

■Power Management

Linear Regulator
DDR Termination Regulator
Shunt Reference Regulator
Shunt Reference Regulator+Op+Comp (Combo IC)
AC/DC Switching regulators
DC/DC switching regulators
Illumination LED Driver
Synchronous Rectifier
Magic Switch
USB Power Switch
Load Switch
Gate drivers
Li-Battery Protection
Li-Battery Charger IC
LED Display Driver
16-BIT CONSTANT CURRENT
Serial-interfaced LED controller
LCD SEGMENT DRIVERS
OTHER

■Voltage Supervisor & Reset IC

Voltage Supervisor & Reset IC

■Audio IC

Audio Amplifiers
Audio Related Controller

■Amplifiers IC

Operational Amplifiers
Comparators

■Analog Switches

Video Signal Switch
Analog Switches & Multiplexers IC

■Lc

■Hc

■Tr

■In

■Ot

CONTENTS

2022_09

Logic & Voltage Translators

HC/HCT Family
AC/ACT/AHC/AHCT Family
LCX/LV/LVC/LVX Family
AUC/AUP/AVC Family
CBT Family/7SH Family
High Voltage CD/TC/UCD40XX/UTC40XX Family
Voltage Translators & level Shifters

Hall Effect Switches

Hall Sensor
Hall DC Fan Motor Drivers

Transistor Array

Darlington Driver

Interface

RS-232 Transceiver
RS-485 & RS-422 Transceiver
CAN Bus
Other Interface

Other Application IC

Motor drivers
Telecommunication Circuit & Radio Circuit
Remote Controller
Leakage Current Detector
Automotive IC
FET Bias Controller
Timer IC
Miscellaneous

Unit

■ TRANSISTOR List

Bipolar Transistor
RF Transistor
Digital Transistor
Darlington Transistor
Complex Bipolar Transistor
Complex Digital Transistor
Transistor With Zener Diode

■ POWERMOSFET List

JFET
Combo Power MOSFET
Trench Power MOSFET (N-CH)
Trench Power MOSFET (P-CH)
Planar Power MOSFET (N-CH)
Fast Body Diode Power MOSFET (N-CH)
Planar Power MOSFET (P-CH)
Depletion Mode MOSFET (N-CH/P-CH)

■ SUPER JUNCTION MOSFET List

Single SJ-MOSFET
Dual SJ-MOSFET
Fast Body Diode SJ-MOSFET

■ IGBT List

Trench IGBT
Planar IGBT

■ TI

■ SC

■ DI

■ PI

■ TV

■ PJ

DISCRETE

CONTENTS

2022_09

RIAC List

III Quadrant Triac
IV Quadrant Triac

CR List

SCR

IODE List

Trench MOS Schottky Diode
MOS Gated Schottky Diode
Planar Schottky Diode
Small Signal Schottky
General Purpose Diode
Small Signal Switching Diode
Bridge Diode
Zener Diode
Current Regulator Diode
Diode Controller

HOTOCOUPLER List

Photo Transistor
Photo Triac

VS List

TVS-ESD TVS
ESD&EMI TVS
Transient Voltage Suppressor
TVS Diode For ESD Protection

ACKAGE List

Package

Power Management > Linear Regulator

Part No. (句選方式)	Features	Product Family (句選方式)	Function (句選方式)	Vin(V) Max (Range)	Io(A) (Range)	Vout(V) (句選方式)	IQ(mA) MAX	VD(V) MAX	RR(dB) Typ
78LXX	* Output current up to 100mA * Fixed output voltage of 5V, 6V, 8V, 9V, 10V, 12V, 15V, 18V and 24V available * Thermal overload shutdown protection * Short circuit current limiting	Standard Regulator	* OTP * OCP * SCP	40	0.1	5 6 8 9 10 12 15 18	6.5	1.7(Typ.)	60 (@f=120Hz)
LM317L	* Output voltage adjustable from 1.25V ~ 37V * Output current in excess of 100mA * Internal thermal overload protection * Internal short circuit current limiting * Output transistor safe area compensation	Standard Regulator	* OTP	40	0.1	ADJ=1.25	-	-	80 (@f=120Hz)
UC723	* Up to 150mA Output Current * Adjustable Output Voltage (From 2V ~ 37V) * Positive and Negative Voltage Regulation * Regulation in Excess of 10A with Suitable Pass Transistors * Input and Output Short-Circuit Protection * Load and Line Regulation: 0.03%	Standard Regulator	* OTP	40	0.15	ADJ=7.15	3.5	-	86 (@f=50Hz~10kHz)
78LXXS	* Output current up to 100mA * Fixed output voltage of 5V, 6V, 8V, 9V, 10V, 12V and 15V available * Thermal overload shutdown protection * Short circuit current limiting	Standard Regulator	* OTP * OCP * SCP	40	0.1	5.0 6.0 8.0 9.0 10.0 12.0	5.5	1.7	-
78LXXM	* Output Current up to 200mA * Fixed Output Voltage of 5V, 6V, 8V, 9V, 10V, 12V, 15V, 18V and 24V Available * Thermal Overload Shutdown Protection * Short Circuit Current Limiting	Standard Regulator	* OTP * OCP * SCP	35	0.2	5 6 8 9 10	5.5	1.7(Typ.)	60 (@f=120Hz)
78NXX	* Output Current up to 300mA * Fixed Output Voltage of 5V, 6V, 8V, 9V, 10V, 12V, 15V, 18V, 24V Available * Thermal Overload Shutdown Protection * Short Circuit Current Limiting	Standard Regulator	* OTP * OCP * SCP	35	0.3	5 6 8 9 10 12 15	5.5	1.7(Typ.)	60 (@f=120Hz)
79LXX	* Output current up to 100mA. * Fixed output voltage of -5V, -6V, -8V, -9V, -10V, -12V, -15V, -18V and -24V available. * Thermal overload shutdown protection. * Short circuit current limiting.	Negative Standard Regulator	* OTP * OCP * SCP	-35	0.1	-5 -6 -8 -9 -10 -12 -15 -18	6.0	-	71 (@f=120Hz)
78DXX	* Output Current Up To 0.5 A * Fixed Output Voltage Of 5V, 6V, 7V, 8V, 9V, 10, 12V, 15V, 18V, 20V and 24V Available * Thermal Overload Shutdown Protection * Short Circuit Current Limiting * Output Transistor SOA Protection	Standard Regulator	* OTP * OCP * SCP	35	0.5	6 7 8 9 10 12 15 18 20	8.0	2.0(Typ)	80 (@f=120Hz)
78DXXL	* Output Current Up To 0.5 A * Fixed Output Voltage of 5V, 6V, 7V, 8V, 9V, 12V, 15V and 18V Available * Thermal Overload Shutdown Protection * Short Circuit Current Limiting * Output Transistor SOA Protection	Standard Regulator	* OTP * OCP * SCP	35	0.5	6 7 8 9 12 15	8.0	2.0(Typ)	80 (@f=120Hz)
78NXX	* Output Current up to 0.5A * Fixed Output Voltage of 5V, 6V, 7V, 8V, 9V, 12V, 15V, 18V and 20V Available * Thermal Overload Shutdown Protection * Short Circuit Current Limiting * Output Transistor SOA Protection	Standard Regulator	* OTP * OCP * SCP	35	0.5	5 6 7 8 9 12 15 18	6.0	2.0(Typ)	62 (@f=120Hz)
78TXX	* Output current up to 0.5 A * Fixed output voltage of 5V, 6V, 7V, 8V, 9V, 12V, 15V, 18V and 20V available * Thermal overload shutdown protection * Short circuit current limiting * Output transistor SOA protection	Standard Regulator	* OTP * OCP * SCP	35	0.5	5 6 7 8 9 12 15 18	8.0	2.0(Typ)	80 (@f=120Hz)
LM317M	* Output Voltage Adjustable From 1.2V ~ 37V * Output Current In Excess of 500mA * Internal Thermal Overload Protection * Internal Short Circuit Current Limiting * Output Transistor Safe Area Compensation	Standard Regulator	* OTP	40	0.5	ADJ=1.25	-	-	80 (@f=120Hz)
79DXX	* Output current up to 0.5A * -5V, -6V, -8V, -9V, -12V, -15V, -18V, -24V output voltage available * Thermal overload protection * Short circuit protection	Negative Standard Regulator	* OTP * OCP * SCP	-40	0.5	-5 -6 -8 -9 -12 -15 -18	8.0	2.0(Typ)	60 (@f=120Hz)
78DXXA	* Peak output current up to 1A. * Fixed output voltage of 5V, 6V, 7V, 8V, 9V, 10V, 12V, 15V, 18V, 20V and 24V available. * Thermal overload shutdown protection. * Short circuit current limiting. * Output transistor SOA protection.	Standard Regulator	* OTP * OCP * SCP	35	1	5 6 7 8 9 10 12 15 18 20	8.0	2.0(Typ)	80 (@f=120Hz)
LM78XX	* Output current up to 1A * Fixed output voltage of 5V, 6V, 7V, 8V, 9V, 10V, 12V, 15V, 18V, 20V and 24V available * Thermal overload shutdown protection * Output transistor SOA protection	Standard Regulator	* OTP	40	1	5 6 7 8 9 10 12 15 18 20	8.0	2.0(Typ)	80 (@f=120Hz)
78TXXA	* Peak Output Current Up To 1 A * Fixed Output Voltage Of 5V ~ 24V Available * Thermal Overload Shutdown Protection * Short Circuit Current Limiting * Output Transistor SOA Protection	Standard Regulator	* OTP * OCP * SCP	35	1	5 6 7 8 9 10 12 15 18	8.0	2.0(Typ)	80 (@f=120Hz)
78TXXAA	* Output current up to 1.5A * Fixed output voltage of 5V, 6V, 7V, 8V, 9V, 10V, 12V, 15V, 18V and 24V available * Thermal overload shutdown protection * Short circuit current limiting * Output transistor SOA protection	Standard Regulator	* OTP * OCP * SCP	40	1.5	5 6 7 8 9 10 12	8.0	2.5(Typ)	80 (@f=120Hz)
78DXXAA	* Peak output current up to 1.5A. * Fixed output voltage of 5V, 6V, 7V, 8V, 9V, 10V, 12V, 15V and 18V available. * Thermal overload shutdown protection. * Short circuit current limiting. * Output transistor SOA protection.	Standard Regulator	* OTP * OCP * SCP	35	1.5	6 7 8 9 10 12	8.0	2.5(Typ)	80 (@f=120Hz)
LM78XXA	* Output current up to 1.5A * Fixed output voltage of 5V, 6V, 7V, 8V, 9V, 10V, 12V, 15V, 18V and 24V available * Thermal overload shutdown protection * Output transistor SOA protection	Standard Regulator	* OTP	40	1.5	6 7 8 9	8.0	2.5(Typ)	80 (@f=120Hz)
LM317	* Output voltage adjustable from 1.3V ~ 37V * Output current in excess of 1A * Internal short circuit protection * Internal over temperature protection * Output transistor safe area compensation	Standard Regulator	* OTP * OCP * SCP	37	1	ADJ=1.25	-	-	80 (@f=120Hz)
LM317A	* Output voltage adjustable from 1.2V ~ 37V * Output current in excess of 1.5A * Internal thermal overload protection * Internal short circuit current limiting * Output transistor safe area compensation	Standard Regulator	* OTP * OCP * SCP	40	1.5	ADJ=1.25	-	-	80 (@f=120Hz)
79DXXA	* Output current up to 1A * -5V, -6V, -7V, -8V, -9V, -12V, -15V, -18V, -24V output voltage available * Thermal overload protection	Negative Standard Regulator	* OTP	-35	1	-5 -6 -7 -8 -9	6.0	2.0(Typ)	60 (@f=120Hz)

Power Management > Linear Regulator

79DXXAA	<ul style="list-style-type: none"> * Output current up to 1.5A * -5V, -12V output voltage available * Thermal overload protection 	Negative Standard Regulator	* OTP	-35	1.5	-5.0 -12.0	6.0	2.0(Typ)	60 (@f=120Hz)
LM79XX	<ul style="list-style-type: none"> * Output Current Up to 1A * -5V, -6V, -8V, -9V, -12V, -15V, -18V, -24V Output Voltage Available * Thermal Overload Protection 	Negative Standard Regulator	* OTP	-35	1	-5 -6 -7 -8 -9	6.0	2.0(Typ)	60 (@f=120Hz)
LM79XXA	<ul style="list-style-type: none"> * Output Current Up to 1.5A * -5V, -7V, -15V Output Voltage Available * Thermal Overload Protection 	Negative Standard Regulator	* OTP	-35	1.5	-5 -7 -12 -15	6.0	2.0(Typ)	60 (@f=120Hz)
79TXXA	<ul style="list-style-type: none"> *Output current up to 1A *-5V, -6V, -8V, -9V, -12V, -15V, -18V, -24V output voltage available *Thermal overload protection *Short circuit protection 	Negative Standard Regulator	* OTP * OCP * SCP	-35	1	-5 -6 -8 -9 -12 -15 -18	6.0	2.0(Typ)	60 (@f=120Hz)
79TXXAA	<ul style="list-style-type: none"> * Output current up to 1.5A * -5V, -12V output voltage available * Thermal overload protection 	Standard Regulator	* OTP * OCP * SCP	-35	1.5	5 12 15	6	2(Typ)	60dB(@f=120Hz)
UR132	<ul style="list-style-type: none"> * Guaranteed 200mA output current * Input voltage range up to 12V * Extremely tight load regulation * Fast transient response * Current-limiting and Thermal-limiting * Three-terminal adjustable or fixed voltage. 	LDO	* OTP * OCP	12	0.2	1.2 1.5 1.8 2.2 2.5 2.6 2.7 2.8 3.0 3.3 3.6 4.0	5	1.5	-
UR133	<ul style="list-style-type: none"> * Guaranteed 300mA output current * Input voltage range up to 12V * Extremely tight load regulation * Fast transient response * Current-limiting and Thermal-limiting * Three-terminal adjustable or fixed 1.5V, 1.8V, 2.2V, 2.5V, 2.7V, 2.8V, 2.9V, 3.0V, 3.3V, 3.5V, 3.6V, 3.7V, 4.7V, 5.0V 	LDO	* OTP * OCP	12	0.3	1.2 1.8 2.2 2.5 2.7 2.8 2.9 3.0 3.3 3.5 3.6 3.7 4.7	5	1.5	-
UR133A	<ul style="list-style-type: none"> * Guaranteed 500mA output current * Input voltage range up to 12V * Extremely tight load regulation * Fast transient response * Current-limiting and Thermal-limiting * Three-terminal adjustable or fixed 1.5V, 1.8V, 2.2V, 2.5V, 2.7V, 2.8V, 2.9V, 3.0V, 3.3V, 3.5V, 3.6V, 3.7V, 4.7V, 5.0V 	LDO	* OTP * OCP	12	0.5	1.2 1.8 2.2 2.5 2.7 2.8 2.9 3.0 3.3 3.5 3.6 3.7 4.7	5	1.5	-
UR233	<ul style="list-style-type: none"> * Low dropout voltage (1.5V Typ.) * Output current up to 0.8A * Fixed output voltage of: 1.7V, 1.8V, 2.5V, 2.85V, 3.0V, 3.3V, 5.0V * Adjustable version availability (VREF=1.25V) * Internal current and thermal limit * Available in ±1% (at 25°C) and 2% in all temperature range 	LDO	* OTP * OCP	12	0.8	1.2 1.7 1.8 1.8 2.5 2.85 3.0 3.3	10	1.5	75 (@f=120Hz)
LD1117	<ul style="list-style-type: none"> * Low dropout voltage * Suitable for SCSI-2 active termination if VOUT set to 2.85V * Output current up to 0.8A for 1117 * Built-in current limit and over temperature protection * Low current consumption * Support MLCC 	LDO	* OTP * OCP	15	0.8	1.2 1.5 1.8 2.5 2.85 3.0	10	1.3	75 (@f=120Hz)
LD1117A	<ul style="list-style-type: none"> * Low dropout voltage * Suitable for SCSI-2 active termination if VOUT set to 2.85V * Output current up to 1.0A for 1117A * Built-in current limit and over temperature protection * Low current consumption * Support MLCC 	LDO	* OTP * OCP	15	1	1.2 1.5 1.8 2.5 2.85 3.0 3.3 3.6	10	1.3	75 (@f=120Hz)
LD2117	<ul style="list-style-type: none"> * Low dropout voltage * Output current up to 0.8A * Suitable for SCSI-2 active termination if VOUT set to 2.85V * with OCP, OTP * Available in ±1% (at 25°C) and 2% in all temperature range * Ultra low current consumption (0.35mA typ.) * Ultra low Adjustment Current (7µA typ.) * Ultra low minimum Load (0.3mA typ.) 	LDO	* OTP * OCP	15	0.8	1.2 1.5 1.8 3.0 3.3 3.6 5.0	0.5	1.35	75 (@f=120Hz)
LD2117A	<ul style="list-style-type: none"> * Low dropout voltage * Output current up to 1A * Suitable for SCSI-2 active termination if VOUT set to 2.85V * with OCP, OTP * Available in ±1% (at 25°C) and 2% in all temperature range * Ultra low current consumption (0.35mA typ.) * Ultra low Adjustment Current (7µA typ.) * Ultra low minimum Load (0.3mA typ.) 	LDO	* OTP * OCP	15	1	1.2 1.5 1.8 3.0 3.3 3.6 5.0	0.5	1.35	75 (@f=120Hz)
LD2127	<ul style="list-style-type: none"> * Low dropout voltage * Suitable for SCSI-2 active termination if VOUT set to 2.85V * Output current up to 0.8A for 2127 * Built-in current limit and over temperature protection * Ultra low Adjustment Current (7µA typ.) * Ultra low minimum Load (0.3mA typ.) * Stable with low ESR ceramic output capacitor (MLCC) 	LDO	* OTP * OCP	15	0.8	ADJ=1 1.2 1.5 1.8	-	1.35	75 (@f=120Hz)
LD2127A	<ul style="list-style-type: none"> * Low dropout voltage * Suitable for SCSI-2 active termination if VOUT set to 2.85V * Output current up to 1A for 2127A * Built-in current limit and over temperature protection * Ultra low Adjustment Current (7µA typ.) * Ultra low minimum Load (0.3mA typ.) * Stable with low ESR ceramic output capacitor (MLCC) 	LDO	* OTP * OCP	15	1	ADJ=1 1.2 1.5 1.8	-	1.35	75 (@f=120Hz)
LD1117AH	<ul style="list-style-type: none"> * Low dropout voltage * Suitable for SCSI-2 active termination if VOUT set to 2.85V * Output current up to 1.0A * Built-in current limit and over temperature protection * Low current consumption * Support MLCC 	LDO	* OTP * OCP	15	1	1.8 3.3 ADJ=1.25	10	1.3	75 (@f=120Hz)
LD3117	<ul style="list-style-type: none"> * Guaranteed 500mA output current * Input voltage range up to 20V * Extremely tight load regulation * Fast transient response * Current-limiting and Thermal-limiting * Three-terminal adjustable or fixed 1.5V, 1.8V, 2.2V, 2.5V, 2.7V, 2.8V, 2.9V, 3.0V, 3.3V, 3.5V, 3.6V, 3.7V, 4.7V, 5.0V 	LDO	* OTP * OCP	20	0.5	1.2 1.8 2.2 2.5 2.7 2.8 2.9 3.0 3.3 3.5 3.6 3.7 4.7	5	1.5	-
UZ1086	<ul style="list-style-type: none"> * Low dropout voltage * Load regulation: 0.05% typical * Trimmed current limit * On-chip thermal limiting * Three-terminal adjustable or fixed 1.2V, 1.8V, 2.5V, 2.85V, 3.3V, 5V 	LDO	* OTP * OCP	7.5	1.5	1.2 1.8 2.5 2.85 3.3 5.0	13	1.6	72 (@f=120Hz)
UZ1085	<ul style="list-style-type: none"> * Fast transient response * Low dropout voltage at up to 3A * Load regulation: 0.05% typical * Trimmed current limit * On-chip thermal limiting 	LDO	* OTP * OCP	18	3	ADJ=1.25 1.8 2.5 3.3 5.0	13	1.4	72 (@f=120Hz)
UZ2085	<ul style="list-style-type: none"> * Fast transient response * Low dropout voltage at up to 3A * Load regulation: 0.05% typical * Trimmed current limit * On-chip thermal limiting * Ultra low current consumption (0.35mA typ.) * Ultra low Adjustment Current (7µA typ.) * Ultra low minimum Load (0.3mA typ.) 	LDO	* OTP * OCP	18	3	ADJ=1.25 5.0	0.5	1.4	75 (@f=120Hz)

Power Management > Linear Regulator

U22085A	<ul style="list-style-type: none"> *Fast transient response *Low dropout voltage at up to 3A *Trimmed current limit *On-chip thermal limiting *Ultra low current consumption (0.35mA typ.) *Ultra low Adjustment Current (7µA typ.) *Ultra low minimum Load (0.3mA typ.) 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	18	3	ADJ=1	1.0	1.4	45 (@f=120Hz)		
UZ1084	<ul style="list-style-type: none"> *Fast transient response *Low dropout Voltage at up to 5A *Load regulation : 0.5% typical *On-chip Thermal limiting 	LDO	<ul style="list-style-type: none"> * OTP 	15	5		1.3 1.8 2.5 3.3 5.0	13	1.5	-	
US84	<ul style="list-style-type: none"> *Low dropout performance: *Adjustable output down to 1.3V. *Line regulation typically below 0.1%. *Load regulation typically below 0.1%. *Output current can be up to 8A for UTC US84. 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	7	8	ADJ=1.25	3.3	13	1.35	72 (@f=120Hz.)	
US85	<ul style="list-style-type: none"> *Low dropout performance: *Adjustable output down to 1.3V. *Line regulation typically below 0.1%. *Load regulation typically below 0.1%. *Three-terminal adjustable or fixed 3.3V. 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	7	5	ADJ=1.25	3.3	13	1.35	72 (@f=120Hz.)	
US87	<ul style="list-style-type: none"> *Low dropout performance: *Adjustable output down to 1.3V. *Line regulation typically below 0.1%. *Load regulation typically below 0.1%. *Three-terminal adjustable or fixed 3.3V. 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	7	3	ADJ=1.25	3.3	13	1.35	72 (@f=120Hz.)	
LD11194*	<ul style="list-style-type: none"> * Low dropout voltage * Output current up to 1.0A * Built-in current limit and over temperature protection * Low current consumption * Support MLCC 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	12	1	ADJ=1.25	3.3	10	1.4	70 (@f=120Hz)	
LP2950	<ul style="list-style-type: none"> * Fixed output versions, 2.5V, 3.0V, 3.3V, 3.6V and 5.0V, are available * High accuracy output voltage * Extremely low quiescent current and dropout voltage * Extremely tight load and line regulation * Current and thermal limiting * Very low temperature coefficient * Logic controlled shutdown and err flag available for 8 pin package 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * Error Detection 	30	0.1		2.5 3.0 3.3 3.6 5.0	14	0.6	-	
LP2951	<ul style="list-style-type: none"> * Fixed output versions, 2.5V, 3.0V, 3.3V, 3.6V and 5.0V, are available * High accuracy output voltage * Extremely low quiescent current and dropout voltage * Extremely tight load and line regulation * Current and thermal limiting * Very low temperature coefficient * Logic controlled shutdown and err flag available for 8 pin package * Output voltage programmable for LP2951 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * Error Detection * SENSE pin 	30	0.1	ADJ=1.235	5 3.0 3.3	-	-	-	
LD1985	<ul style="list-style-type: none"> * Very Low Dropout Voltage (280mV at 150mA and 7mV at 1mA Load) * Very Low Quiescent Current * Output Current up to 150mA * Logic Controlled Electronic Shutdown * Output Voltage of 1.5, 1.8, 2.5, 2.8, 2.85, 3, 3.1, 3.2, 3.3, 3.5, 3.6, 3.8, 4, 4.7, 5V * Internal Current and Thermal Limit * Low Output Noise Voltage (30µVrms) 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * Byp pin 	7	0.15		1.5 1.8 2.5 2.8 2.85 3.0 3.1 3.2 3.3	3.3	0.35	45 (@f=1KHz)	
LD2985	<ul style="list-style-type: none"> * Very Low Dropout Voltage (280mV at 150mA and 7mV at 1mA load) * Very Low Quiescent current * Output Current up to 150mA * Logic Controlled Electronic Shutdown * Internal Current and Thermal Limit * Low Output Noise Voltage (30µVrms) 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * Byp pin 	16	0.15		1.5 1.8 2.5 2.8 2.85 2.9 3.0	3.3	0.35	45 (@f=1KHz)	
LD3870	<ul style="list-style-type: none"> * High Ripple Rejection: 56dB(DC-10kHz) 60dB typ. (f=100Hz) 60dB typ. (f=1kHz) * Output Noise Voltage: eN=30mV, Cp=0.01µF * Output Current: IO(MAX)=150mA * High Precision Output: VO±2% * Low Dropout Voltage: VD=0.12V typ. (IO=60mA,Vo±1.8V) * Input Voltage range: +2~+14V(VD =1.5V Version) * ON/OFF Control: Active High * Output capacitor with 4.7µF ceramic capacitor 	LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP * EN pin * Byp pin 	14	0.15		1.5 1.8 2.5 2.7 3.0 3.3 5.0	0.3	0.2	60 (@f=1KHz)	
LP5951	<ul style="list-style-type: none"> * Ultra Low Ground Current: 120µA * High Output Accuracy : ±2% over temperature * Excellent Load/Line Transient * Low Dropout Voltage : 450mV @ 150mA * Built-in Current Limit Protection * Built-in Over Temperature Protection 	LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP * EN pin 	27	0.15	ADJ=1.235		22	0.6	-	
M2950	<ul style="list-style-type: none"> * Fixed output versions, 2.5V, 3.0V, 3.3V and 5.0V, are available. * Extremely low quiescent current and dropout voltage. * Extremely tight load and line regulation. * Current and thermal limiting. * Very low temperature coefficient. * Logic controlled shutdown and err flag available for 8 pin package. 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * Error Detection * SENSE pin 	18	0.2		2.5 3.0 3.3 3.6 5.0	22	0.6	-	
M2951	<ul style="list-style-type: none"> * Extremely low quiescent current and dropout voltage. * Extremely tight load and line regulation. * Current and thermal limiting. * Very low temperature coefficient. * Logic controlled shutdown and err flag available for 8 pin package. 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * Error Detection * SENSE pin 	18	0.2	ADJ=1.235		-	-	-	
LM2954	<ul style="list-style-type: none"> * High Accuracy Fixed Output * Output Voltage Programmable and Logic Controlled Shutdown And Err Flag Available for DIP and SOIP Package. * Extremely Low Quiescent Current And Dropout Voltage * Extremely Tight Load And Line Regulation * Very low Temperature Coefficient 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * Error Detection * SENSE pin 	30	0.3	ADJ=1.235	3.3 5.0	14	0.6	-	
LM5954	<ul style="list-style-type: none"> * Wide Operating Voltage: 1.5~7.5V * Ultra Low Ground Current :120µA * High Output Accuracy : ±2% over temperature * Excellent Load/Line Transient * Low Dropout Voltage : 450mV @ 300mA * Built-in Current Limit Protection * Built-in Over Temperature Protection * 7mA Shutdown Current 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	25	0.3	ADJ=1.235		22	0.6	-	
LR478	<ul style="list-style-type: none"> * Large Output Current: 300mA (max.) * High Ripple Rejection Rate: 80dB(typ.) * Internal Thermal Shutdown Circuit * Internal Current Limiting Circuit * Easy Set Delay Time from Voltage Detection to Reset Release 	LDO	<ul style="list-style-type: none"> * OTP * OCP * Reset pin 	10	0.3		2.5 3.3 3.4	8	0.3	80 (@f=120Hz)	
UCV676	<ul style="list-style-type: none"> * 2.5V and 1.8V ±4% Output Voltage * 3.3V, 5.0V, and Adjustable Voltage Version (from 2.5V~20V) ±4% or ±2% Output Voltage * 400mA Output Current * 500mV (max) Dropout Voltage (5.0V Output) * Inhibit control input * Very Low Current Consumption * Fault Protection - +45V Peak Transient Voltage - Overcurrent - Overheat 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	45	0.4		1.8 2.5 3.3 5.0	ADJ	35	2.772	60 (@f=100Hz)
UCV676A	<ul style="list-style-type: none"> * 2.5V and 1.8V ±4% Output Voltage * 3.3V, 5.0V, and Adjustable Voltage Version (from 2.5V~20V) ±4% or ±2% Output Voltage * 400mA Output Current * 500mV (max) Dropout Voltage (5.0V Output) * Inhibit control input * Very Low Current Consumption * Fault Protection - +45V Peak Transient Voltage - Overcurrent - Overheat 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	45	0.4		1.8 2.5 3.3 5.0	ADJ	35	2.772	60dB (@f=100Hz)
LM2937	<ul style="list-style-type: none"> * Fully specified for operation over -40C~ +125C * Output current in excess of 500mA * Output trimmed for 5% tolerance under all operating conditions * Typical dropout voltage of 0.5V at full rated load current * Wide output capacitor ESR range, up to 3Ω * Reverse battery protection * Internal short circuit and thermal overload protection * 60V input transient protection * Micro pin insertion protection 	LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP * EN pin 	26	0.5		3.3 5.0 8.0 10 12 15	20	1	-	
R1MX55	<ul style="list-style-type: none"> * Available and fixed output versions 1.5V, 1.8V, 2.5V, 3.3V, 5V * Built-in ON/OFF function * Over current protection function * Over heat protection function * Adjustable DC output voltage 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	15	0.5		1.5 2.5 3.3 5.0	5	0.7	65	
LR1116	<ul style="list-style-type: none"> * 2.85V Device are Suitable for SCSI-2 Active Termination * Output Current up to 0.8A * Internal Current and Thermal Limit 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	15	0.8		1.5 1.8 2.5 2.85	10	1.4	75 (@f=120Hz)	
LR1116B	<ul style="list-style-type: none"> * 2.85V Device are Suitable for SCSI-2 Active Termination * Output Current up to 0.5A * Internal Current and Thermal Limit 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	15	0.5		1.5 1.8 2.5 2.85 3.0	10	1.4	75 (@f=120Hz)	

Power Management > Linear Regulator

LR1118	<ul style="list-style-type: none"> * 2.85V device are suitable for SCS1-2 active termination * Output current up to 1A * Adjustable version available (VREF=1.24V) * Internal current and thermal limit 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	15	1	1.2 1.5 1.8 2.5 2.85 3.0	10	1.2	75 (@f=120Hz)
LM2940	<ul style="list-style-type: none"> * 500mV Typically Dropout at 1A * Output Current in Excess of 1A * Low Quiescent Current * Reversed-Battery Protection * Current Limit and Thermal Shutdown. * Mirror Image Insertion Protection 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	26	1	5 6 8 9 10 12	15	0.8	72 (@f=120Hz)
78RXXX	<ul style="list-style-type: none"> * IOUT=1A ; VOUT=1.5V, 1.8V, 3.3V, 5V, 6V, 9V,10V, 12V, 15V (Typ.) With ADJ version * Built in ON/OFF Control Terminal * Built in Over Current Protection, Over Heat Protection Function 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	35	1	1.5 1.8 3.3 5 6 9 10 12 15	10	0.5	55
R070LD10	<ul style="list-style-type: none"> * Built-in ON/OFF Function * Over Current Protection Function * Over Heat Protection Function * Adjustable DC Output Voltage 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	10	1	1.8 2.5 5 ADJ=1.23	2	0.5	60
R200LD10	<ul style="list-style-type: none"> * Built-in ON/OFF function, * Over current protection function, * ASD protection function * Overheat protection function * 0.1A / 3.3V(R1=2KΩ) Output low dropout voltage regulator 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	24	1	ADJ=2.65	8	0.5	60
RXXLD10	<ul style="list-style-type: none"> * Operating Under Low Voltage Range (Minimum: 2.35V) Input 2.5V, Available Output around 1.5 ~ 1.8V * Low Dissipation Current * Built-in Overcurrent Protection and Over Temperature Protection Functions 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	18	1	1.5 1.8 2.5 3.0 3.3 5	2	0.75	60
LM39102	<ul style="list-style-type: none"> * Adjustable output voltages refer to 1.24V * Dropout Voltage=410mV at 1A output Ideal for 2.5V~1.8V or 1.5V conversion * ON/OFF control function * 1% initial accuracy * Built-in current limiting and thermal shutdown * Reversed-battery protection * Reversed-leakage protection 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	16	1	ADJ=1.24	70	0.63	-
M293010	<ul style="list-style-type: none"> * 1A output current * Dropout voltage 0.6V at IOUT=1A * 1µA maximum standby current * Fast response * Accurate current limiting * Remote voltage sensing 	LDO	<ul style="list-style-type: none"> * OTP * OCP * OVP * EN pin 	27	1	ADJ	1.2(Typ)	0.6	75 (@f=120Hz)
M29150A_B	<ul style="list-style-type: none"> * Very low dropout voltage : typ. 0.4 @ IOUT=1.5A * Output current guarantees 1.5A * Fixed and adjustable output voltage * Thermal limit and internal current * Logic controlled electronic shutdown available * Over voltage protection 	LDO	<ul style="list-style-type: none"> * OTP * OCP * OVP * SCP * EN pin 	30	1.5	5 6 ADJ=1.23	80	0.7	64 (@f=120Hz)
LR1965	<ul style="list-style-type: none"> * Input Voltage Range: 2.3V~6.0V * Supply Current : Typ. 300µA * Current limit : Min. 1.6A * Adjustable Output from 0.8V * 1.965V Typ. 0.4V Dropout @ IOUT=1.5A 	LDO	<ul style="list-style-type: none"> * OCP * SCP * EN pin * PG Pin 	6	1.5	ADJ=0.8	0.3(Typ)	0.4(Typ)	-
278RXXX	<ul style="list-style-type: none"> * 2.0A Output Low Drop Voltage Regulator * Built in ON/OFF Control Terminal * with OCP,Over Heat Protection Function 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	35	2	1.5 1.8 3.3 5 6 8	10	3	55
RXXLD20	<ul style="list-style-type: none"> * Low power-loss(Dropout voltage: 0.3V (max.) at IOUT=2.0A) * 2.0A output type * Output voltage precision: ±3.0% * Built-in ON/OFF control function and over-current protection circuit. 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	20	2	3.3 5 6 8	10	0.5	55
URXX20	<ul style="list-style-type: none"> * 2.0A output type * Output voltage precision: ±2.5% * Built-in ON/OFF control function,OCP,OTP 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	20	2	3.3 12	10	0.7	55
378RXX	<ul style="list-style-type: none"> * 3.0A Output Low Drop Voltage Regulator. * Built in ON/OFF Control Terminal. * Built in Over Current Protection, Over Heat Protection Function. 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	35	3	1.5 1.8 3.3 5 6 8	10	3	55
RXXLD30	<ul style="list-style-type: none"> * Low power-loss(Dropout voltage: 0.5V (max.) at I=3.0A) * 3.0A output type * Output voltage precision: ±3.0% * Built-in ON/OFF control function and over-current protection circuit. * Thermal shutdown protection. 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	20	3	3.3 5 9 12	10	0.5	55
URS33	<ul style="list-style-type: none"> * Ultra Low dropout voltage * Remote sense operation * Fast transient response * Load regulation: 0.05% typical * 0.5% initial accuracy * On-chip thermal limiting 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	7	5	1.5 2.5 ADJ=1.25	-	1.18	80 (@f=120Hz)
ULE4275	<ul style="list-style-type: none"> * Output current up to ±5mA * Qualified for Automotive Applications * Very Low Current Consumption * Power-On and Undervoltage Reset * Reset Low-Level Output Voltage=1V 	LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP * Delay pin * Reset pin 	42	0.4	5	22	0.5	-
URS60XH	<ul style="list-style-type: none"> * High output voltage accuracy: ±2% * Ultra low quiescent current: 1.0µA (Typ.) * Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) * Wide Input voltage range: 2.5~18V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP 	18	0.5	3.3 5	0.003	0.2	-
78KXX	<ul style="list-style-type: none"> * Output current up to 50mA * Fixed output voltage of 5V, 6V, 8V, 9V, 10V, 12V, 15V and 18V available * Thermal overload shutdown protection * Short circuit current limiting 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	35	0.05	3 6 8 9 10 12 14	5.5	1.7	60 (@f=120Hz)
URS1XXH	<ul style="list-style-type: none"> * High output voltage accuracy: ±2% * Ultra low quiescent current: 1.2µA (Typ.) * Low temperature-drift coefficient of VOUT: ±50ppm/°C (Typ.) * Wide Input voltage range: 0 ~ 18V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP 	18	0.08	3.3 3.6 5	0.004	0.1	-
L1131A	<ul style="list-style-type: none"> * Low supply current Typ. 4.3µA * Standby mode Typ. 0.1µA * Output Voltage Range 1.2V~5.0V * Excellent line regulation Typ. 0.02%/V * Built-in fold back protection circuit * Ceramic capacitors are recommended to be used with this IC 	Low IQ LDO	<ul style="list-style-type: none"> * OCP * EN pin 	6	0.15	1.5 2.0 2.5 2.8 3.3 5	0.018	0.65(TYP)	50 (@f=1kHz)
LR1101	<ul style="list-style-type: none"> * Typical standby dropout at 100mA * Ultra-low quiescent current: 4µA * Wide operating voltage ranges: 2V ~ 6V * Thermal current limiting protection * For stability only 1µF output capacitor is required * Ultra-Low Supply Current : Typ. 35µA 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OTP * EN pin 	6	0.1	1.5 1.8 2.5 2.8 3.0 1.8	0.01	0.6	-
LR1102	<ul style="list-style-type: none"> * Standby Mode: Typ. 0.1µA * Low Dropout Voltage: Typ. 0.2V (IOUT = 100mA) * Excellent Line Regulation: Typ. 0.05%/V * High Ripple Rejection: Typ. 70dB (f = 1kHz) 	Low IQ LDO	<ul style="list-style-type: none"> * OCP * EN pin 	8	0.15	2.5 2.7 2.8 2.85	0.07	0.3	70 (@f=1kHz)
L1131B	<ul style="list-style-type: none"> * Low supply current Typ. 1.5µA * Standby mode Typ. 0.1µA * Output Voltage Range 1.2V~5.0V * Excellent line regulation Typ. 0.02%/V * Built-in fold back protection circuit * Ceramic capacitors are recommended to be used with this IC CIN=COUT=1µF 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OCP * EN pin 	11	0.2	1.5 2.0 2.5 2.8 3.0 3.3 5	0.0025	0.65(TYP)	50 (@f=1kHz)

Power Management > Linear Regulator

LI131C	<ul style="list-style-type: none"> Ultra Supply Current: 75µA(Typ.) Standby Mode: 0.1µA(Typ.) Very Low Dropout Voltage: 0.28V(Typ.) @ IOUT=150mA, VOUT=2.5V Ripple Rejection: 70dB(Typ.)@f=1kHz 60dB(Typ.)@f=10kHz Temperature-Drift Coefficient of Output Voltage: ±100ppm/°C(Typ.) Well Line Regulation: 0.02%/V(Typ.) Output Voltage Accuracy: ±2.0%(Typ.) Internal Fold-Back Protection Circuit 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	6	0.15	2 2.5	0.095	0.55	70 (@f=1kHz)
LI913	<ul style="list-style-type: none"> Low No-Load Supply Current: 55µA Guaranteed 150mA Output Current Dropout Voltage is 70mV @ 50mA Load OTP (Over-Temperature Protection) and Short-Circuit Protection Two Modes Of Operation: Fixed Mode: 3.3V, 1.5V Adjustable Mode: 1.25V - 5.5V Maximum Supply Current in Shutdown Mode is Less than 1µA Low Output Noise at 220µVRMS Stability with Lost Cost Ceramic Capacitors 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	5.5	0.15	1.5 3.3 ADJ=1.25	145(Typ)	0.3	-
LR9103	<ul style="list-style-type: none"> Ultra Supply Current: 42µA (Typ.) Standby Mode: 0.1µA (Typ.) Very Low Dropout Voltage: 0.13V (Typ.) @ IOUT = 150mA, VOUT = 2.85V Ripple Rejection: 65dB (Typ.) @ f = 1kHz, VOUT = 2.85V Temperature-Drift Coefficient of Output Voltage: ±50ppm/°C (Typ.) Well Line Regulation: 0.05%/V (Typ.) Output Voltage Accuracy: ±1.0% Internal Fold-Back Protection Circuit: 50mA (Typ.) (Current at short mode) 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	6	0.15	1.1 1.2 1.5 1.8 2.2 2.5 2.8 3.0 3.3	0.06	0.40(TYP)	72 (@f=100Hz)
LR9107	<ul style="list-style-type: none"> Quiescent current: Typ. 9.5µA Low VIN and wide VIN range: 1.4V~5.25V Guarantee output current: 200mA VOUT accuracy: ±1% Ripple Rejection: Typ. 70dB (f=1kHz, VOUT=1.2V) Typ. 65dB (f=1kHz, VOUT=2.2V) Temperature-drift coefficient of output voltage: Typ. ±100ppm/°C Low output noise: 60µVrms (10Hz~100kHz) Quiescent current: 35µA 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	5.25	0.2	1.8 2.8	0.025	0.44	70 (@f=1kHz)
LR9113	<ul style="list-style-type: none"> Ultra Supply Current: 42µA (Typ.) Standby Mode: 0.1µA (Typ.) Very Low Dropout Voltage: 0.13V (Typ.) @ IOUT = 300mA, VOUT = 2.85V Ripple Rejection: 65dB (Typ.) @ f = 1kHz, VOUT = 2.85V Temperature-Drift Coefficient of Output Voltage: ±50ppm/°C (Typ.) Well Line Regulation: 0.02%/V (Typ.) Output Voltage Accuracy: ±1.0% 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	6	0.3	1.1 1.2 1.5 1.8 2.0 2.5 2.8 3.0 3.3 5	0.06	0.8(TYP)	72 (@f=100Hz)
LR1185	<ul style="list-style-type: none"> Operating voltage ranges : 2.7V~5.5V Dropout : 100mV at 150mA When IC shutdown: 5mA discharge current of VOUT Extreme low Noise for DSC application Extreme fast response in line/load transient Internal current limiting protection Internal thermal shutdown protection High PSRR Recommended 1µF output capacitor only for stability With TTL logic controlled shutdown input 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • Byp pin 	5.5	0.15	4.2	0.05	0.2	-
LR1112	<ul style="list-style-type: none"> ±200mA low dropout regulator with EN Very low IQ over full load: 30µA Wide input voltage range: 2.5~6V Wide adjustable output: 0.8V~5.0V Fixed output options: 1.0V~3.3V Fast start-up time: 80µs PSRR: 65dB at 100Hz Stable with low ESR, 1µF ceramic output capacitor Low dropout: 150mV typical at 150mA Excellent Load/Line Transient Response Current Limit Protection 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	6	0.15	ADJ=0.4	0.085	0.3	65 (@f=100Hz)
LR1121B	<ul style="list-style-type: none"> Ultra-Low Supply Current : During Operation: 30µA TYP. During Standby: 0.1µA TYP. Output Voltage: 2.1V ~ 5.5V, Selectable in 0.1 V Steps. High Output Voltage Accuracy: ±2.0% Low Dropout Voltage: 180 mV Typ. (2.8 V Output Product, IOUT = 100 mA) High Ripple Rejection: 70 dB TYP. (@ 1.0 kHz) High Peak Current Capability: 150 mA Output is Possible (@ VIN ≥ VOUT(S) + 1.0 V) 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	7	0.2	2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.85 2.9 3.0 3.1 3.2	0.065	0.7	70 (@f=1kHz)
LR1122D	<ul style="list-style-type: none"> Ultra Supply Current: 30µA (Typ.) Standby Mode: 0.1µA (Typ.) Very Low Dropout Voltage: 0.13V (Typ.) @ IOUT = 150mA, VOUT = 2.85V Ripple Rejection: 75dB (Typ.) @ f = 1kHz, VOUT = 2.85V Temperature-Drift Coefficient of Output Voltage: ±30ppm/°C (Typ.) Well Line Regulation: 0.02%/V (Typ.) Output Voltage Accuracy: ±1.0% (Typ.) Internal Fold Back Protection Circuit: 40mA (Typ.) @ short mode Wide Input Voltage Range from 2.5V to 5.5V Ultra Low Dropout Voltage: 200mV @ VOUT = 3.3V, 300mA Ultra Fast Response in Line/Load Transient Stable with 1µF Ceramic Output Capacitor Low Ground Current: 70µA Typical Low Shutdown Current: < 1µA Foldback Output Current Limit High Output Accuracy 1.5% Initial Accuracy Fixed Output Voltages: 0.8V~3.3V Adjustable Output Voltage from 0.8V to 4.5V 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	7.5	0.2	1.2 1.5 1.6 1.8 2.0 2.2 2.5 2.8 2.85 3.0 3.3 5.0	0.04	1	75 (@f=1kHz)
LR9211	<ul style="list-style-type: none"> Ultra Low Dropout Voltage: 200mV @ VOUT = 3.3V, 300mA Ultra Fast Response in Line/Load Transient Stable with 1µF Ceramic Output Capacitor Low Ground Current: 70µA Typical Low Shutdown Current: < 1µA Foldback Output Current Limit High Output Accuracy 1.5% Initial Accuracy Fixed Output Voltages: 0.8V~3.3V Adjustable Output Voltage from 0.8V to 4.5V 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	5.5	0.6	1.2 1.8 2.5 2.8 3.3 ADJ=0.8	0.115	1.2	65 (@f=1kHz)
LR9212	<ul style="list-style-type: none"> Ultra Low Dropout Voltage: 300mV @ VOUT = 3.3V, 600mA Ultra Fast Response in Line/Load Transient Stable with 1µF Ceramic Output Capacitor Low Ground Current: 70µA Typical Low Shutdown Current: < 1µA Foldback Output Current Limit High Output Accuracy 1.5% Initial Accuracy Fixed Output Voltages: 0.8V~3.3V 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	5.5	1	3.3 ADJ=0.8	0.12	0.45	65 (@f=1kHz)
LR9203	<ul style="list-style-type: none"> Maximum Output Current: 500mA Output Accuracy: ±2.0% Output Voltage Range: 1.2V~5.0V (0.05V increments) Protection Current: Current Limiter (630mA TYP.), Short-circuit protection, Thermal Shutdown Dropout Voltage: 190mV @ VOUT = 2.8V, IOUT = 300mA Low Power Consumption: 15µA (TYP.), 0.5µA (in standby) High PSRR: 55dB @ 1kHz, VOUT = 2.8V Operating Ambient Temperature: -40°C~+85°C CL Capacitor-Less: Internal Phase Compensation 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	6	0.5	1.2~5.0 (0.05 increments)	0.03	0.7	55 (@f=1kHz)
LR9500	<ul style="list-style-type: none"> Stable with 0.47 µF Ceramic Input and Output Capacitors No Noise Bypass Capacitor Required Logic Controlled Enable Thermal-Overload and Short-Circuit Protection -40°C to +125°C Junction Temperature Range for Operation Input Voltage Range: 2.5V to 5.5V Output Voltage Range: 1.5V to 4.5V Output Current, 150 mA Low Output Voltage Noise, 6.5 µVRMS PSRR, 75 dB at 1 kHz Output Voltage Tolerance: ± 2% 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	5.5	0.15	1.5 1.8 2.0 2.5 2.7 2.8 3.0 3.3 4.0 4.5	0.23	0.15	65 (@f=1kHz)
UR6222*	<ul style="list-style-type: none"> Maximum Output Current : 700mA Stand-by Current: 0.1µA (Typ.) Low Dropout Voltage: 0.1V (Typ.) (IOUT = 300mA) Excellent Line Regulation: 0.01%/V (Typ.) High Ripple Rejection: 65 dB (Typ.) (f = 1kHz) Output Voltages: 1.2~4.0V(Accuracy ± 2%) 0.05V increments 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	6	0.7	1.2 1.5 1.8 2.0 2.5 2.8 3.0 3.3 4.0	0.12	0.15 (TYP)	65 (@f=1kHz)

Power Management > Linear Regulator

UR6223	<ul style="list-style-type: none"> Maximum Output Current : 300mA Stand-by Current: 0.1µA (Typ.) Low Dropout Voltage: 0.2V (Typ.) (IOU = 300mA) Excellent Line Regulation: 0.01%/V (Typ.) High Ripple Rejection (Typ.) (f = 1kHz) 80dB @ VOUT(T) < 2.5V 70dB @ VOUT(T) > 2.5V Output Voltages: 2.0~4.0V(Accuracy ± 1%) 1.2~1.95V(Accuracy ± 20mV) 0.05V increments 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	6	0.3	1.2 1.5 1.8 2.0 2.5 2.8 3.0 3.3 4.0	0.22	0.63	65 (@f=1KHz)
UR6225	<ul style="list-style-type: none"> Maximum Output Current: 300mA (within Max. power dissipation, VOUT = 5.0V) Output Voltage Range: 1.5V ~ 6.0V in 0.1V Increments (1.5V ~ 1.9V for Custom Products) Highly Accurate: Output Voltage ±2% (±1% for Semi-Custom Products) Low Power Consumption: Typ. 2.0µA @ VOUT=5.0V Output Voltage Temperature Characteristics: Typ. ±100ppm/°C Input Stability : Typ. 0.2%/V Small Load Regulation: 100µV @ IOUT = 100mA @ VOUT = 5.0V with a 1.0µF capacitor Wide operating voltage range: 2.5V~5.5V 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	10	0.3	1.5 1.8 2.0 2.1 2.5 2.6 2.7 2.8 3.3	0.0045	0.60(Typ)	-
LR1142	<ul style="list-style-type: none"> Adjustable output voltage Enable/shutdown control Low-noise for RF application Ultra-Fast response in line/load transient Current limit protection Output only 1µF capacitor required for stability 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	5.5	0.5	ADJ=0.8	0.07	0.37(Typ)	57 (@f=1KHz)
LI183A	<ul style="list-style-type: none"> Accurate To Within 1.5% Quiescent Current: 30µA With Current Limiting Internal Short Circuit Current Fold-Back High Power-Saving Shutdown Mode Very Low Temperature Coefficient 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • SCP • EN pin 	6.5	0.3	1.2 1.5 1.8 2.5 2.8 3.0 3.1 3.3	0.05	1.3	60 (@f=100KHz)
LI183B	<ul style="list-style-type: none"> Very Low Dropout Voltage Guaranteed Output Current: 300mA Quiescent Current: 30µA (Typ.) Typical Accuracy Within 2% Over-Temperature Shutdown Current Limiting Short Circuit Current Fold-Back Power Good Detector (6 pin version only) Power-Saving Shutdown Mode Adjustable Output Voltages Low Temperature Coefficient RoHS-Compliant Product 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • SCP • EN pin 	7	0.3	1.2 1.5 1.8 2.8 3.1 3.3	0.05	1.3	50 (@f=1KHz)
LR2125	<ul style="list-style-type: none"> Operating Voltage: 2.8~6V Low Voltage Dropout Output Current Guaranteed 300mA For Setting Output Voltage Two Modes Fixed mode: Fixed Output Voltage 1~5V ADJ mode: Adjustable Output Voltage 0.8~5.5V Internal Current Limit Protection 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	5.5	0.3	1.2 1.8 2.5 3.3 ADJ=0.8	0.16	0.36	45 (@f=10KHz)
LR9101	<ul style="list-style-type: none"> Supply Current: 25µA (Typ.) Standby Mode: 0.1µA (Typ.) Ripple Rejection: 70dB (Typ.) @ f=1kHz, VOUT=2.5V Well Line Regulation: 0.02%/V (Typ.) CIN=COUT=1µF or more (Ceramic capacitors) are recommended to be used with this IC 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	6	0.3	1.0 1.2 1.5 1.8 2.5 2.7 2.8 2.9 3.0 3.3	25(Typ)	0.6(Typ)	70 (@f=1KHz)
LR9102	<ul style="list-style-type: none"> Ultra Supply Current: 50µA (Typ.) Standby Mode: 0.1µA (Typ.) Very Low Dropout Voltage: 0.12V (Typ.) @IOUT = 300mA, VOUT = 2.85V Ripple Rejection: 75dB (Typ.) @ f=1kHz, VOUT=2.85V Temperature-Drift Coefficient of Output Voltage: ±50ppm/°C (Typ.) Well Line Regulation: 0.02%/V (Typ.) Output Voltage Accuracy: ±1.0% Internal Fold Back Protection Circuit: 50mA (Typ.) @ short mode CIN=COUT=1µF or more (Ceramic capacitors) are recommended to be used with this IC 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	6	0.3	1.0 1.1 1.2 1.3 1.5 1.8 2.7 2.8 2.85 2.9 3.0 3.3 3.6	0.09	1	75 (@f=1KHz)
LR9102A	<ul style="list-style-type: none"> Very Low Dropout Voltage: 0.12V (Typ.) @IOUT = 300mA, VOUT = 2.85V Ripple Rejection: 75dB (Typ.) @ f=1kHz, VOUT=2.85V Temperature-Drift Coefficient of Output Voltage: ±50ppm/°C (Typ.) Well Line Regulation: 0.02%/V (Typ.) Output Voltage Accuracy: ±1.0% 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	6	0.3	1.1 1.2 1.3 1.5 1.8 2.7 2.8 2.85 2.9	0.13	1	75 (@f=1KHz)
LI127_A_E	<ul style="list-style-type: none"> Operating Voltage: 2.5V~6V Low Voltage Dropout Output Current Guaranteed 300mA For Setting Output Voltage Two Modes Fixed mode : 1.0V, 1.2V, 1.5V, 1.8V, 2.5V, 3.0V, 3.3V, 4.2V, 4.75V ADJ mode: Adjustable Output Voltage 0.8V~5.5V ERROR Flag Indicates Output Status Internal Current Limit Protection Internal Soft-Start Internal Thermal Protection 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	6	0.3	1.0 1.2 1.5 1.8 2.5 3.0 3.3 4.2 4.75 ADJ=0.8	0.2	0.36	-
LR1106	<ul style="list-style-type: none"> Maximum Output Current : 400mA Maximum Operating Voltage: 8V Highly Accurate : ± 2% Output Voltage Temperature Characteristics : TYP ±100ppm/°C 	Low IQ LDO	<ul style="list-style-type: none"> • OCP • EN pin 	8	0.4	1.8 2.2 2.5 2.7 2.8 2.85 3.0 3.1	0.05	0.6	-
LR1143	<ul style="list-style-type: none"> Wide operating voltage range : 3.0V~5.5V Adjustable output voltage Enable/shutdown control Low-noise for RF application Ultra-Fast response in line/load transient Current limit protection Output only 1µF capacitor required for stability High power supply rejection ratio 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	5.5	0.4	ADJ=1.2	0.05	0.8(Typ)	67 (@f=1KHz)
LI923	<ul style="list-style-type: none"> Low Temperature Supply Current: 90µA Guaranteed 500mA Output Current Dropout Voltage is 200mV @ 250mA Load OTPR(Over-Temperature Protection) and Short-Circuit Protection Two Modes Of Operation: Fixed Mode : 3.3V, 3.5V, 3.9V Adjustable Mode: 1.25V - 5.5V Maximum Supply Current In Shutdown Mode is Less than 1µA Low Output Noise at 250µA Load 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	5.5	0.5	3.3 3.5 3.9 ADJ=1.25	0.12	0.5	65 (@f=100KHz)
LR1198	<ul style="list-style-type: none"> 300mA Guaranteed Output Current 0.01µA Shutdown Current 550mV Dropout at 300mA Load Low Temperature Coefficient Current Limiting Protection Thermal Shutdown Protection Only 1µF Output Capacitor Required for Stability Excellent Line/Load Transient 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	5.5	0.3	1.5 2.8 3.0	0.15	0.65	50 (@f=10KHz)
LR1193*	<ul style="list-style-type: none"> 300mA Guaranteed Output Current 0.01µA Shutdown Current 220mV Dropout at 300mA Load Low Temperature Coefficient Current Limiting Protection Thermal Shutdown Protection Only 1µF Output Capacitor Required for Stability Excellent Line/Load Transient 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • Byp pin 	5.5	0.3	1.5 2.5	0.13	0.3	70 (@f=100KHz)
LR1120	<ul style="list-style-type: none"> Operating Voltage Ranges : 2.5V to 6.0V Dropout : 250mV at 500mA When IC Shutdown: 5mA Discharge Current of VOUT Extreme Low Noise for DSC Application Extreme Fast Response in Line/Load Transient Internal Current Limiting Protection Internal Thermal Shutdown Protection High PSRR 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • SS pin 	5.5	0.5	1.8 2.5 2.8 3.0 3.1 3.3 4.0	0.07	0.4	55 (@f=10KHz)

Power Management > Linear Regulator

LR1125	<ul style="list-style-type: none"> * High accuracy output voltage: +/- 1.5% * Guaranteed Output: 500mA * Thermal-Overload Protection * Internal Current Limiting * Low 210µA Ground Current * 0.02µA Shutdown Current 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin 	5.5	0.5	ADJ=0.8	1	0.4	-
LR18113	<ul style="list-style-type: none"> * VOUT Follows 1.6 Times of VSET * 0.3Ω Output Resistance @ 0.5A * Over Temperature Protection * Current Limiting Protection * Enable control 		<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6	0.5	Vout=SET*1.6	3	-	-
LR18115	<ul style="list-style-type: none"> * VOUT Follows 1.6 Times of VSET * 0.3Ω Output Resistance @ 0.5A * Over Temperature Protection * Current Limiting Protection * FON Pin to Turn VOUT Fully On 		<ul style="list-style-type: none"> * OTP * OCP * FON pin 	6	0.5	Vout=SET*1.6	3	-	-
LR1812	<ul style="list-style-type: none"> * Low Dropout Voltage * The Guaranteed Output Current is 1A DC * Output Voltage Accuracy ± 1.5% * Over temperature Protection And Over current Protection * Reverse Current Protection 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP * EN pin 	6	1		0.11	0.12~0.45	65 (@ f=1KHz)
LR1830*	<ul style="list-style-type: none"> * Dropout Voltage 350mV @ 3A Typically * Output Current up to 3A * High Accuracy ADJ Voltage 1.5% * VOUT Power Good Signal * VOUT Pull Low Resistance when Disable * Thermal Shutdown Protection * Current Limiting Protection 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin 	5	3	ADJ=0.8	1	0.45	-
LR1831*	<ul style="list-style-type: none"> * Dropout Voltage 260mV @ 3A Typically * Output Current up to 3A * High Accuracy Voltage * VOUT Power Good Signal * VOUT Pull Low Resistance when Disable * Thermal Shutdown Protection * Current Limiting Protection 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin 	5.5	3	ADJ=0.8	2	0.32	-
LR2128	<ul style="list-style-type: none"> * Operating Voltage: 2.7~6V * Low Voltage Dropout * Output Current Guaranteed 300mA * For Setting Output Voltage Two Modes -Fixed mode :Fixed Output Voltage 1~5V -ADJ mode :Adjustable Output Voltage 0.8~5.5V * Internal Current Limit Protection * With Soft-Start 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	5.5	0.3	2.5 ADJ=0.8	0	0.36	45 (@ f=10KHz)
LR9280	<ul style="list-style-type: none"> * Output voltage accuracy (±2.0%) * Output voltage Range (1.2V~4.0V) * Dropout voltage (TYP=0.25V)(IOU=150mA 3.0V Output type) * Line regulation (TYP=0.05%/V) * Temperature-Drift Coefficient of Output Voltage (TYP=±100ppm/°C) * Ceramic capacitors are recommended to be used with this IC (µF) 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OCP * EN pin 	6	0.15		0.0015	1.2	-
LR9282	<ul style="list-style-type: none"> * Supply current (TYP=1µA) * Output voltage accuracy (±1%) * Output voltage range (0.8V~5V) * Dropout voltage (TYP=290mV)(IOU=100mA, VOUT=1.8V Output type) * Line regulation (TYP=0.2%/V) * Built-in fold-back protection circuit (TYP=15mA) (Current at short mode) 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OCP * EN pin 	7	0.3		0.0015	1	-
LR9283	<ul style="list-style-type: none"> * Supply current (TYP=1µA) * Output voltage accuracy (±1%) * Output voltage range (1.2V~5V) * Dropout voltage (TYP=200mV)(IOU=100mA, VOUT=1.8V Output type) * Line regulation (TYP=0.2%/V) * Built-in Current Limiter, OTP 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6.5	0.3		0.0015	0.2(Typ)	-
LR9284*	<ul style="list-style-type: none"> * Supply current (TYP=0.3µA) * Output voltage accuracy (±1.5%) * Input voltage range (2V~7V) * Dropout voltage (TYP=220mV @ 200mA, VOUT=3.3V) * Line regulation (TYP=0.1%/V) * Built-in fold-back protection circuit (TYP=90mA) (Current at short mode) 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	7	0.5		0.0007	0.25	72 (@ f=200Hz)
LR9133	<ul style="list-style-type: none"> * Ultra Supply Current: 36µA (Typ.) * Standby Mode: 0.1µA (Typ.) * Very Low Dropout Voltage: 0.13V (Typ.) @ IOU = 150mA, VOUT = 2.85V * Ripple Rejection: 65dB (Typ.) @ f=1kHz, VOUT=2.85V * Temperature-Drift Coefficient of Output Voltage: ±100ppm/°C (Typ.) * Well Line Regulation: 0.02% / V (Typ.) * Output Voltage Accuracy: ±2.0% 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6	0.3		0.06	0.4(Typ)	65 (@ f=1KHz)
LR9153	<ul style="list-style-type: none"> * Ultra Supply Current: 50µA (Typ.) * Standby Mode: 0.1µA (Typ.) * Very Low Dropout Voltage: 0.30V (Typ.) @ IOU = 300mA, VOUT = 2.85V * Well Line Regulation: 0.02% / V (Typ.) * Output Voltage Accuracy: ±2.0% * Internal Fold Back Protection Circuit: 80mA (Typ.) (Current at short mode) * CIN=COUT=1.0µF or more (Ceramic capacitors) are recommended to be used with this IC 	Low IQ LDO	<ul style="list-style-type: none"> * OCP * EN pin 	6	0.5		0.08	0.87(Typ)	65 (@ f=1KHz)
LR78XX	<ul style="list-style-type: none"> * Low supply current Typ. 4.3µA * Standby mode Typ. 0.1µA * Output Voltage Range 1.2V~5.0V * Excellent line regulation Typ. 0.02%/V * Built-in fold back protection circuit * Ceramic capacitors are recommended to be used with this IC CIN=COUT=1µF 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OCP * EN pin 	8	0.5		0.0043(Typ)	0.52(Typ)	50 (@ f=1KHz)
LR1802	<ul style="list-style-type: none"> * Low VIN and wide VIN range: 1.0V~5.5V * Bias voltage (VPP) range: 3.0V~5.5V * Low VOUT range: 0.8V~3.3V * 300mV dropout @ 1.0A, VPP=5V * 3% output Voltage * output voltage setting options * Programmable soft-start provides linear voltage startup * Stable with output capacitor: 10µF 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * Inrush Current pin 	5.5	1	ADJ=0.8	-	0.3(Typ)	70 (@ f=1KHz)
LR1805	<ul style="list-style-type: none"> * Low Dropout Voltage * The Guaranteed Output Current is 1A DC * Output Voltage Accuracy ± 2% * Over temperature Protection And Over current Protection 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6	1		0.09	0.7	65 (@ f=1KHz)
LI186	<ul style="list-style-type: none"> * Accurate to Within 1.5% * Quiescent Current: 30µA * Internal Over-Temperature Shutdown * With Current Limiting * Internal Short Circuit Current Fold-Back * With Noise Reduction Bypass Capacitor * Has Power-Saving Shutdown Mode * Very Low Temperature Coefficient 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	7	0.6	ADJ=1.215	35(Typ)	1.4	40 (@ f=1KHz)
LR1107.8	<ul style="list-style-type: none"> * Ultra Low Dropout Voltage * Low Ground Pin Current * 0.55% Load Regulation * The Guaranteed Output Current is 600mA DC * Output Voltage Accuracy ± 1.5% * ERROR Flag Indicates Output Status * VOUT can be Adjusted From 1.145V to 5V. * Low Output Capacitor Required * Overtemperature Protection and Overcurrent Protection 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6	0.6		0.3(Typ)	0.5	-

Power Management > Linear Regulator

L1188	<ul style="list-style-type: none"> * Extra Low Dropout Voltage * Output Current: 800mA (Guaranteed) * Output Voltage Accuracy: ±1.5% * Quiescent Current: 30µA * Internal Over-Temperature Shutdown * With Current limiting * Internal Short Circuit Current Fold-Back * Pre-set Output Voltages In Factory * Very Low Temperature Coefficient 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP 	7	0.8	2.8 3.3	0.05	1.4	60 (@ f=100Hz)
L11388	<ul style="list-style-type: none"> * Output voltage's high accuracy: ±1.0% * Low dropout voltage: 120mV typ. * @3.3V output, I_{OUT}=300mA * Low current consumption: 80µA(Typ.)160µA max in operation * 0.1µA(Typ.)0.1µA max in shutdown mode 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6.5	0.8	1.2 2.5 2.8 3.0 3.3 3.5	0.16	1	70 (@ f=1KHz)
LR3865	<ul style="list-style-type: none"> * 2A Guaranteed Output Current * 0.5µA Shutdown Current * Current Limiting Protection * Thermal Shutdown Protection * Excellent Line/Load Transient 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin * SS pin 	6	2	1.5 1.8 2.0 2.5 3.0 3.3 5.0	0.2(Typ)	0.65	45 (@f=1KHz)
LR3866	<ul style="list-style-type: none"> * 3A Guaranteed Output Current * Ultra Low Dropout Voltage * Low Ground Pin Current * Low Temperature Coefficient * Current Limiting Protection * Thermal Shutdown Protection * Excellent Line/Load Transient * SENSE Option Improves Load Regulation 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * SENSE pin 	6	3	1.8 2.5 3.0 3.3 ADJ=0.6	0.36	0.8	-
LR1109_E_N	<ul style="list-style-type: none"> * Ultra Low Dropout Voltage * Low Ground Pin Current * 0.65% Load Regulation * The Guaranteed Output Current is 1A DC * Output Voltage Accuracy ± 1.5% * Excellent Line/Load Regulation * Low Input Voltage 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin 	6	1	1.2 1.5 1.8 2.5 2.85 3.0 3.3	300(Typ)	0.5	60
LR1801	<ul style="list-style-type: none"> * The Guaranteed Output Current is 1A DC * Fixed Output Voltage Accuracy ± 1% * Adjustable Output Voltage Accuracy ± 2% * Over temperature Protection And Over current Protection 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6	1	1.2 1.5 1.8 2.5 3.0 3.3	0.09	0.7(Typ)	65 (@f=1KHz)
LR1811	<ul style="list-style-type: none"> * Low Dropout Voltage * The Guaranteed Output Current is 1A DC * Output Voltage Accuracy ± 1.5% * Over temperature Protection And Over current Protection 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6	1	1.2 1.5 1.8 2.5 3.0 3.3 5.0	0.12	0.7(Typ)	65 (@f=1KHz)
L11810	<ul style="list-style-type: none"> * Extra low dropout voltage * Output current: 1A (guaranteed) * Output voltage accuracy: ±1.5% * Quiescent current: 30µA * Internal Over-Temperature shutdown * With Current limiting * Internal short circuit current fold-back * Pre-set output voltages in factory * Very low temperature coefficient 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP 	7	1	2.8 3.3	0.05	1.7	60 (@f=100Hz)
LXLD10	<ul style="list-style-type: none"> * Low Dropout VD=0.1V@ I_{OUT}=1A * Low ESR Output Capacitor * VREF=0.6V * ±1.5% over Line, Load and Temperature Output Accuracy * Fast Transient Response * Output Voltage Adjustable through External Resistors * POR(Power-On-Reset) controlling VCNLT and VIN * With Internal Soft-Start * Internal Current Limit Protection * Internal Under Voltage Protection * Hysteretic Thermal Shutdown * With Power-OK Output (with a Delay Time) 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin 	3.3	1	ADJ=0.8	2	0.15	-
LXLD36	<ul style="list-style-type: none"> * Low Dropout VD=0.17V(Typ.)@ I_{OUT}=3A * Low ESR Output Capacitor * VREF=0.6V * Fast Transient Response * Output Voltage Adjustable through External Resistors * POR(Power-On-Reset) controlling VCNLT and VIN * With Internal Soft-Start * Internal Current Limit Protection * Internal Under Voltage Protection * Hysteretic Thermal Shutdown * With Power-OK Output (with a Delay Time) * Low Shutdown Quiescent Current (<30 µA) 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin 	6	3	ADJ=0.6	1.5	0.3	-
LXLD37	<ul style="list-style-type: none"> * Low Dropout VD=0.17V(Typ.)@ I_{OUT}=3A * Low ESR Output Capacitor * VREF=0.6V * Fast Transient Response * Output Voltage Adjustable through External Resistors * POR(Power-On-Reset) controlling VCNLT and VIN * With Internal Soft-Start * Internal Current Limit Protection * Internal Under Voltage Protection * Hysteretic Thermal Shutdown * With Power-OK Output (with a Delay Time) * Low Shutdown Quiescent Current (<30 µA) * Shutdown/Enable Control Function 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin 	5.5	3	ADJ=0.8	1.5	0.3	-
LXLD38	<ul style="list-style-type: none"> * Low Dropout VD=0.2V(Typ.)@ I_{OUT}=3A * Low ESR Output Capacitor * VREF=0.5V * Fast Transient Response * Output Voltage Adjustable through External Resistors * POR(Power-On-Reset) controlling VCNLT and VIN * With Internal Soft-Start * Internal Current Limit Protection * Internal Under Voltage Protection * Hysteretic Thermal Shutdown * With Power-OK Output (with a Delay Time) * Low Shutdown Quiescent Current (<30 µA) 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin 	3.65	3	ADJ=0.5	3	0.20(Typ.)	65 (@f=120Hz)
LXLD52	<ul style="list-style-type: none"> * Low Dropout VD=0.2V(Typ.)@ I_{OUT}=3A * Low ESR Output Capacitor * VREF=0.8V * Fast Transient Response * Output Voltage Adjustable through External Resistors * POR(Power-On-Reset) controlling VCNLT and VIN * With Internal Soft-Start * Internal Current Limit Protection * Internal Under Voltage Protection * Hysteretic Thermal Shutdown * With Power-OK Output (with a Delay Time) * Low Shutdown Quiescent Current (<30 µA) 	LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PG pin 	3.65	5	ADJ=0.8	3	0.17(Typ.)	-
UR6227	<ul style="list-style-type: none"> * The Guaranteed Output Current is 700mA DC * Low Power Consumption: 100µA * Dropout Voltage: 120mV @I_{OUT}=300mA (V_{OUT}=3.0V) * Output Voltage Accuracy ±1.5% * The reverse current protection 	Low IQ LDO	<ul style="list-style-type: none"> * OCP * EN pin 	6	0.7	1.5 1.8 2.5 2.8 3.0 3.3 5.0	0.2	0.3	65 (@f=1KHz)
LR1148	<ul style="list-style-type: none"> * 600mA Guaranteed Output Current * 0.01µA Shutdown Current * Ultra Low Dropout Voltage * Low Temperature Coefficient * Current Limiting Protection * Thermal Shutdown Protection * Excellent Line/Load Transient 	Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6	0.6	ADJ=0.8	0.08(Typ)	1.2	-
LR2915	<ul style="list-style-type: none"> * Input Voltage Range: 2.5V-6.0V * Supply Current : (Typ.) 300µA * Current limit : (Min.) 1.6A * Adjustable Output from 0.5V * LR2915: Typ 0.4V Dropout @ I_{OUT}=1.5A * Compatible with MLCC Capacitors * Built-in Soft-Start Limits Inrush Current * Built-in Thermal Shutdown Protection * Built-in Over Current & Short Circuit Protection 	LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP * EN pin 	6	1.5	ADJ=0.5	0.3(Typ)	0.4(Typ)	-

Power Management > Linear Regulator

LR2965	<ul style="list-style-type: none"> Input Voltage Range: 2.5V~6.0V Supply Current : (Typ.) 300uA Current limit : (Min.) 1.6A Adjustable Output from 0.5V LR2965: Typ 0.4V Dropout @ IOU=1.5A Compatible with MLCC Capacitors Built-in Soft-Start Limits Inrush Current Built-in Thermal Shutdown Protection 	LDO	<ul style="list-style-type: none"> • OTP • OCP • SCP • EN pin 	6	1.5	ADJ=0.5	0.3(Typ)	0.4(Typ)	-
LR2965A	<ul style="list-style-type: none"> Input Voltage Range: 2.5V~6.0V Supply Current : (Typ.) 300uA Current limit : (Min.) 1.6A LR2965A: Typ 0.4V Dropout @ IOU=1.5A Compatible with MLCC Capacitors Built-in Soft-Start Limits Inrush Current Built-in Thermal Shutdown Protection Built-in Over Current & Short Circuit Protection 	LDO	<ul style="list-style-type: none"> • OTP • OCP • SCP 	6	1.5		0.45	0.4(Typ)	-
LR2967	<ul style="list-style-type: none"> Supply Current : Typ. 300uA Current limit : Min. 3A Adjustable Output from 0.5V LR2967-XX: Typ 0.4V Dropout @ IOU=2.0A Compatible with MLCC Capacitors Built-in Soft-Start Limits Inrush Current Built-in Thermal Shutdown Protection Built-in Over Current & Short Circuit Protection 	Low IQ LDO	<ul style="list-style-type: none"> • OTP* OCP* EN pin 	6	2	ADJ	0.3(TYP)	0.4(TYP)	-
LR9270	<ul style="list-style-type: none"> Low standby current Ultra-Low supply current Output voltage (stepwise setting with a step of 0.1V in the range of 1.2V~4.0V) Output current (MIN=800mA@VIN=VOUT+1.0V) Low dropout voltage Line regulation High output voltage accuracy 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	6	0.8		0.16	0.7	50 (@f=1KHz)
LR1216	<ul style="list-style-type: none"> Ultra Low Dropout Voltage Low Ground Pin Current 0.04% Load Regulation The Guaranteed Output Current is 1A DC Output Voltage Accuracy ± 1.5% Low Output Capacitor Required Over temperature Protection And Over current Protection 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	7	1	ADJ=0.8	0.07(Typ)	0.5	60
LR9272	<ul style="list-style-type: none"> Low standby current (TYP=0.1uA) Ultra-Low supply current (TYP=60uA) Output current (MIN=1A@VIN=VOUT+1.0V) Output voltage accuracy (±2.0%) Input voltage range (1.4V~5.0V) Output voltage (0.8V~5.0V) Dropout voltage (TYP=0.18V@VOUT=3.0V, IOU=1A) Ripple rejection (TYP=70dB @ VOUT=3.0V) Line regulation (TYP=0.05%/V) Low temperature-drift coefficient of output voltage Built-in thermal shuntdown circuit Built-in inrush current limit circuit Built-in fold-back protection circuit Built-in auto discharge function 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • inrush current 	6	1		0.1	0.72 (Typ)	70 (@f=1KHz)
LR9273	<ul style="list-style-type: none"> Ultra Supply Current: 60uA (Typ.) Standby Mode: 0.1uA (Typ.) Very Low Dropout Voltage: 0.18V (Typ.) @IOU = 1A, VOUT = 2.85V Ripple Rejection: 70dB (Typ.) @f=1kHz, VOUT=2.85V Temperature-Drift Coefficient of Output Voltage 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	6	1		0.1	0.7 (Typ)	70 (@f=1KHz)
L1803	<ul style="list-style-type: none"> Bias voltage (V_B) range: 1.0V~5.5V Low V_{OUT} range: 0.8V~3.5V 150mV dropout @1.5A, V_{CC}=5V 2% output Voltage Power-Good (PG) output Programmable soft-start provides linear voltage startup Low Dropout Voltage (V_{DO})=2.2V@IOU=1.5A 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • PG pin • SS pin 	5.5	1.5	ADJ=0.8	2	1.7	-
L1806	<ul style="list-style-type: none"> Low ESR Output Capacitor V_{REF}=0.8V Fast Transient Response Output Voltage Adjustable through External Resistors POR(Power-On-Reset) controlling VCNTL and VIN With Internal Soft-Start Internal Current Limit Protection Internal Under Voltage Protection Hysteretic Thermal Shutdown With Power-OK Output (with a Delay Time) Low Shutdown Output Current (I_{SD})=0.1uA 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • PG pin 	3.65	3	ADJ=0.8	1.5	0.31	-
LXOLD15	<ul style="list-style-type: none"> Low ESR Output Capacitor V_{REF}=0.8V ±1.5% over Line, Load and Temperature Output Accuracy Fast Transient Response Output Voltage Adjustable through External Resistors POR (Power-On-Reset) controlling VCNTL and VIN With Internal Soft-Start 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • PG pin 	3.5	1.5	ADJ=0.8	2	0.3	-
LR3965	<ul style="list-style-type: none"> 1.5A Guaranteed Output Current 0.01uA Shutdown Current 40mV Dropout at 150mA Load Low Temperature Coefficient Current Limiting Protection Thermal Shutdown Protection Excellent Line/Load Transient 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • PG pin • SS pin • SENSE pin 	6	1.5		0.25(Typ)	1.05	-
LR3965A	<ul style="list-style-type: none"> 2A Guaranteed Output Current 0.01uA Shutdown Current 40mV Dropout at 150mA Load Low Temperature Coefficient Current Limiting Protection Thermal Shutdown Protection Excellent Line/Load Transient 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • SS pin 	6	2	ADJ=0.8	0.2(Typ)	0.65	45 (@f=1KHz)
L11815A	<ul style="list-style-type: none"> Quiescent Current (45uA typ.) Very Low Dropout Voltage Guaranteed 1.5A output Accuracy : ±1.5% Over-Temperature Shutdown With Current Limiting Short Circuit Current Fold-Back Low Temperature Coefficient 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP 	7	1.5		0.07	1.3	70 (@f=100Hz)
L11815B	<ul style="list-style-type: none"> Quiescent Current (45uA typ.) Accurate : ± 1.5% Very Low Dropout Voltage Guaranteed 1.5A Output Over-Temperature Shutdown With Current Limiting Short Circuit Current Fold-Back Power-Saving Shutdown Mode Low Temperature Coefficient 	Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	7	1.5	ADJ=1.2	0.045(Typ)	1.3	50 (@f=1KHz)
UR1171	<ul style="list-style-type: none"> Low standby current (TYP=0.1uA) Supply current (TYP=80uA) Output current (MIN=1.5A@VIN=VOUT+1.0V) Output voltage accuracy (±2.0%) Output voltage (1.2V~5.0V) Low dropout voltage (TYP=0.09V@VOUT=3.0V, IOU=300mA) Line regulation (TYP=0.05%/V) Low temperature-drift coefficient of output voltage Built-in thermal shunt circuit Built-in current limit circuit 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	6	1.5	1.2~5	0.16	0.35	50 (@f=1KHz)
LXOLD20	<ul style="list-style-type: none"> Low Dropout Voltage (V_{DO})=1.5V@ IOU=1.2A Low ESR Output Capacitor V_{REF}=0.8V ±1.5% over Line, Load and Temperature Output Accuracy Fast Transient Response Output Voltage Adjustable through External Resistors POR(Power-On-Reset) controlling VCNTL and VIN With Internal Soft-Start 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • PG pin 	3.3	2	ADJ=0.8	2	0.2	-
LR18120	<ul style="list-style-type: none"> VD=320mV @ IOU=2A, VOUT=1.2V Internal Over Current and Over Temperature Protection With Enable Pin Output Voltage: ±2% 1.0V, 1.2V, 1.5V, 1.8V and 2.5V Output Voltage 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin • PG pin 	5.5	2		2	0.42	-
LR18220	<ul style="list-style-type: none"> 400mV Dropout @ 2A, VO=2.5V Compatible with low ESR MLCC as Input/Output Capacitor Good Line and Load Regulation Guaranteed Output Current of 2A Available in SOP-8 Package Over-Temperature/Over-Current Protection 	LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	6	2	ADJ=0.8	1	0.6	65 (@f=1KHz)

Power Management > Linear Regulator

LR18230	<ul style="list-style-type: none"> 400mV Dropout @ 3A, VO=2.5V Compatible with low ESR MLCC as Input/Output Capacitor Good Line and Load Regulation Guaranteed Output Current of 3A Available in HSOP-8 Package Over-Temperature/Over-Current Protection 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin 	6	3	ADJ=0.8	1	0.6	65 (@ f=1KHz)
LR3966	<ul style="list-style-type: none"> 3A Guaranteed Output Current Ultra Low Dropout Voltage Low Ground Pin Current Low Temperature Coefficient Current Limiting Protection Thermal Shutdown Protection Excellent Line/Load Transient SENSE Option Improves Load Regulation 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin SENSE pin 	7	3	1.8 3.3 ADJ=1.145	0.12	0.58	-
L11830	<ul style="list-style-type: none"> 3A Guaranteed Output Current low quiescent current: 60µA (typ.) 2µA Shutdown Current Short Circuit Current Fold-back Low Temperature Coefficient Current Limiting Protection Thermal Shutdown Protection 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin SENSE pin 	6	3	1.5 1.8 2.5 3.3 5.0	0.35	1	60 (@ f=100Hz)
L11831A_B_C	<ul style="list-style-type: none"> VDD voltage 5V Maximum 3A low-dropout voltage regulator High accuracy output voltage ±1.5% When disable VO pull low resistance Internal over current and over temperature protection 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin PG pin 	5.5	3	1.2 1.5 1.8 2.5 ADJ=0.8	1.1(Typ)	0.35	-
LR845	<ul style="list-style-type: none"> 3A Guaranteed Output Current low quiescent current: 300µA (typ.) 2µA Shutdown Current Short Circuit Current Fold-back Low Temperature Coefficient Current Limiting Protection Thermal Shutdown Protection Excellent Line/Load Transient SENSE Option Improves Load Regulation 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin SENSE pin 	6	3	2.5	0.4	1	70 (@ f=100Hz)
LXLD30	<ul style="list-style-type: none"> Low Dropout VD=0.25V(typ.)@ IOU=3A Low ESR Output Capacitor VREF=0.8V ±1.5% over Line, Load and Temperature Output Accuracy Fast Transient Response Output Voltage Adjustable through External Resistors POR(Power-On-Reset) controlling VCNTL and VIN With Internal Soft-Start Internal Current Limit Protection Internal Under Voltage Protection Hysteretic Thermal Shutdown With Power-OK Output (with a Delay Time) For Standby or Suspend Mode: Shutdown 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin PG pin 	3.3	3	ADJ=0.8	2	0.25	-
LXLD32	<ul style="list-style-type: none"> Compatible with LXLD30 Low Dropout VD=0.23V(typ.)@ IOU=3A Low ESR Output Capacitor VREF=0.8V Fast Transient Response Output Voltage Adjustable through External Resistors 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin PG pin 	3.65	3	ADJ=0.8	1.5(Typ)	0.31	-
LR5966	<ul style="list-style-type: none"> 5A Guaranteed Output Current 0.01µA Shutdown Current Low Temperature Coefficient Current Limiting Protection Thermal Shutdown Protection Excellent Line/Load Transient 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin 	6	5	3.3	0.09(Typ)	1.8	60 (@ f=100Hz)
LXLD50	<ul style="list-style-type: none"> Low Dropout VD=0.2V(Typ.)@ IOU=5A Low ESR Output Capacitor VREF=0.8V High Output Accuracy : ±1.5% Over Line, Load and Temperature Fast Transient Response 1.2V, 1.5V, 1.8V, 2.3V Output Options by Connecting ADJ to GND and Output Voltage can be Adjusted by External Resistors Power-On-Reset Monitoring both Supply Voltages (VCNTL and VIN Pins) Protection Function: Internal Soft-Start Current-Limit Protection Under-Voltage Protection Thermal Shutdown with Hysteresis 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin PG pin 	3.3	5	2.5 ADJ=0.8	8	0.3	-
LXLD70	<ul style="list-style-type: none"> Low ESR Output Capacitor VREF=0.8V ±1.5% over Line, Load and Temperature Output Accuracy Fast Transient Response Output Voltage Adjustable through External Resistors POR (Power-On-Reset) controlling VCNTL and VIN With Internal Soft-Start Internal Current Limit Protection Internal Under Voltage Protection Hysteretic Thermal Shutdown With Power-OK Output (with a Delay Time) For Standby or Suspend Mode: Shutdown 	LDO	<ul style="list-style-type: none"> OTP OCP EN pin PG pin 	3.5	7	ADJ=0.8	2	0.2	-
LR5XXX	<ul style="list-style-type: none"> Low IQ: 500 nA 150mA, Low-Dropout Regulator With Pin-Selectable Dual Voltage Level Output Low Dropout: 200 mV at 150mA 3% Accuracy Over Load, Line, and Temperature Available in Dual-Level, Fixed-Output Voltages From 1.5V to 4.2V VSET Pin Toggles Output Voltage Between Two Factory-Programmed Voltage Levels 	Ultra Low IQ Dual LDO	<ul style="list-style-type: none"> OTP OCP EN pin 	5.5	0.15	2.0 2.7	0.0008	0.25	-
UR56XX	<ul style="list-style-type: none"> Output Current up to 500mA High output Voltage accuracy:±2% Ultra low quiescent current:1.0µA(TYP) Low temperature-drift coefficient of Vout : ±100ppm/°C(TYP) Wide Input voltage range:0V~18V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> OCP 	18	0.5	1.8 2.1 2.3 2.5 2.7 4.4	0.003	0.15	-
UR57XX	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.0µA (Typ.) Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) Wide Input voltage range: 0~18V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> OCP 	18	1	3.3 3.6 4.0 4.4 5.0	0.005	0.2	-
UR77XX	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.0µA (Typ.) Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) Wide Input voltage range: 2.5~36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> OCP 	36	1	3.3 3.6 4.0 4.4 5.0	0.005	0.2	-
UR56XX1	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.0µA (Typ.) Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) Wide Input voltage range: 0~18V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> OCP 	18	0.5	1.5 1.8 2.1 2.3 2.5	0.003	0.15	-
UR71XX	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.2µA (Typ.) Low temperature-drift coefficient of VOUT: ±50ppm/°C (Typ.) Wide Input voltage range: 0 ~ 36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> OCP 	36	0.08	3.3 4.0 5.0	0.004	0.1	-
UT10XX	<ul style="list-style-type: none"> Low power consumption Low voltage dropout Low temperature coefficient Wide operating voltage (12V Max.) 	Ultra Low IQ LDO	<ul style="list-style-type: none"> OCP 	12	0.02	1.8 2.0 2.5 2.7 4.4	0.006	0.06(Typ)	-
UT71XX	<ul style="list-style-type: none"> Accurate output voltage range (± 2.4%) Low power consumption Low voltage dropout Wide operating voltage (24V Max.) 	Ultra Low IQ LDO	<ul style="list-style-type: none"> OCP 	24	0.02	1.8 2.0 2.5 2.7 2.8	0.016	0.06(Typ)	-
UT72XX	<ul style="list-style-type: none"> High output voltage accuracy: ±3% Low dropout: TYP. 40mV Ultra low quiescent current: TYP. 7µA Low temperature-drift coefficient of VOUT: TYP. ±50ppm/°C Wide Input voltage range: 0~32V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> OCP 	32	0.04	3.0 3.3 3.6 4.4 5.0	0.015	0.06(Typ)	-

Power Management > Linear Regulator

LR1012	<ul style="list-style-type: none"> Operating current: max. 2.2µA (typ.) Output voltage: 1.8 ~ 6.0V, ±0.1V step ±2.0% output voltage accuracy Output current: 50mA capable @ 3.0V output, VIN=5.0V 75mA capable @ 5.0V output, VIN=7.0V Very Low Power Consumption Very Low Voltage Drop Very Low Temperature Coefficient Up to 24V Input Voltage 100mA @ PD < 250mW Output Current 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OCP • SCP 	12	0.075	1.8 3.3 4.0 5.0 5.2	0.003	0.98	-
UR7500	<ul style="list-style-type: none"> Very Low Voltage Drop Very Low Temperature Coefficient Up to 24V Input Voltage 100mA @ PD < 250mW Output Current 	Low IQ LDO	<ul style="list-style-type: none"> • OCP 	24	0.1	1.8 2.5 3.0 3.3 4.0	0.02	0.1(Typ)	-
UAS15V	<ul style="list-style-type: none"> Operating voltage range: 16V~60V Fixed output voltage: 14.5V @ 25°C ON/OFF control terminal 	Standard Regulator	<ul style="list-style-type: none"> • EN pin 	60	0.05	14.5	17	-	-
UAS16V	<ul style="list-style-type: none"> Operating voltage range: 20V ~ 80V Fixed output voltage: 16.1V @ 25°C 	Standard Regulator		80	0.015	16.1	0.45	-	-
UAS24V*	<ul style="list-style-type: none"> Operating voltage range: 8V ~ 80V Output voltage: 24V @ 25°C & VCC > 25V Output voltage: about VCC-0.8V @ 25°C & VCC < 25V 	Standard Regulator		80	0.055	24	7.7	-	-
UR75XX	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.2µA (Typ.) Low temperature-drift coefficient of VOUT: ±50ppm/°C (Typ.) Wide Input voltage range: 0 ~ 36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OCP 	36	0.07	1.5 1.8 2.1 2.3 2.5	0.003	0.1	-
UR72XX	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.2µA (Typ.) Low temperature-drift coefficient of VOUT: ±50ppm/°C (Typ.) Wide Input voltage range: 0 ~ 36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OCP 	36	0.1	1.8 2.1 2.3 2.5 2.7	0.003	0.1	-
UR7200H	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 2µA (Typ.) Low temperature-drift coefficient of VOUT: ±50ppm/°C (Typ.) Wide Input voltage range: 2.5 ~ 36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP 	36	0.15	3.3 5.0	0.005	0.4(Typ)	-
UR7300*	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.2µA (Typ.) Low temperature-drift coefficient of VOUT: ±50ppm/°C (Typ.) Wide Input voltage range: 2.5~ 36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OCP 	36	0.3	1.5 1.8 2.1 2.3 2.5 2.7	0.003	0.1	-
UR7300H*	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 2µA (Typ.) Low temperature-drift coefficient of VOUT: ±50ppm/°C (Typ.) Wide Input voltage range: 2.5~ 36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OCP • OTP 	36	0.3	2.5 3.3 5.0	0.005	0.16(Typ)	-
UR78XX	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.2µA (Typ.) Low temperature-drift coefficient of VOUT: ±50ppm/°C (Typ.) Wide Input voltage range: 0 ~ 36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OCP 	36	0.07	2.3 3.6 4 5 10 12 15	0.003	0.08	-
UR76XX	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.0µA (Typ.) Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) Wide Input voltage range: 2.5~36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OCP 	36	0.5	1.8 2.1 2.3 2.5	0.003	0.15	-
UR7600A	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 0.5µA (Typ.) Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) Wide Input voltage range: 2.5~36V 	Ultra Low IQ	<ul style="list-style-type: none"> • OCP 	36	0.5	1.8 2.1 2.3 2.5 2.7	0.01	0.15	-
UR7600H	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.0µA (Typ.) Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) Wide Input voltage range: 2.5~36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OCP • OTP 	36	0.5	3.3	0.003	0.2	-
UR7600L	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.0µA (Typ.) Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) Wide Input voltage range: 2.5~36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OCP 	36	0.5	1.5 1.8 2.1 2.3 2.5	0.003	0.15	-
UR56XXC*	<ul style="list-style-type: none"> High output voltage accuracy: ±2% Ultra low quiescent current: 1.0µA (Typ.) Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) Wide Input voltage range: 2.5~18V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> • OTP • OCP • EN pin 	18	0.5	3.3 3.6 5.0	0.003	0.2	-
LR300YB	<ul style="list-style-type: none"> Low supply current: Typ. 60µA Standby mode: Typ. 0.1µA Low dropout voltage High ripple rejection Low temperature-drift coefficient of output voltage Excellent line regulation High output voltage accuracy Output voltage stepwise setting with a step of 0.1V in the range of 	Low IQ Dula LDO	<ul style="list-style-type: none"> • OCP • EN pin 	6	0.15	1.2 1.5 1.8 2.8 2.9 3.3	0.12	0.75	65
LR400Y*	<ul style="list-style-type: none"> 200mA Guaranteed Output Current(Each LDO) Dual Shutdown Pins Control Each Output 120mV Dropout at 100mA Load Current Limiting Protection Thermal Shutdown Protection Excellent Line/Load Transient RoHS Compliant and 100% Lead (Pb)-Free 	Low IQ Dula LDO	<ul style="list-style-type: none"> • OCP • EN pin 	5.5	0.2	1.2 1.8 2.8 3.0 3.3	0.26	0.255(Typ)	62 (@ f=100Hz)
LR600Y*	<ul style="list-style-type: none"> VD=470mV @60mA (Typ.), VOUT=3.3V Range of Output Current:500mA / Channel Low Power Consumption:50µA (VOUT1 and VOUT2 Enable Mode). Standby Current:0.1µA (Typ.) Accurate: ±2% High PSRR: 65 dB at 1kHz. Each Channel Output Current Limit Protection:950mA With Short Circuit Protection Output ON/OFF Control Function 	Low IQ Dula LDO	<ul style="list-style-type: none"> • OTP • OCP 	6	0.6	1.2 3.3	0.08	0.85	65 (@ f=1kHz)
LR700Y*	<ul style="list-style-type: none"> Supply Current Typ. 25µA (each channel) Standby Current Typ. 0.1µA (each channel) Dropout Voltage Typ. 0.21V (IOUT=300mA, VOUT=2.8V) Typ. 0.24V (IOUT=300mA, VOUT=2.5V) Ripple Rejection Typ. 80dB (f=1kHz) Temperature-Drift Coefficient of Output Voltage Typ. ±30ppm/°C Line Regulation Typ. 0.02%/V Output Voltage Accuracy ±1.0% Input Voltage Range 2.5V~5.25V Output Voltage Range 1.5V ~3.3V (0.1V steps) (For details, please refer to MARK SPECIFICATIONS.) 	Low IQ Dula LDO	<ul style="list-style-type: none"> • OCP • EN pin 	5.25	0.3	1.8 2.5 3.3	0.033	1	80 (@ f=1kHz)
LR800Y*	<ul style="list-style-type: none"> Supply Current: Typ. 40µA (VR1, VR2) Standby Mode: Typ. 0.1µA (VR1, VR2) Low Dropout Voltage: Typ. 0.22V(IOUT=150mA, VOUT=2.8V) High Ripple Rejection: Typ. 70dB (f=1kHz), Typ. 65dB (f=10kHz) High Output Voltage Accuracy: ±1.0% Low Temperature-Drift Coefficient of Output Voltage: Typ. ±80ppm/°C Excellent Line Regulation: Typ. 0.02%/V Built-in Fold Back Protection Circuit Typ. 40mA (Current at short mode) Ceramic capacitors are recommended to be used with this IC 0.22µF or more 	Low IQ Dula LDO	<ul style="list-style-type: none"> • OCP • EN pin 	5.25	0.15	1.2 1.5 1.8 2.0 2.5 2.8 3.0 3.6	0.06	0.63(Typ)	70 (@ f=1kHz)
LR900Y*	<ul style="list-style-type: none"> Supply Current: Typ. 50µA x2 (VR1&VR2) Standby Current: Typ. 0.1µA x2 (VR1&VR2) Input Voltage Range: 1.4V~5.25V Output Voltage Range: 0.8V~3.7V (0.1V steps) (For details, please refer to MARK SPECIFICATION TABLE) Output Voltage Accuracy: ±1.0% (VSET=2.0V, TDPF=25°C) Dropout Voltage: Typ. 0.25V (IOUT=300mA, VSET=2.5V) Ripple Rejection: Typ. 75dB (f=1kHz) Line Regulation: Typ. 0.02%/V Built-in Fold Back Protection Circuit: Typ. 60mA (Current at short mode) 	Low IQ Dula LDO	<ul style="list-style-type: none"> • OCP • EN pin 	5.25	0.3	2.0 2.5 2.8 3.0 3.3 3.6	0.2	0.72	75 (@ f=1kHz)

Power Management > Linear Regulator

LR6401	<ul style="list-style-type: none"> 0.3A(10) DUAL CHANNEL LDO REGULATORS WITH ENABLE FUNCTION * Standby Current: 0.1µA (Typ.) * Accuracy: ±2% * High PSRR: 65 dB * With Short Circuit Protection * Output ON/OFF Control Function 	Low IQ Dula LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	6	0.3	<ul style="list-style-type: none"> 1.2 1.5 1.8 2.8 2.85 3.3 	0.09	0.75	65 (@ f=100Hz)
UR10033	<ul style="list-style-type: none"> * Dual output: ADJ/1A, 3.3V/1A. * Output voltage precision of ±2%. * Output consists of PNP power transistor with low-dropout voltage. * Built-in over current protection circuit (OCP). * Built-in thermal shut down circuit (TSD). * Ideal for hard disk drives applications. 	Dula LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP 	16	1	<ul style="list-style-type: none"> 3.3 ADJ=1.25 	1.5	0.8(Typ)	58 (@ f=120Hz)
UR13318	<ul style="list-style-type: none"> * Dual Output: 3.3V/1A, 1.8V/1A. * Output Voltage Precision of ±2%. * Output consists of PNP power transistor with low-dropout voltage. * Built-in over current protection circuit (OCP). * Built-in Thermal Shut Down Circuit (TSD). * Ideal for Hard Disk Drives applications. 	Dula LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP 	16	1	<ul style="list-style-type: none"> 1.8 3.3 	1.5	0.5	58 (@ f=120Hz)
UR13325	<ul style="list-style-type: none"> * Dual output: 3.3V/1A, 2.5V/1A. * Output voltage precision of ±2%. * Output consists of PNP power transistor with low-dropout voltage. * Built-in over current protection circuit (OCP). * Built-in thermal shut down circuit (TSD). * Ideal for hard disk drives applications. 	Dula LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP 	16	1	<ul style="list-style-type: none"> 2.5 3.3 	2.3	0.5	58 (@ f=120Hz)
UR15033	<ul style="list-style-type: none"> * Dual output: 5.0V/1A, 3.3V/1A. * Output voltage precision of ±2%. * Output consists of PNP power transistor with low-dropout voltage. * Built-in over current protection circuit (OCP). * Built-in thermal shut down circuit (TSD). * Ideal for hard disk drives applications. 	Dula LDO	<ul style="list-style-type: none"> * OTP * OCP * SCP 	16	1	<ul style="list-style-type: none"> 3.3 5.0 	1.5	0.5	58 (@ f=120Hz)
UC621XX	<ul style="list-style-type: none"> * Ultra Small Input-Output Voltage Differential : 100mA of output current is available with a differential of 0.1V. (Performance depends on the external transistor characteristics.) * Maximum Output Current : 1A * Output Voltage Range : 2V ~ 6V in 0.1V increments * Highly Accurate : Set-up voltage ±2% * Low Power Consumption : Typ.50µA (VOUT = 5.0V) * Typ.0.2µA (Stand-by) * Output Voltage Temperature Characteristics: Typ. ±100ppm/°C * Input Stability: Typ.0.1µs/V 	Boosting Regulators	<ul style="list-style-type: none"> * OCP 	8	1	<ul style="list-style-type: none"> 3.0 3.3 4.0 5.0 	0.08	0.1(Typ)	-
LC1111	<ul style="list-style-type: none"> * 4.5V~13.5V supply voltage range * 0.8V (±2%) voltage reference (temperature and process) * Power-On-Reset monitoring on VCC * Fast transient response * Programmable soft-start * Enable control function * Low shutdown current * Under-Voltage protection * Two versions of IC available: UVP activated after VOUT is ready 	LDO Controller	<ul style="list-style-type: none"> * OCP * EN pin * SS pin * DRV pin 	13.5	-	ADJ=0.8	1	-	50 (@ f=100Hz)
LC1126	<ul style="list-style-type: none"> * MLCC and POSCAP Stable * 0.5V±2% Reference Voltage * Internal soft-start * Enable control * Fast transient response 	LDO Controller	<ul style="list-style-type: none"> * OTP * OCP * EN pin * PS pin * DRV pin 	5.5	-	ADJ=0.5	0.8	-	-
UM5237	<ul style="list-style-type: none"> * Wide Input/Output voltage range * Low Dropout Voltage * Over current protect * External circuit can adjust the output voltage 	LDO	<ul style="list-style-type: none"> * OTP * OCP 	30	-	ADJ=1.26	0.3	0.2(Typ)	68 (@ f=120Hz)
LM317S	<ul style="list-style-type: none"> * Output voltage adjustable from 1.3V ~ 37V * Output current in excess of 1A * Internal short circuit protection * Internal over temperature protection * Output transistor safe area compensation 	Standard Regulator	<ul style="list-style-type: none"> * OTP * OCP 	40	1	ADJ=1.25	10	3	65
UR8600X	<ul style="list-style-type: none"> * High output voltage accuracy: ±2% * Ultra low quiescent current: 5.0µA (Typ.) * Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) * Wide Input voltage range: 2.5~36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP 	36	0.5	<ul style="list-style-type: none"> 3.3 3.6 4.5 5.0 	0.01	0.2	-
UR81XX	<ul style="list-style-type: none"> * High output voltage accuracy: ±2% * Ultra low quiescent current: 2.0µA (Typ.) * Low temperature-drift coefficient of VOUT: ±50ppm/°C (Typ.) * Wide Input voltage range: 0 ~ 36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OCP 	36	0.08	<ul style="list-style-type: none"> 3.3 5.0 6.0 	0.01	0.1	-
UR86XXCE	<ul style="list-style-type: none"> * High output voltage accuracy: ±2% * Ultra low quiescent current: 6.0µA (Typ.) * Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) * Wide Input voltage range: 2.5~36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	36	0.5	<ul style="list-style-type: none"> 3.3 3.6 4.5 5.0 	0.01	0.2	-
UR76XXCE	<ul style="list-style-type: none"> * High output voltage accuracy: ±2% * Ultra low quiescent current: 1.0µA / 60µA/150µA(Typ.) * Low temperature-drift coefficient of VOUT: ±100ppm/°C (Typ.) * Wide Input voltage range: 2.5~36V 	Ultra Low IQ LDO	<ul style="list-style-type: none"> * OTP * OCP * EN pin 	36	0.5	<ul style="list-style-type: none"> 3.3 3.6 5.0 	0.003~0.02	0.2	-

Package (封装方式)
SOP-8 SOT-89 TO-92 TO-92NL SOT-223 SOT-25
SOP-8 TO-92 SOT-89
DIP-14
SOT-89 TO-252 TO-92
SOP-8 SOT-89 SOT-223 TO-92
SOT-223 SOT-89 TO-252 SOT-895
SOT-89 SOP-8 TO-92
SOT-223 TO-251 TO-252 TO-252-3 PDFN5*6
SOT-223 TO-251 SOT-89 TO-252 TO-252-3 TO-252D
TO-126 TO-126C TO-220 TO-220F TO-92
TO-263 TO-263-3
TO-263 SOT-223 TO-252 TO-220 SOP-8
TO-251 TO-252 SOT-89
TO-252 TO-252-3 SOT-223 TO-251
TO-220 TO-220F TO-262 TO-92
TO-263 TO-263-3
TO-263 TO-263-3
TO-252
TO-220 TO-220F TO-220F2
SOT-223 TO-252 TO-263 TO-263-3 TO-220
SOT-223 TO-220F TO-252 TO-220 TO-220F2 TO-263 TO-263-3
TO-251 TO-252

TO-251 TO-252
TO-220 TO-220F
TO-220 TO-220F
TO-263 TO-263-3
TO-263 TO-263-3
SOT-23 SOT-25
SOT-23 SOT-89 SOT-223 TO-92
SOT-23 SOT-89 SOT-223 TO-92
SOP-8 SOT-89 SOT-223 TO-252 TO-220 TO-263 SOP-8 HSCP-8 SOT-49 SOT-223 TO-252 TO-220
SOP-8 HSCP-8 SOT-89 SOT-223 TO-252 TO-220 TO-220F TO-263 TO-263-3
SOT-223 TO-252
SOT-223 TO-252
SOT-223
SOT-223
SOT-223 SOT-89
SOT-23 TO-252
SOT-223 TO-252 TO-220 TO-263 TO-263-3 TO-220F1
TO-252 TO-220 TO-220F TO-263 TO-263-3
TO-252 SOT-223

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TO-252 TO-252-3 TO-220 TO-220F TO-263 TO-263-3
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TO-252 TO-220 TO-220F TO-263 TO-263-3
HSOP-8
DIP-8 SOP-8 TO-92 TO-252 DFN3030-8 TSSOP-8 MSOP-8
DIP-8 SOP-8 DFN3030-8 TSSOP-8 MSOP-8
SOT-25
SOT-25
SOT-25
HSOP-8
DIP-8 SOP-8 TO-92
DIP-8 SOP-8
DIP-8 SOP-8 SOT-223 TO-92 TO-252
HSOP-8
SOP-8
TO-252-4 TO-263-5 SOT-223
TO-252-4 TO-263-5 SOT-223
SOT-223 TO-220 TO-263 TO-263-3 TO-263-5
SOT-89-5 HSOP-6
SOP-8 SOT-89 SOT-223 TO-220 TO-252 SOP-8
SOT-89 SOT-223 TO-220 TO-252 TO-263

SOP-8 SOT-223 TO-220 TO-252 TO-263 TO-263-3
SOT-223 TO-220 TO-220F TO-252 TO-263 TO-263-3
TO-252-5 TO-220F-4 TO-2208 TO-252 TO-220
TO-252-4
TO-252-4 TO-252-5
TO-252-5 TO-220F-4 SOP-8 HSOP-8
SOP-8 HSOP-8
TO-252-5
TO-252-4 TO-252-5 TO-252
HSOP-8
TO-220F-4
TO-2208 TO-220F-4
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SOT-89
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SOT-25 SOT-23-5 DFN2020-6 DFN1616-6
SOT-25 SOT-26
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SOT-23-3 SOT-23 SOT-23-5 SOT-343 SOT-353 SOT-25
SOT-23 SOT-23-3 SOT-23-5 SOT-25 SOT-353 DFN1616-6 DFN1820-6 DFN2020-6
SOT-23 SOT-23-3 SOT-23-5 SOT-25 SOT-353 DFN1616-6 DFN1820-6 DFN2020-6
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HSOP-8 SOP-8 SOT-223
TO-263 TO-263-5
SOT-223 TO-252 SOT-23 SOT-23-5 SOT-25 SOT-49 DFN3030-8
HSOP-8 SOT-49 SOT-89-5 TO-252 SOT-223
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HSOP-8
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HSOP-8 DFN3030-10
HSOP-8 DFN3030-10
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HSOP-8
SOT-223 TO-252 TO-263 TO-220
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SOT-26 DFN1616-6
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TO-252-5
TO-252-5
SOT-25
SOT-26
SOT-26
SOT-89
SOT-223
SOT-89
SOT-89
SOT-25 SOT-23-5
SOT-23-5 SOT-25 SOT-89

Power Management > DDR Termination Regulator_DDR Bus Termination Regulator (1.5A~3.0A)

Part No. (勾選方式)	Features	DDR (勾選方式)	V _{IN} (V) Min	V _{IN} (V) Max	V _{CTRL} (V) Min	V _{CTRL} (V) Max	V _{REF} (Typ) (勾選方式)	I _{OUT} (A) (Range)
UR5595	<ul style="list-style-type: none"> * Power regulating with driving and sinking capability * Low output voltage offset * No external resistors required * Low external component count * Linear topology * Low cost and easy to use * Thermal shutdown protection * Support Both DDR-I (1.25 VTT) and DDR-II (0.9 VTT) Requirements * Capable of Sourcing and Sinking Current 1.5A/3A * Current-limiting Protection and Thermal Shutdown Protection * Integrated Power MOSFETs * Generates Termination Voltages for SSTL-2 * High Accuracy Output Voltage at Full-Load * Adjustable output voltage by External Resistors * Minimum External Components * Shutdown for Standby or Suspend Mode Operation with High-impedance Output. 	DDR-I DDR-II SSTL-2 SSTL-3 HSTL Termination	2.2	5.5	-	-	0.9V 1.25V	1.5
UR5596	<ul style="list-style-type: none"> * Support Both DDR-I (1.25 VTT) and DDR-II (0.9 VTT) Requirements * Capable of Sourcing and Sinking Current 1.5A/3A * Current-limiting Protection and Thermal Shutdown Protection * Integrated Power MOSFETs * Generates Termination Voltages for SSTL-2 * High Accuracy Output Voltage at Full-Load * Adjustable output voltage by External Resistors * Minimum External Components * Shutdown for Standby or Suspend Mode Operation with High-impedance Output. 	DDR-I DDR-II SSTL-2 SSTL-3 HSTL Termination	2.2	5.5	-	-	0.9V 1.25V	1.5
UR5515	<ul style="list-style-type: none"> * Support Both DDR-I (1.25 VTT) and DDR-II (0.9 VTT) Requirements * Capable of Sourcing and Sinking Current 1.5A/3A * Current-limiting Protection and Thermal Shutdown Protection * Integrated Power MOSFETs * Generates Termination Voltages for SSTL-2 * High Accuracy Output Voltage at Full-Load * Adjustable output voltage by External Resistors * Minimum External Components * Shutdown for Standby or Suspend Mode Operation with High-impedance Output. 	DDR-I DDR-II SSTL-2 SSTL-3	1.6	6	-	6	0.9V 1.25V	1.5,3
UR5512	<ul style="list-style-type: none"> * DDR-I and DDR-II termination voltage applications * Driving and sinking current up to 2A * Low output voltage offset (within 20mV@±2A) * Adjustable output voltage by external resistors * Suspend to RAM (STR) functionality * Current limiting protection * Thermal protection * Cost-effective and easy to use 	DDR-I DDR-II SSTL-2 SSTL-3	1.6	5.5	3.1	6	0.85V 1.75V	2
UR5513*	<ul style="list-style-type: none"> * VCNL Voltage Range: 2.9~5.5V * VIN Voltage Range: 1.1V~3.5V * Support Ceramic Capacitors * Power Good Indicator * DDRIII,Low Power DDRIII/DDRIV VTT Applications * 2A Source/Sink VTT output * 10mA Source/Sink Reference output 	DDRIII Low Power DDRIII DDRIV	1.1	3.5	2.9	5	-	2
UR6511	<ul style="list-style-type: none"> *DDR1/ DDR2/DDR3/Low Power DDR3 termination voltage applications *Sink and Source Current : 2A *Low output voltage offset within 20mV *Adjustable output voltage by external resistors *Integrated power MOS devices *Suspend to RAM(STR) functionality *Current Limiting Protection *Thermal Shutdown Protection *Cost-effective and easy to use 	DDR1 DDR2 DDR3 Low Power DDR3	1.0	5.5	3	5.5	-	2
UR6512	<ul style="list-style-type: none"> * DDR1/ DDR2/DDR3 Termination Voltage Applications * Adjustable Output Voltage by External Resistors * Integrated Power MOS Devices * Suspend to RAM(STR) Functionality * Current Limiting Protection * Thermal Shutdown Protection * Cost-Effective and Easy to Use 	DDR-I DDR-II DDR-III	1.5	2.5	3.3	5	0.75V 1.25V	2
UR6516B	<ul style="list-style-type: none"> * Ideal for DDR-I ,DDR-II * Output Voltage could Drop Down to 0.6V * Source and Sink up to 2A, Without an External Heat Sink * Integrated Power MOSFETs * Output Voltage Varies through Adjusting External Resistors * ICQ is Lower than 500uA at VCCA * Thermal Shutdown Protection, Current Limit Protection, and Short Circuit Protection Circuits Included * Shutdown for Standby or Suspend Mode Operation * Requiring Minimum External Components 	DDR-I DDR-II SSTL-2 SSTL-3	1	6	3.15	6	0.75V 0.9V 1.25V	2
UR6515C	<ul style="list-style-type: none"> * DDR1/ DDR2/DDR3 termination voltage applications * Sink and Source Current * Adjustable output voltage by external resistors * Integrated power MOS devices * Suspend to RAM(STR) functionality * Current Limiting Protection * Thermal Shutdown Protection * Cost-effective and easy to use * Provide bi-direction current 	DDR-I DDR-II DDR-III	1.5	2.5	3.3	5	0.75V 0.9V 1.25V	2
UR5516	<ul style="list-style-type: none"> - Sourcing or sinking current up to 3A * 1.25V/0.9V output for DDR I/II applications * Fast transient response 	DDR1 DDRII	1.2	3.5	3.1	6	0.85V 1.75V	3
UR5516A	<ul style="list-style-type: none"> 3.0A for DDR-I; DDR-II; SSTL-2 and SSTL-3 Bus Termination 1.25V and 0.9V Output 	DDR-I DDR-II SSTL-2 SSTL-3	1.2	3.5	3.1	6	0.85V 1.75V	3
UR5516B	<ul style="list-style-type: none"> 3.0A for DDR-I; DDR-II; SSTL-2 and SSTL-3 Bus Termination 1.25V and 0.9V Output 	DDR-I DDR-II SSTL-2 SSTL-3	1.2	3.5	3.1	6	0.85V 1.75V	3
UR5516C	<ul style="list-style-type: none"> 3.0A for DDR-I; DDR-II; SSTL-2 and SSTL-3 Bus Termination 1.25V and 0.9V Output 	DDR-I DDR-II SSTL-2 SSTL-3	1.2	3.5	3.1	6	0.85V 1.75V	3
UR6515A	<ul style="list-style-type: none"> * DDR1/ DDR2 termination voltage applications * Low output voltage offset within 20mV * Source and sink 3A peak current * Adjustable output voltage by external resistors * Integrated power MOS devices * Suspend to RAM(STR) functionality * Current Limiting Protection * Thermal Shutdown Protection * Cost-effective and easy to use 	DDR-I DDR-II	1.5	2.5	3	5	0.75V 0.9V 1.25V	3
UR6515D	<ul style="list-style-type: none"> * DDR1/ DDR2/DDR3 termination voltage applications * Sink and Source Current -2A Continues Current -Peak 3A for DDR1&DDR2 -Peak 2.5A for DDR3 * Low output voltage offset within 20mV * Source and sink 3A peak current * Adjustable output voltage by external resistors * Integrated power MOS devices * Suspend to RAM(STR) functionality * Current Limiting Protection * Thermal Shutdown Protection 	DDR-I DDR-II DDR-III	1.5	2.5	3.3	5	0.75V 0.9V 1.25V	3
UR5517	<ul style="list-style-type: none"> * Input Voltage Range:3~5.5V * VLDOIN Voltage Range:1.2V~3.6V * DDR1/2/3 Termination Voltage Applications * Sourcing and Sinking Current up to 3A * ±20mV Accuracy for VTT and VTREF * 10mA Buffered Reference(VTREF) * Supports High-Z in S3(STR) and Soft-off in S5(Shutdown) * Integrated Divider Tracks 1/2 VDDQNS for Both VTT & VTREF * Built-In Soft-Start * Current Limiting Protection * Thermal Shutdown Protection 	DDR-I DDR-II DDR-III	3	5.5	1.3	3.6	0.75V 0.9V 1.25V	3

UR6517	<ul style="list-style-type: none"> *DDR1/ DDR2/DDR3/DDR4 termination voltage applications *Sink and Source Current DDR2 1.8A Sink/Source @ VIN=1.8V DDR3 1.5A Sink/Source @ VIN=1.5V LPDDR3 1.2A Sink/Source @ VIN=1.35V DDR4 1.2A Sink/Source @ VIN=1.2V *Low output voltage offset within 20mV *Adjustable output voltage by external resistors *Integrated power MOS devices *Suspend to RAM(STR) functionality *Current Limiting Protection *Thermal Shutdown Protection *Cost-effective and easy to use 	DDR-I DDR-II DDR-III DDR-IV	1	5.5	3.3	5	0.6V~0.9V	1.8
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Package (勾选方式)
SOP-8 HSOP-8
SOP-8 HSOP-8
SOP-8 TO-252-5 TO263-5
SOP-8 HSOP-8 TO-252-5
MSOP-10 DFN3030-10
HSOP-8 SOP-8
HSOP-8
SOP-8
HSOP-8
SOP-8 HSOP-8 TO-252-5 TO-263-5 SOP-8 HSOP-8 TO-252-5 TO-263-5
SOP-8 HSOP-8 TO-252-5 TO-263-5
SOP-8 HSOP-8 TO-252-5 TO-263-5
TO-252-5 TO-263-5
HSOP-8
MSOP-10 HMSOP-8 MSOP-8 HMSOP-10 DFN3030-10

HSOP-8

Power Management > Shunt Reference Regulator _Adjustable Shunt Reference Regulator

Part No. (勾選方式)	Features	TYPE (勾選方式)	V _{REF} (V) (Range)	V _{REF} (V) (Range)	I _{KA} (mA) Min (Range)	I _{KA} (mA) Max (Range)	I _{RR} (μ A) Max	Z _{KA} (Ω) Max	Package (勾選方式)
TL432D	* Temperature-Compensated: 50ppm/ $^{\circ}$ C * Internal Amplifier with 50mA Capability * Nominal Temperature Range Extended to 105C * Low Frequency Dynamic Output Impedance: <150m Ω * Low Output Noise	Adjustable Shunt	15	0.8	1	50	3	-	SOP-8 SOT-23 SOT-25 SOT-89 TO-92
TL432C	1.24V Precision Adjustable Shunt Reference Regulator (+1.0%/+2.0%) *Internal Amplifier with 50mA Capability *Low Frequency Dynamic Output Impedance:<150m Ω *Low Output Noise	Adjustable Shunt	15	1.24	1	10	6	-	SOP-8 SOT-23 SOT-25 SOT-89 TO-92
TL432	*Temperature-Compensated:50ppm/ $^{\circ}$ C *Internal amplifier with 50mA Capability *Nominal temperature range extended to 85 $^{\circ}$ C *Low frequency dynamic output impedance: <150 Ω *Low output noise	Adjustable Shunt	15	1.25	1	50	6	-	SOP-8 SOT-23 SOT-23-3 SOT-25 SOT-89 TO-92
TL431	* Programmable output Voltage to 36V. * Low dynamic output impedance 0.2 Ω . * Sink current capability of 1.0 to 100mA. * Equivalent full-range temperature coefficient of 50ppm/ $^{\circ}$ C typical for operation over full rated operating temperature range.	Adjustable Shunt	36	2.495	0.5	100	4	0.5	SOT-23 SOT-23-3 SOT-25 SOT-89 TO-92
TL431TV	* Programmable output Voltage to 36V. * Low dynamic output impedance 0.2 Ω . * Sink current capability of 1.0 to 100mA. * Equivalent full-range temperature coefficient of 50ppm/ $^{\circ}$ C typical for operation over full rated operating temperature range.	Adjustable Shunt	36	2.495	1	100	6	0.5	SOT-23-3
TL431H	* Programmable output Voltage to 36V. * Low dynamic output impedance 0.2 Ω . * Sink current capability of 1.0 to 100mA. * Equivalent full-range temperature coefficient of 50ppm/ $^{\circ}$ C typical for operation over full rated operating temperature range.	Adjustable Shunt	36	2.495	1	100	4	0.5	TO-92
LL431	*Programmable output Voltage to 36V. *Sink current capability of 1.0 to 100mA. *Equivalent full-range temperature coefficient of 50ppm/ $^{\circ}$ C typical for operation over full rated operating temperature range.	Adjustable Shunt	36	2.495	0.1	100	4	0.5(Typ.)	SOP-8 SOT-23 SOT-25 SOT-23-3 SOT-89 TO-92
ULVH431	*Adjustable output voltage; V _O =V _{REF} to 18 V * Low-Voltage operation: VREF= 1.24 V * Wide operating cathode current range: 100 μ A to 50mA * Reference voltage tolerances at 25 $^{\circ}$ C * 0.25- Ω typical output impedance	Adjustable Shunt	18	1.24	0.1	50	0.5	0.4	SOT-23-3 SOT-23-5 SOT-25 SOT-89 TO-92
TL1093	*Programmable output Voltage to 36V. *Low dynamic output impedance 0.2 Ω . *Sink current capability of 1.0 to 100mA. *Equivalent full-range temperature coefficient of 50ppm/ $^{\circ}$ C typical for operation over full rated operating temperature range.	Adjustable Shunt	36	2.495	0.5	100	4	0.5	SOT-25 SOT-89
TL431L	*Programmable Output Voltage to 20V *Low Dynamic Output Impedance 0.2 Ω *Sink Current Capability of 1.0 ~ 100mA *Equivalent full-Range Temperature Coefficient of 50ppm/ $^{\circ}$ C Typical for Operation over full Rated Operating Temperature Range	Adjustable Shunt	20	2.5	1	100	4	0.5	SOP-8 SOT-23 SOT-25 MSOP-8 SOT-89 TO-92 SOT-23-3
LM4041	* Low Output Noise : 20 μ V RMS (Typ.) * Operating Current range : 45 μ A ~ 12mA	Micropower Voltage	10	1.225 3.0 5	0.07	12	-	0.2	SOT-23 SOT-23-3
M385	* Initial tolerance: 1% * Operating current range: 10 μ A~20mA for VR=1.235V 20 μ A~20mA for VR=2.5V * Low temperature coefficient * Low voltage reference	Micropower Voltage	-	1.235 2.5	0.015	30	-	1.0	SOP-8 SOT-23
TL431HP	* Programmable output Voltage to 36V. * Low dynamic output impedance 0.2 Ω . * Sink current capability of 1.0 to 100mA. * Equivalent full-range temperature coefficient of 50ppm/ $^{\circ}$ C typical for operation over full rated operating temperature range	Adjustable Shunt	36	2.495	0.5	100	4	0.5	SOT-23-3 TSOT-23 SOT-23 SOT-25 SOT-89

Power Management > Shunt Reference Regulator+Op+Comp (Combo IC)

Part No. (封装方式)	Features	Function (封装方式)	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Icc (mA) Min (Range)	Icc (mA) Max (Range)	VREF for CV (V) (封装方式)	VREF for CC (mV) (封装方式)	Constant Voltage Reference Tolerance (%) (封装方式)
UM601A	Voltage and Current Controller (Vref+1 Op+2 for Charger) * 1.24V Series Voltage Reference with 10mA Output Current and 1% Precision (UM601A) * Two Operational Amplifiers with Ored Output and 1MHz Gain Bandwidth Product * Built-In Current Generator with Enable / Disable Function * $I_{CC} = 32\mu A$ (Typical)	* Vref+1 and Op+2	4.5	32	-	2	1.24	-	±1 ±2.5
UM602A	Dual Operational Amplifier-Dual Comparator and Adjustable Voltage Reference (Vref+1 Op+2 Comp+2 for Charger) OPERATIONAL AMPLIFIERS * Low supply current: 200 μA /amp. * Medium speed: 2.1MHz * Low level output voltage close to VCC- : 0.1V typ. * Input common mode voltage range includes ground COMPARATORS * Input common mode voltage range includes ground * Low output saturation voltage: 250mV(I _O =4mA) REFERENCE * Adjustable output voltage: VREF to 32V * Reference voltage tolerance UM602A-1: ±0.4% UM602A-2: ±1% * Sink current capability: 1~100mA	* Vref+1 Op+2 Comp+2	3	32	-	-	2.5	-	±0.4 ±1
UM603A	Dual Operational Amplifier and Current Controller (Vref+1 Op+2 for Charger) OPERATIONAL AMPLIFIER * Low input offset voltage: 0.5mV typ. for LTC UM603A * Low supply current: 350 μA /op. (@ VCC= 5 V) * Medium bandwidth(unity gain): 0.9MHz * Large output voltage swing: 0 V ~ (VCC-1.5 V) * Input common mode voltage range includes ground * Wide power supply range: 3V ~ 32V ±1.5 ~ ±16V VOLTAGE REFERENCE * Fixed output voltage reference 2.5V * Reference voltage tolerance UM603A-1: ±0.4% UM603A-2: ±1% * Sink current capability: 1 ~ 100mA * Typical output impedance: 0.2 Ω	* Vref+1 and Op+2	3	32	-	2	2.5	-	±0.4 / ±1
UM604A	Quad Operational Amplifier and Programmable Voltage Reference (Vref+1 Op+4 Comp for Charger) OPERATIONAL AMPLIFIER * Low supply current : 375 μA /op. (@ VCC= 5 V) * Low input bias current : 20nA * Medium speed : 0.9MHz * Low input offset voltage : 0.5mV typ for UM604 * Wide power supply range : ±1.5 ~ ±15V VOLTAGE REFERENCE * Adjustable output voltage : VREF to 36V * Reference voltage tolerance UM604A-1: ±0.4% UM604A-2: ±1% * Sink current capability : 1 ~ 100mA * Typical output impedance : 0.2 Ω	* Vref+1 Op+4 Comp	3	32	-	4	2.5	-	±0.4 ±1
UM605A/B	Dual Operational Amplifier and Current Controller Shunt Regulator (A=2.5V B=1.25V) * Internal accurate 2.5V / 1.25V VREF * Reduced external components	* Vref+1 and Op+2	4	20	1.2	1.7	2.5 1.25	152~160	±2
UM606	Dual Operational Amplifier and 1.21V Voltage Reference with ±1% for CC and CV Controlling * Constant Voltage and Constant Current Control * Precision Internal Voltage Reference * Few External Components * Easy Compensation	* Vref+1 and Op+2	2.5	18	0.6	1.2	1.21	200 70	±1 ±2
UM607	Power Management > Dual Operational Amplifier and Shunt Regulator CC and CV Control for Battery Charger & Adaptor * Constant Voltage Control (CV) and Constant Current Control (CC) * Input voltage ranging from 2.2V to 14V * 40mA photo coupler driver current typically * 1mA maximum operating current * Internal Precision Voltage Reference : 1.240V ± 1% * Easy compensation and low external component count.	* Vref+1 and Op+2	2.2	14	0.6	1	1.24	150 70	±1
UM608	Constant Voltage And Constant Current Controller For Battery Chargers * Constant Voltage and Constant Current Control * Precision Internal Voltage Reference * Few External Components * Easy Compensation * Charge status output for LED * build-in overvoltage protection for battery	* Vref+1 and Op+3	5	32	2	4	2.5	-	±4
UM609A	Dual Operational Amplifier and Current Controller (Vref+1 Op+2 for Charger) * Low supply current: 75 μA /Per OP AMP. (@ VCC=5V) * Medium bandwidth(unity gain): 1MHz * Large output voltage swing: 0V ~ (VCC-1.5V) * Wide power supply range: 3V~36V VOLTAGE REFERENCE * Fixed output voltage reference 2.5V * Reference voltage tolerance UM609A-1: ±0.4% UM609A-2: ±1% * Sink current capability: 0.05~80mA * Typical output impedance: 0.2 Ω	* Vref+1 and Op+2	3	36	0.24	0.3	2.5	-	±0.4 ±1
UM610	Constant Voltage And Constant Current Controller * constant voltage and constant current control * Low supply current: 190 μA * operating power supply range: 3.5V~36V * precision internal voltage reference 2.5V * low current sense threshold:30mV/50mV * easy compensation * low external component count	* Vref+1 and Op+2	3.5	36	-	0.19	2.5V	30 48	±0.5
UM611	Double Constant Voltage Controllers * Constant voltage control * Low supply current: 0.45mA (VCC=5V) * Easy compensation * Precision Internal Voltage Reference: 0.6V/0.8V * Low external component * Operating power supply : 3V~20V	* Op+2	3	20	2.2	3.6	0.8	0.6	±1
UM612	SPS SECONDARY-SIDE CC/CV CONTROLLER * Secondary-Side Constant Voltage (CV) and Constant Current (CC) Control * 4.75V to 5V Operation Voltage Range * 0.6mA Quiescent Current * ±1% Output Voltage Accuracy at Full Temperature Range * Smooth Transition Between CC and CV Control Loops * -5V Negative Voltage Tolerance at CP pin	* Vref+1 and Op+2	4.75	50	-	0.6	2.5V	30 61	±0.5
UM2112S	Single Operational Amplifier and Vref * Single-Supply Operation * Low Operating Voltage: ±2.7V~20V * Low Operating Current: 1.3mA (Typ.)	* Op+1	2.7	20	1.6	2.35	-	68	±8

Package (封装形式)
DIP-8 SOP-8
DIP-16 SOP-16
SOP-8 TSSOP-8
DIP-16 SOP-16
SOT-25
SOT-26
SOT-26
SSOP-10 MSOP-10
SOP-8 MSOP-8
SOT-26
SOT-26
SOT-26
SOT-25

Power Management > AC/DC Switching Regulators

Part No. (封装方式)	Features	Topology (封装方式)	Vcc(MAX)(V) (Range)	Vcc(ON) (TYP)(V) (Range)	Vcc(OFF) (TYP)(V) (Range)	Freq.(TYP) (KHz) (Range)	Freq.(MXA) (KHz) (Range)	Duty Cycle % (Range)	Start-up current (mA)	Operating current (mA)	BV _{oss} (MIN)(V) (Range)	RDS(on) (MAX)(Ω) (Range)
UC1842A	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 125°C	* SSR	30	16	10	-	500	97	0.12	12	-	-
UC1843A	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 125°C	* SSR	30	8.4	7.6	-	500	97	0.12	12	-	-
UC1842B	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 125°C	* SSR	30	16	10	-	500	96	0.25	12	-	-
UC1843B	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 125°C	* SSR	30	8.4	7.6	-	500	96	0.25	12	-	-
UC1844	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS * Operation output switching frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 125°C	* SSR	30	16	10	-	500	48	0.25	12	-	-
UC1845	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS * Operation output switching frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 125°C	* SSR	30	8.4	7.6	-	500	48	0.25	12	-	-
UC2842B	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 85°C	* SSR	30	16	10	-	500	96	0.25	12	-	-
UC2843B	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 85°C	* SSR	30	8.4	7.6	-	500	96	0.3	12	-	-
UC3842A	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature 0 ~ 70°C	* SSR	30	16	10	-	500	97	0.12	12	-	-
UC3843A	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature 0 ~ 70°C	* SSR	30	8.4	7.6	-	500	97	0.12	12	-	-
UC3843A-Q	*Low Start Up Current (Typical 0.12mA) *Automatic Feed Forward Compensation *Pulse-by-Pulse Current Limiting *Double Pulse Suppression *High current Totem Pole Output to Drive MOSFET Directly *Internally Trimmed Band Gap Reference *500kHz Operation	* SSR	30	8.4	7.6	-	500	97	0.12	11	-	-
UC3842B	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature 0 ~ 70°C	* SSR	30	16	10	-	500	96	0.25	12	-	-
UC3843B	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS *Low Start Up Current (Typical 0.12mA) * Operation frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature 0 ~ 70°C	* SSR	30	8.4	7.6	-	500	96	0.25	12	-	-
UC3842G	* Low startup and operating current * User defined switching frequency(Norm is 52kHz) * Power-saving mode for low power * Under voltage lockout with hysteresis * Latching PWM for Cycle-by-Cycle current limiting * Internally trimmed reference with undervoltage lockout	* SSR	30	15	10	52	-	94	0.015	7	-	-
UC2844	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS * Operation output switching frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 85°C	* SSR	30	16	10	-	500	48	0.25	12	-	-
UC2845	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLERS * Operation output switching frequency up to 500 kHz * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * Internally trimmed reference with under voltage lockout * UVLO with hysteresis * Low startup and operating current * Operation Temperature -40 ~ 85°C	* SSR	30	8.4	7.6	-	500	48	0.25	12	-	-

UC3844	High Performance Current Mode PWM Controllers * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * UVLO with hysteresis * Low startup and operating current * Operation Temperature = 0 ~ 70 °C	* SSR	30	16	10	-	500	48	0.25	12	-	-
UC3845	High Performance Current Mode PWM Controllers * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * High current totem pole output * UVLO with hysteresis * Low startup and operating current * Operation Temperature = 0 ~ 70 °C	* SSR	30	8.4	7.6	-	500	48	0.25	12	-	-
UC3846	Current Mode PWM Controller * Built-in under-voltage lockout * Soft start * Programmable pulse-by-pulse current limiting * Improved load response characteristics * Double pulse suppression	* SSR	40	7.7	-	-	500	-	-	17	-	-
UC3943	* With burstmode for lower standby power * With greenmode for higher light load efficiency * Automatic feed forward compensation * Latching PWM for cycle-by-cycle current limiting * Internally trimmed reference with undervoltage lockout * High current totem pole output * Undervoltage lockout with hysteresis * Low startup and operating current	* SSR	30	8.4	7.6	-	250	96	0.25	12	-	-
UC2846	Current Mode PWM Controller * Built-in under-voltage lockout * Soft start * Programmable pulse-by-pulse current limiting * Improved load response characteristics * Double pulse suppression	* SSR	40	7.7	-	-	500	-	-	17	-	-
UC3600/B	LOW COST POWER-SAVING MODE PWM CONTROLLER FOR FLYBACK CONVERTERS * Dynamic peak current limiting for constant output power * OTP,OLP,DVP and VDD clamp for higher security * Fixed switch frequency 65kHz * Low start-up current * Cycle-by-cycle Current Limiting	* SSR	30	18.5	7	65	70	78	0.002	0.8	-	-
UC3837	Low Cost Power-Saving Mode PWM Controller for Flyback Converters * Dynamic peak current limiting for constant output power * OTP,OLP,DVP and VDD clamp for higher security * Fixed switch frequency 65kHz * Low start-up current * Cycle-by-cycle Current Limiting	* SSR	23	14.5	8.5	65	75	75	0.005	3.2	-	-
UC3838	LOW COST POWER-SAVING MODE PWM CONTROLLER FOR FLYBACK CONVERTERS * Cycle-by-cycle current limiting * CCM Power-saving mode Switching Operation * Built-in synchronized slope compensation * Gate output voltage clamped at 17V * Adjustable DC output OVP/OTP * OLP/VCC DVP/Internal OTP (automatic recovery) * OTP through a NTC (latch mode)	* Quasi-Resonant	32	16	7.7	65	70	64	0.001	0.68	-	-
UC3848	High Performance Power-Saving Mode PWM Controllers * Soft Start * Over Temperature Protection * Overload Protection * Over Voltage Protection * Leading Edge Blanking * Cycle-by-Cycle Current Limiting	* SSR	30	14.2	8.2	68	75	74	0.022	7	-	-
UC3849*	Power-Saving Mode PWM Controllers	* SSR	36	16.5	9.7	65	70	77	0.004	0.8	-	-
UC3849B	LOW COST POWER-SAVING MODE PWM CONTROLLER FOR FLYBACK CONVERTERS * Dynamic peak current limiting for constant output power * Built-in synchronized slope compensation * Programming OTP for higher security * Cycle-by-cycle Current Limiting * Under voltage lockout (UVLO) * Few external components required	* SSR	36	18	7	65	70	78	0.002	0.8	-	-
UC3853A	CURRENT MODE PWM CONTROLLER FOR FORWARD AND FLYBACK APPLICATIONS * Peak Current Mode Control * Adjustable Internal Ramp Compensation * Jittering Frequency 40% of the Switching Frequency * Power-saving mode for high standby efficiency * Delayed Operation Upon Start-up via an Internal Fixed Timer	* SSR	29	10	9	100	110	46	0.005	1.1	-	-
UC3856	Low Cost Power-Saving Mode PWM Controller For Fly-Back Converters * Dynamic peak current limiting for constant output power * Built-in synchronized slope compensation * OTP,OLP,DVP and VDD clamp for higher security * High efficiency HV start * Cycle-by-cycle current limiting * Few external components required	* SSR	35	19	7	65	70	78	0.002	0.18	-	-
UC3863	Low Cost Power-Saving Mode PWM Controller for Flyback Converters * Built-in synchronized slope compensation * OTP,OLP,DVP and VDD clamp for higher security * Programmable PWM Frequency * Cycle-by-cycle Current Limiting * Few external components required	* SSR	30	13.5	8	65	70	78	0.0025	1.2	-	-
UC3863A	Low Cost Power-Saving Mode PWM Controller for Flyback Converters * Built-in synchronized slope compensation * OTP,OLP,DVP and VDD clamp for higher security * Programmable PWM Frequency * Cycle-by-cycle Current Limiting * Few external components required	* SSR	36	18	7	65	70	78	0.002	0.8	-	-
UC3869A	HIGH VOLTAGE GREEN MODE PWM CONTROLLER * High voltage startup * Power on soft start reducing MOSFET Vds stress * Efficiency and minimum standby power * Audio noise free operation * Fixed 65 kHz switching frequency	* SSR	36	18	7	65	70	78	0.002	0.8	-	-

UC3869H	HIGH VOLTAGE GREEN MODE PWM CONTROLLER * High voltage startup * Power on soft start reducing MOSFET VDS stress * Efficiency and minimum standby power * Audio noise free operation * Fixed 100KHz switching frequency	* SSR	36	18	7	100	108	78	0.002	0.8	-	-
UC3873	Low Cost Power-Saving Mode PWM Controller for Flyback Converters * Dynamic peak current limiting for constant output power * Built-in synchronized slope compensation * OLP, OVP and VDD clamp for higher security * Programming OTP for higher security * Cycle-by-cycle Current Limiting * Few external components required	* SSR	30	13.8	8.2	65	70	76	0.0025	1.5	-	-
UC3873H	LOW COST POWER-SAVING MODE PWM CONTROLLER FOR FLYBACK CONVERTERS * Dynamic peak current limiting for constant output power * Built-in synchronized slope compensation * OTP and OVP automatic recovery * Programming OTP for higher security * Few external components required	* SSR	36	18	7	100	108	78	0.002	0.8	-	-
UC3873A	Low Cost Power-Saving Mode PWM Controller for Flyback Converters * Dynamic peak current limiting for constant output power * Built-in synchronized slope compensation * OVP and VDD clamp for higher security * Programming OTP for higher security * Cycle-by-cycle Current Limiting * Few external components required	* SSR	36	19	7	65	70	78	0.002	0.8	-	-
UC3873B	Low Cost Power-Saving Mode PWM Controller for Flyback Converters * Dynamic peak current limiting for constant output power * Built-in synchronized slope compensation * OVP, OVP and VDD clamp for higher security * Programming OTP for higher security * Cycle-by-cycle Current Limiting * Few external components required	* SSR	30	13	7	100	105	78	0.0025	0.8	-	-
UC3875A	LOW COST POWER-SAVING MODE PWM CONTROLLER FOR FLYBACK CONVERTERS * Dynamic peak current limiting for constant output power * Built-in synchronized slope compensation * OTP, OVP and VDD clamp for higher security * Programmable PWM frequency * Cycle-by-cycle Current Limiting * Few external components required	* SSR	36	18	7	65	70	78	0.002	0.8	-	-
UC3883	HIGH PERFORMANCE CURRENT MODE PWM CONTROLLER WITH PEAK LOAD * Power on Soft Start Reducing MOSFET VDS Stress * Frequency shuffling for EMI * Extended Burst Mode Control for Improved Efficiency and Minimum Standby Power Design * Audio Noise Free Operation * Frequency Triple for peak load (180KHz) * Adjustable Overload Protection (OLP) delay time	* SSR	36	20/15.3	8.2	65	70	77	0.0015	0.85	-	-
UPSR104	High Precision CC/CV Primary Side Regulator * Programmable CV and CC regulation * Adjustable Constant Current and Output Power Setting * Built-in Primary winding inductance compensation * Cycle-by-cycle Current Limiting	* PSR	29	14.8	9	65	70	-	0.002	1.6	-	-
UPSR108	HIGH PRECISION CC/CV PRIMARY-SIDE PWM CONTROLLER WITH FAST DYNAMIC RESPONSE * ±3% CC and CV Precision * Easily Meet EPC Level 6 * QR Mode Control for High Efficiency and Low EMI * Programmable CV and CC Regulation * Less than 100mW Standby Power * Programmable Cable drop Compensation * Pin Floating Protection * Fast Dynamic Response	* PSR	35	15.5	9.5	-	-	-	0.002	1	-	-
UPSR107	HIGH PRECISION CC/CV PRIMARY-SIDE PWM CONTROLLER * ±3% CC and CV Precision * Easily Meet EPC Level 6 * QR Mode Control for High Efficiency and Low EMI * Programmable CV and CC Regulation * Less than 70mW Standby Power * Programmable Cable drop Compensation * Pin Floating Protection	* PSR	35	15.5	9.5	-	-	-	0.002	1	-	-
UC1100	LOW-POWER HIGH PRECISION CC/CV PRIMARY SIDE SWITCHING REGULATOR * Tight CC regulation performance * Eliminates opto-coupler and secondary CV/CC control circuitry * Flyback topology in DCM operation * Open feedback protection	* PSR	36	18.5	9	-	-	-	0.003	0.35	-	-
UC1103	High Precision CC/CV Primary Side Regulator * HV-startup * Programmable CV and CC regulation * Programmable cable compensation in CV mode * Flyback topology in DCM operation * Built-in leading edge blanking * Cycle-by-cycle current limiting	* PSR	30	16	9	50	53	-	-	1.6	-	-
UPSR801	High Precision CC/CV Primary Side Regulator * Programmable CV and CC regulation * Flyback topology in DCM operation * Driver BJT switch * Programmable cable drop compensation * Built-in leading edge blanking	* PSR	30	12.5	7.5	-	-	-	0.001	0.3	-	-
UPSR802	High Precision CC/CV Primary Side Regulator * Programmable CV and CC regulation * Flyback topology in DCM operation * Driver BJT switch * Programmable cable drop compensation * Audio noise free operation * Improved dynamic response	* PSR	30	12.5	6.8	-	-	-	0.01	0.4	-	-
UPSR803	High Precision CC/CV Primary Side Regulator * Multi-Mode control for cancel audio noise * Programmable CV and CC regulation * Flyback topology in DCM operation * Driver BJT switch * Built-in leading edge blanking	* PSR	30	18	6.5	-	-	-	0.003	0.8	-	-
UPSR105*	* 10mW No-load Input Power * External Adjustable Line Compensation for CC * External Adjustable Cable Compensation for CV * VCS Filter to Reduce System EMI * Valve-on for the higher efficiency and Better EMI * Transformer Saturation Protection (TSP) via Primary Peak * Matching 2nd-side synchronous rectification with Schottky Synchronous Rectifier Solution	* PSR	30	13	5.9	-	80	-	0.0175	0.45	-	-

UC3801	<ul style="list-style-type: none"> Proprietary frequency hopping for improved EMI performance Cycle-by-cycle current limiting CDM/Valley Switching Operation Dynamic peak current limiting for constant output power Built-in synchronized slope compensation Gate output voltage clamped at 16V Adjustable DC output OVP/UVP/OTP OLP/VCC OVP/OTP/BNQ/LNO (automatic recovery) Internal Soft Start 	* Quasi-Resonant	36	16	7.6	65	70	64	0.001	0.68	-	-
UC3816	<ul style="list-style-type: none"> Proprietary frequency hopping for improved EMI performance Cycle-by-cycle current limiting CDM/Valley Switching Operation Dynamic peak current limiting for constant output power Built-in synchronized slope compensation Adjustable DC output OVP OLP/VCC OVP/OTP/BNQ/LNO (automatic recovery) Internal Soft Start 	* Quasi-Resonant	36	17.5/14.5	7.5/7.3	65	70	62	0.001	0.8	-	-
UC3916A	<ul style="list-style-type: none"> Proprietary frequency hopping for improved EMI performance Cycle-by-cycle current limiting CDM/Valley Switching Operation Dynamic peak current limiting for constant output power Built-in synchronized slope compensation Adjustable DC output OVP OLP/VCC OVP/OTP/BNQ/LNO (automatic recovery) Internal Soft Start 	* Quasi-Resonant	36	20	8.2	65	70	66	0.0035	0.8	-	-
UC3879A	<ul style="list-style-type: none"> Built-in x-cap discharge function Proprietary frequency hopping for improved EMI performance Cycle-by-cycle current limiting CDM/Valley Switching Operation Dynamic peak current limiting for constant output power Built-in synchronized slope compensation Adjustable DC output OVP OLP/VCC OVP/OTP/BNQ/LNO (automatic recovery) Internal Soft Start 	* Quasi-Resonant	36	15	8.2	65	70	68.5	0.002	1	-	-
UC3862*	<ul style="list-style-type: none"> Proprietary frequency hopping for improved EMI performance Cycle-by-cycle current limiting CDM/Valley Switching Operation Dynamic peak current limiting for constant output power Built-in synchronized slope compensation Adjustable DC output OVP/UVP/OTP OLP/VCC OVP/OTP/BNQ/LNO (automatic recovery) Internal Soft Start 	* Quasi-Resonant	36	16	7.6	65	70	64	0.001	0.68	-	-
UC3923*	<ul style="list-style-type: none"> Proprietary frequency hopping for improved EMI performance Cycle-by-cycle current limiting CDM/Valley Switching Operation Dynamic peak current limiting for constant output power Built-in synchronized slope compensation Adjustable DC output OVP/UVP/OTP OLP/VCC OVP/OTP/BNQ/LNO (automatic recovery) Internal Soft Start 	* Quasi-Resonant	36	16	7.6	65	70	64	0.001	0.68	-	-
UCQ3738	<ul style="list-style-type: none"> Proprietary smart frequency hopping for improved EMI and output filtering ripple Cycle-by-cycle current limiting CDM/Valley Switching Operation Dynamic peak current limiting for constant output power Programmable Propagation Delay Time Gate output voltage clamped at 16V Adjustable DC output OVP/UVP Adjustable OTP (Over Temperature Protection) on CS Pin OLP/VCC OVP/OTP/BNQ/LNO (automatic recovery) Internal Soft Start 	* Quasi-Resonant	32	15	7.6	65	70	64	0.001	1	-	-
L2800	<p>Low Voltage Switching Regulator Controller</p> <ul style="list-style-type: none"> Wide supply voltage operating range: 1.8V-15V High speed operation is possible: Maximum 1MHz The error amplifier gain is set inside the IC, so peripheral components are minimized. Incorporates a soft start circuit. Incorporates a stand-by function. 	* PWM controllers	16	-	-	500	1000	75	-	5.5	-	-
TL5001	<p>Pulse width Modulation Control Circuits</p> <ul style="list-style-type: none"> Complete PWM power control Internal under voltage-lockout circuit Internal short-circuit protection Oscillator frequency : 20kHz to 500kHz Variable dead timer provides control over total range 	* PWM controllers	41	-	-	-	500	100	-	1.4	-	-
BA9741	<p>Two-Channel Switching Regulator Controller</p> <ul style="list-style-type: none"> Time-latch, short-circuit protection circuit Miss-operation prevention circuit for low-voltage input Reference voltage with output (2.5V) 	* PWM controllers	35	-	-	-	800	55	-	1.6	-	-
TL1451	<p>Dual Pulse width Modulation Control Circuits</p> <ul style="list-style-type: none"> Completely synchronized operation Internal under-voltage lockout protection Internal Short-Circuit protection Variable dead time provides control over total range Internal regulator provides a stable 2.5V reference supply 	* PWM controllers	51	-	-	-	350	-	-	1.7	-	-
U9751B	<p>Double Channels PWM Controller</p> <ul style="list-style-type: none"> Switch frequency: 400KHz Wide work voltage Programmable dead-time control UVLO protection SCP protection 	* PWM controllers	38	-	-	-	400	-	-	1.7	-	-
UB021	<p>Voltage Mode PWM Controller with Linear Power Regulator for Synchronous Buck Converter</p> <ul style="list-style-type: none"> Internal LDO Programmable output voltages Internal soft start Under voltage lockout Short circuit protection 	* PWM controllers	18	-	-	600	700	-	-	5	-	-
TL494	<p>Voltage Mode PWM Control IC</p> <ul style="list-style-type: none"> Uncommitted outputs for 200mA sink or source current Output control selects single ended or push pull operation Internal circuitry prohibits double pulses over total range Easy synchronization 	* PWM controllers	41	-	-	-	300	45	-	7.5	-	-
TL494-Q	<p>Voltage Mode PWM Control IC</p> <ul style="list-style-type: none"> Uncommitted outputs for 200mA sink or source current Output control selects single ended or push pull operation Internal circuitry prohibits double pulses over total range Easy synchronization 	* PWM controllers	41	-	-	-	300	45	-	7.5	-	-
TL594	<p>Pulse-Width-Modulation Control Circuit</p> <ul style="list-style-type: none"> Adjustable dead time Single-Ended or Push-Pull operation selected by output centre Double pulse is not allowed at either output due to its architecture 5V Internal reference voltage (1% accuracy) UVLO under the low VCC status 	* PWM controllers	41	-	-	-	300	45	-	7.5	-	-

51494	Voltage Mode PWM Control IC with Power Good Signal * Fully integrated with compact 16-pin dip * Built-in power good delay and power fail lead function. * Power good delay time is linearly * Proportional to external capacitor value.	* PWM controllers	42	-	-	-	-	45	-	6	-	-
U3525	PWM controller IC, PWM latching * Adjustable dead time control * Internal soft-start * Pulse-by-pulse shutdown * Input under-voltage lockout with hysteresis * Latching PWM to prevent multiple pulses	* PWM controllers	35	-	-	-	400	49	-	14	-	-
U3525U	PWM controller IC, PWM latching * Adjustable dead time control * Internal soft-start * Pulse-by-pulse shutdown * Input under-voltage lockout with hysteresis * Latching PWM to prevent multiple pulses	* PWM controllers	40	-	-	-	400	49	-	14	-	-
UA7527	* Internal Start-up Timer * Very Precise Adjustable Output Over Voltage Protection * Zero Current Detector * Quadrant Multiplier * Internal V _C Filter Eliminates the Need for an External R _C Filter * Trimmed 1.5% Internal Band Gap Reference * Under Voltage Lockout with 3V of Hysteresis * Totem Pole Output With High State Clamp * Low Start-up and Operating Currents	* PFC	30	11.5	-	-	-	-	0.06	3	-	-
UA7524	* Internal self-starting * Micro power start up mode * Included under voltage lockout circuit * Internal 2% reference * High output current: peak 500mA	* PFC	20	10	-	-	-	-	0.25	6	-	-
L8561	* 1% Precision (@ T _J = 25°C) Internal Reference Voltage * Output Overvoltage Protection * Very Low Power Start-Up Current * Current Sense Filter On Chip * Disable Function (with ZCD pin) * Transition Mode Operation * Gate Driving Current: \pm 400mA * 15V Gate clamp	* PFC	18	15.3	7.9	-	-	-	0.035	6	-	-
L8562	* 1% Precision (@ T _J = 25°C) Internal Reference Voltage * Output Overvoltage Protection * Very Low Power Start-Up Current * Current Sense Filter On Chip * Disable Function (with ZCD pin) * Transition Mode Operation * Gate Driving Current: \pm 400mA * 15V Gate clamp	* PFC	18	15.3	7.9	-	-	-	0.03	6	-	-
L8532	* Very Low 24uA Typical Startup Current * Constant On Time PWM Control * Cycle-by-Cycle Current Protection * Low Current Sense Threshold of 500mV * Low Link Typical Operating Current * Source 500mA/Sink 800mA Totem Pole Gate Driver * Reference Design for TRUAC and Trailing Edge Line Dimmers * Wide Operating Temperature Range * No Input Voltage Sensing Requirement * Enable Function and Overvoltage Protection	* PFC	20	12	9.5	-	-	-	0.024	2.1	-	-
L8565	* Sub-100mW High Efficiency * Average current control * External current and voltage loop compensation * Trimmed internal reference voltage (0.47%) * Max duty cycle of 95% (typ) at 125kHz * Under-voltage lockout * Cycle by cycle peak current limiting * Over-voltage protection * Open loop detection * Output under-voltage detection * Brown-out protection * Soft Over current Protection * Enhanced dynamic response	* PFC	22	11.2	10.2	125	250	95	0.1	23	-	-
L7842	* Low quiescent current * Average current, continuous boost leading edge PFC * Fast transconductance error amp for voltage loop. * Double (current & voltage) mode operation PWM * Programmable soft start * Improved anti-interference technique * UVLO pull-down and brown-out control	* PFC	14.4	13	3	76	81	95	0.7	16	-	-
MC34262	* Output over voltage protection * Internal Startup Timer * One Quadrant Multiplier * Zero Current Detector * Trimmed 2% Internal Bandgap Reference * Totem Pole Output with High State Clamp * Undervoltage Lockout (UVLO) with 5.0V of Hysteresis * Low Startup and Operating Current	* PFC	36	-	-	-	-	-	0.4	12	-	-
UC3854	* Controls Boost Preregulator to Near Unity Power Factor * Limits Line Distortion * World-Wide Line Operation * Accurate Power Limiting * Fixed Frequency Average Current Mode Control * High Bandwidth (2MHz), Low Offset Current Amplifier * Integrated Current and Voltage Amp Output Clamps * Multiplier Improvements: Linearity, 500mV VAC Offset (eliminates external resistor), 0-3V Multitout Common Mode Range * V _{BE} "GDDP" Comparator * Faster and Improved Accuracy ENABLE Comparator	* PFC	22	16/10.5	10	-	-	-	0.25	12	-	-
US1602	High Performance Current Mode Power Switch * Flyback Converters, * Hopping Technology Built-in MOSFET * Frequency Burst-PRM-PWM, Program Gate *Driver, * Support No Y-cap. And * DVP, OVP, UVLO, OCP, SCP, LEB, OTP,Soft * Start,Constant Power Limit Etc.	* SSR * Built-in MOSFET	32	20	8	65	70	80	0.002	3	600	5.5
US1652	HIGH PERFORMANCE CURRENT MODE POWER SWITCH * Power-Saving mode for low standby power, *Frequency * Hopping , * Constant Output Power Limiting , Slope Compensation * OCP,DVP,OVP,UVLO,OTP, etc.	* SSR * Built-in MOSFET	33	20	8	65	70	80	0.002	3	650	6.5
UCS1602S	High Performance Current Mode Power Switch * Internal Power MOSFET (600V) * Programming Gate Driver Capability * Internal Soft Start * Gate Output Maximum Voltage Clamp(16V) * Over Temperature Protection * Over Load Protection * Over Voltage Protection * Leading Edge Blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Built-in MOSFET	32	20	8	65	70	8	0.002	3	600	2
UCS1603S	High Performance Current Mode Power Switch * Internal Power MOSFET (600V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Over load protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Built-in MOSFET	32	20	8	65	70	80	0.002	3	600	2

UCS1604S	High Performance Current Mode Power Switch * Internal Power MOSFET (600V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	3.2	600	1.5
UCS1605S	High Performance Current Mode Power Switch * Internal Power MOSFET (600V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	1.5	600	1
UCS1652S	High Performance Current Mode Power Switch * Internal Power MOSFET (650V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	1.5	650	2.5
UCS1653S	High Performance Current Mode Power Switch * Internal Power MOSFET (650V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	3	650	2
UCS1654S	High Performance Current Mode Power Switch * Internal Power MOSFET (650V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	3.2	650	1.5
UCS1655S	High Performance Current Mode Power Switch * Internal Power MOSFET (650V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	3.5	650	1.3
UCS1657S	High Performance Current Mode Power Switch * Internal Power MOSFET (650V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp (16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	33	20	8	65	70	80	0.002	3.8	650	0.6
UCS1702S	High Performance Current Mode Power Switch * Internal Power MOSFET (700V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	2.8	700	2.5
UCS1703S	High Performance Current Mode Power Switch * Internal Power MOSFET (700V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	3	700	2
UCS1704S	High Performance Current Mode Power Switch * Internal Power MOSFET (700V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	3.2	700	1.5
UCS1705S	High Performance Current Mode Power Switch * Internal Power MOSFET (700V) * Programming Gate Driver Capability * Internal Soft start * Gate Output Maximum Voltage Clamp(16V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* SSR * Build-in MOSFET	32	20	8	65	70	80	0.002	3.5	700	1.5
US3822	* Internal High Voltage Start-up Circuit * Internal 550V Power MOSFET * Lower than 0.1W Standby Power Design * Gate Output Maximum Voltage Clamp(15V) * Over temperature protection * Overload protection * Over voltage protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* Non-isolated * Build-in MOSFET	46	14.5	7.7	60	-	-	0.0005	1.8	650	9
US3835	Primary Side Regulation Green Mode PWM Power Switch * Internal High Voltage Start-up Circuit * Internal 550V Power MOSFET * Over temperature protection * Overload protection * Leading edge blanking * Cycle-by-Cycle current limiting * Under Voltage Lock Out	* Non-isolated * Build-in MOSFET	46	14.5	7.5	60	-	-	-	0.01	150	1.1
US1651	PRIMARY-SIDE REGULATION PWM POWER SWITCH * Programmable CV and CC regulation * Adjustable constant current and output power setting * Built-in leading edge blanking (LEB) * VDD under voltage lockout * Cycle-by-Cycle current limiting * Auto-restart in over voltage condition	* PSR * Build-in MOSFET	33	15	8.5	50	-	-	0.005	1	650	12
US2351	HIGH PRECISION LOW COST HCM POWER SWITCH * Power on soft-start * Built-in error amplifier * Built-in Leading Edge Blanking (LEB) * Cycle-by-Cycle current limiting * Over loading protection * Output short-circuit protection * VDD OVP	* Non-isolated * Build-in MOSFET	40	13.5	7.8	60	66	-	0.005	1.5	600	15
US2651	HIGH PRECISION LOW COST HCM POWER SWITCH * Power on soft-start * Built-in error amplifier * Built-in Leading Edge Blanking (LEB) * Cycle-by-Cycle current limiting * Over loading protection * Output short-circuit protection * VDD Under Voltage Lockout with hysteresis (UVLO) * VDD OVP	* Non-isolated * Build-in MOSFET	40	14.5	8.5	50	60	-	.035	3	600	15

USR3651	High Precision CC/CV Primary-Side PWM Power Switch * Built-in 600V Power MOSFET * Programmable CV and CC regulation * Programmable cable compensation in CV mode * Flyback topology in DCM operation * Built-in leading edge blanking * Cycle-by-cycle current limiting * VDD under-voltage lockout	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.005	1.6	600	11
USR3652	High Precision CC/CV Primary-Side PWM Power Switch * Built-in 600V Power MOSFET * Programmable CV and CC regulation * Programmable cable compensation in CV mode * Flyback topology in DCM operation * Built-in leading edge blanking * Cycle-by-cycle current limiting * VDD under-voltage lockout	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.005	1.6	600	4
USR3651	* Built-in 650V Power MOSFET * ±5% constant voltage regulation at universal AC input * High precision constant current regulation at universal AC input * Programmable CV and CC regulation in CV mode * Programmable cable compensation in CV mode * Flyback topology in DCM operation * Built-in primary winding inductance compensation * Cycle-by-cycle current limiting	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.005	1.6	650	7.5
USR3651S	High Precision CC/CV Primary-Side PWM Power Switch * High Voltage startup circuit * Built-in 600V Power MOSFET * Programmable CV and CC regulation * Programmable cable compensation in CV mode * Flyback topology in DCM operation * Built-in leading edge blanking * Cycle-by-cycle current limiting	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.7	1.6	650	7.5
USR3652	HIGH PRECISION CC/CV PRIMARY-SIDE PWM POWER SWITCH * Built-in 650V Power MOSFET * ±5% constant voltage regulation at universal AC input * High precision constant current regulation at universal AC input * Programmable cable compensation in CV mode * Frequency hopping to reduce system EMI * Built-in primary winding inductance compensation	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.005	1.6	650	4
USR3652S	High Precision CC/CV Primary-Side PWM Power Switch * High Voltage startup circuit * Built-in 650V Power MOSFET * Programmable cable compensation in CV mode * Flyback topology in DCM operation * Built-in leading edge blanking * Cycle-by-cycle current limiting	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.7	1.6	650	5
USR3654A	HIGH PRECISION CC/CV PRIMARY-SIDE PWM POWER SWITCH * High Voltage startup circuit * ±5% constant voltage regulation at universal AC input * High precision constant current regulation at universal AC input * Programmable CV and CC regulation * Programmable cable compensation in CV mode * Flyback topology in DCM operation * Frequency hopping to reduce system EMI	* PSR * Built-in MOSFET	-	14.5	9	125	-	-	-	1.6	650	3.1
USR801A	High Precision CC/CV Primary-Side PWM Power Switch * Flyback topology in DCM operation * Built-in power NPN * Built-in leading edge blanking * Open circuit protection * Output over voltage protection * VDD over voltage protection * Short circuit protection * Over temperature protection	* PSR * Built-in BJT	30	12.5	6.8	-	-	-	0.001	0.3	700	-
USR804	HIGH PRECISION PRECISION LOW POWER SWITCH * Universal AC input range and 5.0V output voltage * Constant power mode operation at over load application * Low cost and less BOM for buck and boost applications * 40kHz (typical) maximum switching frequency * Frequency shuffling for EMI improvement * Cycle-by-cycle current limiting * FB pin open loop protection	* PSR * Built-in BJT	20	11.5	3.7	40	44	11	0.01	1.5	700	-
UCSR3654	High Precision CC/CV Primary-Side PWM Power Switch * Built-in 650V Power MOSFET * ±5% constant voltage regulation at universal AC input * High precision constant current regulation at universal AC input * Programmable CV and CC regulation * Programmable cable compensation in CV mode * Flyback topology in DCM operation * Frequency hopping to reduce system EMI * Cycle-by-cycle current limiting	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.005	1.6	650	1.6
UCSR3651S	High Precision CC/CV Primary-Side PWM Power Switch * High Voltage startup circuit * Built-in 650V Power MOSFET * Programmable CV and CC regulation * Programmable cable compensation in CV mode * Built-in leading edge blanking * Power on soft start * Cycle-by-cycle current limiting	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.7	1.6	650	3
UCSR3652S	High Precision CC/CV Primary-Side PWM Power Switch * High Voltage startup circuit * Built-in 650V Power MOSFET * Programmable CV and CC regulation * Programmable cable compensation in CV mode * Built-in leading edge blanking * Power on soft start * Cycle-by-cycle current limiting	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.7	1.6	650	2.4
UCSR3654S	High Precision CC/CV Primary-Side PWM Power Switch * High Voltage startup circuit * Built-in 650V Power MOSFET * Programmable CV and CC regulation * Programmable cable compensation in CV mode * Built-in leading edge blanking * Power on soft start * Cycle-by-cycle current limiting	* PSR * Built-in MOSFET	-	14.5	9	65	75	-	0.7	1.6	650	1.6
PSR805	Low Power Off-Line CC/CV Primary Side Power Switch * Built-in 800V Power BJT * High precision constant current regulation at universal AC input * Programmable cable compensation in CV mode * Programmable line voltage compensation * $I_{standby}$ power consumption * Frequency hopping to reduce system EMI * Built-in leading edge blanking	* PSR * Built-in BJT	30	15.5	4.5	-	-	-	0.0005	0.5	800	-
US26525Q	LOW COST POWER-SAVING MODE PWM CONTROLLER FOR FLYBACK CONVERTERS * Proprietary frequency hopping for improved EMI performance * Low standby power with only 30-70mW * Dynamic peak current limiting for constant output power * Built-in synchronized slope compensation * Adjustable DC output OVP * OLP/VCC DVP/OTP/INO/LNO (Automatic recovery)	* Quasi-Resonant * Built-in MOSFET	36	20	8.2	65	70	62	0.0035	0.8	-	-
US321S	Integrated 650V HV start-up circuit * Low standby power dissipation * Under-voltage lockout (UVLO) with hysteresis * Provides complete protection functions * Cycle-by-cycle current limit * Output over-voltage Protection	* Non-isolated	30	7.5	7	-	-	-	0.1	0.8	-	-

**Package
(勾选方式)**

DIP-8

SOP-8

DIP-8

SOP-8

SOP-8

DIP-8

SOP-8

DIP-8

DIP-8

SOP-8

DIP-8

SOP-8

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DIP-8

SOP-8

DIP-8 SOP-8
DIP-8 SOP-8
DIP-16 SOP-16 SDP-16W
SOP-8
DIP-16 SOP-16 SDP-16W
SOP-8
SOT-26
SOT-26
DIP-8 SOP-8
DIP-8 SOP-8
DIP-8 SOP-8
SOP-8
SOT-26
DIP-8 SOP-8 SOT-26
HSDP-8 SOP-8 SOT-26
DIP-8 SOP-8

DIP-8

SOP-8

SOT-26

SOT-26

SOT-26

SOT-26

DIP-8

SOP-8

SOT-26

SOT-26

SOT-26

SOT-26

SOT-26

SOP-8

SOT-26

SOT-26

SOT-25

SOP-8

SOT-26
SOT-26
SOP-8
SOP-8
SOT-26
SOT-26
SOT-26
SOT-26
SOP-8 TSSOP-8
DIP-8 SOP-8
DIP-16 SOP-16 TSSOP-16
DIP-16 SOP-16 TSSOP-16
DIP-16 SOP-16 SSOP-16
SOP-14
DIP-16 SOP-16 TSSOP-16
DIP-16 SOP-16 TSSOP-16
DIP-16 SOP-16

DIP-16 SOP-16
DIP-16 SOP-16 SOP-16W
DIP-16 SOP-16
SOP-8
DIP-8 SOP-8
DIP-8 SOP-8
DIP-8 SOP-8
SOP-8
SOP-8
DIP-16
DIP-8 SOP-8
SOP-16
DIP-7 DIP-8 TO-220F-6
DIP-8 SOP-8
DIP-8 SOP-8
DIP-8

DIP-8
DIP-8
DIP-7A DIP-8 SDP-8
DIP-7A DIP-8
DIP-7A DIP-8
DIP-7A DIP-8
TO-220F-4
DIP-7A DIP-8 SDP-8
DIP-7A DIP-8 SDP-8
DIP-7A DIP-8 SDP-8
DIP-7A DIP-8
DIP-8
DIP-8
SDP-8
SDP-8
DIP-8 SDP-8

DIP-8 SOP-8
DIP-8 DIP-7A
SOP-8
DIP-8 SOP-8
SOP-8
DIP-8
DIP-7A DIP-8
SOP-8
SOP-8
DIP-8 SOP-8
DIP-7A SOP-8
DIP-7A SOP-8 DIP-8
DIP-7A DIP-8
SOP-8
DIP-7A
SOP-8

Power Management > DC/DC switching regulators

Part No. (有源方式)	Features	Function (機能/特徴)	Synchronous (同期方式)	V _{CC} (MIN)(V) (Range)	V _{CC} (MAX)(V) (Range)	I _{OUT} (A) (Range)	V _{OUT} (V) (Range)	η(%) (Range)	Freq. (TYP) (Hz) (Range)	I _Q (MAX)(mA) (Range)	ISTBY (MAX)(μA)
P3586	3.0A 1.23Hz, PWM Step-down Switching Regulator * 10μA Shutdown Supply Current * Frequency fold back at Short Circuit * Protection Circuits: UVLO, Thermal Shutdown, OCP * Low ESR Output Capacitor Application.	* Buck	X	3.6	20	3	0.8	92%	1.2M	5	10
P1596	1.5A 150KHz, PWM Step-down Switching Regulator * Voltage mode non-synchronous PWM control * Thermal shutdown and current-limit protection * Low power standby mode * Internal current and thermal limit * Built-in switching transistor on chip * V _{OUT} 1.23V(Adj.) & 2.5V, 3.3V, 5.0V, 12.0V(Fixed)	* Buck	X	4.5	22	1.5	1.23	80%	150K	10	150
P1785	2.0A 300KHz, PWM Step-down Switching Regulator with Internal OCSET * Soft-start, Current Limit, Enable Function * Thermal Shutdown function * Built-in internal SW P-channel MOS * Duty ratio: 0% to 100% PWM control	* Buck	X	3.6	23	2	0.8	91%	300K	-	10
P1885	2.0A 300KHz, PWM Step-down Switching Regulator * Soft-start, Current Limit, Enable Function * Thermal Shutdown function * Built-in internal SW P-channel MOS * Duty ratio: 0% to 100% PWM control	* Buck	X	3.6	23	2	0.8	91%	300K	-	10
P1786	3.0A 300KHz, PWM Step-down Switching Regulator with external OCSET * Duty ratio: 0% to 100% PWM control * Soft-start, current limit, enable function * Thermal shutdown function * Built-in internal SW P-channel MOS	* Buck	X	4	23	3	0.8	91%	300K	-	10
P1886	3.0A 300KHz, PWM Step-down Switching Regulator Internal Frequency Compensation With Fewer Component Count * Soft-start, Current Limit, Enable Function * Thermal Shutdown function * Built-in internal SW P-channel MOS * Duty ratio: 0% to 100% PWM control	* Buck	X	4	23	3	0.8	88%	300K	-	10
P1888	3.0A 300KHz, PWM Step-down Switching Regulator * Soft-start, Current Limit, Enable Function * Thermal Shutdown function * Built-in internal SW P-channel MOS * Duty ratio: 0% to 100% PWM control	* Buck	X	4	23	3	1.23	88%	300K	-	10
UD24121	1.0MHz, 1.2A STEP-DOWN CONVERTER * 0.55Ω Internal Power MOSFET Switch * Stable with Low ESR Output Ceramic Capacitors * Up to 92% Efficiency * 0.1μA Shutdown Mode * Thermal Shutdown * Cycle-by-Cycle Over Current Protection	* Buck	X	4.5	24	1.2	0.81	92%	1.4M	0.8	3
UD24203*	* 100mΩ /50mΩ Low Rds(on) Internal Power MOSFETs * High Efficiency Synchronous Mode Operation * Fast 500kHz Switching Frequency * Frequency Sync from 200kHz to 2MHz External Clock * JAM Power Save Mode * Internal Soft Start * OCP Protection and Hiccup * Thermal Shutdown * Output Adjustable from 0.8V	* Buck	V	4.5	24	2	0.788	95%	500K	1	1
UD24202*	* 0.25Ω Internal Power MOSFET Switch * Stable with Low ESR Output Ceramic Capacitors * Up to 92% Efficiency * 0.1μA Shutdown Mode * Fixed 1.4MHz Frequency * Thermal Shutdown * Cycle-by-Cycle Over Current Protection * Wide 4.5V to 24V Operating Input Range * Output Adjustable from 0.85V to 5.81V	* Buck	X	4.5	24	2	0.81	92%	1.4M	0.8	3
P1595	1.5A 200KHz, PWM Step-down Switching Regulator * Output Voltage In Adjustable Output Version, * Short Circuit Protect * Duty/Off Shutdown Control Input, * Voltage Mode Non-Synchronous Pulse Width Modulation (PWM) Control.	* Buck	X	4.5	24	1.5	0.75	-	200K	8	10
P1696	2.0A 200KHz, PWM Step-down Switching Regulator * Low power standby mode * Internal OCP and OTT * V _{OUT} =1.23V(Adj.), 2.5V, 3.3V, 5.0V, 12.0V(Fixed)	* Buck	X	4.5	24	2	1.23	-	200K	10	200
P1583	2.5A 380KHz, PWM Step-down Switching Regulator * Frequency foldback at short circuit * Thermal shutdown * Under voltage lock output * Current mode with low ESR output ceramic capacitors * Up to 90% efficiency	* Buck	X	-	24	2.5	1.245	95%	380K	2	36
P1580	2.5A 380KHz, PWM Step-down Switching Regulator * Frequency Feedback at Short Circuit * Thermal Shutdown * Under Voltage Lock Output * Current Mode With Low ESR Output Ceramic Capacitors * Up to 90% Efficiency	* Buck	X	3.5	2.8	2.5	1.222	90%	380K	1.7	-
P1986	3.0A 330KHz, PWM Step-down Switching Regulator Built-in Soft Start With Fewer Component Count * Duty ratio varies from 0% to 100% PWM control * Built-in switch P-channel power MOS * Halogen Free	* Buck	X	3.6	28	3	0.8	-	330K	5	10
P2583	3.0A 380KHz, PWM Step-down Switching Regulator * Frequency Foldback at Short Circuit * Thermal Shutdown * Under Voltage Lock Output * Current Mode with Low ESR Output Ceramic Capacitors * Up to 90% Efficiency	* Buck	X	3.6	28	3	1.222	90%	380K	3.5	-
UC34363	2.0A 75KHz, PWM Switching Regulator * CV/CC linear charge * PWM control Mode * Available charge current * Over Voltage protect, Over Current Protect * Enable Control Function * Very Low Power Dissipation in Standby Mode	* Buck	X	8	30	2	3	-	75K	-	15000
P3596	3.0A 150KHz, PWM Step-down Switching Regulator * Low power standby mode * High efficiency * Internal current and thermal limit * V _{OUT} =1.23V(Adj.), 2.5V, 3.3V, 5.0V, 12.0V(Fixed)	* Buck	X	4.5	35	3	1.23	90%	150K	10	200
UD36061	2MHz, 0.6A STEP-DOWN CONVERTER * > 90% Efficiency * Internally Compensated * Internal Soft-Start * Precision Current Limit Without Current Sensing Resistor * 5μA Low Shutdown Supply Current	* Buck	X	3.6	36	0.6	0.794	90%	2M	0.130	-
UC34463	2.0A 200KHz, PWM Buck Switching Regulator * Voltage mode non-synchronous PWM control * Thermal shutdown and current-limit protection * ON/OFF shutdown control input * Low power standby mode * Built-in switching transistor on chip	* Buck	X	-	40	2	-	-	200K	10	200
P3576B	2.0A 150KHz, PWM Step-down Switching Regulator * Low power standby mode * Internal current and thermal limit * Built-in Switching Transistor On chip.	* Buck	X	4.5	40	2	5	80%	150K	8	200

Power Management > DC/DC switching regulators

LD1596	2.0A 150kHz, 40V Buck DC/DC Converter With Constant Current Loop <ul style="list-style-type: none"> Minimum Drop Out 1.5V Internal Optimize Power Transistor Excellent line and load regulation TTL shutdown capability ON/OFF pin with hysteresis function 	Buck	X	4.5	40	2	1.235	81%	150K	5	200
P2576_IV	Very High Efficiency <ul style="list-style-type: none"> TTL Shutdown Low Power Standby Mode Thermal Shutdown Current Limit Protection Internal Oscillator: 50 kHz Fixed Frequency Vout=3.3V, 5V, 12V, 15V, ADJ=1.23V 	Buck	X	7	60	3	1.23	88%	52K	10	200
UMC3167	5.0A 72kHz, STEP-UP/DOWN/INVERTING SWITCHING REGULATORS <ul style="list-style-type: none"> Precision 2% Reference 0% ~ 95% Output Duty Cycle Cycle-by-Cycle Current Limiting Undervoltage Lockout with hysteresis Internal Thermal Shutdown 	Buck Boost Inverting	X	7.5	40	5	5.05	-	72K	-	100
P4596	3.0A 200kHz, PWM Control Step-Down Converter <ul style="list-style-type: none"> Duty ratio : 0%~100% PWM control Enable with Soft-Start function Oscillation Frequency can be set by outside resistance Current Limit, SCP and OTP 	Buck	X	8	40	3	0.815	-	200K	6	360
P34563	PWM CONTROL 3A STEP-DOWN CONVERTER <ul style="list-style-type: none"> Oscillation Frequency: 100kHz Duty ratio: 0%~100% PWM control Enable and auto restart function. Short Circuit Protect (SCP) Thermal Shutdown function / Internal OVP Built-in internal SW P-channel MOS 	Buck	X	8	40	3	1.10	-	100K	7	-
P1690	0.4A 150kHz, PWM Step-down Switching Regulator <ul style="list-style-type: none"> High efficiency up to 85% Maximum Duty Cycle 100% Built in OTP, SCP, OCP 	Buck	X	5	65	0.4	1.25	88%	150K	5	200
UC34163	DC TO DC CONVERTER CONTROLLER <ul style="list-style-type: none"> Low standby current Frequency of operation from 100kHz ~ 100kHz Step-down switch regulators. 	Buck	X	-	35	1.5	-	-	100K	-	-
UC3666	1.6MHz, Dual Channel 1A High Efficiency Step-Down DC/DC Converter <ul style="list-style-type: none"> Current mode operation Fixed Frequency operation Over-temperature protection circuit RoHS Compliant (100% green available) 	Buck	V	2.5	5.5	1	0.6	90%	1.6M	-	-
UC3656	1.6MHz, 1.0A High Efficiency Step-down DC/DC Converter <ul style="list-style-type: none"> Schottky Diode is Solved Internal ON/OFF 100% Duty Cycle Allow Low Dropout Operation Stand-by Current: 1µA (Max.) 	Buck	X	2.5	5.5	1	0.6	90%	1.6M	0.3	1
UD05103	2.3MHz, 2A HIGH EFFICIENCY SYNCHRONOUS STEP-DOWN CONVERTER <ul style="list-style-type: none"> Shutdown Current < 1µA 100% Duty Cycle Operation Current Mode Operation Internal Soft-Start Current Limit Protection Over-temperature Protection Input Under Voltage Lockout (UVLO) 	Buck	V	3	5.5	1	0.6	95%	1.5M	0.6	-
UD05122	2.3MHz, 2A HIGH EFFICIENCY SYNCHRONOUS STEP-DOWN CONVERTER <ul style="list-style-type: none"> Quiescent Current: 200nA (input < 4.2V) No Schottky Diode Required 100% Duty Cycle in Dropout 0.0V Reference Allows Low Output Voltages Current Mode Operation for Excellent Line and Load Transient Response Current limit, Enable function Short Circuit Protect (SCP) 1µA Shutdown Current 	Buck	V	2.5	5.5	1.2	0.6	92%	1.4M	0.4	-
UD05151	2.3MHz, 2A HIGH EFFICIENCY SYNCHRONOUS STEP-DOWN CONVERTER <ul style="list-style-type: none"> Shutdown Current < 1µA 100% Duty Cycle Operation Current Mode Operation Internal Soft-Start Current Limit Protection Over-temperature Protection Input Under Voltage Lockout (UVLO) 	Buck	V	3	5.5	1.5	0.6	90%	1.5M	0.08	-
UD05154*	2.3MHz, 2A HIGH EFFICIENCY SYNCHRONOUS STEP-DOWN CONVERTER <ul style="list-style-type: none"> 2.7V to 5.5V Input Voltage Range Adaptive On-Time Current Control Power Save Mode for Light Load Efficiency 50µA Operating Quiescent Current Over Current Protection Internal Soft Startup of 300µs (Typ.) Adjustable Output Voltage Thermal Shutdown Protection 	Buck	V	2.7	5.5	1.5	0.6	-	1.5M	0.05	-
UD16203*	2A, 18V SYNCHRONOUS FAST RESPONSE BUCK CONVERTER <ul style="list-style-type: none"> 130/100mΩ Internal Power MOSFET Switch PWM Architecture to Achieve Fast Transient Response Built-in soft start function 1.2MHz Switching Frequency Thermal Shutdown Protection 	Buck	V	4.5	16	2	0.6	-	1.2M	-	-
UD18209*	2A, 17V SYNCHRONOUS FAST RESPONSE BUCK CONVERTER <ul style="list-style-type: none"> 130/100mΩ Internal Power MOSFET Switch PWM Architecture to Achieve Fast Transient Response Built-in soft start function 900kHz Switching Frequency Thermal Shutdown Protection 	Buck	V	4.5	17	2	0.768	-	580K	0.65	-
UD182012*	18V, 2A SYNC. STEP-DOWN CONVERTER <ul style="list-style-type: none"> 4.5V to 18V operating input range 2A output current Up to 95% efficiency PFM at light load 600kHz switching frequency Internal soft-start Input under-voltage protection Current run-away protection Output short protection 	Buck	V	4.5	18	2	0.6	0.95	600K	0.14	-
UD05158	0.9MHz, 1.5A LOW NOISE SYNCHRONOUS STEP-DOWN CONVERTER <ul style="list-style-type: none"> Shutdown Current < 1µA 100% Duty Cycle Operation Current Mode Operation Internal Soft-Start Current Limit Protection Over-temperature Protection Input Under Voltage Lockout (UVLO) 	Buck	V	2.7	5.5	1.5	0.6	95%	1.5M	-	-
UD05201	1.2MHz, 2A SYNCHRONOUS STEP-DOWN CONVERTER <ul style="list-style-type: none"> High Efficiency: Up to 96% Low RDS(ON) Internal Switches: 0.15Ω Current limit, Enable function Short Circuit Protect (SCP) Built-in Soft Start function < 1µA Shutdown Current 	Buck	V	2.6	5.5	2	0.6	96%	1.2M	0.4	-
UD05202	1MHz, 2A SYNCHRONOUS STEP-DOWN CONVERTER <ul style="list-style-type: none"> Low RDS(ON) for internal switches (top/bottom) 180mΩ/120mΩ Internal soft-start limits the inrush current 100% dropout operation 	Buck	V	3	5.5	2	0.6	-	1M	0.08	-
UD05203	1MHz, 2A SYNCHRONOUS STEP DOWN REGULATOR <ul style="list-style-type: none"> Low RDS(ON) for internal switches (top/bottom) 130mΩ/100mΩ Internal soft-start limits the inrush current 100% dropout operation 	Buck	V	3	5.5	2	0.6	-	1M	0.08	-
UD16501*	70mΩ / 25mΩ Low Rds(on) Internal Power MOSFETs <ul style="list-style-type: none"> Low Quiescent Current High Efficiency Synchronous Mode Operation Frequency Sync from 200kHz to 2MHz External Clock AAH Power Save Mode Internal Soft-Start DCP Protection and Hiccup Thermal Shutdown Output Adjustable from 0.8V 	Buck	V	4.5	16	5	0.807	95%	500K	1	1
UD05206	1.5MHz, 2A SYNCHRONOUS STEP DOWN REGULATOR <ul style="list-style-type: none"> Shutdown Current < 1µA 100% Duty Cycle Operation Current Mode Operation Internal Soft-Start Current Limit Protection Over-temperature Protection Input Under Voltage Lockout (UVLO) 	Buck	V	2.5	5.5	2	0.6	-	1.5M	0.128	-

Power Management > DC/DC switching regulators

UD05208	<ul style="list-style-type: none"> Adaptive On-Time Current Control Power Save Mode for Light Load Efficiency 50µA Operating Quiescent Current Over Current Protection Internal Soft Start-up of 250µs (Typ.) Adjustable Output Voltage Thermal Shutdown Protection Available in SOT23 Package 	Buck	V	2.7	5.5	2	0.6	-	1.5M	0.05	-
UD05209	<ul style="list-style-type: none"> 1.5MHz, 2A, VFB=0.6V SYNCHRONOUS STEP-DOWN CONVERTER 2.7V to 5.5V Input Voltage Range 1.5MHz Typical Switching Frequency Output Current up to 2A Adaptive On-Time Current Control Over Current Protection Internal Soft Start-up of 250µs (Typ.) Adjustable Output Voltage Thermal Shutdown Protection 	Buck	V	2.7	5.5	2	0.6	-	1.5M	0.7	-
UD05251	<ul style="list-style-type: none"> 1.2MHz, 2.5A SYNCHRONOUS STEP-DOWN REGULATOR High Efficiency: Up to 94% Current limit, Enable function Short Circuit Protect (SCP) Built-in Soft Start function 31µA Shutdown Current 	Buck	V	2.6	5.5	2.5	0.6	94%	1.2M	0.4	-
UD05302	<ul style="list-style-type: none"> 1MHz, DUAL 3A SYNCHRONOUS STEP-DOWN REGULATOR Low RDS(ON) for internal switches (top/bottom) 110mΩ/80mΩ Internal softstart limits the inrush current 100% dropout operation 	Buck	V	3	5.5	3	0.6	-	1M	0.08	-
UD05303	<ul style="list-style-type: none"> 1MHz, 3A HIGH EFFICIENCY synchronous step-down DC-DC regulator Low RDS(ON) for internal switches (top/bottom) 100mΩ/70mΩ Internal softstart limits the inrush current Output power good indicator RoHS compliant and halogen free 	Buck	V	3	5.5	3	0.6	-	1M	-	-
UD05306	<ul style="list-style-type: none"> High Efficiency: Up to 95% Low Dropout Operation: 100% Duty Cycle Programmable Frequency: 300kHz-2MHz No Schottky Diode Required 0.8V Reference Allows Low Output Voltage Low RDS (ON) Internal Switches: 110mΩ Forced Continuous Mode Operation 	Buck	V	2.8	5.5	2	0.8	95%	1M	-	-
UC3655-XX	<ul style="list-style-type: none"> 1.3MHz 0.5A Synchronous Buck Converter Very High Efficiency 92% Low Ripple Regulation Voltage 10mV With PWM / PFM Automatic Switching Control Maximum Duty Ratio is 100% Ceramic Capacitor Available 	Buck	V	2	6	0.5	-	90%	1.3M	-	1
UC3206	<ul style="list-style-type: none"> 3MHz 0.6A Inductor Built-in Step-Down "micro DC/DC" Converters Maximum duty cycle: 100% High efficiency: >92% (TYP.) High speed soft-start circuit and current limiter built-in CL high speed auto discharge Low ESR ceramic capacitor compatible 	Buck	V	2	6	0.6	-	92%	3M	0.06	1
UD05104A	<ul style="list-style-type: none"> +/-2% 0.6V Feedback Voltage Accuracy 1MHz Switching Frequency 100% Duty Cycle Operation Built-in 170mΩ/150mΩ Power Switch Cycle-by-Cycle Current Limit Protection with Soft-start, CTP, Over-Load and Hitcup Mode Short Circuit 	Buck	V	2.5	6	1	0.6	-	1M	0.04	-
US3463*	<ul style="list-style-type: none"> PRIMARY SIDE DC/DC CONTROLLER 	Buck	X	-	30	-	3	-	180K	-	-
USR1021	<ul style="list-style-type: none"> 500kHz, 3.0A PWM Control Step-Down Converter Internal soft start 1.3% initial output accuracy Cycle-by-cycle current limit Thermal shutdown Short-circuit protection 	Buck	V	6	18	3	0.8	-	500K	5	10
UD18203	<ul style="list-style-type: none"> 2A, 18V SYNCHRONOUS FAST RESPONSE BUCK CONVERTER 4.5V-18V Input Voltage Range Up to 2A Output Current 140/130mΩ Internal Power MOSFET Switch PWM Architecture to Improve Fast Transient Response Built-in soft start function 500kHz Switching Frequency Thermal Shutdown Protection 	Buck	V	4.5	18	2	0.6	-	500K	0.65	-
USR1051	<ul style="list-style-type: none"> 400kHz, 3.0A PWM Control Step-Down Converter with Soft start Synchronous Buck Cycle-by-cycle current limit Pre-bias start-up Thermal shutdown Short-circuit protection 	Buck	V	5	23	3	0.8	-	450K	5	-
P1482	<ul style="list-style-type: none"> 365kHz, 2.0A Synchronous Rectified Step-Down Converter Integrated Power MOSFET Switches Programmable Soft-Start Stable with Low ESR Ceramic Output Capacitors Cycle-by-Cycle Over Current Protection 	Buck	V	6	18	2	0.923	93%	365K	5	-
P1482A	<ul style="list-style-type: none"> 365kHz, 2.0A Synchronous Rectified Step-Down Converter Integrated Power MOSFET Switches Programmable Soft-Start Stable with Low ESR Ceramic Output Capacitors Cycle-by-Cycle Over Current Protection 	Buck	V	6	18	2	0.923	93%	365K	5	-
P1484	<ul style="list-style-type: none"> 365kHz, 3.0A Synchronous Rectified Step-Down Converter Integrated Power MOSFET Switches Programmable Soft-Start Stable with Low ESR Ceramic Output Capacitors Cycle-by-Cycle Over Current Protection 	Buck	V	6	18	3	0.923	93%	365K	5	-
P1484A	<ul style="list-style-type: none"> 365kHz, 3.0A Synchronous Rectified Step-Down Converter Integrated Power MOSFET Switches Programmable Soft-Start Stable with Low ESR Ceramic Output Capacitors Cycle-by-Cycle Over Current Protection 	Buck	V	6	18	3	0.923	93%	365K	5	-
P2680	<ul style="list-style-type: none"> 2.0A 340kHz, Step-Down Converter Output Adjustable Frequency Foldback at Short Circuit VIN Under-voltage Lockout Thermal Shutdown DCP Programmable Soft-Start 	Buck	V	4	26	2	0.923	90%	340K	-	-
SR2803	<ul style="list-style-type: none"> 330kHz, 3.0A Synchronous Buck Regulator Duty ratio varies from 0% to 92% PWM control Thermal shutdown and SCP function and soft-start, current limit, enable function Low ESR output capacitor (Multi-layer chip capacitor) application 	Buck	V	4	28	3	0.8	93%	330K	5	-
UD36241	<ul style="list-style-type: none"> CC/LV Mode Control Adjustable Load Line Compensation 200mΩ Internal Power MOSFET Switch Current Mode Control Fixed Frequency Operation: 1.00MHz Programmable Output Current Limit Low EMI Signature Cycle-by-Cycle Over Current Protection Inrush Under Voltage Lockout Wide CTP 	Buck	X	9	36	2.4	1	-	100K	4	-
UD05123	<ul style="list-style-type: none"> 1.2A 2.25MHz constant frequency current mode PWM step-down converter High Efficiency: Up to 92% 100% Duty Cycle in Dropout Current limit, Enable function Short Circuit Protect (SCP) 31µA Shutdown Current 	Buck	V	2.5	5.5	1.2	0.6	92%	2.25M	0.09	-
UD12121	<ul style="list-style-type: none"> 1.4MHz, 1.2A STEP-DOWN CONVERTER 0.350 Internal Power MOSFET Switch Stable with Low ESR Output Ceramic Capacitors Up to 92% Efficiency 0.1µA Shutdown Mode Thermal Shutdown Cycle-by-Cycle Over Current Protection 	Buck	X	4.5	32	1.2	0.81	92%	1.4M	0.8	-

Power Management > DC/DC switching regulators

UC3750-XX	600kHz PWM /PFM Buck Controller <ul style="list-style-type: none"> * Built-in soft-start (SS) * Automatic PWM/PPM switchover under light load condition * Internal under-voltage lockout (UVLO) protection * Low profile and minimum external components 	* Buck	X	2.45	5.5	-	-	92%	600K	0.1	-
UC4601	500kHz PWM Step-down DC-DC Controller <ul style="list-style-type: none"> * Internal soft-start and protection function * High efficiency up to 90% (TYP.) * Standby current: 0.1µA (TYP.) * CMOS output capability 	* Buck	X	2.3	15	-	1	90%	1M	0.1	-
M7085	1MHz PFM STEP-DOWN Controller <ul style="list-style-type: none"> * High efficiency 90% and up is possible * Low dropout operation - 100% duty cycle * Two methods of over-current protection 	* Buck	X	4.5	35	-	1.24	90%	1M	0.5	-
USR1101	5V/12V Synchronous Buck PWM DC-DC Controller <ul style="list-style-type: none"> * Drives all low cost N-channel MOSFETs * PWM control mode * Internal soft-start * RoHS compliant and 100% lead (Pb)-free 	* Buck	V	-	16	-	0.8	-	300K	15	-
UC22105	* 8V-24V Input Voltage Range <ul style="list-style-type: none"> * CC/CV Mode Control * Fixed 100kHz Operating Frequency * Soft Start Function for Start-up * Fold back Short-Circuit Protection * High Efficiency Operation * Output Over-Voltage Protection * Over-Temperature Protection 	* Buck	X	8	24	2	1.18	-	100K	10	-
UC3535	Step-Down DC-DC Converter and Controller	* Buck	X	8	20	-	1.2	-	75K	-	-
MC3063	* MAX. 40V Input <ul style="list-style-type: none"> * MAX. load to 1.5A * Output Voltage Adjustable * Frequency Operation of 1.50kHz * Precision 1.5% Reference 	* Buck * Boost * Inverting	X	-	40	1.5	1.25	-	150K	-	-
3563	High-Efficiency DC-DC Converter <ul style="list-style-type: none"> * Bootstrapped driver. * High side current sense capability. * High efficiency (up to 90%) * Internal 2% reference. * Frequency operation from 100kHz to 100kHz 	* Buck * Boost * Inverting	X	3	30	1.5	1.25	90%	-	-	-
MC34063A	Variable Frequency DC-DC Converter Controller IC for Step-Up or Step-Down Voltage Converter <ul style="list-style-type: none"> * Short circuit current limiting. * Low standby current. * Frequency of operation from 100kHz to 100kHz. * Step-up, step-down or inverting switch regulators. 	* Buck * Boost * Inverting	X	3	40	-	1.25	-	100K	-	-
UC33063A	DC TO DC CONVERTER CONTROLLER <ul style="list-style-type: none"> * Short Circuit Current Limiting. * Low Standby Current. * Frequency of Operation from 100kHz to 100kHz. * Step-up, Step-down or Inverting Switch Regulators. 	* Buck * Boost * Inverting	X	3	40	-	1.25	-	100K	-	-
UCB383-XX	165kHz VFM Step-Up DC-DC Converters <ul style="list-style-type: none"> * 0.8V Start-Up Voltage * Output Voltage Accuracy ±2% * Low Ripple and Low Noise * High Efficiency Up to 85% * Low Profile and Minimum External Components 	* Boost	X	0.8	5.5	0.1	-	85%	165K	-	-
UC3383-XX	* Operating (Start-up) Voltage Range: 0.9V-10V <ul style="list-style-type: none"> * Highly Accurate: Set-up Voltage ±2.5% * Maximum Oscillator Frequency (Max Fosc1): 180kHz (±15%) * Variable Duty Ratio: 45%/75% (±5%) * Both Switching Transistor Built-in and External Types are Available * 5-Lead Package Offer Chip Enable or Independent VOUT Pin Option. 	* Boost	X	0.9	10	0.4	-	80%	180K	0.008	-
UC2306-XX	DC-DC Converters with Low-Battery Detector Active in Shutdown <ul style="list-style-type: none"> * In shutdown mode 10µA quiescent current. * Low battery detector active * Only by one resistor: peak current is programmable. 	* Boost	X	1.5	8	0.3	-	85%	-	0.2	50
UC3555	500mA PFM Synchronous Step-Up DC-DC Converters and Controller <ul style="list-style-type: none"> * Low power PFM step-up DC/DC * Internal synchronous rectifier * Low battery detector * Current limited protection * Current Anti-Drawback protection 	* Boost	X	1.6	4.5	0.5	1.243	95%	-	0.16	-
UC3551-XX	450kHz ADVANCED PWM STEP-UP DC-DC CONVERTER <ul style="list-style-type: none"> * Low Start-up Input Voltage is as Low as 1.0V * Efficiency up to 90% * Zero Shutdown Mode Supply Current * Both Internal and External Power Switches for Maximum Flexibility 	* Boost	X	2	6.5	0.3	1.25	90%	450K	0.001	75
UC3500-XX	150kHz Max VFM Step-Up DC-DC Converters (VO=2.5V-5V) <ul style="list-style-type: none"> * 0.8V start-up voltage * 0.3V hold-on voltage * Low supply current of 18µA * High efficiency up to 88% * Low profile and minimum external components 	* Boost	X	0.7	7	0.15	-	88%	-	-	18
P2172	100kHz, 1.25A High Efficiency Switching Regulators <ul style="list-style-type: none"> * Very Few External Parts Required * Self-Protected Against Overloads * Operates in Nearly All Switching Topologies * Pinback-Regulated Mode Has Fully Floating Outputs * Can Be Externally Synchronized 	* Boost	X	3	60	-	1.244	80%	100K	9	-
UC3380	PWM/PPM Step-up Switching Regulator Controller(VO=1.8V-5.0V) <ul style="list-style-type: none"> * 0.5µA Low Shutdown Current * Full Frequency PWM at 300kHz * Built in PWM Switching Control Circuit ,Duty Ratio is 0-78% * Soft Start Time: 3ms * Shutdown Function 	* Boost	X	0.9	10	-	-	85%	300K	-	-
UC3550	300kHz PWM Step-Up DC-DC Controller(VO=3.3V-5.0V) <ul style="list-style-type: none"> * Output Voltage Range : 1.8-6V Programmable in 0.1V with high accuracy ± 2.5% * High Efficiency 88% (Typ.) * Low Start-up Voltage of 0.9V Typical at IOUT = 1.0mA * Chip Enable Pin with Pull-up Current Source 	* Boost	X	0.9	8	-	-	88%	300K	-	38

Power Management > DC/DC switching regulators

UC3552	PWM DC-DC CONVERTER WITH INTERNAL SWITCH AND SOFT-START <ul style="list-style-type: none"> 1.6A, 0.23D, internal switch High efficiency: 90% Adjustable Frequency: 64kHz or 1.3MHz Low shutdown current: 0.1µA Programmable soft-start 	* Boost	X	2.6	5.5	-	1.24	90%	640K/1.3M	0.35	5000
UC3301	260kHz Switched capacitor Inverter <ul style="list-style-type: none"> Operating voltage range: 1.8V ~ 5V Inverts input supply voltage 25mA output current with a voltage drop of 25mV Quiescent current 0.45mA from supplies 3.3V Voltage conversion efficiency up to 99% Only two capacitors needed Over-temperature circuit 2kV ESD rating 	* Inverting	X	1.8	5	0.1	-	-	250K	0.5	-
UCP510	450kHz REGULATED CHARGE PUMP <ul style="list-style-type: none"> Step-Up Voltage Converter Input Voltage Range UCP510-50: 2.7V to 5V UCP510-45: 2.7V to 4.5V Regulated 5V, 4.3V±4% Output High Frequency 450 kHz operation Short-Circuit/Over-Temperature Protection 	* Inverting	X	2.7	5	0.1	-	-	450K	0.1	2.5
ME7660*	10kHz Inverting DC-DC Converter <ul style="list-style-type: none"> Converts +5V Logic supply to +5V Wide input voltage range: 1.3V~10V Low power supply: 50µA@5VIn Only two external capacitors required Compatible with RS232 negative power supply standard 	* Inverting	X	1.5	10	0.02	-	-	10K	-	-
UD05121	1.5MHz, 1.2A Synchronous Step-Down Regulator <ul style="list-style-type: none"> Up to 95% Efficiency Less than 1µA Shutdown Current Thermal Shutdown Protection Current limit and short circuit protections. Build-in soft start function 	* Buck	V	2.5	5.5	1.2	0.6	95%	1.5M	0.35	-
UD05124*	* Low RDS(ON) for Internal Switch: 340/210 mΩ (Top/Bottom) <ul style="list-style-type: none"> 1.3MHz Switching Frequency Internal Compensation Function 100% Dropout Operation Input Over Voltage Protection Over Current Protection Short Circuit Protection Over Temperature Protection with Auto Recovery 	* Buck	V	2.5	6	1.2	0.6	-	1.5M	0.05	-
UD05205	1.5MHz, 3A SYNCHRONOUS BUCK CONVERTER <ul style="list-style-type: none"> 150/120mΩ Internal Power MOSFET Switch Stable with Low ESR Output Ceramic Capacitors Up to 92% Efficiency Less than 1µA Shutdown Current Thermal Shutdown Protection Current limit and short circuit protections. Build-in soft start function 	* Buck	V	2.5	5.5	2	0.6	95%	1.5M	0.35	-
UD052012*	* Low RDS(ON) for Internal Switch: 140/90 mΩ (Top/Bottom) <ul style="list-style-type: none"> 1MHz Switching Frequency Internal Soft-Start Limits the Inrush Current Internal Compensation Function 100% Dropout Operation Input Over Voltage Protection Over Current Protection Short Circuit Protection Over Temperature Protection with Auto Recovery 	* Buck	V	2.5	6	2	0.6	-	1M	0.04	-
UD05104	2.25MHz, 1A SYNCHRONOUS STEP-DOWN DC/DC CONVERTER <ul style="list-style-type: none"> 100% Duty Cycle Operation Internal Soft-Start Cycle-by-Cycle Current Limit Protection Over-Load and Micro Mode Short Circuit Thermal Shutdown Protection 	* Buck	V	2.5	6	1	0.6	-	2.25M	0.04	-
UCC36351	160kHz, 3.5A SYNCHRONOUS BUCK CONVERTER WITH CC/UV <ul style="list-style-type: none"> Integrated 75/145mΩ Power MOSFET Switches Up to 93% Efficiency Stable with Low ESR Ceramic Output Capacitors Cycle-by-Cycle Over Current Protection Input Under/Over Voltage Lockout 	* Buck	V	8	36	3.5	1	93%	160K	1.5	-
UCC36451	160kHz, 4.5A SYNCHRONOUS BUCK CONVERTER WITH 2CH CC/UV <ul style="list-style-type: none"> Integrated 75mΩ high side Power MOSFET Switches Stable with Low ESR Ceramic Output Capacitors Cycle-by-Cycle Over Current Protection Input Under/Over Voltage Lockout 	* Buck	V	8	36	4.5	1	95%	160K	2	-
UD38251	160kHz, 2.5A SYNCHRONOUS BUCK CONVERTER <ul style="list-style-type: none"> Integrated 140mΩ Power MOSFET Switches Up to 93% Efficiency Internal Soft-Start Cycle-by-Cycle Over Current Protection Input Under/Over Voltage Lockout 	* Buck	V	8	38	2.5	1	93%	160K	1.5	-
UD38252	160kHz, 2.5A SYNCHRONOUS BUCK CONVERTER WITH CC/UV <ul style="list-style-type: none"> Integrated 140mΩ Power MOSFET Switches Up to 92% Efficiency Internal Soft-Start Cycle-by-Cycle Over Current Protection Input Under/Over Voltage Lockout 	* Buck	V	8	38	2.5	1	92%	160K	1.5	-
UD38501	160kHz, 5A SYNCHRONOUS BUCK CONVERTER <ul style="list-style-type: none"> Integrated 80mΩ high side Power MOSFET Switches Up to 95% Efficiency Internal Soft-Start Cycle-by-Cycle Over Current Protection Input Under/Over Voltage Lockout 	* Buck	V	8	38	5	1	95%	160K	1.5	-
UCC40501	* Wide 8V to 40V Operating Input Range <ul style="list-style-type: none"> Integrated 85mΩ high side Power MOSFET Switches Output Adjustable from VFB (1.00V±2%) to 16V Up to 90% Efficiency Internal Soft-Start and Fixed 160kHz Frequency Stable with Low ESR Ceramic Output Capacitors Cycle-by-Cycle Over Current Protection Input Under/Over Voltage Lockout 	* Buck	V	8	40	5	1	95%	160K	1.5	-
UCC40702	40V SYNCHRONOUS BUCK CONTROLLER WITH 2CH CC/UV	* Buck	V	8	40	5	1	95%	160K	-	-

Power Management > DC/DC switching regulators

UD06122	<p>1.2A 1.5MHz dual high-efficiency(PWM) step-down DC-DC converter</p> <ul style="list-style-type: none"> * Stable with Low ESR Output Ceramic Capacitors * Up to 95% Efficiency * Less than 1µA Shutdown Current * Thermal Shutdown Protection * Current limit and short circuit protections. * Build-in soft start function 	* Buck	V	2.5	6	1.2	0.6	95%	1.5M	0.35	-
UU28121	<p>1.2MHz, 1.2A HIGH VOLTAGE,BOOST CONVERTER</p> <ul style="list-style-type: none"> * 2.5V~5.5V operating input voltage range * 1.2MHz Fixed Switching Frequency * Adjustable output voltage range up to 28V * Internal 1.2A switching current limit * Internal Soft-start Function * Current limit and Thermal shutdown protection * Under voltage Lockout 	* Boost	X	2.5	5.5	-	1.238	-	1.2M	0.25	-
UU05052	<ul style="list-style-type: none"> * Low Startup Voltage of 1V * 17µA Of Quiescent Supply Current * Less Than 1µA Of Shutdown Current * Fully Integrated N-channel Power Switch and P-channel Synchronous Rectifier * Fixed 3.3V/5V or Adjustable Output Voltage 	* Boost	V	0.6	5	0.4~0.7	1.18	-	-	34	-

Package (value)
SOP-8
TO-220B TO-220-5 TO-263-5 HSOP-8
SOP-8
SOP-8 HSOP-8
SOP-8
SOP-8 HSOP-8
SOP-8
SOT-26
HSOP-8
SOT-26
SOT-89-5
SOP-8 HSOP-8
HSOP-8
HSOP-8
SOP-8
SOP-8
SOP-8
TO-220-5 TO-220B TO-263-5
SOT-26
.
TO-252-5

SOP-8 HSOP-8
TO-220B TO-220-5 TO-263-5 SOP-8 HSOP-8
TO220-5 TO-220B
HSOP-8
HSOP-8
SOP-8
DIP-8 SOP-8
DFN3030-10
SOT-25
SOT-25
SOT-25
SOT-25
SOT-25
SOT-25
SOT-26
SOT-26
DFN2020-6
DFN2020-6
SOP-8 HSOP-8
HSOP-8
HSOP-8
HSOP-8
HSOP-8

SOT-25
SOT-25
HSOP-8 DFN3030-8
HSOP-8
HSOP-8
HSOP-8 DFN3030-10
SOT-25
SOT-25
SOT-25
SOP-8
SOP-8
SOT-26
HSOP-8
SOP-8
HSOP-8
SOP-8
HSOP-8
HSOP-8
SOP-8
HSOP-8
SOP-8
HSOP-8
SOT-25
SOT-26

SOT-25
SOT-25
MSOP-8
SOP-8
SOP-8
SOP-16
SOP-8
DIP-8 SOP-8
DIP-8 SOP-8 TSSOP-8
DIP-8 SOP-8
SOT-89
SOT-25 SOT-89
SOP-8 DIP-8
TSSOP-8
SOT-26
SOT-25 SOT-23 SOT-89
DIP-8 SOP-8
SOT-25
SOT-25

DFN3030-10
SOT-25
SOT-25

Power Management > Illumination LED drivers

Part No. (術方式)	Features	Topology (術方式)	Vin(MIN)(V) (Range)	Vin(MAX)(V) (Range)	ILEDdrive(mA) (Range)	Efficiency (%) (Range)	Switching Freq. (Hz) (Range)
ULD5121	ADAPTIVE 100/120Hz CURRENT RIPPLE REMOVING CIRCUIT CONTROLLER * Controller for adaptive 100/120Hz current ripple remover * Amplitude of LED current ripple programming * Maximum cathode voltage of LED programming * Maximum LED current programming	* Current ripple remover	5	8	-	-	100/120Hz
ULD5131	ADAPTIVE 100/120Hz CURRENT RIPPLE REMOVING CIRCUIT CONTROLLER * Controller for adaptive 100/120Hz current ripple remover * Amplitude of LED current ripple programming * Maximum cathode voltage of LED programming * Maximum LED current programming	* Current ripple remover	5	8	-	-	100/120Hz
ULD5133	ADAPTIVE 100/120Hz CURRENT RIPPLE REMOVING CIRCUIT CONTROLLER * Controller for adaptive 100/120Hz current ripple remover * Amplitude of LED current ripple programming * Maximum cathode voltage of LED programming * Maximum LED current programming	* Current ripple remover	5	8	-	-	100/120Hz
ULD3380	High Efficiency PWM Buck LED Driver Controller * Universal input voltage range with off-line topology * Programmable constant LED current * Output LED string short protection * Output LED string open protection * Dimmable LED current by ACTL * OCP * Built-in OTP	* Buck	7.5	40	-	85%	47K
UL22	* Free-Dimming™ technology * Supports high-side Buck, Buck-Boost and Flyback topologies * High power factor with Discontinue-Current-Mode (DCM) control * Low start-up current and operating current to maximize conversion efficiency	* Buck-Boost * Flyback	18	24	-	-	66K
UL23EA	* No transformer and high voltage electrolysis capacitor * Input voltage 220VAC,110VAC * Adjustable output current, max 60mA * Inter-chip current deviation < ±4% * Application system no EMI problems * Power factor > 0.9 * Over temperature Reduced Current * Supports the adjust brightness in 3 grades * Supports the adjust color temperature in 3 grades	* Linear	-	6.8	60	90%	-
UL23EB	* No strobeoscopic * Input voltage 220VAC,110VAC * Adjustable output current, max 60mA * Inter-chip current deviation < ±4% * Application system no EMI problems * Power factor > 0.9 * Efficiency > 90% * Over temperature Reduced Current * Supports the adjust brightness in 3 grades * Supports the adjust color temperature in 3 grades	* Linear	-	6.8	60	90%	-
UL240	* High power factor for high brightness LEDs * Low start-up current and operating current * Under-voltage lockout (UVLO) with hysteresis * Provides complete protection functions * Maximum gate driver output clamp * VDD pin Over-Voltage Protection * Cycle-by-cycle current limit * LEDs Over-Current Protection * LEDs Open-Loop Protection * LEDs Short-Circuit Protection * Internal Over-Temperature Protection	* Buck	18	24	-	-	-
UL24U	* High power factor for high brightness LEDs * Low start-up current and operating current * Under-voltage lockout (UVLO) with hysteresis * Provides complete protection functions * Maximum gate driver output clamp * VDD pin Over-Voltage Protection * Cycle-by-cycle current limit * LEDs Over-Current Protection * LEDs Open-Loop Protection * LEDs Short-Circuit Protection * Internal Over-Temperature Protection	* Buck	18	24	-	-	-
UL268*	LED CONTROLLER * Input voltage 110Vac/220Vac * PF > 0.9 * THD < 10% * OTP	* Linear	10	500	60	-	-
ULF0291	6 SEGMENTS LINEAR LED DRIVER 6-segments Little flash Low static current consumption	* Linear	-	500	36	-	-
LS030	Boost-Up Voltage Converter for LED Driver * Inductor based converter brings up to 92% efficiency * +0.8V to +6.0V input voltage range * 0.92V guaranteed start up input voltage * Boost up control using PFM * Constant output current regulation	* Boost	0.8	6	-	92%	350K
LS107	Constant Current Boost Controller for Driving High Power LEDs * Input voltage range: 7V~45V * Feedback voltage: 0.25V±3% * Maximum out power of 70W * Programmable switching frequency and LED drive current * Ultra low EMI via dithering on the UTC LS107 * Accurate over the -40~125°C temperature range	* Boost	7	45	-	-	400K
ULC6001	Constant Current Boost Controller for Driving High Power LEDs * Large Input voltage range: 5V~400V * Programmable LED drive current * Programmable switching frequency: 500KHz~2.5MHz * Single pin for PWM dimming * Accurate over the -40~125°C temperature range	* Boost	3	6.5	-	-	2.5M

ULC6002	SPECIAL DRIVE FOR LED FLASHLIGHT <ul style="list-style-type: none"> * Minimum operating input voltage 0.9V * Over 100mA output current * 85% efficiency 	* Boost	0.9	3.2	-	85%	-
UPLS101	PSR Single Stage High PFC LED Driver <ul style="list-style-type: none"> * Transition mode (TM) operation to achieve high efficiency * Minimized BOM count * Cycle-by-cycle current limiting (OCP) * Selectable threshold of OCP * High current accuracy * VCC over voltage protection * Analog multiplier for power factor correction 	* PSR	11	25	-	85%	-
UPLS102	PSR Single Stage LED Driver <ul style="list-style-type: none"> * Built-in primary winding inductance compensation * Programmable CC regulation * Drivability for BJT switch * Short circuit protection * Ultra low start-up current (Typ. 1µA) * Open loop protection * Built-in leading edge blanking (LEB) 	* PSR	-	30	-	85%	-
UPLS103	HIGH POWER FACTOR & ACCURACY CONSTANT CURRENT LED DRIVER <ul style="list-style-type: none"> * High power factor by one cycle control * Accuracy and programmable constant current * Low BOM cost * Dimmable LED current by DIM * Average current / fixed frequency control 	* Buck	-	30	-	85%	45K
UPLS304	HIGH POWER FACTOR & ACCURACY CONSTANT CURRENT LED DRIVER <ul style="list-style-type: none"> * Transition Mode Fixed On-Time PFC Control * Accuracy Constant Current * Inductor Size Reduction * Frequency Range Adjusted by The CT Pin * LED Protection: SCP, OLP, OVP * Compatible Inductance Ballast * Incompatible Electronic Ballast 	* Buck	-	30	-	-	-
UCL5108*	LED DRIVER WITH AVERAGE-MODE CONSTANT CURRENT CONTROL <ul style="list-style-type: none"> * Fast Average Current Control * Internal 8 to 100V Linear Regulator * Linear and PWM Dimming Capability * Output Short Circuit Protection with Skip Mode * Requires Few External Components for Operation 	* Buck	7.5	100	-	-	-
UCL2300	PSR Single Stage High PFC LED Driver	* PSR	11.5	17.5	-	85%	-
UCL2310	PSR SINGLE-STAGE APFC OFFLINE LED CONTROLLER <ul style="list-style-type: none"> * Single-Stage Active PFC for High Power Factor and Low THD * Primary Side Control Constant Current Operation, No Opto-Coupler required * ±3% LED Current Accuracy * Excellent Line and Load Regulation * Critical Conduction Mode Operation * Ultra-Low (33µA) Startup Current 	* PSR	-	25	-	-	-
UCL5811	PSR & PFC LED DRIVER CONTROLLER <ul style="list-style-type: none"> * Single stage PFC * Primary side regulation without Secondary Feedback * Quasi Resonance (QR) mode with Fly-back topology * Real-Current control to meet accurate output current * Very less components * Programmable input AC compensation * Leading Edge Blanking on CS/FB pin 	* PSR	-	25	-	-	130K
USLI1602	CONSTANT CURRENT CONTROLLER FOR NON-ISOLATED BUCK LED DRIVER <ul style="list-style-type: none"> * Inductor current critical mode, No need to compensate the inductance variation * 600V MOSFET integrated * Source driver structure, Not need the auxiliary winding for VCC * ±3% LED current accuracy * Up to 93% system efficiency * LED short circuit protection * Current sense resistor short circuit protection * Over temperature protection 	* Buck	7.5	18	-	93%	-
USLI1650	HIGH EFFICIENCY PWM BUCK LED DRIVER CONTROLLER <ul style="list-style-type: none"> * Universal input voltage range with off-line topology * Programmable constant LED current * Output LED string short protection * Output LED string open protection * Dimmable LED current by ACTL * OCP * Built-in OTP 	* Buck	17	32	-	-	47K
USLI3531	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 500V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short protection * LED open protection * VCC under voltage protection * Current sensing resistor short protection * Thermal regulation function 	* Buck	-	16.8	220	-	-
USLI3531K	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 500V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short protection * LED open protection * VCC under voltage protection * Current sensing resistor short protection * Thermal regulation function 	* Buck	-	16.8	-	-	-
USLI3531J	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 500V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short & open protection * VCC under voltage protection * Current sensing resistor short protection 	* Buck	-	16.8	-	-	-

USL3532	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 500V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short & open protection * VCC under voltage protection * Current sensing resistor short protection 	* Buck	-	16.8	-	-	-
USL3532K	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 500V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short protection * LED open protection * VCC under voltage protection * Current sensing resistor short protection * Thermal regulation function 	* Buck	-	16.8	-	-	-
USL3532J	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 500V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short & open protection * VCC under voltage protection * Current sensing resistor short protection 	* Buck	-	16.8	-	-	-
USL3533	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 500V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short protection * LED open protection * VCC under voltage protection * Current sensing resistor short protection * Thermal regulation function 	* Buck	-	16.8	350	-	-
USL3533K	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 500V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short protection * LED open protection * VCC under voltage protection * Current sensing resistor short protection * Thermal regulation function 	* Buck	-	16.8	350	-	-
USL3631	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 600V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short protection * LED open protection * VCC under voltage protection * Current sensing resistor short protection * Thermal regulation function 	* Buck	-	16.8	220	-	-
USL3633	NON-ISOLATED BUCK OFFLINE LED DRIVER <ul style="list-style-type: none"> * Critical conduction mode operation * Internal 600V Power MOSFET * Ultra low operating current * No auxiliary winding * ±5% LED output current accuracy * LED short protection * LED open protection * VCC under voltage protection * Current sensing resistor short protection * Thermal regulation function 	* Buck	-	16.8	350	-	-
USL3638	HIGH PRECISION PSR CONSTANT CURRENT LED DRIVER <ul style="list-style-type: none"> * Built-in 650V Power MOSFET * No auxiliary winding for sensing and supplying * Constant current control without secondary sense and feedback circuit. * Ultra low operating current to improve efficiency * Universal input voltage * ±5% LED current accuracy * Choice for maximum duty cycle and OVP voltage * CS resistor short circuit protection * LED short and open circuit protection * Over temperature protection 	* PSR	-	15.5	-	-	70K
UL51A	HIGH POWER FACTOR LINEAR CONSTANT CURRENT LED DRIVER <ul style="list-style-type: none"> * No transformer and high voltage electrolysis capacitor * Integrated high voltage startup power supply circuit * Adjustable output current, max 100mA * Inter-chip current deviation < ±5% * Efficiency: >90% * Power factor: >0.95 * THD<20% * Over temperature protection * Application system no EMI problems 	* Linear	-	-	100	90%	-
UL52A	HIGH POWER FACTOR LINEAR CONSTANT CURRENT LED DRIVER <ul style="list-style-type: none"> * No transformer and high voltage electrolysis capacitor * Integrated high voltage startup power supply circuit * Adjustable output current, max 60mA * Inter-chip current deviation < ±5% * Efficiency: >90% * Power factor: >0.95 * THD<20% * Over temperature protection * Application system no EMI problems 	* Linear	-	-	60	90%	-
UL52B	HIGH POWER FACTOR LINEAR CONSTANT CURRENT LED DRIVER <ul style="list-style-type: none"> * No transformer and high voltage electrolysis capacitor * Integrated high voltage startup power supply circuit * Inter-chip current deviation < ±5% * Power factor: >0.95 * THD<20% * with OTP * Application system no EMI problems 	* Linear	-	-	60	90%	-
UL52C	HIGH POWER FACTOR LINEAR CONSTANT CURRENT LED DRIVER <ul style="list-style-type: none"> * No transformer and high voltage electrolysis capacitor * Integrated high voltage startup power supply circuit * Adjustable output current, max 100mA * Inter-chip current deviation < ±5% * Efficiency: >90% * Power factor: >0.95 * THD<20% * Over temperature protection * Application system no EMI problems 	* Linear	-	-	60	90%	-
UL62	HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER <ul style="list-style-type: none"> * 5mA ~ 60mA Output Current * Up to ± 4% Constant Current Accuracy * Built-in 700V Power MOSFET * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	60	-	-
UL66A	HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER <ul style="list-style-type: none"> * 5mA ~ 30mA Output Current * Up to ± 4% Constant Current Accuracy * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	30	-	-

UL66B	<ul style="list-style-type: none"> * 5mA ~ 40mA Output Current * Up to ± 4% Constant Current Accuracy * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	40	-	-
UL66C	<p>HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 60mA Output Current * Up to ± 4% Constant Current Accuracy * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	60	-	-
UL66D	<p>HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 100mA Output Current * Up to ± 4% Constant Current Accuracy * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	100	-	-
UL66X	<p>HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * Output Current is determined by the external MOSFET * Up to ± 4% Constant Current Accuracy * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	-	90%	-
UL67A*	<p>ADAPTIVE CONDUCTION LINEAR DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 30mA Output Current * Up to ± 4% Constant Current Accuracy * Built-in Power MOSFET * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	30	-	-
UL67B*	<p>ADAPTIVE CONDUCTION LINEAR DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 40mA Output Current * Up to ± 4% Constant Current Accuracy * Built-in Power MOSFET * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	40	-	-
UL67C	<p>ADAPTIVE CONDUCTION LINEAR DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 60mA Output Current * Up to ± 4% Constant Current Accuracy * Built-in Power MOSFET * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	60	-	-
UL68A	<p>HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 30mA Output Current * Up to ± 3% Constant Current Accuracy * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	30	-	-
UL68B	<p>HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 60mA Output Current * Up to ± 3% Constant Current Accuracy * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	60	-	-
UL68C	<p>HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 60mA Output Current * Up to ± 3% Constant Current Accuracy * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	60	-	-
UL68D	<p>HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 100mA Output Current * Up to ± 3% Constant Current Accuracy * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	100	-	-
UL69B	<p>HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * 5mA ~ 60mA Output Current * Up to ± 3% Constant Current Accuracy * Built-in Power MOSFET * No EMC Problem * Temperature Compensate * Thermal Shutdown 	* Linear	-	-	60	-	-
UL68X	<p>HIGH ACCURACY LINEAR CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * Output Current is determined by the external MOSFET * Up to ± 3% Constant Current Accuracy * No EMC Problem * High pressure automatically adjust the current function * Temperature Compensate * Thermal Shutdown 	* Buck	-	-	30	-	-
UL75	<p>ADAPTIVE CONDUCTION LINEAR DRIVER</p> <ul style="list-style-type: none"> * Adaptive Conduction. * Wide Range, Programmable LED Voltage * Output LED Current available from 50mA to 100mA * Can be Paralleled for Higher Current * 5V to 500V Supply Voltage Range * High Efficiency * Stable LED Brightness * Over Temperature Protection * Patent Pending Drive Architecture * Low THD 	* Linear	-	-	100	-	-

UL82A	NON ISOLATED BUCK CONSTANT CURRENT LED DRIVER IC <ul style="list-style-type: none"> * The integrated 500V power mos. * The integrated high voltage power supply function. * The inductor current critical continuous mode. * Without auxiliary winding detection and power supply. * The wide voltage input voltage. * ±5% LED output current accuracy. * The LED short circuit and open circuit protection. * The chip power supply under voltage protection. * The regulating function of overheating 	* Buck	7	8	200	88%	-
UL82B	NON ISOLATED BUCK CONSTANT CURRENT LED DRIVER IC <ul style="list-style-type: none"> * The integrated 500V power mos. * The integrated high voltage power supply function. * The inductor current critical continuous mode. * Without auxiliary winding detection and power supply. * The wide voltage input voltage. * ±5% LED output current accuracy. * The LED short circuit and open circuit protection. * The chip power supply under voltage protection. * The regulating function of overheating 	* Buck	7	8	200	88%	-
UL82C	NON ISOLATED BUCK CONSTANT CURRENT LED DRIVER IC <ul style="list-style-type: none"> * The integrated 500V power mos. * The integrated high voltage power supply function. * The inductor current critical continuous mode. * Without auxiliary winding detection and power supply. * The wide voltage input voltage. * ±5% LED output current accuracy. * The LED short circuit and open circuit protection. * The chip power supply under voltage protection. * The regulating function of overheating 	* Buck	7	8	200	88%	-
UL83B	NON ISOLATED BUCK CONSTANT CURRENT LED DRIVER IC <ul style="list-style-type: none"> * The integrated 500V power mos. * The integrated high voltage power supply function. * The inductor current critical continuous mode. * Without auxiliary winding detection and power supply. * The wide voltage input voltage. * ±5% LED output current accuracy. * The LED short circuit and open circuit protection. * The chip power supply under voltage protection. * The regulating function of overheating 	* Buck	-	8.5	-	-	-
UL96A	NON ISOLATED BUCK CONSTANT CURRENT LED DRIVER IC <ul style="list-style-type: none"> * The integrated 500V power mos. * The integrated high voltage power supply function. * The inductor current critical continuous mode. * Without auxiliary winding detection and power supply. * The wide voltage input voltage. * ±5% LED output current accuracy. * The LED short circuit and open circuit protection. * The chip power supply under voltage protection. * The regulating function of overheating 	* Buck	6	7.2	150	88%	-
UL98A	NON ISOLATED BUCK CONSTANT CURRENT LED DRIVER IC <ul style="list-style-type: none"> * The integrated 500V power mos. * The integrated high voltage power supply function. * The inductor current critical continuous mode. * Without auxiliary winding detection and power supply. * The wide voltage input voltage. * ±5% LED output current accuracy. * The LED short circuit and open circuit protection. * The chip power supply under voltage protection. * The regulating function of overheating 	* Buck	6	7.2	150	88%	-
UL98B	NON ISOLATED BUCK CONSTANT CURRENT LED DRIVER IC <ul style="list-style-type: none"> * The integrated 500V power mos. * The integrated high voltage power supply function. * The inductor current critical continuous mode. * Without auxiliary winding detection and power supply. * The wide voltage input voltage. * ±5% LED output current accuracy. * The LED short circuit and open circuit protection. * The chip power supply under voltage protection. * The regulating function of overheating 	* Buck	6	7.2	150	88%	-
UL98C	NON ISOLATED BUCK CONSTANT CURRENT LED DRIVER IC <ul style="list-style-type: none"> * The integrated 500V power mos. * The integrated high voltage power supply function. * The inductor current critical continuous mode. * Without auxiliary winding detection and power supply. * The wide voltage input voltage. * ±5% LED output current accuracy. * The LED short circuit and open circuit protection. * The chip power supply under voltage protection. * The regulating function of overheating 	* Buck	6	7.2	150	88%	-
UC4107	TWO-STAGE HYSTERETIC LED DRIVER CONTROLLER <ul style="list-style-type: none"> * Topology: Boost+Buck * Input Voltage Range: 4.5V~40V * Adjustable Peak Input Current Control * Adjustable Boost Output Voltage * Independent Dual Stage Function * Adjustable LED Current * LED Current Accuracy: ±5% * Input Under Voltage Lockout Detection * Thermal Shutdown Protection 	* Buck	4.5	40	-	-	-
USL250X	High precision constant current regulation at universal AC input <ul style="list-style-type: none"> * Support system application with PF>0.7 and no flicking * Sense and supply without auxiliary winding inductance * Low system cost and high efficiency * Low operation current * Programmable CC regulation * Transition mode operation * LED string short circuit protection * Cycle-by-cycle current limiting * Built-in Leading Edge Blanking (LEB) * VDD Under Voltage Lockout with Hysteresis * Over temperature protection (OTP) 	* Buck	8	10.5	-	-	-
L3010	1A High Power LED Driver with 4.5~40V Input <ul style="list-style-type: none"> * 4.5~40V input voltage range * Maximum 1A output current * 0.150 built-in power MOSFET * 28kHz fixed frequency * Excellent constant current accuracy ±1% * High efficiency up to 96% * Thermal shutdown * Cycle-by-cycle over current protection 	* Buck	4.5	50	1000	96%	280K
L3012	1A High Power LED Driver with 4.5~40V Input with ADJ & PWM Dimming Function <ul style="list-style-type: none"> * 4.5~40V input voltage range * Maximum 1A output current * 0.150 built-in power MOSFET * 28kHz fixed frequency * Excellent constant current accuracy ±1% * Thermal shutdown * Cycle-by-cycle over current protection * PWM dimming function 	* Buck	6	36	1000	96%	280K
L3060	30V/500mA HIGH DIMMING RATIO LED CONSTANT CURRENT DRIVER <ul style="list-style-type: none"> * 5V~30V input voltage range * Simple low parts count * Typical ±3% output current accuracy * Up to 500mA output current * Single DIM pin on/off and brightness control using DC voltage or PWM signal * High efficiency up to 97% * Adjustable constant LED current 	* Buck	5	30	500	97%	1M
L3080	30V/800mA INTEGRATED POWER LED DRIVER <ul style="list-style-type: none"> * Up to 800mA output current * High efficiency (up to 97%) * Wide input voltage range: 5V~30V * Typical ±5% output current accuracy * Single DIM pin on/off and brightness control using DC voltage or PWM signal * LED open-circuit protection * LED short-circuit protection * Internal thermal shutdown protection. * Adjustable Constant LED Current 	* Buck	5	30	800	97%	1M

LS100	<p>Step-Up Converter for Drive up to Series 6 White LEDs</p> <ul style="list-style-type: none"> * Inherently Matched LED Current * High Efficiency: 83% Typical * Drives Up to Four LEDs from a 3.2V Supply * Drives Up to Six LEDs from a 5V Supply * 36V Rugged Bipolar Switch * 1.2MHz Switching Frequency * Uses Tiny 1mm Tall Inductors * Output Capacitor can be small to only 0.22µF 	* Boost	2.5	12	-	83%	1.2M
LS101	<p>Step-Up Converter for Drive Up to Series 5 White LEDs</p> <ul style="list-style-type: none"> * Open Circuit and Over Voltage Protection * High Efficiency: 86% Typical * Switching Frequency: 1.2MHz * Supply Current is 1.0mA * Matches LED Current * Requires Tiny Inductor and Capacitors * Halogen Free 	* Boost	2.5	5.5	-	86%	1.2M
LS200	<p>Low Noise, Regulated Charge Pump DC-DC Converter</p> <ul style="list-style-type: none"> * Low Noise Constant Frequency Operation * Output Current: 100mA * 2MHz Switching Frequency * 4.5V/5.0V Fixed Output Voltage * VIN Range: 2.7V ~ VOUT * Automatic Soft-Start * No Inductors * Less than 1µA of Shutdown Current 	* Charge pump	2.7	-	150	80%	1M
UC3501	<p>High Efficient Low Cost Flashlight LED Driver</p> <ul style="list-style-type: none"> * High efficiency:85%~90% * Low cost * Simply add-ins one inductor 	* Boost	0.9	5	150	90%	100K
ULL13A	<p>PRIMARY SIDE CONTROL CONSTANT CURRENT POWER SWITCH</p> <ul style="list-style-type: none"> *Primary-side Control No Opto-Coupler And TL431 Needed *Application Voltage Range:90Vac~264Vac *Internal Integration 730V Power MOSFET *Accurate Constant-Current(CC) Control , Output Current in ±5% *Lowest Component Number Needed * Internal LEB * Open/Short-LED Protection *VDD Over-Voltage Protection (OVP) *VDD Under-Voltage Lockout (UVLO) 	* PSR	-	6	-	-	-
L4075	<p>40V LED driver with internal switch</p> <ul style="list-style-type: none"> * 6V~40V input voltage range * Simple low parts count * Internal 40V power switch * High efficiency up to 95% * Typical 5% output current accuracy * Single pin on/off and brightness control using DC voltage or PWM * Up to 1MHz switching frequency * Protection features: Open-circuit LED Protection Thermal shutdown Protection 	* Buck	6	40	-	95%	154K
L4120	<p>40V/1.2A Integrated Power LED Driver</p> <ul style="list-style-type: none"> * Up to 1.2A output current * High efficiency (up to 97%) * Wide input voltage range: 5V~30V * Typical ±5% output current accuracy * Single ADJ pin on/off and brightness control using DC voltage or PWM signal * Internal thermal shutdown protection. * Adjustable Constant LED Current 	* Buck	6	40	1200	97%	1M
LS104*	<p>1.4A BOOST FOR WHITE LED DRIVER</p> <ul style="list-style-type: none"> * 2.5V~5.5V operating input voltage range * Drives up to 8 series White LEDs * 1.0MHz Fixed Switching Frequency * Wide range for PWM dimming (200Hz~200KHz) * Internal 1.4A switching current limit * Over Voltage Protection (OVP) * Internal Soft-start Function * Current limit and Thermal shutdown protection * Under voltage Lockout 	* Boost	2.5	5.5	350	-	1M
ULL12	<p>16V LINEAR LED DRIVER WITH ADJUSTABLE CURRENT</p> <ul style="list-style-type: none"> * Wide input voltage 1.3V ~16V * 1mA~300mA LED Current Driver * Drive current programmable by external sense resistor * NTC Function * <100ppm temperature coefficient * 3-pin with least peripheral component <p>□ ORDERING INFORMATION</p>	* Linear	1.3	16	300	-	-
ULL11*	<p>LINEAR LED DRIVER WITH EXTENDABLE INPUT VOLTAGE</p> <ul style="list-style-type: none"> * 10V VDD to LED voltage * Drive current programmable by RISET * 250mV sense voltage * 170mA output current 	* Linear	2.6	16	170	-	-
UL9024	<p>NON-ISOLATED HIGH EFFICIENCY BUCK CONSTANT CURRENT LED DRIVER</p> <ul style="list-style-type: none"> * No VCC capacitor and start-up resistor * Wide input voltage range * High efficiency (up to 95%) * Highly accurate constant LED current * Cycle-by-cycle current limitation * LED short circuit protection * Leading edge blanking control * Under-voltage Lockout protection (UVLO) * Thermal adjustment 	* Buck	-	500	110	95%	-
UL537	<ul style="list-style-type: none"> * Output constant current :5~100mA * High precision constant current<±5% * High PF and low harmonic distortion * Overheating protection function * Line voltage compensation function can be set * Realize stepless dimmer with PWM interface * Application solutions without EMI problems * The simple line and low cost power supply 	* Linear	-	-	100	-	-

Package (封装方式)
SOT-25
SOP-8
SOT-33 SOT-89
SOT-26
HSOP-8
HSOP-8
HSOP-8
SOP-8
SOP-8 DIP-8
HSOP-8
HSOP-8
SOT-25
TSSOP-16
SOP-8

SOT-23
SOP-8
SOT-25
SOT-26
SOT-26
SOT-26
SOP-8
SOP-8
SOP-8
DIP-8
SOP-8
SOP-8
SOP-8
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SOP-8 DIP-8
SOP-8
SOP-8
SOP-8
SOP-8 DIP-8
HSOP-8
HSOP-8
HSOP-8
HSOP-8
TO-252
TO-252 SOT-89 SOT-223

TO-252 SOT-89 SOT-223
TO-252 SOT-89 SOT-223 HSOP-8 HOP-8
TO-252 SOT-89 SOT-223
SOT-25
HSOP-8
HSOP-8
HSOP-8
TO-252 SOT-89 SOT-223
TO-252 SOT-89 SOT-223
TO-252 SOT-89 SOT-223
TO-252 SOT-89 SOT-223
HSOP-8
SOT-25
HSOP-8

SOT-23-3 SOT-23 SOT-89 HSOP-8 TO-92
SOT-23-3 SOT-23 SOT-89 HSOP-8 TO-92
SOT-23-3 SOT-23 SOT-89 HSOP-8 TO-92
SOT-23-3 SOT-23 SOT-89 HSOP-8 TO-92
SOP-8
SOT-23
SOT-23
SOT-23
SOT-23
SOP-8 HSOP-8
SOP-8 DIP-8
SOP-8
SOP-8
SOT-25
SOT-89-5

SOT-25
SOT-26
MSOP-8 SOT-26 TSOT-26
TO-92
SOP-8
SOT-25
SOT-89-5
SOT-26
SOT-89
SOT-25
SOP-8
MSOP-8

Power Management > Synchronous Rectifier

Part No. (勾選方式)	Features	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	Vcc(ON) (TYP)(V) (Range)	Icc(Max) (mA) (Range)	RDS(on) (Max)(mΩ) (Range)
USR5VA10	<ul style="list-style-type: none"> * SYNCHRONOUS RECTIFIERR * High efficiency, Low temperature * Synchronous rectification, support DCM and QR mode flyback system * Internal integrated 20mΩ/45V NMOS * Self-power supply design, no need for external power supply * Self-detection, no need for external synchronous signal * Only 3 poles (VCC-K-A), can directly replace Schottky Barrier Diode 	7	15	5	0.26	20
USR5V10X	<ul style="list-style-type: none"> * Low cost small size CC/CV mode support * Accurate secondary side MOSFET VDS sensing * Output voltage over-shoot control and under-shoot control * Suitable for DCM, QR operation * Up to 150kHz operation frequency * VDD UVLO protection 	-	7	3	0.7	30 15 8
USRC8801*	<ul style="list-style-type: none"> * Works with both Standard and Logic Level FETS * Compatible with Energy Star, 1W Standby Requirements * VDD Range From 8V to 24V * 70mV VDS Regulation Function * Fast Turn-off Total Delay of 20ns * Max 400kHz Switching Frequency * <3mA Low Quiescent Current * Supports CCM, DCM and Quasi-Resonant Topologies * Supports High-side and Low-side Rectification * Power Savings of Up to 1.5W in a Typical Notebook Adapter 	-	24	5	12	-
USRC8802*	<ul style="list-style-type: none"> * Supports DCM and Quasi-Resonant Flyback converters * Integrated 10mΩ 60V Power Switch * Compatible with Energy Star, 1W Standby Requirements * VDD Range From 8V to 24V * 70mV VDS Regulation Function * Max 300kHz Switching Frequency * Light Load Mode Function (L)with <300uA Quiescent Current * Supports High-Side and Low-Side Rectification * Power Savings of Up to 1.5W in a Typical Notebook Adapte 	-	24	5	8	11.4

Package (勾选方式)
SOT-223 TO-251 SOP-8
SOP-8
SOT-25
HSOP-8

Power Management > Magic Switch

Part No. (勾選方式)	Features	VDSS(V) (Range)	RDS(on) (KΩ) (Range)	I supply (AC) (MAX) (uA) (Range)
UASS101	<ul style="list-style-type: none"> * Remove Phantom Power consumption * Meet safety ICE 60065/60950 * ~1KV Break down voltage * For lightning surge sensitive environment * Can work with any EMI's capacitor filter * Most cost effective, Layout easy solution, easily to meet Erp lot6 tier 2 requirement 	1000	60	20
UASS103	<ul style="list-style-type: none"> * No load consumption can be reduced ~180mw for EPA/Climate Saver Application to reduce the phantom power. * Reliable and rugged * No VCC 	800	1	-

**Package
(勾選方式)**

SOP-8

SOP-8

Power Management > USB Power Switch

Part No. (有源方式)	Features	V _{CC} (MIN)(V) (Range)	V _{CC} (MAX)(V) (Range)	Current limit(A) (Range)	Current limit(A) (Range)	Number of switches (有源方式)	Enable (有源方式)	Function (有源方式)	Package (有源方式)
US2005	70mΩ, 0.5A High-Side Power Switches With Flag <ul style="list-style-type: none"> Built-in 80mΩ N-MOSFET Open-drain fault flag output to indicate fault conditions Input voltage varies from 2.3V to 5.5V 80μA low quiescent current Current limit values of 0.5A, 0.8A, and 1.2A Automatic on output after fault Thermal protection Under-voltage lock-out (UVLO) 	2.5	5.5	0.7	1.6	1	Active to Active High	CSEW Fault	SOT-26
US3075-US3375	0.5A Power Distribution Switch <ul style="list-style-type: none"> Operating on the Range of 3V to 5.5V High-Side MOSFET with 100mΩ RDS(ON) (TYP.) Quiescent Supply Current: 65μA Available with 4 Versions of Current Limits with Foldback Rise Time: 400ns (TYP.) UVLO (Under Voltage Lockout) Output Shutdown Pull-low Resistor Shutdown Supply Current: 1μA (MAX.) Available with Active-Low / High Enable Reverse Current is Not Generated when in Power Off State Depledged Open-Drain Over-Current Flag Output (OC) US3075:0.5A ; US3175:0.7A ; US3275:1.1A ; US3375:1.5A 	3	5.5	0.75	2	1	Active to Active High	Fault	SOP-8 MSOP-8 TSOP-8
US201A/B/C	0.6A High-Side Power Switches With Flag <ul style="list-style-type: none"> 80mΩ(TYP) N-Channel MOSFET Supply Current: <ul style="list-style-type: none"> Switch On : 25μA(TYP) Switch Off : 1μA(TYP) Load Current 500mA for US201 and 1.0A for US201A/B/C Min:0.6A, I:1.1A, B:1.2A, C:1.5A ; J:Active High L:Active Low Input Voltage from 2V ~ 5.5V In Off-State: Output Voltage can be Higher than Input 	2	5.5	0.8	2	1	Active to Active High	Fault	SOT-25
US107	2.2A POWER DISTRIBUTION SWITCH <ul style="list-style-type: none"> Single power switch family Operating range: 3.0V~5.5V 130μA quiescent supply current 1μA maximum shutdown supply current 70mΩ high-side MOSFET 1ms typical rise time Under-voltage lockout Available with Active-Low / High Enable A:2.2A, B:1.7A, C:1.3A No reverse current when power off Output shutdown pull-low resistor Depledged open-drain over-current flag output (OC) Output reverse-voltage protection 	3	5.5	1.5	2.5	1	Active to Active High	Fault	SOT-25
US203	HIGH-SIDE POWER SWITCHES WITH FLAG <ul style="list-style-type: none"> Input Voltage Varies From 3.5V to 5.5V Built-in N-MOSFET Output Can be Forced Higher than Input (Off-State) Typical Low Supply Current: <ul style="list-style-type: none"> Switch On: 25μA (TYP) Switch Off: 0.1μA (TYP) Open-Drain Fault Flag Output To Indicate Fault Conditions Protection Circuits: <ul style="list-style-type: none"> Soft-start(Hot plug-in application) UVLO 1.7V (TYP.) Current Limiting Protection Thermal Shutdown Protection *AH:2.1A / Active High, AL:2.1A/Active Low *BH:1.6A / Active High, BL:1.6A/Active Low *CH:1.1A / Active High, CL:1.1A/Active Low *DH:0.6A / Active High, DL:0.6A/Active Low 	3.5	5.5	0.8	2.5	1	Active to Active High	Fault	SOT-25 SOP-8
US202A	1.1A 100mΩ Power Distribution Switches <ul style="list-style-type: none"> Input Voltage Varies From 2.2V to 6V Guaranteed Continuous Current: 1.0A High-Side NMOSFET: 85mΩ (TYP) Soft Start Current Limit:1.5A Thermal Protection Low Supply Current: 23μA Available with Active-Low / High Enable 	2.7	5.5	1.5	2.5	1	Active to Active High	-	SOT-25
US3X77	0.75A Power Distribution Switch Active High	3	5.5	1	3.7	1	Active to Active High	Fault	SOP-8 MSOP-8
US210AD	160mΩ, 2.5A High-Side Power-Distribution Switches <ul style="list-style-type: none"> Operating range: 2.7V~5.5V High-side MOSFET: 160mΩ (TYP.) Quiescent supply current: 25μA(TYP.) Standby supply current: 1μA (Max.) 1A Continuous Output Current* Programmable current limit,1A(TYP.) Reverse input-output voltage protection Built-in soft-start Under-voltage Lockout 	2.7	5.5	-	1.1	1	Active to Active High	-	SOT-25
US205	100mΩ, 2A High-Side Power Switches With Flag <ul style="list-style-type: none"> High-Side NMOSFET: 100mΩ (TYP) Input Voltage Varies from 2.7V to 5.5V Low Supply Current: 20μA Over Current Protection Short Circuit Protection Under-voltage Lockout Thermal Protection with Foldback Slow Rise Limited Turn-On Time 3ms (5V) Reverse Blocking Current RoHS Compliant Available with Active-Low / High Enable 	2.7	5.5	-	0.8	1	Active to Active High	-	SOP-8
US206	0.7A POWER DISTRIBUTION SWITCH <ul style="list-style-type: none"> Operating on the Range of 3.0V to 5.5V High-Side MOSFET with 85mΩ RDS(ON) Quiescent Supply Current: 65μA Available with 4 Versions of Current Limits with Foldback Rise Time: 400ns (TYP.) UVLO (Under Voltage Lockout) Output Shutdown Pull-low Resistor Shutdown Supply Current: 1μA (MAX.) Logic Level Enable Pin, Available with Active-High or Active-Low Version Reverse Current is Not Generated when in Power Off State Depledged Open-Drain Over-Current Flag Output (OC) 	3	5.5	1	2.5	1	Active to Active High	Fault	SOT-25
US152B	2.0A USB High-Side Power Switch Advance Information <ul style="list-style-type: none"> Open-Drain Fault Flag Low on-Resistance MOSFET: Typical 110mΩ(at 5.0V) Operating Voltage Varying From 3.0V to 5.5V Output can be Forced Higher than Input when Operating in Off State. Slow Turn-On (Soft-Start) and Fast Turn-Off On-State Supply Current: 100 μA (TYP) Standby Supply Current: 1μA (TYP) Current Limit: 1.4A (TYP) Thermal Shutdown Protection Circuit UVLO (Under Voltage Lockout): 2.4V (TYP) Available with Active-Low / High Enable 	3	5.5	-	1.4	1	Active to Active High	Fault	SOP-8
US2076	0.5A Dual USB High side power switch Active High Output Rise Time 500us Typical <ul style="list-style-type: none"> MOSFET with Low On-Resistance: 140mΩ max./65.0V per Channel Continuous Load Current: 500mA (MIN.) per Channel Off-State Supply Current: 1μA (TYP.) Output can be Forced Higher than Input (Off-State) Current Limit up to 1.25A (MAX.) Input Supply Voltage: 3.0V ~ 5.5V On-State Supply Current: 110μA (TYP.) Thermal Shutdown Protection Circuit UVLO (Under-voltage Lockout): 2.4V (TYP.) Open-Drain Fault Flag 1ms Turn-On (Soft-Start) and Fast Turn-Off Compliant to USB Specifications Available with Active-Low / High Enable 	3	5.5	-	0.75	2	Active to Active High	Fault	SOP-8
US3076-US3376	0.5A Dual USB High-Side Power Switch <ul style="list-style-type: none"> Operating on the Range of 3V to 5.5V High-Side MOSFET with 87mΩ RDS(ON) Quiescent Supply Current: 65μA Available with 4 Versions of Current Limits with Foldback Rise Time: 400ns (TYP) UVLO (Under Voltage Lockout) Shutdown Supply Current: 1μA (MAX) Reverse Current is not Generated when in Power Off State Depledged Open-Drain Over-Current Flag Output (OC) Available with Active-Low / High Enable US3076:0.75A, US3176:1A, US3276:1.5A, US3376:2A 	3	5.5	0.75	2	2	Active to Active High	Fault	SOP-8 MSOP-8
US16855	0.6A Dual USB High-Side Switch for USB Application Active High <ul style="list-style-type: none"> 4V ~ 5.5V operating range Two P-channel power MOSFET control switch Over-current protection Under-voltage lockout circuit Thermal shutdown circuit Soft-start circuit Flag indicates fault conditions 	4	5.5	-	0.9	2	Active to Active High	Fault	SOP-8

Power Management > USB Power Switch

Part No. (有源方式)	Features	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	Current limit(A) (Range)	Current limit(A) (Range)	Number of switches (有源方式)	Enable (有源方式)	Function (有源方式)	Package (有源方式)
US2075A	0.8A Dual Channel Power Distribution Control Switch for USB Output Rise Time 5.0ms Typical active-low <ul style="list-style-type: none"> * 100 µA MAX operating current * 5µA MAX standby current * 3.5V ~ 5.5V operating range * Two P-channel power MOSFET control switch * Over-current protection * Under-voltage lockout circuit * Thermal shutdown circuit * Soft-start circuit * Flag indicates fault conditions 	3.5	5.5	-	0.9	2	Active low	Fault	SOP-8
US2075C	0.6A Dual Channel Power Distribution Control Switch for USB Output Rise Time 5.0ms Typical active-high <ul style="list-style-type: none"> * 100 µA MAX operating current * 5µA MAX standby current * 3.5V ~ 5.5V operating range * Two P-channel power MOSFET control switch * Over-current protection * Under-voltage lockout circuit * Thermal shutdown circuit * Soft-start circuit * Flag indicates fault conditions 	3.5	5.5	-	0.9	2	Active high	Fault	SOP-8
US2175	Dual USB High Side Power Switch Active High <ul style="list-style-type: none"> * Open-Drain Fault Flag * High-Side MOSFET Switch with 5V Input Voltage * 110mΩ MOSFET Meets USB Voltage Drop Requirements for Maximum Transmission Wire Length * Load Current: 1A * Output Can Be Forced Higher Than Input (OFF-State) * On-State Supply Current: 50µA (TYP.) * Off-State Supply Current: 1µA (TYP.) * Current-Limit / Short Circuit Protection and Thermal Shutdown Protection Under Overcurrent Condition * UVLO Makes the Switch OFF at Start UP * With Slow Turn On and Fast Turn Off * Enable Active-Low or Active-High 	-	5	-	1.3	2	Active lo Active high	Fault	SOP-8
US2026A	Dual Channel USB Power Switch and Over Current Protection Output Rise Time 160µs Typical <ul style="list-style-type: none"> * Two P-channel power MOSFET control switch * 110µA Max operating current * 5µA Max standby current * 1.5 mΩ Max switch resistance * 2.7V ~ 5.5V input voltage range * 300mA minimum continuous load current * Smooth turn-on eliminates in-rush induced voltage drop * 1 ms fault flag delay filters Hot-Plug events * Over-current protection * Under-voltage lockout circuit * Thermal shutdown protection * Flag indicates fault conditions 	2.7	5.5	-	1.5	2	Active low	Fault	SOP-8
US204	100mΩ, 1.1A Dual High-Side Power Switches With Flag <ul style="list-style-type: none"> * 100mΩ(Typ) N-Channel MOSFET * Supply Current: - Switch On : 60µA (Typ) - Switch Off : 1µA (Typ) * Load Current: 1.5A for US204AH/AL and 1.0A for US204CH/CL * Input Voltage from 2V ~ 5.5V * In Off-State: Output Voltage can be Higher than Input * AV: 1.5A/Active High, AL: 1.5A/Active Low * CH: 1A/Active High, CL: 1A/Active Low 	2	5.5	1.5	2	2	Active lo Active high	Fault	SOP-8
US211	High-Side Power Switches With Flag <ul style="list-style-type: none"> * 80mΩ(Typ) N-Channel MOSFET * Supply Current: - Switch On : 25µA (Typ) - Switch Off : 1µA (Typ) * Load Current: 500mA for US211 and 1.0A for US211A/B/C * Blank: 0.6A, A: 1.1A, B: 1.3A, C: 1.5A * Input Voltage from 2V ~ 5.5V * In Off-State: Output Voltage can be Higher than Input * Available with Active-Low / High Enable 	2	5.5	0.8	2	1	Active lo Active high	Fault	SOT-25
US212	0.5A SINGLE CHANNEL CURRENT-LIMITED POWER SWITCH <ul style="list-style-type: none"> * Single USB Port Power Switches * Over-Current and Thermal Protection * 0.8A Accurate Current Limiting * Reverse Current Blocking * 110 mΩ On-Resistance * Input Voltage Range: 2.7V~5.5V * 0.6ms Typical Rise Time * Very Low Shutdown Current: 1µA (max) * Fault Report (FLG) with 7ms delay capability * Ambient Temperature Range: -40°C~+85°C * Available with Active-Low / High Enable 	2.7	5.5	-	0.8	1	Active lo Active high	Fault	SOP-8
US222	2.0A High-Side Power Switches With Flag <ul style="list-style-type: none"> * Low MOSFET On Resistance: 85mΩ * Compliant to USB Specifications * Available 4 Versions of Continuous Load AL/HL: 2.0A, BL/BL: 1.5A, CL/CL: 1.0A, DL/DH: 0.5A * Logic Level Enable Pin: Available with Active-high or Active-low Version * Low Supply Current: 60µA (Typ.) * Low Shutdown Current: 1.0µA (Max) * Soft Start-up * Under-voltage Lockout * Over-current Protection * Over Temperature Protection * Load Short Protection with Fold-back * Depleted FLAG Output with Open Drain * No Reverse Current When Power Off * With Output Shutdown Pull-Down Resistor 	-	5.5	1	2.7	1	Active lo Active high	Fault	SOT-25
US223	2.1A High-Side Power Switches With Flag <ul style="list-style-type: none"> * Input Voltage Varies From 3.5V to 5.5V * Built-in N-MOSFET * Output Can Be Forced Higher Than Input (OFF-State) * Typical Low Supply Current: - Switch On: 25µA (TYP.) - Switch Off: 0.1µA (TYP.) * Open-Drain Fault Flag Output To Indicate Fault Conditions * Protection Circuits: - Soft-start: Hot plug-in application) - UVLO 1.7V (TYP.) - Current Limiting Protection - Thermal Shutdown Protection * Reverse Current Flow Blocking (No Body Diode) * AH/AL: 3.2A, BH/BL: 2.5A, CH/CL: 1.8A, DH/DL: 1.1A 	3.5	5.5	0.8	2.5	1	Active lo Active high	Fault	SOT-25
US251	0.5A CURRENT-LIMITED POWER-DISTRIBUTION SWITCHES <ul style="list-style-type: none"> * Single Power Switch Family * 80-mΩ High-Side MOSFET * Rated currents of 0.5 A, 1 A, 1.5 A, 2 A * Accurate, Fixed, Constant Current Limit * Depleted Fault Reporting * Output Discharge When Disabled * Reverse Current Blocking * Built-in Softstart * Current Limit: 0B: 0.8mA, 16: 1.6mA, 22: 2.3mA, 29: 2.9mA 	3.5	5.5	0.8	2.9	1	Active lo Active high	Fault	SOT-25
US236H	* Operating Range: 4.5V~5.5V <ul style="list-style-type: none"> * Quiescent Supply Current: 50µA (TYP.) * Standby Supply Current: 1µA (Max.) * Output Voltage Switch to 5VSB at S3/S4/S5 * 400mΩ High Side Switch & 200mA Continuous Load Current * Output Voltage Switch to VCC at S0/S1/S2 * 80mΩ High Side Switch & 1.5A Continuous Load Current * Built-in Soft-Start * Fast Turn Off * Enable Active-High * Meets USB Current-Limiting Requirements 	4.5	5.5	0.75	2.3	1	Active high	POWER MULTIPLEXER	SOP-8
US301	0.2A SINGLE CHANNEL CURRENT-LIMITED LOAD SWITCH <ul style="list-style-type: none"> * Input voltage range: 2.7V~5.2V * Short-circuit protection and fast response time * Accurate current limiting: 0.4A * On-resistance: 250 mΩ * Reverse-current blocking * Soft-start with 0.7ms typical turn-on time * Over-current and over-voltage protection * Thermal protection * Ambient temperature range: -40°C~+85°C 	2.7	5.2	-	0.4	1	-	-	SOT-23-3

Power Management > Load Switch

Part No. (勾選方式)	Features	V _{CC} (MIN)(V) (Range)	V _{CC} (MAX)(V) (Range)	I _{CC} (uA) (Range)	I _{STRAY} (uA) (Range)	R _{ON} (mΩ) (Range)	I _{OUT} (A) (Range)	Package (勾選方式)
US94060	High-Side Power Switch Active High Ton_Dly 0.85us * Operating voltage range:1.8V ~ 5.5V * Providing 2A continuous operating current * P-channel MOSFET's RDS(ON) : 90mΩ typical * Built-in level shift for control logic * Quiescent current is as low as 2μA * Micro-power shutdown less than 1μA	1.8	5.5	2	1	165	2	SOT-26
US94061	High-Side Power Switch Active High Ton_Dly 0.85us Rshutdown 200Ω * Operating voltage range:1.8V ~ 5.5V * Providing 2A continuous operating current * P-channel MOSFET's RDS(ON) : 90mΩ typical * Built-in level shift for control logic * Quiescent current is as low as 2μA * Micro-power shutdown less than 1μA * Built-IN Level Shift Circuitry: Controlled 1μs Turn-ON Rise-Time Fast 60ns Turn-OFF Fall Time * Built-IN Fast-OFF Load Discharge Circuit	1.8	5.5	2	1	165	2	SOT-26
US22360320B	ULTRA SMALL, LOW INPUT VOLTAGE, LOW RON, LOAD SWITCHES * Integrated P-Channel Load Switch * Input Voltage: 1V to 3.6V * 1 A Maximum Continuous Switch Current * On-Resistance (Typical Values) RON = 28 mΩ at VIN = 3.6V RON = 33 mΩ at VIN = 2.5V RON = 42 mΩ at VIN = 1.8V RON = 70 mΩ at VIN = 1.2V * Maximum Quiescent Current = 1 mA * Maximum Shutdown Current = 1 μA SOP-8 * Low Control Input Thresholds Enable Use of 1.2V, 1.8V, 2.5V and 3.3V Logic * Controlled Slew Rate to Avoid Inrush Currents: tR = 105μs at VIN = 3.6V	1	3.6	1000	1	75	1	SOP-8
US2236060B	ULTRA-SMALL, LOW-INPUT VOLTAGE, LOW RON LOAD SWITCH * Low Input Voltage: 1.1V~3.6V * Ultra-Low On-State Resistance (RON) * Typical RON values -RON=44mΩ at VIN=3.6V -RON=50mΩ at VIN=2.5V -RON=58mΩ at VIN=1.8V -RON=83mΩ at VIN=1.2V * 1A Maximum Continuous Switch Current * Maximum Quiescent Current < 1μA * Maximum Shutdown Current < 1μA * Low Control Input Thresholds Enable Use of Low-Voltage Logic * Controlled Slew Rate to Avoid Inrush Currents	1.1	3.6	1	1	44		SOP-8
US2236090	ULTRA-SMALL, LOW-INPUT VOLTAGE LOW RON LOAD SWITCH * Input Voltage: 1.1V~3.6V * Ultra-Low ON-State Resistance RON=66mΩ at VIN=3.6V RON=75mΩ at VIN=2.5V RON=90mΩ at VIN=1.8V RON=135mΩ at VIN=1.2V * 500mA Maximum Continuous Switch Current * Quiescent Current < 1μA * Shutdown Current < 1μA * Low Control Input Threshold Enables Use of 1.2V/1.8V/2.5V/3.3V Logic * Controlled Slew Rate (Sj5 Max at 3.6V) * ESD Performance Tested Per JEDEC 22 2000V Human-Body Model (A114-B, Class II) 1000V Charged-Device Model (C101)	1.1	3.6	1	1	66		SOP-8
US2236090D	ULTRA-SMALL, LOW-INPUT VOLTAGE LOW RON LOAD SWITCH * Input Voltage: 1.1V~3.6V * Ultra-Low ON-State Resistance RON=66mΩ at VIN=3.6V RON=75mΩ at VIN=2.5V RON=90mΩ at VIN=1.8V RON=135mΩ at VIN=1.2V * 500mA Maximum Continuous Switch Current * Quiescent Current < 1μA * Shutdown Current < 1μA * Low Control Input Threshold Enables Use of 1.2-V/1.8-V/2.5-V/3.3-V Logic * Controlled Slew Rate (Sj5 Max at 3.6V) * Quick Output Discharge * ESD Performance Tested Per JEDEC 22 2000V Human-Body Model (A114-B, Class II) 1000V Charged-Device Model (C101)	1.1	3.6	1	1	66		SOP-8
US2236095	ULTRA-SMALL, LOW-INPUT VOLTAGE LOW RON LOAD SWITCH * Low Input Voltage: 1.0V~3.6V * Ultra-Low ON Resistance -RON=78mΩ at VIN=3.6V -RON=93mΩ at VIN=2.5V -RON=109mΩ at VIN=1.8V -RON=146mΩ at VIN=1.2V * 500mA Maximum Continuous Switch Current * Ultra Low Quiescent Current: 82nA at 1.8V * Ultra Low Shutdown Current: 44nA at 1.8V * Low Control Input Thresholds Enable Use of 1.2V/1.8V/2.5V/3.3V Logic * Controlled Slew Rate to Avoid Inrush Currents: 40μs tr * ESD Performance Tested Per JEDEC 22 2000V Human-Body Model (A114-B, Class II) 1000V Charged-Device Model (C101)	1	3.6	0.88	0.7	78		SOP-8
US2236095D	ULTRA-SMALL, LOW-INPUT VOLTAGE LOW RON LOAD SWITCH * Low Input Voltage: 1.0V~3.6V * Ultra-Low ON Resistance RON=78mΩ at VIN=3.6V RON=93mΩ at VIN=2.5V RON=109mΩ at VIN=1.8V RON=146mΩ at VIN=1.2V * 500mA Maximum Continuous Switch Current * Ultra Low Quiescent Current: 82nA at 1.8V * Ultra Low Shutdown Current: 44nA at 1.8V * Low Control Input Thresholds Enable Use of 1.2V/1.8V/2.5V/3.3V Logic * Controlled Slew Rate to Avoid Inrush Currents US2236095: 40μs TR * ESD Performance Tested Per JEDEC 22 2000V Human-Body Model (A114-B, Class II) 1000V Charged-Device Model (C101) 0.8mm×0.8mm, 0.4mm Pitch, 0.5mm Height	1	3.6	0.88	0.7	78		SOP-8

Power Management > Load Switch

Part No. (勾選方式)	Features	V _{CC} (MIN)(V) (Range)	V _{CC} (MAX)(V) (Range)	I _{CC} (μ A) (Range)	I _{STRAY} (μ A) (Range)	R _{ON} (m Ω) (Range)	I _{OUT} (A) (Range)	Package (勾選方式)
US2236095DB	<p>ULTRA-SMALL, LOW-INPUTVOLTAGE LOW RON LOAD SWITCH</p> <ul style="list-style-type: none"> * Low Input Voltage: 1.0V-3.6V * Ultra-Low ON Resistance RON=78mΩ at VIN=3.6V RON =93mΩ at VIN=2.5V RON=109mΩ at VIN=1.8V RON=146mΩ at VIN=1.2V * 500mA Maximum Continuous Switch Current * Ultra Low Quiescent Current: 82nA at 1.8V * Ultra Low Shutdown Current: 44nA at 1.8V * Low Control Input Thresholds Enable Use of 1.2-V/1.8-V/2.5-V/3.3-V Logic * Controlled Slew Rate to Avoid Inrush Currents: 220-μs tr * ESD Performance Tested Per JEDEC 22 2000-V Human-Body Model (A114-B, Class II) 1000-V Charged-Device Model (C101) 	1	3.6	0.88	0.7	78		SOP-8
US2236108DB	<p>ULTRA-SMALL, LOW-INPUTVOLTAGE LOW RON LOAD SWITCH</p> <ul style="list-style-type: none"> * Low Input Voltage: 1.0V-3.6V * Ultra-Low ON-State Resistance RON=90mΩ at VIN=3.6V RON =100mΩ at VIN=2.5V RON=114mΩ at VIN=1.8V RON=172mΩ at VIN=1.2V * 500mA Maximum Continuous Switch Current * Ultra Low Quiescent Current: 82nA at 1.8V * Ultra Low Shutdown Current: 44nA at 1.8V * Low Control Input Thresholds Enable Use of 1.2V, 1.8V, 2.5V, 3.3V Logic * Controlled Slew Rate to Avoid Inrush Current: 220μs 	1	3.6	0.88	0.7	90		SOP-8
ULS5422	<p>SINGLE-CHANNEL, ULTRA-LOW RESISTANCE LOAD SWITCH</p> <ul style="list-style-type: none"> * Integrated Single-Channel Load Switch * Input Voltage Range: 0.8 V-5.5V * Low RON Resistance RON=22mΩ at VIN=5V (VBIAS=5V) RON=22mΩ at VIN=3.6V (VBIAS=5V) RON=22mΩ at VIN=1.8V (VBIAS=5V) * Low Quiescent Current (50μA) * Low Control Input Threshold Enables Use of 1.2V, 1.8V, 2.5V, and 3.3V Logic * Configurable Rise Time * Quick Output Discharge (QOD) 	0.8	5.5	78	2	33		DFN2020-8

Power Management > Gate Drivers

Part No. (勾选方式)	Features	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	Voltage Class(V) (勾选方式)	tD(nS) (Range)	t _r (nS) (Range)	t _f (nS) (Range)	Package (勾选方式)
US2829	Single-Channel High-Speed MOSFET Driver * Low-cost single-channel high-speed MOSFET driver * 2A peak output current * 25ns max rise/fall times and 40ns max propagation delay, 1nF load * Low power dissipation: ICC=15µA(Max)	4	14	14	40	25	25	SOT-25
UTC4424	3A Dual High-Speed Power MOSFET Drivers * Power supply voltage: 4.5V to 18V * High Capacitive Load Drive Capability: 1800pF in 25 ns * Short Delay Times: <40 ns (typ) * Low Output Impedance: 3.5Ω (Typ.)	4.5	18	18	75	35	35	DIP-16 SOP-16
UGD9511	SINGLE-CHANNEL, HIGH-SPEED, LOW-SIDE GATE DRIVER * Low-Cost Gate-Driver Device Offering Superior Replacement of NPN and PNP Discrete Solutions * Strong Sink Current Offers Enhanced Immunity against Miller Turn on * Split Output Configuration (Allows Easy and Independent Adjustment of Turn on and Turn off Speeds) in the UGD9511 Saves 1 Diode * Fast Propagation Delays (13-nsTypical) * Fast Rise and Fall Times (9ns and 7ns Typical) * 4.5V to 18V Single Supply Range * Output Held Low When Input Pins Are Floating * Outputs Held Low During VDD UVLO (Ensures Glitch-Free Operation at Power Up and Power-Down) * TTL and CMOS Compatible Input-Logic Threshold (Independent of Supply Voltage) * Hysteretic-Logic Thresholds for High-Noise Immunity * Dual-Input Design (Choice of an Inverting (IN-Pin) or Non inverting (IN+ Pin) Driver Configuration) * Enable Pin Used for Enable or Disable	4.5	18	18	30	22	11	SOT-26
UTR2101	HALF-BRODGE DRIVER * Floating channel designed for bootstrap operation * Fully operational to +600V * Tolerant to negative transient voltage, dV/dt immune * Gate drive supply range from 10V to 20V	10	20	600	90	90	90	SOP-8
UTR2103*	HALF-BRODGE DRIVER * Floating channel designed for bootstrap operation * Fully operational to 600V * Tolerant to negative transient voltage, dV/dt immune * Gate drive supply range from 10 V to 20 V * Undervoltage lockout * 3.3 V, 5 V, and 15 V input logic compatible * Cross-conduction prevention logic * Internally set deadtime * High-side output in phase with input * Shutdown input turns off both channels	10	20	600	60	170	90	SOP-8 DIP-8
UTR2104*	HALF-BRODGE DRIVER * Floating channel designed for bootstrap operation * Fully operational to 600V * Tolerant to negative transient voltage, dV/dt immune * Gate drive supply range from 10V to 20V * Undervoltage lockout * 3.3V, 5V, and 15V input logic compatible * Cross-conduction prevention logic * Internally set deadtime * High-side output in phase with input * Shutdown input turns off both channels	10	20	600	60	170	90	SOP-8
UTR2011*	HIGH AND LOW SIDE DRIVER * Floating channel designed for bootstrap operation * Fully operational to 200V * Tolerant to negative transient voltage, dV/dt immune * Gate drive supply range from 10 to 20V * Independent low and high side channels * Input logic HIN/LIN active high * Undervoltage lockout for both channels * 3.3V and 5V logic compatible * CMOS Schmitt-triggered inputs with pull-down	10	20	200	20	40	35	SOP-8

Power Management > Gate Drivers

Part No. (勾選方式)	Features	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	Voltage Class(V) (勾選方式)	tD(nS) (Range)	t _r (nS) (Range)	t _f (nS) (Range)	Package (勾選方式)
UTR2117*	<p>HIGH SIDE DRIVER</p> <ul style="list-style-type: none"> * Floating channel designed for bootstrap operation * Fully operational to 600V * Tolerant to negative transient voltage, dV/dt immune * Gate drive supply range from 10 V to 20V * Undervoltage lockout * CMOS Schmitt-triggered inputs with pull-down * Outputs in phase with input 	10	20	600	200	130	65	SOP-8 DIP-8
UTR2304*	<p>HALF-BRODGE DRIVER</p> <ul style="list-style-type: none"> * Floating channel designed for bootstrap operation * Fully operational to 600V * Tolerant to negative transient voltage, dV/dt immune * Gate drive supply range from 10V to 20V * Undervoltage lockout * 3.3V, 5V, and 15V input logic compatible * Cross-conduction prevention logic * Matched propagation delay for both channels * Internal 100 ns deadtime * Outputs in phase with inputs 	10	20	600	210	120	60	SOP-8
UTR2113*	<p>HIGH AND LOW SIDE DRIVER</p> <p>Floating channel designed for bootstrap operation</p> <ul style="list-style-type: none"> * Fully operational to 500V or 600V * Tolerant to negative transient voltage, dV/dt immune * Gate drive supply range from 10V to 20V * Undervoltage lockout for both channels * 3.3V logic compatible * Separate logic supply range from 3.3V to 20V * Logic and power ground ± 5V offset * CMOS Schmitt-triggered inputs with pull-down * Cycle by cycle edge-triggered shutdown logic * Matched propagation delay for both channels 	10	20	600	160	35	25	DIP-16
UC1010	<p>IGNITION GATE DRIVER IC</p> <ul style="list-style-type: none"> * Signal Line Input Buffer * Ground shift tolerance ±1.5 V * Input spike filter * Programmable maximum dwell time * Programmable Input Pull down current * Operation from Ignition or Battery line * Control IGBT current limiting through Vsense pin * Soft Shutdown following Max Dwell Time out 	4	28	6.5	15	-	-	SOT-25

Power Management > Li-Battery Protection IC

Part No. (勾選方式)	Features	Vcc(V) (勾選方式)	Series Cells (勾選方式)	Overcharge Detection Voltage(V) (勾選方式)	Overcharge Release Voltage(V) (勾選方式)	Over discharge Detection Voltage(V) (勾選方式)	Over discharge Release Voltage(V) (勾選方式)
UB227	<p>1-CELL LITHIUM-ION/POLYMER BATTERY PROTECTION IC</p> <ul style="list-style-type: none"> * Wide Supply Voltage Range: VDD=1.5V~8.0V * Ultra-Low Quiescent Current: IOPE=3.0μA (VDD=3.9V) * Ultra-Low Power-Down Current: IPDN=0.1μA (VDD=2.0V) * Overcharge Detection Voltage: VCU=3.9V~4.4V * Overcharge Release Voltage: VCL=3.8V~4.4V * Over Discharge Release Voltage: VDL=2.0V~3.0V * Over Discharge Release Voltage: VDU=2.0V~3.4V * Discharge Over Current Detection Voltage: VDIOV=0.05V~0.30V * Discharge Short Circuit Detection Voltage: VSHORT=0.85V (Fixed) * Charge Over Current Voltage: VCOIV=-0.115V (Fixed) * Charger Detection Voltage: VCHA=-0.7V (Fixed) * Delay Times are Generated by an Internal Circuit. (External Capacitors are Unnecessary.) 	12.0	1	3.9~4.4	3.8~4.4	2.0~3.0	2.0~3.4
UB240	<p>Li-Battery Protection IC 2nd Level Protection For 1 to 4 Cells Battery Pack.</p> <ul style="list-style-type: none"> * High-accuracy voltage detection circuit for each cell * Overcharge detection voltage n (n=1 to 4): 4.05V to 4.50V (in 50mV steps) * Overcharge hysteresis voltage n (n=1 to 4): 0.25V±0.07V, 0.30V±0.10V * Delay times for overcharge detection can be set by an external capacitor * CMOS output active "H" * Wide operating voltage range 3.6V to 24V * Wide operating temperature range -40°C to +85°C * Low current consumption: 1.5μA typ. (+25°C) at 3.5V for each cell 	4.0~25.0	4	4.05~4.5	-	-	-
UB241*	<p>1-CELL LITHIUM-ION/POLYMER BATTERY PROTECTION IC</p> <ul style="list-style-type: none"> * Wide Supply Voltage Range: VDD=1.5V~8.0V * Ultra-Low Quiescent Current: IOPE=3.0μA (VDD=3.5V) * Ultra-Low Power-Down Current: IPDN=0.2μA (VDD=1.5V) * Overcharge Detection Voltage: VCU=3.9V~4.4V * Overcharge Release Voltage: VCL=3.8V~4.4V * Over Discharge Release Voltage: VDL=2.0V~3.0V * Over Discharge Release Voltage: VDU=2.0V~3.4V * Over Current 1 Detection Voltage: VIOV1=0.05V~0.30V * Over Current 2 Detection Voltage: VIOV2=0.5V (Fixed) * Short Circuit Detection Voltage: VSHORT=-1.2V (Fixed, based on VDD) * Charger Detection Voltage: VCHA=-0.7V (Fixed) * Delay Times are Generated by an Internal Circuit. (External Capacitors are Unnecessary.) 	1.5~8.0	1	3.9~4.4	3.8~4.4	2.0~3.0	2.0~3.4
UB211C	<p>1-Cell Lithium-Ion/Polymer Battery Protection IC</p> <p>AA: VCU=4.2V, VCL=4.1V, VDL=2.8V, VDU=2.9V, VDIOV=0.15V AB: VCU=4.28V, VCL=4.13V, VDL=2.8V, VDU=3.1V, VDIOV=0.15V</p> <ul style="list-style-type: none"> * Wide Supply Voltage Range: VDD=1.5V~8.0V * Ultra-Low Quiescent Current: IOPE=3.0μA (VDD=3.5V) * Ultra-Low Power-Down Current: IPDN=0.2μA (VDD=1.5V) * Overcharge Detection Voltage: VCU=3.9V~4.4V * Overcharge Release Voltage: VCL=3.8V~4.4V * Over Discharge Release Voltage: VDL=2.0V~3.0V * Over Discharge Release Voltage: VDU=2.0V~3.4V * Discharge Over Current Detection Voltage: VDIOV=0.05V~0.30V * Discharge Short Circuit Detection Voltage: VSHORT=0.5V (Fixed) * Charge Over Current Voltage: VCOIV=-0.1V (Fixed) * Charger Detection Voltage: VCHA=-0.7V (Fixed) * Delay Times are Generated by an Internal Circuit. (External Capacitors are Unnecessary.) 	1.5~8.0	1	3.9~4.4	3.8~4.4	2.0~3.0	2.0~3.4
UB242	<p>Li-Battery Protection IC Protection For Single Cell Pack</p> <p>VCU=4.25V~4.325V, VDL=2.25V~2.50V</p> <ul style="list-style-type: none"> * Wide supply voltage range: VDD=1.8V~6.5V * Ultra-low quiescent current: IDD=3.0μA (VDD=3.5V) * Ultra-low power-down current: IPD=0.2μA (VDD=2.0V) * Overcharge detection voltage: VOCU=4.200V~4.400V * Overcharge release voltage: VOCR=4.005V~4.225V * Over discharge detection voltage: VODL=2.15V~3.00V * Over discharge release voltage: VODR=2.32V~3.10V * Over current detection voltage: VOI1=0.10V~0.20V * Short circuit detection voltage: VOI2=1.35V (Fixed) * Charger detection voltage: VCH=-0.7V Reset resistance for over current protection: RSHORT > 500kΩ * Delay times are generated by an internal circuit. (External capacitors are unnecessary.) 	1.8~6.5	1	4.2~4.4	4.005~4.225	2.15~3	2.32~3.1
UB2421	<p>One Cell Lithium-ion/Polymer Battery Protection IC</p> <ul style="list-style-type: none"> * Wide supply voltage range: VDD=1.8V~6.5V * Ultra-low quiescent current: IDD=3.0μA (VDD=3.5V) * Ultra-low power-down current: IPD=0.2μA (VDD=2.0V) * Overcharge detection voltage: VOCU=4.30V±0.05V * Overcharge release voltage: VOCR=4.10V±0.05V * Overdischarge release voltage: VODL=2.40V±0.10V * Overdischarge release voltage: VODR=3.00V±0.10V * Over current detection voltage: VOI1=0.15V±0.05V * Short circuit detection voltage: VOI2=1.35V (Fixed) * Charger detection voltage: VCH=-0.7V * Delay times are generated by an internal circuit. (External capacitors are unnecessary.) 	1.8~6.5	1	4.3	4.1	2.4	3.0
UB2422	<p>One Cell Lithium-ion/Polymer Battery Protection IC</p> <ul style="list-style-type: none"> * Wide Supply Voltage Range: VDD=1.8V~6.5V * Ultra-Low Quiescent Current: IDD=3.0μA (VDD=3.5V) * Ultra-Low Power-Down Current: IPD=0.2μA (VDD=2.0V) * Overcharge Detection Voltage: VOCU=3.9V~4.5V * Overcharge Release Voltage: VOCR=3.8V~4.5V * Over Discharge Release Voltage: VODL=2.0V~3.0V * Over Discharge Release Voltage: VODR=2.0V~3.0V * Over Current Detection Voltage: VOI1=0.10V~0.20V * Short Circuit Detection Voltage: VOI2=1.2V (Fixed) * Charger detection voltage: VCH=-0.7V (Fixed) * Delay Times are Generated by an Internal Circuit. (External Capacitors are Unnecessary.) 	1.8~6.5	1	3.9~4.5	3.8~4.5	2.0~3.0	2.0~3.0

Power Management > Li-Battery Protection IC

<p>UB3421</p>	<p>1-CELL LITHIUM-ION/POLYMER BATTERY PROTECTION IC</p> <ul style="list-style-type: none"> * Wide Supply Voltage Range: VDD=1.8V~6.5V * Ultra-Low Quiescent Current: IOPE=3.0µA (VDD=3.5V) * Ultra-Low Power-Down Current: IPDN=0.2µA (VDD=2.0V) * Overcharge Detection Voltage: VCU=3.9V~4.4V * Overcharge Release Voltage: VCL=3.8V~4.4V * Over Discharge Release Voltage: VDL=2.0V~3.0V * Over Discharge Release Voltage: VDU=2.0V~3.4V * Over Current 1 Detection Voltage: VIOV1=0.10V~0.20V * Over Current 2 Detection Voltage: VIOV2=0.5V (Fixed) * Short Circuit Detection Voltage: VSHORT=1.2V (Fixed) * Charge overcurrent detection voltage: VCIP=0.2V (Fixed) * Delay Times are Generated by an Internal Circuit. (External Capacitors are Unnecessary.) 	<p>1.8~6.5</p>	<p>1</p>	<p>3.9~4.4</p>	<p>3.8~4.4</p>	<p>2.0~3.0</p>	<p>2.0~3.4</p>
<p>UB24205</p>	<p>Li-Battery Protection IC With Internal MOSFETs. Protection For Single Cell Pack VCU=4.25V, VDL=2.25V</p> <ul style="list-style-type: none"> * Wide supply voltage range: VDD=1.8V~9.0V * Ultra-low quiescent current: IDD=3.0µA (VDD=3.9V) * Ultra-low power-down current: IPDN=0.1µA (VDD=2.0V) * Overcharge detection voltage: VCU=4.25V±0.050V * Overcharge release voltage: VOCR=4.055V±0.050V * Over discharge release voltage: VODL=2.250V±0.100V * Over discharge detection voltage: VODR=2.850V±0.100V * Over current detection voltage: VOI1= 0.150V±0.030V * Short circuit detection voltage: VOI2=1.35V (Fixed) * Charger detection voltage: VCH=0.7V * Reset resistance for over current protection: RSHORT>500kΩ * No external MOSFETs * Delay times are generated by an internal circuit (External capacitors are unnecessary). * Halogen Free 	<p>1.8~9.0</p>	<p>1</p>	<p>4.25</p>	<p>4.055</p>	<p>2.25</p>	<p>2.85</p>
<p>UB261</p>	<p>Battery Protection IC Protection For Single Cell Pack VCU=3.9V~4.4V, VDL=2.0V~3.0V</p> <ul style="list-style-type: none"> * Wide Supply Voltage Range: VDD=1.5V~8.0V * Ultra-Low Quiescent Current: IOPE=3.0µA (VDD=3.5V) * Ultra-Low Power-Down Current: IPDN=0.2µA (VDD=1.5V) * Overcharge Detection Voltage: VCU=3.9V~4.4V * Overcharge Release Voltage: VCL=3.8V~4.4V * Over Discharge Release Voltage: VDL=2.0V~3.0V * Over Discharge Release Voltage: VDU=2.0V~3.4V * Over Current 1 Detection Voltage: VIOV1=0.05V~0.30V * Over Current 2 Detection Voltage: VIOV2=0.5V (Fixed) * Short Circuit Detection Voltage: VSHORT=1.2V (Fixed) * Charger Detection Voltage: VCHA=0.7V (Fixed) * Delay Times are Generated by an Internal Circuit. (External Capacitors are Unnecessary.) 	<p>1.5~8.0</p>	<p>1</p>	<p>3.9~4.4</p>	<p>3.8~4.4</p>	<p>2.0~3.0</p>	<p>2.0~3.4</p>
<p>UB262</p>	<p>Battery Protection IC Protection For Single Cell Pack VCU=4.25V~4.35V, VDL=2.9V~3.0V</p> <ul style="list-style-type: none"> * High-accuracy voltage detection circuit Overcharge detection voltage: 4.250~4.350V, Accuracy: ±50mV Overcharge release voltage: 4.050~4.150V, Accuracy: ±50mV Overdischarge detection voltage: 2.30~2.90V, Accuracy: ±100mV Overdischarge release voltage: 2.90~3.00V, Accuracy: ±100mV Discharge overcurrent detection voltage: 150mV, Accuracy: ±30mV Short-circuiting detection voltage: 0.85V (fixed), Accuracy: ±300mV * Delay times are generated by an internal circuit (external capacitors are unnecessary) Overcharge delay time: 100ms (typ.) Overdischarge delay time: 25ms (typ.) Discharge overcurrent delay time: 10ms (typ.) Short circuit delay time: 500µs (typ.) * Low current consumption (Products with Power-down Function) Operation mode: 3.0µA typ., 6.0µA max. (VDD=3.9V) Ultra low power-down current: 0.1µA max. (VDD=2.0V) * High-withstanding-voltage device is used for charger connection pins (CS pin and OC pin: Absolute maximum rating=20V) * 0 V battery charge function "available" / "unavailable" are selectable. * Wide operating temperature range: -40°C~+85°C 	<p>1.5~8.0</p>	<p>1</p>	<p>4.25~4.35</p>	<p>4.05~4.15</p>	<p>2.3~2.9</p>	<p>2.9~3.0</p>
<p>UB209A</p>	<p>Li-Ion Battery Protection IC For Series Multi-Cell VCU=3.8V~4.25V</p> <ul style="list-style-type: none"> * Settable delay time by external capacitor for output pin * High-accuracy voltage detection circuit * Two types of cell-balance function: charge/discharge * Control charging, discharging, cell-balance by CTLC, CTLD pins * Low current consumption: 8.0µA max * Wide range of operation temperature (-40°C ~ +85°C) 	<p>1.5~8.0</p>	<p>1</p>	<p>3.8~4.3</p>	<p>3.5~4.2</p>	<p>2.0~3.0</p>	<p>2.4~3.3</p>
<p>UB209B</p>	<p>Li-Ion Battery Protection IC For Series Multi-Cell VCU=3.8V~4.25V</p> <ul style="list-style-type: none"> * Settable delay time by external capacitor for output pin * High-accuracy voltage detection circuit * Two types of cell-balance function: charge/discharge * Control charging, discharging, cell-balance by CTLC, CTLD pins * Low current consumption: 8.0µA max * Wide range of operation temperature (-40°C~+85°C) 	<p>1.5~8.0</p>	<p>1</p>	<p>3.8~4.25</p>	<p>3.5~4.1</p>	<p>2.0~3.0</p>	<p>2.4~3.3</p>
<p>UB244A</p>	<p>Li-Ion Battery Protection IC For 1-Cell To 4-Cell Pack VCU=4.05V~4.5V</p> <ul style="list-style-type: none"> * High-accuracy voltage detection circuit for each cell * Overcharge detection voltage n (n=1 to 4): 4.05V to 4.50V (in 50mV steps) * Overcharge hysteresis voltage n (n=1 to 4): 0.38V±0.10V, 0.25V±0.07V, 0.13V±0.04V, 0.045V±0.02V, None * Delay times for overcharge detection can be set by an external capacitor * CMOS output active "H" * Wide operating voltage range 3.6V to 24V * Wide operating temperature range -40°C to +85°C * Low current consumption: 1.5µA typ. (+25°C) at 3.5V for each cell 	<p>3.6~24</p>	<p>4</p>	<p>4.05~4.5</p>	<p>-</p>	<p>-</p>	<p>-</p>
<p>UB264A</p>	<p>Li-Ion Battery Protection IC For 2-Cell To 4-Cell Pack VCU=4.3V~4.5V</p> <ul style="list-style-type: none"> * High-accuracy voltage detection circuit for each cell * Overcharge detection voltage n (n=1 to 4): 4.30V to 4.80V (in 50mV steps) * Overcharge hysteresis voltage n (n=1 to 4): -0.52V±0.21V, -0.39V±0.16V, -0.26V±0.11V, -0.13V±0.06V, None * Delay times for overcharge detection can be set by an internal circuit without external capacitors * Output control function via CTL pin * CMOS output active "H" * Wide operating voltage range 3.6V to 24V * Wide operating temperature range -40°C ~ +85°C * Low current consumption: 2.5µA typ. (+25°C) at 3.5V for each cell 	<p>3.6~24</p>	<p>4</p>	<p>4.3~4.8</p>	<p>-</p>	<p>-</p>	<p>-</p>

Power Management > Li-Battery Protection IC

UB264B	<p>Li-Ion Battery Protection IC For 2-Cell To 4-Cell Pack VCU=4.3V~4.5V</p> <ul style="list-style-type: none"> * High-accuracy voltage detection circuit for each cell * Overcharge detection voltage n (n=1 to 4): 4.30V to 4.80V (in 50mV steps) * Overcharge hysteresis voltage n (n=1 to 4): -0.52V±0.21V, -0.39V±0.16V, -0.26V±0.11V, -0.13V±0.06V, None * Delay times for overcharge detection can be set by an internal circuit without external capacitors * Output latch function after overcharge detection * CMOS output active "H" * Wide operating voltage range 3.6V to 24V * Wide operating temperature range -40°C to +85°C * Low current consumption: 2.5µA typ. (+25°C) at 3.5V for each cell 	3.6~24	4	4.3~4.8	-	-	-
UB280	<p>1-CELL LITHIUM-ION/POLYMER BATTERY PROTECTION IC</p> <ul style="list-style-type: none"> * Wide Supply Voltage Range: VDD=1.5V~10V * Ultra-Low Quiescent Current: IOPE=3.0µA (VDD=3.9V) * Ultra-Low Power-Down Current: IPDN=0.2µA (VDD=2.0V) * Overcharge Detection Voltage: VDET1=4.05V~4.35V * Overcharge Release Voltage: VREL1=3.8V~4.25V * Over Discharge Detection Voltage: VDET2=2.2V~3.1V * Over Discharge Release Voltage: VREL2=2.3V~3.3V * Discharge Over Current Detection Voltage: VDET3=0.07V~0.23V * Discharge Short Circuit Detection Voltage: VSHORT=0.9V * Over Voltage Charge Detection Voltage: VCHG1=8.0V * Charge Detection Voltage: VCHA=-0.7V * Delay Times are Generated by an Internal Circuit. (External Capacitors are Unnecessary.) 	1.5~10.0	1	4.05~4.35	3.8~4.25	2.2~3.1	2.3~3.3
UB291	<p>1-CELL LITHIUM-ION/POLYMER BATTERY PROTECTION IC</p> <ul style="list-style-type: none"> * Wide Supply Voltage Range: VDD=1.5V~10V * Ultra-Low Quiescent Current: IOPE=3.0µA (VDD=3.9V) * Ultra-Low Power-Down Current: IPDN=0.2µA (VDD=2.0V) * Overcharge Detection Voltage: VDET1=4.05V~4.35V * Overcharge Release Voltage: VREL1=3.8V~4.25V * Over Discharge Detection Voltage: VDET2=2.2V~3.1V * Over Discharge Release Voltage: VREL2=2.3V~3.3V * Discharge Over Current Detection Voltage: VDET3=0.07V~0.23V * Discharge Short Circuit Detection Voltage: VSHORT=0.5V * Charge Over Current Voltage: VDET4=-0.1V * Charge Detection Voltage: VCHA=-0.7V * Delay Times are Generated by an Internal Circuit. (External Capacitors are Unnecessary.) 	1.5~10.0	1	4.05~4.35	3.8~4.25	2.2~3.1	2.3~3.3
UCM101	<p>Bidirectional Precision High-Side Current Monitor</p> <ul style="list-style-type: none"> * Low operating current * High side voltage (2.7~20V) * A fixed gain of 10 * High accuracy (typ=1%) 	2.7~20.0	-	-	-	-	-
UCM102	<p>High-Side Current Monitor</p> <ul style="list-style-type: none"> * Low operating current * High side voltage (2.5~20V) * High accuracy (typ=1%) 	2.5~20.0	-	-	-	-	-
UB3860	<p>BATTERY VOLTAGE AND CURRENT PROTECTION IC</p> <ul style="list-style-type: none"> * Voltage detection and release * Overcharge Detection Voltage * Overcharge Release Voltage * Overdischarge Detection Voltage * Overdischarge Release Voltage * Current Detection and release 	1.5~5.5	1	4.475	4.275	2.5	2.9

Package (勾選方式)
SOT-26
SOP-8 TSSOP-8
SOT-25
SOT-25
SOT-26
SOT-26
SOT-26

SOT-26

SOP-8

SOT-26

SOT-26

TSSOP-8
SOP-8

TSSOP-8
SOP-8

MSOP-8

TSSOP-8

TSSOP-8
SOT-26
SOT-26
SOT-25
SOT-23-3
DFN1616-6

Power Management-Li-Battery Charger IC

Part No. (勾選方式)	Features	Vcc(V) (勾選方式)	IBAT(mA) (勾選方式)	Icc(uA) (勾選方式)
UB2012	<p>Advanced Linear Charge Management IC for Single and Two-cell Lithium-Ion and Lithium-Polymer A : 4.1V B : 4.2V C : 8.2V D : 8.4V</p> <ul style="list-style-type: none"> * Ideal for Single 4.1V,4.2V and Dual-Cell 8.2V,8.4V Li-Ion or Li-Pol Packs * 0.3V Dropout Voltage for Minimizing Heat Dissipation * Better than $\pm 1.2\%$ Accuracy of Voltage Regulation With Preset Voltages * Dynamic Compensation of Battery Pack's Internal Impedance to short Charging Time * Optional Cell-Temperature Monitoring * Integrated Voltage and Current Regulation With Programmable Charge-Current * Integrated Cell Conditioning for Reviving Deeply Discharged Cells and Minimizing Heat Dissipation During Initial Charge Stage * Charge Status Output for Single or Dual Led or Host Processor Interface * Automatic Battery-Recharge Feature * Charge Termination by Minimum Current * Automatic Low-Power Sleep Mode When VCC is Removed * EVMs Available for Quick Evaluation 	4.5~12.0	-	7000
UB2016	<p>Charger Management IC For Single Li or Li-Polymer Battery with fixed 4.2V; OTP and trickle charge</p> <ul style="list-style-type: none"> * Programmable Charge Current Up to 500mA. * No External MOSFET, Sense Resistor or Blocking Diode Required. * Complete linear charger in ThinSOT Package for Single Cell / Coin Cell Lithium-Ion Batteries. * Constant Current / Constant Voltage Operation with Thermal Regulation to Maximize Charge Rate Without Risk of Overheating. * Charges Single Cell Li-Ion Batteries Directly form USB Port. * Preset 4.2V Charge Voltage with High Accuracy about $\pm 1.2\%$. * Automatic Recharge. * 2.9V Trickle Charge Threshold. * 20μA Supply Current in Shutdown Mode. * Charge Status Output Pin. 	4.5~6	500	2000
UB2017	<p>Charger Management IC For Single Li or Li-Polymer Battery with fixed 4.2V; OTP</p> <ul style="list-style-type: none"> * Programmable Charge Current Up to 500mA. * No External MOSFET, Sense Resistor or Blocking Diode Required. * Complete linear charger in Thin SOT Package for Single Cell / Coin Cell Lithium-Ion Batteries. * Constant Current / Constant Voltage Operation with Thermal Regulation to Maximize Charge Rate Without Risk of Overheating. * Charges Single Cell Li-Ion Batteries Directly form USB Port. * Preset 4.2V Charge Voltage with High Accuracy about $\pm 1.2\%$. * Automatic Recharge. * 2.9V Trickle Charge Threshold. * 25μA Max Supply Current in Shutdown Mode. * Charge Status Output Pin. 	4.5~6	500	2000
UB6054	<p>Charger Management IC For Single Li or Li-Polymer Battery with fixed 4.2V; OTP and trickle charge</p> <ul style="list-style-type: none"> * Programmable Charge Current Up to 500mA. * No External MOSFET, Sense Resistor or Blocking Diode Required. * Complete linear charger in ThinSOT Package for Single Cell / Coin Cell Lithium-Ion Batteries. * Constant Current / Constant Voltage Operation with Thermal Regulation to Maximize Charge Rate Without Risk of Overheating. * Charges Single Cell Li-Ion Batteries Directly form USB Port. * Preset 4.2V Charge Voltage with High Accuracy about $\pm 1.2\%$. * Automatic Recharge. * 2.9V Trickle Charge Threshold. * 20μA Supply Current in Shutdown Mode. * Available in a SOT-25 Pacakage. * Charge Status Output Pin. 	4.5~6	500	2000
UB6054A	<p>Charger Management IC For Single Li or Li-Polymer Battery with fixed 4.2V; OTP</p> <ul style="list-style-type: none"> * Programmable Charge Current Up to 500mA. * No External MOSFET, Sense Resistor or Blocking Diode Required. * Complete linear charger in ThinSOT Package for Single Cell / Coin Cell Lithium-Ion Batteries. * Constant Current / Constant Voltage Operation with Thermal Regulation to Maximize Charge Rate Without Risk of Overheating. * Charges Single Cell Li-Ion Batteries Directly form USB Port. * Preset 4.2V Charge Voltage with High Accuracy about $\pm 1.2\%$. * Automatic Recharge. * 2.9V Trickle Charge Threshold. * 20μA Supply Current in Shutdown Mode. * Charge Status Output Pin. 	4.5~6	500	2000

UB10803	<p>Charger Management IC For Single Li or Li-Polymer Battery with fixed 4.2V; OTP and Dual LED drivers</p> <ul style="list-style-type: none"> * A Constant-Current/Constant-Voltage Linear Charger for Single-Cell Li-ion/Polymer Batteries * Integrated Pass Element and Current Sensor * Highly-Integrated, Requiring No External FETs or Blocking Diode * 4.2V Voltage Accuracy: $\pm 1.2\%$ All Temperatures (Available with 4.10V and 4.36V options upon request) * Programmable Charge Current 50mA to 500mA * Programmable End-Of-Charge Current by Current Recharge Algorithm * Pre-Charge for Fully Discharged Batteries * 1μA (Typ.) Leakage Current of the Battery when No Input Power is Attached or Charger is Disabled * Power Present and Charge Status Indications * Thermal Regulation on Charging Current to Prevent Over-Heat * Few Components, Cost-Effective Solutions 	4.5~6.0	500	1000
UB2011	<p>ADVANCED LINEAR AND SWITCH MODE CHARGE MANAGEMENT IC FOR LITHIUM-ION AND LITHIUM-POLYMER</p> <ul style="list-style-type: none"> * Ideal for 1-4 Series Circuit Cell Li-Ion or Li-Pol Packs * High Accuracy of Voltage Regulation With Preset Voltages * Optional Cell-Temperature Monitoring * Current Regulation With Programmable Charge-Current * Charge Termination by Minimum Current * With Short-Circuit Protection * With Thermal Protection * Charge Status Output Pin * Available for Linear and Switch-Mode charging 	3~7	-	350
UC34363	<p>Constant Voltage And Constant Current Controller For Battery Chargers</p> <ul style="list-style-type: none"> * CV/CC linear charge * 3A maximum charge current * PWM control Mode * Available charge current * Over Voltage protect ,Over Current Protect * Enable Control function * Very Low Power Dissipation in Standby Mode 	8~30	-	15000

**Package
(勾选方式)**

DIP-8
SOP-8

SOT-25

SOT-26

SOT-25

SOT-26

HSOP-8
DFN2030-8

SOP-8

SOP-8

Power Management > LED Display Driver-16-BIT CONSTANT CURRENT

Part No.	Features	VIN(V)	Vout(V)	Iout(mA)	IGND(mA)	Input Clock Frequency(MH)
L16B06	16 Bit Constant Current LED Driver *Indoor/Outdoor LED Video Display *LED Variable Message Signs (VMS) System	3.3~5.0	17	70	1500	25
L16B40	16-BIT CONSTANT CURRENT LED DRIVER WITH BUILT-IN TO ELIMINATE THE GHOSTING * Built-in to eliminate the ghosting * Supply voltage range: 3.3V ~ 5.5V * Constant output current range: 2 ~ 40mA * Output voltage: 20V (Max.) * Operating temperature range: -40°C ~ 85°C * Output current accuracy: ICS: ±3.0% (Typ.)	3.3~5.5	20	40	1000	30
L16B45	16-BIT CONSTANT CURRENT LED SINK DRIVER * 16 constant-current output channels * Constant output current invariant to load voltage change: Constant output current range: 3~45mA @ VDD=5V 3~30mA @ VDD=3.3V * Excellent output current accuracy: between channels: ±3% (typ.), between ICs: ±4% (typ.) * Output current adjusted through an external resistor * Fast response of output current, OE (min.): 300ns @ VDD=3.3V * 25MHz clock frequency * Schmitt trigger input * 3.3V, 5V supply voltage	3.3~5.5	17	90	1000	25
L16B45A	16-BIT CONSTANT CURRENT LED SINK DRIVER * 16 constant-current output channels * Constant output current invariant to load voltage change: Constant output current range: 3~45mA @ VDD=5V 3~30mA @ VDD=3.3V * Excellent output current accuracy: between channels: ±2.5% (max.), between ICs: ±3.0% (max.) * Output current adjusted through an external resistor * Fast response of output current, OE (min.): 70ns @ VDD=3.3V * 25MHz clock frequency * Schmitt trigger input * 3.3V/5V supply voltage * Halogen Free	3.3~5.5	17	45	720	25
L16B45B	16-BIT CONSTANT CURRENT LED SINK DRIVER * 16 constant-current output channels * Constant output current invariant to load voltage change: Constant output current range: 0.6~45mA @ VDD=5V 0.6~35mA @ VDD=3.3V * Output current adjusted through an external resistor * Fast response of output current, OE : 20ns @ VDD=3.3V * Schmitt trigger input * 3.3V, 5V supply voltage	3.3~5.5	11	45	720	35

Package
SSOP-24
SSOP-24
SOP-24
SSOP-24
SSOP-24

Power Management > LED Display Driver-Serial-interfaced LED controller

Part No.	Features	VIN(V)	LED driver outputs	Sink Current (TYP)(mA)	Source Current (TYP)(mA)
UL316	<p>SERIAL-INTERFACED 6-DIGIT LED CONTROLLER IC WITH KEYSKAN</p> <ul style="list-style-type: none"> * LED driver with 14 outputs (8 segments/6 digits)×40 mA load current capability for each segment * Output pins connected directly to the LEDs or can be open-drain * Key-scanning (8 x 2 matrix) * 3-wire serial bus interface (CLK, STB, DIN/DOUT) * 8-step dimming circuit to control the overall display brightness * Single external resistor for output current setting * Inputs with Schmitt trigger give superior noise immunity * A single LED digit output (DIG1_LED) can be used to drive up to 8 discrete LEDs * 8-step dimming circuit to control brightness of individual LEDs for LED digit * 5.0 V (± 10%) for VCC * Drives common-anode LED digits * Built-in power on reset and soft-start circuits 	4.5~5.5	8 segments/6 digits	320	-40
UL318	<p>SERIAL-INTERFACED 10-DIGIT LED CONTROLLER IC WITH KEYSKAN</p> <ul style="list-style-type: none"> * LED driver with 17 outputs (10 segments/7 digits~13 segments/4 digits) * Output pins connected directly to the LEDs * Key-scanning (10 x 2 matrix) * 3-wire serial bus interface (CLK, STB, DIO) * 8-step dimming circuit to control the overall display brightness * Inputs with Schmitt trigger give superior noise immunity * 5.0 V (± 10%) for VDD * Drives common-anode LED digits * Built-in power on reset circuits * Built-in pull-up resistor (CLK,STB,DIO) 	4.5~5.5	10 segments/7 digits or 13 segments/4 digits	120	-75
UL318B	<p>SERIAL-INTERFACED 4~6 DIGIT LED CONTROLLER IC</p> <ul style="list-style-type: none"> * LED driver (8 segments/6 digits~10 segments/4 digits) * Output pins connected directly to the LEDs * 3-wire serial bus interface (CLK, STB, DIO) * 8-step dimming circuit to control the overall display brightness * Inputs with Schmitt trigger give superior noise immunity * 5.0 V (± 10%) for VDD * Drives common-anode LED digits * Built-in power on reset circuits * Built-in pull-up resistor (CLK,STB,DIO) 	4.5~5.5	8 segments/6 digits or 10 segments/4 digits	120	-75
UL318C*	<p>SERIAL-INTERFACED 10-DIGIT LED CONTROLLER IC WITH KEYSKAN</p> <ul style="list-style-type: none"> * LED driver with 17 outputs (10 segments/7 digits~13 segments/4 digits) * Output pins connected directly to the LEDs * Key-scanning (10 x 2 matrix) * 3-wire serial bus interface (CLK, STB, DIO) * 8-step dimming circuit to control the overall display brightness * Inputs with Schmitt trigger give superior noise immunity * 5.0 V (± 10%) for VDD * Drives common-anode LED digits * Built-in power on reset circuits * Built-in pull-up resistor (CLK,STB,DIO) 	4.5~5.5	10 segments/7 digits or 13 segments/4 digits	120	-75
UL319	<p>SERIAL-INTERFACED 16-DIGIT LED CONTROLLER IC WITH KEYSKAN</p> <ul style="list-style-type: none"> * LED driver with 24 outputs (16 segments/8 digits) * Output pins connected directly to the LEDs * Key-scanning (8 x 4 matrix) * 3-wire serial bus interface (CLK, STB, DI/O) * 8-step dimming circuit to control the overall display brightness * Inputs with Schmitt trigger give superior noise immunity * 5.0 V (± 10%) for VDD * Drives common-anode LED digits * Built-in power on reset circuits * Built-in pull-up resistor (CLK,STB,DOUT) 	4.5~5.5	16 segments/8 digits	120	-75
UL319B	<p>SERIAL-INTERFACED 14-DIGIT LED CONTROLLER IC WITH KEYSKAN</p> <ul style="list-style-type: none"> * LED driver with 22 outputs (14 segments/8 digits) * Output pins connected directly to the LEDs * Key-scanning (8 x 2 matrix) * 3-wire serial bus interface (CLK, STB, DI/O) * 8-step dimming circuit to control the overall display brightness * Inputs with Schmitt trigger give superior noise immunity * 5.0 V (± 10%) for VDD * Drives common-anode LED digits * Built-in power on reset circuits * Built-in pull-up resistor (CLK,STB,DI/O) 	4.5~5.5	14 segments/8 digits	120	-75

UL319C	<p>SERIAL-INTERFACED 10-DIGIT LED CONTROLLER IC</p> <ul style="list-style-type: none"> * LED driver with 18 outputs (10 segments/8 digits) * Output pins connected directly to the LEDs * 3-wire serial bus interface (CLK, STB, DI/O) * 8-step dimming circuit to control the overall display brightness * Inputs with Schmitt trigger give superior noise immunity * 5.0 V ($\pm 10\%$) for VDD * Drives common-anode LED digits * Built-in power on reset circuits * Built-in pull-up resistor (CLK,STB,DI/O) 	4.5~5.5	10 segments/8 digits	120	-75
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Key-scanning	Package
8 x 2 matrix	SOP-24
10 x 2 matrix	SOP-28
-	SOP-20
10 x 2 matrix	SOP-24 SSOP-24
8 x 4 matrix	QFP-44(10X10)
8 x 2 matrix	SOP-32

	SOP-28
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Power Management > LED Display Driver-LCD SEGMENT DRIVERS

Part No.	Features	VIN(V)	LED driver outputs	Package
UU9792	<p>LCD SEGMENT DRIVERS STANDARD SEGMENT DRIVER</p> <ul style="list-style-type: none"> * LCD driving port: 8 Common output, 36 Segment output * 2wire serial interface (SCL, SDA) * Integrated RAM for display data (DDRAM): 36x4bit * Integrated Oscillation circuit * Integrated Power supply circuit for LCD driving: 1/2 Bias, 1/3 Bias, 1/4 Duty * Low power consumption design * Operation power supply :2.5~5.5V 	2.5~5.5	8 Common output 36 Segment output	TSSOP-48 SSOP-48
UU97950	<p>LCD SEGMENT DRIVERS STANDARD SEGMENT DRIVER</p> <ul style="list-style-type: none"> * LCD driver port: 8 Common output,35 Segment output * 2wire serial interface (SCL, SDA) * Integrated RAM for display data(DDRAM): 35x8bit * Integrated Oscillation circuit * Integrated Power supply circuit for LCD driving 1/4 Bias 1/8 Duty * Integrated Electrical volume register function * Low power consumption design * Operation power supply: 2.5 ~ 5.5V 	2.5~5.5	8 Common output, 35 Segment output	TSSOP-48

Power Management > LED Display Driver-OTHER

Part No.	Features	VIN(V)	Iout(mA)
UD8973	<ul style="list-style-type: none"> * Integrated ghosting effect elimination * Greatly improve refresh rate * Eliminate the caterpillar phenomena caused by LED leakage current and short circuit * Short-circuit and over-current protection 	6.5	3000
UD8971*	<ul style="list-style-type: none"> * Integrated ghosting effect elimination * Integration of two power PMOS transistor output PIN * Integrated anti-LED bead reverse breakdown voltage regulator circuit 	3.0~5.5	3000
UL0512	<p>LANDSCAPE LIGHTING DRIVE IC</p> <ul style="list-style-type: none"> * Input Voltage: 3.5V~5.5V * OUT R/G/B Constant Current: 12mA * OUT R/G/B Output Gray Level: 256 * OUT R/G/B Power-on state: OFF * Build in high precision and high stability oscillator * Serial data transmission * Shaping the cascade data before output to prevent attenuation * Data transmission rate : 800Kbps * Synchronous refresh of display data in the same frame 	3.5~5.5	13
UL1030	<p>3 CHANNEL CONSTANT-CURRENT DRIVER AND GREY-LEVEL MODULATE OUTPUT</p> <ul style="list-style-type: none"> * 3 channel driver output, maxim current per channel is 45mA,LED light voltage can reach 12V * Output adopt In-Rush online feedback constant-current driver structure, compatible with constant-voltage module, it also can contact outside equipment and transfer to higher voltage or current output driver. * Built-in LDO voltage-stabilizing circuit, voltage range : 3~8V,and have 5V stabilizing voltage output * Adopt self-add token ring technology dual shift line, shift clock can reach 25MHz * Directly input grey-level data, it is transfer to 256 output with reverse-gamma regulator after inside SUPER-PWM technology, e. g., adopt built-in oscillator as grey-level clock, it support FREE-RUN module output, especially can be used in low-cost controller * Data clock signal is driven strongly to next chip to enhance level after built-in phase-lock circuit * High-voltage CMOS technology, industrial design, with extra-good interference immunity 	3.0~8.0	45

Package
SOP-8
SOP-7
DIP-8
SOP-16

VOLTAGE SUPERVISOR & RESET IC

Part No. (有源方式)	Features	Number of Channels (有源方式)	Function (有源方式)	Output Type (有源方式)	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Icc (uA) TYP. (Range)	Icc (uA) Max (Range)	Detect Voltage (V) Min (有源方式)	Detect Voltage (V) Max (有源方式)	Accurate(%) (有源方式)	Delay time (ms) Min (Range)
81XX	Power Reset IC * High precision voltage detection. (VSS 3% max) * Low current consumption. (ICCH=5uA max, ICCL=5uA max.) * CMOS Output Voltage Detectors with Built-In Delay. Built-in Delay Time: 1ms ~ 50ms & 50 ~ 200ms, 200ms ~ 400ms	1	* Low Current Consumption * No Delay time	* Active Low * Open Drain	0.85	10	3	5	1.8	5	±3.0	0
81CXX	* Highly Accurate: Detect voltage ± 2% * Built-In Delay time: 1ms ~ 50ms 50ms ~ 200ms 200ms ~ 400ms * Detect Voltage Temperature / Characteristics: TYP: 100ppm/°C * Wide Operating Voltage Range: 0.7V ~ 10.0V * Low Current Consumption: TYP: 1uA (at VIN=1.5V) * N-ch Open Drain Voltage Detectors with Built-In Delay. Built-in Delay Time: 1ms ~ 50ms & 50 ~ 200ms, 200ms ~ 400ms	1	* Low Current Consumption * Built-In Delay time	* Active Low * Push Pull	0.7	10	2	4.2	1	5	±2.0	1
81NXX	* Highly Accurate: Detect voltage ± 2% * Built-In Delay time: 1ms ~ 50ms 50ms ~ 200ms 200ms ~ 400ms * Detect Voltage Temperature / Characteristics: TYP: 100ppm/°C * Wide Operating Voltage Range: 0.7V ~ 10.0V * Low Current Consumption: TYP: 1uA (at VIN=1.5V) * N-ch Open Drain Voltage Detectors with Built-In Delay. Built-in Delay Time: 1ms ~ 50ms & 50 ~ 200ms, 200ms ~ 400ms	1	* Low Current Consumption * Built-In Delay time	* Active Low * Open Drain	0.7	10	2	4.2	1	5	±2.0	1
82XX	Voltage Detection and System Reset IC with Manual Reset Function. Built-in Delay Time: 30~70ms; 60~150ms; 120~300ms; 240ms ~600ms; 480~1200ms * Internal Fixed Delay Time Setting by Counter Timer * Gate Delay Time Temperature Characteristics: ±800ppm/°C * Operating Limit Voltage: 0.6V (Typ.) * Hysteresis Voltage Provided: 50mV (Typ.) * Circuit Current While On: ICC=300uA (Typ.) * Circuit Current While Off: ICCH=200uA (Typ.) * CMOS Output Voltage Detectors.	1	* Built-In Delay time	* Active Low * Open Drain	0.85	10	-	0.6	2.5	2.93	±0.15	30
82CXX	* High-accuracy detection voltage: ±2% * Detect voltage range: 1.3V to 6.0V in 0.1V increments * Detect voltage temperature characteristics: TYP. ±100ppm/°C. * Wide operating voltage range: 0.7V to 10.0V * Low current consumption: TYP 0.7uA (at VIN=1.5V) * N-ch Open Drain Voltage Detectors.	1	* Low Current Consumption * No Delay time	* Active Low * Push Pull	0.7	10	1.1	3.6	1.3	6.2	±2.0	0
82NXX	* High-accuracy detection voltage: ±2% * Detect voltage range: 1.3V to 6.0V in 0.1V increments * Detect voltage temperature characteristics: TYP. ±100ppm/°C. * Wide operating voltage range: 0.7V to 10.0V * Low current consumption: TYP 0.7uA (at VIN=1.5V) * N-ch Open Drain Voltage Detectors.	1	* Low Current Consumption * No Delay time	* Active Low * Open Drain	0.7	10	1.3	4	1.3	6	±2.0	0
84NXX	Low Quiescent Current Programmable-Delay Supervisory Circuit. * Standard Voltage Ralls From 0.9V to 5V and Adjustable Voltage From 0.4V are Available * Low Quiescent Current: 1.6uA (Typ.) * Delay Time: 2.1ms to 10s * High Threshold Accuracy: ±1% (Typ.) * Manual Reset (MR) Input * Open-Drain RESET Output * Immune to Short Negative SENSE Voltage * Guaranteed Reset Valid to VCC: 0.8V	1	* Low Current Consumption * Sense Function * Manual reset input * Adjustable delay Time	* Active Low * Open Drain	1.8	6	-	12	ADJ	ADJ	±2.0	15
86N1C	Voltage Detecting, System Resetting IC * Few external parts * Low threshold operating voltage (Supply voltage to keep low-state at low supply voltage): 0.6V (Typ) at RL=25kΩ * Large delay time with a capacitor of small capacitance * Wide application range * Wide supply voltage range: 0V~7V * CMOS Output High-Precision Voltage Detectors with Delay Controlled by External Capacitor.	1	* Wide supply voltage * Adjustable delay Time	* Active Low * Open Drain	2	17	270	540	1.25	1.25	±4.0	0.1
88CXX	* Highly accurate: 2.0% * Hysteresis characteristics: 5% typ. * Ultra-low current consumption: 1.0uA typ. (VDD=2.0V) * Detection voltage ranges: 2.0~4.5V and step by 0.1V. * Low operating voltage based on detection voltage * Delay time setting by an additional external capacitor. * N-ch Open Drain - High-Precision Voltage Detectors with Delay Controlled by External Capacitor.	1	* Low Current Consumption * Adjustable delay Time	* Active Low * Push Pull	0.95	10	1.2	5	1.8	4.5	±2.0	0.1
88NXX	* ± 2.0 % Accuracy Detection Voltage * Hysteresis Characteristics: 5% TYP * Detection Voltage varies from 2.0V to 4.5V with 0.1V step * Output Format: (1-ch open-drain output (when it is in Active-Low)) Low Voltage Time Delay Time Setting Voltage Detector IC Series.	1	* Low Current Consumption * Adjustable delay Time	* Active Low * Open Drain	0.95	10	-	5	1.8	4.5	±2.0	0.1
88CXX/88NXX	* Adjustable delay Time * N-ch open drain and CMOS output selectable * Ultra-low current consumption * Wide operating temperature range	1	* Ultra-low current consumption * Adjustable delay Time	* Active Low * Open Drain * Push Pull	0.9	7	-	2.28	0.9	4.8	±1.0	0.1
11C809	Microprocessor Reset Circuits. * Voltage monitor for 3V or 3.3V or 5V power supplies * Valid RESET remains with VCC as low as 1V * Typical supply current: 5uA * Fixed 140ms minimum reset pulse width * With Manual reset input.	1	* Low Current Consumption * Built-In Delay time	* Active Low * Push Pull	1.0	6	-	10	2.93	2.93	-	140
11C811	Microprocessor Reset Circuits Include Manual Reset. Built-in Delay Time: 140~560ms; Reset Out With Active Low * Voltage monitor for 3V or 3.3V or 5V power supplies * Valid RESET remains with VCC as low as 1V * Typical supply current: 5uA * Fixed 140ms minimum reset pulse width * With Manual reset input.	1	* Low Current Consumption * Built-In Delay time * Manual reset input	* Active Low * Push Pull	1.0	6	-	10	2.63	5	±2.5	140
11C812	* 100 uA Voltage Monitors With Manual Reset Input. * Precision Monitoring of +3V, +3.3V, and +5V Power-Supply Voltages * Available in Three Output Configurations Open-Drain RESET Output * Typical supply current: 5uA * 140 mS Min Power-On Reset Pulse Width * Guaranteed Reset Valid to VCC+1V * Power Supply Transient Immunity * Manual Reset Input * ±2% Threshold Accuracy.	1	* Low Current Consumption * Built-In Delay time * Manual reset input	* Active Low * Open Drain	1.0	5.5	-	20	2.63	4.63	±2.0	140
11C813	3-PIN Microprocessor Reset Circuits. * Voltage monitor for 3V or 3.3V or 5V power supplies * Valid RESET remains with VCC as low as 1V * Typical supply current: 10uA * Fixed 140ms minimum reset pulse width * Push-Pull Reset Active High Output.	1	* Low Current Consumption * Built-In Delay time	* Active High * Push Pull	1.0	5.5	-	30	2.63	4.63	±2.0	140
11WD206	Microprocessor UP Watch Dog Timer. * Precision supply- Voltage Monitor * Valid RESET remains with VCC as low as 1V * 200ms Reset Pulse Width * Independent Watchdog Timer (1.6sec) Timeout * Voltage Monitor for Power-Fail or Low-Battery Warning * With Manual reset input	1	* Built-In Delay time * Watchdog Function * Power-fail * Manual reset input	* Active Low * Push Pull	1.0	5.5	50	250	2.63	4.65	-	110
11WD208	Low Cost Microprocessor Supervisory Circuits. * Precision supply- Voltage Monitor * Valid RESET remains with VCC as low as 1V * 200ms Reset Pulse Width * Voltage Monitor for Power-Fail or Low-Battery Warning * With Manual reset input	2	* Built-In Delay time * Dual Output * Power-fail * Manual reset input	* Active High/Low * Push Pull	1.0	5.5	50	150	2.63	4	-	120
11WD211	* Precision supply- Voltage Monitor * Valid RESET remains with VCC as low as 1V * 200ms Reset Pulse Width * Independent Watchdog Timer (1.9sec) Timeout * Voltage Monitor for Power-Fail or Low-Battery Warning * With Manual reset input	1	* Built-In Delay time * Watchdog Function * Power-fail * Manual reset input	* Active High * Push-Pull	1.0	5.5	150	350	4.63	4.63	-	150
11WD817	Microprocessor UP Watch Dog Timer. * Precision Supply-Voltage Monitor * Operating Voltage Range: 1.0V~6.0V * Output Configuration: CMOS * Watchdog Function: Watchdog input WD * Wide Temperature Range: -40°C to +85°C	1	* Built-In Delay time * Watchdog Function * Manual reset input	* Active Low * Push Pull	1.0	5.5	-	50	2.63	4.65	±2.0	140
3510	DVPx3 + UVPr2 + PGO + PSON + FPO * DVP/DVLO for 3.3V, 5V, VDD. * UVPr/DVLO for 3.3V, 5V. * Open-drain Output for PGO and FPO pin. * 300ms PGO delay. * 75ms delay for 3.3V/5V SCP. * 2.3ms PSON control to FPO turn-off delay. * 38ms PSON control de-bounce. * 73us width DVP/UVPr noise deglitches.	2	* DVP/DVLO * UVPr/DVLO	* Open Drain	4	15	-	1000	3.3	5	±5.0	200

113X	Power RESET IC *High precision voltage detection. (VSS 3% max) *Low current consumption (ICC1=5µA max, ICC2=5µA max.) *Low operation threshold voltage (0.65V typ.)	1	* Low Current Consumption * No Delay time	* Active Low * Open Drain	0.85	10	3	5	1.8	5	#3.0	0
3511	DVPx3 + UVPx2 + PGO + PDON_N + FPL_N * OVP/OVLO for 3.3V, 5V, VDD. * UVP/UULO for 3.3V, 5V. * Open-drain Output for PGO and FPL_N. * 300ms PGO delay. * 75ms delay for 3.3V/5V SCP. * 2.4ms PDON_N control to FPL_N turn-off delay. * 38ms PDON_N control de-bounce. * 73µs width OVP/UVP noise deglitches.	2	* OVP/OVLO * UVP/UULO	* Open Drain	3.8	15	-	1000	3.3	5	#5.0	200
3513	DVPx4 + OCPx4 + UVPx4 + PGO + PSONB + FPOB + OTP * OVP/OVLO for 3.3V, 5V, 12V. * UVP/UULO for 3.3V, 5V, 12V. * OCP monitors for 3.3V, 5V, 12V output current. * Open-drain Output for PGO and FPOB. * 300ms PGO delay. * 75ms(PGI=1.2V)/300ms(PGI<1.2V) delay for 3.3V, 5V, 12V SCP. * 2.4ms PSONB control to FPOB turn-off delay. * 38ms PSONB control de-bounce. * 73µs width OVP/UVP noise deglitches.	3	* OVP/OVLO * UVP/UULO * OCP monitors	* Open Drain	4	15	-	1000	3.3	12	#5.0	200
3520	DVPx4 + UVPx3 + PG + REM * Complete PWM Control and Protection Circuitry. * OVP/OVLO for 3.3V, 5V, 12V, PT. * UVP/UULO for 3.3V, 5V, 12V. * Open-drain Output for PG. * Open-drain PWM Control Output for C1, C2. * 36ms REM Control de-bounce. * 280ms delay for 3.3V, 5V, 12V SCP. * 280ms PG delay. * Built-in Soft-start function.	4	* OVP/OVLO * UVP/UULO	* Open Drain	3	5.5	10000	20000	3.3	12	#5.0	150
3521	DVPx4 + UVPx3 + PG + REM * Complete PWM Control and Protection Circuitry. * OVP/OVLO for 3.3V, 5V, 12V, PT. * UVP/UULO for 3.3V, 5V, 12V. * Open-drain Output for PG. * Open-drain PWM Control Output for C1, C2. * 36ms REM Control de-bounce. * 250ms delay for 3.3V, 5V, 12V SCP. * PG delay time, set by TPC external CAP.	4	* OVP/OVLO * UVP/UULO	* Open Drain	3	5.5	10000	20000	3.3	12	#5.0	100
S3515	DVPx4 + OCPx3 + UVPx4 + PGO + PSON + FPO * OVP/OVLO for 3.3V, 5V, 12V, 12VB. * UVP/UULO for 3.3V, 5V, 12V, 12VB. * OCP monitors for 3.3V, 5V, and 12V/12VB output current. * Open-drain Output for PGO and FPO. * 300ms PGO delay. * 75ms delay for 3.3V, 5V, 12V, 12VB SCP. * 2.4ms PSON control to FPO turn-off delay. * 38ms PSON control de-bounce. * 73µs width OVP/UVP/OCF noise deglitches.	4	* OVP/OVLO * UVP/UULO * OCP monitors	* Open Drain	4	15	1.8	200	3.3	12	#5.0	200
S3525	DVPx4 + OCPx3 + UVPx4 + PGO + PSONB + FPOB * OVP/OVLO for 3.3V, 5V, 12VA, 12VB. * UVP/UULO for 3.3V, 5V, 12VA, 12VB. * OCP monitors 3.3V, 5V, 12VA, 12VB output current. * Open-drain Output for PGO, FPOB. * 225ms PGO delay. * 75ms(PGI=1.2V)/300ms(PGI<1.2V) delay for 3.3V, 5V, 12VA, 12VB SCP. * 2.4ms PSONB control to FPOB turn-off delay. * 38ms PSONB control de-bounce. * 73µs width OVP/UVP/OCF noise deglitches.	4	* OVP/OVLO * UVP/UULO * OCP monitors	* Open Drain	4	15	-	1000	3.3	12	#5.0	200
S3526	3-CHANNEL SECONDARY SUPERVISOR * Over/Under-voltage protection * Over-current protection * Additional protection input * Fault protection output with open drain output stage * Open drain power good output signal for power good input * 300ms power good delay * 75ms delay for UV/OC protection * 38ms PSON control de-bounce * Wide power supply range (3.0V~16V) * Special care for AC power off	3	* OVP/OVLO * UVP/UULO * OCP monitors	* Open Drain	3.8	16	4500	6000	-	12	-	200
S3527	DVPx5 + OCPx4 + UVPx4 + PGO + PSONB + FPOB * OVP/OVLO Vx, 3.3V, 5V, 12VA, V12B. * UVP/UULO 3.3V, 5V, 12VA and 12VB. * OCP monitors 3.3V, 5V, 12VA, 12VB output current. * Open-drain Output for PGO, FPOB. * 300ms PGO delay. * 75ms(PGI=1.2V)/600ms(PGI<1.2V) delay for SCP/OCF. * 4ms PSONB control to FPOB turn-off delay. * 38ms PSONB control de-bounce. * 14µs width OVP noise deglitch. * 1ms width UVP noise deglitch.	4	* OVP/OVLO * UVP/UULO * OCP monitors	* Open Drain	3.8	16	1	200	3.3	12	#5.0	100

Delay time (mS) Max (Range)	Package (封装方式)
0.06	SOT-23 SOT-25 SOT-23-3 SOT-89 TO-92
400	SOT-23 SOT-89 SOT-323 TO-92 SOT-223 SOT-23-3
400	SOT-23 SOT-89 SOT-323 TO-92 SOT-223 SOT-23-3
1200	SOT-25
0.2	SOT-25 SOT-23 SOT-23-3 SOT-89 TO-92
0.2	SOT-23 SOT-23-3 SOT-25 SOT-343 SOT-89 TO-92
530	SOT-23-6
1000	SOP-8
10000	SOT-23-5 SOT-25
10000	SOT-25 SOT-23-5 SOT-23-3 SOT-143
10000	SOT-23-5 SOT-343 SOT-25
560	SOT-23-3
560	SOT-23 SOT-23-3 SOT-143 SOT-343
560	SOT-25 SOT-23-5 SOT-143
560	SOT-23 SOT-143
300	SOP-8
280	SOP-8
300	SOP-8
280	SOT-25
450	DIP-8 SOP-8

0.06	SOT-23 SOT-25 SOT-23-3 SOT-89 TO-92
490	DIP-8 SOP-8
490	DIP-16 SOP-16
350	DIP-16
500	DIP-16
450	DIP-14 SOP-14
490	DIP-14 SOP-14
400	DIP-14 SOP-14
400	DIP-16 SOP-16

Audio IC > Audio Amplifier

Part No. (封装方式)	Features	Speaker channels (声道方式)	Function (电路方式)	Architecture (电路方式)	Supply Voltage (V) Min (Range)	Supply Voltage (V) Max (Range)	Output Power Pout (W) (Range)	Output Power THD (%) (Range)	Output Power Speaker Load (Ω) (Range)
KA8602	Low Voltage Audio Power Amplifier 0.4W max *Wide operating supply voltage: VCC=2V~16V *Low quiescent supply current (ICC=2.7mA, typ) *Medium output power (POUT=250mW at VCC=6V, RL=32ohm, THD=10%) *Load impedance range: 8~100ohm *Low distortion	1	* Mute	* Class AB	2	16	0.25	10	32
MC3419	Low Voltage Audio Power Amplifier 0.4W max *Low quiescent supply current (ICC=2.7mA, typ) *Medium output power (PO=250mW at VCC=6V, RL=32ohm, THD=10%) *Load impedance range (8 to 100ohm) *Low distortion	1	* Mute	* Class AB	2	16	0.25	10	32
MC34119	Low Voltage Audio Power Amplifier 0.4W max *Wide operating supply voltage: VCC=2V~16V *Low quiescent supply current (ICC=2.7mA, typ) *Medium power output over 250mW at VCC=6V, RL=32Ω, THD<10% *Load impedance range (8Ω~100Ω) *Low distortion	1	* Mute	* Class AB	2	16	0.25	10	32
EA6813	0.5W Audio Power Amplifier with Shutdown Function *Output power at 10% THD+N Supply voltage: 5V Delivering 350mWRMS into a 16Ω load Delivering 300mWRMS into a 8Ω load *With shutdown mode *Stable unity gain	1	* Standby	* Class AB	2	5.5	0.35	10	16
LM4852	0.5W Audio Power Amplifier with Shutdown Function * Stable Unity Gain * Gain Configuration can be set by External Components	1	* Standby	* Class AB	2	5.5	0.5	1	8
LA386	0.7W Low Voltage Audio Power Amplifier *Battery Operation *Minimum External Parts *Wide Supply Voltage Range: 4V~12V *Low Quiescent Current Drain:4mA *Voltage Gains: 20~200 *Low Distortion: 0.1% (1kHz)	1	* Gain Setting	* Class AB	4	12	0.7	10	8
TA7368B	0.6W Audio Power Amplifier * Very Few External Components(Only Three Capacitors) * Low Quiescent Current * High Voltage Gain: Gv=40dB	1	* Gain Setting	* Class AB	3	14	1.1	10	8
DA8254	1W BTL AUDIO AMPLIFIER * Low saturation voltage of output stage * External resistors could fix Gain * Low standby current * No switch-on/switch-off pops * High SVRR * Protected against outputs short-circuit to ground, VCC and across the load	1	* Standby * Mute	* Class AB	2.3	18	1	10	8
EA6821	1.1W Audio Power Amplifier with Shutdown Function * Output power at 0.5% THD+N Supply voltage:5V Delivering 1.1W into a 8Ω load * With shutdown mode * Stable unity gain	1	* Standby	* Class AB	2	5.5	1.1	0.5	8
PA9290	1.2W Audio Power Amplifier with Active-low Shutdown Function * Operating: VCC=2.2V ~ 5.5V * 1.2W output power, VCC=5V, THD=1%, f=1kHz, 8Ω Load * In shutdown mode: Ultra-low consumption (10nA) * In grounded mode: >62dB PSRR @ 217Hz * POP & CLICK near-zero * Low Distortion: 0.1% (1kHz)	1	* Standby	* Class AB	2.2	5.5	1.2	1	8
DA820W	1.2W Audio Power Amplifier *Wide operating supply voltage: Vcc=3~14V *Medium output power POUT=1.2W at Vcc=9V,RL=8Ω, THD=10% *Low quiescent circuit current: IQ=4mA(typ) *Good ripple rejection	1	-	* Class AB	-	16	1.2	10	8
EA6204	1.7W Audio Power Amplifier * 1.7W into 8Ω from a 5-V supply at THD=10% (Typ.) * 2.5V-5.5V operation * Low supply current: 4mA typ at 5V * Ultra low current shutdown mode * Only three external components * Immune PSRR (-30dB) for direct battery operation	1	* Standby * Gain Setting	* Class AB	2.5	5.5	1.7	10	8
AN1783	BTL 4.0W x 1ch Power Amplifier with Standby Function and Volume Function * 3-W output (8Ω) with supply voltage of 9V * 4-W output (8Ω) with supply voltage of 9V * On-chip standby function * On-chip volume function	1	* Standby * Mute	* Class AB	3.5	13.5	4	10	8
DA3201	10W Car Radio Audio Power Amplifier *Very Low External Component Required. *High Current Output (up to 3 A) *Low Harmonic and Crossover Distortion. *Built-in Over Temperature Protection. *Short Circuit Protection Between all Pins. 14W Hi-Fi Audio Power Amplifier	1	-	* Class AB	8	18	10	10	2
DA2030	14W Hi-Fi Audio Power Amplifier * Very low external component required. * High current output and high operating voltage. * Low harmonic and crossover distortion. * Built-in Over temperature protection. * Short circuit protection between all pins. * Safety Operation Keys for output transistors	1	-	* Class AB	#6	#18	14	0.5	4
DA2030A	14W Hi-Fi Audio Power Amplifier * Very low external component required. * High current output and high operating voltage. * Low harmonic and crossover distortion. * Built-in Over temperature protection. * Short circuit protection between all pins. * Safety Operation Keys for output transistors	1	-	* Class AB	#6	#22	18	0.5	4
A7240	14W Hi-Fi Audio Power Amplifier * Few External Components * Output Protected Against short Circuits to Ground and Across Load * Damp Transient * Thermal Shutdown	1	* Standby	* Class AB	-	18	20	10	4
DA7360	20W Bridge Stereo Audio Amplifier with Clipping Detecto * Very few external components * Without bootstrap cells * Without bootstrap capacitors * High output power * Very low STAND-BY current * Frequency response: 20Hz~20kHz	1	* Standby * BTL * SE Mode	* Class AB	8	18	20	10	4
LA1825	20W Audio Power Amplifier *Up to 30W output power *Avs typically 80 dB *Low distortion: 0.015%,1kHz,20W *Wide power bandwidth: 70kHz *Protection for AC and DC short circuits to ground	1	-	* Class AB	16	60	25	1	8
DA2050	20W Hi-Fi Audio Power Amplifier 22W @ Distortion 0.5% * High output power (50W Music Power IEC 268.3 Rules) * High operating supply voltage (50V) * Single or split supply operations * Very low distortion * Short circuit protection (OUT to GND) * Thermal shutdown	1	-	* Class AB	#4.5	#25	32	10	8
DA5V3F	2.8W Hi-Fi Mono Class D Audio Power Amplifier * Operating from VCC=2.4V~5.5V * Standby mode active low * Low current consumption 2mA at 3V * Adjustable gain via external resistors * Output power: 2.8W into 4Ω and 1.7W into 8Ω with 10% THD+N	1	* Standby	* Class D	2.4	5.5	2.8W	10	4
MA620*	3W Hi-Fi Mono Class D Audio Power Amplifier * Externally Configurable Gain * No Output Filter Required for Inductive Loads * Very Fast Turn on Time: 1.05ms (Typical) * Click and Pop Suppression Circuitry * Micro-Power Shutdown Mode * Short Circuit Protection	1	* Standby	* Class D	2.4	5.5	3	10	4
LM4811	Dual 105mW Headphone Amplifier with Digital Volume Control and Shutdown Mode * Digital volume control range: +12dB~-33dB * "Click and Pop" suppression circuitry * Saving the use of bootstrap capacitors * Low shutdown current	2	* Standby	* Class AB	2	5.5	0.105	0.1	16
LM4880	Dual 250mW Audio Power Amplifier with Shutdown Function * No bootstrap capacitors or snubber circuits are necessary * Unity gain stable * External gain configuration capability	2	* Standby	* Class AB	2.7	5.5	0.25	0.1	8

Part No. (勾選方式)	Features	Speaker channels (勾選方式)	Function (勾選方式)	Architecture (勾選方式)	Supply Voltage (V) Min (Range)	Supply Voltage (V) Max (Range)	Output Power Pout (W) (Range)	Output Power THD (%) (Range)	Output Power Speaker Load (Ω) (Range)
TD4282H	0.7W Max Dual Low Voltage Audio Power Amplifier *Wide operating supply voltage: VCC=1.8V~ 6V. *Low crossover distortion. *Low quiescent circuit current. *Bridge/stereo configuration.	2	-	* Class AB	1.8	6	0.35	10	4
TD4282Z	1.35W Max Dual Low Voltage Audio Power Amplifier * Wide Operating Supply Voltage: VCC=1.8V - 12V. * Low Crossover Distortion. * Low Quiescent Circuit Current. * Bridge/Stereo Configuration.	2	-	* Class AB	1.8	12	0.65	10	4
EA6826	Differential Input Power Amplifier with Shutdown * Differential amplification * Selectable and low current shutdown mode * 1.0W/Ch (typ) into a 8Ω load @5.0V * Directly connected to the battery due to excellent PSRR * Operation supply: 2.2 V-5.5 V * External control voltage turn-on time configuration	2	* Standby	* Class AB	2	5.5	1	1	8
M2073	* Operating Voltage (VCC=1.8V~15V) * Low Crossover Distortion * Low Operating Current * Bridge or Stereo Configuration * No Turn-on Noise * Speaker Inductance	2	-	* Class AB	1.8	15	1.2	10	8
TEA2025AH	Stereo Audio Amplifier *Working Voltage down to 3V *Few External components *High Channel Isolation *Voltage gain up to 45dB(Adjustable with external resistor) *Soft clipping *Internal Thermal protection	2	* BTL SE Mode	* Class AB	3	12	1.5	10	4
PA3017	2x2.0W Stereo Audio Power Amplifier, with 4 Selectable Gain(6, 10, 15.6, 21.6dB) Settings * 2W output power into 3Ω load from 5V supply each channel * Gain control internally * Differential input fully * Depop circuitry * Shutdown protection thermally	2	* Standby * Selectable Gain	* Class AB	4.5	5.5	1.9	1	4
EA6827	Dual 2.1W Audio Amplifier Plus Stereo Headphone Function * Operating voltage range VDD=2V~5.5V * Output power: 2.4W (typ.) @5V into 3Ω with 1% THD+N max (1kHz) 2.1W (typ.) @5V into 4Ω with 1% THD+N max (1kHz) * Eliminates SE-mode output coupling capacitors * Shutdown mode available	2	* Standby Mute * BTL SE Mode	* Class AB	2	5.5	1.9	1	4
EA6826D	1.1W Audio Power Amplifier With Active-Low Shutdown Mode * Operating: VCC=2.5V ~ 5.5V * 1.1W output power, VCC=5V, THD=1%, f=1kHz, 8Ω Load * Ultra-low distortion <0.1% (typ.)	1	* Standby * BTL SE Mode	* Class AB	2.5	5.5	1.1	1	8
PA3427	2x2.0W Stereo Audio Power Amplifier, with 4 Selectable Gain (6, 10, 15.6, 21.6dB) Settings And Input-Mux Control * Depop circuitry integrated * BTL gain: 6dB, 10dB, 15.6dB, 21.6dB * SE gain: 4.1dB * Output power (THD+N:1%, supply voltage:5V) 2.0W (typ.) @5V into 3Ω	2	* Shutdown * Selectable Gain * PC-Beep input * BTL SE Mode	* Class AB	4.5	5.5	2	1	4
PA3428	2x2.0W Stereo Audio Power Amplifier, with 4 Selectable Gain (6, 15.6, 21.6, 27.6dB) Settings And Input-Mux Control * Internal Depop circuitry * Output power at 1% THD+N Supply voltage:5V Delivering 2.0W into a 4Ω load	2	* Shutdown * Selectable Gain * PC-Beep input * BTL/SE Mode	* Class AB	4.5	5.5	2	1	4
PA3431	2x2.0W Stereo Audio Power Amplifier, with 4 Selectable Gain (6, 10, 15.6, 21.6dB) Settings * 2W Output power into 4Ω load from 5V supply each channel * Gain control internally * Differential input fully * Depop circuitry	2	* Standby * Selectable Gain	* Class AB	4.5	5.5	2	1	4
PA3202	2x2.0W Stereo Audio Power Amplifier, BTL and SE Modes with MUTE * Improves depop circuitry to eliminate turn-on and turn-off transients in output * Output power: 2W (typ.) @5V into 3Ω with 0.2% THD+N max (1kHz) 800mW (typ.) @3.3V into 3Ω with 0.2% THD+N max (1kHz) * Fully specified for use with 3.0V load	2	* Standby Mute * BTL SE Mode	* Class AB	3	5.5	2.2	1	3
EA6825	Dual 2.2W Audio Amplifier Plus Stereo Headphone Function * "Click and pop" suppression circuitry * Thermal shutdown protection circuitry * Unity-gain stable * Stereo headphone amplifier mode	2	* Standby Mute * BTL SE Mode	* Class AB	2	5.5	2.2	1	4
TEA2025	Stereo Audio Amplifier *Working Voltage down to 3V *Few External components *High Channel Isolation *Voltage gain up to 45dB(Adjustable with external resistor) *Soft clipping *Internal Thermal protection	2	* BTL SE Mode	* Class AB	3	12	2.3	10	4
TEA2025A	Stereo Audio Amplifier * High output power Stereo: Pout=2.3W (Typ) at Vcc=5V, RL=4 Ω Bridge: Pout=4.7W (Typ) at Vcc=5V, RL=8Ω * Low switching distortion at high frequency * Small shock noise at the time of power on/off due to a built-in * Shutdown mode	2	* BTL SE Mode	* Class AB	3	12	2.3	10	4
TEA2025D	Stereo Audio Amplifier * Dual or bridge connection modes. * Few external components. * Supply voltage down to 3V. * High channel separation. * Very low switch on/off noise.	2	* BTL SE Mode	* Class AB	3	12	2.3	10	4
2206	2x2.0W Dual Audio Power Amplifier *High output power Stereo: Pout=2.3W (Typ) at VCC=5V, RL=4Ω. Bridge: Pout=4.7W (Typ) at VCC=5V, RL=8Ω. *Low switching distortion at high frequency. *Small shock noise at the time of power on/off due to a built-in *Shutdown mode	2	* BTL SE Mode	* Class AB	-	11	2.3	10	4
EA3212	2x2.0W Stereo Audio Power Amplifier, with 4 Selectable Gain (6, 15.6, 21.6, 27.6dB) Settings And Input-Mux Control * Output power at 0.65% THD+N, VDD=5V(TYP) -2.6W/CH (typical) into a 3Ω load -1.0W/CH (typical) into a 8Ω load * Bridge load (BTL) supported	2	* Shutdown * Selectable Gain * PC-Beep input * BTL SE Mode	* Class AB	4.5	5.5	2.6	10	3
PA3112	2x2.0W Stereo Audio Power Amplifier, with 4 Selectable Gain (6, 10, 15.6, 21.6dB) Settings And Input-Mux Control * Low operating current with 10mA * Compatible with pc 99 desktop line-out into 10KΩ load * Internal gain control which eliminates external gain-setting resistors	2	* Shutdown * Selectable Gain * PC-Beep input * BTL SE Mode	* Class AB	4.5	5.5	2.6	10	3
PA3333	2.6W Stereo Audio Amplifier with Mute and Shutdown * Including de-pop circuit * Output power at 1% THD+N, VDD=5V 2.0W/CH (TYP.) into a 4Ω Load 1.3W/CH (TYP.) into a 8Ω Load * Output power at 10% THD+N, VDD=5V 2.6W/CH (typical) into a 4Ω Load	2	* Standby Mute	* Class AB	-	6	2.6	10	4
PA7522	2x3W BTL Audio Power Amplifier * 3-W output (8Ω) with supply voltage of 8V * On-chip standby function * On-chip volume function	2	* Standby * DC Volume Control	* Class AB	3.5	13.5	3	10	8
TA8272AE	2x3.0W Low Frequency Power Amplifier * Wide operating supply voltage: VCC=5~12V * Low popping noise at power ON * Best for supply voltage 9V * Output power POUT=2.5W/CH at Vcc=9V, RL=4Ω, f=1kHz, THD=10% POUT=3.0W/CH at Vcc=9V, RL=4Ω, f=1kHz, THD=10%	2	-	* Class AB	5	12	3	10	3
TA8207K	Low Frequency Power Amplifier * High Power : POUT=2.5W / CH (Typ.) (VCC=9V, RL=4Ω, f=1kHz, THD=10%) * POUT=4.6W / CH (Typ.) (VCC=12V, RL=4Ω, f=1kHz, THD=10%) * Low Popping Noise at Power ON * Small Quiescent Current: ICF=21mA (Typ.)	2	-	* Class AB	6	15	4.6	10	4
UA8229	* High Power * POUT (1) = 2.5W (Typ.) (VCC = 9V, RL = 4Ω, f = 1kHz, THD = 10%) * POUT (2) = 4.6W (Typ.) (VCC = 12V, RL = 4Ω, f = 1kHz, THD = 10%) * Low Popping Noise at Power ON	2	-	* Class AB	6	15	4.6	10	4
PA1517	2x6W Stereo Audio Power Amplifier * Needs very few external components * High output power * Fixed gain * Very good ripple rejection * Mute/standby switch * AP and DP short-circuit safe to connect and VCF	2	* Standby Mute	* Class AB	6	18	6	10	4

Part No. (句讀方式)	Features	Speaker channels (句讀方式)	Function (句讀方式)	Architecture (句讀方式)	Supply Voltage (V) Min (Range)	Supply Voltage (V) Max (Range)	Output Power Pout (W) (Range)	Output Power THD (%) (Range)	Output Power Speaker Load (Ω) (Range)
IDA7266	2x1W Dual-BTL Power Amplifier with Mute and Stand-by * Wide Supply Voltage Range (3 ~ 18V) * Minimum External Components * No SWR Capacitor * No Boosting * No Boucherot Cells	2	* Standby Mute	* Class AB	3	18	7	10	8
IDA7494	2x6W Dual-BTL Stereo Amplifier with Mute and Stand-by * Wide supply voltage range up to ±18V * 6 + 6W @ THD ≤10%, RL = 8Ω, VS = +14V * No POP at Turn-On/Off * MUTE (POP free) * STAND-BY feature (Low Ia) * Short-circuit protection to GND	2	* Standby Mute	* Class AB	±5	±18	10	10	8
IDA7404	2x10W Stereo Amplifier For Car Radio * Low distortion * Low noise	2	* Standby Mute	* Class AB	8	18	10	10	2
DA2009	2x10W Stereo Amplifier * Supply range 8V ~ 28V * High power outputs (10W/Channel) * High output current up to 3.5A * Short circuit protection * Thermal protection	2	-	* Class AB	8	28	10	1	4
IDA7297	2x10W Stereo Amplifier With Mute/ST-BY * St-by and mute functions * OTP and short circuit protections * Work with a minimum external components * Wide supply voltage range (5.5V~18V)	2	* Standby Mute	* Class AB	6.5	18	10	10	8
IDA1519C	2x2W BTL or 2x1W Stereo Power Amplifier * Two identical amplifiers with identical differential input stages suitable for Stereo or BTL application. * Load dump, reverse polarity, short-circuit and over temperature protections * Fixed gain at 40dB with Good ripple rejection * Mute/standby switch with low switching current	2	* Standby Mute	* Class AB	6	17.5	11	10	2
DA2616	2x12W BTL Audio Power Amplifier with Mute and Stand-by * Needs few external components * No switch-on/switch-off clicks * Damping switch-on and switch-off input mute * Low offset voltage between output and ground * Both amplifiers has an excellent gain balance * High linearity, excellent with THX, AES and DOLBY 455/7	2	* Mute	* Class AB	±7.5	±21	12	0.5	8
IDA7200	2x10W Stereo Amplifier with internal 1/2 VCC supply rejection * Supply range 8V ~ 28V * High power outputs (10W/Channel) * High output current up to 3.5A * Short circuit protection * Thermal protection	2	-	* Class AB	8	28	12.5	1	4
IDA7269	1W~1.5W Stereo Amplifier with Mute & Stand-by * High output power: POUT = 14 W/channel (Typ.) VCC = ±16V, RL = 8Ω, f = 1kHz, THD = 10% * Operation supply voltage range (Ta = 25°C) VCC(OPR) = ±5~±20V (RL = 8 Ω) VCC(OPR) = ±5~±15V (RL = 4 Ω)	2	* Standby Mute	* Class AB	±5	±20	14	10	
PA2005	20W Bridge Amplifier For Car Radio * High output power: POUT=10+10W @ RL=2Ω, THD=10% POUT=20W @ RL=4Ω, THD=1%	2	-	* Class AB	8	18	20	10	4
IDA7265	25W~25W Stereo Amplifier with Mute & Stand-by * High output power: POUT = 25 W/channel (Typ.) VCC = ±20V, RL = 8Ω, f = 1kHz, THD = 10% * Operation supply voltage range (Ta = 25°C) VCC(OPR) = ±5~±25V (RL = 8 Ω) VCC(OPR) = ±5~±18V (RL = 4 Ω)	2	* Standby Mute	* Class AB	±5	±25	25	10	
UDA2008	3W Stereo Class-D Audio Power Amplifier with DC Volume Control * 3W per channel into 3Ω speakers (THD+N=10%) * < 0.045% THD at 1.5W, 1kHz, 3Ω load * Filter free modulation scheme operates without a large and expensive LC output filter * DC volume control with 20dB steps from -35dB to 20dB * Externally adjustable high impedance SV Class-D protection	2	* Standby * Volume Control	* Class D	4.5	5.5	3	10	3
IDA7277	2x3.7W BTL Stereo Power Amplifier with Mute & Stand-by * High Output Power@VCC=14.4V, f=1kHz, RL=4Ω: - 2 x 3.5W Max. - 2 x 20W@THD=10% - 4 x 6 W @10% - 4 x 10W / 2Ω@10% * Standby * Diagnostics * BTL and SE Mode	2/4	* Standby * Diagnostics * BTL and SE Mode	* Class AB	8	18	20	10	4
IDA7275	2x3.7W BTL Stereo Power Amplifier with Mute & Stand-by * High Output Power@VCC=14.4V, f=1kHz, RL=4Ω: - 2 x 40W Max. - 2 x 25W@THD=10% - 4 x 7 W @10% - 4 x 12W / 2Ω@10% * Standby * Diagnostics * BTL and SE Mode	2/4	* Standby * Diagnostics * BTL and SE Mode	* Class AB	8	18	25	10	4
IDA7288	4x41W Quad Bridge Car Radio Amplifier * High Output Power@ VCC=14.4V, f=1kHz, RL=4 Ω: - 4 x 41W Max. - 4 x 25W @THD=10% * Rail to rail output voltage swing * Low THD & cno	4	* Standby Mute * BTL Mode	* Class AB	8	18	26	10	4
IDA7052A	1W BTL Mono Audio Amplifier with DC Volume Control * Low power consumption * DC volume control * Mute mode * No switch-on and off clicks * Short-circuit proof	1	* DC Volume Control * Mute mode	* Class AB	4.5	18	1.1	10	8
IDA7043A	2x2W Stereo Audio Amplifier with DC Volume Control and Mute Function * DC volume control * Few external components * Mute mode * Thermal protection * Short-circuit proof	2	* DC Volume Control * Mute mode	* Class AB	4.5	18	1.1	10	8
DA4838	2x2W Stereo Audio Power Amplifier with 32 Steps DC Volume Control and selectable Car Modes BTL/SE * DC Volume Control Interface * System Beep Detect * Stereo switchable bridged/single-ended power amplifiers * Selectable internal/external gain and bass boost * Click and pop suppression circuitry	2	* DC Volume Control * Standby Mute * Selectable Gain * BTL and SE Mode	* Class AB	2.7	5.5	2	1	4
PA6021	2x2W Stereo Audio Power Amplifier with 32 Steps DC Volume Control * 2 W Into 4-W speakers with external heatsink * DC volume control with 2-dB * Steps from -40 dB ~ 20 dB * - Fast Mute * - -85-dB Mute Mode	2	* DC Volume Control * Shutdown Mute * BTL and SE Mode * FADE	* Class AB	4	5.5	2	10	4
DA7493	2x2W Stereo Audio Power Amplifier with 32 Steps Volume Control and two Output Modes BTL/SE * Stereo switchable bridged/single-ended power amplifiers * Output power 2W x 2 (VCC=6V, THD=1%, RL=8Ω) * Low harmonics distortion * Include 32 steps volume controller by DC voltage with ysteresis	2	* DC Volume Control * Shutdown Mute * BTL and SE Mode	* Class AB	3	6	2	10	4
IDA7496	2x2W Stereo Audio Power Amplifier with DC Volume Control with Stand-by Function * Linear volume control, Stand-by and mute functions * Silent Turn On/Off * No boucherot cell * 2 x 2W output power: RL=8Ω@THD=10%, VCC=14V * No ST-BY RC input network	2	* DC Volume Control * Standby Mute * Internally Fixed Gain	* Class AB	10	18	2	10	8
PA7468	2x2W Stereo Audio Power Amplifier 32-steps volume control and two output modes BTL/SE * Low Operating Current: 9mA * Two Output Modes Allowable with BTL and SE Modes(chosen by SE/BTL pin) * Low Current Consumption :1mA(In Shutdown Mode)	2	* DC Volume Control * Shutdown Mute * BTL and SE Mode	* Class AB	4.5	5.5	2.6	10	4
PA7469	2x2W Stereo Audio Power Amplifier 32-steps volume control and two output modes BTL/SE * Low operating current: 9mA * Two output modes allowable with BTL and SE modes selected by SE/BTL pin * Low current consumption in shutdown mode :1µA	2	* DC Volume Control * Standby Mute * BTL and SE Mode	* Class AB	4.5	5.5	2.6	10	4
IDA7495	2x5W Stereo Audio Power Amplifier with DC Volume Control with Stand-by Function * 5+5w output power @ VCC= 22V; RL = 8Ω * Low turn-on turn-off pop noise * Low external components * Short circuit & thermal overload protection * Linear volume control by DC voltage	2	* DC Volume Control * Standby Mute * Internally Fixed Gain	* Class AB	10	32	5	10	8
A4537	Power Amplifier for 1.5W Headphone Stereos * Low current drain * 16Ω load drive capability * excellent power supply ripple rejection * Less harmonic interference in radio band * On-chip power switch function, muton function	2	* Headphone Mute	* Class AB	0.9	4	0.008	10	16

Part No. (料号方式)	Features	Speaker channels (声道方式)	Function (功能方式)	Architecture (构造方式)	Supply Voltage (V) Min (Range)	Supply Voltage (V) Max (Range)	Output Power Pout (W) (Range)	Output Power THD (%) (Range)	Output Power Speaker Load (Ω) (Range)
S486	<ul style="list-style-type: none"> Operating voltage range VCC=2V ~ 5.5V Output power: <ul style="list-style-type: none"> 102mW @5V into 16Ω with 0.1% THD+N max (1kHz) Stand by mode available Low current consumption: 2.5mA max 	2	<ul style="list-style-type: none"> Headphone Standby 	Class AB	2	5.5	0.102	0.1	16
3541	<ul style="list-style-type: none"> Built-in Mute Function No Switch ON/OFF pops Short-Circuit Protection Low Power Consumption Large Output Voltage Swing 	2	<ul style="list-style-type: none"> Headphone Mute 	Class AB	3	6	0.11	0.1	16
PA2308	<ul style="list-style-type: none"> Output power less than 10% THD+N, VDD=5V(TYP) <ul style="list-style-type: none"> -280mW/CH (typical) into a 8Ω load -110mW/CH (typical) into a 32Ω load Very High signal-to-noise ratio Large output voltage swing 	2	Headphone	Class AB	3	6	0.084	0.1	32
EA3112	<ul style="list-style-type: none"> Operating voltage range VDD=2.5V~5.5V Output power: <ul style="list-style-type: none"> 150mW @5V into 16Ω Differential inputs Shutdown mode available 	2	<ul style="list-style-type: none"> Headphone Shutdown 	Class AB	2.5	5.5	0.09	0.1	32
L3305	<ul style="list-style-type: none"> Low Voltage Class B Amplifier Low Operating Voltage range (1V-3V) Low Operating current consumption Feedback stabilized gain less than 80 dB Output power exceeds 140 dB SPL 	1	Headphone	Class AB	1	3	-	-	-

Package (封装形式)
DIP-8 SOP-8
DIP-8 SOP-8 TSSOP-8
DIP-8 SOP-8 TSSOP-8 DFN3030-8
SOP-8
DIP-8 SOP-8
DIP-8 SOP-8 TSSOP-8
DIP-8 SIP-9
SOP-8
SOP-8 MSOP-8 DFN3030-8
SOP-8 MSOP-8 DFN3030-8
SOP-8 DIP-8
SOP-8 MSOP-8 DFN3030-8
HSIP-9B
TO-220B TO-220-5 TO-220B1 TO-263-5
TO-220B TO-220-5 TO-220B1
TO-220-5 TO-220B TO-220B1
TO-22027
HZIP-11A HZIP-15A
TO-220B TO-220-5
TO-220B TO-220B1 TO-220-5 TO-263-5
SOP-8
DFN3030-8
MSOP-10
DIP-8 HSOP-8

Package (封装方式)
DIP-8 SOP-8
DIP-8 SOP-8
MSOP-10
DIP-8 SOP-8
DIP-16
HTSSOP-20
TSSOP-20 HTSSOP-20
SOP-8 MSOP-8
HTSSOP-24
HTSSOP-24
HTSSOP-20
HTSSOP-24
DIP-16 SOP-16 SOP-18 HTSSOP-20
DIP-16
DIP-12H
SOP-20
DIP-12H
HTSSOP-24
HTSSOP-24
HTSSOP-24
HSIP-12A HSIP-14B
SOP-20 DIP-12H
FSIP-12H
HZIP-15A HSIP-14B
HSIP-9B DIP-18 DIP-20

Package
(封装方式)

HZIP-15A
HZIP-15B
HZIP-15D

HZIP-11A

HSIP-14
HZIP-11A

HZIP-11A

HZIP-15D

HSIP-9B

HSIP-9B

TO-22029

HZIP-11A

HZIP-11A
HSIP-14B

HZIP-11A

HTSSOP-24

HZIP-15A
HZIP-15D

HZIP-15A
HZIP-15D

HZIP-25B

SOP-8
DIP-8

DIP-16
SOP-16

HTSSOP-28
TSSOP-28

DIP-20

DIP-16
SOP-16

DIP-20
SOP-20
HZIP-15D

SOP-16

DIP-16
SOP-16

HZIP-15A
HZIP-15B
HZIP-15D

MSOP-10
SSOP-10

Package (封装方式)
SOP-8 MSOP-8
DIP-8 SOP-8
SOP-8
MSOP-10
TSSOP-14 SOP-14

Audio IC > Audio Related Controller

Part No. (勾選方式)	Features	Number of Channels (勾選方式)	Supply Voltage (V) Max (Range)	Supply Voltage (V) Min (Range)	Supply Current (mA) Max (Range)	Output Voltage (Vrms) (Range)	THD (Range)
UMPI06	Auto Identification Power Switch for Headphone Signal * Supply voltage: 0.8V~3.6V * Automatic input signal identification and switching * Wide range of temperature	1	0.8	3.6	0.4	-	-
ULV1012	Pre-Amplified IC'S For High Gain 2-Wire Microphones * Typical ULV1012-15, 2.2V Supply, RL=2.2kΩ, C=2.2μF, VIN=18mVPP, Unless Otherwise Specified * Supply Voltage: 2V ~ 5V * Supply Current: <180μA * Voltage Gain - ULV1012-07: 7.8dB - ULV1012-15: 15.6dB - ULV1012-20: 20.9dB	1	2	5	0.3	1.64	1
U2429	Serial Data Control L2429 Electronic Volume * Built-in reference circuit * Control with serial data Volume 0 ~ -83dB (1dB/step), ~∞ (Independent control is allowed in each channel) * Low noise and low distortion VNO = 5μVrms (ATT = ∞) THD = 0.01% Typ. (V/O = 0.5Vrms)	2	4.5	5.5	16	1.3	1
UM2750	4 Input/1 Output Stereo Audio Selector * Dual Channel for Stereo Use * 4.7~13V Operating Voltage * 4 Input /1 Output Audio Selectors	2	4.7	13	13	2.5	1
UM2752	2 Input/1 Output Stereo Audio Selector * Dual Channel for Stereo Use * 4.7~10V Operating Voltage * 2 Input /1 Output Audio Selectors	2	4.7	10	15	2.5	1
ULV7084	Pre-Amplifier For MemS Microphone * Operating voltage: 1.5V ~ 3.60V * Current consumption: 80μA typ. * Bias Voltage: +12.5V * Input equivalent noise: 3μVrms (-110dBV) * Frequency response: 20Hz~20kHz * Maximum output Voltage: 281mVrms (-11dBV) at THD < 5% * Gain: -3dB * Operating temperature: -40C~85C	1	1.5	3.6	0.25	0.281	1
U7313	Audio Processor IC * Support I2C bus interface * 3 stereo inputs and selectable input gain * Volume control in 1.25dB/step * Loudness function	4	6	10	11	2.5	0.3
UAP7313	Stereo Audio Processor For Car Audio * 3 stereo inputs with gain selection, range from 0dB to +11.25dB in 3.75dB/step * Master volume from 0 dB to -78.75dB in 1.25dB/step * Speaker attenuator for balance and fader, range from 0dB to -38.75dB in 1.25dB/step * Each channel output can be muted individually. * Bass and Treble control, range from -14dB to +14dB in 2dB/step * Wide operation range (VDD = 4V to 10V)	4	4	10	40	2.5	1%
UPC1237	Protector IC For Stereo Power Amplifier * Wide supply voltage range of 25V~60V. * Contain a relay driver. (Max. I6=80mA) * Latching / Automatic Reset function	1	25	60	8	-	-
ALDR605	Capless 2Vrms Audio Line Driver With Adjustable Gain * Integrated Charge pump generates negative supply rail * Provides flat frequency response from DC to 20kHz * Pop-Free under-voltage protection * Low noise and THD Typical THD+N = 0.001% (f = 1kHz)	2	3	3.6	14.5	2	1
ALDR632	Direct 2-Vrms Audio Line Driver with Adjustable Gain * Low THD+N<0.01% at 2Vrms Into 10kΩ * Stereo Direct Audio Line driver 2Vrms Into 10KΩ With 3.3V Supply * Integrated Charge Pump Generates Negative Supply Rail * High SNR, >90dB * Ground-Referenced Outputs Eliminate DC-Blocking Capacitors	3.0V~3.6V	3	3.6	25	2	1
ALDR6138	Direct Headphone Driver With Adjustable Gain * Low THD+N<0.01% at 10mW Into 32Ω * Stereo Direct Headphone Amplifier driver 40 mW Into 32Ω With 3.3-V Supply * Integrated charge pump Generates Negative Supply Rail * High SNR, >90dB * Ground-Referenced Outputs Eliminate	2	3	3.6	25	-	1

Package (构造方式)
SOT-26
SOT-26
SOP-8 DIP-8
SOP-16
TSSOP-14
SOT-23-5
SOP-28 DIP-28
SOP-28
SIP-8
HMSOP-10
TSSOP-14
TSSOP-14

Amplifiers IC > Operational Amplifier

Part No. (勾選方式)	Description	Features (勾選方式)	Number of Channels (勾選方式)	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Iq (mA) Max (Range)	VOS (mV) Max (Range)	Slew Rate(V/us) TYP (Range)	Bandwidth (MHz) TYP (Range)
M2107	Single Operational Amplifier	* Bipolar Technology	1	±1.0	±3.5	3	6	3	-
M2110	Monaural MIC Amplifier	* Bipolar Technology * Single-Supply Operation	1	2.7	5.3	4.5	-	-	-
M2120	Operational Amplifier With Switch	* Bipolar Technology * Analog Switch Function	2	±2.5	±18	6	6	1.2	3.5
M2125	Single-Supply Operational Amplifier	* Bipolar Technology	1	±2.7	20	1.75	7	1.2	1.2
M2136	Ultra Wide Band, High Slew Rate Single Operational Amplifier	* Bipolar Technology * High Slew Rate * High Bandwidth	1	±1.35	±6	0.82	5	45	200
LM318	High-Speed Single Operational Amplifier	* Bipolar Technology * High Slew Rate * External Components to Compensate	1	±5.0	±20	10	10	70	15
LM321	Low Power Single Operational Amplifier	* Bipolar Technology * Input Common-Mode Voltage Range Include Ground.	1	3	32	2.85	7	0.4	1
TS321	Low Power Single Operational Amplifier	* Bipolar Technology * Input Common-Mode Voltage Range Include Ground.	1	3	30	0.9	4	0.4	0.8
OP07C	Very Low Offset Voltage Single Operational Amplifier	* Bipolar Technology * External Input Offset Voltage Adjustment	1	3	18	5	0.06	0.3	0.6
CA3080	Operational Transconductance Amplifier (OTA)	* Bipolar Technology * Fully Adjustable Gain: 0 to gmRL Limit	1	±2	±15	1.3	2	50	2
LM741*	General-Purpose Single Operational Amplifier	* Bipolar Technology * External Input Offset Voltage Adjustment	1	±5	±15	2.8	6	0.5	-
MC336*	PLC Analog Low Noise Amplifier	* CMOS Technology * FM Communications Equipment	1	2.5	6	-	-	-	-
LV2460_LV2461	Family Of Low Voltage Rail to Rail Input/Output Operational Amplifiers With Shutdown	* CMOS Technology * Rail-to-Rail Input/Output * Shutdown Mode	1	2.7	6	0.575	2	1.6	6.4
LV321	Low Voltage Rail-to-Rail Output Operational Amplifier	* CMOS Technology * Rail-to-Rail Output	1	2.7	5.5	0.25	7	0.8	1
LLV321	Low Voltage Rail to Rail Output Operational Amplifier	* CMOS Technology * Rail-to-Rail Output	1	2.5	5.5	0.12	7	1.5	1.4
ULV3211	Low Voltage Rail to Rail Input/Output and High Slew Rate Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output	1	3	5.5	0.7	10	5.2	6.5
ULV335	Zero-Drift, Single-Supply CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output * Low Offset Voltage	1	2.7	5.5	0.6	0.02	1.6	2
ULV3541	220MHz, Rail to Rail Input/Output CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output * High Slew Rate * High Bandwidth * Thermal Shutdown	1	2.5	5.5	7	10	170	220
ULV6001	Low Voltage Rail to Rail Input/Output Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output	1	1.8	5.5	0.315	7	0.9	1.5
ULV6042	Micro-Power, Rail-To-Rail Input/Output Operational Amplifiers	* Wide Supply Voltage Range * Low Quiescent Current * Rail-to-Rail Input/Output	2	1.4	6	0.0012	4	0.003	0.014
ULV7011	Low-Power Tiny Single CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Output * Low Operating Current	1	1	5.5	0.025	10	0.15	0.4
ULV7012	Low-Power Tiny Single CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Output * Low Operating Current	1	1	5.5	0.16	10	1.5	1.2
ULV7013	Low-Power Tiny Single CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Output	1	1	5.5	0.4	10	2.5	1.8
ULV8538	Zero-Drift, Low Power Precision Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output * Low Offset Voltage	1	2.7	5.5	0.18	0.013	0.4	0.43
ULV8551	Zero-Drift, Single-Supply Rail to Rail Input/Output CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output * Low offset voltage	1	2.7	5	1	0.02	0.3	1.2
ULV8551XN	Zero-Drift, Single-Supply Rail to Rail Input/Output CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Output * Low Offset Voltage * Low Operating Current	1	2.7	5.5	0.7	0.045	0.7	1
ULV8551XK	Zero-Drift, Single-Supply Rail to Rail Input/Output CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Output * Low Offset Voltage * Low Operating Current	1	2.7	5.5	0.87	0.045	2	3.2

ULV341*	Low Voltage Rail to Rail Output CMOS Operational Amplifiers With Shutdown	* CMOS Technology * Rail-to-Rail Output * Shutdown Mode	1	1.5	5.5	0.32	4	1	2.3
LV651*	12 MHz, Low Voltage, Low Power Amplifier	* CMOS Technology * Rail-to-Rail Output	1	2.7	5.5	0.14	1.5	3	12
LV715*	Low-Power, Rail to Rail Input And output, High Output Current Drive Operational Amplifier With Shutdown	* CMOS Technology * Rail-to-Rail Input/Output * Shutdown Mode	1	2.7	5	1.7	3	5	5
LV721*	10MHz, Low Voltage Rail to Rail Output Operational Amplifier	* CMOS Technology * Rail-to-Rail Output	1	2.2	5.5	1.4	3	5.25	10
LV821*	5MHz, Low Voltage Rail to Rail Output Operational Amplifier	* CMOS Technology * Rail-to-Rail Output	1	2.5	5.5	0.4	3.5	2	5.6
LV981*	Single Low-Power 1.8V Rail to Rail Input And Output Operational Amplifier With Shutdown	* CMOS Technology * Rail-to-Rail Input/Output * Shutdown Mode	1	1.8	5	0.21	4	0.42	1.4
MC1458	Dual Operational Amplifier	* Bipolar Technology * Output Short-Circuit Protection	2	±4	±22	5	5	0.8	1
M2100	Dual Operational Amplifier	* Bipolar Technology	2	2	7	5	6	4	12

M2115	Dual Operational Amplifier	* Bipolar Technology	2	2	7	5	6	4	12
UM2122	Ultra Low Noise Dual Operational Amplifier	* Bipolar Technology	2	±2	±8	9.5	6	2	12
M2904	Low Power Dual Operational Amplifier	* Bipolar Technology	2	3	32	1.2	7	0.5	0.2
3308	Dual High Current Operational Amplifier	* Bipolar Technology * High Output Current	2	3	15	5	5	1	1.3
MC33078	Dual Low Noise Operational Amplifiers	* Bipolar Technology	2	±5	±18	5	2	7	16
MC33178	High Output Current Low Noise, Low Power Operational Amplifiers	* Bipolar Technology * 600Ω Output Drive Capability	2	±2	±18	1.4	3	2	5
MC33272	Single Supply, High Slew Rate, Low Input Offset Voltage Operational Amplifiers	* Bipolar Technology * High Slew Rate * High Bandwidth	2	3	36	2.75	1	10	24
MC34072	High Slew Rate, Wide Bandwidth, Dual Operational Amplifier	* Bipolar Technology * High Slew Rate * Output Short-Circuit Protection	2	3	44	2.8	3	13	4.5
3404	Dual Operational Amplifier	* Bipolar Technology	2	4	36	3.5	5	1.2	1.2
3414	Single Supply Dual High Current Operational Amplifier	* Bipolar Technology * High Output Current	2	3	15	5	5	1	1.3
3422	High Performance Dual Operational Amplifier	* Bipolar Technology * High Slew Rate * High Bandwidth	2	3	36	2.75	2.5	15	25
LM258	Dual Operational Amplifier	* Bipolar Technology * Wide power supply range * Input common-mode voltage range include ground.	2	3	32	0.83	7	1	1
LM358	Low Power Dual Operational Amplifier	* Bipolar Technology * Input Common-Mode Voltage Range Include Ground.	2	3	32	2	5	0.5	1
MC4556	Dual High Current Operational Amplifier	* Bipolar Technology * High Output Current	2	±2	±18	12	6	3	8
MC4558	Dual Operational Amplifier	* Bipolar Technology	2	±4	±22	4.5	6	2.2	2.8
MC4560	Dual Operational Amplifier	* Bipolar Technology	2	±4	±18	5.7	6	4	10
M4565	Dual Operational Amplifier.	* Bipolar Technology	2	±4	±18	7	3	4	10
MC4580	Dual Operational Amplifier	* Bipolar Technology	2	±2	±18	9	3	5	15
LM833	Low Noise Dual Operational Amplifier	* Bipolar Technology	2	±2.5	±15	8	5	7	15
LM224	Quad Operational Amplifier	* Bipolar Technology * Input Common-Mode Voltage Range Includes Ground.	4	3	30	3	5	-	-
LM324	Low Power Quad Operational Amplifier	* Bipolar Technology * Input Common-Mode Voltage Range Includes Ground.	4	3	32	3	5	-	-
MC34074	High Slew Rate, Wide Bandwidth, Quad Operational Amplifier	* Bipolar Technology * High Slew Rate * Output Short-Circuit Protection	4	3	44	2.5	5	13	4.5
TL062	Low Power Dual J-FET Operational Amplifier	* Bipolar Technology * Low Power Consumption * Output Short-Circuit Protection * High Input Impedance J-FET Input Stage	2	±4	±18	0.5	15	1.1	1
TL072	Low Noise Dual J-FET Operational Amplifier	* Bipolar Technology * Output Short-Circuit Protection * High Input Impedance J-FET Input Stage * High Slew Rate	2	±4	±18	2.5	10	10	4
TL082	General Purpose Dual J-FET Operational Amplifier	* Bipolar Technology * Output Short-Circuit Protection * High Input Impedance J-FET Input Stage * High Slew Rate	2	±4	±18	5.6	10	10	4
TL074	Low Noise Quad J-FET Operational Amplifier	* Bipolar Technology * Output Short-Circuit Protection * High Input Impedance J-FET Input Stage * High Slew Rate	4	±4	±18	2.5	6	13	3
TL084	Low Noise Quad J-FET Operational Amplifier	* Bipolar Technology * Output Short-Circuit Protection * High Input Impedance J-FET Input Stage * High Slew Rate	4	±4	±18	2.8	15	2	1
ULV2262	400µA, 0.71MHz Rail-To-Rail Operational Amplifiers	* CMOS Technology * Rail-to-Rail Output	2	2.7	6.5	0.55	0.95	0.8	0.71

OPA2336	Single-Supply Micropower CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Output * Low Offset Voltage * Low Operating Current * Single-Supply Operation	2	2.3	5.5	0.032	0.13	0.03	0.1
ULV2362	High-Performance Low-Voltage Operational Amplifiers	* Bipolar Technology	2	±1	±2.5	4	6	3	7
ULV2333	1.8V, Micro-Power CMOS Zero-Drift Operational Amplifiers	* CMOS Technology * Rail-to-Rail Input/Output * Low Offset Voltage * Low Operating Current	2	1.8	5.5	0.148	0.025	0.25	0.35
LV2462-LV2463	Family Of Low-Power Rail-To-Rail Input/Output Operational Amplifiers With Shutdown	* CMOS Technology * Rail-to-Rail Input/Output * Shutdown Mode	2	2.7	6	0.65	2	1.6	6.4
LV2622	Low Voltage Rail to Rail Input/Output Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output	2	2.5	5.5	0.4	3	1.7	3
ULV2772	Family Of 2.7V High-Slew-Rate Rail-To-Rail Output Operational Amplifiers	* CMOS Technology * Rail-to-Rail Output * High Slew Rate	2	2.5	6	2	2.7	10.5	5.1
LV358	Low Voltage Rail to Rail Output Operational Amplifier	* Bipolar Technology * Rail-to-Rail Output	2	2.7	5.5	0.44	7	1	1
ULV5532	1.8V, 42µA, Rail-to-Rail Input/Output, Zero Drift Operational Amplifiers	* CMOS Technology * Rail-to-Rail Input/Output * Low Supply Current * Low Offset Voltage	2	1.8	5.5	0.06	0.12	0.23	0.35
ULV661	2.5V, 50MHz, Rail-to-Rail Output, CMOS Single Operational Amplifier	* CMOS Technology * Rail-to-Rail Output * High Slew Rate * High Bandwidth	1	2.5	5.5	9	8	32	50
ULV662	50MHz, Rail-to-Rail Output, CMOS Single Operational Amplifier	* CMOS Technology * Rail-to-Rail Output * High Slew Rate * High Bandwidth	2	2.5	5.5	9	1.5	32	50
ULV7002	1.5V, 0.23µA/CH, Ultralow Power, Rail-to-Rail Input/Output Dual CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output	2	1.5	5.5	0.00076	3	0.001	0.0011
ULV8539	Micro-Power, Zero-Drift Dual Operational Amplifiers	* Low supply current * Low offset voltage	2	2.7	5.5	0.23	0.015	0.4	0.4
ULV8542	1.1MHz, 42µA Rail-To-Rail I/O CMOS Dual OP AMPS	* CMOS Technology * Rail-to-Rail Input/Output * Low Supply Current	2	2.1	5.5	0.12	3.5	0.8	1.1

ULV8552	Zero-Drift, Single-Supply Rail to Rail Input/Output CMOS Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output * Low offset voltage	2	2.7	5	1	0.02	0.33	1.2
ULV8562*	1.7V, 500nA, Rail to Rail Input/Output, Nanopower Operational Amplifier	* CMOS Technology * Rail-to-Rail Input/Output	2	1.7	3.6	0.64	3.4	0.0045	0.008
ULV8622	5.5MHZ, Low Voltage Rail-To-Rail I/O CMOS Dual OP AMPS	* CMOS Technology * Rail-to-Rail Input/Output	2	2	5.5	0.62	3	3.7	5.5
ULC272*	CMOS Precision Dual Operational Amplifiers	* CMOS Technology * Single-Supply Operation * Input Common-Mode Voltage Range Includes Ground. * Output Voltage Range Includes Negative Rail	2	4	16	4	10	4.6	2.2
ULV607*	2.5V TO 6.0V Micropower CMOS OP AMPS	* CMOS Technology * Rail-to-Rail Output * Low Supply Current	2	2.5	6	0.05	0.95	0.08	0.155
ULV912*	8MHz Rail-to-Rail Input/Output Operational Amplifiers	* CMOS Technology * Rail-to-Rail Input/Output * High Output Current	2	2.5	5.5	1.1	4.5	4.5	8
ULV2361	HIGH-PERFORMANCE LOW-VOLTAGE OPERATIONAL AMPLIFIERS	* Bipolar Technology * Low Supply-Voltage Operation * Wide Bandwidth * High Slew Rate	1	±1	±2.5	5	6	2	4
LV2464	Family Of Low-Power Rail-To-Rail Input/Output Operational Amplifiers	* CMOS Technology * Rail-to-Rail Input/Output	4	2.7	6	0.65	2	1.6	6.4
LV324	Low Voltage Rail to Rail Output Operational Amplifier	* Bipolar Technology * Rail-to-Rail Output	4	2.7	5.5	0.83	7	1	1
ULV724	Low-Power Rail-To-Rail I/O CMOS Quad Operational Amplifiers	* CMOS Technology * Rail-to-Rail Input/Output * High Bandwidth	4	2.1	5.5	1.6	4	8.5	11
LMH358	Low Power Rail to Rail Output Operational Amplifier	* Bipolar Technology * Rail-to-Rail Output	2	4.5	16	0.75	10	1.3	4
ULV1546*	20V High Currrent Drive Rail-To-Rail Vcom/Gamma Buffer	* CMOS Technology * Rail-to-Rail Output * High Slew Rate * High Bandwidth * High Output Current	4	5	20	1.2	15	27	28
L6132	Low Power 10 MHz Rail-to-Rail Input/Output Dual Operational Amplifiers	* CMOS Technology * Rail-to-Rail Input/Output * High Slew Rate * High Bandwidth	2	2.7	24	0.45	8	14	10
L6142	17 MHz Rail-to-Rail Input/Output Dual Operational Amplifiers	* CMOS Technology * Rail-to-Rail Input/Output * High Slew Rate * High Bandwidth	2	2.7	24	1.15	5	25	17
L6134	Low Power 10 MHz Rail-to-Rail Input/Output Quad Operational Amplifiers	* CMOS Technology * Rail-to-Rail Input/Output * High Slew Rate * High Bandwidth	4	2.7	24	0.49	12	14	11
L6144	17 MHz Rail-to-Rail Input/Output Quad Operational Amplifiers	* CMOS Technology * Rail-to-Rail Input/Output * High Slew Rate * High Bandwidth	4	2.7	24	1.15	5	25	17
TCA0372	1.0A Outout Current, Dual Power, Operational Amplifiers	* Bipolar Technology * Internal Thermal Shutdown * Output Current to 1.0A	2	4	40	10	15	3.2	2.8
CA3140	4.5MHz, OPERATION AMPLIFIER WITH MOSFET INPUT/BIPOLAR OUTPUT	* Bipolar Technology * MOSFET Input Stage * External Input Offset Voltage Adjustment	1	4	36	6	15	2	4.5
LM2902	Quadruple Operational Amplifiers	* Bipolar Technology * Wide Supply Voltage Range * Low Supply Current Drain Independent of Supply Voltage * Large DC voltage gain * Input Common-Mode Voltage Range Includes Ground	4	3	30	1.2	5	-	-
LM2904	Dual Operational Amplifier	* Bipolar Technology * Wide Supply Voltage Range * Low Supply Current Drain Independent of Supply Voltage * Large DC voltage gain * Input Common-Mode Voltage Range Includes Ground	2	3	32	1.2	5	0.5	1
ULV347	Micropower, Rail-To-Rail Operational Amplifiers	* CMOS Technology * Low Supply Current * Rail-to-Rail Input and Output	1	2.5	5.5	0.06	5.5	0.17	0.35
ULV8532	500kHz, 25µA, Rail-To-Rail Input/Output, CMOS Operational Amplifier	* CMOS Technology * Low Supply Current * Rail-to-Rail Input and Output	2	2.1	5.5	0.053	1	0.2	0.5

Package (封装方式)
SOT-25
SOP-8 TSSOP-8
SOP-8
SOT-25 SOT-353
SOP-8 TSSOP-8
DIP-8 SOP-8
SOT-25 SOT-23-5
SOT-25
DIP-8 SOP-8
DIP-8
DIP-8 SOP-8
MSOP-8
SOP-8 SOT-26 SOT-25
SOT-25 SOT-353
SOT-353
SOT-25
SOP-8 SOT-25
SOP-8 SOT-25
SOT-25 SOT-23-5 SOT-353
SOP-8
SOT-25
SOT-25
SOT-25
SOP-8 SOT-25
SOP-8
SOT-25
SOT-25

SOT-26
SOT-25
SOT-26
SOT-25
SOT-25
SOT-26
DIP-8 SOP-8
DIP-8 SOP-8 TSSOP-8

DIP-8 SOP-8 TSSOP-8
SOP-8
DIP-8 SOP-8 TSSOP-8 MSOP-8
DIP-8 SOP-8 TSSOP-8
SOP-8
DIP-8 SOP-8
SOP-8
DIP-8 SOP-8 TSSOP-8 MSOP-8
DIP-8 SOP-8 TSSOP-8
DIP-8 SOP-8 TSSOP-8
DIP-8 SOP-8 DFN3030-8
SOP-14 TSSOP-14
DIP-8 SOP-8 SIP-9 MSOP-8 TSSOP-8
DIP-8 SOP-8
DIP-8 SOP-8 TSSOP-8 SIP-8 SIP-9 MSOP-8
DIP-8 SOP-8 MSOP-8
DIP-8 SOP-8 TSSOP-8
DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2030-8
SOP-8, MSOP-8
DIP-14 SOP-14 TSSOP-14
DIP-14 SOP-14 TSSOP-14 QFN-16(3x3)
DIP-14 SOP-14
DIP-8 SOP-8 TSSOP-8
DIP-8 SOP-8 TSSOP-8
DIP-8 SOP-8 TSSOP-8
DIP-14 SOP-14
DIP-14 SOP-14 TSSOP-14
SOP-8

SOP-8 DFN2030-8
SOP-8
SOP-8 MSOP-8
SOP-8 MSOP-8 MSOP-10
SOP-8 MSOP-8 TSSOP-8 DFN2030-8
TSSOP-8 SOP-8
SOP-8 TSSOP-8 MSOP-8 DFN2030-8
SOP-8
SOP-8
SOP-8 MSOP-8 DFN3030-10
SOP-8
SOP-8
SOP-8 MSOP-8 DFN2020-8

SOP-8
SOP-8
SOP-8
SOP-8
SOP-8
SOP-8
SOT-25
SOP-14 TSSOP-14
SOP-14 TSSOP-14
TSSOP-14 SOP-14
SOP-8
TSSOP-14
SOP-8
SOP-8
SOP-14
SOP-14
DIP-16 SOP-16 SOP-16W
DIP-8
DIP-14 SOP-14 TSSOP-14
DIP-8 SOP-8 TSSOP-8 MSOP-8 SIP-9 DFN2020-8
SOT-25, SOT353
SOP-8

Amplifiers IC > Voltage Comparator

Part No. (勾選方式)	Description	Features (勾選方式)	Number of Channels (勾選方式)	Vcc (V)Min (Range)	Vcc (V)Max (Range)	Iq (mA)Max (Range)	VOS(mV) Max (Range)	Propagation delay time (μ s)Min (Range)	Propagation delay time (μ s)Max (Range)
ULC831	Micro-Power, CMOS Inout,RRIO, 1.4V, Push-Pull Output Comparator	* Push-Pull Output * Rail-to-Rail Input/Output * Very Low Supply Current	1	1.4	5.5	0.002	0.5	-	33
ULC3491	Nanopower, CMOS Input, Push-Pull Output Comparator	* Push-Pull Output * Rail-to-Rail Input/Output * Very Low Supply Current	1	1.8	5.5	0.0012	15	-	-
LMV331	Single General Purpose, Low Voltage,Small Pack Comparator	* Open-Darin Output * Low Supply Current	1	2.7	5	0.12	7	-	3
UTL331/A	Low Power Single Voltage Comparator	* Open-Darin Output * Signal or Dual Supply Operation	1	2	36	0.9	5	-	1.3
TS391/A/B/C	Low Power Single Voltage Comparator	* Open-Darin Output * Signal or Dual Supply Operation	1	2	36	1.25	5	-	1.3
LMV393	Dual General Purpose, Low Voltage,TinyPack Comparators	* Open-Darin Output * Low Supply Current	2	2.7	5	0.2	7	-	3.4
ULC3702	Dual Micropower CMOS Voltage Comparators	* Push-Pull Output * Very Low Supply Current	2	3	16	0.04	5	-	1.1
ULC393	Dual Micropower CMOS Voltage Comparators	* Open-Darin Output * Very Low Supply Current	2	3	16	0.04	5	-	2
LM393	Dual Differential Comparators	* Open-Darin Output * Signal or Dual Supply Operation	2	2	36	2.5	5	-	1.4
LM339	Quad Differential Comparators	* Open-Darin Output * Signal or Dual Supply Operation	4	2	36	2	3	-	1.4
LM2901	Quad Differential Comparators	* Open-Darin Output * Signal or Dual Supply Operation	4	2	36	2	3	-	1.4
LM2903	Dual Differential Comparators	* Open-Darin Output * Signal or Dual Supply Operation	2	2	36	2.5	5	-	1.4
LM339-Q	Quad Differential Comparator	* Bipolar Technology * Signal or Dual Supply Operation * Wide Operating Supply Range	4	2	36	2	3	-	1.4
LM393-Q	Dual Differential Comparator	* Bipolar Technology * Signal or Dual Supply Operation * Wide Operating Supply Range	2	2	36	2.5	5	-	1.4
LM293	Dual Differential Comparator	* Bipolar Technology * Signal or Dual Supply Operation * Wide Operating Supply Range	2	2	36	2.5	5	-	1.4
LM239	Quad Differential Comparator	* Bipolar Technology * Signal or Dual Supply Operation * Wide Operating Supply Range	4	2	36	2	3	-	1.4

Package (封装方式)
SOT-25 SOT-23-5
SOP-8 SOT-25 SOT-353
SOT-25 SOT-23-5 SOT-353
SOT-25 SOT-23-5 SOT-353
SOT-25 SOT-353
DIP-8 SOP-8 MSOP-8
DIP-8 SOP-8 TSSOP-8
SOP-8
DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2020-8
DIP-14 SOP-14 TSSOP-14 QFN-16(3x3)
DIP-14 SOP-14 TSSOP-14 QFN-16(3x3)
DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2020-8
DIP-14 SOP-14 TSSOP-14 QFN-16(3x3)
DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2020-8
DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2020-8
DIP-14 SOP-14 TSSOP-14 QFN-16(3x3)

Analog Switches > Video Signal Switch

Part No. (勾選方式)	Features	Number of channels (勾選方式)	Vcc (V)Min (Range)	Vcc (V)Max (Range)	Icc (mA) (Range)	VOFF (mV) (Range)
UM1671	Low Voltage Operating 75Ω Driver	1	2.8	5.5	10	-
V2267	Dual Video 6dB Amplifier with 75Ω Driver	2	4.85	9	18.2	-
M3355	2-Input Single Video Switch	2:1	4.75	13	11	15
M3366	3-Input Video Switch with 75Ω Driver	3:1	4.75	13	22	30
M3368	3-Input Video Switch with 6dB Amplifier	3:1	4.75	13	21	60
M4034	3-Input Video Switch with 70dB Amplifier	3:1	4.75	13	14.5	30
M7612	3-Input Video Signal Switches Built-in Mute 6dB Amplifier and 75Ω Driver	3:1	4.5	13	29	-
A7623	2×75Ω Driver IC with 3 Internal Circuits	3	4.5	5.5	37.8	-
VF8143	Low-Cost Three-Channel 4TH-Order Standard definition Video Filters	3	4.75	5.25	27	-
VF8146	LOW-COST SIX-CHANNEL 4TH-ORDER STANDARDDEFINITION VIDEO FILTERS	6	4.75	5.25	55	-
VF8418	TRIPLE VIDEO DRIVER WITH SELECTABLE HD/SD VIDEO FILTERS FOR RGB OR YUV SIGNALS	3	4.75	5.25	70	-

Package (勾选方式)
DIP-8 SOT-26
DIP-8 SOP-8 TSSOP-8 MSOP-8
DIP-8 SOP-8 TSSOP-8
DIP-8 SOP-8
DIP-8 SOP-8
DIP-8 SOP-8 MSOP-8 SIP-8
SOP-8 SIP-8
SOP-8
SOP-8
TSSOP-14
DIP-16

Analog Switches > Analog Switches & Multiplexers IC

Part No. (勾選方式)	Description	Configuration (勾選方式)	Number of channels (勾選方式)	Function (勾選方式)	Vcc (V) Min (Range)	Vcc (V) Max (Range)	IQ (uA) Max (Range)	RON (Ohms) Max (Range)	Bandwidth (MHz) Max (Range)
4051	8-CH Analog Multiplexers/Demultiplexers	8:1	1	* Multiplexers/Demultiplexers * Break-Before-Make Switching * OE pin	3	18	20	280	17
4052	Differential 4-CH Analog Multiplexers/Demultiplexers	4:1	2	* Multiplexers/Demultiplexers * Break-Before-Make Switching * OE pin	3	18	20	280	17
4053	Triple 2-CH Analog Multiplexers/Demultiplexers	2:1	3	* Multiplexers/Demultiplexers * Break-Before-Make Switching * OE pin	3	18	20	280	17
U75B3157	10Ω SPDT Analog Switch	2:1	2	* Single-Pole Double-Throw (SPDT) Switch * Low ON-State Resistance * Break-Before-Make Switching	1.65	5.5	1	10	220
USSV330	Low On-Resistance Wideband/Video Quad 2-Channel MUX/DEMUX	2:1	4	* Switch * Low ON-State Resistance * OE pin	4.5	5.5	3	10	400
USSC3125	4-Bit Bus Switch With Individual Enables	1:1	4	* Switch * Low ON-State Resistance * OE pin	4.5	5.5	3	7	-
USSC3257	Quad 2:1 MUX/DEMUX Bus Switch	2:1	4	* Switch * Low ON-State Resistance * OE pin	4.5	5.5	3	7	-
USSC3305	2-Bit Bus Switch with Individual Enables	1:1	2	* Switch * Low ON-State Resistance * OE pin	4	5.5	3	7	-
USSC3306	2-Bit Bus Switch with Active Low Enables	1:1	2	* Switch * Low ON-State Resistance * OE pin	4.5	5.5	3	7	-
USSC3309	3:1 MUX/DEMUX Bus Switch	3:1	1	* Switch * Low ON-State Resistance	4.5	5.5	3	7	-
UMX2215	Low On-Resistance Wide Bandwidth Dual 4:1 MUX/DEMUX Analog Switch	4:1	2	* Switch * Low ON-State Resistance * OE pin	2	5.5	1	4.5	200
UMX8228	High-Speed USB 2.0 (480-Mbps) 1:2 Multiplexers/Demultiplexers Switch	2:1	2	* Switch * Low ON-State Resistance * Break-Before-Make Switching * OE pin	1.8	5.5	1	4	550
UMX4215	Low On-Resistance Wide bandwidth Single 2:1 MUX/DEMUX Analog Switch	2:1	1	* Switch * Low ON-State Resistance	1.65	5.5	1	4.2	400
UMX2110*	Low On-Resistance Wide bandwidth Dual 1:1 Analog Switch Of Level Shifter	1:1	2	* Switch * Low ON-State Resistance	4.5	5.5	1	4	700
UMX2211*	USB 2.0 High-Speed (480Mbps) Dual 2:1 MUX/DEMUX Analog Switch	2:1	2	* Switch * Low ON-State Resistance * OE pin	2.8	5	1	4.5	800
UCA9543*	2-Channel I2C Bus Switch With Interrupt Logic And Reset	2:1	2	* I2C Bus Switch * I2C Bus and SMBus Compatible * Reset	2.3	5.5	1	20	0.4
UMDM27518*	6-Bit, 1-of-2 Multiplexers/Demultiplexers With Integrated IEC L-4 ESD And 1.8V Logic Compatible Control Inputs	2:1	6	* Switch * Low ON-State Resistance * OE pin	1.65	3.6	0.3	6.2	240
UDS22364*	0.65Ω Dual SPDT Analog Switches With Negative Signaling Capability	2:1	2	* Single-Pole Double-Throw (SPDT) Switch * Low ON-State Resistance * Break-Before-Make Switching	2.3	5.5	1.3	0.74	18.3
U74CB3Q3245*	8-Bit FET Bus Switch 2.5V/3.3V Low-Voltage High Bandwidth Bus Switch	1:1	8	* Switch * Low ON-State Resistance * Ioff Supports Partial-Power-Down Mode Operation * OE pin	2.3	3.6	2000	6	20
UTAS4157	ANALOG SWITCH, SPDT, 1Ω RON	2:1	1	* Switch * Low ON-State Resistance	1.65	5.5	0.5	1.4	40
US12A4515	SPST CMOS ANALOG SWITCHES	1:1	1	* Switch * Control input	2	12	0.1	40	460
UMX2412	LOW ON-RESISTANCE WIDE BANDWIDTH DUAL 4:1 MUX/DEMUX ANALOG SWITCH	4:1	2	* Switch * Low ON-State Resistance * OE pin	2	5.5	1	4.5	200

Package (封装方式)
DIP-16 SOP-16 TSSOP-16
DIP-16 SOP-16 TSSOP-16
DIP-16 SOP-16 TSSOP-16
MSOP-10
SSOP-16(150mil)
TSSOP-14
SOP-16 TSSOP-16
MSOP-8 TSSOP-8
MSOP-8
SOP-8 MSOP-8
SOP-16
MSOP-10
SOT-363
SOT-26
SOP-14 QFN-10(1.8x1.4)
SOP-14 TSSOP-14
TSSOP-24
SSOP-10
TSSOP-20
SOT-26
SOT-25
SOP-16

Logic & Voltage Translators > 74HC/HCT Family

Part No. (有源方式)	Description	Technology family (有源方式)	Number of channels (有源方式)	Sub family (有源方式)	Function (有源方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{cc} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)
74HC00	QUADRUPL 2-INPUT POSITIVE-NAND GATES	HC	4	NAND GATE	*push-pull output	2	6	15	2	5.2
74HC02	QUADRUPL 2-INPUT NOR GATES	HC	4	NOR GATE	*push-pull output	2	6	15	2	5.2
74HC04	HEX INVERTERS	HC	6	INVERTER	*push-pull output	2	6	16	2	5.2
74HC07	HEX BUFFER (OPEN DRAIN)	HC	6	BUFFER	*open-drain output	2	6	17	2	5.2
74HC08	QUAD 2-INPUT AND GATES	HC	4	AND GATE	*push-pull output	2	6	17	2	5.2
74HC14	HIGH-SPEED CMOS LOGIC HEX INVERTING SCHMITT TRIGGER	HC	6	INVERTER	*push-pull output *schmitt-trigger	2	6	32	2	5.2
74HC20	DUAL 4-INPUT NAND GATES	HC	2	NAND GATE	*push-pull output	2	6	19	2	5.2
74HC21	DUAL 4-INPUT AND GATES	HC	2	AND GATE	*push-pull output	2	6	19	2	5.2
74HC32	QUADRUPL 2-INPUT POSITIVE-OR GATES	HC	4	OR GATE	*push-pull output	2	6	15	2	5.2
74HC73	DUAL J-K FLIP-FLOPS WITH CLEAR AND PRESET	HC	2	J-K FLIP-FLOP	*push-pull output *CLR pin	2	6	21	4	5.2
74HC74	DUAL D FLIP-FLOP WITH SET AND RESET, POSITIVE-EDGE TRIGGER	HC	2	D-TYPE FLIP-FLOP	*push-pull output *RESET pin	2	6	30	4	5.2
74HC86	QUAD 2-INPUT EXCLUSIVE-OR GATES	HC	4	XOR GATE	*push-pull output	2	6	17	2	5.2
74HC123	DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR WITH RESET	HC	2	MULTIVIBRATOR	*multiplexer *RESET pin	2	6	43	8	5.2
74HC138	3-TO-8 LINE DECODERS / DEMULTIPLEXERS	HC	1	DECODER	*push-pull output	2	6	26	8	5.2
74HC148	8-LINE TO 3-LINE PRIORITY ENCODERS	HC	1	ENCODER	*push-pull output	2	6	36	8	5.2
74HC157	QUADRUPL 2-LINE TO 1-LINE DATA SELECTORS / MULTIPLEXERS	HC	4	MULTIPLEXER	*multiplexer	2	6	29	8	7.8
74HC164	8-BIT SERIAL-IN AND PARALLEL-OUT SHIFT REGISTER	HC	1	REGISTER	*push-pull output	2	6	29	8	5.2
74HC165	8-BIT PARALLEL-LOAD SHIFT REGISTER	HC	1	REGISTER	*push-pull output	2	6	26	8	5.2
74HC238	3 TO 8 LINE DECODER/DEMULTIPLEXER	HC	1	DEMULTIPLEXER	*push-pull output	2	6	26	8	5.2
74HC240	OCTAL BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS	HC	8	BUFFER	*3-state output *OE pin	2	6	17	8	7.8
74HC244	OCTAL BUFFER AND LINE DRIVER WITH 3-STATE OUTPUT	HC	8	BUFFER	*3-state output *OE pin	2	6	20	8	7.8
74HC245	OCTAL BUS TRANSCEIVERS WITH 3-STATE OUTPUTS	HC	8	TRANSCEIVER	*3-state output *OE pin *DIR pin	2	6	18	8	7.8
74HC273	OCTAL D-TYPE FLIP-FLOPS WITH CLEAR	HC	8	D-TYPE FLIP-FLOP	*push-pull output *CLR pin	2	6	27	8	5.2
74HC373	OCTAL D-TYPE TRANSPARENT LATCH	HC	8	D-TYPE LATCH	*3-state output *OE pin *LE pin	2	6	26	8	7.8
74HC374	OCTAL EDGE-TRIGGERED D-TYPE FLIP-FLOPS WITH 3-STATE OUTPUTS	HC	8	D-TYPE FLIP-FLOP	*3-state output *OE pin	2	6	26	8	7.8
74HC377	OCTAL D-TYPE FLIP-FLOPS WITH CLOCK ENABLE	HC	8	D-TYPE FLIP-FLOP	*push-pull output *OE pin	2	6	27	8	5.2
74HC540	OCTAL BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS	HC	8	BUFFER	*3-state output *OE pin	2	6	26	8	7.8
74HC541	OCTAL BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS	HC	8	BUFFER	*3-state output *OE pin	2	6	20	8	7.8
74HC563	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	HC	8	D-TYPE LATCH	*3-state output *OE pin *LE pin	2	6	30	8	7.8
74HC564	OCTAL D-TYPE EDGE-TRIGGERED FLIP-FLOPS WITH 3-STATE OUTPUTS	HC	8	D-TYPE FLIP-FLOP	*3-state output *OE pin	2	6	31	8	7.8
74HC573	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	HC	8	D-TYPE LATCH	*3-state output *OE pin *LE pin	2	6	30	8	7.8
74HC574	OCTAL EDGE-TRIGGERED D-TYPE FLIP-FLOPS WITH 3-STATE OUTPUTS	HC	8	D-TYPE FLIP-FLOP	*3-state output *OE pin	2	6	31	8	7.8
74HC590	8-BIT BINARY COUNTERS WITH 3-STATE OUTPUT REGISTERS	HC	1	COUNTER	*3-state output *OE pin *CLR pin	2	6	51	8	7.8
74HC594	8-BIT SERIAL-IN SHIFT REGISTER WITH OUTPUT REGISTERS	HC	1	REGISTER	*push-pull output *CLR pin	2	6	34	8	7.8
74HC595A	8-BIT SERIAL-IN SHIFT REGISTER WITH LATCHED 3-STATE PARALLEL OUTPUTS, PROVIDING SERIAL OUTPUT	HC	1	REGISTER	*3-state output *OE pin *CLR pin	2	6	24	4	5.2

Logic & Voltage Translators > 74HC/HCT Family

Part No. (有源方式)	Description	Technology family (有源方式)	Number of channels (有源方式)	Sub family (有源方式)	Function (有源方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{cc} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)
74HC595A-0	8-BIT SERIAL-IN SHIFT REGISTER WITH LATCHED 3-STATE PARALLEL OUTPUTS, PROVIDING SERIAL OUTPUT	HC	1	REGISTER	*3-state output *OE pin *CLR pin	2	6	24	4	5.2
74HC595B	8-BIT SERIAL-IN SHIFT REGISTER WITH LATCHED 3-STATE PARALLEL OUTPUTS, PROVIDING SERIAL OUTPUT	HC	1	REGISTER	*3-state output *TTL *OE pin	2	6	34	4	5.2
74HC640	OCTAL BUS TRANSCEIVERS WITH 3-STATE OUTPUTS	HC	8	TRANSCEIVER	*3-state output *OE pin *DIR pin	2	6	18	8	7.8
74HC640A	12-BIT ASYNCHRONOUS BINARY COUNTERS	HC	1	COUNTER	*push-pull output *CLR pin	2	6	17	8	5.2
74HC4046A	PHASE LOCKED LOOP WITH VCO	HC	1	PHASE LOCKED LOOP	*push-pull output	2	6	58	8	5.2
74HC4049	HEX INVERTING HIGH-TO-LOW LEVEL SHIFTER	HC	6	INVERTER	*push-pull output	2	6	14	2	5.2
74HC4051	8-CHANNEL ANALOG MULTIPLEXER/ DEMULTIPLEXER	HC	1	MULTIPLEXER	*multiplexer	2	10	10	16	-
74HC4052	DUAL 4-CHANNEL ANALOG MULTIPLEXER, DEMULTIPLEXER	HC	2	MULTIPLEXER	*multiplexer	2	10	13	160	-
74HC4053	TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/ DEMULTIPLEXER	HC	3	MULTIPLEXER	*multiplexer	2	10	10	16	1
74HC4060	14-STAGE ASYNCHRONOUS BINARY COUNTERS AND OSCILLATORS	HC	1	COUNTER	*push-pull output *CLR pin	2	6	105	8	5.2
74HC4066	QUAD BILATERAL SWITCHES	HC	4	SWITCH	*switch *OE pin	2	10	10	40	-
74HC4094	8-STAGE SHIFT & STORE BUS REGISTER	HC	1	REGISTER	*3-state output *OE pin	2	6	23	4	5.2
74HC4316A	QUAD SINGLE-POLE SINGLE-THROW ANALOG SWITCH	HC	4	SWITCH	*Single-Pole Double-Throw (SPDT) Switch *OE pin *Select input	2	10	8	16	1
74HC1096	SINGLE INVERTER WITH OPEN-DRAIN OUTPUTS	HC	1	INVERTER	*open-drain output	2	6	6	1	5.2
74HC1096	BILATERAL SWITCH	HC	1	SWITCH	*switch *OE pin	2	10	10	20	-
74HC3300	2-INPUT NAND GATE	HC	2	NAND GATE	*push-pull output	2	6	16	10	5.2
74HC3302	2-INPUT NOR GATE	HC	2	NOR GATE	*push-pull output	2	6	20	10	5.2
74HC3308	2-INPUT AND GATE	HC	2	AND GATE	*push-pull output	2	6	16	10	5.2
74HC3332	2-INPUT OR GATE	HC	2	OR GATE	*push-pull output	2	6	20	10	5.2
74HC30125	DUAL BUFFER/LINE DRIVER, 3-STATE	HC	2	BUFFER	*3-state output *OE pin	2	6	20	1	7.8
74HC700	QUADRUPLE 2-INPUT NAND GATE	HCT	4	NAND GATE	*push-pull output *TTL	4.5	5.5	18	2	4
74HC704	HEX INVERTERS	HCT	6	INVERTER	*push-pull output *TTL	4.5	5.5	18	2	4
74HC708	QUAD 2-INPUT AND GATES	HCT	4	AND GATE	*push-pull output *TTL	4.5	5.5	22	2	4
74HC714	HIGH-SPEED CMOS LOGIC HEX INVERTING SCHMITT TRIGGER	HCT	6	INVERTER	*push-pull output *TTL *schmitt-trigger	4.5	5.5	30	2	4
74HC720	DUAL 4-INPUT NAND GATES	HCT	2	NAND GATE	*push-pull output *TTL	4.5	5.5	28	2	4
74HC721	DUAL 4-INPUT AND GATES	HCT	2	AND GATE	*push-pull output *TTL	4.5	5.5	27	2	4
74HC773	DUAL J-K FLIP-FLOPS WITH CLEAR AND PRESET	HCT	2	J-K FLIP-FLOP	*push-pull output *TTL *CLR pin	4.5	5.5	31	4	4
74HC7125	QUADRUPLE BUS BUFFER GATES WITH 3-STATE OUTPUTS	HCT	4	BUFFER	*3-state output *TTL *OE pin	4.5	5.5	23	8	6
74HC7138	3-TO-8 LINE DECODERS / DEMULTIPLEXERS	HCT	1	DECODER	*push-pull output *TTL	4.5	5.5	32	8	4
74HC7165	8-BIT PARALLEL-LOAD SHIFT REGISTER	HCT	1	REGISTER	*push-pull output *TTL	4.5	5.5	40	8	4
74HC7245	OCTAL BUS TRANSCEIVERS WITH 3-STATE OUTPUTS	HCT	8	TRANSCEIVER	*3-state output *TTL *OE pin *DIR pin	4.5	5.5	27	8	6
74HC7373	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	HCT	8	D-TYPE LATCH	*3-state output *TTL *OE pin *LE pin	4.5	5.5	32	8	6
74HC7374	OCTAL EDGE-TRIGGERED D-TYPE FLIP-FLOPS WITH 3-STATE OUTPUTS	HCT	8	D-TYPE FLIP-FLOP	*3-state output *TTL *OE pin	4.5	5.5	32	8	6
74HC7541	OCTAL BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS	HCT	8	BUFFER	*3-state output *TTL *OE pin	4.5	5.5	33	4	6

Logic & Voltage Translators > 74HC/HCT Family

Part No. (每道方式)	Description	Technology family (每道方式)	Number of channels (每道方式)	Sub family (每道方式)	Function (每道方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{cc} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)
U74K7563	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	HCT	8	D-TYPE LATCH	*3-state output *TTL *OE pin *LE pin	4.5	5.5	35	8	6
U74K7564	OCTAL D-TYPE FLIP-FLOP; POSITIVE-EDGE TRIGGER; 3-STATE; INVERTING	HCT	8	D-TYPE FLIP-FLOP	*3-state output *TTL *OE pin	4.5	5.5	35	8	6
U74K7573	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	HCT	8	D-TYPE LATCH	*3-state output *TTL *OE pin *LE pin	4.5	5.5	35	8	6
U74K7574	OCTAL D-TYPE EDGE-TRIGGER FLIP-FLOP WITH 3-STATE OUTPUT	HCT	8	D-TYPE FLIP-FLOP	*3-state output *TTL *OE pin	4.5	5.5	33	8	6
U74K7595	8-BIT SHIFT REGISTERS WITH LATCHED 3-STATE OUTPUT REGISTERS	HCT	1	REGISTER	*3-state output *TTL *OE pin *CLR pin	4.5	5.5	40	8	6
U74K7640	OCTAL BUS TRANSCEIVERS WITH 3-STATE OUTPUTS	HCT	8	TRANSCEIVER	*3-state output *TTL *OE pin *DIR pin	4.5	5.5	21	8	6
U74K7400	12-BIT ASYNCHRONOUS BINARY COUNTERS	HCT	1	COUNTER	*push-pull output *TTL *CLR pin	4.5	5.5	17	8	4
U74K74066	QUAD BILATERAL SWITCH	HCT	4	SWITCH	*switch *TTL *OE pin	4.5	5.5	15	20	-
U74K74094	8-STAGE SHIFT&STORE BUS REGISTER	HCT	1	REGISTER	*3-state output *TTL *OE pin	4.5	5.5	39	4	4
U74K77046	PHASE LOCKED LOOP WITH VCO & LOCK DETECTOR	HCT	1	PHASE LOCKED LOOP	*push-pull output	4.5	5.5	40	8	4
U74K71066	BILATERAL SWITCH	HCT	1	SWITCH	*switch *TTL *OE pin	4.5	5.5	15	10	-
U74K73004	INVERTER	HCT	3	INVERTER	*push-pull output *TTL	4.5	5.5	23	10	4
U74K73006	INVERTER	HCT	3	INVERTER	*open-drain output *TTL	4.5	5.5	24	10	-
U74K73007	BUFFER WITH OPEN-DRAIN OUTPUTS	HCT	3	BUFFER	*open-drain output *TTL	4.5	5.5	26	10	4
U74K73014	TRIPLE INVERTER SCHMITT-TRIGGER	HCT	3	INVERTER	*push-pull output *TTL *schmitt-trigger	4.5	5.5	32	1	4
U74K73034	TRIPLE BUFFER GATE	HCT	3	BUFFER	*push-pull output *TTL	4.5	5.5	23	10	4

Package (封装方式)
DIP-14 SOP-14 TSSOP-14
DIP-14 SOP-14 TSSOP-14
DIP-14 SOP-14 TSSOP-14 QFN-14(2.5X3.0)
SOP-14 TSSOP-14
DIP-14 SOP-14 TSSOP-14
DIP-14 SOP-14 TSSOP-14
SOP-14 TSSOP-14
SOP-14 TSSOP-14
DIP-14 SOP-14 TSSOP-14
SOP-14 TSSOP-14
SOP-14 TSSOP-14 DIP-14
SOP-14 TSSOP-14
SOP-16 TSSOP-16
DIP-16 SOP-16 SSOP-16 TSSOP-16
SOP-16 TSSOP-16
SOP-16 TSSOP-16
DIP-14 SOP-14 TSSOP-14
SOP-16 TSSOP-16
TSSOP-16
SOP-20 SSOP-20 TSSOP-20
DIP-20 SOP-20 SSOP-20 TSSOP-20
DIP-20 SOP-20 SSOP-20 TSSOP-20
DIP-20 SOP-20 SSOP-20 TSSOP-20
DIP-20 SOP-20 SSOP-20 TSSOP-20
SOP-20 SSOP-20 TSSOP-20
SOP-20 TSSOP-20
DIP-20 SOP-20 TSSOP-20
SOP-20 TSSOP-20
TSSOP-20 SOP-20
TSSOP-20
DIP-20 SOP-20 SSOP-20 TSSOP-20
DIP-20 SOP-20 SSOP-20 TSSOP-20
SOP-16 TSSOP-16
SOP-16 TSSOP-16
DIP-16 SOP-16 SOP-16N SSOP-16 SSOP-16N TSSOP-16

Package (封装方式)
SOP-16 SSOP-16 TSSOP-16
SOP-16 SSOP-16 TSSOP-16
SSOP-20
SOP-16
SOP-16 TSSOP-16
SOP-16 TSSOP-16
DIP-16 SOP-16 TSSOP-16
DIP-16 SOP-16 TSSOP-16 QFN-16(3x3)
DIP-16 SOP-16 TSSOP-16
DIP-16 SOP-16 TSSOP-16
SOP-14 TSSOP-14
SOP-14 TSSOP-14
SOP-16 TSSOP-16 DIP-16
SOP-16
SOT-23-5 SOT-353
SOT-25 SPT-353
MSOP-8
MSOP-8
MSOP-8
MSOP-8
TSSOP-8 MSOP-8
SOP-14
SOP-14 TSSOP-14 DIP-14
SOP-14 TSSOP-14
DIP-14 SOP-14 TSSOP-14
TSSOP-14
TSSOP-14
SOP-14 TSSOP-14
SOP-14 TSSOP-14
SOP-16 SSOP-16 TSSOP-16
SOP-16 TSSOP-16
DIP-20 SOP-20 SSOP-20 TSSOP-20
DIP-20 TSSOP-20 SOP-20
DIP-20 TSSOP-20
DIP-20 TSSOP-20 SOP-20

Package (封装方式)
DIP-20 TSSOP-20
TSSOP-20
SOP-20 TSSOP-20
SOP-20 TSSOP-20
SOP-16 TSSOP-16
DIP-20 SOP-20 SSOP-20 TSSOP-20
SOP-16
SOP-14 TSSOP-14
DIP-16 TSSOP-16
SOP-16 TSSOP-16
SOT-25
TSSOP-8 MSOP-8
TSSOP-8
TSSOP-8 MSOP-8
SOP-8 TSSOP-8 MSOP-8
TSSOP-8 MSOP-8

Logic & Voltage Translators > 74AC/ACT/AHC/AHCT Family

Part No. (封装方式)	Description	Technology family (封装方式)	Number of channels (封装方式)	Sub family (封装方式)	Function (封装方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{CC} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)	Package (封装方式)
U74AC00	QUADRUPL 2-INPUT POSITIVE-NAND GATES	AC	4	NAND GATE	*push-pull output	2	6	8	2	75	SOP-14 TSSOP-14
U74AC02	QUADRUPL 2-INPUT POSITIVE-NOR GATES	AC	4	NOR GATE	*push-pull output	2	6	8.5	2	24	DIP-14 SOP-14 TSSOP-14
U74AC04	HEX INVERTERS	AC	6	INVERTER	*push-pull output	2	6	7	2	24	SOP-14 TSSOP-14
U74AC08	QUADRUPL 2-INPUT POSITIVE-AND GATES	AC	4	AND GATE	*push-pull output	2	6	7.5	2	24	DIP-14 SOP-14 TSSOP-14
U74AC14	HEX SCHMITT-TRIGGER INVERTER	AC	6	INVERTER	*push-pull output *schmitt-trigger	2	6	10	2	24	SOP-14 TSSOP-14
U74AC32	QUADRUPL 2-INPUT POSITIVE-OR GATE	AC	4	OR GATE	*push-pull output	2	6	7.5	2	24	SOP-14 TSSOP-14
U74AC74	DUAL POSITIVE-EDGE-TRIGGERED D-TYPE FLIP-FLOP WITH CLEAR AND PRESET	AC	2	D-TYPE FLIP-FLOP	*push-pull output *CLR pin	2	6	10	2	24	SOP-14
U74AC86	QUADRUPL 2-INPUT EXCLUSIVE-OR GATES	AC	4	XOR GATE	*push-pull output	2	6	8.5	2	24	DIP-14 SOP-14 TSSOP-14
U74ACT40	OCTAL BUFFERS/DRIVERS WITH 3-STATE OUTPUTS	AC	8	BUFFER	*3-state output *OE pin	2	6	6	4	24	TSSOP-20
U74ACT44	OCTAL BUFFERS/DRIVERS WITH 3-STATE OUTPUTS	AC	8	BUFFER	*3-state output *OE pin	2	6	7	4	24	TSSOP-20
U74ACT00	QUADRUPL 2-INPUT POSITIVE-NAND GATES	ACT	4	NAND GATE	*push-pull output *TTL	4.5	5.5	9	2	24	SOP-14
U74ACT02	QUADRUPL 2-INPUT POSITIVE-NOR GATES	ACT	4	NOR GATE	*push-pull output *TTL	4.5	5.5	9	2	24	TSSOP-14 SOP-14
U74ACT04	HEX INVERTERS	ACT	6	INVERTER	*push-pull output *TTL	4.5	5.5	8.5	2	24	DIP-14 SOP-14 TSSOP-14
U74ACT08	QUAD 2-INPUT AND GATE	ACT	4	AND GATE	*push-pull output *TTL	4.5	5.5	9	4	24	DIP-14 SOP-14 TSSOP-14
U74ACT14	HEX SCHMITT-TRIGGER INVERTERS	ACT	6	INVERTER	*push-pull output *TTL	4.5	5.5	11	2	24	DIP-14 SOP-14 TSSOP-14
U74ACT32	QUADRUPL 2-INPUT POSITIVE-OR GATES	ACT	4	OR GATE	*push-pull output *TTL	4.5	5.5	9	2	24	TSSOP-14 SOP-14
U74ACT86	QUAD EXCLUSIVE OR GATE	ACT	4	XOR GATE	*push-pull output *TTL	4.5	5.5	9.5	2	24	DIP-14 SOP-14 TSSOP-14
U74ACT125	QUAD BUFFER WITH 3-STATE OUTPUTS	ACT	2	BUFFER	*3-state output *TTL *OE pin	4.5	5.5	9	4	24	SOP-14 TSSOP-14
U74ACT240	OCTAL BUFFERS/DRIVERS WITH 3-STATE OUTPUTS	ACT	8	BUFFER	*3-state output *TTL *OE pin	4.5	5.5	8.5	4	24	TSSOP-20
U74ACT244	OCTAL BUFFERS AND DRIVERS WITH 3-STATE OUTPUTS	ACT	8	BUFFER	*3-state output *TTL *OE pin	4.5	5.5	9	4	75	SOP-20 SSOP-20 TSSOP-20
U74AHC00	QUADRUPL 2-INPUT POSITIVE-NAND GATES	AHC	4	NAND GATE	*push-pull output	2	5.5	7.5	2	8	SOP-14 TSSOP-14
U74AHC02	2-INPUT NOR GATE	AHC	4	NOR GATE	*push-pull output	2	5.5	7.5	2	8	SOP-14 TSSOP-14
U74AHC04	HEX INVERTER	AHC	6	INVERTER	*push-pull output	2	5.5	7.5	2	8	SOP-14 TSSOP-14
U74AHC06	INVERTER WITH OPEN-DRAIN OUTPUT	AHC	6	INVERTER	*open-drain output	2	5.5	7	2	-	SOP-14
U74AHC07	NON-INVERT BUFFERS WITH OPEN-DRAIN OUTPUT	AHC	6	BUFFER	*open-drain output	2	5.5	7.5	1	8	SOP-14 TSSOP-14
U74AHC08	QUADRUPL 2-INPUT POSITIVE-AND GATES	AHC	4	AND GATE	*push-pull output	2	5.5	9	2	8	SOP-14 TSSOP-14
U74AHC14	HEX SCHMITT-TRIGGER INVERTERS	AHC	6	INVERTER	*push-pull output *schmitt-trigger	2	5.5	10.6	2	8	SOP-14 TSSOP-14
U74AHC17	HEX SCHMITT-TRIGGER BUFFERS	AHC	6	BUFFER	*push-pull output *schmitt-trigger	2	5.5	10.6	2	8	SOP-14
U74AHC20	DUAL 4-INPUT NAND GATES	AHC	2	NAND GATE	*push-pull output	2	5.5	7.9	2	8	SOP-14 TSSOP-14
U74AHC21	DUAL 4-INPUT AND GATES	AHC	2	AND GATE	*push-pull output	2	5.5	7.9	2	8	SOP-14 TSSOP-14
U74AHC32	QUADRUPL 2-INPUT POSITIVE-OR GATES	AHC	4	OR GATE	*push-pull output	2	5.5	7.5	2	8	SOP-14 TSSOP-14
U74AHC34	NON-INVERT BUFFER	AHC	6	BUFFER	*push-pull output	2	5.5	7.5	2	8	SOP-14
U74AHC86	QUADRUPL 2-INPUT EXCLUSIVE-OR GATES	AHC	4	XOR GATE	*push-pull output	2	5.5	8.8	2	8	SOP-14 TSSOP-14 QFN-14(2.5X3.0)
U74AHC125	QUADRUPL BUS BUFFER GATE WITH 3-STATE OUTPUTS	AHC	4	BUFFER	*3-state output *OE pin	2	5.5	11.5	4	8	SOP-14 TSSOP-14
U74AHC126	QUADRUPL BUS BUFFER GATES WITH 3-STATE OUTPUTS	AHC	4	BUFFER	*3-state output *OE pin	2	5.5	6.5	4	8	SOP-14 TSSOP-14
U74AHC132	QUADRUPL POSITIVE-NAND GATES WITH SCHMITT-TRIGGER INPUTS	AHC	4	NAND GATE	*push-pull output *schmitt-trigger	2	5.5	9.7	2	8	SOP-14 TSSOP-14

Logic & Voltage Translators > 74AC/ACT/AHC/AHCT Family

Part No. (勾選方式)	Description	Technology family (勾選方式)	Number of channels (勾選方式)	Sub family (勾選方式)	Function (勾選方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{CC} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)	Package (勾選方式)
U74AKC157	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTORS / MULTIPLEXERS	AHC	4	MULTIPLEXER	*multiplexer	2	5.5	10.6	4	8	TSSOP-16
U74AKC158	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTORS/MULTIPLEXERS	AHC	4	MULTIPLEXER	*multiplexer	2	5.5	10.6	4	8	TSSOP-16
U74AKC164	8-BIT SERIAL-PARALLEL-OUT SHIFT REGISTER	AHC	1	REGISTER	*push-pull output	2	5.5	11	4	8	SOP-14 TSSOP-14
U74AKC245	OCTAL BUS TRANSCEIVERS WITH 3-STATE OUTPUTS	AHC	8	TRANSCEIVER	*3-state output *OE pin *DIR pin	2	5.5	7.5	4	8	SOP-20 SSOP-20 TSSOP-20 DIP-20
U74AKC373	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	AHC	8	D-TYPE LATCH	*3-state output *OE pin *LE pin	2	5.5	10.1	4	8	SSOP-20 TSSOP-20
U74AKC374	OCTAL EDGE-TRIGGERED D-TYPE FLIP-FLOPS WITH 3-STATE OUTPUTS	AHC	8	D-TYPE FLIP-FLOP	*3-state output *OE pin	2	5.5	10.1	4	8	TSSOP-20
U74AKC377	OCTAL D-TYPE FLIP-FLOPS WITH DATA ENABLE POSITIVE-EDGE TRIGGER	AHC	8	D-TYPE FLIP-FLOP	*push-pull output *OE pin	2	5.5	10.5	4	8	SOP-20 SSOP-20 TSSOP-20
U74AKC541	OCTAL BUFFERS/DRIVERS WITH 3-STATE OUTPUTS	AHC	8	BUFFER	*3-state output *OE pin	2	5.5	8	4	8	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74AKC573	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	AHC	8	D-TYPE LATCH	*3-state output *OE pin *LE pin	2	5.5	8.8	4	8	TSSOP-20
U74AKC574	OCTAL EDGE-TRIGGERED D-TYPE FLIP-FLOPS WITH 3-STATE OUTPUTS	AHC	8	D-TYPE FLIP-FLOP	*3-state output *OE pin	2	5.5	10.6	4	8	TSSOP-20
U74AKC595	8-BIT SHIFT REGISTER WITH 3-STATE OUTPUT REGISTERS	AHC	1	REGISTER	*3-state output *OE pin *CLR pin	2	5.5	11	4	8	SOP-16 SSOP-16 TSSOP-16
U74AKC595-Q	8-BIT SHIFT REGISTER WITH 3-STATE OUTPUT REGISTERS	AHC	1	REGISTER	*3-state output *OE pin *CLR pin	2	5.5	12	4	8	SOP-16 TSSOP-16
U74AKC595B	8-BIT SHIFT REGISTER WITH 3-STATE OUTPUT REGISTERS	AHC	1	REGISTER	*3-state output *OE pin	2	5.5	12	4	8	DIP-16 TSSOP-16
U74AKC6066	QUADRUPLE BILATERAL ANALOG SWITCH	AHC	4	SWITCH	*switch *OE pin	2	5.5	6	2	-	SOP-14 TSSOP-14
U74AKC1000	2-INPUT NAND GATE	AHC	1	NAND GATE	*push-pull output	2	5.5	11.4	1	8	SOT-25 SOT-23-5 SOT-353
U74AKC1002	2-INPUT NOR GATE	AHC	1	NOR GATE	*push-pull output	2	5.5	7.5	1	8	SOT-25 SOT-23-5 SOT-353
U74AKC1004	SINGLE INVERTER GATE	AHC	1	INVERTER	*push-pull output	2	5.5	7.5	1	8	SOT-25 SOT-23-5 SOT-353
U74AKC1006	INVERTER WITH OPEN-DRAIN OUTPUT	AHC	1	INVERTER	*open-drain output	2	5.5	7	1	-	SOT-23-5 SOT-353
U74AKC1007	BUFFER WITH OPEN-DRAIN OUTPUT	AHC	1	BUFFER	*open-drain output	2	5.5	7.5	1	8	SOT-23-5 SOT-353
U74AKC1008	2-INPUT AND GATE	AHC	1	AND GATE	*push-pull output	2	5.5	7.9	1	8	SOT-25 SOT-23-5 SOT-353
U74AKC1009	2-INPUT AND GATE WITH OPEN DRAIN OUTPUT	AHC	1	AND GATE	*open-drain output	2	5.5	7.5	1	-	SOT-25 SOT-23-5 SOT-353
U74AKC1014	SINGLE SCHMITT-TRIGGER INVERTER GATE	AHC	1	INVERTER	*push-pull output *schmitt-trigger	2	5.5	10.6	1	8	SOT-25 SOT-23-5 SOT-353
U74AKC1032	SINGLE 2-INPUT POSITIVE-OR GATE	AHC	1	OR GATE	*push-pull output	2	5.5	7.5	1	8	SOT-25 SOT-23-5 SOT-353
U74AKC1034	SINGLE NON-INVERTING GATE	AHC	1	BUFFER	*push-pull output	2	5.5	7.5	10	8	SOT-23-5 SOT-353
U74AKC1066	BILATERAL SWITCH	AHC	1	SWITCH	*switch *OE pin	2	5.5	5	1	-	SOT-25 SOT-353
U74AKC1074	SINGLE POSITIVE-EDGE-TRIGGERED D-TYPE FLIP-FLOP WITH CLEAR AND PRESET	AHC	1	D-TYPE FLIP-FLOP	*push-pull output *CLR pin	2	5.5	9.3	2	8	SOP-8 TSSOP-8 MSOP-8
U74AKC1079	SINGLE POSITIVE-EDGE-TRIGGERED D-TYPE FLIP-FLOP	AHC	1	D-TYPE FLIP-FLOP	*push-pull output	2	5.5	8	1	8	SOT-25 SOT-23-5 SOT-353
U74AKC1086	2-INPUT EXCLUSIVE-OR GATE	AHC	1	XOR GATE	*push-pull output	2	5.5	8.8	1	8	SOT-25 SOT-23-5 SOT-353
U74AKC10125	SINGLE BUS BUFFER GATE WITH 3-STATE OUTPUT	AHC	1	BUFFER	*3-state output *OE pin	2	5.5	11	1	8	SOT-25 SOT-23-5 SOT-353
U74AKC10126	SINGLE BUS BUFFER GATE WITH 3-STATE OUTPUT	AHC	1	BUFFER	*3-state output *OE pin	2	5.5	11	1	8	SOT-23-5 SOT-353
U74AKC10132	SINGLE 2-INPUT NAND GATE WITH SCHMITT-TRIGGER INPUTS	AHC	1	NAND GATE	*push-pull output *schmitt-trigger	2	5.5	7.7	2	8	SOT-23-5 SOT-353
U74AKC2002	DUAL 2-INPUT NOR GATE	AHC	2	NOR GATE	*push-pull output	2	5.5	7.5	1	8	TSSOP-8
U74AKC2032	DUAL 2-INPUT OR GATE	AHC	2	OR GATE	*push-pull output	2	5.5	7.5	1	8	TSSOP-8
U74AKC20125	DUAL BUFFER/LINE DRIVER; 3-STATE OUTPUTS	AHC	2	BUFFER	*3-state output *OE pin	2	5.5	7.5	1	8	TSSOP-8
U74AKC20126	DUAL BUS BUFFER GATE WITH 3-STATE OUTPUTS	AHC	2	BUFFER	*3-state output *OE pin	2	5.5	8.5	2	8	TSSOP-8 MSOP-8
U74AKC3004	INVERTER	AHC	3	INVERTER	*push-pull output	2	5.5	7.5	10	8	SOP-8 TSSOP-8 MSOP-8

Logic & Voltage Translators > 74AC/ACT/AHC/AHCT Family

Part No. (勾選方式)	Description	Technology family (勾選方式)	Number of channels (勾選方式)	Sub family (勾選方式)	Function (勾選方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _Q (μ A) Max (Range)	Output Driver I _{out} (mA) Max (Range)	Package (勾選方式)
74AHC006	INVERTER WITH OPEN-DRAIN OUTPUT	AHC	3	INVERTER	*open-drain output	2	5.5	7	1	-	TSSOP-8
74AHC014	INVERTING SCHMITT TRIGGER	AHC	3	INVERTER	*push-pull output *schmitt-trigger	2	5.5	10.6	1	8	TSSOP-8 MSOP-8
74AHC017	NON-INVERTING SCHMITT TRIGGER	AHC	3	INVERTER	*push-pull output *schmitt-trigger	2	5.5	10.6	1	8	TSSOP-8
74AHC034	TRIPLE BUFFER GATE	AHC	3	BUFFER	*push-pull output	2	5.5	7.5	10	8	TSSOP-8
74AHC700	QUADRUPLE 2-INPUT POSITIVE-NAND GATE	AHCT	4	NAND GATE	*push-pull output *TTL	4.5	5.5	7.9	2	8	SOP-14
74AHC702	QUADRUPLE 2-INPUT POSITIVE-NOR GATES	AHCT	4	NOR GATE	*push-pull output *TTL	4.5	5.5	7.5	2	8	SOP-14
74AHC708	QUADRUPLE 2-INPUT POSITIVE-AND GATE	AHCT	4	AND GATE	*push-pull output *TTL	4.5	5.5	7.9	2	8	SOP-14 TSSOP-14
74AHC714	HEX SCHMITT-TRIGGER INVERTER	AHCT	6	INVERTER	*push-pull output *TTL *schmitt-trigger	4.5	5.5	8	2	8	SOP-14 TSSOP-14
74AHC732	QUADRUPLE 2-INPUT POSITIVE-OR GATES	AHCT	4	OR GATE	*push-pull output *TTL	4.5	5.5	7.9	2	8	SOP-14
74AHC734	HEX BUFFER	AHCT	6	BUFFER	*push-pull output *TTL	4.5	5.5	7.7	2	8	SOP-14
74AHC786	QUADRUPLE 2-INPUT EXCLUSIVE-OR GATE	AHCT	4	XOR GATE	*push-pull output *TTL	4.5	5.5	8.8	2	8	DIP-14 SOP-14
74AHC7125	QUADRUPLE BUS BUFFER GATES WITH 3-STATE OUTPUTS	AHCT	4	BUFFER	*3-state output *TTL *OE pin	4.5	5.5	8.5	2	8	SOP-14 TSSOP-14
74AHC7126	QUADRUPLE BUS BUFFER GATES WITH 3-STATE OUTPUTS	AHCT	4	BUFFER	*3-state output *TTL *OE pin	4.5	5.5	7.5	2	8	SOP-14 TSSOP-14
74AHC7132	QUADRUPLE POSITIVE-NAND GATES WITH SCHMITT-TRIGGER INPUTS	AHCT	4	NAND GATE	*push-pull output *TTL *schmitt-trigger	4.5	5.5	7	2	8	SOP-14
74AHC7157	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTOR/MULTIPLEXER	AHCT	4	MULTIPLEXER	*multiplexer *TTL	4.5	5.5	11	2	8	TSSOP-16
74AHC7158	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTORS/MULTIPLEXERS	AHCT	4	MULTIPLEXER	*multiplexer *TTL	4.5	5.5	8.7	2	8	SOP-16 TSSOP-16
74AHC7273	OCTAL D-TYPE FLIP-FLOPS WITH CLEAR	AHCT	8	D-TYPE FLIP-FLOP	*push-pull output *TTL *CLK pin	4.5	5.5	11	4	8	DIP-20 SOP-20 TSSOP-20
74AHC7373	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	AHCT	8	D-TYPE LATCH	*3-state output *TTL *OE pin *LE pin	4.5	5.5	13.3	4	8	DIP-20 TSSOP-20
74AHC7374	OCTAL EDGE-TRIGGERED D-TYPE FLIP-FLOPS WITH 3-STATE OUTPUTS	AHCT	8	D-TYPE FLIP-FLOP	*3-state output *TTL *OE pin	4.5	5.5	9.4	4	8	DIP-20 TSSOP-20
74AHC74066	QUADRUPLE BILATERAL ANALOG SWITCH	AHCT	4	SWITCH	*switch *TTL *OE pin	4.5	5.5	6.5	2	-	SOP-14
74AHC71000	2-INPUT NAND GATE	AHCT	1	NAND GATE	*push-pull output *TTL	4.5	5.5	7.9	1	8	SOT-25 SOT-23-5 SOT-353
74AHC71002	2-INPUT NOR GATE	AHCT	1	NOR GATE	*push-pull output *TTL	4.5	5.5	7.5	1	8	SOT-25 SOT-23-5 SOT-353
74AHC71004	SINGLE INVERTER GATE	AHCT	1	INVERTER	*push-pull output *TTL	4.5	5.5	7.7	1	8	SOT-25 SOT-23-5 SOT-353
74AHC71008	2-INPUT AND GATE	AHCT	1	AND GATE	*push-pull output *TTL	4.5	5.5	7.9	1	8	SOT-25 SOT-23-5 SOT-353
74AHC71014	SINGLE SCHMITT-TRIGGER INVERTER	AHCT	1	INVERTER	*push-pull output *TTL *schmitt-trigger	4.5	5.5	13	1	8	SOT-25 SOT-23-5 SOT-353
74AHC71032	SINGLE 2-INPUT POSITIVE-OR GATE	AHCT	1	OR GATE	*push-pull output *TTL	4.5	5.5	7.9	1	8	SOT-25 SOT-353
74AHC71066	BILATERAL SWITCH	AHCT	1	SWITCH	*switch *TTL *OE pin	4.5	5.5	1	1	-	SOT-25 SP7-353
74AHC71086	2-INPUT EXCLUSIVE-OR GATE	AHCT	1	XOR GATE	*push-pull output *TTL	4.5	5.5	7.9	1	8	SOT-25 SOT-353
74AHC710125	SINGLE BUS BUFFER GATE WITH 3-STATE OUTPUT	AHCT	1	BUFFER	*3-state output *TTL *OE pin	4.5	5.5	9	1	8	SOT-25 SOT-23-5 SOT-353
74AHC710126	SINGLE BUS BUFFER GATE WITH 3-STATE OUTPUT	AHCT	1	BUFFER	*3-state output *TTL *OE pin	4.5	5.5	8.8	1	8	SOT-25 SOT-353
74AHC73004	INVERTER	AHCT	3	INVERTER	*push-pull output *TTL	4.5	5.5	7.7	1	8	TSSOP-8 MSOP-8
74AHC73006	INVERTER WITH OPEN-DRAIN OUTPUT	AHCT	3	INVERTER	*open-drain output *TTL	4.5	5.5	7.5	1	-	TSSOP-8
74AHC73014	SCHMITT-TRIGGER INVERTER	AHCT	3	INVERTER	*push-pull output *TTL *schmitt-trigger	4.5	5.5	8.5	1	8	TSSOP-8
74AHC73017	NON-INVERTING SCHMITT TRIGGER	AHCT	3	INVERTER	*push-pull output *TTL *schmitt-trigger	4.5	5.5	8.5	1	8	TSSOP-8
74AHC73034	TRIPLE BUFFER GATE	AHCT	3	BUFFER	*push-pull output *TTL	4.5	5.5	7.7	1	8	TSSOP-8
74AHC70732	SINGLE 2-INPUT OR GATE	VHC	1	OR GATE	*push-pull output *TTL	2	5.5	9.5	1	8	SOT-25 SOT-353

Logic & Voltage Translators > 74LCX/LV/LVC/LVX Family

Part No. (勾選方式)	Description	Technology family (勾選方式)	Number of channels (勾選方式)	Sub family (勾選方式)	Function (勾選方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{tr} (nS) Max (Range)	I _{cc} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)	Package (勾選方式)
U74LCX74	LOW VOLTAGE DUAL D-TYPE POSITIVE EDGE-TRIGGERED FLIP-FLOP WITH 5V TOLERANT INPUTS	LCX	2	D-TYPE FLIP-FLOP	*push-pull output *Ioff supports partial-power-down mode operation	2	3.6	7	10	24	TSSOP-14
U74LV00	QUADRUPLE 2-INPUT NAND GATE	LV	4	NAND GATE	*push-pull output *Ioff supports partial-power-down mode operation	2	5.5	7.5	20	12	TSSOP-14
U74LV126A	QUADRUPLE BUS BUFFER GATES WITH 3-STATE OUTPUTS	LV	4	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	2	5.5	7.5	20	16	DIP-14 SOP-14 TSSOP-14
U74LV164	8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER	LV	1	REGISTER	*push-pull output *CLR pin *Ioff supports partial-power-down mode operation	2	5.5	12	20	12	TSSOP-14
U74LV108	SINGLE POWER SUPPLY 2-INPUT POSITIVE AND GATE CMOS LOGIC LEVEL SHIFTER	LV	1	AND GATE	*push-pull output *voltage-level translator	1.6	5.5	7	1	8	SOT-25 SOT-353
U74LV173Z	SINGLE POWER SUPPLY 2-INPUT POSITIVE OR GATE CMOS LOGIC LEVEL SHIFTER	LV	1	OR GATE	*push-pull output *Ioff supports partial-power-down mode operation *voltage-level translator	1.6	5.5	7	1	8	SOT-353
U74LV173A	SINGLE POWER SUPPLY SINGLE BUFFER GATE CMOS LOGIC LEVEL SHIFTER	LV	1	BUFFER	*push-pull output *voltage-level translator	1.6	5.5	7	1	8	SOT-25 SOT-23-5 SOT-353
U74LV4052	DUAL 4-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS	LV	2	MULTIPLEXER	*multiplexer *Ioff supports partial-power-down mode operation	2	5.5	6	20	-	SOP-16 TSSOP-16
U74LV3614	TRIPLE SCHMITT-TRIGGER INVERTER	LV	3	INVERTER	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	10.6	10	12	SOP-8
U74LVC00A	QUAD 2-INPUT NAND GATE	LVC	4	NAND GATE	*push-pull output	1.65	3.6	4.3	10	24	SOP-14 TSSOP-14
U74LVC02A	QUAD 2-INPUT POSITIVE-NOR GATE	LVC	4	NOR GATE	*push-pull output	1.65	3.6	4.4	10	24	SOP-14 TSSOP-14
U74LVC04A	HEX INVERTERS	LVC	6	INVERTER	*push-pull output	1.65	3.6	4.3	1	24	DIP-14 SOP-14 TSSOP-14
U74LVC06A	HEX INVERTER BUFFERS/DRIVERS WITH OPEN-DRAIN OUTPUTS	LVC	6	INVERTER	*open-drain output *Ioff supports partial-power-down mode operation	1.65	3.6	3.5	1	24	SOP-14 TSSOP-14
U74LVC07A	HEX BUFFERS WITH OPEN-DRAIN OUTPUTS	LVC	6	BUFFER	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	2.6	10	32	SOP-14 TSSOP-14
U74LVC08A	QUAD 2-INPUT AND GATE	LVC	4	AND GATE	*push-pull output	1.65	3.6	5.9	1	24	SOP-14 TSSOP-14
U74LVC09A	QUAD 2-INPUT NAND GATE WITH OPEN-DRAIN OUTPUT	LVC	4	NAND GATE	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	3.6	10	32	SOP-14 TSSOP-14
U74LVC14A	HEX SCHMITT-TRIGGER INVERTERS	LVC	6	INVERTER	*open-drain output *schmitt-trigger * Ioff supports partial-power-down mode operation	1.65	3.6	9	1	24	SOP-14 TSSOP-14
U74LVC17A	HEX SCHMITT-TRIGGER BUFFER	LVC	6	BUFFER	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	4.3	10	32	SOP-14 TSSOP-14
U74LVC32A	QUAD 2-INPUT POSITIVE-OR GATE	LVC	4	OR GATE	*push-pull output	1.65	3.6	3.8	10	24	SOP-14 TSSOP-14
U74LVC34A	HEX BUFFER	LVC	6	BUFFER	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.2	1	32	SOP-14 TSSOP-14
U74LVC74A	DUAL POSITIVE-EDGE-TRIGGERED D-TYPE FLIP-FLOPS WITH CLEAR AND PRESET	LVC	2	D-TYPE FLIP-FLOP	*push-pull output *CLR pin	1.65	3.6	5.4	10	24	SOP-14 TSSOP-14
U74LVC86A	QUAD 2-INPUT EXCLUSIVE OR GATE	LVC	4	XOR GATE	*push-pull output	1.65	3.6	4.4	1	24	SOP-14 TSSOP-14
U74LVC125A	QUADRUPLE BUS BUFFER GATE WITH 3-STATE OUTPUTS	LVC	4	BUFFER	*3-state output *OE pin	1.65	3.6	8	1	24	SOP-14 TSSOP-14
U74LVC126A	QUADRUPLE BUS BUFFER GATES WITH 3-STATE OUTPUTS	LVC	4	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	4.5	1	24	SOP-14 TSSOP-14
U74LVC138	3-LINE TO 8-LINE DECODERS DEMULTIPLEXERS	LVC	1	DECODER	*push-pull output	1.65	3.6	6.7	10	24	DIP-16 SOP-16 TSSOP-16
U74LVC157	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTORS/MULTIPLEXERS	LVC	4	MULTIPLEXER	*multiplexer *Ioff supports partial-power-down mode operation	1.65	3.6	5	1	24	SOP-16 TSSOP-16
U74LVC240	OCTAL BUFFER/DRIVER WITH 3-STATE OUTPUTS	LVC	8	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	6.5	10	24	SOP-20 TSSOP-20
U74LVC241	OCTAL BUFFER/DRIVER WITH 3-STATE OUTPUTS	LVC	8	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	6.1	10	24	SOP-20 TSSOP-20
U74LVC244	OCTAL BUFFER/DRIVER WITH 3-STATE OUTPUTS	LVC	8	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	7.4	1	24	DIP-20 SOP-20 TSSOP-20 SSOP-20
U74LVC244-Q	OCTAL BUFFER/DRIVER WITH 3-STATE OUTPUTS	LVC	4	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	6.6	1	24	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74LVC245	OCTAL BUS TRANSCIEVER WITH 3-STATE OUTPUTS	LVC	8	TRANSCIEVER	*3-state output *OE pin *DIR pin *Ioff supports partial-power-down mode operation	1.65	3.6	8.3	1	24	DIP-20 SOP-20 TSSOP-20 SSOP-20
U74LVC257	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTORS/MULTIPLEXERS 3-STATE OUTPUTS	LVC	4	MULTIPLEXER	*multiplexer *3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	4.6	10	24	SOP-16 TSSOP-16
U74LVC258	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTORS/MULTIPLEXERS 3-STATE OUTPUTS	LVC	4	MULTIPLEXER	*multiplexer *3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	4.6	10	24	SOP-16 TSSOP-16
U74LVC273	OCTAL D-TYPE FLIP-FLOP WITH CLEAR : POSITIVE-EDGE TRIGGER	LVC	8	D-TYPE FLIP-FLOP	*push-pull output *CLR pin *Ioff supports partial-power-down mode operation	1.65	3.6	6.8	10	24	SOP-20
U74LVC373	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	LVC	8	D-TYPE LATCH	*3-state output *OE pin *LE pin *Ioff supports partial-power-down mode operation	1.65	3.6	7.7	10	24	SSOP-20 TSSOP-20
U74LVC374	OCTAL EDGE-TRIGGERED D-TYPE FLIP-FLOPS WITH 3-STATE OUTPUTS	LVC	8	D-TYPE FLIP-FLOP	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	7.5	10	24	SOP-20 TSSOP-20

Logic & Voltage Translators > 74LCX/LV/LVC/LVX Family

Part No. (句選方式)	Description	Technology family (句選方式)	Number of channels (句選方式)	Sub family (句選方式)	Function (句選方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{cc} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)	Package (句選方式)
U74LVC540	OCTAL BUFFERS/DRIVERS WITH 3-STATE OUTPUTS	LVC	8	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	5.3	10	24	SSOP-20 TSSOP-20
U74LVC563	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	LVC	8	D-TYPE LATCH	*3-state output *OE pin *LE pin *Ioff supports partial-power-down mode operation	1.65	3.6	6.8	10	24	TSSOP-20
U74LVC573	OCTAL TRANSPARENT D-TYPE LATCHES WITH 3-STATE OUTPUTS	LVC	8	D-TYPE LATCH	*3-state output *OE pin *LE pin *Ioff supports partial-power-down mode operation	1.65	3.6	7.7	10	24	SSOP-20 TSSOP-20
U74LVC574*	OCTAL EDGE-TRIGGERED D-TYPE FLIP-FLOPS WITH 3-STATE OUTPUTS	LVC	8	D-TYPE FLIP-FLOP	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	7	10	24	SOP-20 SSOP-20 TSSOP-20
U74LVC640	OCTAL BUS TRANSCIVER WITH 3-STATE INVERTING OUTPUTS	LVC	8	TRANSCIVER	*3-state output *OE pin *DIR pin *Ioff supports partial-power-down mode operation	1.65	3.6	8.3	1	24	TSSOP-20
U74LVC827	10-BIT BUFFER/DRIVER WITH 3-STATE OUTPUTS	LVC	10	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	8.5	10	24	SSOP-24 TSSOP-24
U74LVC16244	16-BIT BUFFER/DRIVER WITH 3-STATE OUTPUTS	LVC	16	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	3.6	4.1	20	24	TSSOP-48
U74LVC1600	SINGLE 2-INPUT NAND GATE	LVC	1	NAND GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	4	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1602	SINGLE 2-INPUT NOR GATE	LVC	1	NOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	4	10	32	SOT-25 SOT-23-5 SOT-353 DFN1010-6
U74LVC1604	SINGLE INVERTER GATE	LVC	1	INVERTER	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	6	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1606	SINGLE INVERTER WITH OPEN-DRAIN OUTPUT	LVC	1	INVERTER	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	3	10	32	SOT-23-5 SOT-353 SOT-25
U74LVC1607	BUFFER/DRIVER WITH OPEN-DRAIN OUTPUT	LVC	1	BUFFER	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	6.6	10	32	SOT-23-5 SOT-23-5 SOT-353 X2DFN1010-6 SOT-353
U74LVC1608	2-INPUT AND GATE	LVC	1	AND GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	7	10	32	SOT-23-5 SOT-353 DFN1010-6 SOT-353
U74LVC1609	SINGLE 2-INPUT POSITIVE-AND GATE WITH OPEN-DRAIN OUTPUT	LVC	1	AND GATE	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	3.9	10	32	SOT-23-5 SOT-353
U74LVC1610	SINGLE 3-INPUT POSITIVE-NAND GATE	LVC	1	NAND GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.6	10	32	SOT-26 SOT-363
U74LVC1611	SINGLE 3-INPUT POSITIVE-AND GATE	LVC	1	AND GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.5	10	32	SOT-26 SOT-363
U74LVC1614	SINGLE SCHMITT-TRIGGER INVERTER	LVC	1	INVERTER	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	6	10	32	SOT-25 SOT-23-5 SOT-353 SOP-553
U74LVC1617	SINGLE SCHMITT-TRIGGER BUFFER	LVC	1	BUFFER	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	8.3	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1618	1-OF-2 NON-INVERTING DEMULTIPLEXER WITH 3-STATE DESELECTED OUTPUT	LVC	1	INVERTER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	3.2	10	32	SOT-26 SOT-363
U74LVC1619	1-OF-2 DECODER/DEMULTIPLEXER	LVC	1	DECODER	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.9	10	32	SOT-26 SOT-363
U74LVC1627	SINGLE 3-INPUT POSITIVE-NOR GATE	LVC	1	NOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	5.5	10	32	SOT-363
U74LVC1632	SINGLE 2-INPUT POSITIVE-OR GATE	LVC	1	OR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	6	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1634	SINGLE BUFFER GATE	LVC	1	BUFFER	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.2	10	32	SOT-25 SOT-353
U74LVC1657	MULTIPLE-FUNCTION GATE	LVC	1	MULTIPLEXER	*multiplexer *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	5.1	10	32	SOT-36 SOT-23-6 SOT-363
U74LVC1658	MULTIPLE-FUNCTION GATE	LVC	1	MULTIPLEXER	*multiplexer *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	5.1	10	32	SOT-363
U74LVC1666	SINGLE BILATRAL ANALOG SWITCH	LVC	1	SWITCH	*switch *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	2	1	32	SOT-25 SOT-23-5 SOT-353
U74LVC1674	SINGLE POSITIVE-EDGE-TRIGGERED D-TYPE FLIP-FLOP WITH CLEAR AND PRESET	LVC	1	D-TYPE FLIP-FLOP	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	6.1	10	32	SOP-8 MSOP-8 CDFN2030-8 DFN2030-8
U74LVC1679	SINGLE POSITIVE-EDGE-TRIGGERED D-TYPE FLIP-FLOP	LVC	1	D-TYPE FLIP-FLOP	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	4.5	10	32	SOT-23-5 SOT-353
U74LVC1686	SINGLE 2-INPUT EXCLUSIVE-OR GATE	LVC	1	XOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.3	10	32	SOT-25 SOT-353 X2DFN1010-6 SOT-353
U74LVC1697	CONFIGURABLE MULTIPLE-FUNCTION GATE	LVC	1	MULTIPLEXER	*multiplexer *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	5.1	10	32	SOT-363
U74LVC1699	ULTRA-CONFIGURABLE MULTIPLE-FUNCTION GATE WITH 3-STATE OUTPUT	LVC	1	MULTIPLEXER	*multiplexer *3-state output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	5.5	10	32	SOP-8 MSOP-8
U74LVC1625	BUS BUFFER/LINE DRIVER 3-STATE	LVC	1	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	7	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1626	BUS BUFFER/LINE DRIVER; 3-STATE	LVC	1	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	5	10	32	SOT-23-5 SOT-353 X1DFN1410-6
U74LVC1632	SINGLE 2-INPUT NAND GATE WITH SCHMITT-TRIGGER INPUTS	LVC	1	NAND GATE	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	5	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1639	2-TO-4 LINE DECODER	LVC	2	DECODER	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	4.2	10	32	SOP-8 MSOP-8

Logic & Voltage Translators > 74LCX/LV/LVC/LVX Family

Part No. (句選方式)	Description	Technology family (句選方式)	Number of channels (句選方式)	Sub family (句選方式)	Function (句選方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{cc} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)	Package (句選方式)
U74LVC1G157	SINGLE 2-INPUT MULTIPLEXER	LVC	1	MULTIPLEXER	*multiplexer *Ioff supports partial-power-down mode operation	1.65	5.5	4.5	10	32	SOT-36 SOT-363
U74LVC1G158	SINGLE 2-INPUT MULTIPLEXER	LVC	1	MULTIPLEXER	*multiplexer *Ioff supports partial-power-down mode operation	1.65	5.5	4	10	32	SOT-363
U74LVC1G175	SINGLE D-TYPE FLIP-FLOP WITH ASYNCHRONOUS CLEAR	LVC	1	D-TYPE FLIP-FLOP	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	5.5	10	32	SOT-26 SOT-363
U74LVC1G240	SINGLE BUFFER/DRIVER WITH 3-STATE OUTPUT	LVC	1	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	4	10	32	SOT-353
U74LVC1G332	SINGLE 3-INPUT POSITIVE-OR GATE	LVC	1	OR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	5	10	32	SOT-26
U74LVC1G373	SINGLE D-TYPE LATCH WITH 3-STATE OUTPUT	LVC	1	D-TYPE LATCH	*3-state output *OE pin *LE pin *Ioff supports partial-power-down mode operation	1.65	5.5	4.7	10	32	SOT-363
U74LVC1G374	SINGLE D-TYPE FLIP-FLOP WITH 3-STATE OUTPUT	LVC	1	D-TYPE FLIP-FLOP	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	7.5	10	32	SOT-363
U74LVC1G386	SINGLE 3-INPUT POSITIVE-XOR GATE	LVC	1	XOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	6	10	32	SOT-363
U74LVC1G0832	SINGLE 3-INPUT POSITIVE AND-OR GATE	LVC	1	AND-OR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	4.5	10	32	SOT-363
U74LVC1G3157	SINGLE-POLE,DOUBLE-THROW ANALOG SWITCH	LVC	1	SWITCH	*Single-Pole Double-Throw (SPDT) Switch *Ioff supports partial-power-down mode operation	1.65	5.5	0.3	1	-	SOT-26 SOT-363 X1DFN1410-6
U74LVC1G3208	SINGLE 3-INPUT POSITIVE-OR-AND GATE	LVC	1	OR-AND GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	5.5	10	32	SOT-363
U74LVC1G004	SINGLE POWER SUPPLY SINGLE INVERTER GATE	LVC	1	INVERTER	*push-pull output *Unbuffered Output	1.65	5.5	3.5	10	32	SOT-353 SOT-25
U74LVC1T45	SINGLE-BIT DUAL-SUPPLY BUS TRANSCEIVER WITH CONFIGURABLE VOLTAGE TRANSLATION	LVC	1	TRANSCEIVER	*push-pull output *DIR pin *Ioff supports partial-power-down mode operation	1.65	5.5	3.9	5	32	SOT-26 SOT-353
U74LVC2G00	DUAL 2-INPUT POSITIVE-NAND GATE	LVC	2	NAND GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.3	10	32	SOP-8 MSOP-8
U74LVC2G02	DUAL 2-INPUT POSITIVE-NOR GATE	LVC	2	NOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	4.4	10	32	SOP-8 MSOP-8
U74LVC2G04	DUAL INVERTER	LVC	2	INVERTER	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.2	10	32	SOT-26 SOT-363
U74LVC2G06	INVERTERS WITH OPEN-DRAIN OUTPUTS	LVC	2	INVERTER	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	2.9	10	32	SOT-363
U74LVC2G07	BUFFERS WITH OPEN-DRAIN OUTPUTS	LVC	2	BUFFER	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	2.9	10	32	SOT-26 SOT-363 X2DFN1010-6
U74LVC2G08	DUAL 2-INPUT AND GATE	LVC	2	AND GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.8	10	32	SOP-8 MSOP-8 TSSOP-8
U74LVC2G14	DUAL SCHMITT-TRIGGER INVERTER WITH 5V TOLERANT INPUT	LVC	2	INVERTER	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	5	10	32	SOT-26 SOT-363
U74LVC2G17	DUAL SCHMITT-TRIGGER BUFFER	LVC	2	BUFFER	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	4.3	10	32	SOT-363 SOT-26
U74LVC2G32	DUAL 2-INPUT POSITIVE-OR GATE	LVC	2	OR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.2	10	32	MSOP-8 SOP-8
U74LVC2G34	DUAL BUFFER GATE	LVC	2	BUFFER	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.2	10	32	SOT-26 SOT-363 X1DFN1010-6
U74LVC2G38	DUAL 2-INPUT NAND GATE WITH OPEN-DRAIN OUTPUTS	LVC	2	NAND GATE	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	5.5	10	32	SOP-8
U74LVC2G66	DUAL BILATERAL ANALOG SWITCH	LVC	2	SWITCH	*switch *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	0.6	1	-	MSOP-8 TSSOP-8 DFN2030-8 CDFN2030-8
U74LVC2G86	DUAL 2-INPUT EXCLUSIVE-OR GATE	LVC	2	XOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.6	10	32	SOP-8
U74LVC2G125	DUAL BUS BUFFER GATE WITH 3-STATE OUTPUTS	LVC	2	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	3.8	10	32	MSOP-8 TSSOP-8
U74LVC2G126	DUAL BUS BUFFER GATE WITH 3-STATE OUTPUTS	LVC	2	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	3.3	10	32	MSOP-8 TSSOP-8
U74LVC2G132	DUAL 2-INPUT NAND GATE WITH SCHMITT-TRIGGER INPUTS	LVC	2	NAND GATE	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	5	10	32	SOP-8
U74LVC2G157	SINGLE 2-LINE TO 1-LINE DATA SELECTOR OR MULTIPLEXER	LVC	1	MULTIPLEXER	*multiplexer *Ioff supports partial-power-down mode operation	1.65	5.5	4	10	32	SOP-8
U74LVC2G158	SINGLE 2-LINE TO 1-LINE DATA SELECTOR OR MULTIPLEXER	LVC	1	MULTIPLEXER	*multiplexer *Ioff supports partial-power-down mode operation	1.65	5.5	3.7	10	32	MSOP-8 TSSOP-8
U74LVC2G240	DUAL BUFFER/DRIVER WITH 3-STATE OUTPUTS	LVC	2	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	5	10	32	MSOP-8 TSSOP-8
U74LVC2G241	DUAL BUFFER/LINE DRIVER WITH 3-STATE OUTPUT	LVC	2	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	1.65	5.5	3.7	10	32	SOP-8
U74LVC2G3157	Dual 10 Ω single-pole double-throw analog switch	LVC	2	SWITCH	*Single-Pole Double-Throw (SPDT) Switch *Ioff supports partial-power-down mode operation	1.65	5.5	7.2	1	30	MSOP-10
U74LVC2T45	DUAL-BIT DUAL-SUPPLY BUS TRANSCEIVER WITH CONFIGURABLE VOLTAGE TRANSLATION	LVC	2	TRANSCEIVER	*push-pull output *DIR pin *Ioff supports partial-power-down mode operation	1.65	5.5	3.9	3	32	SOP-8
U74LVC3G04	TRIPLE INVERTER GATE	LVC	3	INVERTER	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.2	10	32	SOP-8 MSOP-8 CDFN2030-8
U74LVC3G06	TRIPLE INVERTER WITH OPEN-DRAIN OUTPUTS	LVC	3	INVERTER	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	2.9	10	32	SOP-8
U74LVC3G07	TRIPLE BUFFER/DRIVER WITH OPEN-DRAIN OUTPUTS	LVC	3	BUFFER	*open-drain output *Ioff supports partial-power-down mode operation	1.65	5.5	2.9	10	32	SOP-8 CDFN2030-8

Logic & Voltage Translators > 74LCX/LV/LVC/LVX Family

Part No. (勾選方式)	Description	Technology family (勾選方式)	Number of channels (勾選方式)	Sub family (勾選方式)	Function (勾選方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{cc} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)	Package (勾選方式)
U74LVC3G14	TRIPLE SCHMITT-TRIGGER INVERTER	LVC	3	INVERTER	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	4.3	10	32	SOP-8 CDFN2030-8
U74LVC3G17	TRIPLE SCHMITT-TRIGGER BUFFER	LVC	3	BUFFER	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	1.65	5.5	4.1	10	32	SOP-8 TSSOP-8 CDFN2030-8
U74LVC3G34	TRIPLE BUFFER GATE	LVC	3	BUFFER	*push-pull output *Ioff supports partial-power-down mode operation	1.65	5.5	3.2	10	32	SOP-8 MSOP-8 CDFN2030-8
U74LVX4051	8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER	LVX	1	MULTIPLEXER	*multiplexer *Ioff supports partial-power-down mode operation	2	6	1.8	8	-	SOP-16 TSSOP-16 QFN-16(3x3)
U74LVX4051R	LOW RON 8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER	LVX	1	MULTIPLEXER	*multiplexer *Low Ron	2.5	6	15	8	100	TSSOP-16
U74LVX4052	Dual 4- CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER	LVX	2	MULTIPLEXER	*multiplexer *Ioff supports partial-power-down mode operation	2	6	1.8	4	-	TSSOP-16 QFN-16(3X3) SOP-16
U74LVX4053	Triple 2-Channel Analog Multiplexer/Demultiplexer	LVX	3	MULTIPLEXER	*multiplexer *Ioff supports partial-power-down mode operation	2	6	1.8	8	2	SOP-16 TSSOP-16

Logic & Voltage Translators > 74AUC/AUP/AVC Family

Part No. (勾選方式)	Description	Technology family (勾選方式)	Number of channels (勾選方式)	Sub family (勾選方式)	Function (勾選方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{cc} (uA) Max (Range)	Output Driver I _{out} (mA) Max (Range)	Package (勾選方式)
U74AUC1000	SINGLE 2-INPUT NAND GATE	AUC	1	NAND GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	2.7	1.3	10	9	SOT-23-5 SOT-353
U74AUC1002	SINGLE 2-INPUT NOR GATE	AUC	1	NOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	2.7	1.2	10	9	SOT-23-5 SOT-353
U74AUC1008	SINGLE 2-INPUT AND GATE	AUC	1	AND GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	2.7	1.4	10	9	SOT-23-5 SOT-353
U74AUC1032	SINGLE 2-INPUT POSITIVE-OR GATE	AUC	1	OR GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	2.7	1.4	10	9	SOT-23-5 SOT-353
U74AUC1086	SINGLE 2-INPUT EXCLUSIVE-OR GATE	AUC	1	XOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	2.7	1.5	10	9	SOT-23-5 SOT-353
U74AUC1G125	SINGLE BUS BUFFER GATE WITH 3-STATE OUTPUT	AUC	1	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	0.9	2.7	3.5	10	9	SOT-23-5 SOT-353
U74AUC1G126	SINGLE BUS BUFFER GATE WITH 3-STATE OUTPUT	AUC	1	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	0.9	2.7	3.5	10	9	SOT-23-5 SOT-353
U74AUC2004	DUAL INVERTER GATE	AUC	2	INVERTER	*push-pull output *Ioff supports partial-power-down mode operation	0.8	2.7	7.2	10	9	SOT-26
U74AUC2034	DUAL INVERTER GATE	AUC	2	INVERTER	*push-pull output *Ioff supports partial-power-down mode operation	0.8	2.7	6.2	10	9	SOT-26
U74AUC745	SINGLE-BIT DUAL-SUPPLY BUS TRANSCEIVER WITH CONFIGURABLE VOLTAGE TRANSLATION AND 3-STATE OUTPUTS	AVC	1	TRANSCEIVER	*push-pull output *DIR pin *Ioff supports partial-power-down mode operation	1.2	3.6	3.8	10	12	SOT-363 SOT-26
U74AUC125	QUADRUPLE BUS BUFFER GATE WITH 3-STATE OUTPUTS	AUC	4	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	0.8	2.7	2.1	10	9	TSSOP-14
U74AUC244	OCTAL BUFFER/DRIVER WITH 3-STATE OUTPUTS	AUC	8	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	0.8	2.7	1.9	20	9	SSOP-20
U74AUP1000	SINGLE 2-INPUT NAND GATE	AUP	1	NAND GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	3.6	4.5	0.5	4	SOT-23-5 SOT-353 DFN1010-6
U74AUP1002	SINGLE 2-INPUT NOR GATE	AUP	1	NOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	3.6	4.7	0.5	4	SOT-23-5 SOT-353 X2DFN1010-6
U74AUP1004	SINGLE INVERTER GATE	AUP	1	INVERTER	*push-pull output *Ioff supports partial-power-down mode operation	0.8	3.6	5.4	0.5	4	SOT-23-5 SOT-353 X2DFN1010-6 X2DFN0808-4
U74AUP1006	LOW-POWER SINGLE INVERTER BUFFER/DRIVER WITH OPEN-DRAIN OUTPUTS	AUP	1	INVERTER	*open-drain output *Ioff supports partial-power-down mode operation	0.8	3.6	10.5	0.5	4	SOT-23-5 SOT-353 X2DFN1010-6
U74AUP1007	BUFFER WITH OPEN-DRAIN OUTPUT	AUP	1	BUFFER	*open-drain output *Ioff supports partial-power-down mode operation	0.8	3.6	6.3	0.5	4	SOT-23-5 SOT-353 X2DFN1010-6 X2DFN0808-4
U74AUP1008	2-INPUT AND GATE	AUP	1	AND GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	3.6	4.7	0.5	4	SOT-23-5 SOT-353 X2DFN1010-6 X2DFN0808-4
U74AUP1G14	LOW-POWER SINGLE SCHMITT-TRIGGER INVERTER	AUP	1	INVERTER	*push-pull output *schmitt-trigger *Ioff supports partial-power-down mode operation	0.8	3.6	6.2	0.5	4	SOT-25 SOT-23-5 SOT-353
U74AUP1G32	SINGLE 2-INPUT OR GATE	AUP	1	OR GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	3.6	7	0.5	4	SOT-23-5 SOT-353 DFN1010-6 DFN1410-6
U74AUP1G38	LOW-POWER 2-INPUT NAND GATE WITH OPEN-DRAIN OUTPUT	AUP	1	NAND GATE	*open-drain output *Ioff supports partial-power-down mode operation	0.8	3.6	12.7	0.5	-	SOT-23-5 SOT-353
U74AUP1G57	LOW-POWER CONFIGURABLE MULTIPLE-FUNCTION GATE	AUP	1	MULTIPLEXER	*multiplexer *schmitt-trigger *Ioff supports partial-power-down mode operation	0.8	3.6	5.8	0.5	4	SOT-363 X1DFN1410-6
U74AUP1G74	LOW-POWER SINGLE POSITIVE EDGE TRIGGERED D-TYPE FLIP-FLOP WITH CLEAR AND PRESET	AUP	1	D-TYPE FLIP-FLOP	*push-pull output *CLR pin *Ioff supports partial-power-down mode operation	0.8	3.6	7	0.5	4	DFN2030-8 CDFN2030-8 TSSOP-8
U74AUP1086	SINGLE 2-INPUT EXCLUSIVE-OR GATE	AUP	1	XOR GATE	*push-pull output *Ioff supports partial-power-down mode operation	0.8	3.6	4.4	0.5	4	SOT-23-5 SOT-353 DFN1010-6
U74AUP1097	LOW-POWER CONFIGURABLE MULTIPLE-FUNCTION GATE	AUP	1	MULTIPLEXER	*multiplexer *schmitt-trigger *Ioff supports partial-power-down mode operation	0.8	3.6	7.3	0.5	4	SOT-26 SOT-363
U74AUP1G126	SINGLE BUS BUFFER GATE WITH 3-STATE OUTPUT	AUP	1	BUFFER	*3-state output *OE pin *Ioff supports partial-power-down mode operation	0.8	3.6	4.8	0.5	4	SOT-23-5 SOT-353 DFN1010-6
U74AUP1F34	1-BIT UNIDIRECTIONAL VOLTAGE-LEVEL TRANSLATOR	AUP	1	TRANSCEIVER	*push-pull output *Ioff supports partial-power-down mode operation *voltage-level translator	0.9	3.6	4.28	5	6	SOT-23-5 SOT-353
U74AUP1T57	SINGLE-SUPPLY VOLTAGE-LEVEL TRANSLATOR WITH NINE CONFIGURABLE GATE LOGIC FUNCTIONS	AUP	1	MULTIPLEXER	*multiplexer *schmitt-trigger *Ioff supports partial-power-down mode operation *voltage-level translator	2.6	3.6	4.8	0.5	4	SOT-363
U74AUP1T57	SINGLE 2-INPUT SCHMITT-TRIGGER BUFFER MULTIPLEXER (NONINVERTED)	AUP	1	MULTIPLEXER	*multiplexer *schmitt-trigger *Ioff supports partial-power-down mode operation *voltage-level translator	2.3	3.6	4.4	0.5	4	SOT-363
U74AVC745	DUAL-BIT DUAL SUPPLY, BUS TRANSCEIVER WITH CONFIGURABLE LEVEL-SHIFTING AND TRANSLATION	AVC	2	TRANSCEIVER	*push-pull output *DIR pin *Ioff supports partial-power-down mode operation	1.2	3.6	2.4	10	12	SOP-8
U74AVC7245*	2-BIT DUAL-SUPPLY BUS TRANSCEIVER WITH CONFIGURABLE VOLTAGE TRANSLATION AND 3-STATE OUTPUTS	AVC	2	TRANSCEIVER	*3-state output *OE pin *DIR pin *Ioff supports partial-power-down mode operation	1.2	3.6	2.7	16	12	SOP-14 QFN10-(1.8x1.4)

Logic & Voltage Translators > 74CBT Family

Part No. (勾通方式)	Description	Technology family (勾通方式)	Number of channels (勾通方式)	Sub family (勾通方式)	Function (勾通方式)	VCC(V)	VCC(V)	t _{pd} (nS)	I _{cc} (uA)	Output Driver I _{out} (mA) Max (Range)	Package (勾通方式)
						Min (Range)	Max (Range)	Max (Range)	Max (Range)		
U74CBT1G125	SINGLE FET BUS SWITCH	CBT	1	SWITCH	*switch *TTL *OE pin	4	5.5	0.25	1	-	SOT-353
U74CBT1G384	SINGLE FET BUS SWITCH	CBT	1	SWITCH	*switch *TTL *OE pin	4	5.5	0.25	1	-	SOT-353
U74CBT1G385	SINGLE FET BUS SWITCH	CBT	1	SWITCH	*switch *TTL *OE pin	4	5.5	0.25	1	-	SOT-23-5 SOT-353
U74CBT2G125	DUAL BUS SWITCH WITH LEVEL SHIFT	CBT	2	SWITCH	*switch *TTL *OE pin	4	5.5	0.32	10	-	SOP-8 TSSOP-8
U74CBT3126	QUADRUPLE FET BUS SWITCH	CBT	4	SWITCH	*switch *TTL *OE pin	4	5.5	0.25	3	-	SOP-14 TSSOP-14
U74CBT3251	1-OF-8 FET MULTIPLEXER/ DEMULTIPLEXER	CBT	1	MULTIPLEXER	*multiplexer *TTL *OE pin	4	5.5	0.25	3	-	SOP-16 TSSOP-16
U74CBT3251C	1-OF-8 FET MULTIPLEXER/ DEMULTIPLEXER	CBT	1	MULTIPLEXER	*multiplexer *TTL *OE pin	4	5.5	0.15	3	-	SOP-16
U74CBT3253	DUAL 1-OF-4 FET MULTIPLEXER/ EMULTIPLEXER	CBT	2	MULTIPLEXER	*multiplexer *TTL *OE pin	4	5.5	0.25	3	-	SOP-16 TSSOP-16 SSOP-16
U74CBT3253C	DUAL 1-OF-4 FET MULTIPLEXER/ EMULTIPLEXER	CBT	2	MULTIPLEXER	*multiplexer *TTL *OE pin *Ioff supports partial-power-down mode operation	4	5.5	0.15	3	-	SOP-16
U74CBT3257	4-BIT 1-OF-2 FET MULTIPLEXER/ DEMULTIPLEXER	CBT	4	MULTIPLEXER	*multiplexer *TTL *OE pin	4	5.5	0.25	3	-	SOP-16 TSSOP-16 TSSOP-16
U74CBT3257C	4-BIT 1-OF-2 FET MULTIPLEXER/ DEMULTIPLEXER	CBT	4	MULTIPLEXER	*multiplexer *TTL *OE pin *Ioff supports partial-power-down mode operation	4	5.5	0.15	3	-	SOP-16 SSOP-16 TSSOP-16
U74CBT3306	DUAL FET BUS SWITCH	CBT	2	SWITCH	*switch *TTL *OE pin	4	5.5	0.25	3	-	SOP-8 TSSOP-8
U74CBTLV1G125	LOW-VOLTAGE SINGLE FET BUS SWITCH	CBTLV	1	SWITCH	*switch *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	0.25	10	-	SOT-25 SOT-353 SOT-553
U74CBTLV3125	LOW-VOLTAGE QUADRUPLE FET BUS SWITCH	CBTLV	4	SWITCH	*switch *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	0.25	10	-	TSSOP-14
U74CBTLV3126	LOW-VOLTAGE QUADRUPLE FET BUS SWITCH	CBTLV	4	SWITCH	*switch *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	0.25	10	-	SSOP-16 TSSOP-14 QFN-14(2.5x3.0)
U74CBTLV3245	LOW-VOLTAGE OCTAL FET BUS SWITCH	CBTLV	8	SWITCH	*switch *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	0.25	20	-	TSSOP-20
U74CBTLV3251*	LOW-VOLTAGE 1-OF-8 FET MULTIPLEXER/ DEMULTIPLEXER	CBTLV	1	MULTIPLEXER	*multiplexer *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	0.25	10	-	SSOP-16 TSSOP-14
U74CBTLV3253	LOW-VOLTAGE DUAL 1-OF-4 FET MULTIPLEXER/ DEMULTIPLEXER	CBTLV	2	MULTIPLEXER	*multiplexer *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	0.25	10	-	SOP-16 SSOP-16 TSSOP-14
U74CBTLV3257	LOW-VOLTAGE DUAL 4-BIT 1-OF-2 FET MULTIPLEXER/ DEMULTIPLEXER	CBTLV	4	MULTIPLEXER	*multiplexer *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	0.25	10	-	SSOP-16 TSSOP-14
U74CB3Q3244*	8-BIT FET BUS SWITCH 2.5V-/3.3V LOW-VOLTAGE HIGH BANDWIDTH BUS SWITCH	CB3Q	8	SWITCH	*switch *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	0.2	2000	-	TSSOP-20
U74CB3Q3245*	8-BIT FET BUS SWITCH 2.5V-/3.3V LOW-VOLTAGE HIGH BANDWIDTH BUS SWITCH	CB3Q	8	SWITCH	*switch *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	0.2	2000	-	TSSOP-20
U74CB3Q3257	4-BIT 1 OF 2 FET MULTIPLEXER/ DEMULTIPLEXER 2.5V-/3.3V LOW-VOLTAGE HIGH BANDWIDTH BUS SWITCH	CB3Q	4	SWITCH	*switch *OE pin *Ioff supports partial-power-down mode operation	2.3	3.6	7.8	2000	-	TSSOP-16

7SH Family

Part No.	Description	Technology family	Number of channels	Sub family	Function	Electrical Characteristics					Package
						VCC(V)		t _{pd} (nS)	I _{cc} (uA)	Output Driver	
						Min	Max	Max	Max	I _{OL} (mA)	
U7SH00	2-INPUT NAND GATE	SH	1	NAND GATE	*push pull output	2	5.5	7.5	2	8	SOT-23-5 SOT-353
U7SH02	2-INPUT NOR GATE	SH	1	NOR GATE	*push pull output	2	5.5	10	2	8	SOT-25 SOT-353
U7SH08	2-INPUT AND GATE	SH	1	AND GATE	*push pull output	2	5.5	7.9	2	8	SOT-25 SOT-353
U7SH32	2-INPUT OR GATE	SH	1	OR GATE	*push pull output	2	5.5	8.5	2	8	SOT-25 SOT-353

Logic & Voltage Translators > High Voltage CD/TC/UCD40XX/UTC40XX Family

Part No. (勾選方式)	Description	Technology family (勾選方式)	Number of channels (勾選方式)	Sub family (勾選方式)	Function (勾選方式)	VCC(V) Min (Range)	VCC(V) Max (Range)	t _{pd} (nS) Max (Range)	I _{cc} (uA) Max (Range)	Output Driver Iout(mA) Max (Range)	Package (勾選方式)
CD4069	INVERTER CIRCUITS	CD	6	INVERTER	*push-pull output	3	15	50	4	1	DIP-14 SOP-14
CD4541	PROGRAMMABLE TIMER	CD	1	PROGRAMMABLE TIMER	*push-pull output	3	15	200	80	1	DIP-14 SOP-14 TSSOP-14
TC4069	INVERTER CIRCUITS	TC	6	INVERTER	*push-pull output	3	20	50	1	1	DIP-14 SOP-14 TSSOP-14
UCD4001B	QUAD 2-INPUT NOR BUFFERED B SERIES GATE	CD	4	BUFFER	*push-pull output	3	15	70	1	1	DIP-14 SOP-14 TSSOP-14
UCD4002B	CMOS NOR GATES HIGH-VOLTAGE TYPES	CD	2	NOR GATE	*push-pull output	3	18	90	1	1	DIP-14 SOP-14 TSSOP-14
UCD4011B	QUAD 2-INPUT NAND BUFFERED B SERIES GATE	CD	4	BUFFER	*push-pull output	3	15	90	1	1	DIP-14 SOP-14 TSSOP-14
UCD4014B	CMOS 8-STAGE STATIC SHIFT REGISTERS	CD	1	REGISTER	*open-drain output	3	18	120	20	-	DIP-16 SOP-16 TSSOP-16
UCD4015B	CMOS DUAL 4-STAGE STATIC SHIFT REGISTER	CD	2	REGISTER	*push-pull output	3	18	120	20	1	DIP-16 SOP-16 TSSOP-16
UCD4021B	CMOS 8-STAGE STATIC SHIFT REGISTERS	CD	1	REGISTER	*open-drain output	3	18	120	20	1	DIP-16 SOP-16 TSSOP-16
UCD4023B	TRIPLE 3-INPUT NAND GATE	CD	3	NAND GATE	*push-pull output	3	15	50	1	1	SOP-14 TSSOP-14
UCD4024B	7-STAGE RIPPLE COUNTER BINARY COUNTER / DIVIDERS	CD	1	DIVIDER	*push-pull output *RESET pin	3	18	130	20	1	DIP-14 SOP-14
UCD4028B	BCD-TO-DECIMAL DECODER BINARY-TO-OCTAL DECODER	CD	1	DECODER	*push-pull output	3	15	180	20	1	DIP-16 SOP-16
UCD4043B	CMOS QUAD 3-STATE NOR R/S LATCHES	CD	4	NOR R/S LATCHES	*3-state output *OE pin	3	18	100	20	1	DIP-16 SOP-16
UCD4049B	CMOS HEX BUFFER/CONVERTERS	CD	6	BUFFER	*push-pull output	3	15	50	4	1	SOP-16 TSSOP-16
UCD4050B	CMOS HEX BUFFER/CONVERTERS	CD	6	BUFFER	*push-pull output	5	15	60	4	1	SOP-16 TSSOP-16
UCD4060B	CMOS 14-STAGE RIPPLE-CARRY BINARY COUNTER/DIVIDER AND OSCILLATOR	CD	1	DIVIDER	*open-drain output *schmitt trigger *RESET pin	3	18	200	20	-	SOP-16 TSSOP-16
UCD4066	QUAD BILATERAL SWITCH	CD	4	SWITCH	*switch	3	15	25	4	-	DIP-14 SOP-14 TSSOP-14
UCD4073B	TRIPLE 3-INPUT AND GATE	CD	3	AND GATE	*push-pull output	3	18	100	1	1	DIP-14 SOP-14 TSSOP-14
UCD4075B	TRIPLE 3-INPUT OR GATE	CD	3	OR GATE	*push-pull output	3	18	100	1	1	DIP-14 SOP-14 TSSOP-14
UCD4076	CMOS 4-BIT D-TYPE REGISTERS	CD	4	D-type flip-flops	* Three-state outputs * Input disabled without gating the clock	3	18	180	100	6.8	SOP-16
UCD4070B	CMOS QUAD EXCLUSIVE-OR GATE	CD	4	XOR GATE	*push-pull output	3	18	100	5	1	DIP-14 SOP-14 TSSOP-14
UCD4071B	QUAD 2-INPUT OR BUFFERED B SERIES GATE	CD	4	OR GATE	*push-pull output	3	15	70	1	1	SOP-14
UCD4077B	QUAD EXCLUSIVE-NOR GATE	CD	4	NOR GATE	*push-pull output	3	18	100	5	1	SOP-14
UCD4081B	QUAD 2-INPUT AND BUFFERED B SERIES GATE	CD	4	AND GATE	*push-pull output	3	15	70	1	1	DIP-14 SOP-14 TSSOP-14
UCD40106B	HEX SCHMITT TRIGGERS	CD	6	INVERTER	*push-pull output *schmitt-trigger	3	18	120	4	1	DIP-14 SOP-14 TSSOP-14
UCD4570B	EXCLUSIVE-OR GATE	CD	1	XOR GATE	*push-pull output	3	18	100	4	1	SOT-25
UTC4013	DUAL D-TYPE FLIP-FLOP	TC	2	D-TYPE FLIP-FLOP	*push-pull output	3	18	90	4	1	SOP-14 TSSOP-14 DIP-14
4066	QUAD BILATERAL SWITCH	CD	4	SWITCH	*switch	3	15	25	4	40	DIP-14 SOP-14 TSSOP-14

Logic & Voltage Translators > Voltage Translators & level Shifters

Part No. (有源方式)	Description	Technology family (有源方式)	Number of channels (有源方式)	Sub family (有源方式)	Function (有源方式)	VCCA(V) Min (Range)	VCCA(V) Max (Range)	VCCB(V) Min (Range)	VCCB(V) Max (Range)	Data rate (Mbps) Max (Range)	I _{CC} (uA) Max (Range)	V _{out} (V) Min (有源方式)	V _{out} (V) Max (有源方式)	Output Driver I _{out} (mA) Max (Range)
UCA9306	DUAL BIDIRECTIONAL I2C-BUS AND SMBUS VOLTAGE-LEVEL TRANSLATOR	-	2	Bidirectional Translator	* Open-Drain Output * No Direction Pin * OE pin	1.2	3.3	1.8	5.0	0.4	5	-	-	64
UCA9617	LEVEL TRANSLATING FM+ I2C-BUS REPEATER	-	2	Bidirectional Translator	* Open-Drain Output * No Direction Pin * OE pin	0.8	5.5	2.2	5.5	1	50	0.6	-	13
UVXS0102	2-BIT BIDIRECTIONAL VOLTAGE-LEVEL TRANSLATOR FOR OPEN-DRAIN AND PUSH-PULL APPLICATIONS	VXS	2	Auto-direction voltage translators	* Open-Drain and Push-Pull Output * No Direction Pin * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.65	3.6	2.3	5.5	24	2.4	0.6	3.69	1
UTXB0101	1-Bit Bidirectional Level-Shifting and Voltage Translator With Auto-Direction-Sensing	TXB	1	Auto-direction voltage translators	* Push-Pull Output * Ioff Supports Partial-Power-Down Mode Operation	1.2	3.6	1.65	5.5	100	3	0.4	V _{CC} -0.4	0.02
UTXB0102	2-Bit Bidirectional Voltage-Level Translator With Auto-Direction Sensing	TXB	2	Auto-direction voltage translators	* Push-Pull Output * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.2	3.6	1.65	5.5	100	3	0.4	V _{CC} -0.4	0.02
UTXB0104	4-Bit Bidirectional Voltage-level Translator With Automatic Direction Sensing	TXB	4	Auto-direction voltage translators	* Push-Pull Output * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.2	3.6	1.65	5.5	100	5	0.4	V _{CC} -0.4	0.02
UTXB0106*	6-Bit Bidirectional Level-Shifting and Voltage Translator With Auto-Direction-Sensing	TXB	6	Auto-direction voltage translators	* Push-Pull Output * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.2	3.6	1.65	5.5	100	5	0.4	V _{CC} -0.4	0.02
UTXB0108*	8-Bit Bidirectional Voltage-Level Translator with Auto-Direction Sensing	TXB	8	Auto-direction voltage translators	* Push-Pull Output * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.2	3.6	1.65	5.5	100	5	0.4	V _{CC} -0.4	0.02
UNTB0102*	Dual supply translating transceiver; auto direction sensing	NTB	2	Auto-direction voltage translators	* Push-Pull Output * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.2	3.6	1.65	5.5	80	20	0.4	V _{CC} -0.4	0.02
UTXS0101*	1-Bit Bidirectional Level-Shifting, Voltage-Level Translator With Auto-Direction-Sensing for Open-Drain and Push-Pull Applications	TXS	1	Auto-direction voltage translators	* Open-Drain and Push-Pull Output * No Direction Pin * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.65	3.6	2.3	5.5	24	2.4	0.4	V _{CC} x0.67	1
UTXS0102*	2-Bit Bidirectional Voltage-Level Translator for Open-Drain and Push-Pull Applications	TXS	2	Auto-direction voltage translators	* Open-Drain and Push-Pull Output * No Direction Pin * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.65	3.6	2.3	5.5	24	2.4	0.4	V _{CC} x0.67	1
UTXS0104	4-Bit Bidirectional Voltage-Level Translator for Open-Drain and Push-Pull Application	TXS	4	Auto-direction voltage translators	* Open-Drain and Push-Pull Output * No Direction Pin * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.65	3.6	2.3	5.5	24	2.4	0.4	V _{CC} x0.8	1
UTXS0108*	8-Bit Bidirectional, Level-Shifting, Voltage Translator for Open-Drain and Push-Pull Applications	TXS	8	Auto-direction voltage translators	* Open-Drain and Push-Pull Output * No Direction Pin * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.4	3.6	1.65	5.5	50	2	0.55	V _{CC} x0.67	0.4
UNTS0104	Dual Supply Translating Transceiver, Open Drain, Auto-Direction Sensing	NTS	4	Auto-direction voltage translators	* Open-Drain Output * OE pin * Ioff Supports Partial-Power-Down Mode Operation	1.65	3.6	2.3	5.5	50	15	0.4	V _{CC} x0.67	1
ULSF0101*	1-Bit Auto-Bidirectional Multi-Voltage Level Translator for Open-Drain Applications	LSF	1	Auto-direction voltage translators	* Open-Drain Output * No Direction Pin * OE pin	0.95	4.5	1.75	5.5	100	6	-	-	64
ULSF0102*	2-Bit Auto-Bidirectional Multi-Voltage Level Translator for Open-Drain Applications	LSF	2	Auto-direction voltage translators	* Open-Drain Output * No Direction Pin * OE pin	0.95	3.3	1.8	5.5	100	6	-	-	64
ULSF0108*	4-Bit Auto-Bidirectional Multi-Voltage Level Translator for Open-Drain Applications	LSF	8	Auto-direction voltage translators	* Open-Drain Output * No Direction Pin * OE pin	0.95	3.3	1.8	5.5	100	6	-	-	64
ULSF0204/D	4-Bits Bidirectional Multi-Voltage Level Translator for Open-Drain and Push-Pull Application	LSF	4	Auto-direction voltage translators	* Open-Drain Output * No Direction Pin * OE pin * Ioff Supports Partial-Power-Down Mode Operation	0.8	4.5	1.8	5.5	100	3.5	-	-	64
2N7001	SINGLE-BIT DUAL-SUPPLY BUFFERED VOLTAGE SIGNAL CONVERTER	-	1	Voltage-level translator	* Push-Pull Output * Ioff Supports Partial-Power-Down Mode Operation	1.65	3.6	1.65	3.6	-	8	0.1	V _{CC} -0.1	12

Package (封装方式)
SOP-8 MSOP-8 CDFN2030-8
SOP-8 MSOP-8
SOP-8 CDFN2030-8 MSOP-8
SOT-26
SOP-8 MSOP-8 CDFN2030-8
SOP-14 TSSOP-14
TSSOP-16
TSSOP-20
SOP-8
SOT-26
SOP-8
SOP-14 TSSOP-14 QFN-14(3.5x3.5)
TSSOP-20
SOP-14 TSSOP-14
SOT-23-6
SOP-8 CDFN2030-8
TSSOP-20
SOP-14 TSSOP-14
SOT-353

Hall Effect Switches > Hall Sensor

Part No. (勾选方式)	Features	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	ICC(mA) (Range)	Pole detection (勾选方式)	Output Type (勾选方式)	Operating Temperature(°C) (勾选方式)	Bop Max (gauss) (勾选方式)	Brp Min(gauss) (勾选方式)
UH4913	Micro Watt Low Power Bipolar CMOS Hall Effect Switch (High level when no magnetic field is applied) * Micropower Operation * 2.4V to 5.5V Battery Operation * Switching for both poles of magnet	2.4	5.5	0.02	Omnipolar	open-drain	-40 to 85	50 -50	12 -12
UH8100	Micro Watt Low Power CMOS Hall Effect Switch (Tperiod<100ms, Duty 0.1% Typ.) * Micro power Operation * 2.5V to 5.5V Battery Operation * Offset Cancelling Technology	2.5	5.5	0.01/0.5	Unipolar	open-drain	-40 to 85	60	10
UH8102	Micro Watt Low Power Bipolar CMOS Hall Effect Switch (Low level when no magnetic field applied) *Micropower Operation *2.4V to 5.5V Battery Operation *Offset Cancelling Technology	2.4	5.5	0.02	Omnipolar	open-drain	-40 to 85	70	1
UH8103	Micro Watt Low Power Bipolar CMOS Hall Effect Switch IC (Tperiod 60ms Typ., Duty 0.3% Typ.) *Micropower Operation *2.5V to 5.5V Battery Operation	2.5	5.5	0.01	Omnipolar	open-drain	-40 to 85	75 -75	10 -10
UH8104	Hall Effect Micro Switch IC (0 magnetic characteristics of output is OFF) * Micro power operation * 2.5V to 5.5V battery operation * Offset Cancelling Technology	2.5	5.5	0.01	Omnipolar	open-drain	-40 to 85	60 -60	10 -10
UH8105	Micro Watt Low Power Bipolar CMOS Hall Effect Switch (High level when no magnetic field applied) *Micropower operation *2.5V to 5.0V battery operation *Offset Cancelling Technology	2.5	5.5	0.01	Omnipolar	push-pull	-40 to 85	45 -45	10 -10
UH8106	CMOS, OMNI-POLAR, LOW POWER Hall Sensor *Omni-polar magnetic type *2.2V to 5.5V battery operation *Offset Cancelling Technology *Independent of North or South Pole Magnet, Output polarity is stable	2.5	5.5	0.006	Omnipolar	pull-up open-drain push-pull	-40 to 85	23 40	5 5
UH8108*	DIGITAL HALL-EFFECT SENSOR ICs * Omnipolar detection (polarity detection for both S and N features) dual outputs	2.8	5.5	0.003	Omnipolar	push-pull	-40 to 85	110 -110	20 -20
UH8111*	CMOS UNI-POLAR, LOW POWER HALL SENSOR * Unipolar detection * 2.2V to 5.5V battery operation * Offset Cancelling Technology	2.5	5.5	0.006	Unipolar	push-pull	-40 to 85	45	3
UH8118*	CMOS, OMNI-POLAR, LOW POWER HALL SENSOR * Omni-polar magnetic type * 2.2V to 5.5V battery operation * Offset Cancelling Technology	2.2	5.5	0.006	Omnipolar	push-pull	-40 to 85	40 65	6 8
SK1812	BIPOLAR LATCH TYPE Hall Effect for High Temperature Operation * Wide supply voltage range of 2.5V to 20V * Wide temperature operation range of -20°C~+125°C * Alternating magnetic field operation * TTL and MOS IC are directly drivable by the output * The life is semipermanent because it employs contactless parts	2.5	20	6	Bipolar	open-drain	-20 to 125	50	-50
SK1816	BIPOLAR LATCH TYPE Hall Effect for High Temperature Operation (*Built-in Pull-High Resistance) * Wide Temperature Operation Range of -30°C ~+125°C * Alternating Magnetic Field Operation * Built-in Protection Diode	-	20	10	Bipolar	open-drain	-30 to 125	50	-50
SK1816A	BIPOLAR LATCH TYPE Hall Effect for High Temperature Operation (*Built-in Pull-High Resistance) * Wide Supply Voltage Range of 2.5V to 20V * Wide Temperature Operation Range of -30°C ~+125°C * Alternating Magnetic Field Operation * Built-in Protection Diode	2.5	20	10	Bipolar	pull-up	-30 to 125	50	-50
SK1901	Low Voltage Hall Effect Switch for High Temperature Operation * Wide supply voltage range of 2.5V to 20V * Wide temperature operation range of -20°C~+125°C * TTL and MOS IC are directly drivable by the output * The life is semipermanent because it employs contactless parts	2.5	20	10	Unipolar	open-drain	-20 to 125	100	10
SK1826	BIPOLAR LATCH TYPE HALL EFFECT FOR HIGH-TEMPERATURE OPERATION * Wide Supply Voltage Range of 2.5V to 24V * Wide Temperature Operation Range of -30°C ~+125°C * Alternating Magnetic Field Operation * TTL and MOS IC are Directly Drivable by the Output * The life is Semi Permanent because it Employs contactless parts	3.6	24	6	Bipolar	open-drain	-30 to 125	50	-50
UH539	LINEAR HALL EFFECT SENSOR * Low-Noise Output * 3.0 V ~ 6.5 V Operation * Magnetically Optimized Package * Miniature construction * Linear output for circuit design flexibility	3.0	6.5	8	Linear	-	-40 to 85	-	-
UH549	LINEAR HALL EFFECT SENSOR * Low-Noise Output * 3.0 V ~ 6.5 V Operation * Magnetically Optimized Package * Miniature construction	3	6.5	8	Linear	-	-40 to 85	-	-
USS30A*	BIPOLAR LATCH TYPE HALL EFFECT FOR HIGH-TEMPERATURE OPERATION * Wide Temperature Operation Range of -30°C ~+125°C * Alternating Magnetic Field Operation * Built-in Protection Diode	4.5	28	10	Bipolar	open-drain	-30 to 125	110	-110
USS40	BIPOLAR LATCH TYPE HALL EFFECT FOR HIGH-TEMPERATURE OPERATION * Wide Temperature Operation Range of -40°C~+125°C * Alternating Magnetic Field Operation * Built-in Protection Diode	4.5	24	10	Bipolar	open-drain	-40 to 125	70	-70
USS40A	BIPOLAR LATCH TYPE HALL EFFECT FOR HIGH-TEMPERATURE OPERATION * Wide Temperature Operation Range of -30°C ~+125°C * Alternating Magnetic Field Operation * Built-in Protection Diode	4.5	28	10	Bipolar	open-drain	-30 to 125	110	-110
USS50A	BIPOLAR LATCH TYPE HALL EFFECT FOR HIGH-TEMPERATURE OPERATION * Wide Temperature Operation Range of -30°C ~+125°C * Alternating Magnetic Field Operation * Built-in Protection Diode	4.5	28	10	Bipolar	open-drain	-30 to 125	110	-110
SK8552	Low Voltage Hall effect switch * Wide supply voltage range of 3V to 20V * Wide temperature operation range of -20 °C~+125°C * TTL and MOS IC are directly drivable by the output * The life is semipermanent because it employs contactless parts	3	20	5	Omnipolar	pull-up	-20 to 125	100 -100	20 -20
SK8509	Low Voltage Hall Effect IC Sensitivity 1.3mV/Gauss typical * Wide Supply Voltage Range of 4V to 7V * Wide Temperature Operation Range of -20°C ~+85°C * The life is Semipermanent because it Employs contactless parts	4	7	10	Linear	-	-20 to 85	-	-

U3144	Sensitive Hall-Effect Switches For High-Temperature Operation <ul style="list-style-type: none"> * Wide temperature operation range of -40°C ~ +85°C * Wide supply voltage range of 4.5V to 24V * TTL and MOS IC are directly drivable by the output * Reverse Battery Protection * Activate with Small, Commercially Available Permanent Magnets 	4	24	9	Unipolar	open-drain	-40 to 85	350	50
UH541	Hall Effect Latched Sensor <ul style="list-style-type: none"> * wide operating voltage range : 4.5V~24V * Wide ambient temperature range: -40°~+125°C * Bipolar technology * Open-collector 25mA output * Reverse battery protection 	4.5	24	10	Bipolar	open-drain	-40 to 125	70	-70
UH495	MINIATURE RATIO-METRIC LINEAR <ul style="list-style-type: none"> * Low power consumption * Single current sinking or current sourcing linear output 	4.5	10.5	8.7	Linear	-	-40 to 150		
UH4921	High Voltage, Omnipolar, Push-Pull, Voltage-Independent <ul style="list-style-type: none"> * Digital output signal * Low cut-off frequency * High sensitivity * Symmetrical thresholds * Reduced power consumption * AC coupled * Output protection against electrical disturbances * Large temperature range * Large airgap 	-	24V	15	DYNAMIC DIFFERENTIAL	open-drain	150	-	-
UH81062*	CMOS, OMNI-POLAR, LOW POWER HALL SENSOR <ul style="list-style-type: none"> * Omni-polar magnetic type * 2.2V to 5.5V battery operation * Offset Canceling Technology * Independent of North or South Pole Magnet 	2.5	5.5	0.0035/0.06	Omnipolar	pull-up open-drain push-pull	-40 to 85	23 40	5/5
UH81061*	CMOS, OMNI-POLAR, LOW POWER HALL SENSOR <ul style="list-style-type: none"> * Omni-polar magnetic type * 1.7V to 3.6V battery operation * Offset Canceling Technology * Independent of North or South Pole Magnet, * Superior temperature stability * Extremely Low Switch-Point Drift 	1.7	3.6	0.006	Omnipolar	pull-up open-drain push-pull	-40 to 85	23 40	5/5
USS443*	TEMPERATURE COMPENSATION BIPOLAR HALL EFFECT SENSOR <ul style="list-style-type: none"> * Small size package * High sensitivity and fast response * Withstand voltage 50V * TTL and MOS IC are directly drivable by the output * Reverse Battery Protection * Sensitivity to temperature compensation 	4.5	24	10	Unipolar	open-drain	-40 to 125	180	150
UHC288*	HIGH VOLTAGE BUJTLT-IN PULL HIGH RES OMNIPOLAR HALL EFFECT SWITCH <ul style="list-style-type: none"> * Operation range from 2.5V to 26V * Omni polar, output switches with absolute value of North or South pole from magnet * Reverse bias protection on power supply pin * High Sensitivity for reed switch replacement applications * Low sensitivity drift in crossing of Temp range 	2.5	26	5	Omnipolar	pull-up	-40 to 85	#85 #110	#15 #30
UHC288C*	HIGH VOLTAGE BUJTLT-IN PULL HIGH RES OMNIPOLAR HALL EFFECT SWITCH <ul style="list-style-type: none"> * Operation range from 2.5V to 26V * Omni polar, output switches with absolute value of North or South pole from magnet * Reverse bias protection on power supply pin * High Sensitivity for reed switch replacement applications * Low sensitivity drift in crossing of Temp range 	2.5	26	5	Omnipolar		-40 to 85	540 -540	230 -230
UHC188	SINGLE OUTPUT HALL EFFECT LATCH <ul style="list-style-type: none"> * 3.3V~20V DC operation voltage * Temperature compensation * Wide operating voltage range * Open-Drain pre-driver * 25mA maximum sinking output current 	3.3	26	4.5	Bipolar	open-drain	-40 to 85	40 60	-5
UHC177	SINGLE OUTPUT HALL EFFECT LATCH <ul style="list-style-type: none"> * 3.3V~20V DC operation voltage 	3.3	20	4.5	Bipolar	open-drain	-40 to 85	40 60	-5
SK1816M	Latch type Hall Effect For High Temperature <ul style="list-style-type: none"> * Wide Temperature Operation Range of -30°C ~ +125°C * Alternating Magnetic Field Operation * TTL and MOS IC are Directly Drivable by the Output * The life is Semi Permanent because it Emulovs 	3.6	20	6	Bipolar	open-drain	-30 to 125	50 50	-50 -50
U349	SENSITIVE HALL EFFECT SWITCHES FOR HIGH-TEMPERATURE OPERATION <ul style="list-style-type: none"> * Wide temperature operation range of -40°C ~ +85°C * Wide supply voltage range of 4.5V to 24V 	4.5	24	9	Unipolar	open-drain	-40 to 85	460	135

Bhys TYP(gauss) (每邊方式)	Package (每邊方式)
16	SOT-23 SIP-3
10	SOT-23
10	SIP-3 SOT-23
15	SOT-23 SIP-3
10	SIP-3 SOT-23
10	SIP-3 SOT-23
8	SIP-3 SOT-23
15	SOT-23
9	SOT-23
5 7	SOT-23
100	SIP-3 SOT-23
100	SIP-3 SOT-23
55	SIP-3 SOT-23
45	SIP-3 SOT-23 TSOT-23
100	SIP-3 SOT-23
-	SOT-23
	SIP-3
220	SOT-23
130	SIP-3
220	SIP-3
220	SOT-89
-	SIP-3 SOT-25
-	SIP-3 SOT-23

25	SOT-89
75	SIP-3 SOT-23
	SIP-3
-	SIP-4
8	SIP-3 SOT-23
8	SIP-3 SOT-23
50	SOT-89
20	SIP-3 SOT-23 SOT-25
40	SIP-3 SOT-23
40 70	SOT-23 SIP-3
40 70	SOT-23 SIP-3
100 100	SIP-3 SOT-23
100	SOT-23 SOT-89

Hall Effect Switches > HALL DC Fan Motor Drivers

Part No. (有源方式)	Features	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	Phase (有源方式)	I _{our} (mA) (有源方式)	Operating Temperature(°C) (有源方式)	Bop Max (gauss) (有源方式)	Brp Min(gauss) (有源方式)	Bhys TYP(gauss) (有源方式)
UH211	High Sensitivity Hall Effect Sensor IC with FG Output * Hall Sensor On-Chip * Output Zener Diodes to Clamp the Peak Output Voltage * Frequency Generation Output * High Output Sinking Capability (nearly to 400mA) * High Sensitivity Hall Effect Sensor IC: #65G	3.7	20	Two	500mA	-20 to 85	60 90 100	-60 -90 100	120
UH266	High sensitivity Complementary Outputs Hall Effect Latch IC 2 Phase DC Motor Driver IC * Operating voltage: 4V~28V * Output current: 400mA(Continuous, 25°C) * Output protection Zener breakdown Vz=62V(Typ) * Reverse Output Protection * Excellent hysteresis with temperature compensation	4	28	Two	400mA	-20 to 85	70 100	-70 -100	80(Typ) 80(Typ)
UH357	Smart Motor Driver with integrated hall sensor * Soft switching output driver * Built-in Hall sensor motor driver * Motor lock protection and automatic restart	4	24	Single	300mA	-40 to 85	50	-50	50
UH457	Smart Motor Driver with integrated hall sensor * Soft switching output driver * Built-in Hall sensor motor driver * Motor lock protection and automatic restart	4	28	Single	300mA	-40 to 85	50	-50	50
UH288F	Complementary Output Hall Effect Fan Driver * Wide operating voltage range: 4V~28V * Output sink current up to 0.3A * On-Chip High sensitivity Hall-effect Sensor * Thermal Shutdown Protection * Low Output Switching Current Noise	4	28	Two	300mA	-40 to 85	50	-50	60(Typ)
UH288R	Complementary Output Hall Effect Fan Driver * Wide operating voltage range: 4V~28V * Output sink current up to 0.3A * On-Chip High sensitivity Hall-effect Sensor * Thermal Shutdown Protection * Low Output Switching Current Noise	4	28	Two	300mA	-40 to 85	50	-50	60(Typ)
UH447	Smart Motor Driver with integrated hall sensor * Soft switching output driver * Built-in Hall sensor motor driver * Motor lock protection and automatic restart	4.5	30	Two	500mA	-40 to 85	50	-50	50
UHC1377*	COMPLEMENTARY OUTPUT HALL EFFECT FAN DRIVER * Built in Hall sensor * Wide operating voltage range: 3.5V~20V * Output sink current up to 0.6A * Built-in reverse protection diode for chip reverse power	3.5	20	Two	600mA	-40 to 85	50	-50	50(Typ)
UHC1477*	HIGH-VOLTAGE FULL-BRIDGE BRUSHLESS DC HALL MOTOR DRIVER * Built in Hall sensor * Rotor-locked restart function * Built in 40V full-wave motor driver * Wide input range 3.5V~36V * Thermal shutdown protection * Excellent hysteresis with temperature compensation	2.3	36	Single	450mA	-40 to 125	45	-45	80
UHC577*	One-chip Solution (Hall Element + Driver) * Input Voltage Range : 3V~24V * Low Output Switching Current Noise * Built-in VDD To GND reverse voltage protection * Built-in Drive Current reverse protection	3	24	Single	350mA	-40 to 125	45	-45	50
UH255	2-PHASE DC MOTOR DRIVE IC * Soft switching output driver. * Built-in Hall sensor motor driver.	1.8	5.5	Single	500mA	-20 to 105	25(Typ)	-25(Typ)	50(Typ)
UH200	2-PHASE DC MOTOR DRIVE IC * Wide power supply range: 2.0V~20V * Built-in hall sensor/ drivers * Excellent hysteresis with temperature compensation	2	20	Two	450mA	-20 to 85	65 80 100	-65 -80 100	130 160 200
UH210	High Sensitivity Hall Effect Single Phase DC Motor Driver IC * On-chip Hall Sensor * Wide Operating Voltage Range: 2.8V~20V	2.8	20	Two	450mA	-20 to 100	65 80	-65 -80	130 160
319	High Sensitivity Hall Effect Single Phase DC Motor Driver IC * Operating Voltage Ranges Widely from 3.0V to 20V * 1 Chip Hall Sensor/Drivers * Complementary Outputs Hall Effect Latch IC	3	20	Single	300mA	0 to 85	45 65 90	-45 -65 -90	-
UH276	High Sensitivity Complementary Outputs Hall Effect Latch IC 2 Phase DC Motor Driver IC * Wide Power Supply range from 3V ~ 20V. * On-chip Hall sensor with excellent hysteresis. * Open Collector outputs had the sinking capability up to 400mA	3	20	Two	400mA	-20 to 85	50 70 100	-50 -70 -100	100 140 200
UH277	High Sensitivity Complementary Outputs Hall Effect Latch IC 2 Phase DC Motor Driver IC * Wide Power Supply range from 3V ~ 20V. * On-chip Hall sensor with excellent hysteresis. * Open Collector outputs had the sinking capability up to 300mA	3	20	Two	300mA	-20 to 85	50 70 100	-50 -70 -100	100 140 200
UH477	Single Phase DC Motor Drive IC * Operating Voltage Ranges Widely from 3.0V to 30V * 1 Chip Hall Sensor/Drivers * Output Thermal Shutdown Protect Circuit	3	20	Single	300mA	0 to 85	45 65 90	-45 -65 -90	-
UH378	High Sensitivity Complementary Outputs Hall Effect Latch IC 2 Phase low current Pre-Driver IC * Wide Power Supply range from 3V ~ 20V. * On-chip Hall sensor with excellent hysteresis. * Built-in reverse protection diode	3.6	20	Two	20mA	-20 to 85	50 70 100	-50 -70 -100	100 140 200
H1277	High Sensitivity Hall Effect Sensor IC with FG Output * Hall Sensor On-Chip * Output Zener Diodes to Clamp the Peak Output Voltage	3.6	20	Two	500mA	-20 to 85	60 90 110	-60 -90 -110	120 180 220
UHC477*	2-PHASE DC MOTOR DRIVE IC WITH INTEGRATED HALL SENSOR * Built in Hall sensor * Soft switching output driver * Built-in Hall sensor motor driver * Motor lock protection and automatic restart	3	20	Single	300mA	-40 to 85	45	-45	50
UHC479*	2-PHASE DC MOTOR DRIVE IC WITH INTEGRATED HALL SENSOR * Built in Hall sensor * Soft switching output driver * Built-in Hall sensor motor driver * Motor lock protection and automatic restart * On-Chip High sensitivity Hall-effect Sensor	3.5	20	Single	400mA	-40 to 85	50	-50	50

TRANSISTOR ARRAY > Darlington Driver

Part No. (勾選方式)	Features	Output Voltage(V) (Range)	Channel (Range)	Iout(Max) (mA) (Range)	Package (勾選方式)
ULN2001	3 CH Darlington Sink Driver (Ri=2.7k) * Output Current (Single Output): 500mA max * High Sustaining Voltage Output: 50V min * Inputs Compatible with Various Types of Logic	50.0	3	500	DIP-8 SOP-8
ULN2001LC	3 CH Darlington Sink Driver (Ri=2.7k) * Output Current (Single Output): 100mA max * High Sustaining Voltage Output: 50V min * Inputs Compatible with Various Types of Logic	50.0	3	100	DIP-8 SOP-8
ULN2003	7 CH Darlington Sink Driver (Ri=2.7k) *Output Current (Single Output): 500mA (Max.) *High Sustaining Voltage Output: 50V (Min.) *Output Clamp Diodes	50.0	7	500	DIP-16 SOP-16 TSSOP-16
ULN2003R	7 CH HIGH VOLTAGE HIGH CURRENT DARLINGTON TRANSISTOR ARRAY (Ri=2.7k) * Output Current (Single Output): 500mA max * High Sustaining Voltage Output: 50V min * Output Voltage to 50V	50.0	7	500	SOP-16
ULN2004	7 CH Darlington Sink Drivers (Ri=10.5k) *Output current (single output): 500mA (MAX.) *High sustaining voltage output: 50V (MIN.) *Output clamp diodes	50.0	7	500	DIP-16 SOP-16
ULN2012	HIGH VOLTAGE HIGH CURRENT DARLINGTON ARRAY * PMOS Compatible Inputs * Output Current to 600mA * Output Voltage to 50V	50.0	7	600	SOP-16
ULN2803	8-CH Darlington Arrays (Ri=2.7k) *Output current (single output) 500mA MAX. *High sustaining voltage output 50V MIN. *Output clamp diodes	50.0	8	500	DIP-18 SOP-18 SOP-20 TSSOP-20
ULN2804	8-CH Darlington Arrays (Ri=10.5k) * Eight Darlington's with common emitters * TTL, PMOS or CMOS Compatible inputs * Peak output current to 500mA * Output voltage to 50V	50.0	8	500	DIP-18 SOP-18
62783	8-CH High Voltage Source Driver *High output voltage: VCC = 50V (MIN.) * Output current (single output) IOU = -500mA (MIN.) * Output clamp diodes and single supply voltage * Input compatible with various types of logic	50.0	8	500	DIP-18 SOP-18 SOP-20 TSSOP-20
62783-F	8-CH High Voltage Source Driver *High output voltage: VCC = 50V (MIN.) * Output current (single output) IOU = -500mA (MIN.) * Output clamp diodes and single supply voltage * Input compatible with various types of logic	50.0	8	500	DIP-18 SOP-18 SOP-20 TSSOP-20
62784	8-CH High Voltage Source Driver * High output voltage: VCC = 50V (MIN.) * Output current (single output):-500mA (MIN.) * Output clamp diodes and single supply voltage * Input compatible with kinds of types of logic	50.0	8	500	SOP-18
ULN202L05	4-CH Darlington Sink Driver AND 3-Terminal 0.2A 5V Voltage Regulator For Darlington Sink Drivers * Output current (single output): 500mA max * High sustaining voltage output: 50V min * Output clamp diodes	50.0	4	500	SOP-14
ULN2018	DRIVER CIRCUIT SPECIAL PURPOSE FOR MICROWAVE OVEN * Output current (single output): 100mA (MAX.) * High sustaining voltage output: 50V (MIN.) * Output clamp diodes * TTL/CMOS logic level is compatible	50.0	4	100	SOP-16
ULN2020	DRIVER CIRCUIT SPECIAL PURPOSE FOR MICROWAVE OVEN * Output current (single output): 100mA (MAX.) * High sustaining voltage output: 50V (MIN.) * Output clamp diodes * TTL/CMOS logic level is compatible	50.0	4	100	SOP-16
ULN202	4CH DARLINGTON SINK DRIVER * Output Current (Single Output): 500mA (Max.) * High Sustaining Voltage Output: 50V (Min.) * Output Clamp Diodes	50.0	4	500	MSOP-10
ULD2003*	7 CHANNEL SINK TYPE DMOS TRANSISTOR ARRAY * 7 circuits built-in * High voltage: VOUT = 50V (MAX) * High current: IOU = 500mA/ch (MAX)	50.0	7	500	SOP-16
ULN62381	8-CH LOW SATURATION SINK DRIVER * Low saturation output voltage: VCE (sat) = 0.9V (Max.) @ IOU= 500mA * Output rating 15V (Min.) / 500mA (Max.) * Input compatible with TTL and 5V CMOS	15.0	8	500	SOP-18
ULN2068B*	DARLINGTON SWITCHES * Output current to 1.5A for each Darlington * Sustaining voltage at least 35V * Maximum load time 20V	50.0	4	1500	SOP-16 DIP-16
ULM3086	* Five general purpose monolithic transistors * Operation from DC to 120MHz * Wide operating current range	15	5	-	SOP-14

INTERFACE > RS-232 Transceiver

Part No. (勾選方式)	Features	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	Drivers per package (勾選方式)	Receivers per package (勾選方式)	Data rate (Max) (kbps) (勾選方式)	Vout (Typ) (V) (勾選方式)	Package (勾選方式)
75185	Multiple RS-232 Driver & Receiver *Single Chip with Easy Interface between UART and Serial-Port connector of PC. *Three Drivers and five Receivers Meet or Exceed the Requirements of TIA/EIA-232-F and ITU V.28 Standards	4.5	5.5	3	5	120	7.5	DIP-20 SOP-20 SSOP-20N TSSOP-20
75323	* Single chip with easy interface between UART and serial-port connector * Data rates : 20 kb/s. * Compliant to the ITC-75232	4.5	5.5	5	3	120	7.5	DIP-20 SOP-20
75232	Multiple RS-232 Driver & Receiver * Single chip with easy interconnection of the UART and serial-port connector of personal computer. * Meets standard TIA/EIA-232-F and ITU V.28 * Up to 120 kbps data rate	4.5	5.5	3	5	120	7.5	DIP-20 SOP-20 SSOP-20N TSSOP-20
UT213	Enhanced RS-232 Drivers & Receivers * Operates With 4.5V~5.5V Power Supply * Four Drivers and Five Receivers * Designed to Transmit at a Data Rate of 120 kbps * Low Standby Current (15µA Typical) * Serial Mouse Drivability	4.5	5.5	4	5	120	5.4	SOP-28 SSOP-28
UT232E	Multiple RS-232 Drivers & Receivers * Single power supply: 3.0V~5.5V * Low power supply current: 3.0mA * Multiple drivers and receivers * Receiver input levels: ±25V * 3-State outputs of TTL/CMOS receiver	3.3	5.5	2	2	120	6	DIP-16 SOP-16 SSOP-16
UTRS3202	Multiple RS-232 Line Transceivers * Exceeds ±8KV ESD Protection(HBM) for RS-232 I/O Pins * Meets the Requirements of TIA/EIA-232-F and ITU V.28 Standards * Operates With 3.0V to 5.5V VCC Supply * Operates Up To 250kbit/s Data Rate * Two Drivers and Two Receivers	3	5.5	2	2	150	5.4	SOP-16 TSSOP-16
UT3221/E	Multiple RS-232 Line Transceivers * Operates With 3.0V to 5.5V Power Supply * One Driver and One Receiver * Operates Up To 250 kbps * Designed to Transmit at a Data Rate of 250 kbps * Low Standby Current (1µA Typical) * External Capacitors (4*0.1µF)	3	5.5	1	1	250	5.4	TSSOP-16 SSOP-16
UT3222	Multiple RS-232 Line Transceivers * Exceeds ±8KV ESD Protection(HBM) for RS-232 I/O Pins * Meets the Requirements of TIA/EIA-232-F and ITU V.28 Standards * Operates With 3.0V to 5.5V VCC Supply * Operates Up To 250kbit/s Data Rate * Two Drivers and Two Receivers	3	5.5	2	2	150	5.4	TSSOP-20 SSOP-20N
UT3223	RS-232 Transceivers with Auto Shutdown * Operates With 3.0V~5.5V Power Supply * Two Drivers and Two Receivers * Operates Up To 250 kbps * Designed to Transmit at a Data Rate of 250 kbps * Low Standby Current (1µA Typical) * External Capacitors (4*0.1µF)	3	5.5	2	2	150	5.4	TSSOP-20 SSOP-20N
UTRS3227	RS-232 Transceivers with Auto Shutdown * Operates With 3.0V to 5.5V Power Supply * One Driver and one Receiver * Operates Up To 1Mbps * Designed to Transmit at a Data Rate of 1Mbps * Low Standby Current (1µA Typical) * External Capacitors (4*0.1µF)	3	5.5	1	1	250	5.4	SSOP-16 TSSOP-20
UT3232	Multiple RS-232 Line Transceivers * Exceeds ±8KV ESD Protection(HBM) for RS-232 I/O Pins * Meets the Requirements of TIA/EIA-232-F and ITU V.28 Standards * Operates With 3.0V to 5.5V VCC Supply * Operates Up To 250kbit/s Data Rate * Two Drivers and Two Receivers	3	5.5	2	2	250	5.4	SOP-16 SSOP-16 SSOP-16N TSSOP-16
UTRS3238	5.3V TO 5.5V POWER SUPPLY, 250KBPS, RS-232 LINE DRIVERS/RECEIVERS * Operates With 3.3V~5.0V Power Supply * Five Drivers and Three Receivers * Operates Up To 250 kbps * Designed to Transmit at a Data Rate of 250 kbps * Low Standby Current (1µA Typical)	3.3	5	5	3	250	5	TSSOP-28
UT3243A	5.3V TO 5.5V POWER SUPPLY, 235KBPS, MULTICHANNEL RS-232 LINE DRIVERS/RECEIVERS * Operates With 3.0V ~ 5.5V Power Supply * Three Drivers and Five Receivers * Operates Up To 235 kbps * Designed to Transmit at a Data Rate of 235 kbps * Low Standby Current (1µA Typical)	3	5.5	3	5	120	5.4	SSOP-28 TSSOP-28 QFN-32(5x5)
UT5232	5.3V TO 5.5V POWER SUPPLY, 235KBPS, MULTICHANNEL RS-232 LINE DRIVERS/RECEIVERS * Operates With 3.0V ~ 5.5V Power Supply * Three Drivers and Five Receivers * Operates Up To 235 kbps * Designed to Transmit at a Data Rate of 235 kbps * Low Standby Current (1µA Typical)	3	5.5	3	5	120	5.4	SSOP-28 TSSOP-28 QFN-32(5x5)

INTERFACE > RS-485 & RS-422 Transceiver

Part No. (勾選方式)	Features	Vcc(V)	Duplex (勾選方式)	DATA RATE (Mbps) (勾選方式)	Number of nodes (勾選方式)
UTRS458	POLARITY FREE, FAIL-SAFE 500KBPS, RS-485 / RS-422 TRANSCEIVERS WITH ±12KV ESD-PROTECTED * Meet the requirements of the EIA/TIA-485 standards. * 5.0V single power supply. * 11A low-current shutdown mode	5	Half	0.5	256
UTRS485	FAIL-SAFE, 4.5Mbps, RS-485 / RS-422 TRANSCEIVERS WITH ±12KV ESD-PROTECTED * Meet the requirements of the EIA/TIA-485 standards. * 5.0V single power supply. * True fail-safe receiver while maintaining EIA/TIA-485 compatibility	5	Half	4.5	32
UTRS3080	FAIL-SAFE, 500KBPS, RS-485 / RS-422 TRANSCEIVERS WITH ±12KV ESD-PROTECTED * True fail-safe receiver while maintaining EIA/TIA-485 compatibility * Enhanced slow-rate limiting facilitates Error-Free data	5	Full	0.5	256
UTRS3082	FAIL-SAFE, 115KBPS, RS-485 / RS-422 TRANSCEIVERS WITH ±12KV ESD-PROTECTED * Meet the requirements of the EIA/TIA-485 standards. * 5.0V single power supply. * 11A low-current shutdown mode	5	Half	0.15	256
UTRS3085	FAIL-SAFE, 2.5Mbps, RS-485 / RS-422 TRANSCEIVERS WITH ±12KV ESD-PROTECTED * True fail-safe receiver while maintaining EIA/TIA-485 compatibility. * Fail-safe flowrate limiting facilitates Error-Free data	5	Half	2.5	256
UTRS3088	FAIL-SAFE, 1.0Mbps, RS-485 / RS-422 TRANSCEIVERS WITH ±15KV ESD-PROTECTED * Meet the requirements of the EIA/TIA-485 standards. * 5.0V single power supply. * 11A low-current shutdown mode	5	Half	1.0	256

Package (封装方式)
SOP-8
DIP-8 SOP-8
SOP-14
SOP-8
DIP-8 SOP-8
SOP-8

INTERFACE > CAN Bus

Part No.	Features	Vcc(V)	Number of channels	DC Voltage at Pins 6 and 7	Signaling rate (Max) (MBd)
UCA82C250*	CAN CONTROLLER INTERFACE * Fully compatible with the "ISO 11898" standard * Slope control to reduce Radio Frequency Interference (RFI) * CAN controller interface * An unpowered node does not disturb the bus lines * Thermally protected * Low-current Standby mode * At least 110 nodes can be connected	5	1	-8.0 ~ +18	1
UCA82C251*	CAN TRANSCEIVER FOR 24V SYSTEMS * Fully compatible with the "ISO 11898-24V" standard * Slope control to reduce Radio Frequency Interference (RFI) * Short-circuit proof to battery and ground in 24V powered systems * An unpowered node does not disturb the bus lines * Thermally protected * Low-current Standby mode	5	1	-36 ~ +36	1

Package
SOP-8
SOP-8

INTERFACE > Other Interface

Part No.	Features	Vcc(V)
URCZ1284-XX	<p>Parallel Port Single Termination with $\pm 15\text{KV}$ ESD Protection</p> <ul style="list-style-type: none"> * Highly integrated termination * EMI noise filtering * RFI noise filtering * Withstand +8 kV contact discharge <p>20-Bit Serial to Parallel Converter</p>	5.0
LS3718	<ul style="list-style-type: none"> * 20-Bit serial in parallel out * Cascade connection * Operating voltage $5\text{V} \pm 10\%$ * Hysteresis input 0.5V typ 	5.0
UTDA8024	<p>IC CARD INTERFACE</p> <ul style="list-style-type: none"> * Three specifically protected half-duplex bidirectional buffered I/O lines to card contacts C4, C7 and C8 * Automatic activation and deactivation sequences; initiated by software or by hardware in the event of a short-circuit, card take-off, overheating, VDD or VDDP drop-out * 26MHz integrated crystal oscillator * DC/DC converter for VCC generation separately powered from a $5\text{V} \pm 20\%$ supply (VDDP and PGND) * 3V or $5\text{V} \pm 5\%$ regulated card supply voltage (VCC) with appropriate decoupling has the following capabilities: <ul style="list-style-type: none"> - $\text{ICC} < 80\text{mA}$ at $\text{VDDP} = 4 \sim 6.5\text{V}$ - Handles current spikes of 40nAs up to 20MHz - Controls rise and fall times - Filtered overload detection at approximately 120mA * Built-in debounce on card presence contacts * Supply supervisor for spike-killing during power-on and power-off and Power-on reset (threshold fixed internally) 	3.3

Package
QSOP-28 SSOP-28
SOP-28
TSSOP-28

Other Application IC > Motor drivers

Part No. (勾選方式)	Function (勾選方式)	Features	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	VH(MIN)(V) (Range)	VH(MAX)(V) (Range)	IOUT(MAX)(A) (Range)	Function (勾選方式)
F6908	Motor drivers	Single-Phase Full-Wave Motor Driver IC * Soft Switching Drive for Low Noise * Lock Detection and Automatic Restart Function * Thermal Shut-Down Protection	3	14	-	-	0.7	LD
F1962	Motor drivers	Single-Phase Full-Wave Motor Driver IC * Wide Operating Voltage 5V or 12V Are Both Acceptable * Built-in Hall Amplifier And Hall Bias Circuit * Built-in Lockup And Thermal Protection With Automatic Recovery Circuits * Rotation Detection Output	3.8	16.8	-	-	0.5	FG
F2961	Motor drivers	High Efficient Direct PWM Drive IC * Single phase bipolar drive(16V,1A output transistor built in.) * Built in variable speed function with thermistor input signal. (External excitations direct PWM of upper side transistor control,low noise and low vibration.) * Include re-circulation Diode and external parts are few. * Include Hall bias circuit and thermal shut down circuit.	4.5	16	-	-	1	FG RD
F2962	Motor drivers	High Efficient Direct PWM Drive IC * Single phase bipolar drive(16V,2A output transistor built in.) * Built in variable speed function with thermistor input signal. (External excitations direct PWM of upper side transistor control, low noise and low vibration.) * Include re-circulation Diode and external parts are few. * Include Hall bias circuit and thermal shut down circuit.	4.5	16	-	-	2	FG RD
SK1288	Motor drivers	2-Phase DC-FAN Motor PRE-Driver IC * Wide supply voltage range of 2.5V to 20V * Output current Io(max)=600mA * Operate with Hall element * Lock protection * Auto-restart when the motor lock is undone	2.5	20	-	-	0.6	FG
UF2768	Motor drivers	3-Phase DC-FAN Motor PRE-Driver IC * Three-Phase class sin wave driver method * Three-Phase Full-Wave Sensor-Less Drive Method * Adjustable Forced Commutation Frequency (for Start-up) * Built-in External PWM Speed Control * Built-in Quick Start Function * FG (Rotation Speed Detection) Output	1.8	6	-	-	0.4	FG
F6406/G	Motor drivers	2-Phase DC-FAN Motor PRE-Driver IC * Wide supply voltage range of 2.5V to 30V * Lock protection * Auto-restart when the motor lock is undone * RD(latch-type lockup detection) output (F6406) * FG(frequency generator) output (F6406G)	2.5	30	-	-	0.08	Controller FG RD
UA9406_UA9406G	Motor drivers	2-Phase DC-FAN Motor PRE-Driver IC * Lock Protection * Auto-Restart when the Motor Lock is Undone * Compact 8-pin SOP Package Reduces the Number of External Components Required. * Hall Inputs have a Hysteresis. * Lock Detection for UA9406.	4	28	-	-	0.07	Controller FG RD
UM2640	Motor drivers	2-Phase Unipolar DCB Motor Pre-Driver IC * Wide supply voltage range of 4V~5.5V * Absolute Maximum Voltage 60V * Lock protection. * Auto-restart when the motor lock is undone	4	55	-	-	0.03	Controller LA
F1836	Motor drivers	Low-saturation, Bidirectional Motor Driver for Low-voltage Applications * Operating under low voltage range (Minimum: 2.5V) * Low saturation voltage (only 0.48V for 0.4A) * Parallel connection (only 0.5V for 0.8A) * Built-in Spark killer diodes * Built-in Thermal Shut-Down Protection Function	2.5	9	1.8	9	1	-
F1862	Motor drivers	SINGLE-PHASE FULL-WAVE FAN MOTOR DRIVER * Wide Operating Voltage 5V or 12V Are Both Acceptable * Built-in Hall Amplifier And Hall Bias Circuit * Built-in Lockup And Thermal Protection With Automatic Recovery Circuits * Latch-Type Lockup Detection Output (BD) is Low Duration	3.8	16.8	-	-	0.8	RD
UMD9111	Motor drivers	H BRIDGE DRIVER OF INTERNAL PMOS/NMOS POWER SWITCHES * Built-in anti-common state conduction circuit. * Low output impedance * Low standby current (typ.0.1uA) * Low static operational current	-	5	-	9.6	0.8	-
UMD9113	Motor drivers	H BRIDGE DRIVER OF INTERNAL PMOS/NMOS POWER SWITCHES * Built-in anti-common state conduction circuit. * Low output impedance * Low standby current (typ.0.1uA) * Low static operational current	-	5	-	7	1.8	-
UMD9114	Motor drivers	H BRIDGE DRIVER OF INTERNAL PMOS/NMOS POWER SWITCHES * Built-in anti-common state conduction circuit. * Low output impedance * Low standby current (typ.0.1uA) * Low static operational current If IO is 100mA, RON of power transistor is 1.5Ω If IO is 200mA, RON of power transistor is 1.6Ω If IO is 300mA, RON of power transistor is 1.7Ω * Built-in Subsequent stream diode * No external diode required * Low input current	2.5	5	-	-	0.55	-
UMD9115	Motor drivers	H BRIDGE DRIVER OF INTERNAL PMOS/NMOS POWER SWITCHES * Built-in motor driving power transistors (typ.200mA) * Built-in anti-common state conduction circuit. * Direct control with the CMOS logic * Low standby current (typ.0.1uA)	-	5	-	18	0.2	-
UMD9120*	Motor drivers	LOW VOLTAGE H BRIDGE DRIVER * H bridge driver of internal PMOS/NMOS power switches * Can realize 4 functions (forward, backward, standby, brake) of load motor * Low output impedance * Low standby current (typ.0.1uA)	2.1	6.8	-	-	1	-
UH251	Motor drivers	LOW SATURATION DCB MOTOR DRIVER * Low voltage operation (VDDMIN=VSMIN=1.5V) * Low saturation voltage (Upper transistor + low transistor residual voltage; 0.4V typ. at 300mA, VDD=VS=3V) * Low input current * Break function. Silicon Monolithic Integrated Circuit	1.5	5.5	1.5	5.5	0.75	-
FC8779	Motor drivers	VARIABLE SPEED SINGLE-PHASE FULL-WAVE PRE-DRIVER * Soft-switched drive * Built-in Lock Protection and Auto Restart Function * FG Output	2.2	6	-	-	1	FG
F2867-F/2867-R	Motor drivers	FOR VARIABLE SPEED FAN MOTOR SINGLE-PHASE FULL-WAVE PRE-DRIVER * Pre-driver for single-phase full-wave drive Low-saturation drive using external PMOS-NMOS enables high-efficiency low power-consumption drive. * External PWM input enabling variable speed control Separately-excited upper direct PWM (f=30kHz) control method enabling highly silent speed control. * Current limiter circuit	5.5	16	-	-	0.02	Controller FG RD
F2967	Motor drivers	FOR VARIABLE SPEED FAN MOTOR SINGLE-PHASE FULL-WAVE PRE-DRIVER * Single-phase full-wave drive * Variable speed control with External PWM input * Current limiter circuit * Reactive current cut circuit	6	16	-	-	0.05	Controller FG RD

Other Application IC > Motor drivers

F2970	Motor drivers	FOR FAN MOTOR SINGLE-PHASE FULL-WAVE DRIVER * Single-phase full-wave drive (16V to 1.2A transistors are built in) * Speed adjustment function by thermistor input and external signal incorporated -- Enables silent and low-vibration variable speed control through direct PWM control with separately-excited upper TR * Kick-back absorption circuit are built in * Current limiter function (The limiter value determined with Rf, limit at IO=480mA with RL=1Ω connection,) * Low-consumption, low-loss, and low-noise drive enabled by the soft-switching and current-sharing in the motor drive circuit	4.5	16	3.5	16	1.2	FG
UMD9124*	Motor drivers	* Low standby current (0.1μA typ.) * PMOS and NMOS power transistors with low output resistance If IO is 100mA, RON of power transistor is 1.6Ω If IO is 200mA, RON of power transistor is 1.7Ω * Built-in Subsequent stream diode --No external diode required * Low input current Pull-down resistance is 1.8MΩ typical 1.6μA input current when input voltage is 0V	2.5	5	-	-	0.55	-
UMD9124A	Motor drivers	DC TAIL ROTOR MOTOR, STEERING GEAR MOTOR DRIVE CIRCUIT * Low standby current (0.1μA typ.) * PMOS and NMOS power transistors with low output resistance If IO is 100mA, RON of power transistor is 1.05Ω If IO is 200mA, RON of power transistor is 1.12Ω If IO is 300mA, RON of power transistor is 1.2Ω	2.5	5.5	-	-	0.65	-
UMD9116*	Motor drivers	DRIVER * PWM Interface, IN1/IN2 * 1.8-A Maximum Drive Current * Separate Motor and Logic Supply Pins: -- Motor VM: 0~9.6 V -- Logic VCC: 2.0~7 V * Protection Features VCC pin protection (loadout)	-	7	-	9.6	1.8	nSLEEP
UMD9148*	Motor drivers	DUAL H-BRIDGE MOTOR DRIVER * Dual H-Bridge Motor Driver Single/Dual Brushed DC Stepper * PWM Control Interface * Optional Current Regulation With 20-μs Fixed Off-Time * High Output Current per H-Bridge 2A Maximum Driver Current at 12V and TA=25°C Parallel Mode Available Capable of 4-A Maximum Driver Current at 12V and TA=25°C * 4 to 18V Operating Supply Voltage Range * Low-Current 3-μA Sleep Mode	4	18	-	-	2	nSLEEP
UMD9128*	Motor drivers	DC TAIL ROTOR MOTOR, STEERING GEAR MOTOR DRIVE CIRCUIT * Low standby current (0.1μA typ.) * PMOS and NMOS power transistors with low output resistance If IO is 100mA, RON of power transistor is 1.5Ω If IO is 200mA, RON of power transistor is 1.6Ω	2.5	5	-	-	0.6	-
UMD9117*	Motor drivers	DC TAIL ROTOR MOTOR, STEERING GEAR MOTOR DRIVE CIRCUIT * Low standby current (0.1μA typ.) * Low-Power Sleep Mode(0.08μA typ.) -- nSLEEP PIN * PMOS and NMOS power transistors with low output resistance If IO is 100mA, RON of power transistor is 1.5Ω If IO is 200mA, RON of power transistor is 1.6Ω	2.5	5	-	-	0.55	nSLEEP
UMD9118*	Motor drivers	ELECTRIC TOY DC MOTOR DRIVE CIRCUIT * H bridge driver of internal PMOS/NMOS power switches * Can realize 4 functions (forward, backward, standby, brake) of load motor	2.4	6.5	-	-	1.5	-
UMD9119	Motor drivers	ELECTRIC TOY DC MOTOR DRIVE CIRCUIT * H bridge driver of internal PMOS/NMOS power switches * Can realize 4 functions (forward, backward, standby, brake) of load motor * Low output impedance	-	5	-	6	0.8	-
UMD9137	Motor drivers	LOW-VOLTAGE H-BRIDGE DRIVER * PWM Interface, IN1/IN2 * Low-power Sleep Mode With 120-nA Maximum Sleep Current -- nSLEEP pin * 1.8-A Maximum Drive Current * Separate Motor and Logic Supply Pins: * Wide supply voltage range: 2.3V~12V	1.8	7	-	11	1.8	nSLEEP
MD9110	Motor drivers	* Low quiescent current * Lower saturation voltage * 800mA continuous output current capability per channel * TTL / CMOS compatible output, and can be directly connected to the CPU * Built-in clamp diodes for inductive load	2.5	12	-	-	0.8	-
IR8511	Motor drivers	IR FILTER SWITCH DRIVER * 1.8V input driving pulse * Low standby Current: IQSC<10uA * 2.5V~5.5V operating voltage range * Only one control input and Built-in non-overlap circuit to avoid	2.5	5.5	-	-	0.5	-
L6219	PWM Motor Driver and Controller	Stepper Motor Drive *Interchangeable with SGS L6219 *750mA Continuous Output Current *45V Output Sustaining Voltage *Internal Clamp Diodes *Internal PWM Current Control	-	7	10	45	0.75	-
UA9849	CD/DVD/VCD Motor Driver	3-Phase Motor Drive * Three-phase, full-wave, pseudo-linear drive system. * Built-in power save and thermal shutdown functions. * Built-in current limiter and Hall bias circuits.	4.25	5	3	15	1.3	-
UA1538	CD/DVD/VCD Motor Driver	4-Channel Motor Driver For Portable CD Players * Built-in 4ch H bridge driver and PWM control of load drive voltage is made possible by external components. * DC-DC converter control circuit on chip. * With reset output inversion output pin. * Empty detection level can be switched between rechargeable battery and dry battery. * Constant current charging current value can be varied using	1.5	8	-	-	0.5	-
UA8954	CD/DVD/VCD Motor Driver	4-Channel BYL Driver * Wide dynamic range, (4.0V (typ.) at PreVcc=12V, PVcc=5V, RL=8Ω) * Level shift circuit built in. * Thermal-shut-down circuit built in. * UTC UA8954 is a 4 channel driver for optical disc motor driver. Dual channel current feedback type drivers are built in, in addition to dual channel motor drivers. * Stand-by mode built in. * Separating Vcc into Pre+Power of sled motor, Power of loading motor and Power of actuator, can make better power efficiency, by low supply voltage drive.	4.3	13.2	4.3	13.2	-	-
UA8868*	CD/DVD/VCD Motor Driver	<Actuator driver> 5-Channel BYL Driver for DVD Player * Built-in 5 channel drivers: Dual actuator drivers Sled motor driver Spindle driver	4.3	13.2	4.3	13.2	-	-

Other Application IC > Motor drivers

UA8868S*	CD/DVD/VCD Motor Driver	5 Channel BTL Driver for DVD Player * Built-in 5 channel drivers: Dual actuator drivers Sled motor driver Spindle driver	4.3	13.2	4.3	13.2	-	-
UA9392	CD/DVD/VCD Motor Driver	4 Channel BTL Driver * PWM input is filtered by the internal primary filter, eliminating the need for attached resistors and capacitors, thereby helping reduce the number of components. Resistor and capacitor time constant can be changed with attached components. * Internal mute circuit.	5	10	-	-	-	-
AN6650	General Purpose Motor Controller	DC Motor Speed Control Circuit *Wide Operating Supply Voltage: VCC=1.8V-7V *Few External Components	1.8	7	-	-	1	-
AN8850	General Purpose Motor Controller	DC Motor Speed Control Circuit * Wide range of operating voltage : VCC(opr) =1.8V ~ 12V * 2 package types	1.8	12	-	-	2	-
AN6651	General Purpose Motor Controller	DC Motor Speed Control Circuit *Wide operating supply voltage: VCC=3.5V ~ 14.4V *Small four-lead plastic packer for compact motor. *Few external components	3.5	14.4	-	-	2	-
1470	General Purpose Motor Controller	DC Motor Speed Regulators *Excellent Versatility in use. *High Output current. *Low Quiescent current	3.5	16	-	-	2	-
BA6220	General Purpose Motor Controller	DC Motor speed Regulator * Wide range of working power supply voltage range (VCC= 3.5V - 16V). * Very large starting torque at the low voltage.	3.5	16	-	-	0.2	-
BA6208	General Purpose Motor Controller	Reversible Motor Controller * Recommended operating supply voltage range from 4.5V to 15.0V. * Built-in motor driving power transistors(typ.100mA). * Brake is applied when stopping the motor (when Ain and Bin are both HIGH level). * Very low standby circuit current/when Ain and Bin are both LOW	4.5	15	-	-	0.2	-
UA9287	General Purpose Motor Controller	Reversible Motor Driver * With the VREF Pin, Output Voltage can be Set Arbitrarily. * The Current Dissipation can be Suppresses with Power Saving Circuit Built-In when in Stop Mode. * Thermal Shutdown Circuit Built-In. * Interfaces with TTL Devices.	3.5	15	-	-	1	-
AN6652	General Purpose Motor Controller	DC Motor speed Regulation IC *Small four-lead plastic package for compact motor. Fewer external parts. *Stable low reference voltage (1.25V typ.), wide motor speed setting *Highly stable operation over a wide range of supply voltage	6	20	-	-	1.5	-
AN6652A	General Purpose Motor Controller	MOTOR CONTROL CIRCUIT *Small four-lead plastic package for compact motor. Fewer external parts. *Stable low reference voltage (1.25V typ.), wide motor speed setting *Highly stable operation over a wide range of supply voltage and torque supply voltage, VCC=6V~20V *Reverse voltage protection circuit is built-in.	6	20	-	-	1.5	-
UMD9127	Motor drivers	ONE CHANNEL HIGH VOLTAGE POWER DRIVER * Low standby current (0.1µA typ.) * Low-Power Sleep Mode(0.08µA typ.) nSLEEP PIN * PMOS and NMOS power transistors with low output resistance If IO is 100mA, RON of power transistor is 1.4Ω If IO is 200mA, RON of power transistor is 1.5Ω	2.5	5.5	2.3	5	0.55	nSLEEP

Package (封装方式)
SOP-8 HSOP-8 MSOP-8
MSOP-10 SSOP-10
SSOP-16 TSSOP-16 TSSOP-20 HTSSOP-14 DFN4030-14
TSSOP-16 TSSOP-20
SOP-8
MSOP-10 DFN3030-10
SOP-8
SOP-8 MSOP-8
SOP-8 MSOP-8
SOP-14
SSOP-10
SOP-8
DIP-8
SOT-26
SOP-8
SOP-8
SOP-8
MSOP-8
TSSOP-16 SSOP-16
TSSOP-20 SSOP-20

SOP-18
SOT-26
SOT-26
SOP-8
TSSOP-16
DFN3030-10
DFN2020-8
SOP-8
SOP-8
DFN2020-8 HSOP-8 SOP-8
SOP-8
SOT-26
SOP-24
HSOP-28
QFP-44
HSOP-28
HSOP-28

HSOP-28
HSOP-28
DIP-8 SOP-8
DIP-8
TO-126B
TO-126B
DIP-8 SOP-8
DIP-8 SOP-8 SIP-9 MSOP-8
SOP-8 DIP-8
TO-126B
TO-126B
DFN2020-8

Other Application IC > Telecommunication Circuit & Radio Circuit

Part No. (勾選方式)	Function (勾選方式)	Features	V _{CC} (V)
LS1240A	Ringer	Electronic Tone Ringer with built-in Bridge Rectifier * Low current consumption. * Integrated rectifier bridge with zener diodes to overvoltage Protection. * Minimum external circuitry. * Both frequency of tone and switching are adjustable by telephone tone ringer	26
31002A	Ringer	*Designed for telephone bell replacement. *Low current drain for multiple extension of lines. *Adjustable 2-frequency tone. *Adjustable warbling rate. *Built-in hysteresis prevents false triggering and rotary dial Telephone Tone Ringer	29
TA31001	Ringer	*Designed for Telephone Bell Replacement. *Low Current Drain for Multiple Extension of Lines. *Adjustable 2-Frequency Tone. *Adjustable Warbling Rate. *Built-in Hysteresis Prevents False Triggering and Rotary Dial Telephone Tone Ringer	29
TA31002	Ringer	*Current consumption is small. (at no-load) *Package is compaction. (DIP-8 pin) *Oscillation frequency is variable. *Built-in threshold circuits prevent false triggering due	29
TEA1098	Telephone Speech IC	Speech and Handsfree IC Line interface *Operating voltage down to 1.6 V. *Built-in adjustable DC voltage regulator. *Transmitting amplifier usable with dynamic, magnetic, electret	12
TEA1098A	Telephone Speech IC	SPEECH AND HANDSFREE IC Line interface *Operating voltage down to 1.6 V . *Built-in adjustable DC voltage regulator *Transmitting amplifier Usable with dynamic, magnetic ,	12
TEA1062N/AN	Telephone Speech IC	Low Voltage Transmission Circuit with Dialler Interface * Low d.c. line voltage; operates down to 1.6V (excluding polarity guard). * Voltage regulator with adjustment static resistance. * Provides supply with limited current for external circuitry. * Symmetrical high-impedance inputs (64kΩ) for dynamic, magnetic or piezoelectric microphones. * Asymmetrical high-impedance inputs (32kΩ) for electrets microphones. * DTMF signal input with confidence tone. * Mute input for pulse or DTMF dialing	12
TEA1110A	Telephone Speech IC	Low Voltage Versatile Telephone Transmission Circuit with Dialler Interface Low DC line voltage; operates down to 1.6V (excluding voltage drop over external polarity guard) * Voltage regulator with adjustable DC voltage * Provides a supply for external circuits * Symmetrical high impedance inputs (64kΩ) for dynamic, magnetic or piezo-electric microphones * Asymmetrical high impedance input (32kΩ) for electric	12
L6726	Telephone Speech IC	Universal Speech Circuit *Minimum number of inexpensive external components, 5 capacitors and 11 resistors. *Mute function for operation with DTMF-generator. *Transmit and receive gain regulation for automatic loop loss compensation. *Extended current and voltage range 5~130mA, down to 2V. *Differential microphone input for good balance to ground. *Balanced receiver output stage.	22
L38812	Voice Switched Speaker-phone IC	Voice Switch Circuit for Handsfree Speakerphone TAM * Low power consumption, 1.0mA in all at the typical voltage 3.3V * Background noise compensation in the transmitting channel with hold function. * Good noise performance.	3.3

Other Application IC > Telecommunication Circuit & Radio Circuit

MC34118	Voice Switched Speaker-phone IC	Voice Switched Speaker-Phone Circuit * Attenuator gain range: 52dB (between Transmit and Receive) * For line-powered applications : 3~6.5V low voltage operation * For improved sensitivity :4-point signal sensing * For Transmit and Receive paths: background noise monitors * External resistors set microphone amplifier gain * Mute function included * Chip disable: active or standby operation	3.5 ~ 6.5
MC34118A	Voice Switched Speaker-phone IC	Voice Switched Speaker-Phone Circuit * Attenuator gain range: 52dB (between Transmit and Receive) * For line-powered applications : 3.5~6.0V low voltage operation * For improved sensitivity :4-point signal sensing * For Transmit and Receive paths: background noise monitors * External resistors set microphone amplifier gain * Mute function included	3.5 ~ 6.0
MC33218	Voice Switched Speaker-phone IC	Voice Switched Speaker-Phone with Microprocessor Interface * Supply Voltage Range: 2.7V ~ 6.5V * Attenuator Range: 53 or 27 dB (selectable) * 2 Point Sensing with background Noise monitor in each path * Microprocessor port for control of: Volume control(40dB range over 16 levels) Mute microphone amplifier Force to receive transmit, or idle modes Attenuator range selection(27 or 53dB) *includes are amplifiers, attenuators, level detectors and control	2.7~6.5
MC34018	Voice Switched Speaker-phone IC	Voice Switched Speaker-Phone Circuit * Chip Select pin for Power conservation (active/standby mode). * Integrated all necessary active circuitry for a hand-free telephone into one single chip. * Operating under wide dynamic range through signal compression technology. * Build-In voltage regulators illuminate external regulators for lining operation	6.0~11.0
UA31136	For Cordless Phone	FM IF Detector IC for Cordless Telephone * Low operation voltage: VCC = 1.8 ~ 5.5V * Excellent temperature characteristics * High sensitivity 12dB sensitivity: 11dB μ V EMF (Input 50 Ω) * High intercept point: 96dB μ V (Input 50 Ω) * Quadrature detector, both ceramic and coil discriminators are	1.8~5.5
MC3361BP	For Cordless Phone	Low Voltage/Power Narrow Band FM IF *Low power consumption (4.0mA typ. at Vcc=4.0V) *Excellent input sensitivity(-3dB limiting, 2.0 \square Vrms typ.)	2.5~7.0
3362	For Cordless Phone	Low Power PSK IF IC * Operation Voltage: 3.5V ~ 5.5V * Low current consumption: 2.1mA@ VDD=3.5V * Operating frequency up to 20MHz	3.5~5.5
8507	For Cordless Phone	4mA Compaander * Wide Supply Voltage (2.4 ~ 7V) * Easy Gain Control	7.0
UTA31101	For Cordless Phone	Compaander IC For Cordless Telephone * Wide operating supply voltage range: VCC=1.8~9V * For noise reduction, compressor and expander are incorporated into a package. * Low operating supply voltage and small consumption current make this IC suitable for its application to the sets using the	9.0
ULA1235	For Cordless Phone	FM IF System Applications * IF amplifier, limiter. * Tuning meter null circuit. functions * AF preamplifier. * Signal intensity muting drive output. * Quadrature detection	14
L2572	Radio Circuit	Wideband Pll FM Demodulator * Constant voltage and constant current control * Single chip PLL system for wideband FM demodulation * Simple low component count application * Allows for application of threshold extension * Fully balanced low radiation design * High operating input sensitivity	7.0
LAG665F	Radio Circuit	1-Chip Radio and Cassette Circuit Recorder. *1-Chip stereo tape recorder with motor speed controller. *Operating supply voltage range: VCC=2~5V	7.5

Other Application IC > Telecommunication Circuit & Radio Circuit

7642	Radio Circuit	1-Chip AM Radio Circuit *Low operating voltage: Down to VCC=1.3V Frequency and Clock Display Driver	6.0
6610	Radio Circuit	* FM input with pre-scalar for radio frequency up to 150 MHz * AM input for radio frequency up to 30 MHz * 3 common, 13 segment, 1/3 bias LCD display drivers which supports 4 digits LCD display * On chip oscillator for external 32.768kHz crystal * 10.7 MHz / 70 kHz I.F. frequency offset for FM signal and	7.0
UA1191	Radio Circuit	AM/FM Radio	9.0
KA22427	Radio Circuit	1-Chip AM/FM Radio Circuit *Low external components count. *Wide operating voltage: 3 - 12 V.	11.0
TA7613AP	Radio Circuit	1-Chip AM/FM Radio IC *Low external components count. *Wide operating voltage: 3 - 13 V.	11.0
A6043	Radio Circuit	FM Stereo Multiplex * Low and wide operation: VCC= 3V~12V * High pilot lamp ON sensitivity: VL(ON) = 9mVrms (Typ.) * Suitable for LED driving: ILAMP = 20mA (Max.) * Recommendable input voltage range: VIN = 200~700mVrms * Low distortion: THD = 0.08% (Typ.) at VIN = 200mVrms(Stereo)	12.0
A6225	Radio Circuit	Dual Pre-Amplifier * Dual pre amplifier for car or home stereo use. * High voltage gain: GVO = 100dB (Typ.) at f= 1kHz. * Excellent channel separation and high ripple rejection : CS = 65dB(Typ.) (f = 10kHz RG = 2.2kΩ VOUT= 0dBm)	16.0
BA3308	Radio Circuit	Dual Pre-Amplifier with ALC * Wide operating power supply voltage range (VCC =4.5V ~ 14V) * Power-on mute circuit to avoid "pop" noise generation. * No input coupling capacitors are necessary	16.0
KA22241	Radio Circuit	Dual Equalizer Amplifier with ALC * Dual equalizer amplifier with built-in ALC circuit * Low noise VNI=1.0μV(Typical) * High open loop voltage gain: Gv=80dB(Typical) * Good ALC response balance between channels	16.0
UTC571N	Radio Circuit	Compressor * Complete compressor and expander in one Chip * Temperature compensated * Greater than 110dB dynamic range	6.0 ~ 18
ULA1145	Radio Circuit	IF Pre-system (Quality Detector) for Car Radio * Built-in IF count buffer circuit and microprocessor-controlled switch circuit for ETR * High S/N * Wide range output * More simplified design	6.0 ~ 18

Package (勾选方式)
DIP-8 SOP-8
DIP-8 SOP-8
DIP-8
DIP-8
SOP-40 SSOP-40
SOP-40 SSOP-40
DIP-16 SOP-16
DIP-14 SOP-14
SOP-18 DIP-18
DIP-18 SOP-16

SSOP-28 SOP-28 SDIP-28 DIP-28
SOP-28
DIP-24 SOP-24
DIP-28 SOP-28 SSOP-28 SDIP-28
TSSOP-16
DIP-16 SOP-16 TSSOP-16
SOP-8
DIP-20 SOP-20
DIP-16 SOP-16 TSSOP-16
DIP-16 SOP-16
SOP-16
SOP-28

TO-92 SOT-23
QFP-48
DIP-28 SOP-28
DIP-16
DIP-16
SIP-9
SIP-9
TSSOP-14 SOP-14 SIP-9
SOP-14 SIP-9
SOP-16 SOP-16(W)
HTSSOP-20

Other Application IC > Remote Controller

Part No. (勾選方式)	Function (勾選方式)	Features	Vcc(V)	Package (勾選方式)
RCR6C	Remote Controller for Toy Car	Decoder for Remote Controller with Seven Functions (Forward/Backward/Turbo/Right-turn/Left Turn/Two) * Operating voltage range: 2.4V~4.5V * RCR6C-A built-in 3.6V ZENER RCR6C-B built-in 4.2V ZENER RCR6C-C built-in 5.0V ZENER	2.4 ~ 4.5	DIP-18 DIP-20
RCT6	Remote Controller for Toy Car	Decoder for Remote Controller with Seven Functions (Forward/Backward/Turbo/Right-turn/Left Turn/Two) * Operating voltage range: 2.0V ~ 5.0V * RCT6-A built-in 3.6V ZENER RCT6-B built-in 4.2V ZENER RCT6-C built-in 5.0V ZENER	2.0 ~ 5.0	DIP-16
RCT2E	Remote Controller for Toy Car	Encoder for Remote Controller with Five Functions (Forward/Backward/Turbo/Right/Left) * Wide and Low operating voltage range: 1.8V ~ 5.0V * 5-function remote controller controlling forward/ backward/ turbo/ right/ left. * Provide two transmissive interface (RF and IR) for different application. * Auto Power-OFF function * Few external components needed and Oscillator with an external resistor.	1.8 ~ 5.0	DIP-14 SOP-8
RCR2C	Remote Controller for Toy Car	Decoder for Remote Controller with Five Functions (Forward/Backward/Turbo/Right/Left) * Wide and Low operating voltage range: 1.8V ~ 5.0V(No DC-DC) 1.0V ~ 5.0V(Use DC-DC) * 5-function output pins for control forward/ backward/ turbo/ right/ left. * Provide two transmissive interface (RF and IR) for different application. * Selectable Output Signal Format through MOD pin * Internal, Selectable DC-DC converter which need few external components * Provide two high effective amplifiers and enhance signal.	1.8 ~ 5.0	DIP-16 SSOP-10
RCR2E	Remote Controller for Toy Car	Decoder for Remote Controller with Five Functions (Forward/Backward/Turbo/Right/Left) * The UTC RCR2E works as decoder * RCR2E-A have not ZENER RCR2E-B built-in 3.6V ZENER * Five Pins for five control functions * Operating power-supply voltage: SOP-16: 2.0V ~ 5.0V DIP-16: 2.5V ~ 5.0V	2.0 ~ 5.0	DIP-16 SOP-16
RCR02*	Remote Controller for Toy Car	Decoder for Remote Controller with Five Functions *Five output pins for control functions *Operating power-supply voltage range: 2.5 to 5.0V *On-chip reversing amplifiers *On-chip oscillator with an external resistor	2.5 ~ 5.0	DIP-16 SOP-16
RCT02*	Remote Controller for Toy Car	Encoder for Remote Controller with Five Functions *Five input pins used for five control buttons *Operating power-supply voltage range: 2.5 ~ 5.0V *Auto-power-off if no press on any button in 4 minutes or continuously press on any button over 4 minutes *Manual-power-on/off with ON/OFF button *One control pin used for external power control.	2.5 ~ 5.0	DIP-14 SOP-14
RCR5	Remote Controller for Toy Car	Decoder for Remote Controller with Five Functions * Operating voltage range: 2.4V~4.0V * Built-in 4.2V zener * Few external components needed * 9-function remote controller controlling Forward/ Backward/ Turbo/ Right-turn/ Left-turn/ four function keys	2.4 ~ 4.0	DIP-22
UT912D	Decoder or Encoder IC	Decoders for Remote Controller * Pair with UTC UT912E * Operating voltage: 2.4V ~ 12V * Low power and high noise immunity CMOS technology * Low standby current * Built-in oscillator needs only 5% resistor * Binary address setting * Received codes are checked 3 times	2.4 ~ 12.0	DIP-18 SOP-20
UT912E	Decoder or Encoder IC	Encoders for Remote Controller * Operating voltage: 2.4V ~ 12V * Low power and high noise immunity CMOS technology * Low standby current (0.1µA (typ.) at VDD=5V) * Minimum transmission word (Four words)	2.4 ~ 12.0	DIP-14 DIP-18 SOP-16 SOP-20
M3000	Decoder or Encoder IC	PIR Infrared Remote Control Circuit * Low Power CMOS Technology * CMOS High Input Impedance Operational Amplifiers * Bi-Directional Level Detector / Excellent noise Immunity * Built-in Power up Disable & Output Pulse Control Logic	3.0 ~ 5.0	SOP-16
UT8803	Decoder or Encoder IC	PIR Infra-red Remote Control Circuit * High Noise Immunity. * Output drivable RELAY or TRIAC. * Contain two OP amps, gain adjustable. * Control time adjustable.	4.5 ~ 5.5	DIP-16
RBA5104	Remote Fan Control IC	Fan Remote Control Encoder * Wide operation voltage: VCC=2.2~4.0V * Noise immunity technique * 2 bits custom code * 8 input channels maximum	2.2 ~ 4.0	DIP-16
RBA8206	Remote Fan Control IC	Remote Fan Control IC * Low power consumption * Three speed modes: Strong, Middle and Low * Three operation modes: Ordinary, Nature and Rhythm Sleep * Work mode memory	3.0 ~ 6.0	DIP-20

Other Application IC > Leakage Current Detector

Part No.	Features	V _{CC} (V)	Package
GF2140	Low Power 2-Wire Ground Fault Interrupter * Directly powered from the AC line * Built-in bridge rectifier * Interface to SCR	6.5 Regulated	SOP-8
GF4141	LOW POWER GROUND FAULT INTERRUPTER * Powered from the AC line * Low quiescent current * Built-in diode rectifier	26 VREG	SOP-8
GF4146	GROUND FAULT INTERRUPTER * For Two-Wire ALCI and RCD Applications * Precision Sense Amplifier and Bandgap Reference * Built-in AC Rectifier	16	SOT-26
GF4147	GROUND FAULT INTERRUPTER * For GFCI and RCD Applications * Built-in AC Rectifier * Built-in Noise Filter	12.7 VREG	SOT-26
GF4149	GROUND FAULT INTERRUPTER * Precision Sense Amplifier and Bandgap Reference * Low-VOS Offset * Built-in Noise Filter	14 VREG	SOT-26
M54133	Earth Leakage Current Detector(EIOH1&2 = ±20%) * Improvement of ability against unwanted tripping by lightning-surge and lightning impulse.	7.0 ~ 12.0	SOP-16

Other Application IC > Leakage Current Detector

Part No.	Features	V _{CC} (V)	Package
M54133A	EARTH LEAKAGE CURRENT DETECTOR * Improvement of ability against unwanted tripping by lightning-surge and lightning impulse Earth Leakage Current Detector (EIOH1&Z = ±10%)	7.0 ~ 12.0	SOP-16 SOP-16N
M54134	* Improvement of ability against unwanted tripping by lightning-surge and lightning impulse Earth Leakage Current Detector	7.0 ~ 12.0	SOP-16 SOP-16N
M54123L	* With good input sensitivity current temperature characteristics * High input sensitivity :VT=6.1mV (Typ.)	Vz=12.0V(Min)	DIP-8 SOP-8 SIP-8
M54123B*	EARTH LEAKAGE CURRENT DETECTOR * With good input sensitivity current temperature characteristics	Vz=12.0V(Min)	SOP-8
M54223	* With good input sensitivity current temperature characteristics * High input sensitivity :VT=6.1mV (Typ.) Ground Fault Interrupter	Vs=12.0V(Min)	DIP-8 SOP-8
GM1851	* Internal power supply shunt regulator * Externally programmable fault current threshold * Externally programmable fault current integration Low Power Ground Fault Interrupter	Vz=26.0(Typ)	DIP-8 SOP-8
GV4145A	* No potentiometer required * Direct interface to SCR * Supply voltage derived from AC line-26V shunt	Vz=26.0(Typ)	DIP-8 SOP-8
M54147*	CMOS LEAKAGE PROTECTION CIRCUIT * AC power supply * Drive SCR, the output pulse width greater than 30ms * Used to detect the A and AC signal * Same higher accuracy for different leakage signal * Excellent immunity to EMC * 110V~220V(50~60Hz)	4.7~4.9	SOP-8
M54149*	CMOS LEAKAGE PROTECTION CIRCUIT * AC power supply * Drive SCR, the output pulse width greater than 30ms * Used to detect the A and AC signal * Same higher accuracy for different leakage signal * Delay by external capacitor * 110V~220V(50~60Hz) * Width temperature range (TA=-30~+85°C) * Available in SOP14 packages	4.65~4.95	SOP-14

Other Application IC > Automotive IC

Part No.	Features	V _{CC} (V)	Package
93334	High Energy Ignition Circuit * Very Low Peripheral Component Count * No Critical System Resistors * Wide Supply Voltage Operating Range (4.0V ~ 24V) Ignition Controller of Motorcycle	4.0~24.0	SOP-8
M4213	* Power supply by magnetolectric motor and clamping at 9.2V * Less external components and wide applicability Hall Effect Pickup Ignition Controller	9.0~9.5	DIP-14 SOP-14
UL497	* Direct driving of the external power darlington * Coil current charent charging angle control * Programme coil current peak limitation * When 94% nominal current not reached programmable dwell recovery time	3.5	SOP-16
UU6043B	Single Output Flasher IC for 18mohm shunt Temperature and supply voltage compensated frequency * Warning indication of lamp failure by means of frequency doubling * Relay driver output with high current carrying capacity and low	9.0~15.0	SOP-8 DIP-8
UU4761	FLASHER IC * The static operating current <5mA * Wide operating voltage range	9.5~18.0	SOP-8 DIP-8
U2043	Flasher, Shunt, Pilot Lamp to GND or Vbatt *Temperature and voltage compensated frequency *Warning indication of lamp failure by means of frequency doubling * Minimum lamp load for flasher operation >10 W	9.0~15.0	SOP-8 DIP-8
L2044	Dual Output Flasher * Temperature and Supply Voltage Compensated Flashing Frequency * Frequency Doubling Indicates Lamp Fault. * Two Relay Driver Outputs with High Current-carrying Capacity and Low Saturation Voltage	8.0~18.0	SOP-14 DIP-14
LL204	DUAL OUTPUT FLASHER * Temperature and supply voltage compensated flashing frequency * Frequency doubling indicates lamp fault. * Two relay driver outputs with high current-carrying capacity and low	8.0~18.0	SOP-14 DIP-14
UU6032B	Automotive toggle switch IC * Relay driver with Z-diode * RC oscillator determines switching characteristics	6.0~16.0	SOP-8 DIP-8
UU6046B	Rear window heating timer * Delay time range: 3.7s to 20h * Relay driver with Z-diode * RC oscillator determines switching characteristics	6.0~16.0	SOP-8 DIP-8
UU6047B	Rear window heating timer * Delay time range: 3.7s to 20h * Relay driver with Z-diode * RC oscillator determines switching characteristics * Debounced input for toggle switch * Two debounced inputs: ON and OFF	6.0~16.0	SOP-8 DIP-8
UU642	INTERVAL AND WIPE/WASH WIPER CONTROL IC * After-wiping time: 2s~20s * Interval pause: 4s~20s * Wipe/wash mode priority * Wiper motor's park switch * Relay driver with Z-diode	9.0~16.5	SOP-8 DIP-8
UAC33092	Alternator Voltage Regulator *Forced Load Response Control (LRC) with Heavy Load Transitions at Low RPM *Capable of Regulating Voltage to ±0.1 V @ 25°C *Operating Frequency Selectable with One External Resistor * < 0.1 V Variation over Speed Range of 2000 to 10,000 RPM * < 0.4 V Variation over 10% to 95% of Maximum Alternator Output *Maintains Regulation with External Loads as Low as 1.0 A *Low-Drop Voltage Regulation of Lamp, Field Control Devices, and Loads	11.5~16.5	SOP-20 SOP-24
UAC33092A	* Forced load response control (LRC) with heavy load transitions at low RPM * Voltage regulated to ± 0.1V @ 25°C * External resistor adjustable operating frequency * Regulation is effective with loads as high as 1.0A	11.5~16.5	SOP-20

Other Application IC > Automotive IC

Part No.	Features	V _{CC} (V)	Package
UU4793	Overload Monitoring with Resistive Load, VT = 44.5 mV * Two common reference comparators * Tight threshold tolerance * Constant threshold	9.0~15.0	SOP-8
UL9480	A VOLTAGE REGULATOR FOR CAR ALTERNATOR * No external components * Precise regulated voltage * High output current * Very low start voltage * Precise temperature coefficient	14.4	TO-220
UL497	Hall Effect Pickup Ignition Controller * Direct driving of the external power darlington * Coil current charent charging angle control * Programme coil current peak limitation * When 94% nominal current not reached programmable dwell recovery time	3.5	SOP-16
UMC79076	ELECTRONIC IGNITION CONTROL CIRCUIT * Input of Hall or Variable Reluctance Sensor * Control of Output On-Time (Dwell) * Dwell Feedback Control to Sense Coil Variation	-	DIP-16
UH8615	Current Mode Control High Current FET Drive Output * Current Mode Control * Fixed Frequency Operation * Regulates Lamp Power and Temperature Compensation.	5~18	DIP-16

Other Application IC > FET Bias Controller

Part No. (有源方式)	Features	Number of Channels (有源方式)	Function (有源方式)	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Icc (uA) TYP. (Range)	Icc (uA) Max (Range)	VD (V) (有源方式)	ID (mA) (有源方式)	Vsub (V) (有源方式)
L8002	4 Channels FET Bias Controller * Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs * Drive up to four FETs * 7.5V supply voltage	4	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	2.375	2.625	6	10	2	9.5	-2
L8011	4 Channels FET Bias Controller * Can Bias up to 4 FETs * Drain Current Adjustable by Two External Resistors. * Two Sets of Drain Current can be Setted.	4	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	3.3	6	-	10	2	10	-2.5
L8012	4 Channels FET Bias Controller * Can Bias up to 4 FETs * Wide supply voltage range: 3V~8V * Low quiescent supply current, 1.2mA typical * FET drain voltages set at 2.0V * Adjustable FET device operating current * FET drain voltages and currents held stable over temperature and VCC variations * Built in FET device protection circuit * Low external component count	4	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	3	8	1	4	2	15	-2.65
L8013	4 Stage FET LNA Bias Controller * Provides Bias for up to 4 GaAs and HEMT FETs * Operating Range of 2.1V to 5V * Ultra-low Operating Current of 0.95mA * Dynamic FET Protection * Amplifier FET Drain Voltages set at 2.0V * Regulated Negative Rail Generator Requires only 1 External Capacitor * Expanded Temperature Range of -40°C to +105°C	4	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	2.1	5	0.95	2	2	10	-2.0
L8010	6 Channels FET Bias Controller * Can bias up to 6 FETs * Drain current adjustable by two external resistors. * Two sets of drain currents can be set.	6	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	5	12	-	15	2.2	10	-3
L8015	6 Channels FET Bias Controller * Low quiescent supply current, 1.6mA typical * Six stage FET bias controller, low configurable as mixer stages * Operating range of 3.0V to 8.0V * Amplifier FET drain voltages set at 2.0V, mixer drain voltage set at 0.25V * Amplifier FET drain current selectable from 0 to 15mA, mixer current from 0 to 7.5mA * Switchable FETs for power management * FET drain voltages and currents held stable over temperature and VCC variations * FETs protected against overstress during power-up and power-down. * Internal negative supply generator allowing single supply operation (available for external use) * Low external component count	6	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	3	8	1.6	4	2	10	-2.65
L8011	6 Channels FET Bias Controller * Built in FET device protection circuit * Adjustable FET device operating current * Stable bias control for GaAs and HEMT FETs * Drive up to six FETs * Wide supply voltage range	6	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	3.3	6	-	10	2	10	-2.5
L8012	6 Channels FET Bias Controller * Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs * Drive up to six FETs * 7.5V supply voltage	6	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	2.375	2.625	6	10	2	9.5	-2
L8020	Dual Polarisation Switch Twin LNB Multiplier Controller * Avoid external components * Provides polarity detection and control * Temperature compensated input threshold * Normal and inverted output available while wide supply operating range * Simplify the design	2	* Voltage detection	5	12	-	10	-	-	-
L8012	Dual Tone and Polarity Switch For LNB Multiplier Controller * Dual channels multiplexing with low external component counts	2	* Voltage detection * 22kHz tone detector	5	8	9	12	-	-	-
L8312	Dual Polarization and Tone Switch Controller * Direct Drive PIN Diode and Multiplexer IC * High Supply Voltage	2	* Voltage detection * 22kHz tone detector	5	9	10	-	-	-	-
L8200/A	Single LNB-Bias, Control And Power Management Solution. * Single chip LNB bias, control and power management * Integrated regulated supply for LNB * Zero Gate FET switching * Voltage detection for polarization switching * 22kHz tone detector with signal rejection for band switching * Programmable mixer and FET bias	4	* Integrated regulated supply for LNB * Voltage detection * 22kHz tone detector * Programmable mixer and FET bias	8V	22V	2	3	1.95	9.5	-2.4
L8211	3 Channels FET Bias Controller With Polarization Switch and Tone Detection * Three outputs that can drive up to 3 FETs * Drain current adjustable by external resistor. * HB and LB switch for LNBs. * Band switching by 22kHz tone detection	3	* Three outputs that can drive up to 3 FETs * Voltage detection * 22kHz tone detector	5	10	6	15	2	10	-3
L8113	3 Channels FET Bias Controller With Polarization Switch and Tone Detection * High-accuracy voltage detection circuit * Two types of cell-balance function: charge/discharge * Control charging, discharging, cell-balance by CTL,CTLD pins * Low current consumption: 8.0uA max	3	* Three outputs that can drive up to 3 FETs * Voltage detection * 22kHz tone detector	5	10	-	15	2.2	10	-3
L8115	3 Channels FET Bias Controller With Polarization Switch and Tone Detection * Can bias up to 3 FETs * HB and LB switch for LNBs. * Drain current adjustable by external resistors. * Band switching by 22kHz tone detection	3	* Three outputs that can drive up to 3 FETs * Voltage detection * 22kHz tone detector	5	10	8.5	15	2.2	10	-2.8
L8221	Single LNB-Bias, Control and Power Management Solution * Single chip LNB bias, control and power management * 22kHz tone detector with signal rejection for band switching * Zero Gate FET switching * Voltage detection for polarization switching * Programmable mixer and FET bias * Temperature compensated protected FET bias	2	* Integrated regulated supply for LNB * Voltage detection * 22kHz tone detector	8	22	2	3	2	10	-2.5
L81102	DSSEQ Switch IC * Single supply voltage 3.0V~3.0V * Support DSSEQ 1.0/ 1.1 and Tone Burst command * Selectable 4x1 and 2x1 application. * Drives up to four switches * Position and option switch command. * SOP8 surface mount package	4	* Support DSSEQ 1.0/ 1.1 and Tone Burst command	3.9	5.5	0.15	0.3	-	-	-

Package (包裝方式)
SOP-16
SSQP-16(150mil)
QFN-16(3X3) SSQP-16
QFN-16(3X3)
SSQP-20(150mil)
QFN-20(4X4)
SSQP-20(150mil)
SSQP-20(150mil)
SOP-8 MSOP-8
SSQP-16(150mil)
SSQP-16
TSSQP-16 QFN-16(3x3)
SSQP-20(150mil)
SSQP-20(150mil)
SSQP-16(150mil) SSQP-20(150mil)
MSOP-8
SOP-8

OTHER APPLICATION IC > Timer IC

Part No. (勾選方式)	Features	Function (勾選方式)	Number of Channels (勾選方式)	Vcc (V)Min (Range)	Vcc (V)Max (Range)	Iq (mA) (Range)
C555	Single Timer <ul style="list-style-type: none"> * Timing from microseconds through hours * High speed operation – 500kHz * Wide operation supply voltage range – 7 to 15 voltages * Low Supply Current –0.2mA * Operates in both astable and monostable modes * High output source/sink driver can drive TTL / CMOS * Adjustable duty cycle 	<ul style="list-style-type: none"> * Low Supply Current * Adjustable duty cycle 	1	7	15	0.6
LM556	Dual Timer <ul style="list-style-type: none"> *High Current Driver Capability(=200mA) *Adjustable Duty Cycle *Timing From μSec to Hours *Temperature Stability of 0.005%/°C *TTL Compatible *Operates in Both Astable and Monostable Modes 	<ul style="list-style-type: none"> * High output source/sink drive * Adjustable duty cycle 	2	4.5	16	30
NE555	Single Timer <ul style="list-style-type: none"> *High current driver capability (=200mA). *Adjustable duty cycle. *Timing From μSec to Hours *Turn off time less than 2 μs. *Operates in both astable and monostable modes. 	<ul style="list-style-type: none"> * High output source/sink drive * Adjustable duty cycle 	1	4.5	16	15
USA555	Precision Timer <ul style="list-style-type: none"> * Astable or monostable operation * Low turn off time * Operates in both astable and monostable modes * Timing from microseconds to hours * Adjustable duty cycle * TTL-compatible output can sink or source up to 200mA 	<ul style="list-style-type: none"> * High output source/sink drive * Adjustable duty cycle 	1	4.5	16	15

Package (勾通方式)
DIP-8 SOP-8 MSOP-8
DIP-14 SOP-14
DIP-8 SOP-8 TSSOP-8
DIP-8 SOP-8

Other Application IC > Miscellaneous

Part No. (勾選方式)	Function (勾選方式)	Features	V _{CC} (V)
L88312	SHORT CIRCUIT PROTECT BLOCK FOR LNB	SHORT CIRCUIT PROTECT BLOCK FOR LNB * Wide operating voltage range: 8V~32V * Low on resistance:320 mΩ * Constant current set by external resistor * Thermal shutdown	8~32
A2804	Zero Voltage Switch	Zero Voltage Switch *Easy operation either through the AC line or a DC supply. *Supply voltage control. *Very few external components. *Symmetrical burst control-No DC current components in the load circuit *Negative output current pulse up to 250mA-short circuit protection. *Reference voltage output	8.2
A6966	5 DOT LED Level Meter	5 DOT LED Level Meter * Low Spurious Noise Operation. * Constant Current Output: IOUT=8mA (Typ.) * Indication Level Steps: 5dB, 5dB, 3dB, 3dB * Wide Operating Supply Voltage Range: VCC = 4~ 12V * Variable Input Amplifier Gain: GV = 0 ~ 20dB	14
LA2284/A	5 DOT LED Level Meter	5-DOT Dual LED Level Meter Driver *High gain rectifying amplifier included (Gv=26dB) *Low radiation noise when LED turns on *Logarithmic indicator for 5-dot LED of bar type *Constant current output(15mA) *Wide operating supply voltage *Not necessary diode or transistor for ALC	3.0/3.5 ~ 16.0
UA8316	IGBT Driver	IGBT Gate Driver * A high current can directly drive IGBT * Can directly control from a microcontroller Source current: -200mA (max), sink current 1A (max) * Protect the IGBT gate at power on via a diode	7.0 ~ 24.0
6621	LCD CONTROLLER	RAM MAPPLING 32x4 LCD CONTROLLER FOR I/O μC * Operating voltage range: 2.4V~5.2V * External 32.768kHz crystal or 256kHz frequency source input * Built-in 256kHz RC oscillator * Internal time base frequency sources * Two selectable bias (1/2 or 1/3), and three selectable duty LCD applications (1/2 or 1/3 or 1/4). * Two selectable buzzer frequencies (2kHz/4kHz) * Power down command reduces power consumption * Built-in time base generator and WDT * Time base or WDT overflow output	2.4~5.2
U8C3005	8 BIT SERIAL-IN PARALLEL-OUT VALVE DRIVER	8 BIT SERIAL-IN PARALLEL-OUT VALVE DRIVER * VDD range: PVDD 8V to 30V * each channel current limit: 50mA * Integrated internal 6V regulator * Maximum clock frequency: 0.5MHz * Built-in open/short detection	8.0~30.0

Other Application IC > Miscellaneous

Part No. (勾選方式)	Function (勾選方式)	Features	V _{CC} (V)
U8C3525	8 BIT SERIAL-IN PARALLEL-OUT VALVE DRIVER	8 BIT SERIAL-IN PARALLEL-OUT VALVE DRIVER *VDD range: VDD 5V to18V PVDD 5V to 35V *Maximum clock frequency: 1MHz *current limit of Each channel:250mA *Built-in open/short detection	5.0~18.0
U8C3060	8 CHANNEL SERIAL INTERFACE LOW-SIDE DRIVER	8 CHANNEL SERIAL INTERFACE LOW-SIDE DRIVER * 8 Channel Protected Low-side Driver Eight NMOS FETs with Overcurrent Protection Integrated Inductive Catch Diodes Serial Interface Open/Short Load Detection Configurable 100% Output Timing Configurable PWM Duty Cycle * Continuous Current Driving Capability 560 mA (Single Channel) 200 mA (8 Channels) Support Parallel Configuration	8~38
TL2494	CC CONTROL FOR CAR BALLAST	CC CONTROL FOR CAR BALLAST * 6 ~ 40V input * UVLO	6.0~40.0
USA575	LOW VOLTAGE COMPANDOR	LOW VOLTAGE COMPANDOR * Operating voltage range from 3V to 7V * Reference voltage of 100mVRMS=0dB * 600Ω drive capability * One dedicated summing amp per channel and two extra	3.0~7.0

Other Application IC > Miscellaneous

Part No. (勾選方式)	Function (勾選方式)	Features	V _{CC} (V)
USA575A	LOW VOLTAGE COMPANDOR	LOW VOLTAGE COMPANDOR * Operating voltage range from 3V to 7V * Reference voltage of 100mVRMS=0dB * 600Ω drive capability * One dedicated summing amp per channel and two extra	3.0~7.0
UCHQ200	USB DEDICATED CHARGING PORT CONTROLLER	USB DEDICATED CHARGING PORT CONTROLLER WITH QC 2.0 FAST CHARGING FUNCTION * Fully Supports Quick Charge 2.0 specification: Class A: 5V, 9V, 12V Output Voltage. Class B: 5V, 9V, 12V, 20V Output Voltage. * Supports USB DCP Shorting D+ Line to D- Line per USB Battery Charging Specification, Revision 1.2	4.0~6.0
UCHQ613	USB DEDICATED CHARGING PORT CONTROLLER	USB DEDICATED CHARGING PORT CONTROLLER * Supports USB DCP Shorting D+ Line to D- Line per USB Battery Charging Specification, Revision 1.2 (BC1.2) * Supports Shorted Mode (Shorting D+ Line to D-Line) per Chinese Telecommunication Industry Standard YD/T 1591-2009 * Supports USB DCP Applying 2.7V on D+ Line And 2V on D-line (or 300mA BI-DIRECTION RELAY DRIVER	4.5~5.5
URYD21	RELAY DRIVER	* Supports USB DCP Shorting D+ Line to 5 to 36V input voltage range * Low Power Consumption (IQ<1uA) * Input High Level Threshold: 3V, compatible with * most single chip microcontroller	5.0~36.0
ULS4X2	4X2 SWITCH MATRIX WITH TONE/POLARITY CONTROLLER	4X2 SWITCH MATRIX WITH TONE/POLARITY CONTROLLER · DESCRIPTION The UTC ULS4X2 is a low-cost 4 x 2 switch matrix with tone detector in a 20-lead QFN package. It is used in RF multiplexing applications from 200 to 3000 MHz. There is a 4 bit decoder and tone/polarity detector integrated with RF switch which can reject 4-wire touch panel controller	3.0~4.2
TS2043	Panel controller	* Power Supply Voltage: 2.7V ~ 5.5V * Serial Interface * 4-Wire Touch Panel Interface * Embedded Touch Panel Drivers * 10 Bit AD Converter	2.7~3.6
TS20	Temperature Sensor	* Power Supply Voltage: 2.4V ~ 5.5V * 2.5°C Accuracy * 10uA MAX Current Consumption	2.4~5.5

Other Application IC > Miscellaneous

Part No. (勾選方式)	Function (勾選方式)	Features	V _{CC} (V)
UEC1001	AIR FLOW INDUCTION	AIR FLOW INDUCTION SWITCH FOR ELECTRONIC CIGARETTES CONTROL	2.5~4.2
UEC002*	AIR FLOW INDUCTION	* System Clock Oscillator AIR FLOW INDUCTION SWITCH FOR ELECTRONIC CONTROL	2~5
UCM105	CV CONTROLLER	* Ultra low static current (< 6μA) * Standby mode, the chip OUT pin is in high-level state, and the CV CONTROLLER WITH MULTI-PROTECTIONS	3.0~5.5
UPSS3880	THREE-RAIL SIMPLE POWER SEQUENCER	* SPS CCCV controller * CMOS output stage THREE-RAIL SIMPLE POWER SEQUENCER	3.3~5.5
UW6691*	6 DIGIT LCD ALARM WATCH	* Qualified for Automotive Applications * Simple Solution for Sequencing 3 Voltage Rails from a Single Input 6 DIGIT LCD ALARM WATCH WITH BLACK LIGHT CONTROL	1.2~1.8
UCS221	CAPACITIVE TOUCH SENSOR	* Hour, Minute, second, Month and Day normal display * 6 digit chronograph: Auto ranging after 30 minutes to hour, mintue, second, from minute,second,1/100second * Split operative stopwatch(Accurate to 1/100 second) * Use selectable 12/24 format & 4 year calendar 1-CHANNEL DIFFERENTIAL SENSITIVITY CALIBRATION CAPACITIVE TOUCH SENSOR	2.5~5
MC14511	BCD-To-Seven Segment Latch/Decoder/Driver	* 1-Channel capacitive touch sensor with differential sensitivity calibration * Low power consumption * Low standby current * Low Logic Circuit Power Dissipation * High-Current Sourcing Outputs (Up to 25 mA) * Latch Storage of Code * Blanking Input * Lamp Test Provision * Readout Blanking on all Illegal Input Combinations * Lamp Intensity Modulation Capability	3~18
UM66T05L	Melody IC	Single Melody IC (Home Sweet Home)	1.5 ~ 4.5
UM66T08L	Melody IC	Single Melody IC (Happy Birthday)	1.5 ~ 4.5
UM66T11L	Melody IC	Single Melody IC(Love Me Tender)	1.5 ~ 4.5
UM66T19L	Melody IC	Single Melody IC(For Alice)	1.5 ~ 4.5
UM66T32L	Melody IC	Single Melody IC(Coo Coo Waltz)	1.5 ~ 4.5
UM68T05	Melody IC	Dual Tone Melody IC (Sweet Home)	2.5 ~ 5.0
UM68T08	Melody IC	Dual Tone Melody IC (Happy Birthday)	2.5 ~ 5.0
UM68T19	Melody IC	Dual Tone Melody IC (For Alice)	2.5 ~ 5.0
15600	Melody IC	MELODY IC * Range of operating voltage: 0.9~5.5V * Frequency range: 32.768KHZ, 47.520KHZ, mask	0.9 ~ 5.5
1607	Alarm /Sound Generator IC	* Low operating voltage: 2V ~ 5V. * On-chip RC oscillator.	2.0~5.0
1616	Alarm /Sound Generator IC	6 Tones Siren/Alarm Sound Generator with Soft Chirp * Low operating voltage: 2V ~ 5V.	2.0~5.0
1617	Alarm /Sound Generator IC	6 Tones Siren/Alarm Sound Generator * Low operating voltage: 2V ~ 5V. * On-chip RC oscillator.	2.0~5.0
1618	Alarm /Sound Generator IC	6 Keys Siren/Alarm Sound Generator * Auto power off function, reduce power consumption. * Low operating voltage: 2V ~ 5V. * On-chip RC oscillator. * 6 different sounds.	2.0~5.0
1812A/B	Alarm /Sound Generator IC	Single Sound Generator *Single power supply: 2.4~3.3V *Low standby current at 3V, 1μA typ *Auto power-off function *Speaker or direct piezo. application *Built-in piezoelectric circuit	2.4~3.3
1813	Alarm /Sound Generator IC	Single Sound Generator *Single power supply: 2.4~3.3V *Low standby current at 3V, 1μA typ *Auto power-off function *Speaker or direct piezo. application *Built-in piezoelectric circuit	2.4~3.3
T78040	Television Circuit	Vertical Deflection Output Circuit * Deflection current can be 1.8A peak value * Deflection voltage up to 70V * Flyback qenerator	16.0 ~ 33.0

Other Application IC > Miscellaneous

Part No. (勾選方式)	Function (勾選方式)	Features	V _{CC} (V)
T78041	Television Circuit	Vertical Deflection Output Circuit * Low power operation achieved by using integrated charge pump circuit. * Vertical output circuit. * Thermal protection circuit.	16.0 ~ 33.0
T8172	Television Circuit	Vertical Deflection Output Circuit * Power Amplifier * Thermal Protection Circuit	35.0
T8177	Television Circuit	Vertical Deflection Booster * Deflection current can be 3.0A peak value * Deflection voltage up to 70V (on Pin 5) * Flyback Generator	10.0 ~ 35.0
AN5151	Television Circuit	TV VIF & SIF & Deflection System *IF Amplifier, IF AGC *Video Amplifier, Video Detector *Noise Canceller, Forward RF AGC *Tuner AFT SIF Amplifier	12.0
CW574	Television Circuit	33V Color TV Voltage Regulator * Low temperature coefficient	V _Z =35.0
M62364	A-D or D-A Converter	8-Bit 8-Ch Multiplying D-A Converter with Buffer Amplifier *Three-wiring serial data transmission *Doubled precision 8-ch D/A converter employing an R-2R with higher-order segment method	2.7~3.6
UA2311	A-D or D-A Converter	16 Bits Digital to Analog Converter * CMOS Technology * Low Power Consumption	4.75~5.25
M1725	A-D or D-A Converter	Stereo Audio Digital to Analog Converter 16 Bits 96KHz Sampling * Complete Stereo DAC System: Interpolation, D/A, Output Analog Filtering * 16-Bit Conversion	4.5~5.5
M4334	A-D or D-A Converter	Stereo Audio Digital to Analog Converter 24 Bits 96KHz Sampling * Complete stereo DAC: Includes Output Analog Filter and DAC * Dynamic Range: 96dB * THD+N: -88dB * Multiple Sampling Frequencies: 16kHz to 96kHz	4.75~5.5
7106	A-D or D-A Converter	3 1/2 Digit, LCD/LED Display, A-D Converters *Guaranteed Zero Reading for 0V Input On All Scales *True Polarity At Zero for Precise Null Detection *1pA Typical Input Current *True Differential Input And Reference, Direct Drive LCD Display	15
UM62342	A-D or D-A Converter	8-BIT D/A CONVERTER * Output buffer op-amps Operable over entire voltage range from almost ground to VCC(0 to 5 V) * Data transfer format 10-bit serial data input type * High output current capacity ±1 mA or higher	2.7~5.5
UEC1003	AIR FLOW INDUCTION	AIR FLOW INDUCTION SWITCH FOR ELECTRONIC CONTROL * Ultra low static current (< 5μA) * Integrated MOSFET * Build in multi-protection: Under Voltage Lockout, Load Resistance Short, Over Current, Over Temperature * LED display function: Imitate smoking state, immobile protection state corresponds to different LED mode * Built-in high-precision algorithm unit, can automatically adjust to the current environment	3.2~4.2

Package (封装方式)
SOP-8
DIP-8 SOP-8
SIP-9
SIP-9 MSOP-10
SIP-7
DIP-28 SSOP-48
SOP-16

Package (封装方式)
SOP-16
TSSOP-16
SOP-16
SSOP-20N TSSOP-20

Package (封装方式)
SSOP-20N TSSOP-20
SOP-8
SOT-26
SOT-26
QFN-20(4x4)
SSOP-16
SOT-25

Package (封装方式)
SOT-23-5 SOT-25 SOT-26
SOT-25
SOT-26
SOT-26
Chip-On-Board
SOT-26
DIP-16 SOP-16
TO-92
TO-92
TO-92
TO-92
TO-92
TO-92
TO-92
TO-92
DIP-8 SOP-8
DIP-8
DIP-8
DIP-8 SOP-8
DIP-16 SOP-16
DIP-8 SOP-8
DIP-14
TO-220Z7

Package (封装方式)
TO-220Z7
TO-220Z7
TO-220Z7
DIP-28
TO-92-2
SOP-24 SSOP-24(209mil)
DIP-8 SOP-8
SOP-14
SOP-8
DIP-40 SSOP-40 QFP-44(10x10x2.0mm)
SOP-8
SOT-25

TRANSISTOR List > BipolarTransistor

Part No. (勾选方式)	極性 (勾选方式)	V_{CE0} (V) (Range)	V_{CB0} (V) (Range)	I_c (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(sat)}$ (V)MAX. (Range)	$V_{CE(sat)}$ test _IC (mA)	$V_{CE(sat)}$ t est_Ib (mA)
2SC5508	NPN	3.3	15	0.035	50	100	5	2	-	-	-
UPA806	NPN	6	9	0.03	75	150	10	3	-	-	-
2SC4774	NPN	6	12	0.05	270	560	5	5	0.3	10	1
2SC3583	NPN	10	20	0.065	50	250	20	8	-	-	-
BFG198	NPN	10	20	0.1	40	-	50	5	-	-	-
2SA1300	PNP	-10	-20	-2	140	600	500	-1	-0.5	-2000	-50
2SD879	NPN	10	30	3	140	400	3000	2	0.4	3000	60
2SD2470	NPN	10	15	5	270	820	2000	2	0.5	3000	100
2SC5765	NPN	10	15	5	450	700	500	1.5	0.27	3000	60
2SC5889	NPN	10	15	5	-	-	500	2	0.35	3000	60
2SC3838	NPN	11	20	0.05	56	400	5	10	0.5	10	5
BFR93A	NPN	12	15	0.035	40	-	30	5	-	-	-
2SA1977	PNP	-12	-20	-0.05	20	210	-20	-8	-0.2	-25	-2.5
2SC3355	NPN	12	20	0.1	50	300	20	10	-	-	-
2SC3356	NPN	12	20	0.1	50	300	20	10	-	-	-
2SC3357	NPN	12	20	0.1	50	300	20	10	-	-	-
2SC4226	NPN	12	20	0.1	40	250	7	3	-	-	-
2SC5006	NPN	12	20	0.1	80	160	7	3	-	-	-
UP1868	PNP	-12	-15	-6	300	1000	-500	-1	-0.1	-500	-5
9018	NPN	15	30	0.05	28	198	1	5	0.5	10	1
MMBT9018	NPN	15	30	0.05	28	198	1	5	0.5	10	1
UN1066	NPN	15	20	6	250	-	5000	0.5	0.18	1500	30
9012	PNP	-20	-40	-0.5	64	300	-50	-1	-0.6	-500	-50
MMBT9012	PNP	-30	-40	-0.5	64	300	-50	-1	-0.6	-500	-50
9013	NPN	20	40	0.5	64	300	50	1	0.6	500	50
MMBT9013	NPN	20	40	0.5	64	300	50	1	0.6	500	50
80505	NPN	20	30	0.7	120	400	150	1	0.5	500	50
S8050	NPN	20	30	0.7	120	400	150	1	0.5	500	50
85505	PNP	-20	-30	-0.7	120	400	-150	-1	-0.5	-500	-50
S8550	PNP	-20	-30	-0.7	120	400	-150	-1	-0.5	-500	-50
2SD468	NPN	20	25	1	85	240	500	2	0.5	800	80
2SB562	PNP	-20	-25	-1	85	240	-500	-2	-0.5	-800	-80
BCP68	NPN	20	32	1	85	375	500	1	0.5	1000	100
BCP69	PNP	-20	-32	-1	100	375	-500	-1	-0.5	-1000	-100
M285	NPN	20	40	1.25	300	1000	100	1	0.55	600	20
UP2518	PNP	-20	-20	-1.5	300	450	-100	-2	-0.04	-100	-10
UN1518	NPN	20	20	2.5	300	450	200	2	0.15	1000	10
2SB1424	PNP	-20	-20	-3	120	390	-100	-2	-0.5	-2000	-100
2SB1386	PNP	-20	-30	-5	82	390	-500	-2	-1	-4000	-100
2SB1412	PNP	-20	-30	-5	82	390	-500	-2	-1	-4000	-100
2SD965	NPN	20	40	5	230	800	500	2	1	3000	100
D9655S	NPN	20	40	5	230	800	500	2	1	3000	100
MMBTH10	NPN	25	30	0.05	60	-	4	10	0.5	4	0.4
MPSH10	NPN	25	30	0.05	60	-	4	10	0.5	4	0.4
2N5089	NPN	25	30	0.1	400	1200	0.1	5	0.5	10	1
MMBT5089	NPN	25	30	0.1	400	1200	0.1	5	0.5	10	1
BC338	NPN	25	30	0.8	100	630	100	1	0.7	500	50
BC328	PNP	-25	-30	-0.8	100	630	-100	-1	-0.7	-500	-50
BC808	PNP	-25	-	-0.8	100	630	-100	-1	-0.7	-500	-50

TRANSISTOR List > BipolarTransistor

Part No. (勾选方式)	極性 (勾选方式)	V_{CE0} (V) (Range)	V_{CB0} (V) (Range)	I_c (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(sat)}$ (V)MAX. (Range)	$V_{CE(Sat)}$ test _IC (mA)	$V_{CE(Sat)}$ est_Ib (mA)
2SB798	PNP	-25	-30	-1	90	400	-100	-1	-0.4	-1000	-100
2SD1581	NPN	25	30	2	800	3200	500	5	0.3	1000	10
HE8050	NPN	25	40	1.5	85	500	100	1	0.5	800	80
HE8051	NPN	25	40	1.5	85	500	100	1	0.5	800	80
HE8550	PNP	-25	-40	-1.5	85	500	-100	-1	-0.5	-800	-80
HE8551	PNP	-25	-40	-1.5	85	500	-100	-1	-0.5	-800	-80
X1049A	NPN	25	80	4	300	1200	1000	2	0.13	1000	10
MJD210	PNP	-25	-40	-5	45	180	-2000	-1	-0.3	-500	-50
2N5088	NPN	30	35	0.1	300	900	0.1	5	0.5	10	1
BC548	NPN	30	30	0.1	110	800	2	5	0.25	10	0.5
BC848	NPN	30	30	0.1	110	800	2	5	0.25	10	0.5
BC849	NPN	30	30	0.1	110	800	2	5	0.25	10	0.5
MMBT5088	NPN	30	35	0.1	300	900	0.1	5	0.5	10	1
BC558	PNP	-30	-30	-0.1	110	800	2	-5	-0.3	-10	-0.5
BC858	PNP	-30	-30	-0.1	110	800	-2	-5	-0.3	-10	-0.5
2SC2328A	NPN	30	30	2	100	320	500	2	2	1500	30
2SA928A	PNP	-30	-30	-2	100	320	-500	-2	-2	-1500	-30
2SD882	NPN	30	40	3	100	400	1000	2	0.5	2000	200
2SD882S	NPN	30	40	3	100	400	1000	2	0.5	2000	200
D8825S	NPN	30	40	3	100	400	1000	2	0.5	2000	200
2SB1188	PNP	-30	-40	-3	100	400	-1000	-2	-0.5	-2000	-200
2SB772	PNP	-30	-40	-3	100	400	-1000	-2	-0.5	-2000	-200
2SB772S	PNP	-30	-40	-3	100	400	-1000	-2	-0.5	-2000	-200
B7725S	PNP	-30	-40	-3	100	400	-1000	-2	-0.5	-2000	-200
SB2202	PNP	-30	-40	-3	100	400	-1000	-2	-0.5	-2000	-200
2SD965A	NPN	30	40	5	230	800	500	2	1	3000	100
2SD965B	NPN	30	40	5	230	800	500	2	1	3000	100
D965AS	NPN	30	40	5	230	800	500	2	1	3000	100
STD888	PNP	-30	-60	-5	150	300	-500	-1	-0.15	-500	-5
D45H2	PNP	-30	-	-10	100	-	-10000	-1	-1	-10000	-100
D65H2	PNP	-30	-	-15	100	-	-10000	-1	0.6	-10000	-100
2SD1664	NPN	32	40	1	82	390	100	3	0.4	500	50
2SB1132	PNP	-32	-40	-1	82	390	-100	-3	-0.5	-500	-50
2SB1182	PNP	-32	-40	-2	120	390	-500	-3	-0.8	-2000	-200
BD435	NPN	32	32	4	85	-	500	1	0.5	2000	200
2N3904	NPN	40	60	0.2	100	300	10	1	0.3	50	5
MMBT3904	NPN	40	60	0.2	100	300	10	1	0.3	50	5
2N3906	PNP	-40	-40	-0.2	100	300	-10	-1	-0.4	-50	-5
MMBT3906	PNP	-40	-40	-0.2	100	300	-10	-1	-0.4	-50	-5
2N4401	NPN	40	60	0.6	100	300	150	1	0.4	150	15
MMBT4401	NPN	40	60	0.6	100	300	150	1	0.4	150	15
MMBT2222A	NPN	40	75	0.6	100	300	150	10	0.3	150	15
PN2222A	NPN	40	75	0.6	100	300	150	10	0.3	150	15
PZT2222A	NPN	40	75	0.6	100	300	150	10	0.3	150	15
2N4403	PNP	-40	-40	-0.6	100	300	-150	-2	-0.4	-150	-15
2N4403-Q	PNP	-40	-40	-0.6	100	300	-150	-2	-0.75	-500	-50
MMBT4403	PNP	-40	-40	-0.6	100	300	-150	-2	-0.4	-150	-15
MMBT4403-Q	PNP	-40	-40	-0.6	100	300	-150	-2	-0.75	-500	-50
9015	PNP	-45	-50	-0.1	60	600	-1	-5	-0.7	-100	-5

TRANSISTOR List > BipolarTransistor

Part No. (勾选方式)	極性 (勾选方式)	V_{CE0} (V) (Range)	V_{CB0} (V) (Range)	I_c (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(sat)}$ (V)MAX. (Range)	VCE(Sat)test _IC (mA)	VCE(Sat)t est_Ib (mA)
9014	NPN	45	50	0.1	60	1000	1	5	0.3	100	5
BC547	NPN	45	50	0.1	110	800	2	5	0.25	10	0.5
BC847	NPN	45	50	0.1	110	800	2	5	0.25	10	0.5
BC850	NPN	45	50	0.1	110	800	2	5	0.25	10	0.5
MMBT9014	NPN	45	50	0.1	60	1000	1	5	0.3	100	5
BC557	PNP	-45	-50	-0.1	110	800	2	-5	-0.3	-10	-0.5
BC857	PNP	-45	-50	-0.1	110	800	-2	-5	-0.3	-10	-0.5
MMBT9015	PNP	-45	-50	-0.1	60	600	-1	-5	-0.7	-100	-5
BCX70	NPN	45	45	0.2	380	630	2	5	0.35	10	0.25
2SC815	NPN	45	60	0.2	120	400	50	1	0.4	150	15
TC200	NPN	45	60	0.5	70	240	50	2	0.25	100	10
BC337	NPN	45	50	0.8	100	630	100	1	0.7	500	50
BC327	PNP	-45	-50	-0.8	100	630	-100	-1	-0.7	-500	-50
BC807	PNP	-45	-50	-0.8	100	630	-100	-1	-0.7	-500	-50
BC817	NPN	45	50	1.5	100	600	100	1	0.7	500	50
BD135	NPN	45	45	1.5	40	250	150	2	0.5	500	50
BD136	PNP	-45	-45	-1.5	40	250	-150	-2	-0.5	-500	-50
2SC1623	NPN	50	60	0.1	90	600	1	6	0.3	100	10
2SC1815	NPN	50	60	0.15	70	700	2	6	0.25	100	10
2SC2712	NPN	50	60	0.15	70	700	2	6	0.25	100	10
2SC4617	NPN	50	60	0.15	120	560	1	6	0.4	50	5
2SC945	NPN	50	60	0.15	90	600	1	6	0.3	100	10
KSC945	NPN	50	60	0.15	40	700	1	6	0.3	100	10
MMBT1815	NPN	50	60	0.15	120	700	2	6	0.25	100	10
MMBT945	NPN	50	60	0.15	90	600	1	6	0.3	100	10
2SA1015	PNP	-50	-50	-0.15	120	700	-2	-6	-0.3	-100	-10
2SA1774	PNP	-50	-60	-0.15	120	560	-1	-6	-0.5	-50	-5
2SA733	PNP	-50	-60	-0.15	90	600	-1	-6	-0.3	-100	-10
MMBT1015	PNP	-50	-50	-0.15	120	700	-2	-6	-0.3	-100	-10
2SC1384	NPN	50	60	1	85	340	500	10	0.4	500	50
2SD1616	NPN	50	60	1	135	600	100	2	0.3	1000	50
MMBT1616	NPN	50	60	1	135	600	100	2	0.3	1000	50
2SB1116	PNP	-50	-60	-1	135	600	-100	-2	-0.3	-1000	-50
2SA684	PNP	-50	-60	-1	85	340	-500	-10	-0.4	-500	-50
2SB766A	PNP	-50	-60	-1	85	340	-500	-10	-0.4	-500	-50
MMBT1116	PNP	-50	-60	-1	135	600	-100	-2	-	-1000	-50
2SC2655	NPN	50	50	2	70	240	500	2	0.5	1000	50
2SA1020	PNP	-50	-50	-2	70	240	-500	-2	-0.5	-1000	-50
2SA1797	PNP	-50	-50	-2	120	400	-500	-2	-0.35	-1000	-50
2SB776	PNP	-50	-50	-3	100	400	-1000	-2	-0.5	-2000	-200
USS5350	PNP	-50	-50	-3	200	450	-1000	-2	-0.18	-1000	-50
2SC4672	NPN	50	60	3	120	400	500	2	0.35	1000	50
2SB1202	PNP	-50	-60	-3	100	560	-100	-2	-0.7	-2000	-100
2SD1624	NPN	50	60	3	100	560	100	2	0.5	2000	100
USS4350	NPN	50	60	3	200	-	1000	2	0.17	1000	50
USS4450	NPN	50	60	3	200	-	1000	2	0.17	1000	50
2SD1060	NPN	50	60	5	70	360	1000	2	0.4	3000	300

TRANSISTOR List > BipolarTransistor

Part No. (勾选方式)	極性 (勾选方式)	V_{CE0} (V) (Range)	V_{CB0} (V) (Range)	I_c (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(sat)}$ (V)MAX. (Range)	VCE(Sat)test _IC (mA)	VCE(Sat)t est_Ib (mA)
2SD1803	NPN	50	60	5	70	400	500	2	0.4	3000	150
2SB824	PNP	-50	-60	-5	70	360	-1000	-2	-0.4	-3000	-300
2SA1012	PNP	-50	-60	-5	70	360	-1000	-1	-0.4	-3000	-150
2SC5569	NPN	50	80	7	200	560	500	2	0.17	2000	40
2SA2016	PNP	-50	-50	-7	200	560	-500	-2	-0.4	-2000	-40
2SD1804	NPN	50	60	8	70	400	500	2	0.4	4000	200
MMBTA05	NPN	60	60	0.5	100	-	10	1	0.25	100	10
MPSA05	NPN	60	60	0.5	100	-	10	1	0.25	100	10
MMBTA55	PNP	-60	-60	-0.5	100	-	-10	-1	-0.25	-100	-10
MPSA55	PNP	-60	-60	-0.5	100	-	-10	-1	-0.25	-100	-10
MMBT2907A	PNP	-60	-60	-0.6	100	300	-150	-10	-0.4	-150	-15
PN2907A	PNP	-60	-60	-0.6	100	300	-150	-10	-0.4	-150	-15
PZT2907A	PNP	-60	-60	-0.6	100	300	-150	-10	-0.4	-150	-15
KTD863	NPN	60	60	1	60	320	50	2	0.5	500	50
2SB1116A	PNP	-60	-80	-1	135	400	-100	-2	-0.3	-1000	-50
MMBT1116A	PNP	-60	-80	-1	135	400	-100	-2	-	-1000	-50
MMBT1616A	NPN	60	120	1	135	600	100	2	0.3	1000	50
2SD1616A	NPN	60	120	1	135	600	100	2	0.3	1000	50
BD137	NPN	60	60	1.5	40	160	150	2	0.5	500	50
BD138	PNP	-60	-60	-1.5	40	250	-150	-2	-0.5	-500	-50
2SD2136	NPN	60	60	3	40	250	1000	4	1.2	3000	375
2SD313	NPN	60	60	3	40	320	1000	2	1	2000	200
2SD880	NPN	60	60	3	100	200	500	5	1	3000	300
2SB834	PNP	-60	-60	-3	60	300	-500	-5	-1	-3000	-300
USS5360X	PNP	-60	-80	-3	120		-1000	-5	-0.2	-1000	-100
USS4360X	NPN	60	60	3	200		1000	5	0.15	1000	100
USS304NX	NPN	60	60	4.7	300		1000	2	0.07	1000	50
PZT651	NPN	60	80	4	75		1000	2	0.5	2000	200
PZT751	PNP	-60	-80	-4	75		-1000	-2	-0.5	-2000	-200
UTP2012Z	PNP	-55	-100	-4.3	100	300	-2000	-1	-0.11	-2000	-200
UTP2012ZAQ	PNP	-55	-100	-4.3	150	250	-2000	-1	-0.105	-2000	-200
2SD1691	NPN	60	60	5	160	400	2000	1	0.3	2000	200
2SB1151	PNP	-60	-60	-5	160	400	-2000	-1	-0.3	-2000	-200
UP1851	PNP	-60	-100	-5	100	300	-2000	-1	-0.05	-100	-10
UTN2010Z	NPN	55	150	5	100	300	2000	1	0.125	2000	50
UTN2010ZAQ	NPN	55	150	5	200	320	2000	1	0.115	2000	50
USS305NX*	NPN	60	150	5	100	300	2000	1	0.23	6000	300
MJE3055T	NPN	60	70	10	20	100	4000	4	1.1	4000	400
MJE2955T	PNP	-60	-70	-10	20	100	-4000	-4	-1.1	-4000	-400
2N3055	NPN	60	100	15	20	70	4000	4	1.1	4000	400
2N2955	PNP	60	100	15	20	70	4000	4	1.1	4000	400
BC546	NPN	65	80	0.1	110	800	2	5	0.25	10	0.5
BC846	NPN	65	80	0.1	110	800	2	5	0.25	10	0.5
BC556	PNP	-65	-80	-0.1	110	800	2	-5	-0.3	-10	-0.5
BC856	PNP	-65	-80	-0.1	110	800	-2	-5	-0.3	-10	-0.5
2SD1782	NPN	80	80	0.5	120	390	100	3	0.5	500	50
MMBTA06	NPN	80	80	0.5	100	-	10	1	0.25	100	10

TRANSISTOR List > BipolarTransistor

Part No. (勾选方式)	極性 (勾选方式)	V_{CE0} (V) (Range)	V_{CB0} (V) (Range)	I_c (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(sat)}$ (V)MAX. (Range)	VCE(Sat)test _IC (mA)	VCE(Sat)t est_Ib (mA)
MPSA06	NPN	80	80	0.5	100	-	100	1	0.25	100	10
PZTA06	NPN	80	80	0.5	100	-	10	1	0.25	100	10
2SB1198	PNP	-80	-80	-0.5	120	390	-100	-3	-0.5	-500	-50
MMBTA56	PNP	-80	-80	-0.5	100	-	-10	-1	-0.25	-100	-10
MPSA56	PNP	-80	-80	-0.5	100	-	-100	-1	-0.25	-100	-10
PZTA56*	PNP	-80	-80	-0.5	100	-	-100	-1	-0.25	-100	-10
2SD1898	NPN	80	100	1	82	390	500	3	0.4	500	20
UBCX56	NPN	80	100	1	63	200	150	2	0.5	500	50
2SB1260	PNP	-80	-80	-1	82	390	-100	-3	-0.4	-500	-50
2SB647	PNP	-80	-120	-1	60	320	-150	-5	-0.5	-500	-50
PZT4033	PNP	-80	-80	-1	100	300	-100	-5	-0.15	-150	-15
BD139	NPN	80	100	1.5	63	250	150	2	0.5	500	50
BD139A	NPN	80	100	1.5	63	250	150	2	0.5	500	50
BD140	PNP	-80	-80	-1.5	40	250	-150	-2	-0.5	-500	-50
2SC3669	NPN	80	80	2	70	240	500	2	0.5	1000	50
BD237	NPN	80	100	2	40	-	150	2	0.6	1000	100
BD238	PNP	-80	-100	-2	40	-	-150	-2	-0.6	-1000	-100
2SB1017	PNP	-80	-80	-4	40	240	-500	-5	-1.7	-3000	-300
2SC4466	NPN	80	120	6	50	180	2000	4	1.5	2000	200
2SA1693	PNP	-80	-80	-6	50	180	-2000	-4	1.5	-2000	-200
HJ44H11	NPN	80	80	10	60	500	2000	1	1	8000	400
HJ45H11	PNP	-80	-80	-10	60	-	-2000	-1	-1	-8000	-800
2SD667	NPN	80	120	1	60	320	150	5	0.5	500	50
2N6718	NPN	100	100	1	50	300	250	1	0.35	350	35
2SC3647	NPN	100	120	2	100	400	100	5	0.4	1000	100
TIP31C	NPN	100	100	3	10	50	3000	4	1.2	3000	375
TIP32C	PNP	-100	-100	-3	10	50	-3000	-4	-1.2	-3000	-375
2SD1816	NPN	100	120	4	70	560	500	5	0.4	2000	200
PZT1816	NPN	100	120	4	70	400	500	5	0.4	2000	200
2SB1216	PNP	-100	-120	-4	70	400	500	5	-0.5	2000	200
2SB857	PNP	-100	-130	-4	60	320	-1000	-4	1	-2000	-200
TIP41C	NPN	100	100	6	15	75	3000	4	1.5	6000	600
TIP41C-Q	NPN	100	100	6	15	75	3000	4	1.5	6000	600
BU406A*	NPN	100	100	6	15	75	3000	4	1.5	3000	600
BU406S	NPN	110	200	7	60	120	500	5	0.5	5000	500
TIP42C	PNP	-100	-100	-6	15	75	-3000	-4	-1.5	-6000	-600
TIP42C-Q	PNP	-100	-100	-6	15	75	-3000	-4	-2.2	-6000	-600
UP1753	NPN	100	200	6	100	300	2000	2	0.15	2000	100
MN2510	NPN	100	100	25	40	120	12000	4	1.5	12000	1200
MP2510	PNP	-100	-100	-25	40	120	12000	4	-1.5	12000	1200
TIP36C	PNP	-100	-100	-25	55	160	-1500	-5	-1.8	-15000	-1500
TIP35C	NPN	100	100	25	55	160	1500	5	1.8	15000	1500
2SC2881	NPN	120	120	0.8	80	240	100	5	1	500	50
2SC2235	NPN	120	120	0.8	80	240	100	5	1	500	50

TRANSISTOR List > BipolarTransistor

Part No. (勾选方式)	極性 (勾选方式)	V_{CE0} (V) (Range)	V_{CB0} (V) (Range)	I_c (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(sat)}$ (V)MAX. (Range)	$V_{CE(Sat)}$ test _IC (mA)	$V_{CE(Sat)}$ t est_Ib (mA)
25A1201	PNP	-120	-120	-0.8	80	240	-100	-5	-1	-500	-50
25D669	NPN	120	180	1.5	60	320	150	5	1	600	50
25B649	PNP	-120	-180	-1.5	60	320	-150	-5	-1	-600	-50
25D1857	NPN	120	120	2	82	390	100	5	0.4	1000	100
25C3834	NPN	120	200	7	70	220	3000	4	0.5	3000	300
25C3835	NPN	120	200	7	70	220	3000	4	0.5	3000	300
25C4467	NPN	120	160	8	50	-	3000	4	1.5	3000	300
25A1694	PNP	-120	-120	-8	50	180	-3000	-4	-1.5	-3000	-300
25D718	NPN	120	120	10	55	160	1000	5	2	6000	600
25B688	PNP	-120	-120	-10	55	160	-1000	-5	-2.5	-5000	-500
FMMT619	NPN	125	125	1	160	320	150	5	0.5	500	50
UP1855	PNP	-140	-180	-4	100	300	-1000	-5	-0.15	-1000	-100
UP2855	PNP	-140	-180	-4	100	300	-1000	-5	-0.12	-1000	-100
UP3855	PNP	-140	-180	-4	100	300	-1000	-5	-0.12	-1000	-100
2N5401	PNP	-150	-160	-0.6	80	400	-10	-5	-0.5	-50	-5
MMBT5401	PNP	-150	-160	-0.6	80	400	-10	-5	-0.5	-50	-5
PZT5401	PNP	-150	-160	-0.6	80	400	-10	-5	-0.5	-50	5
25C2073	NPN	150	150	1.5	40	140	500	10	1.5	500	50
25A940	PNP	-150	-150	-1.5	40	140	-500	-10	-1.5	-500	-50
BU407	NPN	150	330	7	35	200	2000	5	1	5000	500
25D1609	NPN	160	160	0.1	60	320	10	5	2	30	3
2N5551	NPN	160	180	0.6	80	400	10	5	0.2	50	5
MMBT5551	NPN	160	180	0.6	80	400	10	5	0.2	50	5
PZT5551	NPN	160	180	0.6	80	400	10	5	0.2	50	5
25C3648	NPN	160	180	0.7	100	400	100	5	0.4	250	25
25C2383	NPN	160	160	1	60	320	200	5	1.5	500	50
25A1013	PNP	-160	-160	-1	60	320	-200	-5	-1.5	-500	-50
25A1507	PNP	-160	-180	-1.5	100	400	-100	-5	-0.5	-500	-50
25C4027	NPN	160	180	1.5	100	400	100	5	0.45	500	50
25D669A	NPN	160	180	1.5	60	320	150	5	1	600	50
25B649A	PNP	-160	-180	-1.5	60	200	-150	-5	-1	-600	-50
UP1855A	PNP	-170	-180	-4	100	300	-1000	-5	-0.15	-1000	-100
UN1596	NPN	180	180	0.5	500	-	100	5	-	100	2
UP1496	PNP	-200	-220	-0.3	85	300	-250	-10	-0.35	-250	-25
MMBTA43	NPN	200	200	0.5	80	300	10	10	0.2	20	2
MPSA43	NPN	200	200	0.5	80	300	10	10	0.2	20	2
PZTA43	NPN	200	200	0.5	80	300	10	10	0.2	20	2
MPSA93	PNP	-200	-200	-0.5	80	-	-10	-10	-0.5	-20	-2
PZTA93	PNP	-200	-200	-0.5	80	-	-10	-10	-0.5	-20	-2
4124	NPN	200	400	1.5	10	60	200	10	0.5	400	100
D4120P	NPN	200	350	1.5	8	50	200	5	0.5	400	100
4124D	NPN	200	350	2	8	50	200	5	0.8	500	100
UP1856	PNP	-200	-220	-2	100	300	-1000	-5	-0.165	-1000	-100
4126	NPN	200	400	3	10	60	500	10	0.5	500	100
4126D	NPN	200	350	3	8	50	500	5	0.8	1000	200

TRANSISTOR List > BipolarTransistor

Part No. (勾选方式)	極性 (勾选方式)	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(Sat)}$ (V)MAX. (Range)	$V_{CE(Sat)}$ test _IC (mA)	$V_{CE(Sat)}$ t est_Ib (mA)
4128	NPN	200	400	5	10	60	500	10	0.8	1000	200
BU406	NPN	200	400	7	70	240	500	10	1	5000	500
2SC4793	NPN	230	230	1	100	320	100	5	1.5	500	50
2SA1837	PNP	-230	-230	-1	100	320	-100	-5	-1.5	-500	-50
2SC5200	NPN	230	230	15	55	160	1000	5	3	8000	800
2SA1943	PNP	-230	-230	-15	55	160	-1000	-5	-3	-8000	-800
BF422	NPN	250	250	0.05	50	-	25	20	0.6	30	5
BF423	PNP	-250	-250	-0.05	50	-	-25	-20	-0.6	-30	-5
2SC2482	NPN	300	300	0.1	30	150	20	10	1	10	1
2SC3468	NPN	300	300	0.1	40	320	10	10	0.6	20	2
2SC2688	NPN	300	300	0.2	40	250	10	10	1.5	20	5
MMBTA42	NPN	300	300	0.5	80	300	10	10	0.2	20	2
MPSA42	NPN	300	300	0.5	80	300	10	10	0.2	20	2
PZTA42	NPN	300	300	0.5	80	300	10	10	0.2	20	2
MMBTA92	PNP	-300	-300	-0.5	80	-	-10	-10	-0.5	-20	-2
MPSA92	PNP	-300	-300	0.5	80	-	-10	-10	-0.5	-20	-2
PZTA92	PNP	-300	-300	0.5	80	-	-10	-10	-0.5	-20	-2
MPSA92M	PNP	-300	-300	0.8	80	300	-10	-10	-0.5	-20	-2
MJE13002	NPN	300	-	1.5	8	40	500	2	0.5	500	100
MJE13002-E	NPN	300	-	1.5	8	40	500	2	0.8	500	100
BF488	PNP	-350	-350	-0.1	50	-	-25	-20	-0.5	-20	-2
MMBTA45	NPN	350	400	0.3	50	240	10	10	0.5	10	1
MPSA45	NPN	350	400	0.3	82	240	10	10	0.5	10	1
PZTA45	NPN	350	400	0.3	50	240	10	10	0.5	10	1
2SC4548	NPN	400	400	0.2	60	200	50	10	-	50	5
MJE13001	NPN	400	600	0.2	10	70	20	20	0.5	50	10
MJE13001-P	NPN	400	600	0.2	10	70	20	20	0.5	50	10
MJE13001-Q	NPN	400	600	0.2	15	35	20	20	0.5	50	10
MJE13001-XS	NPN	400	600	0.2	15	30	20	20	0.5	50	10
2SA1700	PNP	-400	-400	-0.2	60	200	-50	-10	-0.8	-50	-5
2SA1740	PNP	-400	-400	-0.2	60	200	-50	-10	-	-50	-5
MMBTA44	NPN	400	500	0.3	50	240	10	10	0.5	10	1
MPSA44	NPN	400	500	0.3	82	240	10	10	0.5	10	1
MPSA44H	NPN	400	800	0.3	82	240	10	10	0.5	10	1
MPSA44A	NPN	400	500	0.3	82	240	10	10	0.5	10	1
PZTA44	NPN	400	500	0.3	50	240	10	10	0.5	10	1
ULB121	NPN	400	600	0.3	10	36	50	10	0.4	50	10
KSA1625	PNP	-400	-400	-0.3	70	300	-10	-10	-0.2	-10	-1
MMBTA94	PNP	-400	-400	-0.3	70	300	-10	-10	-0.2	-10	-1
MPSA94	PNP	-400	-400	0.3	70	300	-10	-10	-0.2	-10	-1
PZTA94	PNP	-400	-400	0.3	70	300	-10	-10	-0.2	-10	-1
UBV45	NPN	400	700	0.75	12	27	200	5	1	300	75

TRANSISTOR List > BipolarTransistor

Part No. (勾選方式)	極性 (勾選方式)	V_{CE0} (V) (Range)	V_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(Sat)}$ (V)MAX. (Range)	VCE(Sat)test _IC (mA)	VCE(Sat)t est_Ib (mA)
ULB122	NPN	400	600	0.8	10	40	100	10	0.4	100	20
MPSA194	PNP	-400	-400	-0.8	50	800	-20	-10	-0.2	-20	-4
MJE13003	NPN	400	700	1.6	20	40	200	5	0.5	1	200
MJE13003-XS	NPN	400	700	1	15	30	200	5	0.5	500	100
MJE13003D	NPN	400	700	1.3	15	30	200	5	0.8	500	100
MJE13003D-XS	NPN	400	700	1.2	15	30	200	5	0.6	1000	200
MJE13003D-P	NPN	400	700	1.5	14	57	400	5	0.5	500	100
MJE13003-E	NPN	400	700	1.5	8	40	500	2	0.5	500	100
MJE13003-H	NPN	400	900	1.5	5	30	1000	5	0.5	500	100
MJE13003-P	NPN	400	700	1.5	10	30	400	5	0.5	500	100
MJE13003-R	NPN	400	700	1.5	14	57	500	5	0.5	500	100
MJE13003-V	NPN	400	700	1.5	14	57	500	5	0.5	500	100
5302	NPN	400	800	2	10	30	400	5	1.5	1000	250
5302D	NPN	400	700	1.3	15	30	200	5	0.8	500	100

TRANSISTOR List > BipolarTransistor

Part No. (勾选方式)	極性 (勾选方式)	V_{CE0} (V) (Range)	V_{CB0} (V) (Range)	I_c (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(sat)}$ (V)MAX. (Range)	$V_{CE(sat)}$ test _IC (mA)	$V_{CE(sat)}$ t est_Ib (mA)
5303D	NPN	400	700	2	10	30	400	5	0.5	500	100
T2096	NPN	400	800	2	120	180	200	5	0.8	1000	200
ULB124	NPN	400	600	2	10	40	300	5	0.3	100	10
MJE13005	NPN	400	700	4	15	30	200	5	0.5	1000	200
MJE13005D	NPN	400	-	4	15	50	500	5	0.5	1000	200
MJE13005D-K	NPN	400	700	4	15	50	500	5	0.5	1000	200
MJE13005-K	NPN	400	700	4	15	50	500	5	0.5	1000	200
MJE13005-XS	NPN	400	700	4	15	35	500	5	0.5	1000	200
2SC5305	NPN	400	800	5	22	-	800	1	0.4	800	80
MJE13007	NPN	400	700	8	8	40	2000	5	1	2000	400
MJE13007D	NPN	400	700	8	8	40	2000	5	1	2000	400
MJE13007-M	NPN	400	700	8	8	40	2000	5	1	2000	400
MJE13007-P	NPN	400	700	8	8	40	2000	5	1	2000	400
MJE13007-Q	NPN	400	700	8	8	40	2000	5	1	2000	400
MJE13007-XS	NPN	400	700	5	8	40	2000	5	2	5000	1000
MJE13009-Q	NPN	400	700	8	15	35	5000	5	2	5000	1000
MJE13009-XS	NPN	400	700	8	8	40	3000	5	1	5000	1000
2SC2625	NPN	400	450	10	10	-	4000	5	1.2	4000	800
MJE13011	NPN	400	450	10	10	-	4000	5	1.2	4000	800
MJE13011	NPN	400	450	10	10	-	4000	5	1.2	4000	800
MJE13009	NPN	400	700	12	-	40	5000	5	1	5000	1000
MJE13009D	NPN	400	700	12	8	40	5000	5	1	5000	1000
MJE13009-K	NPN	400	700	12	-	40	5000	5	1	5000	1000
MJE13009-P	NPN	400	700	12	-	40	5000	5	1	5000	1000
2SC3320	NPN	400	500	15	20	45	6000	5	1	6000	1200
TUL1102	NPN	450	1100	4	12	20	2000	5	1.5	2000	400
TUL1203	NPN	550	1400	5	9	28	2000	5	0.7	2000	400
2SA1627	PNP	-600	-600	-1	30	120	-100	-5	-0.5	-300	-60
2SA1627A	PNP	-600	-600	-1	30	120	-100	-5	-1.5	-300	-60
2SC5027E	NPN	700	750	3	10	40	200	5	2	1500	300
2SC5353	NPN	700	900	3	10	-	1	5	1	1200	240
BU508AFI	NPN	700	1500	8	6	30	100	5	1	4500	2000
UT2274	NPN	720	1400	1	15	35	100	5	1.5	250	50
2SC5353B	NPN	700	900	3	10	-	1	5	1	1200	240
2SC3149	NPN	800	1200	0.5	10	40	100	5	0.8	200	40

TRANSISTOR List > BipolarTransistor

Part No. (勾选方式)	極性 (勾选方式)	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MI N. (Range)	HFE_MAX. (Range)	HFetest_I C (mA)	HFetest _VCE (V)	$V_{CE(sat)}$ (V)MAX. (Range)	$V_{CE(sat)}$ test _IC (mA)	$V_{CE(sat)}$ t est_Ib (mA)
2SC5027	NPN	800	850	3	10	40	200	5	2	1500	300
2SC5027-Q	NPN	800	850	3	10	40	200	5	2	1500	300

Package (勾通方式)
SOT-363
SOT-363
SOT-323
SOT-23
SOT-363
SOT-223
SOT-89
TO-92
SOT-89
TO-92
SOT-89
TO-92SP
TO-92SP
TO-92SP
SOT-23
SOT-323
SOT-23
SOT-23
SOT-89
SOT-323
TO-92
SOT-23-3
SOT-89
SOT-323
SOT-523
SOT-323
SOT-89
SOT-223
TO-92
SOT-23
SOT-523
SOT-89
TO-252
TO-92
SOT-23
TO-92
SOT-23
SOT-23
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SOT-23
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TO-92
TO-92NL
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TO-92NL
SOT-223
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SOT-23
SOT-23
SOT-89
SOT-89
TO-252
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SOT-23
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SOT-323
SOT-323
TO-92
TO-92
SOT-23
TO-92
SOT-23
TO-92
SOT-23
SOT-323

Package (勾通方式)
SOT-89
TO-126
SOT-23
SOT-89
TO-92
SOT-23
SOT-89
TO-92
TO-92NL
TO-92
TO-220F
TO-220F
TO-251
TO-252
TO-92
TO-92
SOT-23
SOT-323
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SOT-323
SOT-323
SOT-23
TO-92
SOT-23
SOT-323
TO-92
TO-92NL
SOT-89
TO-92
TO-92NL
TO-126
SO-135C
SO-135C
SOT-223
TO-92
SOT-23
SOT-89
TO-92NL
TO-126
SO-135C
SO-135C
SOT-223
TO-92
SOT-23
TO-251
TO-252
SOT-89
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TO-220
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SOT-23
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Package (勾通方式)
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TO-126C
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SOT-89
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SOT-113
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SOT-113
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TO-92
SOT-89
SIP-3
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SOT-23
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SOT-89
TO-92
SOT-89
SOT-223
TO-92NL
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TO-126C
TO-251
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SOT-89
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Package (勾通方式)
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SOT-223
TO-92NL
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SOT-23
SOT-89
SIP-3
SOT-223
SOT-223
TO-126
SOT-223
TO-251
TO-126
TO-126
TO-226C
TO-220F
TO-263
TO-220
SOT-89
TO-126
TO-126S
SOT-89
SOT-89
SOT-89
SOT-223
TO-92
SOT-223
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SOT-89
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TO-126
TO-126C
TO-251
SOT-223
TO-126
SOT-223
SOT-89
SOT-89
SOT-89
SOT-89
TO-251
TO-252
TO-232
TO-220
TO-220F
TO-247
TO-247
TO-92
SOT-223
SOT-323
SOT-23
TO-92
SOT-323
SOT-23
SOT-23
SOT-23

Package (勾通方式)
TO-92
SOT-223
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SOT-23
SOT-89
SOT-223
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TO-126
SOT-223
TO-126
SOT-89C
SOT-223
TO-126
TO-126S
TO-220F
TO-126
TO-126S
TO-220F
TO-220
TO-3P
TO-3P
SOT-223
TO-252
TO-232
TO-251
SOT-223
TO-92NL
SOT-23
TO-92
SOT-89
TO-92
TO-126C
SOT-89
TO-126
TO-126S
TO-252
TO-126
TO-126S
TO-251
TO-251S
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SOT-223
TO-220
TO-220F
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TO-232
TO-220F
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TO-252
TO-263
TO-220
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SOT-223
TO-252
TO-3P
TO-3P
TO-3P
TO-3PN
TO-3P
TO-3PN
SOT-89
TO-92
TO-92
TO-92NL

Package (勾选方式)
SOT-89
TO-92
TO-92NL
SOT-23
SOT-89
SOT-223
SOT-223
TO-92
TO-92NL
TO-226
TO-220F
TO-3P
TO-3PN
TO-3P
TO-3P
TO-3P
TO-247
TO-3P
SOT-23
SOT-223
SOT-223
SOT-89
SOT-89
TO-92
SOT-23
SOT-223
TO-220
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TO-126
SOT-89
TO-92
SOT-23
SOT-223
SOT-89
TO-92
TO-92NL
SOT-89
TO-92
TO-92NL
TO-126
TO-220
TO-252
SOT-23
SOT-89
SOT-223
SOT-223
TO-126
SOT-223
SOT-23
SOT-23
SOT-89
TO-92
TO-92NL
SOT-223
SOT-89
TO-92
TO-92NL
SOT-223
TO-126
TO-92
TO-92
TO-126
SOT-223
TO-126
TO-92
TO-126
TO-126
TO-92
TO-126
TO-252

Package (勾通方式)
TO-126
TO-220 TO-220F TO-220F1 TO-263TO-3P
TO-220F TO-126
SOT-223 TO-220F TO-220F1
TO-3PL TO-3PB TO-3P TO-3PL TO-3PB TO-3P
TO-92 SOT-23
TO-92
TO-92 TO-92NL
SOT-89
TO-126 TO-126C
SOT-23
TO-126 SOT-89 TO-92
SOT-223
SOT-23 SOT-323
SOT-89 TO-92 TO-92NL
SOT-223
TO-92
TO-92 TO-126 TO-92 TO-126S
TO-92
SOT-23
SOT-89 TO-92 TO-92NL
SOT-223
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SOT-89 TO-92
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SOT-89 TO-92
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SOT-89 TO-252 TO-92 TO-92NL TO-126
SOT-223
TO-251
TO-92
SOT-23
SOT-89 TO-92
SOT-223
TO-92

Package (勾通方式)
TO-251
TO-92 TO-92NL
TO-92 TO-92NL
TO-126 TO-126C
TO-92 TO-126 TO-126C
TO-126 TO-92
TO-92
TO-92 TO-126S TO-92
TO-92NL TO-126 TO-126C TO-126S
TO-92 TO-92NL
TO-92
TO-92 TO-92NL TO-126
TO-251
TO-92 TO-92 TO-126

Package (勾通方式)
TO-251
TO-251 TO-252
TO-126 TO-251
TO-126 TO-126S
TO-251 TO-126
TO-126S TO-251 TO-220 TO-220F
TO-251
TO-126 TO-251
TO-251S4 TO-220
TO-220F TO-220F1
TO-220 TO-220F
TO-220 TO-262 TO-220F
TO-220
TO-220 TO-220F TO-220F1 TO-220F2
TO-220
TO-220
TO-220 TO-220F TO-220F1
TO-220
TO-220
TO-220 TO-220F TO-220F1
TO-220
TO-220 TO-247S TO-220
TO-247S TO-3P
TO-247 TO-247C
TO-3P
TO-220F
TO-220 TO-220F TO-3P TO-3PN
TO-220 TO-247 TO-247C
TO-220 TO-3P
TO-220 TO-3P TO-247C
TO-3P TO-3PN
TO-251 TO-252 TO-263
TO-220
TO-126 TO-126C TO-126S TO-223
TO-126 TO-126C TO-220F TO-126F1
TO-126C TO-220 TO-220F
TO-3PML
TO-92 TO-126
TO-126 TO-126C TO-251
TO-126

Package (勾通方式)
TO-220 TO-220F
TO-220 TO-220F

TRANSISTOR List > RFTransistor

Part No. (勾選方式)	屬性 (勾選方式)	V_{CE0} (V) (Range)	V_{CB0} (V) (Range)	I_C (A) (Range)	HFE_MI N. (Range)	HFE_MA X. (Range)	HFEtest _IC (mA)	HFEtest _VCE (V)	$V_{CE(Sat)}$ (V) MAX.	$V_{CE(Sat)}$ est_IC (mA)	$V_{CE(Sat)}$ est_Ib (mA)	f _t (GHz) _MIN (Range)	f _t (GHz) _TYP (Range)	f _t (GHz) _test_VCE	f _t (GHz) test_IC (mA)	f _t (GHz) test_IE (mA)	f _t (GHz) test_f(G Hz)	Package (勾選方式)
UPA806	NPN	6	9	0.03	75	150	10	3	-	-	-	-	12	3	10	-	2	SOT-363
2SC4774	NPN	6	12	0.05	270	560	5	5	0.3	10	1	0.3	0.8	5	-	-10	0.2	SOT-323
2SC3583	NPN	10	20	0.065	50	250	20	8	-	-	-	-	9	8	20	-	-	SOT-23 SOT-363
BFG198	NPN	10	20	0.1	40	-	50	5	-	-	-	-	8	8	50	-	1	SOT-223
2SC3838	NPN	11	20	0.05	56	400	5	10	0.5	10	5	1.4	3.2	10	-	10	0.5	SOT-323 SOT-23
2SC2734	NPN	11	20	0.05	20	200	5	10	0.7	10	5	-	3.5	10	10	-	-	SOT-23
BFR93A	NPN	12	15	0.035	40	-	30	5	-	-	-	4.5	6	5	30	-	0.5	SOT-23
2SC3355	NPN	12	20	0.1	50	300	20	10	-	-	-	-	7	10	20	-	-	TO-92 SOT-89 SOT-323
2SC3356	NPN	12	20	0.1	50	300	20	10	-	-	-	-	7	10	20	-	-	SOT-23-3 SOT-23 SOT-89
2SC4226	NPN	12	20	0.1	40	250	7	3	-	-	-	-	4.5	3	7	-	-	SOT-323
2SC3357	NPN	12	20	0.1	50	300	20	10	-	-	-	-	6.5	10	20	-	-	SOT-89
2SA1977	PNP	12	20	0.05	20	100	20	8	0.2	25	2.5	-	-	-	-	-	-	SOT-23
2SC3358	NPN	12	20	0.1	50	300	20	10	-	-	-	-	7	10	20	-	-	TO-50
2SC5006	NPN	12	20	0.1	80	160	7	3	-	-	-	-	4.5	3	7	-	1	SOT-523
UFU520Y	NPN	12	24	0.03	60	200	5	8	-	-	-	-	10	8	10	-	0.9	SOT-363
UFU520	NPN	12	24	0.03	60	200	5	8	-	-	-	-	10	8	10	-	0.9	SOT-363
UFS540	NPN	14	20	0.12	60	250	40	8	-	-	-	-	9	8	40	-	1	SOT-323
MB6TH10	NPN	25	30	0.05	60	-	4	10	0.5	4	0.4	650	-	10	4	-	0.1	SOT-723 SOT-523 SOT-323 SOT-23
MPSH10	NPN	25	30	0.05	60	-	4	10	0.5	4	0.4	650	-	10	4	-	0.1	TO-92
2SC508	NPN	33	15	0.035	50	100	5	2	-	-	-	-	25	3	30	-	2	SOT-363

TRANSISTOR List > DigitalTransistor

Part No. (勾選方式)	極性 (勾選方式)	V _{CC} V _{CEO} (V) Max. (Range)	I _{O(MAX.)} I _{C(MAX.)} (mA) (Range)	GI(hFE)MI N. (Range)	GI(hFE)MA X. (Range)	GI(hFE)test _IO (mA)	GI(hFE)test _VO (V)	R1 (KΩ) Typ. (勾選方式)	R2 (KΩ) Typ. (勾選方式)	fT Typ. (MHz)
DTA123E	PNP	50	100	20	-	20	5	2.2	2.2	250
DTC123E	NPN	50	100	20	-	20	5	2.2	2.2	250
DTA143E	PNP	50	100	20	-	10	5	4.7	4.7	250
DTC143E	NPN	50	100	20	-	10	5	4.7	4.7	250
DTA114E	PNP	50	100	30	-	5	5	10	10	250
DTC114E	NPN	50	100	30	-	5	5	10	10	250
DTA124E	PNP	50	100	56	-	5	5	22	22	250
DTC124E	NPN	50	100	56	-	5	5	22	22	250
DTA144E	PNP	50	100	68	-	5	5	47	47	250
DTC144E	NPN	50	100	68	-	5	5	47	47	250
DTA115E	PNP	50	100	82	-	5	5	100	100	250
DTC115E	NPN	50	100	82	-	5	5	100	100	250
DTB123E	PNP	50	500	39	-	50	5	2.2	2.2	*200
DTD123E	NPN	50	500	39	-	50	5	2.2	2.2	*200
DTB143E	PNP	50	500	47	-	50	5	4.7	4.7	200
DTD143E	NPN	50	500	47	-	50	5	4.7	4.7	200
DTB114E	PNP	50	500	56	-	50	5	10	10	200
DTD114E	NPN	50	500	56	-	50	5	10	10	200
DTA123Y	PNP	50	100	33	-	10	5	2.2	10	250

TRANSISTOR List > DigitalTransistor

Part No. (勾選方式)	極性 (勾選方式)	V _{CC} V _{CEO} (V) Max. (Range)	I _{O(MAX.)} I _{C(MAX.)} (mA) (Range)	GI(hFE)MI N. (Range)	GI(hFE)MA X. (Range)	GI(hFE)test _IO (mA)	GI(hFE)test _VO (V)	R1 (KΩ) Typ. (勾選方式)	R2 (KΩ) Typ. (勾選方式)	fT Typ. (MHz)
DTC123Y	NPN	50	100	33	-	10	5	2.2	10	250
DTA123J	PNP	50	100	80	-	10	5	2.2	46.2	250
DTC123J	NPN	50	100	80	-	10	5	2.2	46.2	250
DTA143X	PNP	50	100	30	-	10	5	4.7	9.87	250
DTC143X	NPN	50	100	30	-	10	5	4.7	9.87	250
DTA143Z	PNP	50	100	80	-	10	5	4.7	47	250
DTC143Z	NPN	50	100	80	-	10	5	4.7	47	250
DTA114W	PNP	50	100	24	-	10	5	10	4.7	250
DTC114W	NPN	50	100	24	-	10	5	10	4.7	250
DTA114Y	PNP	50	100	68	-	5	5	10	47	250
DTC114Y	NPN	50	100	68	-	5	5	10	47	250
DTA144V	PNP	50	100	33	-	5	5	47	10	250
DTC144V	NPN	50	100	33	-	5	5	47	10	250
DTB113Z	PNP	50	500	56/82	-	50	5	1	10	200
DTD113Z	NPN	50	500	56/82	-	50	5	1	10	200
DTB123Y	PNP	50	500	56	-	50	5	2.2	9.9	200
DTD123Y	NPN	50	500	56	-	50	5	2.2	9.9	200
DTA143T	PNP	50	100	100	600	1	5	4.7	None	250
DTC143T	NPN	50	100	100	600	1	5	4.7	None	250

TRANSISTOR List > DigitalTransistor

Part No. (勾選方式)	極性 (勾選方式)	V _{CC} V _{CEO} (V) Max. (Range)	I _{O(MAX.)} I _{C(MAX.)} (mA) (Range)	GI(hFE)MI N. (Range)	GI(hFE)MA X. (Range)	GI(hFE)test _IO (mA)	GI(hFE)test _VO (V)	R1 (KΩ) Typ. (勾選方式)	R2 (KΩ) Typ. (勾選方式)	fT Typ. (MHz)
DTA114T	PNP	50	100	100	600	1	5	10	None	250
DTC114T	NPN	50	100	100	600	1	5	10	None	250
DTA124T	PNP	50	100	100	600	1	5	22	None	250
DTC124T	NPN	50	100	100	600	1	5	22	None	250
DTA144T	PNP	50	100	100	600	1	5	47	None	250
DTC144T	NPN	50	100	100	600	1	5	47	None	250
DTA115T	PNP	50	100	100	600	1	5	100	None	250
DTC115T	NPN	50	100	100	600	1	5	100	None	250
DTA113T	PNP	50	200	100	-	1	5	1	None	200
DTC113T	NPN	50	200	100	-	1	5	1	None	200
DTA114G	PNP	50	100	30	-	5	5	None	10	200
DTC114G	NPN	50	100	30	-	5	5	None	10	200

Package (勾选方式)
SOT-23 SOT-323 SOT-523 TO-92
SOT-23 SOT-323 SOT-523 TO-92
SOT-23 SOT-323 SOT-523 SOT-723 TO-92
SOT-23 SOT-323 SOT-723 TO-92
TO-92 TO-92SP SOT-23 SOT-323 SOT-523 SOT-723 TO-92
TO-92 TO-92SP SOT-23 SOT-323 SOT-523 SOT-723
SOT-23 SOT-323 SOT-523 TO-92
SOT-23 SOT-323 SOT-523 TO-92
SOT-23 SOT-323 SOT-523 SOT-723
SOT-23 SOT-323 SOT-523 TO-92 TO-92SP
SOT-23 SOT-323
SOT-23 SOT-323 SOT-523
SOT-23
SOT-23
TO-92 SOT-23 SOT-323 SOT-723
TO-92 SOT-23 SOT-323
SOT-23 SOT-323
SOT-23 SOT-323
SOT-23

Package (勾选方式)
SOT-23 SOT-323 SOT-523 TO-92 TO-92SP SOT-723
SOT-23 SOT-323 SOT-523 SOT-723
SOT-23
SOT-23 SOT-323
SOT-23 SOT-323 SOT-523
SOT-23 SOT-323 SOT-523
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SOT-23 SOT-323 SOT-523
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SOT-23

TRANSISTOR List > DarlingtonTransistor

Part No. (勾選方式)	極性 (勾選方式)	V _{CEO} (V) Max. (Range)	V _{CB0} (V) Max. (Range)	I _C (A) Max. (Range)	Hfe MIN. (Range)	Hfe MAX. (Range)	hFEtest_IC (mA)	hFEtest_VCE (V)	VCE(Sat) (V) MAX.	VCE(Sat)test_IC (mA)	VCE(Sat)testIB (mA)	fT *Typical (MHz)	Package (勾選方式)
MMBT13	NPN	30	30	0.5	10000	-	100	5	1.5	100	0.1	125	SOT-23
MMBT14	NPN	30	30	0.5	20000	-	100	5	1.5	100	0.1	125	SOT-323 SOT-23
MPSA13	NPN	30	30	0.5	10000	-	100	5	1.5	100	0.1	125	SOT-89 TO-92
MPSA14	NPN	30	30	0.5	20000	-	100	5	1.5	100	0.1	125	SOT-89 TO-92
MPSA113	NPN	30-Jan	30-Jan	0-Jan	18-Feb	-	9-Apr	5-Jan	1-Jan	9-Apr	0-Jan	4-May	SOT-89 TO-92
PZTA14	NPN	30	30	0.5	20000	-	100	5	1.5	100	0.1	125	SOT-223
TIP110A	PNP	-35	-45	-10	1000	60000	-10000	-2	-2	-10000	-100	-	TO-220
2SD2686	NPN	60	50	1	2000	-	1000	2	1.5	1000	1	-	SOT-89
BCV47	NPN	60	80	0.5	10000	-	100	5	1	100	0.1	-	SOT-23 SOT-223
2SD2170	NPN	90	90	2	1000	10000	1000	2	1.5	1000	1	80	SOT-89
MPSA29	NPN	100	100	0.5	10000	-	100	5	1.5	100	0.1	125	TO-92
TIP112	NPN	100	100	2	1000	-	1000	4	2.5	2000	8	-	TO-126 TO-126S TO-252 TO-220 TO-220F
TIP122	NPN	100	100	5	1000	-	3000	3	2	3000	12	-	TO-126 TO-252 TO-220 TO-220F TO-220HJ
TIP122-Q	NPN	100	100	5	1000	-	500	3	2	3000	12	-	TO-220 TO-126 TO-252
MMBTA29	NPN	100	100	0.5	10000	-	10	5	1.2	10	0.01	-	SOT-23

TRANSISTOR List > DarlingtonTransistor

Part No. (勾選方式)	極性 (勾選方式)	V_{CE0} (V) Max. (Range)	V_{CB0} (V) Max. (Range)	I_C (A) Max. (Range)	Hfe MIN. (Range)	Hfe MAX. (Range)	hFEtest_IC (mA)	hFEtest_VCE (V)	VCE(Sat) (V) MAX.	VCE(Sat)test_IC (mA)	VCE(Sat)testIB (mA)	fT *Typical (MHz)	Package (勾選方式)
TIP127	PNP	-100	-100	-5	1000	-	-3000	-3	-2	-3000	-12	-	TO-126 TO-126S TO-252 TO-220 TO-220F TO-252D
TIP127-Q	PNP	-100	-100	-5	1000	-	-3000	-3	-2	-3000	-12	-	TO-126 TO-126S TO-252 TO-252D TO-220 TO-220F
TIP102	NPN	100	100	8	1000	20000	3000	4	2	3000	6	-	TO-252 TO-220
TIP107	PNP	-100	-100	-8	1000	20000	-3000	-4	-2	-3000	-6	-	TO-126 TO-126S TO-252 TO-220 TO-220F TO-263
UD2195	NPN	120	130	4	1000	-	1000	4	2	2000	2	-	SOT-89 SOT-223
UDT1605	NPN	120	140	1	2000	100000	1000	5	1.5	1000	1	150	SOT-89
UDT1605	NPN	120	140	1.5	2000	100000	1000	5	1.5	1000	1	150	SOT-223
UB1580	PNP	150	150	4	1000	-	1	4	2	2000	2	-	SOT-89
BTC1510F3	NPN	150	150	10	2000	20000	5000	3	1.5	5000	2.5	-	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1
2SD1071	NPN	300	300	6	500	-	4000	2	1.5	4000	15	-	TO-220
BU931Z	NPN	350	-	10	300	-	5000	10	1.6	7000	70	-	TO-220 TO-3P
BU941Z	NPN	350	350	15	300	2500	5000	10	1.6	8000	100	-	TO-263 TO-220 TO-3P TO-3PB
BU931	NPN	400	-	15	300	-	5000	10	1.6	7000	70	-	TO-263 TO-3P
BU941	NPN	400	-	15	300	-	5000	10	1.6	8000	100	-	TO-263 TO-220 TO-3P TO-3PB

TRANSISTOR List > ComplexBipolarTransistor

Part No. (勾選方式)	Configura tion (勾選方式)	BVCBO *BVCEV (V)	BV _{CEO} *BV _{CES} (V) Max	IC(mA) Max. (Range)	P ₀ T _A =25°C (W)	hFEMIN. (Range)	hFEMAX. (Range)	hFEtestI C (mA)	hFEtest VCE (V)	VCE(Sat) (V) MAX.	VCE(Sat) test I _C (mA)	VCE(Sat) test I _E (mA)	ftMIN. (MHz)	CobMAX. (pF)	TypePart	Package (勾選方式)
IMZ88	NPN+PNP	30	20	700	0.3	120	400	150	1	0.5	500	50	100	*9.0	8050S	SOT-26
		-30	-20	-700	0.3	120	400	-150	-1	-0.5	-500	-50	100	*9.0	8550S	SOT-26
IMZ2A	NPN+PNP	60	50	150	0.3	120	560	1	6	0.4	50	5	*180	3.5	-	SOT-26
		-60	-50	-150	0.3	120	560	-1	-6	-0.5	-50	-5	*140	5	-	SOT-26
IMX2	NPN×2	60	50	150	0.3	120	560	1	6	0.4	50	5	*180	3.5	-	SOT-26
IMT2A	PNP×2	-60	-50	-150	0.3	120	560	-1	-6	-0.5	-50	-5	*140	5	-	SOT-26
MMDT8050S	NPN×2	30	20	700	0.2	120	400	150	1	0.5	500	50	100	*9.0	8050S×2	SOT-363
MMDT8150	NPN×2	40	32	800	0.2	180	560	100	1	0.3	400	20	*150	*15.0		SOT-363
BC847BS	NPN×2	*50	45	100	0.2	200	450	2	5	0.25	10	0.5	100	4.5	BC847B× 2	SOT-363
PUMX1	NPN×2	50	40	100	0.2	120	-	1	6	0.2	50	5	100	-	-	SOT-363
MMDT3904	NPN×2	60	40	200	0.2	100	300	10	1	0.3	50	5	300	4	MMBT390 4×2	SOT-363
MMDT2222A	NPN×2	75	40	600	0.2	100	300	150	10	0.3	150	15	300	8	MMBT222 2A×2	SOT-363
BC846AS	NPN×2	80	65	100	0.325	110	220	2	5	0.25	10	0.5	100	-	-	SOT-363
MMDT5551	NPN×2	180	160	600	0.2	80	400	10	5	0.2	50	5	100	6	MMBT555 1×2	SOT-363
MMDT3906	PNP×2	-40	-40	-200	0.2	100	300	-10	-1	-0.4	-50	-5	250	4.5	MMBT390 6×2	SOT-363
PUMT1	PNP×2	-50	-40	-100	0.2	120	-	-1	-6	-0.2	-50	-5	100	-	-	SOT-363
BC857BS	PNP×2	-50	-45	-100	0.2	200	450	-2	-5	-0.4	-100	-5	*150	6	BC857B× 2	SOT-363
UMT1N	PNP×2	-60	-50	150	0.15	120	560	-1	-6	-0.5	-50	-5	*140	5	-	SOT-363
MMDT2907A	PNP×2	-60	-60	-600	0.3	50	-	-500	10	-0.4	-150	-15	200	8	MMDT290 7A	SOT-363
BC856AS	PNP×2	-80	-65	-100	0.2	125	250	-2	-5	-0.3	-10	-0.5	100	-	-	SOT-363
MMDT5401	PNP×2	-160	-150	-600	0.2	80	400	-10	-5	-0.5	-50	-5	100	6	MMBT540 1×2	SOT-363
MMDT3946	NPN+PNP	60	40	200	0.2	100	300	10	1	0.3	50	5	300	4	MMBT390 4	SOT-363
		-40	-40	-200	0.2	100	300	-10	-1	-0.4	-50	-5	250	4.5	MMBT390 6	SOT-363
MMDT2227	NPN+PNP	75	40	600	0.2	100	300	150	10	0.3	150	15	300	8	MMBT222 2A	SOT-363
		-60	-60	-600	0.2	100	300	-150	-10	-0.4	-150	-15	200	8	MMBT290 7A	SOT-363
IMZ2A	NPN+PNP	60	50	150	0.2	120	560	1	6	0.4	50	5	*180	3.5	-	SOT-363
		-60	-50	-150	0.2	120	560	-1	-6	-0.5	-50	-5	*140	5	-	SOT-363
UT3PP	PNP+PNP + Resistor	-50	-50	-100	0.125	100	-	-1	-5	-0.3	-10	-0.5	*150	-	-	SOT-363
																SOT-363
PUMZ1	NPN+PNP	50	40	100	0.2	120	-	1	6	0.2	50	5	100	-	-	SOT-363
		-50	-40	-100	0.2			-1	-6	-0.2	-50	-5				SOT-363

BC847PN	NPN+PNP	50	45	100	0.2	200	450	2	5	0.25	10	0.5	100	6	BC847B	SOT-363
		-50	-45	-100	0.2	200	450	-2	-5	-0.3	-10	-0.5	100	6	BC857B	SOT-363
BC846PN	NPN+PNP	80	65	100	0.225	200	450	2	5	0.6	100	5		4.5		SOT-363
		-80	-65	-100	0.225	200	450	-2	-5	-0.65	-100	-5		4.5		SOT-363
UMZ1N	NPN+PNP	60	50	150	0.15	120	560	1	6	0.4	50	5	*180	3.5	-	SOT-363
		-60	-50	-150	0.15	120	560	-1	-6	-0.5	-50	-5	*140	5	-	SOT-363
NP1510	NPN+PNP	60	50	150	0.1	120	400	2	6	0.25	100	10	80	*2	-	SOT-563
		-50	-50	-150	0.1	120	400	-2	-6	0.3	-100	-10	80	*4	-	SOT-563
UMY1N	PNP+NPN	-60	-50	-150	0.15	120	560	-1	-6	-0.5	-50	-5	*140	5	-	SOT-353
		60	50	150	0.15	120	560	1	6	0.4	50	5	*180	3.5	-	SOT-353
BD2378	PNP+NPN	100	80	2000	1.25	40	-	150	2	0.6	1000	100	3	-	BD237	PDFN5×6
		-100	-80	-2000	1.25	40	-	-150	-2	-0.6	-1000	-100	3	-	BD238	PDFN5×6
UNP5353	PNP+NPN	100	100	3000	1	80	-	1000	10	0.33	3000	300	-	-		PDFN5×6
		-100	-100	-3000	1	80	-	-1000	-10	-0.36	-2000	-200	-	-		PDFN5×6

TRANSISTOR List > ComplexDigitalTransistor

Part No. (勾通方式)	Description	Configuration (勾通方式)	V _{CC} V _{CEO} (V) Max. (Range)	I _{O(MAX.)} I _{C(MAX.)} (mA) (Range)	GI(hFE)MIN.	GI(hFE)MAX.	GI(hFE)test_I O (mA)	GI(hFE)test_V O (V)	R1 (KΩ) Typ. (Range)	R2 (KΩ) Typ. (Range)	fT Typ. (MHz)
UA1J	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UA1G	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UA1K	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UA1H	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UB1J	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UB1G	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UB1K	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UB1H	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UB5G	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UB5H	Potentialdivident ype	PNP+PNP	-50	-100	56	-	-5	-5	22.0	22.0	250
UA2J	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250
UA2G	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250
UA2K	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250
UA2H	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250
UB2J	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250
UB2G	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250
UB2K	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250
UB2H	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250

UB6J	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250
UB6K	Potentialdivident ype	PNP+PNP	-50	-100	68	-	-5	-5	47.0	47.0	250
UG1J	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UG1G	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UG1K	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UG1H	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UG2J	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UG2G	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UG2K	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UG2H	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UH1J	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UH1G	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UH1K	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UH1H	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UH2J	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UH2G	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UH2K	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UH2H	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UH5J	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UH5G	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250

UH5K	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UH5H	Potentialdivident ype	NPN+NPN	50	100	56	-	5	5	22.0	22.0	250
UH6J	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UH6G	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UH6K	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UH6H	Potentialdivident ype	NPN+NPN	50	100	68	-	5	5	47.0	47.0	250
UD2J	Potentialdivident ype	PNP+NPN	-50	-100	56	-	-5	-5	22.0	22.0	250
	Potentialdivident ype		50	100	56	-	5	5	22.0	22.0	250
UD2G	Potentialdivident ype	PNP+NPN	-50	-100	56	-	-5	-5	22.0	22.0	250
UG1J	Potentialdivident ype		50	100	56	-	5	5	22.0	22.0	250
UD2K	Potentialdivident ype	PNP+NPN	-50	-100	56	-	-5	-5	22.0	22.0	250
UG1J	Potentialdivident ype		50	100	56	-	5	5	22.0	22.0	250
UD2H	Potentialdivident ype	PNP+NPN	-50	-100	56	-	-5	-5	22.0	22.0	250
UG1J	Potentialdivident ype		50	100	56	-	5	5	22.0	22.0	250
UD10K	Potentialdivident ype	PNP+NPN	-50	-100	80	-	-10	-5	2.2	46.2	250
	Potentialdivident ype		50	100	80	-	10	5	2.2	46.2	250
UD12K	Potentialdivident ype	PNP+NPN	-50	-100	68	-	-5	-5	47.0	47.0	250
	Potentialdivident ype		50	100	68	-	5	5	47.0	47.0	250
UA5J	Leakabsorptiont ype	PNP+PNP	-50	-100	80	-	-10	-5	2.2	46.2	250
UA5G	Leakabsorptiont ype	PNP+PNP	-50	-100	80	-	-10	-5	2.2	46.2	250

UA5K	Leakabsorptiontype	PNP+PNP	-50	-100	80	-	-10	-5	2.2	46.2	250
UA5H	Leakabsorptiontype	PNP+PNP	-50	-100	80	-	-10	-5	2.2	46.2	250
UA7J	Leakabsorptiontype	PNP+PNP	-50	-100	30	-	-10	-5	4.7	9.87	250
UA7G	Leakabsorptiontype	PNP+PNP	-50	-100	30	-	-10	-5	4.7	9.87	250
UA7K	Leakabsorptiontype	PNP+PNP	-50	-100	30	-	-10	-5	4.7	9.87	250
UA7H	Leakabsorptiontype	PNP+PNP	-50	-100	30	-	-10	-5	4.7	9.87	250
UA8J	Leakabsorptiontype	PNP+PNP	-50	-100	68	-	-5	-5	10.0	47.0	250
UA8G	Leakabsorptiontype	PNP+PNP	-50	-100	68	-	-5	-5	10.0	47.0	250
UA8K	Leakabsorptiontype	PNP+PNP	-50	-100	68	-	-5	-5	10.0	47.0	250
UA8H	Leakabsorptiontype	PNP+PNP	-50	-100	68	-	-5	-5	10.0	47.0	250
UB9J	Leakabsorptiontype	PNP+PNP	-50	-100	68	-	-5	-5	10.0	47.0	250
UB9G	Leakabsorptiontype	PNP+PNP	-50	-100	68	-	-5	-5	10.0	47.0	250
UB9K	Leakabsorptiontype	PNP+PNP	-50	-100	68	-	-5	-5	10.0	47.0	250
UB9H	Leakabsorptiontype	PNP+PNP	-50	-100	68	-	-5	-5	10.0	47.0	250
UB10J	Leakabsorptiontype	PNP+PNP	-50	-100	80	-	-10	-5	2.2	46.2	250
UB10G	Leakabsorptiontype	PNP+PNP	-50	-100	80	-	-10	-5	2.2	46.2	250
UB10K	Leakabsorptiontype	PNP+PNP	-50	-100	80	-	-10	-5	2.2	46.2	250
UB10H	Leakabsorptiontype	PNP+PNP	-50	-100	80	-	-10	-5	2.2	46.2	250
UG5J	Leakabsorptiontype	NPN+NPN	50	100	68	-	5	5	10.0	47.0	250

UG5G	Leakabsorptiontype	NPN+NPN	50	100	68	-	5	5	10.0	47.0	250
UG5K	Leakabsorptiontype	NPN+NPN	50	100	68	-	5	5	10.0	47.0	250
UG5H	Leakabsorptiontype	NPN+NPN	50	100	68	-	5	5	10.0	47.0	250
UG11J	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UG11G	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UG11K	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UG11H	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UH9J	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UH9G	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UH9K	Leakabsorptiontype	NPN+NPN	50	100	68	-	5	5	10.0	47.0	250
UH9H	Leakabsorptiontype	NPN+NPN	50	100	68	-	5	5	10.0	47.0	250
UH10J	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UH10G	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UH10K	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UH10H	Leakabsorptiontype	NPN+NPN	50	100	80	-	10	5	2.2	46.2	250
UD5J	Leakabsorptiontype	PNP+NPN	-50	-100	30	-	-10	-5	4.7	9.87	250
	Leakabsorptiontype		50	100	68	-	5	5	47.0	47.0	250
UD5K	Leakabsorptiontype	PNP+NPN	-50	-100	30	-	-10	-5	4.7	9.87	250
	Leakabsorptiontype		50	100	68	-	5	5	47.0	47.0	250

UD9J	Leakabsorptiontype	PNP+NPN	-50	-100	68	-	-5	-5	10.0	47.0	250
	Leakabsorptiontype		50	100	68	-	5	5	10.0	47.0	250
UD9G	Leakabsorptiontype	PNP+NPN	-50	-100	68	-	-5	-5	10.0	47.0	250
	Leakabsorptiontype		50	100	68	-	5	5	10.0	47.0	250
UD9K	Leakabsorptiontype	PNP+NPN	-50	-100	68	-	-5	-5	10.0	47.0	250
	Leakabsorptiontype		50	100	68	-	5	5	10.0	47.0	250
UD9H	Leakabsorptiontype	PNP+NPN	-50	-100	68	-	-5	-5	10.0	47.0	250
	Leakabsorptiontype		50	100	68	-	5	5	10.0	47.0	250
UA9J	Potentialdividenttype	PNP+PNP	-50	-100	30	-	-5	-5	10.0	10.0	250
UA9G	Potentialdividenttype	PNP+PNP	-50	-100	30	-	-5	-5	10.0	10.0	250
UA9K	Potentialdividenttype	PNP+PNP	-50	-100	30	-	-5	-5	10.0	10.0	250
UA9H	Potentialdividenttype	PNP+PNP	-50	-100	30	-	-5	-5	10.0	10.0	250
UB11J	Potentialdividenttype	PNP+PNP	-50	-100	30	-	-5	-5	10.0	10.0	250
UB11G	Potentialdividenttype	PNP+PNP	-50	-100	30	-	-5	-5	10.0	10.0	250
UB11K	Potentialdividenttype	PNP+PNP	-50	-100	30	-	-5	-5	10.0	10.0	250
UB11H	Potentialdividenttype	PNP+PNP	-50	-100	30	-	-5	-5	10.0	10.0	250
UG9J	Potentialdividenttype	NPN+NPN	50	100	30	-	5	5	10.0	10.0	250
UG9G	Potentialdividenttype	NPN+NPN	50	100	30	-	5	5	10.0	10.0	250
UG9K	Potentialdividenttype	NPN+NPN	50	100	30	-	5	5	10.0	10.0	250

UG9H	Potentialdivident ype	NPN+NPN	50	100	30	-	5	5	10.0	10.0	250
UH11J	Potentialdivident ype	NPN+NPN	50	100	30	-	5	5	10.0	10.0	250
UH11G	Potentialdivident ype	NPN+NPN	50	100	30	-	5	5	10.0	10.0	250
UH11K	Potentialdivident ype	NPN+NPN	50	100	30	-	5	5	10.0	10.0	250
UH11H	Potentialdivident ype	NPN+NPN	50	100	30	-	5	5	10.0	10.0	250
UD3J	Potentialdivident ype	PNP+NPN	-50	-100	30	-	-5	-5	10.0	10.0	250
	Potentialdivident ype		50	100	30	-	5	5	10.0	10.0	250
UD3G	Potentialdivident ype	PNP+NPN	-50	-100	30	-	-5	-5	10.0	10.0	250
UG9G	Potentialdivident ype		50	100	30	-	5	5	10.0	10.0	250
UD3K	Potentialdivident ype	PNP+NPN	-50	-100	30	-	-5	-5	10.0	10.0	250
	Potentialdivident ype		50	100	30	-	5	5	10.0	10.0	250
UD3H	Potentialdivident ype	PNP+NPN	-50	-100	30	-	-5	-5	10.0	10.0	250
	Potentialdivident ype		50	100	30	-	5	5	10.0	10.0	250
UA10J	Leakabsorptiont ype	PNP+PNP	-50	-100	33	-	-5	-5	1.0	10.0	250
UA10G	Leakabsorptiont ype	PNP+PNP	-50	-100	33	-	-5	-5	1.0	10.0	250
UA10K	Leakabsorptiont ype	PNP+PNP	-50	-100	33	-	-5	-5	1.0	10.0	250
UA10H	Leakabsorptiont ype	PNP+PNP	-50	-100	33	-	-5	-5	1.0	10.0	250
UA11J	Leakabsorptiont ype	PNP+PNP	-50	-100	33	-	-10	-5	1.0	10.0	250
UA11G	Leakabsorptiont ype	PNP+PNP	-50	-100	80	-	-10	-5	4.7	47.0	250

UA11K	Leakabsorptions- type	PNP+PNP	-50	-100	80	-	-10	-5	4.7	47.0	250
UA11H	Leakabsorptions- type	PNP+PNP	-50	-100	80	-	-10	-5	4.7	47.0	250
UG8J	Leakabsorptions- type	NPN+NPN	50	100	80	-	10	5	4.7	47.0	250
UG8G	Leakabsorptions- type	NPN+NPN	50	100	80	-	10	5	4.7	47.0	250
UG8K	Leakabsorptions- type	NPN+NPN	50	100	80	-	10	5	4.7	47.0	250
UG8H	Leakabsorptions- type	NPN+NPN	50	100	80	-	10	5	4.7	47.0	250
UA3J	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UA3G	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UA3K	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UA3H	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UB3J	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UB3G	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UB3K	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UB3H	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UB7G	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UB7H	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	4.7	None	250
UA4J	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250
UA4G	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250
UA4K	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250
UA4H	Inputresistor- type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250

UB4J	Inputresistor type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250
UB4G	Inputresistor type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250
UB4K	Inputresistor type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250
UB4H	Inputresistor type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250
UB8	Inputresistor type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250
UB8K	Inputresistor type	PNP+PNP	-50	-100	100	600	-1	-5	10.0	None	250
UA6J	Inputresistor type	PNP+PNP	-50	-100	100	600	-1	-5	47.0	None	250
UA6K	Inputresistor type	PNP+PNP	-50	-100	100	600	-1	-5	47.0	None	250
UG3J	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UG3G	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UG3K	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UG3H	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UG4J	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UG4G	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UG4K	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UG4H	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UG6J	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250
UG6G	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250
UG6K	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250
UG6H	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250

UH3J	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UH3G	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UH3K	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UH3H	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UH4J	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UH4G	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UH4K	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UH4H	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UH15G	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250
UH15H	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250
UH7J	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UH7K	Inputresistor type	NPN+NPN	50	100	100	600	1	5	4.7	None	250
UH8J	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UH8G	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UH8K	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UH8H	Inputresistor type	NPN+NPN	50	100	100	600	1	5	10.0	None	250
UH14J	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250
UH14G	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250
UH14K	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250

UH14H	Inputresistor type	NPN+NPN	50	100	100	600	1	5	47.0	None	250
UD1G	Inputresistor type	PNP+NPN	-50	-100	100	600	-1	-5	22.0	None	250
	Inputresistor type		50	100	100	600	1	5	22.0	None	250
UD1H	Inputresistor type	PNP+NPN	-50	-100	100	600	-1	-5	22.0	None	250
	Inputresistor type		50	100	100	600	1	5	22.0	None	250
UD6J	Inputresistor type	PNP+NPN	-50	-100	100	600	-1	-5	4.7	None	250
	Inputresistor type		50	100	100	600	1	5	4.7	None	250
UD6G	Inputresistor type	PNP+NPN	-50	-100	100	600	-1	-5	4.7	None	250
	Inputresistor type		50	100	100	600	1	5	4.7	None	250
UD6K	Inputresistor type	PNP+NPN	-50	-100	100	600	-1	-5	4.7	None	250
	Inputresistor type		50	100	100	600	1	5	4.7	None	250
UD6H	Inputresistor type	PNP+NPN	-50	-100	100	600	-1	-5	4.7	None	250
	Inputresistor type		50	100	100	600	1	5	4.7	None	250
UD8G	Inputresistor type	PNP+NPN	-50	-100	100	600	-1	-5	47.0	None	250
	Inputresistor type		50	100	100	600	1	5	47.0	None	250
UD8H	Inputresistor type	PNP+NPN	-50	-100	100	600	-1	-5	47.0	None	250
	Inputresistor type		50	100	100	600	1	5	47.0	None	250
UD16G	Inputresistor type	PNP+NPN	-50	-500	39	-	-50	-5	2.2	2.2	*200
	Inputresistor type		50	100	100	600	1	5	100.0	None	250

UD16H	Inputresistor type	PNP+NPN	-50	-500	39	-	-50	-5	2.2	2.2	*200
	Inputresistor type		50	100	100	600	1	5	100.0	None	250
UD22J	Inputresistor type	PNP+NPN	-50	-100	80	-	-10	-5	4.7	47.0	250
	Inputresistor type		50	100	80	-	10	5	4.7	47.0	250
UD22K	Inputresistor type	PNP+NPN	-50	-100	80	-	-10	-5	4.7	47.0	250
	Inputresistor type		50	100	80	-	10	5	4.7	47.0	250
DBC2314	Powermanagem ent	PNP+NPN	-50	-500	56	-	-50	-5	2.2	9.9	200
	Powermanagem ent		50	100	100	600	1	5	100.0	None	250
DBC2315	Powermanagem ent	PNP+NPN	-50	-500	56	-	-50	-5	2.2	9.9	200
	Powermanagem ent		50	100	100	600	1	5	100.0	None	250

EquivalentPart No.	Package (构造方式)
DTA124E*2	SOT-353
DTA124E*2	SOT-25
DTA124E*2	SOT-363
DTA124E*2	SOT-26
DTA124E*2	SOT-353
DTA124E*2	SOT-25
DTA124E*2	SOT-363
DTA124E*2	SOT-26
DTA124E*2	SOT-25
DTA124E*2	SOT-26
DTA144E*2	SOT-353
DTA144E*2	SOT-25
DTA144E*2	SOT-363
DTA144E*2	SOT-26
DTA144E*2	SOT-353
DTA144E*2	SOT-25
DTA144E*2	SOT-363
DTA144E*2	SOT-26

DTA144E*2	SOT-353
DTA144E*2	SOT-363
DTC124E*2	SOT-353
DTC124E*2	SOT-25
DTC124E*2	SOT-363
DTC124E*2	SOT-26
DTC144E*2	SOT-353
DTC144E*2	SOT-25
DTC144E*2	SOT-363
DTC144E*2	SOT-26
DTC124E*2	SOT-353
DTC124E*2	SOT-25
DTC124E*2	SOT-363
DTC124E*2	SOT-26
DTC144E*2	SOT-353
DTC144E*2	SOT-25
DTC144E*2	SOT-363
DTC144E*2	SOT-26
DTC124E*2	SOT-353
DTC124E*2	SOT-25

DTC124E*2	SOT-363
DTC124E*2	SOT-26
DTC144E*2	SOT-353
DTC144E*2	SOT-25
DTC144E*2	SOT-363
DTC144E*2	SOT-26
DTA124E	SOT-353
DTC124E	SOT-353
DTA124E	SOT-25
DTC124E	SOT-25
DTA124E	SOT-363
DTC124E	SOT-363
DTA124E	SOT-26
DTC124E	SOT-26
DTA123J	SOT-363
DTC123J	SOT-363
DTA144E	SOT-363
DTC144E	SOT-363
DTA123J*2	SOT-353
DTA123J*2	SOT-25

DTA123J*2	SOT-363
DTA123J*2	SOT-26
DTA143X*2	SOT-353
DTA143X*2	SOT-25
DTA143X*2	SOT-363
DTA143X*2	SOT-26
DTA114Y*2	SOT-353
DTA114Y*2	SOT-25
DTA114Y*2	SOT-363
DTA114Y*2	SOT-26
DTA114Y*2	SOT-353
DTA114Y*2	SOT-25
DTA114Y*2	SOT-363
DTA114Y*2	SOT-26
DTA123J*2	SOT-353
DTA123J*2	SOT-25
DTA123J*2	SOT-363
DTA123J*2	SOT-26
DTC114Y*2	SOT-353

DTC114Y*2	SOT-25
DTC114Y*2	SOT-363
DTC114Y*2	SOT-26
DTC123J*2	SOT-353
DTC123J*2	SOT-25
DTC123J*2	SOT-363
DTC123J*2	SOT-26
DTC114Y*2	SOT-353
DTC114Y*2	SOT-25
DTC114Y*2	SOT-363
DTC114Y*2	SOT-26
DTC123J*2	SOT-353
DTC123J*2	SOT-25
DTC123J*2	SOT-363
DTC123J*2	SOT-26
DTA143X	SOT-353
DTC144E	SOT-353
DTA143X	SOT-363
DTC144E	SOT-363

DTA114Y	SOT-353
DTC114Y	SOT-353
DTA114Y	SOT-25
DTC114Y	SOT-25
DTA114Y	SOT-363
DTC114Y	SOT-363
DTA114Y	SOT-26
DTC114Y	SOT-26
DTA114E*2	SOT-353
DTA114E*2	SOT-25
DTA114E*2	SOT-363
DTA114E*2	SOT-26
DTA114E*2	SOT-353
DTA114E*2	SOT-25
DTA114E*2	SOT-363
DTA114E*2	SOT-26
DTC114E*2	SOT-353
DTC114E*2	SOT-25
DTC114E*2	SOT-363

DTC114E*2	SOT-26
DTC114E*2	SOT-353
DTC114E*2	SOT-25
DTC114E*2	SOT-363
DTC114E*2	SOT-26
DTA114E	SOT-353
DTC114E	SOT-353
DTA114E	SOT-25
DTC114E	SOT-25
DTA114E	SOT-363
DTC114E	SOT-363
DTA114E	SOT-26
DTC114E	SOT-26
DTA113Z*2	SOT-353
DTA113Z*2	SOT-25
DTA113Z*2	SOT-363
DTA113Z*2	SOT-26
DTA143Z*2	SOT-353
DTA143Z*2	SOT-25

DTA143Z*2	SOT-363
DTA143Z*2	SOT-26
DTC143Z*2	SOT-353
DTC143Z*2	SOT-25
DTC143Z*2	SOT-363
DTC143Z*2	SOT-26
DTA143T*2	SOT-353
DTA143T*2	SOT-25
DTA143T*2	SOT-363
DTA143T*2	SOT-26
DTA143T*2	SOT-353
DTA143T*2	SOT-25
DTA143T*2	SOT-363
DTA143T*2	SOT-26
DTA143T*2	SOT-25
DTA143T*2	SOT-26
DTA114T*2	SOT-353
DTA114T*2	SOT-25
DTA114T*2	SOT-363
DTA114T*2	SOT-26

DTA114T*2	SOT-353
DTA114T*2	SOT-25
DTA114T*2	SOT-363
DTA114T*2	SOT-26
DTA114T*2	SOT-353
DTA114T*2	SOT-363
DTA144T*2	SOT-353
DTA144T*2	SOT-363
DTC143T*2	SOT-353
DTC143T*2	SOT-25
DTC143T*2	SOT-363
DTC143T*2	SOT-26
DTC114T*2	SOT-353
DTC114T*2	SOT-25
DTC114T*2	SOT-363
DTC114T*2	SOT-26
DTC144T*2	SOT-353
DTC144T*2	SOT-25
DTC144T*2	SOT-363
DTC144T*2	SOT-26

DTC143T*2	SOT-353
DTC143T*2	SOT-25
DTC143T*2	SOT-363
DTC143T*2	SOT-26
DTC114T*2	SOT-353
DTC114T*2	SOT-25
DTC114T*2	SOT-363
DTC114T*2	SOT-26
DTC144T*2	SOT-25
DTC144T*2	SOT-26
DTC143T*2	SOT-353
DTC143T*2	SOT-363
DTC114T*2	SOT-353
DTC114T*2	SOT-25
DTC114T*2	SOT-363
DTC114T*2	SOT-26
DTC144T*2	SOT-353
DTC144T*2	SOT-25
DTC144T*2	SOT-363

DTC144T*2	SOT-26
DTA124T	SOT-25
DTC124T	SOT-25
DTA124T	SOT-26
DTC124T	SOT-26
DTA143T	SOT-353
DTC143T	SOT-353
DTA143T	SOT-25
DTC143T	SOT-25
DTA143T	SOT-363
DTC143T	SOT-363
DTA143T	SOT-26
DTC143T	SOT-26
DTA144T*2	SOT-25
DTC144T*2	SOT-25
DTA144T*2	SOT-26
DTC144T*2	SOT-26
DTB123E	SOT-25
DTC115T	SOT-25

DTB123E	SOT-26
DTC115T	SOT-26
DTA143Z	SOT-353
DTC143Z	SOT-353
DTA143Z	SOT-363
DTC143Z	SOT-363
DTB123Y	SOT-353
DTC115T	SOT-353
DTB123Y	SOT-26
DTC115T	SOT-26

TRANSISTOR List > TRANSISTOR WITH ZENER DIODE

Part No. (勾選方式)	極性 (勾選方式)	BVCEO	BVCBO	IC	hFE	hFE	hFE	hFE	VCE	VCE	VCE	VCE	ZenerVoltageRange	ZenerImpedance		Reverse LeakageCurrent		Forward Voltage	
		(V) Max. (Range)	(V) Max. (Range)	(A) Max. (Range)	MIN. (Range)	MAX. (Range)	test I _C (mA)	test V _{CE} (V)	(Sat)(V) MAX.	(Sat) test I _C (mA)	(Sat) test I _B (mA)								
UTX440156	NPN	40	60	0.60	100		150	1.0	0.75	500	50	5.60	5.49	5.71	40	5	0.10	1.00	0.90

Package
(**勾通方式**)

SOT-26

POWERMOSFET List > JFET

Part No. (勾選方式)	Description	V _{gs0} (V) (Range)	I _G (mA)	I _D (mA)	P _D (mW)	YFS MIN. (mS) (Range)	YFS Typ. (mS) (Range)	IDSS MIN. (uA) (Range)	I _{loss} MAX. (uA) (Range)	IDSSte st VDS(V)	IDSSte st VGS(V)	VGS(off) MIN. (V) (Range)	VGS(off) MAX. (V) (Range)	VGS(off) testVDS (V)	VGS(off) testID (uA)	CLASSIF ICATION NOFIDS S RANK	IDSS(uA)
TF218	JFETforConden serMIC	-20	10	1	100	0.65	1	140	350	5	0	-0.2	-1	5	1	E3/E4/E5	100-170/140-240/ 210-350
K596	JFETforConden serMIC	-20	10	1	100	0.4	1.2	100	800	5	0	*-0.6	-1.5	5	1	A/B/C/D/ E	100-170/150-240/ 210-350/320-480/ 440-800
TF215	JFETforConden serMIC	-20	10	1	100	0.8	1.2	140	350	5	0	-0.2	-1	5	1	E3/E4/E5	100-170/140-240/ 210-350
TF212	JFETforConden serMIC	-20	10	1	100	1	1.2	140	350	5	0	-0.2	-1.2	5	1	F4/F5	140-240/210-350
TF202	JFETforConden serMIC	-20	10	10	100	-	1.43	100	350	2	0	-	-0.38*	2	1	E3/E4/E5	0.1-0.17/0.14-0.24/ 0.21-0.35
TF2123	JFETforConden serMIC	-20	10	10	100	-	1.43	100	350	2	0	-	-0.38	2	1	E3/E4/E5	100-170/150-270/ 210-350
K1109	JFETforConden serMIC	-20	10	10	80	0.6	1.6	40	600	2	0	-0.1	-1	5	1	J32/J33/J 34/J35/J3 6/J37	40-70/60-110/ 90-180/150-300/ 200-450/300-600
K4059	JFETforConden serMIC	-20	10	0.5	100	1.35	1.85	140	500	2	0	-0.1	-1	2	1	A/B/C	140-240/210-350/ 320-500
TF219	JFETforConden serMIC	-20	10	10	100	-	2.1	210	350	2	0	-	-0.3	2	1	C	210-350
TF5123	JFETforConden serMIC	-20	10	10	100	-	2.1	100	500	2	0	-	-0.3	2	1	A/B/C/D	100-170/140-240/ 210-350/320-500
TF112304	JFETforConden serMIC	-20	10	10	100	-	1	140	350	2	0	-	-	2	1	B/C	140-240/210-350
2SK508	JFETforRFApplica tion	-15	5	50	200	14	19	10000	50000	5	0	-0.6	-3.5	5	10	K51/K52/ K53	10-20/15-30/25-50
UCF1923	JFETforGeneral purposeApplica tion	-6.5	10	10	100	0.4		140	400	2	0	-0.2	-1.5	2	1	B C D S	140~270 210~350 300~400 160~300
K1875	JFETforGeneral purposeApplica tion	-20	10	10	100	15	25	6000	32000	5	0	-	-2.5	5	1	GR/BL/V	6-12/10-20/16-32
2SK302	JFETforGeneral purposeApplica tion	-30	10	20	200	2.5	6	600	1600	10	0		-4	10	1	A/B/C	0.6-0.8/0.8-1.2/1.2- 1.6
2SK303	JFETforGeneral purposeApplica tion	-30	10	20	200	2.5	6	600	12000	10	0	*-1.0	-4	10	1	V2/V3/V4 /V5	0.6-1.5/1.2-3.0/ 2.5-6.0/5.0-12.0
2SK3666	JFETforGeneral purposeApplica tion	-30	10	10	200	3	6.5	600	6000	10	0	-0.18	-2.2	10	1	2/3/4	0.6-1.5/1.2-3.0/2.5- 6.0
UK2751	JFETforGeneral purposeApplica tion	-35	-	5	200	1	-	250	1200	5	0	-0.65	-0.85	5	1	-	-
J113	JFETforGeneral purposeApplica tion	-35	50	2	350	-	-	2000	-	15	0	-0.5	-3	15	1	-	-
2SK545	JFETforGeneral purposeApplica tion	-40	10	1	125	0.05	0.13	30	300	10	0	*-1.5	-4	10	1	B10/B11/ B12	30-80/60-180/150- 300
2SK2751	JFETforGeneral purposeApplica tion	-40	2	10	200	2.5		1400	4700	10	0		-3.5	10	1		
2SK209	JFETforGeneral purposeApplica tion	-50	10	3	150	4		1200	14000	10	0	-0.2	-1.5	10	1	Y	1200~3000 2600~6500 6000~14000
MMBF176	P-CHANNEL SWITCH	30	50		225			-2000	-25000	-15	0	1	4	-15	-0.01		
MMBF177*	P-CHANNEL SWITCH	30	50		225			-1500	-20000	-15	0	0.8	2.5	-15	-0.01		

Package (勾选方式)
SOT-523 SOT-723
TO-92SP
SOT-523
SOT-113S SOT-523 SOT-723
SOT-113S SOT-723 TO-523 SOT-23
SOT-23 SOT-523 SOT-723
SOT-23-3 SOT-23S SOT-723
SOT-723 TSOT-723
SOT-723
SOT-723
SOT-723
SOT-23
SOT-723
SOT-323 SOT-23
SOT-113S SOT-723 SOT-23 TO-92
SOT-23 TO-92 SOT- 113SOT723
SOT-23
SOT-23 SOT-23S SOT-723
SOT-23
SOT-23
SOT-23 SOT-323
SOT-23
SOT-23
SOT-23

POWERMOSFET List > Combo Power MOSFET

Configuration (勾選方式)	Part No. (勾選方式)	V _{DSS} (V) (Range)	V _{GSS} (V) (Range)	I _D (A) (Range)	RDS(ON)) V _{GS} =10V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =4.5 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =4.0 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =2.5 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =1.8 V (mΩ) (Max) (Range)	VGS(th) (V) (Min) (勾選方式)	VGS(th) (V) (Max) (勾選方式)
DualN	UT8205A	20	±8	6	-	28	-	38	-	0.5	1.5
DualN	UD9926	20	±10	6	-	32	-	45	-	0.5	1.5
DualN	UT6898	20	±12	9.4	-	14	-	18	-	0.5	1.5
DualN	UK3018BW	30	±20	0.1	-		8000	13000	-	0.8	1.5
DualN	UM6K1N	30	+20 -12	0.1	-		8000	13000	-	0.8	1.5
DualN	UT03NN03Z	30	±10	0.3		1200		1600	3000	0.4	1
DualN	UT7317	30	±20	6	28	42	-	-	-	1	2
DualN	UT4812	30	±20	6.9	28	42	-	-	-	1	3
DualN	UT4812Z	30	±20	6.9	28	42	-	-	-	1	3
DualN	UT4232	30	±20	7.8	22	32	-	-	-	1	3
DualN	UT4822	30	±20	8.5	19	26	-	-	-	1	3
DualN	UTT8NN03	30	±20	8	30	40	-	-	-	1	3
DualN	UTT10NN03	30	±20	10	20	30	-	-	-	1	3
DualN	UTT21NN03	30	±20	10.5	23	35	-	-	-	0.8	2
DualN	UD8N04Z	40	±12	5.2	85	112				1	3
DualN	UD12N04Z	40	±12	6	38	50				1	2.5
DualN	UD4840-H	40	±20	6	32	42	-	-	-	1.5	3
DualN	UT20NN04	40	±20	20	20	32				1	3
DualN	UT24NN04	40	±20	24	15	20				1	3
DualN	UP672	50	±7	0.1	-	-	20000	40000	-	0.7	1.5
DualN	2N7002KDW	60	±20	0.115	3000	4000	-	-	-	1	2.5
DualN	UM6K31N	60	±20	0.25	2400	3000	-	12000	-	1	2.5
DualN	2N7002DW-Q	60	±20	0.3	2500	-	-	-	-	1	2.5
DualN	2N7002DW	60	±20	0.3	2000	-	-	-	-	1	2.5
DualN	2N7002ZDW	60	±20	0.3	4000	-	-	-	-	1	2.5
DualN	UP9971	60	±25	5	60	72	-	-	-	1.5	3
DualN	UT9971	60	±20	5	63	86	-	-	-	1	3
DualN	UTT15NN06	60	±20	15	35	53	-	-	-	1	3
DualN	UT20NN06	60	±20	20	35	47				1	3

POWERMOSFET List > Combo Power MOSFET

Configuration (勾選方式)	Part No. (勾選方式)	V _{DSS} (V) (Range)	V _{GSS} (V) (Range)	I _D (A) (Range)	RDS(ON)) V _{GS} =10V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =4.5 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =4.0 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =2.5 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =1.8 V (mΩ) (Max) (Range)	VGS(th) (V) (Min) (Max) (勾選方式)	VGS(th) (V) (Max) (勾選方式)
DualN	UT30NN06	60	±20	15	32	40	-	-	-	1	3
DualN	UTT48NN06	60	±20	24	20	30	-	-	-	1	3
DualN	UTT48NN06-Q	60	±20	24	18	21	-	-	-	1	3
DualN	12NN10	100	±20	2.5	180	-	-	-	-	1	3
DualN	UTT12NN10	100	±20	2.5	280	-	-	-	-	1	3
DualN	UT3NN10	100	±20	3	150	170	-	-	-	1	3
DualN	UT8NN10	100	±20	4	120	145	-	-	-	1	3
DualN	UT17NN10	100	±20	17	105	-	-	-	-	1	2.5
DualN	UT30NN10H	100	±20	30	38	-	-	-	-	2	4
DualN	10NN15	150	±20	3	400	-	-	-	-	2	4
DualN	2NN50-SE1	500	±30	2	6500	-	-	-	-	2	4
DualN	F2NN50-LC1	500	±30	2	5000	-	-	-	-	2	4
DualN	1NN70-ML	700	±30	1	8000	-	-	-	-	2	4
DualN	2NN65-LC1	650	±30	2	5500	-	-	-	-	2	4
DualN	4NN65-MHQ	650	±30	4	3600	-	-	-	-	2	4
DualP	UD4P02	-20	±16	-4	80	100	-	-	-	-1	-2.5
DualP	UTM4953	-30	±25	-4.9	60	95	-	-	-	-1	-2
DualP	UTM4953-H	-30	±25	-5	55	85	-	-	-	-1.2	-2.5
DualP	UT4957	-30	±20	-7.7	24	36	-	-	-	-1	-3
DualP	UT9PP03	-30	±20	-9	18	26	-	-	-	-1	-3
DualP	UT20PP03	-30	±20	-20	20	27.5	-	-	-	-1	-3
DualP	BSS84ZDW	-50	±20	-0.13	-	10000	-	-	-	-0.8	-2
DualP	UT3PP06	-60	±20	-3	160	200	-	-	-	-1	-3
N+P	UD6604-H	20 -20	±8	3.4 -2.5	-	40 66	-	55 83	80 93	0.4 -0.4	1.0 -1.0
N+P	UTT30NP30	20 -25	±8 ±20	30	15 25	18 34	-	-	-	0.5 -1.0	1.2 -3.0
N+P	UT6M2	30 -20	±12	1.5 -1	-	240 390	250 430	340 800	-	0.5 -0.7	1.5 -2.0
N+P	QS8M11	30 -30	±20	3.5 -3.0	50 75	65 115	-	-	-	1.0 -1.0	2.5 -2.5
N+P	UT4NP03	30 -30	±20	4 -4	45 96	62 130	-	-	-	1 -1	3 -3
N+P	UP2790	30 -30	±20	6.0 -6.0	28 60	40 80	-	-	-	1.5 -1.0	2.5 -2.5

POWERMOSFET List > Combo Power MOSFET

Configuration (勾選方式)	Part No. (勾選方式)	V _{DSS} (V) (Range)	V _{GSS} (V) (Range)	I _D (A) (Range)	RDS(ON)) V _{GS} =10V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =4.5 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =4.0 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =2.5 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =1.8 V (mΩ) (Max) (Range)	VGS(th) (V) (Min) (勾選方式)	VGS(th) (V) (Max) (勾選方式)
N+P	UD4606	30 -30	±20	6.9 -6.0	28 35	42 58	-	-	-	1.0 -1.2	3.0 -2.4
N+P	UD4606Z	30 -30	±20	6.9 -6.0	28 35	42 58	-	-	-	1.0 -1.2	3.0 -2.4
N+P	UT5003	30 -30	±20	7.0 -5.0	27.5 45	40 80	-	-	-	1.0 -1.0	2.5 -2.5
N+P	UT5003Z	30 -30	±20	7.0 -5.0	27.5 45	40 80	-	-	-	1.0 -1.0	2.5 -2.5
N+P	UTT9NP03	30 -30	±20	9.0 -8.0	16 28.6	23.7 40.3	-	-	-	1.0 -1.0	2.5 -2.5
N+P	20NP03	30 -30	±20	25.0 -19.0	18 38	28 64	-	-	-	1.0 -1.0	2.5 -2.5
N+P	UD4509-H	30 -30	±20	28.0 -25.0	10 21	16 32	-	-	-	1.0 -1.0	3.0 -3.0
N+P	UTT8NP03	30 -30	±20	8.0 -5.0	30 70	40 100	-	-	-	1.0 -1.0	3.0 -3.0
N+P	UTT12NP03	30 -30	±10	12.0 -8.0	30 50	35 70	-	-	-	0.5 -0.5	2.0 -2.0
N+P	UT25NP03	30 -30	±20	25 -25	16 24	24 32	-	-	-	1 -1	3 -3
N+P	UD4614	40 -40	±20	6.1 -5.2	31 45	45 63	-	-	-	1.0 -1.0	3.0 -3.0
N+P	UD606	40 -40	±20	8.0 -8.0	33 50	55 70	-	-	-	1.0 -1.0	3.0 -3.0
N+P	UT20NP04	40 -40	±20	10 -10	45 73	65 150				1 -1	3 -3
N+P	UT8NP04	40 -40	±20	16 -16	18 50	30 68	-	-	-	1 -1	3 -3
N+P	UD3004-H	40 -40	±20	15.0 -12.0	32 40	42 52	-	-	-	1.2 -1.2	3.0 -3.0
N+P	UT35NP04	40 -40	±20	15 -15	20 45	30 58				1 1	3 -3
N+P	UTM4052	40 -40	±20	17 -15	38 50	-	-	-	-	1.3 -1.3	2.5 -2.5
N+P	22NP04	40 -40	±20	24.0 -19.0	30 35	-	-	-	-	1.6 -1.6	3.0 -3.0
N+P	UT30NP04	40 -40	±20	30 -30	40 50	60 80				1 -1	3 -3
N+P	F17NP055	55 -55	±20	34 -34	44 134					2.0 -2.0	4.0 -4.0
N+P	UT3NP06	60 -60	±20	3 -3	56 95	66 120				1.0 -1.0	3.0 -3.0
N+P	UT18NP06	60 -60	±20	9 -9	18 50	28 70				1 -1	3 -3
N+P	UTT10NP06	60 -60	±20	10 -10	56 68	64 88	-	-	-	1.0 -1.0	3.0 -3.0
N+P	UT20NP06	60 -60	±20	10 -10	30 63	46 76	-	-	-	1 -1	3 -3
N+P	UT15NP06	60 -60	±20	15 -15	58 115	83 170	-	-	-	1 -1	3 -3
N+P	UT32NP06	60 -60	±20	16 -16	18 65	20 112				1 -1	3 -3
N+P	UT14NP08	80 -80	±20	14 -14	70 190	75				1 -2	3 -4
N+P	UTT6NP10	100 -100	±20	6 -6	150 155	200 210	-	-	-	1.0 -1.0	3.0 -3.0

POWERMOSFET List > Combo Power MOSFET

Configuration (勾選方式)	Part No. (勾選方式)	V _{DSS} (V) (Range)	V _{GSS} (V) (Range)	I _p (A) (Range)	RDS(ON)) V _{GS} =10V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =4.5 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =4.0 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =2.5 V (mΩ) (Max) (Range)	RDS(ON)) V _{GS} =1.8 V (mΩ) (Max) (Range)	VGS(th) (V) (Min) (Max) (勾選方式)	VGS(th) (V) (Max) (勾選方式)
N+P	UT18NP10	100 -100	±20	9 -9	60 220	68 250	-	-	-	1 -1	3 -3
DualN+DualP	UD9930	30 -30	±25	5.5 -4.1	40 60	60 100	-	-	-	1.0 -1.0	3.0 -3.0
DualN+DualP	UD9930M	30 -30	±25	5.5 -4.1	45 70	70 100	-	-	-	1.0 -1.0	3.0 -3.0
DualN+DualP	6NNPP03	30 -30	±20	6	28 50	33 65	-	52120	-	0.7	1.4 1.3
DualN+DualP	2NNPP06	60 -60	±20	2 -1.9	250 400	350 600	-	-	-	1.0 -1.0	3.0 -3.0
DualN+DualP	1NNPP10	100 -100	±20	1.0 -0.89	700 1000	-	-	-	-	1.0 -1.0	3.0 -3.0
N+Schottky	UT4810D	30	±20	7.5	13.5	20	-	-	-	1	3

Package (勾选方式)
SOT-26 SOP-8 TSSOP-8
TSSOP-8 SOP-8 PDFN3x3
SOP-8
SOT-353
SOT-363
SOT-363
SOP-8
SOP-8
SOP-8 TSSOP-8
SOP-8
SOP-8 PDFN5x6 PDFN3x3
SOP-8
SOP-8
PDFN3x3 PDFN5x6
SOP-8
SOP-8
SOP-8
SOP-8
SOP-8
SOP-8
SOT-363
SOT-363
SOT-363
SOT-363
SOT-363
SOT-363 SOT-26
DIP-8 SOP-8
SOP-8
SOP-8
SOP-8 PDFN5x6

Package (勾选方式)
PDFN5×6
SOP-8 PDFN5×6
SOP-8
SOP-8
PDFN3×3 SOP-8
PDFN5×6
SOP-8
SOP-8
PDFN5×6
SOP-8
SOP-8
SOP-8
PDFN5×6
PDFN5×6
PDFN5×6
SOP-8
SOP-8
SOP-8
SOP-8
SOP-8
SOP-8
SOT-363
SOP-8
SOT-26
TO-252-4
SOT-363
SOP-8
SOP-8
SOP-8

Package (勾选方式)
DIP-8 SOP-8
SOP-8
SOP-8
SOP-8
SOP-8
TO-252-4
SOP-8 PDFN5X6
SOP-8
PDFN3x3
TO-252-4
SOP-8 TO-252-4
TO-252-5 SOP-8 PDFN5x6 SOP-8 PDFN3X3 TO-252-4
SOP-8 TO-252-4
TO-252-4
SOP-8 TO-252-4
SOP-8 TO-252-4 PDFN5x6
TO-252-4
TO-252-4
SOP-8
SOP-8
TO-252-4 PDFN5x6
SOP-8 TO-252-4 TO-220-5 PDFN5x6 SOP-8 TO-252-4 PDFN5x6
SOP-8
PDFN5x6
TO-252-4
SOP-8 TO-252-4 PDFN5x6

POWERMOSFET List > Trench Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON)M AX.(mΩ) at VGS=10V (Range)	RDS(ON)M AX.(mΩ) at VGS=4.5V (Range)	RDS(O N)MAX. (mΩ) at VGS=2.5V (Range)	RDS(O N)MAX. (mΩ) at VGS=1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)
UF7476	12	±12	15	-	8	30	-	1750	770	730	29	3	13	0.6	1.9
100N02	15	±8	100	-	7.5	-	-	3565	1310	395	46	6.9	9.8	0.5	1.2
UT3043Z	20	±10	0.255	-	2500	4500	5500	22	14.5	7.8	3.4	0.6	0.5	0.4	1.3
UT3434	20	±8	0.75	-	300	450	600	38	18	11	3.8	0.6	0.4	0.3	1
UTT08N02Z-F	20	±8	0.8	-	300	450	700	38.2	14.4	6	1	0.26	0.2	0.3	0.85
BSS214	20	±12	1.5	-	140	250	-	74.9	32.4	24.8	9.46	0.9	1.24	0.5	1.2
UT3430	20	±8	2	-	150	215	400	-	-	-	44	0.7	1	0.7	1.1
UT2302	20	±8	2.4	-	50	95	-	229	67	57	6.2	0.8	1.9	0.45	1.2
UT2302D	20	±8	2.4	-	90	120	182	69	31	22	7	2	0.6	0.45	1.2
UT2308	20	±10	2.7	-	80	110	-	130	50	38	3.2	0.9	0.8	0.4	1
2SK3476	20	±5	3	-	-	-	-	54	49	-	-	-	-	0.55	1.55
UT3414	20	±8	4.2	-	50	63	87	256	72	58	8	1	1.6	0.4	1
UML2502	20	±12	4.2	-	45	80	-	225	60	50	7	1	1.7	0.45	1.2
UT2312	20	±8	5	-	33	40	-	900	140	100	11	1.4	2.2	0.45	-
UTM2054	20	±16	5	40	54	130	-	450	100	60	11.5	3.8	5.2	0.6	1.5
UT2312H	20	±8	5	-	55	85	-	200	44	36	3.2	0.5	0.3	0.5	1.2
UT3416	20	±8	6.5	-	22	26	40	600	158	142	25	2.2	4	0.4	1
UP9T15G	20	±12	12.5	-	50	80	-	360	70	50	5	1	2	0.5	1.5
UT20N02L	20	±8	20	20	35	-	-	1300	800	730	14.8	2.8	5	0.3	1
UTP45N02	20	±10	45	-	-	-	-	1300	724	250	50	30	1.5	1	2
UT45N02L	20	±8	45	-	9	11	15	1340	240	210	26	3	10	0.4	1
90N02	20	±8	90	-	12	-	-	3565	1310	395	46	6.9	9.8	0.55	1.2
90N02A	20	±8	90	-	10	-	-	3565	1310	395	46	6.9	9.8	0.55	1.2
UTT200N02	20	±20	200	2.4	-	-	-	5490	1220	155	84	19	12	1	3
UTN3055	25	±20	12	90	-	-	-	450	200	60	15	2	7	0.8	2.5
UT3055	25	±16	12	70	95	-	-	240	97	68	3.2	-	0.8	1.10typ	-
UT8242	25	±20	8.5	13	21	-	-	785	315	260	30	4.6	7	1	3
UT45N03	25	±15	40	21	-	-	-	700	290	200	19	5	8	1	2
UTM2513	25	±20	40	13	23	-	-	1560	345	245	28	3.6	8.4	1.3	2.5
UTD452	25	±20	55	8.5	14	-	-	1429	332	294	40	21	5.5	1	3
UK3919	25	±20	64	5.6	-	-	-	2050	460	330	42	8	15	2	3
UT75N02	25	±20	75	7	-	-	-	5000	1800	800	140	40	75	1	3
UK3018	30	+20/-12	0.1	-	-	13000	-	13	9	4	-	-	-	0.8	1.5

POWERMOSFET List > Trench Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON)M AX.(mΩ) at VGS=10V (Range)	RDS(ON)M AX.(mΩ) at VGS=4.5V (Range)	RDS(O N)MAX. (mΩ) at VGS=2.5V (Range)	RDS(O N)MAX. (mΩ) at VGS=1.8V (Range)	RDS(O N)MAX. (mΩ) at VGS=1.5V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)
UK3019	30	±20	0.1	-	-	13000	-	-	13	9	4	-	-	-	0.8	1.5
UT3N01Z	30	±10	0.15	-	-	3000	-	-	20	11	5.8	3.4	0.8	0.4	0.4	1.3
UTD351	30	±20	1.4	160	250	-	-	-	145	35	15	1.3	0.5	0.5	0.8	3
UT2304	30	±20	2.5	117	190	-	-	-	280	53	43	9.4	1.8	1.3	1	3
UT2306	30	±20	3.5	65	90	-	-	-	145	43	35	9.7	1.5	0.7	1	2
UT3406	30	±20	3.6	65	105	-	-	-	145	43	35	6	1.5	0.7	1	3
UT2316	30	±20	3.6	65	85	-	-	-	145	43	35	9.7	1.5	0.7	1	3
UT3418	30	±12	3.8	60	70	140	-	-	186	31	24	7	1.2	0.6	0.6	1.8
UT3400-H	30	±12	5.3	32	35	52	-	-	695	45	36	8.4	1	2.2	0.4	0.9
UT3404	30	±20	5.8	28	48	-	-	-	590	270	120	23.5	2.7	5.7	1	3
UT3400	30	±12	5.8	28	33	52	-	-	550	72	57	9	1.4	3.4	0.7	1.4
UT4800	30	±25	6.5	18.5	30	-	-	-	-	-	-	8.7	1.5	3.5	0.8	1.8
UT6402	30	±20	6.9	28	42	-	-	-	680	102	77	13.88	1.82	3.2	1	3
UT7N03Z	30	±12	7	65	90	-	-	-	229	69	57	9.6	1.2	1.6	0.5	2
UTD410	30	±20	8	65	105	-	-	-	142	43	35	10.8	1.8	2.2	1	3
UT4414	30	±20	8.5	26	40	-	-	-	420	110	95	12.4	1.6	2.7	1	3
UT4404	30	±12	8.5	24	30	48	-	-	857	97	71	10	1.8	3.75	0.7	1.4
UT4404V	30	±12	8.5	20	21.5	30	43.5	-	677	82	71	18	3	5	0.5	1.2
UT8067-H	30	±20	9	18	28	-	-	-	345	55	32	4.1	1	2.1	1.2	2
UTD420	30	±20	10	28	42	-	-	-	710	120	72	14.4	2.6	2.7	1	3
UT4466	30	±25	10	23	33	-	-	-	478.9	96.7	61.4	10.5	1.8	1.6	1	2.4
UT4410	30	±20	11	11	15	-	-	-	820	280	150	38	5	11	1	3
UT4422	30	±20	11	15	24	-	-	-	850	201	168	29	4	8	1	3
UT4406	30	±12	12	14.8	17.5	26.8	-	-	1500	195	170	25	4	7.5	0.5	1.5
UT4392	30	±20	12.5	11.5	16.5	-	-	-	2134	343	134	26	6	5	1	3
UT4446-H	30	±20	15	13	18	-	-	-	717	194	165	28.4	4	7.5	1	3
UT4446	30	±20	15	7.8	13	-	-	-	1280	270	229	44	5	10.5	1	3
UTD408	30	±20	18	18	27	-	-	-	1040	180	110	19.8	2.5	3.5	1	2.5
UT20N03	30	±20	20	20	31	-	-	-	390	110	92	16.6	1.7	3.1	1	3
UF7832	30	±20	20	4	5.5	-	-	-	4150	760	700	34	8.6	12	1	2.5
UTD484	30	±20	25	15	23	-	-	-	938	142	99	17.5	3	4.1	1	2.5

POWERMOSFET List > Trench Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON)M AX.(mΩ) at VGS=10V (Range)	RDS(ON)M AX.(mΩ) at VGS=4.5V (Range)	RDS(O N)MAX. (mΩ) at VGS=2.5V (Range)	RDS(O N)MAX. (mΩ) at VGS=1.8V (Range)	RDS(O N)MAX. (mΩ) at VGS=1.5V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)
UTT26N03-H	30	±12	26	12	18	-	-	-	750	130	95	16	8.8	1.6	1	2.5
UT40N03T	30	±25	40	25	45	-	-	-	680	120	100	13	3	6.2	1	3
UT30N03	30	±20	30	30	45	-	-	-	1170	320	60	18	5.5	2	1	-
UTD20N03	30	±20	30	20	31	-	-	-	530	200	60	8.4	2.5	6.4	1	3
UTM3023	30	±20	30	20	-	-	-	-	1200	220	100	15	5.8	3.8	1	2
UD4809	30	±20	30	9	14	-	-	-	1456	315	200	11	4.8	5	1	2.5
UT7430	30	±20	34	12	16	-	-	-	780	200	165	32.7	7.6	7.2	1.5	2.5
UT40N03	30	±20	40	17	23	-	-	-	600	145	125	24	3	6	1	3
UTT40N03	30	±20	40	17	23	-	-	-	800	380	133	117	3	10	1	3
UT7422	30	±20	40	5.6	9.6	-	-	-	2140	490	425	33	8	17	1	3
UT7422-H	30	±20	40	4.3	6	-	-	-	2500	400	295	48	5.7	8.3	1.3	2.4
UT7422Z	30	±20	40	4.3	6	-	-	-	2445	390	220	41	7.2	6.6	1.3	2.4
UTD36N03	30	±20	43.4	17	22	-	-	-	690	160	110	18.5	4.2	2.9	1	2
UT60T03	30	±20	45	12	25	-	-	-	1135	200	135	11.6	3.9	7	1	3
UTT45N03	30	±20	45	10	18	-	-	-	920	238	210	25.7	2.6	6	0.9	2
UTL1426	30	±12	46	10.5	12.5	-	-	-	1210	330	85	22	3.7	2.7	1	2.5
UT50N03	30	±20	50	14	23	-	-	-	610	300	125	15	1.9	3.9	1	2
UTT50N03L	30	±20	50	7.8	13	-	-	-	1070	250	219	32	2.6	8	1	3
UT3006	30	±20	55	9	16	-	-	-	2200	420	365	13	2.5	9.5	1	3
UT60N03	30	±20	60	23	30	-	-	-	900	210	90	9.6	3.4	3.4	1	3
UT70N03	30	±20	70	7.2	9.5	-	-	-	2190	408	340	42	7	26	1	3
UTD436	30	±20	60	7.5	13	-	-	-	1520	306	214	31.9	5	9.6	1	3
UTT60N03H-H	30	+20/-16	60	5.5	8.5	-	-	-	1450	445	38	19.4	4	1.8	1.1	2.2
UTM3052-H	30	±20	62	8	12.5	-	-	-	600	120	70	60	1	5.5	1.2	2.5
UT65N03	30	±20	65	8.4	14.6	-	-	-	1177	555	218	12.2	2.95	6.08	1.3	3
UTT68N03	30	±20	68	9.2	18	-	-	-	1802	275	225	77	7.6	12	0.8	2
UTT75N03	30	±20	75	4	7	-	-	-	4350	850	630	102	22	24	1	3
ULB4132	30	±20	78	5.3	8	-	-	-	2140	490	425	33	8	17	1	3
UT90N03	30	±20	90	4.5	5.5	-	-	-	4500	1400	700	171	34	29	1.5	2.5
UTT95N03-H	30	±20	95	4	6	-	-	-	2700	460	330	57	16	11	1	3
UT100N03	30	±20	100	4.6	6	-	-	-	5200	1040	900	81	20	37	1	3
UT100N03-Q	30	±20	100	5.3	8	-	-	-	2140	490	425	33	8	17	1	3
UNA03R029M	30	±20	105	2.9	3.7	-	-	-	12600	2360	1580	400	15	60	1	3
UT120N03	30	±20	120	4	6.6	-	-	-	4080	820	740	146	12	54	1	3

POWERMOSFET List > Trench Power MOSFET(N-CH)

N-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON)M AX.(mΩ)at VGS=10V (Range)	RDS(ON)M AX.(mΩ)at VGS=4.5V (Range)	RDS(ON)M MAX. (mΩ)at VGS=2.5V (Range)	RDS(ON)M MAX. (mΩ) atVGS=1.8V (Range)	RDS(ON)M MAX. (mΩ)at VGS=1.5V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)
UT136N03	30	±20	136	3	4	-	-	-	4820	1220	940	70	22	40	1	3
UTT150N03	30	±20	150	4.1	4.6	-	-	-	5200	970	570	106	15	23	1	3
UTT200N03	30	±20	200	2.6	-	-	-	-	5490	1220	155	200	11	40	1	3
UTT220N03	30	±20	220	2.4	-	-	-	-	5490	1220	155	200	9.5	12	1	3
UT5N04M	40	±20	5	45	60				288	43	33	14	2.5	2.2	1	3
UD8N04Z	40	±12	5.2	85	112	-	-	-	370	69	48	5.3	2.1	0.8	1	3
UD12N04Z	40	±12	6	38	50	-	-	-				-			1	2.5
UT4450	40	±20	7	30	38	-	-	-	404	95	37	9.2	1.6	2.6	1	3
UTD454	40	±20	12	33	47	-	-	-	380	57	49	17	3	4	1	3
UTT20N04	40	±20	20	33	60	-	-	-	480	92	81	17	1.8	2.8	1	3
UT20N04	40	±20	20	30	50	-	-	-	370	50	43	12	1.7	2	1	3
UT24N04	40	±20	24	17	22	-	-	-	579	88	73	19	1.8	3.5	0.6	1.8
UTT25N04	40	±20	25	28	52				570	90	70	19	2.1	5	1	3
UT25N04	40	±12	25	20	26				700	87	75	14	4.2	7	1	3
UT30N04	40	±20	30	13	25	-	-	-				-	-	-	1	3
UT35N04	40	±20	35	12	17				1161	144.3	126	37.8	5.2	11.5	1	3
UT38N04	40	±20	38	8.5	13				1240	190	167	23.4	2.8	10	1	3
UT40N04	40	±20	40	12	16	-	-	-	1230	144	122	34.5	5.3	8.4	1	3
UT45N04	40	±20	45	8.5	12				1520	185	155	26	5	11	1	3
UT50N04	40	±20	50	7	11	-	-	-	1800	265	230	33	7.5	18	0.8	2.3
UT80N04	40	±20	80	6	8				2180	340.7	291.8	74.2	6.4	26.7	1	3
UTT85N04	40	±20	85	3.7	4.3	-	-	-	6450	650	455	455	25	50	1	3
UT100N04	40	±20	100	4.8	6.5	-	-	-	3450	640	580	110	12	25	1	3
UF7446	40	±20	100	3.7	-	-	-	-	4250	540	460	115	25	40	2	4
UTT120N04	40	±20	120	3.8	5.1	-	-	-	6500	740	400	160	20	38	1	3
UK1398	50	±7	0.1	-	-	40000	-	-	11	11	4	-	-	-	1	3
UP672	50	±7	0.1	-	-	40000	-	-	27	17	11	-	-	-	0.7	1.5
UK2158	50	±7	0.1	-	-	20000	-	50000	6	8	1	-	-	-	0.5	1.1
BSS138	50	±20	0.22	3500	6000	8000	-	-	19	9.5	4.5	7	0.9	0.4	0.5	1.5
BSS138-Q	50	±20	0.22	3500	6000	-	-	-	17	9	4	7.8	1.6	0.4	0.5	2
UTT15N05	50	±20	15	55	65	-	-	-	574	67	57	17	3.6	3.1	1	3
UTT30N05	50	±20	30	40	-	-	-	-	1000	155	95	70	34	10	2	4
UTT36N05	50	±15	36	-	-	-	-	-	1000	133	90	76	11	11	1	2.5
UTT50N05	50	±20	50	23	-	-	-	-	900	430	80	30	9.6	10	2	4
UTT60N05	50	±20	60	18	-	-	-	-	2000	400	115	39	12	10	2	4
UTT80N05	50	±20	80	7	-	-	-	-	3565	1310	395	207	17.2	52	2	4

POWERMOSFET List > Trench Power MOSFET(N-CH)

N-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON)M AX.(mΩ)at VGS=10V (Range)	RDS(ON)M AX.(mΩ)at VGS=4.5V (Range)	RDS(O N)MAX. (mΩ)at VGS=2.5V (Range)	RDS(O N)MAX. (mΩ)at VGS=1.8V (Range)	RDS(O N)MAX. (mΩ)at VGS=1.5V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)
UTT100N05	50	±20	100	7(TYP)	10(TYP)	-	-	-	12900	1060	700	500	50	33	1	3
UT224N	55	±20	17	38	55				1020	213	152	25	4.5	5	1.5	3.5
UT244	55	±20	50	14	19				2315	181	144	56	8.4	13.8	1	3
UT60N055	55	±20	60	11	15				2350	235	195	78	10	26	1	3
UTT3205	55	±20	110	8	-	-	-	-	3247	781	211				1.4	3
02N06Z	60	±20	0.2	2400	-	-	-	-	15	8	4	2.2	0.6	0.3	1	2.5
2N7002	60	±20	0.3	3000	4000	-	-	-	20	11	4	-	-	-	1	2.5
2N7002T	60	±20	0.3	13500	-	-	-	-	20	11	4	-	-	-	1	2.5
2N7002W	60	±20	0.3	13500	-	-	-	-	20	11	4	-	-	-	1	2.5
2N7002Z	60	±20	0.3	4000	6000	-	-	-	22	9	4	-	-	-	1	2.5
2N7002ZT	60	±20	0.3	4000	6000	-	-	-	22	9	4	-	-	-	1	2.5
2N7002ZW	60	±20	0.3	4000	6000	-	-	-	22	9	4	-	-	-	1	2.5
2N7002K	60	±20	0.3	4000	6000	-	-	-	22	9	4	-	-	-	1	2.5
2N7002KW	60	±20	0.3	4000	6000	-	-	-	22	9	4	-	-	-	1	2.5
UT2N06	60	±20	2.2	235	280	-	-	-	112	21	14	7.1	1	1.6	1	2.5
UF3055-Q	60	±20	3	140	-	-	-	-	250	70	15	11.3	5.7	1.8	2	4
UT3N06	60	±20	3	90	120	-	-	-	460	42	28	17	2.8	3	1	3
UT3N06-L	60	±20	3	110	150	-	-	-	170	30	20	12	2	1.8	0.5	1.5
UTT3N06	60	±20	3	80	100	-	-	-	500	65	55	62	5	5	1	3
UT3N06-Q	60	±20	3	110	150				228	28	21	13	3	2.1	1	3
UT4N06	60	±20	4	75	105	-	-	-	238	40	30	12	2	2.5	1	2.5
UT3458	60	±20	4.1	100	128	-	-	-	630	52	42	24	7	3.5	1	3
UT5N06	60	±30	5	65	90	-	-	-	650	50	32	15	3	2.5	1	3
UT9971P	60	±25	5	63	86	-	-	-	620	48	36	16	2.5	2.4	1	3
UT9971	60	±20	5	63	86	-	-	-	620	48	36	16	2.5	2.4	1	3
UTT4850	60	±20	6	25	31	-	-	-	2500	185	150	70	8	13	1	2.5
UTM6006	60	±20	6.3	18	20	-	-	-	1070	200	190	290	10.7	30	1.2	2.5

POWERMOSFET List > Trench Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON)M AX.(mΩ)at VGS=10V (Range)	RDS(ON)M AX.(mΩ)at VGS=4.5V (Range)	RDS(ON)M AX.(mΩ)at VGS=2.5V (Range)	RDS(ON)M MAX.(mΩ) atVGS=1.8V (Range)	RDS(ON)M MAX.(mΩ)a tVGS=1.5V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)
UTM6016	60	±20	12	12	15	-	-	-	2000	209	170	57	6	14	1	2.5
UT15N06	60	±20	15	28	40	-	-	-	770	84	70	21.6	3.4	5.4	0.8	2.5
UTT15N06	60	±20	15	28	40	-	-	-	770	84	70	21.6	3.4	5.4	0.8	2.5
UTT20N06	60	±20	20	50	65	-	-	-	676	70	51	22	5	4.5	1	3
UT24N06	60	±20	24	40	50	-	-	-	800	72	58	24	4.5	6	1	3
UTT24N06	60	±20	24	40	-	-	-	-	1080	130	85	115	6	8	1	3
UF234V	60	±20	28	42	-	-	-	-	810	260	18	86	6	5	1	3
UTT30N06	60	±20	30	22	30	-	-	-	1230	125	92	40	6	11	1	3
UT30N06	60	±20	30	25	35	-	-	-	1020	118	101	29	1.2	5.4	1	3
UT30N06H	60	±20	30	16					1380	145	120	41	9	13	2	4
UTN6266	60	±20	30	15	19	-	-	-	2800	190	140	62	8	10	1.5	2.5
UTN6266-L	60	±20	30	15	19	-	-	-	390	190	170	6	0.5	0.5	1	2.5
UT32N06	60	±20	32	18	22	-	-	-	1320	155	135	40	2.5	8	1	3
UNA06R180M	60	±20	35	18	-	-	-	-	1840	185	80	27.5	10	6.5	1	3
UT35N06	60	±20	35	15	23	-	-	-	1620	180	120	36	4.5	7	1	3
UT40N06	60	±20	40	17	30	-	-	-	1950	180	140	22	6	10	1	3
UTT48N06	60	±20	48	20	30	-	-	-	2202	163	132	84	9	11	1	3
UTT50N06	60	±20	50	15	20	-	-	-	2315	181	144	56	8.4	16	1	3
UTT50N06M	60	±20	50	12	15	-	-	-	2700	220	160	62	10	15	1	3
UTT50N06H	60	±20	50	12	-	-	-	-	2350	235	165	58	15	19	2	4
UT60N06	60	±20	60	11	14	-	-	-	3500	410	340	98	6	21	1	3
UTT60N06	60	±20	60	18	-	-	-	-	2000	400	115	39	12	10	2	4
UNA06R165M	60	±20	60	16.5	-	-	-	-	1430	420	88	37.5	8.3	9.5	1	3
UTT70N06	60	±20	70	12	-	-	-	-	3650	330	286	90	16	25	2	4
UT70N06	60	±20	70	8	14	-	-	-	3150	300	265	82	13	28	1	3
UTT75N06	60	±20	75	10	-	-	-	-	3800	330	250	82	12	20	2	4
80N06	60	±20	80	8.5	-	-	-	-	3500	370	295	308	12	45	2	4
UTT80N06	60	±20	80	7	9	-	-	-	5400	410	340	130	19	36	1	3
UTT80N06H	60	±20	80	6.5					4000	400	320	103	19	41	2	4
UTT130N06M	60	±20	120	5.9	7.2	-	-	-	4950	470	345	130	22	37	1	3
UTT130N06H	60	±20	130	6.5					5830	425	280	115	25	28	2	4

POWERMOSFET List > Trench Power MOSFET(N-CH)

N-CH (沟道方式)	V _{DS} (V) (Range)	V _{GS} (±V) (沟道方式)	I _D (A) (Range)	R _{DS(ON)} M AX.(mΩ)at V _{GS} =10V (Range)	R _{DS(ON)} M AX.(mΩ)at V _{GS} =4.5V (Range)	R _{DS(ON)} M AX.(mΩ)at V _{GS} =2.5V (Range)	R _{DS(ON)} M AX.(mΩ) atV _G S=1.8V (Range)	R _{DS(ON)} M AX.(mΩ)a tV _G S=1.5V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Q _g TYP. (nC)	Q _{gs} TYP. (nC)	Q _{gd} TYP. (nC)	V _{GS(th)} (V) MIN. (Range)	V _{GS(th)} (V) MAX. (Range)
UK4145	60	±20	84	10	-	-	-	-	3900	625	475	82	12	21	2	4
UT90N06	60	±20	90	6.5	11	-	-	-	3900	350	300	90	8	7	1	3
UTT100N06	60	±20	100	7	-	-	-	-	12900	1060	700	500	50	33	1	3
UNA06R032H	60	±20	120	3.2	-	-	-	-	1571	693	308	612	60	78	2.5	4.5
UF150N06M	60	±20	150	6	9	-	-	-	7200	2100	540	174	34	54	1	3
UTT150N06H	60	±20	150	3.8	-	-	-	-	6190	1040	300	440	60	60	2	4
UT150N06H	60	±20	150	5.6	-	-	-	-	6026	578	403	127	31	42	2	4
UTT100N07	65	+20/-12	100	2.8	5.4	-	-	-	4780	1365	51	59	10.4	19.6	1	2.5
UF5N07	70	±20	5	200	-	-	-	-	250	55	10	11.3	5.8	1.7	2	4
UT30N07	70	±20	30	19	23	-	-	-	1263	143	109.7	39.6	4.8	11.2	1	3
UTT75N07	70	±20	75	10	-	-	-	-	3700	290	245	430	20	34	1	3
80N07	70	±20	80	15	-	-	-	-	5480	405	313	390	64	90	2	4
UTT80N07	70	±20	80	11	-	-	-	-	5930	410	290	96	22	11	2	4
UTT75N75M	75	±20	75	9	12	-	-	-	4300	310	265	134	20	43	1	3
UTT75N75	75	±20	75	10	20	-	-	-	3520	370	308	94	16	28	1	3
UTT80N75	75	±25	80	14	-	-	-	-	4220	426	245	250	17	28	2	4
UTT100N75H	75	±20	100	9	-	-	-	-	4200	365	305	115	19	49	2	4
UT3N08	80	±20	3	300	350	-	-	-	152.8	16.5	10.8	10.1	2.5	1.7	1	3
UF5N08	80	±20	5	210	-	-	-	-	255	50	9	11.3	5.8	1.8	2	4
UT7852	80	±20	12.5	16.5	-	-	-	-				34	7.5	11	2	-
UT14NP08	80	±20	14	70	75	-	-	-	1050	85	61	27	3.6	5.4	1	3
UTT25N08	80	±25	25	120	-	-	-	-	600	165	32	19	3.9	9	2	4
UTT30N08	80	±20	30	40	50	-	-	-	1810	160	140	61	12	16	1	3
UTT38N08	80	±20	38	35	60	-	-	-	2100	138	103	760	8	8	1	3
UTT40N08	80	±20	40	45	-	-	-	-	2800	320	140	200	19	14	2	4
UT60N08M	80	±20	60	12	15	-	-	-	2246	225.3	187.1	76.9	6.5	32.3	1	3
UTT75N08M	80	±20	75	11	13	-	-	-	5030	350	162	75	14	10	1	3
UTT80N08	80	±20	80	14	-	-	-	-	4000	330	270	110	22	33	2	4
UF7493	80	±20	80	14	-	-	-	-	4000	330	270	110	22	33	2	4
UTT100N08M	80	±20	100	12	14	-	-	-	5503	356	172	81	23	8	1	3
UT120N08	80	±20	120	9	11	-	-	-	3720	320	280	60	13	32	1	3
UTT60N09M	90	±20	60	18.7	21	-	-	-	2070	166	143	68	13.4	18.6	1	3
UTT80N09M	90	±20	80	13.5	15.5	-	-	-	3080	241.2	219.6	95.6	23	15.6	1	3
UT41N09	90	±20	82	15	-	-	-	-	4624	317.6	259.9	118.6	39.2	38	1	3
UT90N09	90	±20	90	11.5	12.8	-	-	-	3753	335	300	111	24.4	17.2	1	3

POWERMOSFET List > Trench Power MOSFET(N-CH)

N-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON)M AX.(mΩ)at VGS=10V (Range)	RDS(ON)M AX.(mΩ)at VGS=4.5V (Range)	RDS(ON)M AX.(mΩ)at VGS=2.5V (Range)	RDS(ON)M AX.(mΩ)at VGS=1.8V (Range)	RDS(ON)M AX.(mΩ)at VGS=1.5V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)
UT05N10	100	±20	0.5	680	750				112	15	2	10	1.2	2.6	1	3
UT1N10	100	±20	1	500	550				150	18	12	10	2	1.6	1	3
UTT105N10	100	±20	1.5	280	300	-	-	-	250	22	16	12	1.8	2	1	2.5
UT2N10	100	±10	2	320	380	-	-	-	280	155	15	13	3.5	2	1	3
UTT2N10-H	100	±16	2	220	235	-	-	-	310	25	20	10	2	1	1	2.5
UF3N10	100	±20	3	330	-	-	-	-	255	43	7	11.2	5.7	1.8	2	4
UT3N10	100	±20	3	165	180	-	-	-	510	36	26	18.2	3	4.1	1	3
UTT4N10	100	±16	4	150		-	-	-	530	30	20	19	4	3.5	1	3
UT4N10	100	±20	4	140	160				590	42	32	16	2.6	2	1	3
UT5N10	100	±20	5	130	180	-	-	-	505	38	27	19	3.2	3.4	1	3
UTT6N10	100	±20	6	175	200	-	-	-	700	42	10	23	4.5	5	1	3
UTT6N10Z	100	±20	6	108	153	-	-	-	720	85	33	28	3.9	5.3	1	3
UT7N10	100	±20	7	115	135	-	-	-	370	48	36	13.6	2.2	4.3	1	3
UT10N10	100	±20	10	96	110	-	-	-	729	48	37	23	4	6	1	3
UT15N10	100	±20	15	72	84	-	-	-	1310	72	54	38	6	9	1	3
UT15N10H	100	±20	15	125					310	37	28	15	7	4	2	4
UTT15N10M-Q	100	±20	15	175	203	-	-	-	780	47	36	25.8	6.4	5.6	1	2.2
UTT15N10	100	±20	15	125	150	-	-	-	920	55	46	20	3	5	1	3
UT17N10	100	±20	17	105					700	42	32	24	4	5	1	3
UT25N10	100	±20	25	60	75	-	-	-	1750	120	90	44	5	9	1	3
UTT28N10	100	±20	28	60	80	-	-	-	2250	115	90	92	9.5	13	1	3
UTT30N10	100	±20	30	52	72	-	-	-	2471	154	137	79	19	15	1	3
UT32N10	100	±20	32	18	25	-	-	-	5000	260	235	130	22	33	1	3
UTT36N10	100	±20	36	44	48	-	-	-	2650	145	100	68	9	12	1	3
UTT36N10H	100	±20	36	44	-	-	-	-	2860	144	125	64	10	16.5	2	4
USG40N10	100	±20	48	16	28				1212	525	58	32	10	7	1	2.5
UNA10R180H	100	±20	56	18	-	-	-	-	2930	290	180	69	15	25	2	4
UTT60N10	100	±20	60	24	-	-	-	-	5780	310	190	110	20	34	2	4

POWERMOSFET List > Trench Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON)M AX.(mΩ)at VGS=10V (Range)	RDS(ON)M AX.(mΩ)at VGS=4.5V (Range)	RDS(O N)MAX. (mΩ)at VGS=2.5V (Range)	RDS(O N)MAX. (mΩ) atVGS=1.5V (Range)	RDS(O N)MAX. (mΩ)a tVGS=1.5V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)
UTT60N10M	100	±20	60	18	25	-	-	-	5500	250	160	100	12	18	1	3
USG60N10	100	±20	60	10.5	15				2048	944	95	44	9	12	1	3
UT75N10H	100	±20	75	14					4400	286	240	115	21	42	2	4
UTT80N10	100	±20	80	18	-	-	-	-	4152	485	220	350	23	16	1	3
UTT80N10H	100	±20	80	14	-	-	-	-	2750	285	230	80	20	32	2	4
USG80N10	100	±20	80	8	12				2690	1150	120	56	7	15	1	2.5
USG135N10	100	±20	135	5	7.2				5060	2260	220	100	14	30	1	3
USG135N10H	100	±20	135	5.5					4245	2171	186	95	24	33	2	4
USG170N10	100	±20	170	3.5					5500	3300	270	117	24	38	2	4
UT5N12	120	±20	5	140	150				578	42	30	23	2.8	3.8	1	3
UT48N12	120	±20	48	24	32				4840	270	215	113	17	30	1	3
USG50N12	120	±20	50	16	19				1920	680	120	45	7	15	1	3
UTT4N15-F	150	±25	4	65	-	-	-	-	1790	160	82	30	8.7	8	2	4
UT5N15	150	±20	5	320	-	-	-	-	380	40	22	16.2	4.2	4.4	2	4
UTTSN15	150	±20	5	300					558.1	44.8	25.4	19.7	5.1	4.4	2	4
UTT16N15	150	±20	16	150	170	-	-	-	900	63	40	22	3	4.5	1	3
UTT20N15	150	±20	20	145	-	-	-	-	2260	93	74	69	11	12	2	4
UT30N15H	150	±20	30	42					3200	240	210	98	22	42	2	4
UF4615	150	±20	30	42					3200	240	210	98	22	42	2	4
UTT50N15M	150	±20	50	46	75				3100	215	187	97	26	25	1	3
UT70N15	150	±20	70	26					5450	430	264	130	56	64	4	6
UFB4321	150	±20	80	17					8310	510	360	185	33	70	2	4
UT2N20	200	±20	2	625					404.8	32.1	17.2	16.1	4.3	3.5	2	4
UK4N20	200	±20	4	1050	-	-	-	-	206	40	6.6	7.6	2.4	0.6	1	3
UTTSN20	200	±20	5	700	-	-	-	-	450	35	14	30	3.4	3	2	4
UTT9N20	200	±20	9	330	-	-	-	-	810	57	35	21	4.3	5	2	4
UT15N20	200	±20	15	165	175	-	-	-	1680	97	60	40	5	10	1	3
UF15N20	200	±20	15	120	-	-	-	-	2684	243	21	66.8	18.6	15.4	1	3
UTT65N20	200	±20	65	32	-	-	-	-	8375	408.6	269.4	173.3	67	43.6	2	4
UTT2N25	250	±20	2	1000	-	-	-	-	580	42	30	15.5	5.4	3.2	2	4
UT40N25	250	±20	40	70	-	-	-	-	5410	288	156	115	48	43	4	6
UT50N25	250	±30	50	58	-	-	-	-	7530	390	235	160	56	64	3	5

Package (勾选方式)
SOT-23-3 SOT-523
SOT-523 SOT-323 SOT-23-3 SOT-723 DFN1010-4 DFN1010-6 DFN1616-6 DFN1820-6
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SOT-23 SOT-23-3 SOT-89 DFN1820-6 DFN2030-6
SOT-23 SOT-23-3
SOT-23 SOT-23-3
SOT-23 SOT-23-3 DFN1820-6 DFN2030-6 DFN2020-8 PDFN3x3 PDFN5x6 SOT-223
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SOP-8
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SOP-8 PDFN3x3 PDFN5x6
SOP-8 DFN2020-6B
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TO-252 PDFN5x6
SOP-8 PDFN5x6
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SOP-8 PDFN5x6
SOP-8 PDFN3x3 PDFN5x6
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SOP-8
SOP-8 PDFN3X3
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SOP-8 TO-252 PDFN5x6 PDFN3x3 DFN2020-6B
SOP-8
TO-252 PDFN3x3 PDFN5x6

Package (勾选方式)
PDFN3×3
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PDFN3×3 PDFN5×6
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Package (勾选方式)
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Package (勾选方式)
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TO-252
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SOT-23 SOT-23-3 SOT-89 SOT-223
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SOT-223 SOP-8
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SOP-8 PDFN5x6
SOP-8 PDFN5x6

Package (勾通方式)
SOP-8 TO-252 TO-220 PDFN5×6 PDFN3×3
TO-263 PDFN5×6 SOP-8 TO-252 TO-220
TO-263 PDFN5×6 SOP-8 TO-251 TO-252 TO-263 TO-220 SOP-8 PDFN5×6
SOP-8 TO-252 SOT-223
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TO-251 TO-252 TO-252D TO-220 TO-263 PDFN5×6 SOP-8 SOP-8 TO-252 PDFN5×6 PDFN3×3 TO-263 TO-220
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PDFN5×6
SOP-8 PDFN5×6
TO-220
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PDFN3×3
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TO-252 PDFN5×6
SOP-8 TO-263 PDFN5×6 TO-220 TO-247
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TO-220 TO-263 TO-247 TO-252D TO-252 PDFN5×6 SOP-8
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TO-251 TO-252 TO-220 TO-220F1 TO-220F2 TO-3P PDFN5×6 SOP-8 TO-263
TO-220 TO-252

Package (勾選方式)
TO-220 TO-263 PDFN5×6
PDFN5X6 TO-220
TO-220 TO-220F2
TO-220 TO-220F2
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TO-220 TO-263
PDFN5×6
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SOP-8 PDFN5×6
TO-252-4
TO-252 PDFN5×6
TO-252 PDFN5×6
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TO-220
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TO-220 TO-220F1 TO-220F2 TO-220F3 TO-263 TO-252 PDFN5X6
SOP-8
TO-251 TO-252 TO-220F SOP-8 PDFN5×6 TO-220 TO-220E1
TO-220 TO-252 PDFN5X6
SOP-8 PDFN5×6
SOP-8 PDFN5×6
TO-251 TO-252
TO-220 PDFN5X6

Package (勾通方式)
SOT-23-3
SOT-23 SOT-23-3 TO-252
SOT-23 SOT-23-3 DFN1820-6 DFN2030-6 DFN2020-8 PDFN3x3 PDFN5x6 TO-252
TO-92 TO-92NL SOT-223 SOT-23 SOT-23S SOT-23-3 SOT-223 DFN1820-6 DFN2030-6 DFN2020-8 PDFN3x3 PDFN5x6 TO-252
SOT-89 SOT-23 SOT-26 PDFN3x3 SOT-223 TO-252 TO-92 SOT-89 PDFN3x3 PDFN5x6 SOT-223 TO-252 DFN1820-6 DFN2030-6
SOT-23 TO-252
SOT-89 SOT-23 SOT-223 SOT-26 PDFN3x3 TO-252
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SOT-223 TO-252
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SOP-8 PDFN5x6 TO-252
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TO-220 TO-220F TO-251 SOP-8 TO-252 TO-263 PDFN5x6 TO-220
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TO-220 TO-251 TO-252
TO-220 TO-252 PDFN5x6 PDFN3x3 TO-252 PDFN5x6 TO-220F TO-220F2 TO-220F1 TO-252D
TO-220 TO-220F1 TO-252 TO-3P TO-263 TO-262 SOP-8 PDFN5x6

Package (勾选方式)
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SOP-8 TO-263 TO-252 PDFN5x6
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TO-220
TO-220 TO-220F PDFN5x6 TO-220F2 TO-252 TO-220F1 TO-263 TO-247 TO-220
TO-220F TO-220F1 TO-220F2 TO-252 PDFN5x6 SOP-8 TO-220
TO-263 TO-220F1 PDFN5x6 TO-252 TO-262 TO-220
TO-263 TO-220F1 TO-252 PDFN5x6
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SOP-8
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TO-220 PDFN5x6 SOP-8
SOP-8
SOP-8 SOT-26 SOT-223 PDFN3x3
SOT-26 TO-252
SOT-223 PDFN3x3
TO-220 TO-220F TO-252
TO-220 TO-252 SOP-8 PDFN5x6 TO-220
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TO-220 TO-263 TO-220F1 TO-220F2
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TO-220
TO-220 TO-220F TO-263 TO-247 TO-3P

POWERMOSFET List > Trench Power MOSFET(P-CH)

P-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (Range)	ID (A) (Range)	RDS(ON) MAX. (mΩ)	RDS(ON) MAX. (mΩ)	RDS(ON) MAX. (mΩ)	RDS(ON) MAX. (mΩ)	RDS(ON) MAX. (mΩ)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN	VGS(th) (V) MAX
UTC606P-H	-12	±8	-6	-	26	35	53	-	1699	679	423	18	3	4.2	-0.4	-1.5
UT1333	-20	±12	-0.55	600	800	1000	-	-	110	20	14	4.8	1.4	0.7	-0.4	-1.2
UT6302	-20	±12	-0.78	-	600	-	-	-	85	25	18	4	0.5	1	-0.7	-1.5
UT4101	-20	±8	-2.4	-	85	120	210	-	520	125	106	8.6	1.26	2.2	-0.4	-1.5
UDN302	-20	±12	-2.4	-	55	80	-	-	882	211	112	9	2	3	-0.6	-1.5
UT2327	-20	±12	-2.6	-	-	-	-	-	295	170	65	5.2	1.36	0.6	-0.5	-
UT2301Z	-20	±8	-2.8	-	130	190	-	-	447	127	80	5.4	0.8	1.1	-0.45	-
UT2301	-20	±8	-2.8	-	130	190	-	-	255	66	56	12	1	2	-0.45	-
UT2301A	-20	±8	-2.8	-	145	184	-	-	448	79	70	17	1.1	1.6	-0.45	-
UT3413	-20	±8	-3	-	97	130	190	-	616	127	99.4	8.6	1.4	2.3	-0.3	-1
UT2315*	-20	±10	-3.3	-	103	140	200	-	370	82	68	8	1.2	1.5	-0.3	-1
UT2315-H	-20	±10	-3.3	-	85	120	170	-	350	665	50	4.8	0.5	1.9	-0.3	-1
UT3419	-20	±12	-3.5	75	95	145	-	-	585	130	110	8.5	2	2	-0.7	-1.4
UT3419A	-20	±12	-3.5	75	95	145	-	-	512	125	105	7.6	1.13	1.7	-0.5	-1.2
UT2035Z	-20	±8	-3.6	-	42	65	82	-	1610	157	145	15.4	2.5	3.3	-0.4	-1
UT2321	-20	±12	-3.8	-	55	80	-	-	1500	270	185	14.8	2.8	4.4	-0.4	-1
UT3415	-20	±8	-4	-	45	62	84	105	1000	200	170	30	1.5	4	-0.3	-0.9
UT2311	-20	±8	-4	-	55	85	-	-	970	485	160	8.5	1.5	2.1	-0.45	-
UT2305-H	-20	±12	-4.2	-	75	95	120	-	675	147	128	12.8	2	4	-0.4	-0.9
UT2340	-20	±8	-4.2	-	70	110	210	-	932	100	87	12.5	2.5	1.8	-0.5	-1.2
UT2305	-20	±12	-4.2	53	65	100	250	-	550	108	87	10	2	3	-0.5	-1.2
UT2305-LV	-20	±8	-4.2	-	65	90	125	-	932	100	87	12.5	2.5	1.8	-0.45	-1.2
UT3443	-20	±12	-4.5	-	65	100	-	-	966.5	204.2	181.9	15	2.5	4	-0.4	-1.2
UT2311-F	-20	±8	-4.7	-	55	85	100	-	850	70	55	9.6	1.6	2	-0.3	-0.8
UT6P02	-20	±8	-6	-	33	50	-	-	1450	350	305	18	3	5.2	-0.3	-1
UT8P02	-20	±10	-8	48	58	83	150	-	625	122	109	20	2	3	-0.3	-1.2
UT9P02	-20	±8	-9	-	23	32	45	-	1500	290	250	20	2.4	7	-0.3	-1
UT3310	-20	±12	-10	-	150	250	-	-	300	180	60	6	1.5	0.6	-0.5	-
UT10P02	-20	±10	-10	32	40	56	75	-	915.3	162.9	142.3	30	2.4	5	-0.3	-1.2
UT114P02	-20	±12	-14	-	8.5	12	17	-	4060	520	400	44.4	7.2	10.2	-0.3	-1
UT35P02	-20	±12	-35	-	16	25	-	-	3849	580	545	75	9	10	-0.5	-2.5
UP2003	-25	±20	-9	20	35	-	-	-	1610	410	200	17	5	6	-1	-3
UT3P01Z	-30	±10	-0.1	-	-	15400	-	54000	7.5	5.7	1.8	1.43	0.18	0.25	-0.4	-1.4
UTR4502	-30	±20	-1.13	200	350	-	-	-	175	43	34	6.2	1.5	0.8	-1	-3
UT7401	-30	±12	-1.2	150	200	280	-	-	409	55	42	5.06	0.72	1.58	-0.6	-1.4
UT2352	-30	±25	-1.3	180	300	-	-	-	150	40	20	1.4	0.5	0.5	-0.8	-2.5
UT3403	-30	±12	-2.6	130	180	260	-	-	409	55	42	4.4	0.8	1.32	-0.6	-1.4
UT3409	-30	±20	-2.6	130	200	-	-	-	240	58	48	8	1.5	1.4	-1	-3
UT3P03	-30	±20	-3	100	150	-	-	-	371	74	56	12.2	2.2	2	-1	-2.5
UT3P03Z	-30	±20	-3	100	140	-	-	-	380	84	55	12	3.1	2.2	-1	-2.5
UT2309	-30	±20	-3.7	75	120	-	-	-	450	91	73	5.2	2	3	-1	-3
UT2309A	-30	±20	-3.7	75	120	-	-	-	705	85	75	56.5	2.8	5.8	-1	-3
UT2309-H	-30	±20	-3.7	75	120	-	-	-	425	53	45	24	4	5	-1.2	-2.5
UTC654	-30	±20	-3.6	75	125	-	-	-	655	124	104	14.4	3.4	2.4	-1	-3
UT06P03	-30	±20	-4	45	75	-	-	-	530	135	70	10	2.2	2	-0.9	-3
UT2343	-30	±20	-4	42	63	-	-	-	-	-	-	24	4	5.4	-1	-2.5

POWERMOSFET List > Trench Power MOSFET(P-CH)

P-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (允差)	ID (A) (Range)	RDS(O N)MAX. (mΩ)	RDS(O N)MAX. (mΩ)	RDS(O N)MAX. (mΩ)	RDS(O N)MAX. (mΩ)	RDS(O N)MAX. (mΩ)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN	VGS(th) (V) MAX
UT3401	-30	+12	-4.2	50	65	120	-	-	925	125	110	14.2	3.5	3	-0.7	-1.3
UT3401Z	-30	+12	-4.2	50	65	120	-	-	860	130	70	13	3.4	3	-0.4	-1.3
UT9435	-30	+20	-5.3	50	90	-	-	-	860	128	100	22	3.5	5	-1	-3
UT6401	-30	+12	-5	46	57	97	-	-	837	120	105	12	2	3.5	-0.7	-1.3
UT9435HZ	-30	+20	-5.3	55	135	-	-	-	600	95	85	50	5	5	-1	-3
UT8P03M	-30	+20	-8	45	70	-	-	-	840	160	140	24	2.8	5.2	-1	-3
UT8P03V	-30	+12	-8	40	45	65	-	-	1063	141.5	126.1	35	2.6	6.4	-0.5	-1.5
UT4411	-30	+20	-8	32	55	-	-	-	1200	170	122	18.4	2.7	4.9	-1.2	-2.4
UTT4815-H	-30	+20	-8	20	32	-	-	-	1250	160	90	6	2.1	1.8	-1	-2.5
UTT4815	-30	+25	-8	20	-	-	-	-	2330	480	320	41	10	12	-1	-3
UT4435	-30	+25	-8.8	20	35	-	-	-	1750	305	250	38	5	9	-1	-3
UT3008-H	-30	+20	-11.7	17	25	-	-	-	2560	356	305	76.4	4.8	3.6	-1.1	-2.1
UTT6675	-30	+20	-11	15	23	-	-	-	1620	300	200	18.4	5.4	7	-1	-3
UT4407	-30	+20	-13	12	19	-	-	-	2970	588	399	54.8	7.4	13.6	-1	-2.5
UTT4425	-30	+25	-14	11	-	-	-	-	3800	560	350	63	14.1	16.1	-2	-3.5
UT4413	-30	+25	-15	14	-	-	-	-	3927	618	481	65	15	18	-2	-4
UTD405	-30	+20	-18	32	60	-	-	-	920	190	122	18.7	2.54	5.4	-1.2	-2.4
UT25P03	-30	+20	-25	52	90	-	-	-	600	220	87	20	3.5	5	-1	-3
UT30P03	-30	+20	-30	40	60	-	-	-	756	120	80	28	3.5	3.2	-1	-3
UTT36P03	-30	+20	-36	38	58	-	-	-	760	135	115	22	3.5	5	-1	-3
UT45P03	-30	+20	-45	14	21	-	-	-	2298	370	333	54	7	19	-1	-3
UTT60P03	-30	+20	-60	13	-	-	-	-	3000	1500	525	100	-	-	-2	-4
UT70P03	-30	+20	-70	7	11	-	-	-	5000	800	680	100	13	28	-1	-3
UTT75P03	-30	+20	-75	7	10	-	-	-	9000	1565	715	160	32	30	-1	-3
UTT100P03	-30	+5/-16	-100	4.3	7.6	-	-	-	9500	1320	920	180	28	35	-1	-2.1
UT6637	-35	+20	-55	12	18	-	-	-	3630	540	355	60	9	10	-1	-3
UT4P04M	-40	+20	-4	110	150	-	-	-	380	50	40	12	1.7	2	-1	-3
UT2319	-40	+20	-4.4	75	100	-	-	-	600	105	65	15	3.1	2.9	-1	-3
UT5P04M	-40	+20	-5	82	110	-	-	-	480	65	52	18	3	3.5	-1	-3
UT9564	-40	+25	-7.3	28	40	-	-	-	3000	320	220	32	14	9	-1	-3
UT5504	-40	+20	-8	55	94	-	-	-	860	160	140	25	5.8	4.8	-1	-2.5
UTD413	-40	+20	-12	45	69	-	-	-	780	110	88	21.8	4.2	3.8	-1	-3
UTT13P04-H	-40	+20	-13	12	17	-	-	-	2900	330	220	58	14	12	-1	-3
UT15P04	-40	+20	-15	64	100	-	-	-	679	77.2	67.5	18	2.5	3.7	-1	-3
UTT20P04	-40	+20	-20	42	55	-	-	-	1190	185	95	17	5.5	3	-1	-3
UT30P04	-40	+20	-30	36	52	-	-	-	1107	158	134.9	30	3.5	10.9	-1	-3
UTT30P04	-40	+20	-30	37	52	-	-	-	1107	158	135	30	3.4	10.4	-1	-3
UTT40P04	-40	+20	-40	20	30	-	-	-	2400	270	240	55	8	14	-1	-3
UTT50P04	-40	+20	-50	15	25	-	-	-	2930	385	291	57.8	8	16	-1	-3
UTT65P04	-40	+20	-65	15	23	-	-	-	5400	640	300	85	25	15	-1	-3
UT100P04	-40	+20	-100	9	13	-	-	-	5500	700	580	100	16	27	-1	-3
BSS84ZW	-50	+20	-0.13	-	10000	-	-	-	25.9	10.3	4.6	5.7	1.4	1	-0.8	-2.5
BSS84ZT	-50	+20	-0.13	-	10000	-	-	-	73	10	5	0.9	0.2	0.3	-0.8	-2
BSS84Z	-50	+20	-0.13	-	10000	-	-	-	25	10	4.8	6	1.2	0.3	-0.8	-2.5
UT20P05	-50	+20	-20	33	49	-	-	-	1550	143	129	36.6	11	5.8	-1	-3
UT9224	-55	+20	-17	58	90	-	-	-	1370	125	80	30	7	6	-1	-3

POWERMOSFET List > Trench Power MOSFET(P-CH)

P-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (允差)	ID (A) (Range)	RDS(ON) MAX. (mΩ)	RDS(ON) MAX. (mΩ)	RDS(ON) MAX. (mΩ)	RDS(ON) MAX. (mΩ)	RDS(ON) MAX. (mΩ)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN	VGS(th) (V) MAX
UT02P06	-60	±20	-0.2	4000	6000				28	7	4	7	1	0.6	-1	-3
UT03P06	-60	±20	-0.3	4500	6500				23.3	8.7	3.3	6.1	1.8	0.9	-1	-3
UT2P06	-60	±20	-2	175	230	-	-	-	545	43	31	16	3.6	3	-1	-3
UT3P06	-60	±20	-3	160	200	-	-	-	540	50	38	13	2.3	3.3	-1	-3
UT3P06-Q	-60	±20	-3	160	210	-	-	-	420	45	30	14	3	2.5	-1	-3
UT6354	-60	±20	-4	105	145	-	-	-	800	60	45	20	3.3	5	-1	-2.5
UT6354-H	-60	±20	-5	100	135	-	-	-	800	75	58	20	5	4	-1.2	-2.6
UT4421	-60	±20	-6.2	48	63	-	-	-	1500	115	100	36	5	8	-1	-3
UTT7P06	-60	±20	-6.2	48	63	-	-	-	950	110	90	-	-	-	-1	-3
UT10P06	-60	±20	-10	130	160	-	-	-	677.9	57.1	47.9	20	3.6	4.2	-1	-3
UTT15P06	-60	±25	-15	75	120	-	-	-	1086	97	61.6	22	5	3	-1	-3
UTT18P06	-60	±20	-18.3	70	-	-	-	-	840	95	70	35	6	7	-1	-3
UTT25P06	-60	±15	-27.5	75	-	-	-	-	1650	140	125	155	26	18	-1.2	-2.4
UTT30P06	-60	±15	-30	50	65	-	-	-	1478	120	108	40	3.6	9.6	-1.1	-2
UT35P06	-60	±20	-35	30	40	-	-	-	2900	235	160	60	9	17	-1	-3
UTT50P06-H	-60	±20	-35	30	40	-	-	-	2595	162	115	43.8	4.6	8.3	-1	-2.5
UTT50P06	-60	±20	-50	15	20	-	-	-	5140	390	286	96	13	21	-1	-3
UT80P06	-60	±20	-80	14	18				8200	560	430	146	30	32	-1	-3
UTT120P06	-60	±20	-120	9	-	-	-	-	12000	790	650	120	30	70	-2	-4
UTT12P10	-100	±20	-12	200	-	-	-	-	1250	70	60	31	5	8	-1	-3
UT12P10	-100	±20	-12	200	220				1250	70	60	36	6.6	7.8	-1	-3
UTT15P10	-100	±25	-15	260	400	-	-	-	1200	64	56	85	4	8.8	-1	-3
UTT16P10	-100	±20	-16	210	-	-	-	-	1500	82	68	36	9.4	6.4	-1	-3
UTT18P10	-100	±20	-18	180	210	-	-	-	1592	83.5	69.1	34.2	7	5.6	-1	-3
UTT24P10-H	-100	±25	-24	95	110	-	-	-	2250	130	90	40.4	7.7	6.6	-1.2	-2.2
UTT25P10	-100	±20	-25	98	110	-	-	-	3450	159	135	70	14	10	-1	-3
UT25P10H	-100	±20	-25	150					1130	120	65	28	10	6	-2	-4
UTT50P10	-100	±20	-50	60	75	-	-	-	4760	225	170	70	17	15	-1	-3
UTT50P10-H	-100	±20	-50	43	48	-	-	-	7950	375	285	117	25	26	-1.2	-2.5
UTT70P10	-100	±20	-70	30	-	-	-	-	2250	700	275	-	-	-	-1	-3
15P12	-120	±20	-15	250	-	-	-	-	860	295	105	88	8.8	13.6	-2	-4
UF07P15	-150	±20	-0.7	3100	-	-	-	-	140	28	3	10	1.4	1.3	-2	-4
UTT2523	-150	±20	-1	1200					300	27	14.5	11	3	2	-2	-4
UT3437	-150	±20	-1.4	750	-	-	-	-	460	42	20	18	8	2.5	-2	-4
UTT7115	-150	±20	-8.9	265	-	-	-	-	1153	90	42	27	6.6	5.4	-2	-4
UT10P15	-150	±20	-10	350	400				1150	90	46	28	6	8	-1	-3
UT10P15H	-150	±20	-10	370					1050	90	38	24	9.8	6	-2	-4
UTT1P20	-200	±20	-1	1400					557	40	234	13.7	4.2	0.9	-2	-4
UT2P20	-200	±20	-2	3000					262	24	10	11	3	1.9	-1	-3

Package (勾通方式)
SOT-26
SOT-323
SOT-23-3 DFN1820-6
SOT-23-3 DFN1820-6
SOT-23-3 DFN1820-6 DFN2030-6
SOT-23-3 SOT-23
SOT-23 PDFN3x3 PDFN5x6
SOT-23 SOT-23-3 SOT-323
SOT-23-3
SOT-23 SOT-23-3
SOT-23-3 SOT-23
SOT-23-3
SOT-23-3 SOT-23-3 DFN1820-6 DFN2030-6
SOT-23 SOT-23-3
SOT-23 DFN1820-6 DFN2030-6
SOT-23 DFN1820-6 DFN2030-6
SOT-23 SOT-26 SOP-8
SOT-23 DFN2020-6B
SOT-23 DFN1820-6
SOT-23-3 DFN1820-6
SOT-23-3 SOT-26
SOT-23 SOT-23-3 SOT-26
SOT-23 SOT-23 DFN1820-6 DFN2030-6
SOT-23-3
SOT-26
SOT-23
SOT-26 DFN2020-6B
TO-252 PDFN3x3
SOT-89 SOT-23 PDFN3x3
SOP-8
SOP-8 PDFN3x3
TO-252 PDFN5x6
SOT-323 SOT-23-3
SOT-23-3 SOT-23-3 DFN1820-6 DFN2030-6
SOT-23-3 SOT-323 PDFN3x3
SOT-23-3 PDFN3x3
SOT-23-3 DFN1820-6 DFN2030-6
SOT-23 SOT-23-3 DFN1820-6
SOT-23-3 SOT-223
SOT-23 SOT-23-3
SOT-23-3 SOT-23-3 DFN1820-6
SOT-23
SOT-23 SOT-23-3 SOT-26 TO-252
SOT-23

Package (勾选方式)
SOT-23-3
TO-92
SOT-23 SOT-23-3 SOT-223
SOT-23 SOT-26 SOT-223
PDFN5X6 SOT-23 SOT-26 TO-252
SOT-23 SOT-223 SOT-26
SOT-26 SOT-223
SOP-8 PDFN5X6
SOP-8 PDFN5X6
SOP-8 TO-252
TO-252 TO-252 TO-220 TO-232F
TO-232F TO-251 TO-220 TO-232F
TO-232F TO-252 TO-220 TO-232F
TO-232F TO-252 TO-220 TO-232F
TO-232F SOP-8
TO-252
TO-220 TO-220F TO-252 TO-263
TO-263 TO-220 TO-220 TO-263
TO-220 TO-251 PDFN5X6 TO-251
TO-251 TO-251 TO-252
TO-252 TO-220 SOT-223
TO-252
TO-252 TO-220 PDFN5X6
TO-252 TO-220
TO-220 TO-220F TO-252 TO-263
TO-252
TO-220 TO-220F TO-220F1 TO-232F7 TO-220 TO-220F TO-220F1
TO-220
TO-252 TO-220
SOT-23
SOT-23 PDFN3X3
SOT-26
PDFN5X6
TO-252
TO-252
SOT-26
SOT-23

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ)atVGS=10V (Range)	RDS(ON) MAX.(m Ω)atVGS =4.5V (Range)	RDS(ON) MAX.(m Ω)atVGS =2.5V (Range)	RDS(ON) MAX.(m Ω)atVGS =1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
UF224N	55	±20	17	70	-	-	-	770	175	27	28	8	7	2	4	63	93
UF224N-Q	55	±20	17	72	-	-	-	640	142	20	14	5.5	1.2	2	4	41	44
UF224N-F	55	±20	17	43	-	-	-	710	210	40	26.5	6.3	6.8	1.5	3.5	44.6	71.2
UF3205-S	55	±20	110	9	-	-	-	3280	685	95	287	12	27	1	3	68	140
UF3205	55	±20	110	8	-	-	-	3247	781	211				2	4	69	143
12N062	60	±20	12	100	-	-	-	350	75	30	7.5	2.5	3	1	3		
15N06	60	±15	15	-	-	-	-	347	136	19	10	5	3	1	2.5	36	0.098
25N06	60	±20	25	65	-	-	-	700	320	90	26	8	9	2	4		
UF234	60	±20	28	42	-	-	-	680	220	80				2	4	63	130
30N06	60	±20	30	40	-	-	-	800	300	50	20	6	9	2	4		
30N06-Q	60	±20	30	40	-	-	-	900	250	85	20	6	9	2	4		
UF244	60	±20	50	28	-	-	-	1900	920	170				2	4	120	530
50N06-F	60	±20	50	23	-	-	-	900	430	80	60	9	20	2	4	54	81
50N06	60	±20	50	23	-	-	-	1200	580	180	145	10	36	2	4	90	260
60N06	60	±20	60	18	-	-	-	2000	400	115	30	12	10	2	4	60	3.4
70N06	60	±20	70	15	-	-	-	1800	800	130	60	12	27	2	4	95	250
UF1010E	60	±20	84	12	-	-	-	3210	690	140				2	4	73	220
75N75	75	±20	80	11	-	-	-	4000	750	86	84	20	22	2	4	100	650
BSS123	100	±20	0.17	6000	-	-	-	65	25	6.7	3.8	1.5	0.7	0.6	2		
BSS123Z	100	±20	0.17	6000	-	-	-	110	38	10	5	1.7	1	0.6	2		
UK2962	100	±20	1	700	-	-	-	510	110	8	11	2	1.1	1.3	2	49	90
6N10	100	±20	6.5	200	225			320	80	17	27	2.4	6.8	1	3	35	
7N10	100	±25	7	350	-	-	-	380	70	11	14.3	4.2	3.2	2	4	70	150
15N15-HC	150	±20	15	200				419.3	96.5	7.1	14.8	5.4	2.8	2	4	105.6	600
19N10	100	±25	15.6	100	-	-	-	600	165	32	19	6	6	2	4	78	200
25N10	100	±20	23	80	-	-	-	762	196	22	28.5	6	7.5	2	4	96	342
UF540-Q	100	±20	40	45				1790	340	10	47	11	13	2	4	80	220
UF540	100	±20	27	36	-	-	-	1620	280	48	42	8	15	2	4	300	
UF3710	100	±20	57	23	-	-	-	3130	410	72				2	4	140	670
UF8010	100	±20	80	15	-	-	-	3617	620	59	399	41	96	2	4	96	460
20N15-HC	150	±20	20	105				864.7	185.6	13.4	21.6	8.2	4.1	2	4	95	600
30N15-HC	150	±30	30	80				993.4	214.7	13.5	28.7	11.4	7.4	2	4	98.6	700

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ) atVGS=10V (Range)	RDS(ON) MAX.(mΩ) atVGS=4.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=2.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
30N15-ML	150	±30	30	70				2040	320	15	46	17	11	2	4	120	550
40N15-HC	150	±20	40	45				2820	500	33	66	23	20	2	4	140	1400
60N15	150	±20	60	30	-	-	-	3900	950	250	130	26	55	2	4		
UF4N20Z	200	±20	4	2000	-	-	-	194	18.3	8	5.8	2.1	1.1	2	4	106	400
UF4N20VZ	200	±12	4	1500	1800	-	-	240	40	7.2	14	2.4	1.7	1	3	150	495
7N20	200	±25	7	690	-	-	-	190	60	10	5.8	1.4	2.5	1	3	128	635
7N20Z	200	±25	7	690	-	-	-	190	60	10	5.8	1.4	2.5	2	4		
UF630-HC	200	±30	9	350	-	-	-	426	80	6	12	3.2	2	2	4	142	900
UF640-HC	200	±30	18	180	-	-	-	840	150	10	20	5	4	2	4	140	700
25N20-HC	200	±30	25	135	-	-	-	1015	171	9.3	35.2	10	8	2	4	214	1914
30N20	200	±30	30	75	-	-	-	2400	430	55	60	17	27	1.5	3.5		
30N20-HC	200	±30	30	60				3340	950	240	85	22	28	2	4	210	1700
UF50N20-HC	200	±30	50	50				3230	880	140				2	4		
UF3N25Z	250	±20	3	2000	-	-	-	197	36	6	9	4	1	2	4	113	500
5N25Z	250	±20	3.8	1200	-	-	-	250	40	6	14	4	2.7	2	4	95	300
5N25	250	±20	3.8	1200	-	-	-	250	40	6	14	1.2	2.4	2	4	95	300
5N25Z-Q	250	±20	5	2000	-	-	-	190	35	5	11	5	2	2	4	135	1300
UF634-HC	250	±30	8.1	450				450	72	5	10	3	1.8	2	4	115	1050
15N25	250	±30	15	320	-	-	-	700	125	18	25	8.6	7.6	2	4	190	2800
18N25-HC	250	±30	18	240				870	135	8.8	25	8.2	7	2	4	160	2000
22N25-HC	250	±30	22	180				1012	160.4	8.8	26.4	8.4	6.6	2	4	141.3	1400
UFP254	250	±20	23	140				2900	400	42	92	26	52	2	4	240	2000
33N25	250	±20	33	80	-	-	-	1250	190	45	18.5	6.5	4.6	2	4		
UFP264	250	±20	38	75	-	-	-	3900	950	250	130	26	55	2	4		
05N30	300	±30	0.5	5000	-	-	-	100	20	3.2	8.5	2.2	1.2	1	3	65	75
UF2N30Z	300	±20	2	2500	-	-	-	200	90	30	4	0.64	1.6	2	4		
UF3N30Z	300	±20	3	2000	-	-	-	200	90	30	4	0.64	1.6	2	4		
4N30	300	±20	4	2000	-	-	-				3.2	0.64	1.6	2	4		
10N30-HC	300	±30	10	700				436.9	66.8	4.6	13.3	4.8	1.6	2	4	158	1890
15N30-HC	300	±20	15	300				872.3	125.9	7.8	22.8	7.2	5.3	2	4	200	2800
18N30-HC	300	±30	18	250	-	-	-	1000	150	8.5	28	10	6	2	4	206	3300
02N35Z	350	±20	0.2	7500	8000			97.5	16	3.2	7.3	1.1	0.6	1	2.5		
2N40K-TA	400	±30	2	2500	-	-	-	218	37	5	11	4.3	1.35	2	4		

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ) atVGS=10V (Range)	RDS(ON) MAX.(mΩ) atVGS=4.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=2.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
UF730K-TC	400	±20	5.5	1100	-	-	-	250	83	7	44	3.4	3.4	2	4	220	1000
6N40-TC	400	±20	6	1100	-	-	-	500	70	7	12	3.5	3	2	4	180	2300
8N40-ML	400	±30	8	750	-	-	-	710	101	12	22.8	5.4	6.5	2	4	228	4000
11N40-ML	400	±30	11	550	-	-	-	940	125	9.5	23	5.4	5	2	4	410	7000
24N40-HC	400	±30	24	180	-	-	-	2800	345	28	70	20	22	2	4	390	11500
03N50-CB	500	±30	0.3	24000	-	-	-	36	10.5	2.2	8.5	2	0.8	2	4	130	92
05N50-SE	500	±30	0.5	13000	-	-	-	59.6	11.7	1.68	6.42	2	0.3	2	4	82	200
08N50-CB	500	±30	0.8	12000	-	-	-	80	15	2	6	3.2	0.35	2	4	146	265
1N50-SE2	500	±30	1	10000	-	-	-	80	11	1	8	2.5	1.2	2	4	115	600
1N50-LC1	500	±30	1	7500	-	-	-	126	20	2.3	9	4	1.12	2	4	180	400
2N50-LC1	500	±30	2	4200	-	-	-	225	30	2.8	6.7	2.7	0.9	2	4	210	700
2N50-SE3	500	±30	2	7500	-	-	-	121	19	3	8.7	3.4	1.4	2	4	138	514
3N50-LC1	500	±30	3	3100	-	-	-	261	34	3	7.3	2.9	1	2	4	260	1000
4N50-TC3	500	±30	4	2500	-	-	-	330	43	3	8.3	3	1	2	4	206	1450
4N50Z-TC3	500	±20	4	2500	-	-	-	380	33	0.7	12.6	4.8	1.3	2	4	216	2320
UF830-ML	500	±30	4	1500	-	-	-	560	62	5	14	4	2	2	4	180	2000
5N50Z-TC3	500	±20	5	1800	-	-	-	550	60	3.2	10.8	3.7	1	2	4	234	3000
5N50-TC3	500	±30	5	1750	-	-	-	438	61	4.6	13	5.5	2	2	4	250	1780
5N50-ML	500	±30	5	1500	-	-	-	560	62	5	14	4	2	2	4	180	2000
7N50-ML	500	±30	7	1200	-	-	-	790	80	6.2	22	6.5	5.5	2	4	280	4500
UF840K-MTQ	500	±30	8	870	-	-	-	920	105	10	24	3	2	2	4	312	3100
8N50-ML	500	±30	8	900	-	-	-	913	115	13	25	5.2	7	2	4	280	5600
9N50-TC	500	±30	9	1000	-	-	-	898	110	5.2	21	6.2	4.8	2	4	276	2900
9N50Z-TC	500	±20	9	800	-	-	-	1036.4	111.7	5.2	29.4	8.8	5	2	4	672	30700
10N50-ML	500	±30	10	750	-	-	-	1180	123	6.5	24.4	6.3	4.8	2	4	282	6400
UK3568	500	±30	12	520	-	-	-	1700	200	38	56	15	18	2	4	360	5000
10N50-MLQ	500	±30	10	900	-	-	-	913	115	13	25	5.2	7	2	4	280	5600
12N50-ML	500	±30	12	600	-	-	-	1290	141	9.5	32	11	10	2	4	315	7500
14N50-ML	500	±30	14	500	-	-	-	1540	169	15	36	8	10	2	4	344	9100
15N50-ML	500	±30	15	450	-	-	-	1700	185	15	40	10	10	2	4	356	9800
16N50-ML	500	±30	16	420	-	-	-	1800	208	17	43.6	9	12	2	4	384	11070
18N50-ML	500	±30	18	300	-	-	-	2880	307	39.3	77	13	27	2	4	400	12500
18N50-MLQ	500	±30	18	350	-	-	-	2750	250	14	64	26	20	2	4	400	6100
20N50-HC	500	±30	20	270	-	-	-	3450	360	35	82	15	26	2	4	465	17000

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ) atVGS=10V (Range)	RDS(ON) MAX.(mΩ) atVGS=4.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=2.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
23N50Q	500	±30	23	320	-	-	-	2450	275	16.5	53	11	13	2	4	412	6500
24N50	500	±30	24	240				3500	520	55	90	23	52	2	4	250	1100
24N50-C	500	±30	24	240				4300	385	18	98	25	24	2	4	440	6900
24N50-HCQ	500	±30	24	260				3450	360	35	82	15	26	2	4	465	17000
30N50-HC	500	±30	30	125				7150	770	55	175	55	62	2	4	580	23000
1N55-LC1	550	±30	1	8500	-	-	-	125	18.8	2.2	5	2.8	1	2	4	180	400
2N55-LC1	550	±30	2	4950	-	-	-	228	29	2.8	6.7	2.8	1	2	4	235	820
3N55-LC1	550	±30	3	4400	-	-	-	265	32	3	7.6	3	1.2	2	4	272	1150
4N55-LC	550	±30	4	2500	-	-	-	363	50	6	13	5.4	3	2	4	240	1400
5N55-LC	550	±30	5	2100	-	-	-	443	60	7	17	5.6	4	2	4	228	1400
5N55-ML	550	±30	5	1800				570	59	3.3	17.3	7	2.3	2	4	230	3668
01N60Z-ML	600	±20	0.1	60000				27	11	2.9	8.2	2.9	1	2	4		
B5S127	600	±20	0.021	500000	600000			21	2.4	1	0.65	0.07	0.31	1.4	2.6	160	1320
B5S127Z	600	±20	0.021	500000	600000			7	6.2	2.5	7	1.8	0.5	1.4	2.6	150	240
03N60-KW	600	±30	0.3	20000	-	-	-	72	11.5	3.7	7.1	0.7	0.6	2	4		
03N60-CB	600	±30	0.3	24000				60	11	4.8	7	3	1.2	2	4	145	150
1N60-MS	600	±30	1	14000				86	16	2	8	3.5	1.4	2	4	170	1200
1N60-SE	600	±30	1	17500				110	35.7	12.4	7.2	2.8	0.4	2	4	169	700
1N60-LC1	600	±30	1	11000	-	-	-	134	18	1.9	4.6	2.3	0.7	2	4	200	450
1N60Z	600	±20	1.2	11500	-	-	-	120	20	3	5	1	2.6	2	4	160	300
2N60A-LC1	600	±30	2	6300	-	-	-	246	28	2.4	5	2	1.3	2	4	280	900
2N60Z	600	±20	2	5000	-	-	-	432.1	39.8	7.9	19	5.4	4.3	2	4	222.6	3100
2N60-LC1	600	±30	2	5000	-	-	-	285	30	2.3	7	2.9	0.9	2	4	285	1000
3N60Z	600	±30	3	3600	-	-	-	350	50	5.5	10	2.7	4.9	2	4	210	1200
3N60-LC	600	±30	3	3000	-	-	-	446	46	4.5	15.2	5.4	1.8	2	4	220	3000
4N60Z	600	±20	4	2500	-	-	-	520	70	8	15	3.4	7.1	2	4	250	1500
4N60-ML	600	±30	4	2300	-	-	-	560	58	4.6	13	4	2.5	2	4	240	4000
5N60Z	600	±20	5	1800	-	-	-	760	80	13	22	5	7	2	4	300	2900
5N60-ML1	600	±30	5	2500				535	59	5	18	7	4	2	4	266	4900
6N60Z	600	±20	6.2	1750	-	-	-	770	95	10	32.8	7	9.8	2	4	290	2350
6N60-ML	600	±30	6	1700	-	-	-	790	74	5.5	22	7	5	2	4	340	5000
7N60-ML	600	±30	7	1200	-	-	-	915	105	12	24.5	5.8	6.5	2	4	290	5920
7N60Z	600	±30	7.4	1000	-	-	-				29	7	14.5	2	4	320	2400
8N60-ML	600	±30	8	1000				1265	118	8	32	11	8	2	4	400	7200

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON))MAX.(mΩ)atVGS =10V (Range)	RDS(ON))MAX.(mΩ)atVGS =4.5V (Range)	RDS(ON))MAX.(mΩ)atVGS =2.5V (Range)	RDS(ON))MAX.(mΩ)atVGS =1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
10N60-ML	600	±30	10	900				1295	129	8.9	29	6.6	7	2	4	340	7900
10N60Z	600	±20	10	750	-	-	-	1570	166	18	44	6.7	18.5	2	4	420	4200
12N60-ML	600	±30	12	740	-	-	-	1550	151	12.8	35	7.8	9.6	2	4	370	9600
13N60-ML	600	±30	13	680	-	-	-	1720	170	14	40	9	12	2	4	380	11000
14N60-ML	600	±30	14	550	-	-	-	1850	184	12	41	9	10	2	4	410	12500
16N60-ML	600	±30	16	550	-	-	-	2650	220	13	60	21	17	2	4	444	7560
17N60-ML	600	±30	17	420	-	-	-	2670	260	21	78	24	22	2	4	608	9100
18N60-HC	600	±30	18	450	-	-	-	2905	260	15	68	17	20	2	4		
18N60-ML	600	±30	18	400	-	-	-	3000	272	10	67	21	17	2	4	450	15600
20N60-HCQ	600	±30	20	500	-	-	-	2905	258	14	65	20	19	2	4	475	17000
1N65-MS	650	±30	1	14000				86	16	2	8	3.5	1.4	2	4	170	1200
1N65-SE	650	±30	1	18000				108.7	35.7	11.8	7.2	2.48	0.6	2	4	169	700
1N65-LC1	650	±30	1	12000	-	-	-	124	18	2.2	4.8	2.4	0.8	2	4	226	450
1N65Q-TA	650	±30	1	9500				160	21	2	10	4	1.2	2	4	148	437
2N65-CBS	650	±30	2	9500				158	19	2.1	10	4	1.5	2	4	175	700
2N65A-LC1	650	±30	2	6600				218	28	2.5	12	4.8	2	2	4	210	2000
2N65-LC1	650	±30	2	5500	-	-	-	263	30	2.9	7.5	2.9	1	2	4	280	900
2N65ZL	650	±20	2	5000	-	-	-	270	40	5	9	1.6	4.3	2	4	180	720
3N65-LC	650	±30	3	3800				400	45	5	11	3.4	1.9	2	4	310	2100
3N65Z	650	±30	3	3800	-	-	-	350	50	5.5	10	2.7	4.9	2	4	210	1200
4N65-TC3	650	±30	4	2900	-	-	-	445	53	4	13	4	3	2	4	330	2000
4N65-ML	650	±30	4	2600				560	55	5	13	4	2.2	2	4	250	4500
4N65Z	650	±30	4	2500	-	-	-	520	70	8	15	3.4	7.1	2	4	250	1500
5N65-MLQ	650	±30	5	2600				560	55	5	13	4	2.2	2	4	250	4500
5N65-ML1	650	±30	5	2500	-	-	-	550	56	4.5	17	6	3	2	4	272	2200
5N65Z	650	±20	5	2400	-	-	-	515	55	6.5	15	2.5	6.6	2	4	300	2200
6N65-ML	650	±30	6	1900	-	-	-	820	70	4.5	21	7	5	2	4	370	5200
7N65-ML	650	±30	7	1300				870	97	9.6	22	5	5.5	2	4	506	2700
8N65-ML	650	±30	8	1200	-	-	-	1040	114	11.5	27	6	7.8	2	4	420	3500
8N65-MLQ	650	±30	8	1300				915	105	12	24.5	5.8	6.5	2	4	290	5920
9N65-ML	650	±30	9	1300				1234	109	8	31	9	8	2	4		
9N65-HD2	650	±30	9	1200				1180	107	8.5	31	12	7.5	2	4	480	4000

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDSS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ) atVGS=10V (Range)	RDS(ON) MAX.(m Ω) atVGS =4.5V (Range)	RDS(ON) MAX.(m Ω) atVGS =2.5V (Range)	RDS(ON) MAX.(m Ω) atVGS =1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
10N65-ML	650	±30	10	1000				1300	124	9.3	31	7.6	5.8	2	4	376	8500
12N65-ML	650	±30	12	850				1540	150	12	36	8.6	10	2	4	470	12000
13N65-ML	650	±30	13	720	-	-	-	1710	162	13.5	40	9	11	2	4	400	12500
14N65-ML	650	±30	14	650	-	-	-	1950	180	14	44	10	12	2	4	430	14000
16N65-ML	650	±30	16	600	-	-	-	2730	210	11	59	24	17	2	4	472	8400
17N65-ML	650	±30	17	480	-	-	-	2725	250	20	77	24	21	2	4	602	9000
18N65-HC	650	±30	18	500				3002	252	17	68	23	20	2	4	516	20200
18N65-ML	650	±30	18	430				3200	262	12	63	14	15	2	4	470	16500
20N65-HC	650	±30	20	400				3320	300	22	80	22	23	2	4		
16N68-ML	680	±30	16	600				2450	205	9	62	16	18	2	4	450	6600
M67N68	680	±30	18	450				3200	262	12	60	23	15	2	4	470	16500
1N70-LC1	700	±30	1	13500	-	-	-	127	18	2.4	8.6	3.7	1.6	2	4	190	1300
2N70A-LC1	700	±30	2	8500				225	26	2.8	6.8	2.7	3.2	2	4	314	1000
2N70-LC1	700	±30	2	7000	-	-	-	263	28	2.7	7.5	2.8	1.1	2	4	300	1000
3N70-LC	700	±30	3	4300				438.6	36.3	1.98	15.6	5.4	2.3	2	4	310	3200
4N70-ML	700	±30	4	3000				560	50	4	13	4	2	2	4	265	4500
5N70K-MT	700	±30	5	2400	-	-	-	515	55	6.5	18	6.7	3.9	2	4		
6N70K-MTQ	700	±30	6	2400	-	-	-	480	65	7.5	45	7	7	2	4		
6N70-ML	700	±30	6	2400	-	-	-	725	67	7.5	25	7.8	6	2	4	290	2730
7N70-ML	700	±30	7	1700				950	91	7.2	23	6	5	2	4	532	6100
8N70-ML	700	±30	8	1550				1150	100	6.5	30	10	7.4	2	4	340	8200
9N70-TC	700	±30	9	1250	-	-	-	1410	114	4	27	8.4	2.6	2	4	352	4400
10N70-ML	700	±30	10	1400				1310	110	8	29	7	6.8	2	4	380	10500
12N70-ML	700	±30	12	1000				1550	140	12	36	8.5	10	2	4	390	11000
13N70-ML	700	±30	13	850				1720	150	13	40	10	11	2	4	400	12000
14N70-ML	700	±30	14	820				1870	161	11	41	9	10	2	4	436	14600
16N70-ML	700	±30	16	660				2450	200	15	65	15	22	2	4	440	6700
17N70-ML	700	±30	17	560				2760	230	15.8	72	21	20	2	4	612	9300
18N70-HC	700	±30	18	600				2901	241	22	69	21	23	2	4	525	10000
18N70-ML	700	±30	18	550				3450	240	8.8	72	21	19	2	4	480	8300
20N70-HC	700	±30	20	420				3150	285	29	89	19	31	2	4	500	9200
05N80-FC	800	±30	0.5	17000				167	48	12	11	5	1.2	3	5	270	540

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ) atVGS=10V (Range)	RDS(ON) MAX.(mΩ) atVGS=4.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=2.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
1N80-FC	800	±30	1	11000	-	-	-	190	28	2	11	5	1.8	3	5	275	900
2N80-C	800	±30	2	5600	-	-	-	400	54	6	17	7	4	3	5	346	4120
2N80-FC	800	±30	2	6800	-	-	-	340	40	2	11	6	1.2	3	5	480	4000
3N80-FC	800	±30	3	5200	-	-	-	390	48	2.5	7.9	3.4	1	3	5	390	5000
4N80-FCQ	800	±30	4	4700	-	-	-	520	54	1.6	14.5	6.8	2	3	5	440	6400
4N80-FC	800	±30	4	3700	-	-	-	600	62	2	10	5	1	3	5	430	6800
5N80-CQ	800	±30	5	3800	-	-	-	514	70	7	15	4	3	3	5	620	4200
5N80-FCQ	800	±30	5	3000	-	-	-	674.9	73	2.1	16	8	1.9	3	5	570	8600
5N80-FC	800	±30	5	2500	-	-	-	780	82	1	13.5	5.1	1.2	3	5	700	7700
6N80-FC	800	±30	6	2200	-	-	-	1030	90	1.6	19.7	8	3	3	5	500	10390
7N80-FC	800	±30	7	1500	-	-	-	1450	125	2	22	8	2.4	3	5	460	1100
8N80-FC	800	±30	8	1700	-	-	-	1600	144	2	26	9	1.5	2.5	4.5	450	5800
8N80-FCQ	800	±30	8	1620	-	-	-	1130	117	2.4	22.8	8.8	3	3	5	530	6000
9N80-FC	800	±30	9	1100	-	-	-	1810	265	7.7	33	12	4.7	3	5	560	13000
10N80-CQ	800	±30	10	1400	-	-	-	1400	155	18	47	15	16	3	5	800	7800
10N80-C	800	±30	10	1100	-	-	-	1880	210	20	48	12	13	3	5	580	9000
10N80-FC	800	±30	10	950	-	-	-	1973	178	1.4	34	12	5	3	5	534	7200
11N80-C	800	±30	11	900	-	-	-	2170	240	35	68	12	25	3	5	816	9000
12N80-FL	800	±30	12	950	-	-	-	2270	198	7.5	47.2	19	12.2	3	5	550.6	18.75
12N80-LC	800	±30	12	900	-	-	-	2640	210	10	60	19	15.5	3	5	530	15400
12N80-FC	800	±30	12	780	-	-	-	2553	220	1.2	45	20	8	3	5	568	9000
1N90-FC	900	±30	1	15000	-	-	-	182	26	2.1	8	3.5	1	3	5	380	2100
2N90-FC	900	±30	2	8000	-	-	-	300	38	2.1	6	3	0.6	3	5	370	3700
3N90-FC	900	±30	3	6700	-	-	-	401	44	2.2	14.6	7.3	1.8	3	5	390	2800
4N90-FCQ	900	±30	4	5400	-	-	-	516	52	1.5	14.4	7.6	1.6	3	5	450	6900
4N90-CQ	900	±30	4	4300	-	-	-	560	67	7	20	8	5.5	3	5	400	8800

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ) atVGS=10V (Range)	RDS(ON) MAX.(mΩ) atVGS=4.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=2.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
4N90-FC	900	±30	4	4600				600	58	2	14.2	4.6	1.25	3	5	400	6300
5N90-FCQ	900	±30	5	3700				722	67	1.9	11.7	5.8	0.6	3	5	460	8400
5N90-FC	900	±30	5	3300				780	75	2	14	5	1.2	3	5	450	8500
6N90-FC	900	±30	6	2800	-	-	-	860	85	2.1	15	5.5	1.8	3	5	510	10300
7N90-FC	900	±30	7	1850	-	-	-	1430	115	1.8	22	8	2	3	5	520	1200
8N90-FC	900	±30	8	1600				1510	134	2.5	26	8.5	3	3	5	530	6890
9N90-C	900	±30	9	1400				1900	216	23	46	18	15	3	5	636	10400
9N90-FC	900	±30	9	1500				1800	160	2.2	30	10	4	3	5	520	15000
12N90-C	900	±30	12	1200				1912	257	50	67.5	19	29	2	4	740	11000
12N90-FC	900	±30	12	950	-	-	-	2300	200	0.8	35	12	3	3	5	610	10000
2N100-FC	1000	±30	2	12000	-	-	-	300	35	2	6.5	2.5	0.8	3	5	380	5200
3N100-FC	1000	±30	3	9000				385	42	2	13	6	2	3	5	840	5600
4N100-FCQ	1000	±30	4	7500				520	45	1.5	13	6	1.5	3	5	550	8000
4N100-FC	1000	±30	4	5500				610	55	2.2	16	7	2.5	3	5	900	7500
5N100-FCQ	1000	±30	5	5400				726	62	1.8	12	6	0.6	3	5	510	9100
6N100-FC	1000	±30	6	4000	-	-	-	945	77	1.9	20	7	1.5	3	5	900	10600
7N100-FC	1000	±30	7	2400	-	-	-	1430	110	1.8	22	8.6	1.5	3	5	750	14500
8N100-FC	1000	±30	8	1400	-	-	-	1500	130	3	34	8	4	3	5	600	7000

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ) atVGS=10V (Range)	RDS(ON) MAX.(mΩ) atVGS=4.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=2.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
8N100-FCQ	1000	±30	8	2900				1250	102	2.6	28	12	4	3	5	620	7500
9N100-FC	1000	±30	9	1900				1800	140	1.7	34	13	5	3	5	1000	17500
10N100-FC	1000	±30	10	1400				2000	155	2	38	16	7	3	5	1000	18000
1N100-FC	1000	±30	1	18500				182.2	24.4	1.6	8.7	3.7	1.2	3	5	456	2300
12N100-FC	1000	±30	12	1400				2600	200	1	40	14	5.5	3	5	1000	10000
1N120-E2	1200	±30	1	12000				370	48	8	23	6.5	7	3	5	600	2300
2N120	1200	±30	2	7500	-	-	-	700	65	12	31	9.5	10	3	5	480	3800
2N120-E2	1200	±30	2	8000				525	67	11	26.8	9.5	7.8	3	5	780	4200
2N120A-E2	1200	±30	2	6800				600	74	13	30	9	10	3	5	760	4200
2N120-E4	1200	±30	2	10000				400	50	16	25	9	8.4	3	5	640	4000
3N120-E3	1200	±30	3	7000				570	60	13	28	12	10	3	5	780	5070
3N120-E4	1200	±30	3	6500				635	74	25	36	11	15	3	5	720	6300
4N120-E2	1200	±30	4	4100				1000	107	16	40	11	14	3	5	708	6900
4N120-E4	1200	±30	4	5500				760	86	28	40	12	18	3	5	730	7600
4N120	1200	±30	4	4000	-	-	-	1340	105	18	41	11	18	3	6	840	11500
5N120-E2	1200	±30	5	3000				1430	143	20	53	15	18	3	5	800	9500
5N120	1200	±30	5	3100	-	-	-	1550	280	60	73	12	40	3	6	1100	15000
6N120-E2	1200	±30	6	2500				1550	165	26	62	16	25	3	5	840	11000

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ) atVGS=10V (Range)	RDS(ON) MAX.(mΩ) atVGS=4.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=2.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
6N120	1200	±30	6	2500	-	-	-	2040	586	356.8	101	21	57	3	6	840	15000
7N120-E2	1200	±30	7	2400				1723	180	30	68	16	29	3	5	880	12200
7N120-E4	1200	±30	7	2600				1490	164	55	77	21	35	3	5	960	14600
8N120	1200	±30	8	1800				2480	135	7	125	82	25	3	6	1380	65130
9N120-E3	1200	±30	9	1800				2220	202	43	85	20	38	3	5	940	15300
9N120	1200	±30	9	1800				2680	180	60	135	21	79	3	5	1400	70100
12N120-E2	1200	±30	12	1600				2630	250	34	87	20	36	3	5	1400	20000
12N120-E4	1200	±30	12	1800				2300	245	82	114	28	56	3	5	1200	24600
13N120-E2	1200	±30	13	1500				2840	280	46	105	22	48	3	5	1080	21800
15N120-E3	1200	±30	15	1200				3500	305	62	128	28	59	3	5	1144	25500
1N150-E4	1500	±30	1	16000				390	43	14	24	9	8	3	5	765	3300
2N150	1500	±30	2	13000	-	-	-	740	55	9.8	23.5	8	8.4	3	5	688	5800
2N150-E3	1500	±30	2	13000				580	50	11.5	28	10	8	3	5	770	4300
2N150-E4	1500	±30	2	10000	-	-	-	640	64	21	36	10	15	3	5	700	5200
3N150-E3	1500	±30	3	7500	-	-	-	981	74	15	39	12.8	12.4	3	5	630	6100
3N150-E4	1500	±30	3	8500				760	75	25	41	11.6	18	3	5	1050	7800
4N150	1500	±30	4	6500	-	-	-	1310	95	17	40	11	16	3	5	1200	13100
4N150-P	1500	±30	4	5000				1609	124.6	12	45.4	13	14.3	3	5	1060	22000

POWERMOSFET List > Planar Power MOSFET(N-CH)

N-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(mΩ) atVGS=10V (Range)	RDS(ON) MAX.(mΩ) atVGS=4.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=2.5V (Range)	RDS(ON) MAX.(mΩ) atVGS=1.8V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th) (V) MIN. (Range)	VGS(th) (V) MAX. (Range)	Trr TYP. (nS)	Qrr TYP. (nC)
4N150-E2	1500	±30	4	5500				1440	120	17	52	16	17	3	5	880	9600
4N150-E3	1500	±30	4	6300				11132	88	19	45	12	19	3	5	500	6700
6N150-E2	1500	±30	6	4000				1800	145	20	62	13	26	3	6	1100	14000
6N150-E4	1500	±30	6	4000				1485	140	46	77	21	33	3	5	1260	15000
8N150	1500	±30	8	2400				3150	210	36	100	32	36	3	5	1250	21000
9N150	1500	±30	9	2300				2900	260	81	133	30	72	3	5	1380	35100
11N150-E4	1500	±30	11	3000				2300	210	55	113	28	55	3	5	1620	27100
14N150-E3	1500	±30	14	2000				3500	250	50	125	26	56	3	5	1540	28700

Package (封装方式)
TO-251 TO-252 TO-220 SOT-223
TO-220
TO-220 TO-252
TO-220
TO-220 TO-263 TO-3P TO-247
TO-252
SOP-8 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 TO-251
TO-252 TO-220
TO-251 TO-252 TO-220
TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
TO-220 TO-220F1 TO-252
TO-251 TO-252 TO-220 TO-263
TO-251 TO-252 TO-252D TO-263 TO-220 TO-220F TO-220F3 TO-220E1
TO-220 TO-220F TO-263 TO-220F1
TO-220 TO-220F TO-220F2 TO-263 TO-262
TO-220 TO-220F1 TO-220F2 TO-263
TO-220 TO-220F TO-220F1 TO-220F2 TO-263
SOT-23
SOT-23
TO-92NL
SOP-8 TO-252 TO-252D TO-223
SOT-223 TO-251 TO-252 TO-252D
TO-252
TO-251 TO-251S TO-251S2 TO-251S4 TO-252 TO-263 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220E2
TO-220 TO-252
TO-220 TO-220F TO-252 TO-263
TO-220 TO-263 TO-247
TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-247 TO-262
TO-252 TO-251 SOP-8
TO-220F1 TO-220F2

Package (封装方式)
TO-220F1 TO-220F2
TO-220F1 TO-220F2 TO-220
TO-247
SOT-223 TO-251 TO-252 TO-220 PDFN3x3
SOT-223
TO-251 TO-251L TO-252 TO-220 TO-220F TO-220F1 TO-220F2
TO-252
TO-220 TO-251 TO-252 TO-220F TO-220F1 TO-220F2 TO-220F3
TO-220F TO-220F1 TO-220F2 TO-251 TO-252 TO-262 TO-263 TO-247
TO-220 TO-220F
TO-220 TO-220F2 TO-247 TO-263
TO-220 TO-263 TO-220F1 TO-220F2
TO-247 TO-263
SOT-223 TO-251 TO-251S TO-252 PDFN3x3
TO-252
TO-252
TO-252
TO-220F TO-252 SOP-8
TO-252 TO-220 TO-220F1 TO-220F
TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-220F2
TO-220 TO-220F2
TO-247
TO-247
SOT-23 TO-220F1
SOT-223 TO-251 TO-251S TO-252
TO-251 TO-251S TO-252
TO-252
TO-220 TO-252
TO-252
TO-220 TO-220F1 TO-220F2
SOT-23
SOT-223 TO-251 TO-251S TO-251S2 TO-251S4

Package (封装方式)
TO-251 TO-252 TO-230 TO-220F TO-220F1 TO-220F2 TO-250
TO-220F1 TO-220F2 TO-252 TO-251
TO-220F1 TO-220F2 TO-251 TO-252
TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F1 TO-220F2 TOLL-88
SOT-223 SOP-8
TO-92
TO-251 SOT-23 SOT-89
TO-92
TO-251 TO-252 SOP-8
TO-251 TO-92
SOP-8
TO-251
TO-220F TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-251 TO-252 SOT-223
TO-220F1 TO-220F2 TO-220F3 TO-251 TO-252
TO-251 TO-252
TO-220 TO-220F TO-220F1 TO-252 TO-263
TO-220F1 TO-220F2 TO-251 TO-252
TO-220 TO-220F TO-220F1 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220 TO-220F TO-220F1 TO-220F2 TO-263
TO-220F1 TO-220F2 TO-251 TO-252
TO-220F1 TO-220F2
TO-220F TO-220F1 TO-220F2
TO-220F1 TO-220F2 TO-220F3 TO-247
TO-220 TO-220F TO-220F1 TO-220F2
TO-220F TO-220F1 TO-220F2 TO-263 TO-263 TO-247 TO-3P

Package (封装方式)
TO-3PB
TO-247 TO-247S TO-3P
TO-247
TO-247 TO-247S TO-3P
TO-247 TO-3PB
TO-251 TO-252
TO-251
TO-251
TO-252
TO-252
TO-252
SOT-23-3
SOT-23 SOT-23-3
SOT-23 SOT-23-3
TO-92
SOT-23 SOT-223
SOT-223 TO-92
TO-92 SOP-8
TO-251 TO-252 SOT-223 TO-92
SOT-223 TO-92 TO-252
TO-220F1 TO-220F2 TO-252
TO-251 TO-220F TO-252 TO-126
TO-251 TO-252 TO-220F SOT-223
TO-220F
TO-251 TO-252
TO-251 TO-251S TO-252 TO-220F TO-220F1 TO-220F2 TO-220F3 TO-220F4 TO-251 TO-251S TO-252 TO-251S4
TO-220F1 TO-252
TO-220F1 TO-220F2
TO-220F
TO-251 TO-252
TO-220F1 TO-220F2 TO-220F3 TO-251 TO-252 TO-263 TO-262
TO-263 TO-220 TO-220F1
TO-220F TO-220F1 TO-220F2

Package (封装方式)
TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3
TO-220F1
TO-220F TO-220F1 TO-220F2
TO-220F1 TO-220F2
TO-220F TO-220F1 TO-220F2
TO-220F1 TO-220F2
TO-220F1 TO-220F2
TO-220F1 TO-220F2
TO-220F1 TO-220F2
TO-220F1 TO-220F2 TO-247
TO-92 SOT-223
TO-92 SOP-8
TO-251 TO-252 SOT-223 TO-92
TO-251 TO-252 SOT-223
TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3
TO-251 TO-220F TO-220F1 TO-220F2 TO-220
TO-251 TO-220F TO-251 TO-252 SOT-223
TO-251
TO-252
TO-220F
TO-220F TO-220F1 TO-251 TO-252 TO-252D TO-220F
TO-220F1 TO-220F2 TO-220F3 TO-262 TO-263 TO-251 TO-252 TO-252D
TO-220F
TO-220F TO-220F1 TO-220F2 TO-251 TO-252 TO-220F
TO-220F TO-220F1 TO-220F2 TO-251 TO-252 TO-262 TO-263
TO-220F1
TO-220 TO-220F1 TO-220F2 TO-251 TO-252 TO-220
TO-220F TO-220F1 TO-220F2 TO-263 TO-262 TO-251 TO-252 TO-252D TO-252D
TO-220F TO-220F1 TO-220F2 TO-251 TO-252 TO-262 TO-263 TO-220F1 TO-220F2
TO-251 TO-252 TO-262 TO-263
TO-252
TO-252 TO-252D TO-251

Package (封装方式)
TO-220F TO-251 TO-252 SOT-223
TO-220 TO-220F TO-220F1 TO-251 TO-252
TO-220F TO-251 TO-252 SOT-223
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-252 TO-251
TO-220 TO-220F TO-220F1 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-252
TO-220F TO-220F1 TO-251
TO-262 TO-263 TO-251 TO-252
TO-220 TO-220F TO-220F1 TO-220F2
TO-220 TO-220F TO-220F1 TO-220F4
TO-220 TO-220F TO-220F1
TO-220F1 TO-220F2
TO-220 TO-220F TO-220F1 TO-262 TO-263
TO-220F2
TO-220 TO-220F TO-220F1 TO-220F2 TO-3P
TO-220F2 TO-220F1 TO-3P
TO-220F TO-220F1 TO-220F2
TO-220F TO-220F1 TO-220F2
TO-220 TO-220F TO-220F1 TO-3P TO-263
TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220 TO-220F TO-220F1 TO-251 TO-252

Package (勾选方式)
TO-220F TO-220F1 TO-220F2 TO-220F3 TO-220 TO-251 TO-252 TO-262 TO-263
TO-220F TO-220F1 TO-252
TO-220F1 TO-220F2 TO-251 TO-252
TO-220 TO-220F TO-220F2 TO-252 TO-220F1 TO-251 TO-262 TO-263
TO-220F1 TO-220F TO-220F2 TO-263
TO-220 TO-220F1 TO-3PF
TO-220 TO-220F TO-220F1 TO-220F2 TO-3P TO-3PB TO-247 TO-247S
TO-220 TO-220F TO-220F1 TO-220F2 TO-247 TO-3P
TO-220F TO-3PN
TO-220 TO-220F TO-220F1 TO-220F2 TO-3PB TO-3PN
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220F
TO-252 TO-220 TO-220F TO-220F1 TO-220F2
TO-220F1
TO-220F TO-220F1 TO-220F2
TO-220 TO-220F TO-220F1

Package (勾选方式)
TO-220 TO-220F TO-220F1
TO-220 TO-247
TO-220F TO-220F1
TO-252
TO-220F TO-220F1
TO-220 TO-252
TO-220 TO-263
TO-220 TO-220F1 TO-220F2
TO-220 TO-220F1 TO-220F2
TO-220F1 TO-220F2
TO-220F1
TO-220F1 TO-220F2
TO-220 TO-220F1 TO-220F2
TO-220F1 TO-220F2
TO-220 TO-220F TO-220F1 TO-220F2 TO-39F TO-247 TO-263
TO-220F1 TO-220F2
TO-247
TO-220F1 TO-247

Package (勾选方式)
TO-247
TO-220F1 TO-247
TO-247
TO-247
TO-247
TO-247
TO-247
TO-247
TO-247
TO-247
TO-247
TO-247
TO-247
TO-247
TO-247
TO-220F1 TO-220F2
TO-220 TO-263 TO-247 TO-3P TO-3PB TO-3PF
TO-220F1
TO-220F1 TO-220F2
TO-220 TO-220F1 TO-247 TO-3PF
TO-220F1 TO-220F2
TO-3PF TO-3PB TO-247 TO-220 TO-263 TO-220F TO-220F1 TO-220F2
TO-247

Package (勾选方式)
TO-220F1 TO-220F2
TO-247
TO-220F1 TO-220F2
TO-247
TO-247 TO-3PF
TO-247
TO-247
TO-247

POWERMOSFET List > Fast Body Diode Power MOSFET(N-CH)

N-CH (沟道方式)	TYPE	VDS S	VGS (±V)	ID (A)	RDS(O N)	RDS(O N)	CISS TYP.	COSS TYP.	CRSS TYP.	Qg TYP.	Qgs TYP.	Qgd TYP.	VGS(th) (th)	VGS(th) (th)	Trr TYP.	Qrr TYP.
F05N50-TD	PlanarMOS	500	±30	0.5	9.5	11.4	91	15	2.1	3.7	1.7	0.6	2	4	57	80
F1N50-HD	PlanarMOS	500	±30	1	6.8	8.2	146	19	2.1	4.3	1.9	0.8	2	4	62	121
F2N50-ML	PlanarMOS	500	±30	2	4.5	5.2	150	26	3	6.5	2.5	1.2	2	4	95	500
FSN50	PlanarMOS	500	±30	5	1.25	1.6	480	80	15	20	4	5	1.5	3.5	120	0.15
F2N60	PlanarMOS	600	±30	2	4.7	5	-	-	-	16	3.8	4.6	2	4	100	720
F2N50-TD	PlanarMOS	500	±30	2	3.45	4.1	255	31	2.8	6.6	2.5	0.8	2	4	78	245
F3N50-TD	PlanarMOS	500	±30	3	3.2	3.8	266	34	3.2	7.5	2.8	1.2	2	4	83	267
FUF830K-TC	PlanarMOS	500	±30	4.5	1.66	1.9	575	63	3.5	16	6	2	2	4	82	270
FUF830-ML	PlanarMOS	500	±30	4.5	1.8	1.9	582	60	5	16	6	3	2	4	58	177
F5N50K-TC	PlanarMOS	500	±30	5	1.56	1.8	585	58	7	5.2	2.8	1.1	2	4	102	330
F05N60-TD	PlanarMOS	600	±30	0.5	14	17	90	15	2.3	3.8	1.7	0.7	2	4	58	68
F1N60-HD	PlanarMOS	600	±30	1	9.4	11.2	140	18	2.3	4.4	1.9	0.8	2	4	66	115
F1N60Q-TD	PlanarMOS	600	±30	1	7.5	8.6	150	21	2.6	9	4	1.5	2	4	70	170
F1N60Q-TA	PlanarMOS	600	±30	1	-	8.2	160	21	2.1	8.6	3.1	1.2	2	4	74	90
F2N60-TD	PlanarMOS	600	±30	2	5.1	6	249	29	3.1	7.2	2.6	1.2	2	4	83	208
F2N60-LC1	PlanarMOS	600	±30	2	4.6	5.5	265	31	3	7.5	2.6	1	2	4	87	300
F2N60-TC2	PlanarMOS	600	±30	2	4.6	5.5	260	30	2	6.6	2.5	0.7	2	4	80	200
F2N60-TC3	PlanarMOS	600	±30	2	6.3	6.8	200	25	2.1	9.4	2.8	1.4	2	4	79	230
F3N60-TD	PlanarMOS	600	±30	3	3.65	4.4	333	37	3.6	8.9	3	1.5	2	4	88	266
F3N60-TD2	PlanarMOS	600	±30	3	3	3.7	387	45	5.2	15.6	5	3.3	2	4	96	360
F3N60-LC	PlanarMOS	600	±30	3	2.8	3.6	430	46	4.5	14.8	5.8	2.06	2	4	98	414
F4N60K-TC	PlanarMOS	600	±30	4	2.4	3	560	58	3.5	16	5.5	2	2	4	100	359
F4N60-TC1	PlanarMOS	600	±30	4	2.3	3	575.3	57.9	3.8	16.3	5.8	2.5	2	4	93.3	370
F4N60-TD1	PlanarMOS	600	±30	4	2.5	3	544	53	3.3	17	5.5	3.8	2	4	100	430
F4N60-MBQ	PlanarMOS	600	±30	4	3	4	410	46	5	15	6	3.5	2	4	100	400
F5N60-TD1	PlanarMOS	600	±30	5	2	2.5	635	62.5	3.5	20	6.2	3.2	2	4	112	540
F4N60-ML	PlanarMOS	600	±30	4	2.3	3.4	580	53	4	12.8	4	2	2	4	79	225
F4N60-ML1	PlanarMOS	600	±30	4	2.3	2.7	550	60	5	18	6	4.2	2	4	80	141
F2N65-TC	PlanarMOS	650	±30	2	4.2	4.8	338	33	2.3	11	4	0.9	2	4	98	193
F7N65-ML	PlanarMOS	650	±30	7	1.5	1.75	1053	89	6	27	9	5	2	4	78	300
F3N70-LC	PlanarMOS	700	±30	3	3.8	4.6	437	41	4	16.8	3	5.9	2	4	97	377
F21N650	SJMOS	500	±30	21	0.17	0.23	1146	916.3	98.1	47.5	14	17.1	2.5	4.5	204.5	3200
F24N660	SJMOS	600	±30	24	0.15	0.16	1980	1590	140	77	30	33	2.5	4.5	290	3500
F30N660	SJMOS	600	±30	30	0.1	0.13	2540	1810	152	92.4	21.2	38	2.5	4.5	190	2800
F75N660Z	SJMOS	600	±30	75	0.038	0.046	6710	467	1	160	35	58	2.5	4.5	205	1400
F80N660Z	SJMOS	600	±30	80	0.028	0.035	9140	890	2.5	195	58	61	2.5	4.5	397	3200
F9N65	SJMOS	650	±30	9	0.48	0.58	570	100	6	33	10	11	2.5	4.5	110	430
F15NM65-U2	SJMOS	650	±30	15	0.31	0.4	940	725	64	32	9	3	2.5	4.5	244	5000
F18N65	SJMOS	650	±30	18	0.26	0.32	1110	670	65	42	14	15	2.5	4.5	200	3200
F21N65	SJMOS	650	±30	21	0.18	0.22	1570	965	96	55.7	12	24	2.5	4.5	170	2400
F30N65	SJMOS	650	±30	30	0.13	0.15	2580	1750	130	94	22	35	2.5	4.5	232	2100
F18N70	SJMOS	700	±30	18	0.29	0.35	1150	670	62	43	10	15.6	2.5	4.5	145	1650
F21N70	SJMOS	700	±30	21	0.22	0.25	1600	1100	92	54	7	19	2.5	4.5	123	1200

Package (封装方式)
TO-252
TO-252
TO-252
TO-252
TO-252
TO-252
TO-252
TO-252
TO-252
TO-251
TO-220F1
TO-252
TO-252
TO-252
TO-252
TO-252
TO-92
TO-252
TO-252
TO-252
TO-252
TO-252
TO-220
TO-220F
TO-252
TO-251
TO-252
TO-252
TO-252
TO-252
TO-252
TO-251
TO-252
TO-252
TO-252
TO-251
TO-252
TO-220F1
TO-220F2
TO-252
TO-252
TO-220F1
TO-220F1
TO-220F2
TO-220F
TO-220F1
TO-247
TO-247
TO-263
TO-263
TO-247
TO-247
TO-252
TO-220F1
TO-220F1
TO-220F2
TO-220F
TO-220F1
TO-247
TO-220F1
TO-220F2
TO-220F1
TO-220F2

POWERMOSFET List > Planar Power MOSFET(P-CH)

P-CH (有源方式)	VDS (V) (Range)	VGS (±V) (有源方式)	ID (A) (Range)	RDS(ON)MAX. (mΩ)atVGS=10V (Range)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)	Qg TYP. (nC)	Qgs TYP. (nC)	Qgd TYP. (nC)	VGS(th)(V)) MIN. (有源方式)	VGS(th)(V)) MAX. (有源方式)	Tr TYP. (nS)	Qrr TYP. (nC)	Package (有源方式)
UF9234	-55	±20	-12	175	350	170	92	52	6.6	12	-2	-4			TO-252 TO-252 TO-220 TO-220F1 TO-220F2
UF9234-F	-55	±20	-12	150	640	180	40	19.3	3	6	-2	-4	48	85	TO-220 TO-252
UF9234	-55	±20	-17	100	620	280	140	35.6	5.6	8.7	-2	-4	54	110	TO-220 TO-252
UPS305	-55	±20	-31	60	1497	411	90	37	10.4	7.2	-2	-4	71	170	TO-252 TO-220 TO-241
UT2955	-60	±20	-1.7	185	492	165	50	14.3	2.3	5.2	-2	-4	36	139	SO7-223 TO-252
UF01P10	-100	±20	-0.1	10000	76	16	5.5	6.4	1.6	0.6	-2	-4			SO7-23-3
UF02P10	-100	±20	-0.2	6000	85	43	17	6.8	2	1	-2	-4			SO7-23-3
UF96205	-100	±20	-6.8	600	390	170	45				-2	-4	98	330	TO-220F1
UF89120	-100	±20	-6.6	480	350	110	70				-2	-4	100	420	TO-252
12P10	-100	±30	-9.4	290	500	160	42	18	3	6	-2	-4	95	700	SO7-223 SO8-8 TO-251 TO-251 TO-251E TO-251E2 TO-251E4 TO-252 TO-252D TO-263 SO8-8
13P10	-100	±30	-13	250	280	175	3.6	92	6.4	9.2	-2	-4	115	500	TO-251
UP9530	-100	±20	-14	200	760	260	170				-2	-4	130	650	TO-251 TO-252 TO-220
16P10	-100	±30	-16	200	860	300	103	47	4.6	12.3	-2	-4	114	550	TO-252 TO-220
17P10-HC	-100	±20	-17	150	1250	450	130	38	4.2	13	-2	-4	75	250	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252 TO-252D
17P10-Q	-100	±30	-17	190	625	190	60	58	5.4	8	-2	-4	112	440	TO-252 TO-220
17P10	-100	±25	-17	180	1250	450	130	38	4.2	13	-2	-4	75	250	TO-220 TO-252 TO-220F TO-220F1 TO-220F2 TO-252D SO8-8
UT23P09	-100	±20	-23	117	1300	400	240				-2	-4	150	830	TO-220 TO-252
UPS210	-100	±20	-40	60	5300	550	110	85	22	18	-2	-4	170	700	TO-220 TO-220F
17P12	-120	±30	-17	220	1250	390	165	160	13	15	-2	-4	152	720	TO-220 TO-252
UF93P15	-150	±20	-0.3	6000	78	21	3.5	8.8	1.2	1.1	-2	-4			SO7-23
UF07P15	-150	±20	-0.7	3100	175	26	8.5	8.2	3.5	2.4	-2	-4			SO7-23
UF01P20	-200	±20	-0.1	16000	57	14	5	6.8	1.2	0.5	-2	-4			SO7-23-3
UF02P20	-200	±20	-0.2	10000	103	13	5	8.2	1	0.6	-2	-4			SO7-23-3
UF03P20	-200	±20	-0.3	9000	70	20	9	8.5	1.1	1	-2	-4			SO7-23
UF07P20	-200	±20	-0.7	4000				8	4	1.8	-2	-4			SO7-23
7P20	-200	±30	-5.7	690	590	140	25	19	4.6	9.5	-2	-4	180	1070	TO-252
UF9640	-200	±20	-11	500	1200	370	81				-2	-4	250	2900	TO-252 TO-220 TO-220F TO-220F4 TO-263
UF9640Z	-200	±20	-11	500	770	185	20	7	6.8	8.4	-2	-4	260	1600	TO-220F
7P30	-300	±30	-6	1200	1040	360	70	23.1	7.1	12.9	-2	-4.5	155	930	TO-220 TO-252 TO-220F1
02P35Z	-350	±20	-0.2	15000	77	17.7	4	8.4	1.92	0.9	-1	-2.5			SO7-23
1P40	-400	±30	-1	11600	158	35	5	7	2.2	1.5	-2	-4	150	885	TO-252 SO7-223
2P40	-400	±30	-2	6100	330	60	9	11.6	2.6	3.1	-2	-4	196	1700	TO-252 SO7-223
1P50	-500	±30	-1	14000	165	34	5.2	15	2	3	-2	-4	150	850	TO-252 SO7-223
2P50	-500	±30	-2	8500	343	59	9	11.5	2.8	3.2	-2	-4	200	1800	TO-252 SO7-223 TO-263
4P50H	-500	±30	-4	5500	576	85	10	52	5.2	8.4	-3	-5	230	2200	TO-252
4P50	-500	±30	-4	4300	560	85	12	18.5	7	5.2	-2	-4	320	4100	TO-220 TO-252 TO-263

POWERMOSFET List > Depletion Mode MOSFET (N-CH/P-CH)

N-CH (沟道方式)	VDS (V) (Range)	VGS (±V) (沟道方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) VGS=0V (Range)	CissTYP. [pF]atVGS =0V	CrssTYP. [pF]atVGS =0V	QgTYP.[nC]	QgtestVGS	VGS(th)(V) MIN. (沟道方式)	VGS(th)(V) MAX. (沟道方式)	PD(W)	RthJA(°C/W)	Package (沟道方式)
UDF005N07	70	±30	0.05	50	1.44	2.3			-4	-10	0.2	625	SOT-23-3
UDF008N07	70	±30	0.08	32	1.48	2.3			-4	-10	0.3	416	SOT-23-3
UDF010N07	70	±30	0.1	20	1.4	2.4			-4	-10	0.3	416	SOT-23-3
UDF015N07	70	±30	0.15	16	1.5	2.3			-4	-10	0.3	416	SOT-23-3
UDF020N07	70	±30	0.2	15	1.54	2.3			-4	-10	0.32	390	SOT-23-3
UDF030N07	70	±30	0.3	12	1.55	2.3			-4	-10	0.32	390	SOT-23-3
BSS169	100	±25	0.17	30	28	8	3	VGS=-3~7V	-2	-4	0.2	625	SOT-89 SOT-23-3 SOT-23
UDF004N15	150	±30	0.04	100	1.4	2.6			-13	-21	0.2	625	SOT-23-3
UDF008N15	150	±30	0.08	45	1.5	2.2			-13	-21	0.25	500	SOT-23-3
UDF012N15	150	±30	0.12	35	1.4	2.3			-13	-21	0.3	416	SOT-23-3
UDF015N15	150	±30	0.15	25	1.45	2.5			-13	-21	0.3	416	SOT-23-3
UDF018N15	150	±30	0.18	23	1.5	2.3			-13	-12	0.3	416	SOT-23-3
UDF020N15	150	±30	0.2	22	1.5	2.4			-13	-21	0.3	416	SOT-23-3
UF601Q	600	±20	0.185	700	15	3	7.6	VGS=-5V~5V	-1	-3	0.5	250	SOT-23 SOT-23-3
UF601ZQ	600	±20	0.185	700	12.4	4.3	0.144	-5~5	-1	-3	0.5	250	SOT-23-3
UF601	600	±20	0.185	120	53	2.6	7.6	VGS=-5V~5V	-1	-3	0.8	150	SOT-23 SOT-223
UDF015N120	1200	±20	0.15	500					-2	-4.5	0.625	200	SOT-223 TO-92
UDF020N120	1200	±20	0.2	300					-2	-4.5	0.625	200	SOT-223 TO-92
UDF025N120	1200	±20	0.25	200					-2	-4.5	0.625	200	SOT-223 TO-92
UDF030N120	1200	±20	0.3	100					-2	-4.5	0.625	200	SOT-223 TO-92
UDF015N120V	1200	±20	0.15	500					-1	-3	0.625	200	SOT-223 TO-92
UDF015N120M	1200	±20	0.15	500					-4.5	-7	0.625	200	SOT-223 TO-92
UDF020N120V	1200	±20	0.2	300					-1	-3	0.625	200	SOT-223 TO-92
UDF025N120V	1200	±20	0.25	200					-1	-3	0.625	200	SOT-223 TO-92
UDF030N120V	1200	±20	0.3	100					-1	-3	0.625	200	SOT-223 TO-92
UDF020N120M	1200	±20	0.2	300					-4.5	-7	0.625	200	SOT-223 TO-92
UDF025N120M	1200	±20	0.25	200					-4.5	-7	0.625	200	SOT-223 TO-92
UDF030N120M	1200	±20	0.3	100					-4.5	-7	0.625	200	SOT-223 TO-92
UDF015N150	1500	±20	0.15	700					-2	-4.5	0.625	200	SOT-223 TO-92
UDF015N150V	1500	±20	0.15	700					-1	-3	0.625	200	SOT-223 TO-92
UDF015N150M	1500	±20	0.15	700					-4.5	-7	0.625	200	SOT-223 TO-92
UDF020N150	1500	±20	0.2	500					-2	-4.5	0.625	200	SOT-223 TO-92
UDF020N150V	1500	±20	0.2	500					-1	-3	0.625	200	SOT-223 TO-92

UDF025N150	1500	±20	0.25	300						-2	-4.5	0.625	200	SOT-223 TO-92
UDF025N150V	1500	±20	0.25	300						-1	-3	0.625	200	SOT-223 TO-92
UDF030N150	1500	±20	0.3	200						-2	-4.5	0.625	200	SOT-223 TO-92
UDF030N150V	1500	±20	0.3	200						-1	-3	0.625	200	SOT-223 TO-92
UDF020N150M	1500	±20	0.2	500						-4.5	-7	0.625	200	SOT-223 TO-92
UDF025N150M	1500	±20	0.25	300						-4.5	-7	0.625	200	SOT-223 TO-92
UDF030N150M	1500	±20	0.3	200						-1	-2	0.625	200	SOT-223 TO-92

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
04NM50	single	500	±30	0.4	12	2.5	4.5	30	25	7.5
08NM50	single	500	±30	0.8	9	2.5	4.5	38	35	8
1NM50-S	single	500	±30	1	5	2.5	4.5	64	45	8
1NM50	single	500	±30	1	4.5	2.5	4.5	82	73	12
2NM50-S	single	500	±30	2	2.9	2.5	4.5	167	85	13
2NM50	single	500	±30	2	2.1	2.5	4.5	135	120	21
3NM50	single	500	±30	3	1.8	2.5	4.5	155	137	25
4NM50	single	500	±30	4	1.3	2.5	4.5	215	175	27
5NM50A	single	500	±30	5	1.08	2.5	4.5	300	175	25
6NM50	single	500	±30	6	0.9	2.5	4.5	295	200	40
7NM50	single	500	±30	7	0.55	2.5	4.5	530	425	40
8NM50	single	500	±30	8	0.49	2.5	4.5	460	430	62
9NM50-S	single	500	±30	9	0.43	2.5	4.5	65.2	460	62
9NM50	single	500	±30	9	0.4	2.5	4.5	600	550	90
10NM50	single	500	±30	10	0.35	2.5	4.5	620	480	56
11NM50	single	500	±30	11	0.32	2.5	4.5	755	630	62
13NM50-U2	single	500	±30	13	0.4	2.5	4.5	650	570	75
15NM50	single	500	±30	15	0.35	2.5	4.5	625	330	15
15NM50-U2	single	500	±30	15	0.35	2.5	4.5	755	270	106
18NM50-U2	single	500	±30	18	0.28	2.5	4.5	920	800	110
20NM50	single	500	±30	20	0.24	2.5	4.5	1090	880	120

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾選方式)	Configurati on (勾選方式)	VDSS (V) (Range)	VGS (±V) (勾選方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾選方式)	VGS(th)(V) MAX. (勾選方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
21NM50	single	500	±30	21	0.22	2.5	4.5	1030	850	78
22NM50	single	500	±30	22	0.15	2.5	4.5	1440	1385	119
24NM50	single	500	±30	24	0.125	2.5	4.5	2260	1550	140
30NM50	single	500	±30	30	0.09	2.5	4.5	2500	2225	303
60NM50	single	500	±30	60	0.055	2.5	4.5	4450	3400	41
02NM60	single	600	±30	0.2	17	2.5	4.5	26	18	4
05NM60	single	600	±30	0.5	13.2	2.5	4.5	39	24	4
08NM65-V	single	600	±30	0.8	7.3	1	3	67	45	4
08NM60	single	600	±30	0.8	6.15	2.5	4.5	84	45	7
1NM60-FDQ	single	600	±30	1	4.8	2.5	4.5	83	62.3	8.2
1NM60-Q	single	600	±30	1	4.6	2.5	4.5	83	62	8
1NM60-FD	single	600	±30	1	3.8	2.5	4.5	112	88.5	10.7
1NM60	single	600	±30	1	3.5	2.5	4.5	113	79	8.5
2NM60-Q	single	600	±30	2	3.1	2.5	4.5	128	95	11
2NM60	single	600	±30	2	2.5	2.5	4.5	167	142	18
3NM60	single	600	±30	3	1.86	2.5	4.5	222	148	15
4NM60-U2	single	600	±30	4	1.8	2.5	4.5	218	159	13
4NM60A	single	600	±30	4	1.5	2.5	4.5	256	165	16
5NM60A-U2	single	600	±30	5	1.25	2.5	4.5	230	179	16
5NM60-U2	single	600	±30	5	1.15	2.5	4.5	243	205	23
5NM60	single	600	±30	5	1.08	2.5	4.5	330	165	20

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
6NM60-S	single	600	±30	6	1.4	2.5	4.5	255	179	24
6NM60-Q	single	600	±30	6	1.08	2.5	4.5	330	165	20
7NM60-Q	single	600	±30	7	1.1	2.5	4.5	330	165	20
7NM60	single	600	±30	7	0.95	2.5	4.5	424	348	35
7NM60-U2	single	600	±30	7	0.93	2.5	4.5	337	267	22
8NM60-FD	single	600	±30	8	0.82	2.5	4.5	452	381	43
8NM60-U2	single	600	±30	8	0.8	2.5	4.5	420	318	33
8NM60	single	600	±30	8	0.75	2.5	4.5	462	351	33
8NM60A	single	600	±30	8	0.65	2.5	4.5	510	370	46
8NM60A-FD	single	600	±30	8	0.64	2.5	4.5	497	518	59
9NM60-S	single	600	±30	9	0.64	2.5	4.5	540	90	7
9NM60-FDS	single	600	±30	9	0.6	2.5	4.5	540	430	45
9NM60	single	600	±30	9	0.56	2.5	4.5	590	530	57
9NM60-FD	single	600	±30	9	0.58	2.5	4.5	580	460	52
10NM60-U2	single	600	±30	10	0.55	2.5	4.5	650	820	100
10NM60	single	600	±30	10	0.48	2.5	4.5	588	337	23
11NM60	single	600	±30	11	0.42	2.5	4.5	595	600	39
11NM60-U2	single	600	±30	11	0.5	2.5	4.5	670	520	50
13NM60	single	600	±30	13	0.42	2.5	4.5	760	600	65
15NM60-U2	single	600	±30	15	0.38	2.5	4.5	920	700	68
15NM60	single	600	±30	15	0.35	2.5	4.5	1140	746	50

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
16NM60	single	600	±30	16	0.32	2.5	4.5	975	150	8.2
18NM60	single	600	±30	18	0.3	2.5	4.5	1100	750	65
20NM60	single	600	±30	20	0.21	2.5	4.5	1300	145	5
21NM60	single	600	±30	21	0.19	2.5	4.5	1600	1200	120
24NM60	single	600	±30	24	0.16	2.5	4.5	2000	1100	110
30NM60	single	600	±30	30	0.13	2.5	4.5	2520	1580	103
50NM60	single	600	±30	50	0.085	2.5	4.5	3900	2850	220
60NM60	single	600	±30	60	0.065	2.5	4.5	4900	2730	128
75NM60	single	600	±30	75	0.055	2.5	4.5	4500	2050	3.7
7NM64	single	640	±25	5	0.95	1	3	250	180	20
02NM65-FD	single	650	±30	0.2	19	1	3	26	20	3
02NM65	single	650	±30	0.2	17	2.5	4.5	30	18	4.5
05NM65-V	single	650	±30	0.5	15	1	3	37	26	3
05NM65-FD	single	650	±30	0.5	14	2.5	4.5	36	30	4
05NM65	single	650	±30	0.5	13	2.5	4.5	38	24	4
08NM65-FD	single	650	±30	0.8	7.3	1	3	65	47	5
08NM65	single	650	±30	0.8	6.15	2.5	4.5	67	41	6
1NM65-Q	single	650	±30	1	4.6	2.5	4.5	89	51	5.5
1NM65-FD	single	650	±30	1	4.6	2.5	4.5	115	105	10
1NM65-FDQ	single	650	±30	1	4.6	2.5	4.5	84	72	7
1NM65	single	650	±30	1	3.5	2.5	4.5	117	66	7

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
2NM65-Q	single	650	±30	2	3.1	2.5	4.5	135	90	10
2NM65-FDQ	single	650	±30	2	3	2.5	4.5	130	110	10
2NM65-FD	single	650	±30	2	2.6	2.5	4.5	150	140	12
2NM65	single	650	±30	2	2.52	2.5	4.5	156	35	2.1
3NM65	single	650	±30	3	2.15	2.5	4.5	210	160	16
4NM65-U2	single	650	±30	4	2.1	2.5	4.5	220	170	16
3NM65-FD	single	650	±30	3	2	2.5	4.5	210	170	20
4NM65A-FD	single	650	±30	4	1.6	2.5	4.5	250	220	20
5NM65-SAQ	single	650	±30	5	1.6	2.5	4.5	241	140	15
5NM65-U2	single	650	±30	5	1.5	2.5	4.5	260	140	20
5NM65Z-U2	single	650	±20	5	1.5	2.5	4.5	280	160	20
4NM65A	single	650	±30	4	1.44	2.5	4.5	250	184	17
4NM65	single	650	±30	4	1.4	2.5	4.5	255	179	24
6NM65-S	single	650	±30	6	1.4	2.5	4.5	255	179	24
5NM65	single	650	±30	5	1.2	2.5	4.5	345	240	30
6NM65	single	650	±30	6	1.6	2.5	4.5	430	78	16
6NM65-Q	single	650	±30	6	1.2	2.5	4.5	330	190	20
6NM65-FDQ	single	650	±30	6	1.2	2.5	4.5	340	280	30
7NM65-Q	single	650	±30	7	1.1	2.5	4.5	330	165	20
7NM65-U2	single	650	±30	7	1	2.5	4.5	337	267	22
7NM65-FD2	single	650	±30	7	1	2.5	4.5	350	300	30

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
7NM65	single	650	±30	7	0.9	2.5	4.5	430	250	22
7NM65Z	single	650	±20	7	1.4	2.5	5	610	75	16
8NM65-FD	single	650	±30	8	1	2.5	4.5	450	346	41
8NM65-U2	single	650	±30	8	0.9	2.5	4.5	422	336	32
8NM65A-FD	single	650	±30	8	0.83	2.5	4.5	494	380	35
8NM65	single	650	±30	8	0.75	2.5	4.5	330	248	3.5
8NM65A	single	650	±30	8	0.72	2.5	4.5	472	279	22
9NM65-FDS	single	650	±30	9	0.72	2.5	4.5	555	455	40
9NM65-FD	single	650	±30	9	0.65	2.5	4.5	590	500	45
9NM65-S	single	650	±30	9	0.64	2.5	4.5	510	350	226
9NM65-V	single	650	±30	9	0.62	1	3	810	365	25
9NM65-VS	single	650	±30	9	0.62	2	4	620	480	38
9NM65	single	650	±30	9	0.58	2.5	4.5	600	397	35
9NM65Z	single	650	±20	9	1.1	2.5	4.5	400	39	5.5
10NM65-U2	single	650	±30	10	0.58	2.5	4.5	610	500	40
10NM65-FD	single	650	±30	10	0.55	2.5	4.5	660	570	50
10NM65	single	650	±30	10	0.55	2.5	4.5	610	400	35
11NM65-U2	single	650	±30	11	0.6	2.5	4.5	650	420	30
11NM65	single	650	±30	11	0.43	2.5	4.5	770	580	52
13NM65	single	650	±30	13	0.43	2.5	4.5	780	500	30
15NM65-U2	single	650	±30	15	0.43	2.5	4.5	940	85	4

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
15NM65	single	650	±30	15	0.35	2.5	4.5	1100	870	96
16NM65	single	650	±30	16	0.36	2.5	4.5	940	124	5.5
18NM65	single	650	±30	18	0.33	2.5	4.5	1115	134	4.9
20NM65	single	650	±30	20	0.24	2.5	4.5	1300	145	5
21NM65	single	650	±30	21	0.22	2.5	4.5	1500	130	3.6
24NM65	single	650	±30	24	0.16	2.5	4.5	1980	1200	100
30NM65	single	650	±30	30	0.14	2.5	4.5	2575	1435	85
60NM65	single	650	±30	60	0.065	2.5	4.5	5000	2700	190
02NM70	single	700	±30	0.2	19.2	2.5	4.5	26	17	5
05NM70	single	700	±30	0.5	14.4	2.5	4.5	40	22	5
08NM70	single	700	±30	0.8	7.2	2.5	4.5	73	31	5
1NM70-Q	single	700	±30	1	5.4	2.5	4.5	83	37	5
1NM70-S	single	700	±30	1	4.3	2.5	4.5	116	62	8
1NM70-V	single	700	±30	1	3.5	2.5	4.5	124.7	69.4	6.2
2NM70-QFD	single	700	±30	2	4	2.5	4.5	130	90	10
1NM70	single	700	±30	1	3.9	2.5	4.5	77	78.5	7.5
2NM70-Q	single	700	±30	2	3.3	2.5	4.5	125	85	10
2NM70	single	700	±30	2	3	2.5	4.5	150	73	12
2NM70-FD	single	700	±30	2	3	2.5	4.5	150	130	15
3NM70	single	700	±30	3	2.28	2.5	4.5	146	131	16
4NM70-U2	single	700	±30	4	2.2	2.5	4.5	215	150	15

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
4NM70A	single	700	±30	4	1.8	2.5	4.5	275	130	17
5NM70M1-U2	single	700	±30	5	1.5	2.5	4.5	280	135	18
5NM70A-U2	single	700	±30	5	1.8	2.5	4.5	250	150	14
5NM70Z-U2	single	700	±20	5	1.6	2.5	4.5	295	150	14
5NM70-FD	single	700	±30	5	1.6	2.5	4.5	240	130	16
5NM70A-FD	single	700	±30	5	1.55	2.5	4.5	255	154	17
5NM70A	single	700	±30	5	1.5	2.5	4.5	286	150	15
5NM70	single	700	±30	5	1.3	2.5	4.5	360	270	6
5NM70-U2	single	700	±30	5.4	1.5	2.5	4.5	280	135	18
6NM70-S	single	700	±30	6	1.7	2.5	4.5	260	120	17
6NM70-Q	single	700	±30	6	1.44	2.5	4.5	330	215	20
7NM70-U2	single	700	±30	7	1.35	2.5	4.5	350	203	18
7NM70	single	700	±30	7	1	2.5	4.5	400	223	23
8NM70-U2	single	700	±30	8	0.95	2.5	4.5	1055	254	21
8NM70-FD	single	700	±30	8	0.9	2.5	4.5	430	260	38
8NM70	single	700	±30	8	0.85	2.5	4.5	460	275	19
8NM70A	single	700	±30	8	0.7	2.5	4.5	451	260	25
9NM70-FDS	single	700	±30	9	0.8	2.5	4.5	557	508	52
9NM70-SFD	single	700	±30	9	0.7	2.5	4.5	541.1	373.6	2.5
9NM70-S	single	700	±30	9	0.65	2.5	4.5	560	360	35
9NM70	single	700	±30	9	0.7	2.5	4.5	620	240	19

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
9NM70Z	single	700	±20	9	1.2	2.5	4.5	400	37	4.8
10NM70-FD2	single	700	±30	10	0.73	2.5	4.5	587	423	47
10NM70-U2	single	700	±30	10	0.69	2.5	4.5	620	239	20
10NM70	single	700	±30	10	0.6	2.5	4.5	660	400	35
11NM70-FD2	single	700	±30	11	0.66	2.5	4.5	668	513	51
11NM70-U2	single	700	±30	11	0.6	2.5	4.5	600	55	4
11NM70M1-U2	single	700	±30	11	0.6	2.5	4.5	600	55	4
11NM70	single	700	±30	11	0.58	2.5	4.5	750	450	40
13NM70	single	700	±30	13	0.55	2.5	4.5	850	220	12
15NM70	single	700	±30	15	0.5	2.5	4.5	960	685	30
15NM70-U2	single	700	±30	15	0.45	2.5	4.5	933.7	594.7	52.8
16NM70	single	700	±30	16	0.38	2.5	4.5	1000	630	70
18NM70	single	700	±30	18	0.35	2.5	4.5	1127	794	71
20NM70	single	700	±30	20	0.26	2.5	4.5	1350	102.2	87.2
21NM70	single	700	±30	21	0.24	2.5	4.5			
24NM70	single	700	±30	24	0.19	2.5	4.5	2000	1280	110
30NM70	single	700	±30	30	0.17	2.5	4.5	2400	1900	125
50NM70	single	700	±30	50	0.1	2.5	4.5	3200	1660	20
60NM70	single	700	±30	60	0.08	2.5	4.5	4520	2400	10
75NM70	single	700	±30	75	0.07	2.5	4.5	5000	2500	7
2NM80	single	800	±30	2	3.7	2.5	4.5	270	85	8

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
3NM80	single	800	±30	3	2.88	2.5	4.5	260	110	9
4NM80	single	800	±30	4	2.52	2.5	4.5	250	100	7
4NM80A	single	800	±30	4	2.04	2.5	4.5	320	135	9
4NM80AZ	single	800	±20	4	2.1	2.5	4.5	365	125	6
4NM80Z-U2	single	800	±20	4	2	2.5	4.5	288	216	19
5NM80	single	800	±30	5	1.62	2.5	4.5	430	230	11
5NM80-Q	single	800	±30	5	1.5	2.5	4.5	330	50	3
6NM80-Q	single	800	±30	6	1.25	2.5	4.5	460	290	26
7NM80-Q	single	800	±30	7	1.1	2.5	4.5	505	427	28
8NM80-Q	single	800	±30	8	0.75	2.5	4.5	760	465	41
10NM80	single	800	±30	10	0.6	2.5	4.5	930	440	16
12NM80	single	800	±30	12	0.42	2.5	4.5	1255	550	21
13NM80	single	800	±30	13	0.35	2.5	4.5	1600	1000	30
13NM80M1	single	800	±30	13	0.35	2.5	4.5	1600	850	60
17NM80	single	800	±30	17	0.35	2.5	4.5	1600	121	6
17NK80Z	single	800	±20	17	0.33	3	5	6450	580	57
24NM80-Q	single	800	±30	24	0.23	2.5	4.5	1880	235	4.5
30NM80-Q	single	800	±30	30	0.19	2.5	4.5	2465.9	2043.6	102
2NM90	single	900	±30	2	5.3	2.5	4.5	205	100	5
3NM90	single	900	±30	3	4.9	2.5	4.5	235	110	6
4NM90	single	900	±30	4	4.1	2.5	4.5	280	125	7

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾选方式)	Configurati on (勾选方式)	VDSS (V) (Range)	VGS (±V) (勾选方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾选方式)	VGS(th)(V) MAX. (勾选方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
4NM90A	single	900	±30	4	3.2	2.5	4.5	310	105	5
5NM90	single	900	±30	5	2.5	2.5	4.5	380	160	8
6NM90	single	900	±30	6	1.9	2.5	4.5	500	165	4
7NM90	single	900	±30	7	1.4	2.5	4.5	600	160	1.7
8NM90	single	900	±30	8	1.2	2.5	4.5	740	275	8
10NM90	single	900	±30	10	1	2.5	4.5	840	240	4
12NM90	single	900	±30	12	0.7	2.5	4.5	1230	820	30
13NM90	single	900	±30	13	0.5	2.5	4.5	1650	390	0.3
15NK90Z	single	900	±20	15	0.4	3	5	6530	532	52
30NM90-Q	single	900	±30	30	0.3	2.5	4.5	2600	140	1.8
6NM95	single	950	±30	6	1.9	2.5	4.5	500	165	7
9NM95-Q	single	950	±30	9	1.2	2.5	4.5	740	275	8
15NK95Z	single	950	±20	15	0.43	3	5	6780	507	42
10NM100	single	1000	±30	10	0.9	2.5	4.5	958	54	2.8
13NM100	single	1000	±30	13	0.6	2.5	4.5	1300	72	3.5
2NM120	single	1200	±30	2	5	2.5	4.5	245	20	2.3
3NM120	single	1200	±30	3	3.5	2.5	4.5	344	25	2.4
3NM120-Q	single	1200	±30	3	4	2.5	4.5	290	22	2.3
4NM120	single	1200	±30	4	2.6	2.5	4.5	420	28	2.5
5NM120	single	1200	±30	5	2.1	2.5	4.5	535	33	2.5
6NM120	single	1200	±30	6	1.7	2.5	4.5	665	40	2.7
7NM120	single	1200	±30	7	1.4	2.5	4.5	800	45	2.7
8NM120	single	1200	±30	8	1.2	2.5	4.5	950	53	2.9
10NM120	single	1200	±30	10	0.84	2.5	4.5	1295	66	2.9
12NM120	single	1200	±30	12	0.69	2.5	4.5	1680	95	5
D1NM70	dual	700	±30	1	4.5	2.5	4.5	121.3	108.3	11.4

SUPER JUNCTION MOSFET List > Super Junction MOSFET

PartNo. (勾選方式)	Configurati on (勾選方式)	VDSS (V) (Range)	VGS (±V) (勾選方式)	ID (A) (Range)	RDS(ON) MAX.(Ω) _a tVGS=10 V (Range)	VGS(th)(V) MIN. (勾選方式)	VGS(th)(V) MAX. (勾選方式)	CISS TYP. (pF)	COSS TYP. (pF)	CRSS TYP. (pF)
D1NM70-Q	dual	700	±30	1	6.5	2.5	4.5	90.1	71.8	9

Package (勾选方式)
SOT-223
SOT-223
TO-252 TO-220F1
TO-252
TO-252 TO-220F1
TO-252
TO-252
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-252 TO-220F TO-220F1 TO-220F2 TO-251
TO-252 TO-220F1
TO-252 TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-252 TO-220F1
TO-220F1
TO-251 TO-252 TO-262 TO-263 TO-220F1
TO-220F1
TO-251 TO-252 TO-262 TO-263 TO-220
TO-251 TO-252 TO-262 TO-263 TO-220F1
TO-220 TO-220F1 TO-220F3 TO-247 TO-252

Package (勾选方式)
TO-220 TO-220F TO-220F1 TO-220F2 TO-247
TO-220 TO-220F TO-220F1 TO-220F2
TO-220F2 TO-220F1 TO-247
TO-220F2
TO-247
SOT-223 SOT-89 TO-92
SOT-223 SOT-89 TO-92
TO-252
SOT-223 SOT-89 TO-92
TO-92
SOT-223 TO-251 TO-252
TO-92
SOT-223 TO-251 TO-252
SOT-223 TO-251 TO-252 TO-220F1
SOT-223 TO-251 TO-252 TO-126 TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220F1
TO-251 TO-251S TO-252 TO-220 TO-220F
TO-251 TO-251S TO-252 TO-220 TO-220F1
TO-251 TO-252 TO-220 TO-220F1 SOT-223
SOT-223 TO-251 TO-252 TO-220F1

Package (勾选方式)
TO-251 TO-252 TO-220F TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220F1 PDFN5×6
TO-251 TO-251S TO-251S2 TO-252 TO-220F1
TO-252
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220F1 TO-263
TO-252
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-252
TO-252 TO-251 TO-263 TO-220 TO-220F
TO-252
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-263 TO-220 TO-220F
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-263 TO-220 TO-220F
TO-251 TO-252 TO-263 TO-220 TO-220F

Package (勾选方式)
TO-220F1 TO-220F2
TO-252 TO-263 TO-220 TO-220F TO-220F1
TO-220 TO-220F1 TO-220F2 TO-247 TO-263
TO-263 TO-220 TO-220F TO-3P TO-220F1
TO-220 TO-220F TO-220F1 TO-220F2 TO-247
TO-220 TO-220F TO-220F1 TO-220F2 TO-247
TO-247
TO-247 TO-3P
TO-264
TO-252
TO-252
SOT-89 SOT-223 TO-92
TO-252
TO-252
SOT-89 SOT-223 TO-92
TO-252
SOT-89 SOT-223 TO-92
SOT-223 TO-251
TO-92
TO-92
SOT-223 TO-251

Package (勾选方式)
SOT-223 TO-251 TO-252 TO-220F1
TO-252
TO-252
SOT-223 SOT-223-2 TO-126 TO-251 TO-252 TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-220F1
TO-252
TO-252
TO-251 TO-252 TO-220 TO-220F TO-220F1
SOT-223 TO-251
SOT-223-2
SOT-223-2 SOT-223 TO-251 TO-252 TO-220 TO-251 TO-251S TO-252 TO-220F TO-220F1
TO-251 TO-251S TO-252 TO-220F TO-220F1
TO-251 TO-252 TO-220F1
TO-252
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-252
TO-251 TO-252 TO-220F1
TO-251 TO-251S TO-251S2 TO-252 TO-220F1
TO-252

Package (勾选方式)
TO-251 TO-251S2 TO-252 TO-262 TO-263
TO-252
TO-251NS2 TO-252 TO-220F1
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-220F1 TO-252
TO-251 TO-251NS2 TO-252 TO-262 TO-263
TO-251 TO-252 TO-263 TO-220 TO-220F
TO-220F1 TO-252
TO-220F1 TO-252
TO-251 TO-252 TO-262 TO-263 TO-220
TO-220F1 TO-262
TO-220F1 TO-262
TO-251 TO-252 TO-263 TO-220 TO-220F
SOT-223-2
TO-251 TO-252 TO-262 TO-263 TO-220
TO-220F1 TO-252
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-251 TO-252 TO-262 TO-220 TO-220F
TO-251 TO-252 TO-262 TO-263 TO-220
TO-251 TO-252 TO-262 TO-263 TO-220
TO-251 TO-252 TO-262 TO-263 TO-220

Package (勾选方式)
TO-263 TO-262 TO-220 TO-220F TO-220F1
TO-220F1 TO-220F2
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-220F1 TO-220F2 TO-247 DFN8080-4
TO-220 TO-220F TO-220F1 TO-220F2 TO-220FJH
TO-220 TO-220F TO-220F1 TO-220F2 TO-247
TO-220 TO-220F1 TO-220F2 TO-247
TO-247 TO-3P
SOT-89 SOT-223 TO-92 TO-251
SOT-223 TO-92 TO-251
SOT-223 SOT-89 TO-92
SOT-223 TO-92 TO-251 TO-220F1
SOT-223 TO-92 TO-251 TO-220F1
TO-92
TO-251 TO-252 TO-220F1
TO-92
SOT-223 TO-251 TO-252 TO-220 TO-220F
SOT-223 TO-251 TO-252 TO-220 TO-220F
TO-251 TO-252 TO-220F1
SOT-223 TO-251 TO-252 TO-220 TO-220F
TO-251 TO-252 TO-220

Package (勾选方式)
TO-251 TO-252 TO-220 TO-220F TO-220F1
SOT-223-2
SOT-223 TO-251 TO-251S2 TO-251NS2 TO-251S4
SOT-223-2 SOT-223
SOT-223-2 SOT-223 TO-251S TO-252
SOT-223-2
SOT-223-2 TO-251S2
SOT-223 TO-251 TO-251S TO-251S2 TO-251NS2
SOT-223 SOT-223-2 TO-251 TO-251S TO-251S2
SOT-223 TO-251 TO-252 TO-220F TO-220F1
SOT-223 TO-251 TO-252 TO-220 TO-220F
SOT-223 TO-251S2 TO-220 TO-220F TO-220F1
TO-251 TO-251S2 TO-251NS2 TO-252 TO-220
TO-251S2 TO-252 TO-220 TO-220F TO-220F1
TO-251NS2
TO-251 TO-251S TO-251S2 TO-251S4 TO-251NS2
TO-251 TO-252 TO-220F1
TO-251S
TO-251S
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-220 TO-220F TO-220F1 TO-220F2 TO-220WF

Package (勾选方式)
SOT-223-2
TO-251S
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-220 TO-220F TO-220F1 TO-220F2 TO-251
TO-251S
TO-220 TO-220F TO-220F1 TO-251 TO-251S
TO-252
TO-251 TO-251S2 TO-252 TO-262 TO-262S
TO-251 TO-252 TO-263 TO-220 TO-220F
TO-251 TO-252 TO-263 TO-220 TO-220F
TO-251 TO-252 TO-220 TO-220F TO-220F1
TO-220F1 TO-220F2
TO-251 TO-251S2 TO-252 TO-263 TO-220
TO-220F1 TO-220F2 TO-247
TO-220F1 TO-220F2 DFN8080-4
TO-220F TO-220F1 TO-220F2 DFN8080-4
TO-220F TO-220F1 TO-220F2
TO-247
TO-247
TO-264
TO-251 TO-252 TO-220 TO-220F1 TO-220F2

Package (勾选方式)
TO-251 TO-252 TO-220 TO-220F1 TO-220F2
TO-251 TO-252 TO-220 TO-220F1 TO-220F2
TO-251 TO-252 TO-220 TO-220F1 TO-220F2
TO-220 TO-220F TO-220F1 TO-220F2 SOT-223-2
SOT-223-2
TO-251 TO-252 TO-220 TO-220F2 TO-220F1
TO-251 SOT-223-2
TO-252 TO-220F TO-251NS2
TO-252 TO-220F1
TO-252 TO-220F1
TO-251 TO-251S TO-252 TO-220 TO-220F
TO-220 TO-220F TO-220F1 TO-220F2 TO-262
TO-262 TO-220 TO-220F TO-220F1 TO-220F2
TO-220F
TO-220 TO-220F1 TO-247 TO-263
TO-247
TO-220F1 TO-247 TO-263
TO-220F1 TO-220F2 TO-263
TO-251S2 TO-252 TO-251 TO-220 TO-220F1
SOT-223 TO-251S2 TO-252 TO-251 TO-220
TO-251S2 TO-252 TO-251 TO-220 TO-220F1

**Package
(勾选方式)**

PDFN5×6

IGBT List > IGBT

PartNo. (勾選方式)	V_{CES} (V) (Range)	V_{GES} (V) (勾選方式)	IC (A) (Range)	$V_{CE(SAT)}$ (V)test VGE(V)	$V_{CE(SAT)}$ (V) MAX. (Range)	$V_{GE(th)}$ (V) MIN. (Range)	$V_{GE(th)}$ (V) MAX. (Range)	QG(nC) TYP.	Turnon/off Time TR(μ S) TYP.	Turnon/of fTime TF(μ S) TYP.	SeriesGate R1(Ω)	GateEmitter R2(K Ω)
UPGE85N33	330	± 30	170	15	1.9	3.5	6	60	0.025	0.29	-	-
UG15N41	380	± 15	15	4.5	2.2	1.2	1.7	-	0.7	4	70	10~26
UGV20N40	440	± 15	20	4.5	1.9	1.5	2.1	-	0.11	0.35	70	14.25~25
UGV3040	400	± 10	21	4.5	2.2	1.3	2.2	17	2.1	2.2	70	10~26
UGV3045	450	± 10	21	4.5	2.3	1.3	2.2	33	0.021	4.3	70	10~26
UPG9N60	600	± 20	18	15	2.6	4	6	35	0.019	0.051		
UPG10N60	600	± 20	20	15	2.3	4	6.5	53.1	0.0133	0.0844		
UPG5N65	650	± 20	10	15	2.3	4.5	6.5	36.6	0.0113	0.1725	-	-
UPG6N65	650	± 20	12	15	2.3	2	4	51.4	0.0136	0.1015		
UPG7N65	650	± 20	14	15	2.3	2	4	54	0.0136	0.1063		
UPG9N65	650	± 20	18	15	2.4	4	6	28	0.017	0.06		
UTG10N65-S	650	± 20	20	15	1.7	2.5	4.5	50.4	0.0121	0.1319		
UTG16N65-S	650	± 20	32	15	1.7	2.5	4.5	58	0.014	0.0898		
UTG20N65-S	650	± 20	40	15	1.8	2.5	6.5	53.5	0.0176	0.0824		
UTG25N65-S	650	± 20	50	15	1.7	4.5	6.5	63.9	0.0198	0.0766		
UTG28N65-S	650	± 20	56	15	1.7	2.5	6.5	87.3	0.019	0.0762		
UTG30N65-S	650	± 20	60	15	1.7	2.5	6.5	99.4	0.0191	0.0743		
UTG35N65-S	650	± 20	70	15	2	4.5	6.5	63.9	0.0198	0.0766		

UTG40N65-S	650	±20	80	15	1.7	2.5	6.5	134.7	0.0271	0.0612		
UTG45N65-S	650	±20	90	15	2	2.5	6.5	87.3	0.019	0.0762		
UTG50N65-S	650	±20	100	15	2	2.5	6.5	99.4	0.0191	0.0743		
UTG60N65-S	650	±20	120	15	2	2.5	6.5	134.7	0.0271	0.0612		
UTG70N65-S	650	±20	140	15	1.9	4.5	6.5	125.7	0.075	0.055		
UTG70N65FQ-S	650	±20	140	15	2.1	4.5	8.5	381.2	0.1592	0.053		
UTG75N65-S	650	±20	150	15	2	4.5	6.5	219	0.08	0.051		
UTG80N65-S	650	±20	160	15	1.7	4.5	6.5	219	0.083	0.044		
UPG5N120	1200	±20	10	15	2.25	4	6	45	0.12	0.068	-	-
UG5N120	1200	±20	21	15	2.7	6	-	53	0.36	0.12	-	-
UPG15N120	1200	±20	30	15	2.4	4	6	95	0.155	0.085	-	-
UPG20N120	1200	±20	40	15	2.6	4	6	105	0.19	0.081	-	-
UG11N120	1200	±20	43	15	2.4	5	-	100	0.012	0.19	-	-
UTG25N120	1200	±20	50	15	2.5	3.5	7.5	200	0.06	0.154	-	-
UPG25N120	1200	±20	50	15	2.8	4	6.5	126	0.027	0.075	-	-
UPG30N120	1200	±20	60	15	2.8	4.5	6.5	96	0.145	0.067	-	-
UPG40N120	1200	±20	80	15	2.7	4.5	6.5	169	0.151	0.13	-	-
UTG40N120	1200	±20	80	15	2.1	5	7.5	415	0.107	0.163	-	-
UTG40N120FQ-S	1200	±20	80	15	2.2	4.5	7.5	166.5	0.0509	0.199.2	-	-
UTG50N120FQ	1200	±20	100	15	2.2	4.5	7.5	178.8	0.0177	0.1979	-	-
UTG50N120-S	1200	±20	100	15	1.7	2.5	6.5	327	0.0309	0.2065	-	-
UPG50N120	1200	±25	100	15	2.6	3.5	7.5	230	0.037	0.134	-	-
UTG80N120-S	1200	±20	160	15	2.2	2.5	6.5	387.4	0.0447	0.161	-	-

Package (勾选方式)
TO-3P
TO-263 TO-252 TO-220
TO-220 TO-263 TO-220F1 TO-220F2 TO-262 TO-252
TO-252 TO-263 TO-220 TO-220F TO-251 TO-262
TO-262 TO-263 TO-252
TO-220F
TO-220F
TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252
TO-220 TO-220F
TO-220 TO-220F
TO-220F
TO-220 TO-220F1 TO-247 TO-263
TO-220F1 TO-220F TO-247 TO-263
TO-220F1
TO-220F1 TO-247
TO-220F1 TO-247
TO-220F1 TO-247
TO-220F1 TO-247

TRIAC List > TRIAC

PartNo. (符号方式)	V _{DRM} (V) (符号方式)	I _{T(RMS)} (A) (Range)	I _{CH} (A)	P _{GLAV} (W)	Off-state ID(Leakage) MAX.(mA)	On-state VT(V) MAX.	On-state VGT(V) MAX. (Range)	IGT(T2,G)MA X.mA (+,+) (符号方式)	IGT(T2,G)MA X.mA (+,-) (符号方式)	IGT(T2,G)MA X.mA (-,-) (符号方式)	IGT(T2,G)MA X.mA (-,+) (符号方式)	IH(mA) MAX.	TGT(μs) TYP.	Package (符号方式)
MAC97A6	400	0.6	1	0.1	0.1	1.9	2	5	5	5	7	10	2	SOT-89 TO-92 SOT-223
MAC97A8	600	0.6	1	0.1	0.1	1.9	2	5	5	5	7	10	2	SOT-89 TO-92 SOT-223
Z00607	600	0.8	1	0.1	0.1	1.5	1.3	5	5	5	7	5	-	TO-92 SOT-223SOT- 223-2
UZ0103	600 800	1	1	1	0.5	1.56	1.3	3	3	3	5	7	-	SOT-223 TO-92 SOT-89
UZ0107	600 800	1	1	0.1	0.5	1.6	1.3	5	5	5	10	10	-	SOT-223 TO-92 SOT-89
SM2L247	800	2	1.6	0.3	-	2	1.5	10	10	10	-	10	-	TO-220 TO-220FTO- 220F1
SM3G247	400	3	2	0.5	-	1.5	1.5	20	20	20	-	30	-	TO-220 TO-220F
SM3J247	600	3	2	0.5	-	1.5	1.5	20	20	20	-	30	-	TO-220 TO-220F
UCR2PM	800	2	1	0.1	-	2.1	2	10	10	10	-	-	-	TO-220 TO-220F
UBCR302	800	2	1	0.1	1	2.1	2	10	10	10	-	-	-	TO-220 TO-220FTO- 220F1
UBCR303	800	3	2	0.5	2	1.6	1.5	30	30	30	-	-	-	TO-220 TO-220FTO- 220F1
UBCR304	800	4	2	0.3	2	1.5	1.5	35	35	35	-	-	-	TO-220 TO-220FTO- 220F1
UBCR308	700	8	2	0.5	2	1.6	1.5	30	30	30	-	-	-	TO-220 TO-220FTO- 220F1
BTA04	400 600 700 800	4	4	1	0.75	1.65	1.5	5.0(T) 5.0(D) 10.0(S) 10.0(A)	5.0(T) 5.0(D) 10.0(S) 10.0(A)	5.0(T) 5.0(D) 10.0(S) 10.0(A)	5.0(T) 10.0(D) 10.0(S) 25.0(A)	15.0(T) 15.0(D) 25.0(S) 25.0(A)	2	TO-220F TO-220F1
BTA304A	600 800	4	4	1	0.75	1.65	1.5(SW) 1.3(CW)	10(SW) 35(CW)	10(SW) 35(CW)	10(SW) 35(CW)	-	15.0(SW) 35.0(CW)	2	TO-220F
BTA06	600 800	6	4	1	1	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220F
BTA306A	600 800	6	4	1	1	1.55	1.3	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	-	10.0(TW) 15.0(SW) 35.0(CW) 50.0(BW)	-	TO-220F
BTA308A	600 800 1000	8	4	1	1	1.55	1.3	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	-	10.0(TW) 15.0(SW) 35.0(CW) 50.0(BW)	-	TO-220F TO-220F1
BTA08	600 800	8	4	1	1	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220FTO- 220F1
BTA10	600 800	10	4	1	1	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220F
BTA310A	600 800	10	4	1	1	1.55	1.3	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	-	35.0(CW) 50.0(BW)	-	TO-220F
BTA12	600 800	12	4	1	1	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220F
BTA312A	600 800	12	4	1	1	1.55	1.3	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	-	10.0(TW) 15.0(SW) 35.0(CW) 50.0(BW)	-	TO-220ATO- 220FTO-220F1
BTA16	600 800	16	4	1	2	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220F
BTA18A	600 800	16	4	1	2	1.55	1.3	10.0(SW) 35.0(CW) 50.0(BW)	10.0(SW) 35.0(CW) 50.0(BW)	10.0(SW) 35.0(CW) 50.0(BW)	-	15.0(SW) 35.0(CW) 50.0(BW)	-	TO-220FTO- 220F1
BTA320A	600 700	20	4	1	3	1.7	1.5	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	-	50.0(CW) 75.0(BW)	-	TO-220F
BTA324A	600 800	25	4	1	3	1.55	1.3	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	-	50.0(CW) 75.0(BW)	-	TO-220F
BTA25*	600 800	25	4	1	3	1.55	1.3	50	50	50	100	80	-	TO-220(Isolated) TO- 3P(Isolated)
BTB04	400 600 800	4	4	1	0.75	1.65	1.5	5.0(T) 5.0(D) 10.0(S) 10.0(A)	5.0(T) 5.0(D) 10.0(S) 10.0(A)	5.0(T) 5.0(D) 10.0(S) 10.0(A)	5.0(T) 10.0(D) 10.0(S) 25.0(A)	15.0(T) 15.0(D) 25.0(S) 25.0(A)	2	TO-220 TO-251 TO-252D TO-252D
BTB304A	400 600 800	4	4	0.5	0.75	1.65	1.5	10	10	10	-	25	2	TO-220 TO-251 TO-252 TO-252D
BTB06	600 800	6	4	1	1	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220
BTB306A	600 800	6	4	1	1	1.55	1.3	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	-	10.0(TW) 15.0(SW) 35.0(CW) 50.0(BW)	-	TO-220

TRIAC List > TRIAC

PartNo. (有源方式)	V _{DRM} (V) (有源方式)	I _{T(RMS)} (A) (Range)	I _{CH} (A)	P _{GM(V)} (W)	Off-state ID(Leakage) MAX.(mA)	On-state VT(V) MAX.	On-state VGT(V) MAX. (Range)	IGT(T2,G)MA X.mA (+,+) (有源方式)	IGT(T2,G)MA X.mA (+,-) (有源方式)	IGT(T2,G)MA X.mA (-,-) (有源方式)	IGT(T2,G)MA X.mA (-,+) (有源方式)	IH(mA) MAX.	TGT(μs) TYP.	Package (有源方式)
BTB08	600 800	8	4	1	1	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220
BTB308A	600 800 1000	8	4	1	1	1.55	1.3	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	-	10.0(TW) 15.0(SW) 35.0(CW) 50.0(BW)	-	PDFMS×6TO-220 TO-263 TO-252
BTB10	600 800	10	4	1	1	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220
BTB310A	600 800	10	4	1	1	1.55	1.3	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	-	35.0(CW) 50.0(BW)	-	TO-220
BTB12	600 800	12	4	1	1	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220 TO-263
BTB16	600 800	16	4	1	2	1.55	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	25.0(C) 50.0(B)	-	TO-220
BTB316A	600 800	16	4	1	2	1.55	1.3	10.0(SW) 35.0(CW) 50.0(BW)	10.0(SW) 35.0(CW) 50.0(BW)	10.0(SW) 35.0(CW) 50.0(BW)	-	15.0(SW) 35.0(CW) 50.0(BW)	-	TO-220 TO-263
BTB320A	600 700	20	4	1	3	1.7	1.5	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	-	50.0(CW) 75.0(BW)	-	TO-220
BTB25	600 800	25	4	1	3	1.55	1.3	50	50	50	100	80	-	TO-220
BTB24	600 800	25	4	1	3	1.55	1.3	50	50	50	100	80	-	TO-220
BTB324A	600 800	25	4	1	3	1.55	1.3	35(CW) 50(BW)	35(CW) 50(BW)	35(CW) 50(BW)	-	50 75	-	TO-220 TO-3P
BTB41	600 800	40	8	1	5	1.55	1.3	50	50	50	100	80	-	TO-247 TO-3P
U12J247	400 600	12	2	0.5	0.02	1.5	1.5	30	30	30	-	50	-	TO-220F
U12J247A	400 600	12	2	0.5	0.02	1.5	1.5	20	20	20	-	50	-	TO-220F
UCR316CM	400 600	16	2	0.5	2	1.5	1.5	30	30	30	-	50	-	TO-220 TO-220F
UCR316CMA	400 600	16	2	0.5	2	1.5	1.5	20	20	20	-	50	-	TO-220 TO-220F
UT131	500 600 800	1	2	0.5	0.5	1.5	1.5	3	3	5	7	5	2	TO-92 SOT-89 SOT-223
UT134E	500 600 800	4	2	0.5	0.5	1.7	1.5	10	10	10	25	15	2	TO-126
UT134F	500 600 800	4	2	0.5	0.5	1.7	1.5	25	25	25	70	15	2	TO-126 TO-220
UT134G	500 600 800	4	2	0.5	0.5	1.7	1.5	50	50	50	100	30	2	TO-126 TO-220
UT234D-6	600	4	2	0.5	0.5	1.5	1.5	5	5	5	10	6	2	TO-220 TO-252
UT234D-8	800													
UT136E	500 600 800	4	2	0.5	0.5	1.7	1.5	10	10	10	25	15	2	TO-220TO-252
UT136F	500 600 800	4	2	0.5	0.5	1.7	1.5	25	25	25	70	15	2	TO-220TO-252
UT136G	500 600 800	4	2	0.5	0.5	1.7	1.5	50	50	50	100	30	2	TO-220TO-252
UT136FE	500 600 800	4	2	0.5	0.5	1.7	1.5	10	10	10	25	15	2	TO-220F
UT136FF	500 600 800	4	2	0.5	0.5	1.7	1.5	25	25	25	70	15	2	TO-220F
UT136FG	500 600 800	4	2	0.5	0.5	1.7	1.5	50	50	50	100	30	2	TO-220
UT137E	500 600 800	8	2	0.5	0.5	1.65	1.5	10	10	10	25	20	2	TO-220 TO-252 TO-263
UT137F	500 600 800	8	2	0.5	0.5	1.65	1.5	25	25	25	70	20	2	TO-220
UT137G	500 600 800	8	2	0.5	0.5	1.65	1.5	50	50	50	100	40	2	TO-220
UT137FE	500 600 800	8	2	0.5	0.5	1.65	1.5	10	10	10	25	20	2	TO-220F

TRIAC List > TRIAC

PartNo. (有源方式)	V _{DRM} (V) (有源方式)	I _{T(RMS)} (A) (Range)	I _{GM} (A)	P _{GM(AV)} (W)	Off-state ID(Leakage) MAX.(mA)	On-state VT(V) MAX.	On-state VGT(V) MAX. (Range)	IGT(T2,G)MA X.mA (+,+) (有源方式)	IGT(T2,G)MA X.mA (+,-) (有源方式)	IGT(T2,G)MA X.mA (-,-) (有源方式)	IGT(T2,G)MA X.mA (-,+) (有源方式)	IH(mA) MAX.	TGT(μs) TYP.	Package (有源方式)
UT137FF	500 600 800	8	2	0.5	0.5	1.65	1.5	25	25	25	70	20	2	TO-220TO-220F
UT137FG	500 600 800	8	2	0.5	0.5	1.65	1.5	50	50	50	100	40	2	TO-220TO-220F
UT138E	500 600 800	12	2	0.5	0.5	1.65	1.5	10	10	10	25	30	2	TO-220 TO-263
UT138F	500 600 800	12	2	0.5	0.5	1.65	1.5	25	25	25	70	30	2	TO-220
UT138G	500 600 800	12	2	0.5	0.5	1.65	1.5	50	50	50	100	60	2	TO-220
UT138FE	500 600 800	12	2	0.5	0.5	1.65	1.5	10	10	10	25	20	2	TO-220F
UT138FF	500 600 800	12	2	0.5	0.5	1.65	1.5	25	25	25	70	30	2	TO-220F
UT138FG	500 600 800	12	2	0.5	0.5	1.65	1.5	50	50	50	100	60	2	TO-220F
UT139	600 800	16	2	0.5	0.5	1.6	1.5	35	35	35	70	30	2	TO-220
UT139E	600 800	16	2	0.5	0.5	1.6	1.5	10	10	10	25	30	2	TO-220
UT139F	600 800	16	2	0.5	0.5	1.6	1.5	25	25	25	70	30	2	TO-220
UT139G	600 800	16	2	0.5	0.5	1.6	1.5	50	50	50	100	60	2	TO-220
UT137	600 800	8	2	0.5	0.5	1.65	1.5	35	35	35	70	20	2	TO-220
BTB312A	600 800	12	4	1	1	1.55	1.3	5(T) 10(S) 35(C) 50(B)	5(T) 10(S) 35(C) 50(B)	5(T) 10(S) 35(C) 50(B)	-	10(T) 15(S) 35(C) 50(B)	-	TO-220 TO-263

SCR List > SCR

PartNo. (勾通方式)	V _{DRM} (V) (勾通方式)	I _{T(RMS)} (A) (Range)	I _{GH} (A)	P _{G(AV)} (W)	IDRM(μA) MAX.	V _{TM} (V) MAX.	V _{GT} (V) MAX. (Range)	IGT(mA) TYP. (Range)	IGT(mA) MAX.	I _H (mA) MAX.	I _L (mA) MAX.	TGD(TGT) (us) TYP.	TGD(TGT) (us) MAX.
2N6027	40	0.15	0.05	-	1000	1.6	-	-	-	-	-	-	-
PCR406	300 400	0.8	0.1	0.15	1	2.2	0.8	-	0.2	5	6	-	2.2
MCR08	200 600	0.8	-	0.01	10	1.7	0.8	-	0.2	5	-	1.25	-
MCR100	200 400 600	0.8	1	0.01	10	1.7	0.8	0.04	0.2	5	10	-	-
MCR101	200 400 600	0.8	1	0.1	10	1.7	0.8	0.04	0.2	5	10	-	-
BT169	200(B) 400(D) 500(E) 600(G) 800(H)	0.8	1	0.1	100	1.35	0.8	-	0.2	5	6	2	-
MCR106	400 600	4	0.2	0.1	10	2	1	-	0.2	5	-	-	-
US104S	400 600 800	4	1.2	0.2	5	1.6	0.8	-	0.2	5	6	-	-
US104N	400 600 800	4	1.2	0.2	5	1.6	1.3	-	15	30	60	-	-
US108S	400 600 800	8	4	1	5	1.6	0.8	-	0.2	5	6	-	-
US108N	400 600 800	8	4	1	5	1.6	1.3	-	15	30	70	-	-
US112S	400 600 800	12	4	1	5	1.6	0.8	-	0.2	5	6	-	-
US112N	400 600 800	12	4	1	5	1.6	1.3	-	15	30	60	-	-
CRO3AM-12	600	0.47	0.3	0.1	100	1.8	0.8	-	0.1	3	-	-	-
CRO3AM-16	800	0.47	0.3	0.1	100	1.8	0.8	-	0.1	3	-	-	-
X0202	600	1.25	1.2	0.2	5	1.45	0.8	-	0.2	5	6	-	-
X0202A	800	1.25	1.2	0.2	5	1.45	0.8	-	0.2	5	6	-	-
X0202B	1000	1.25	1.2	0.2	5	1.45	0.8	-	0.2	5	6	-	-
USS120	700	2	1	0.1	2	1.3	1	-	10	45	65	-	-
X0405	600 800	4	1.2	0.2	5	1.8	0.8	-	0.2	5	-	-	-
BT150	500 650 800	4	2	0.5	500	1.8	1.5	0.015	0.2	6	10	2	-
BT151	500 650 800	12	2	0.5	500	1.75	1.5	2	15	20	40	2	-
BT152	450 650 800	20	5	0.5	1000	1.75	1.5	3	32	60	80	2	-
US650	600	40	4	1	5	1.6	1.3	-	35	75	150	-	-

Package (勾选方式)
TO-92 SOT-89
TO-92
SOT-89 TO-92SOT-223
SOT-89 SOT-23 TO-92 SOT-223
TO-92
SOT-23 SOT-89 TO-92 SOT-223
TO-126 SOT-223 TO-126S TO-220F TO-220
TO-220F TO-220F1 TO-126 TO-220
TO-220F TO-220F1 TO-126 TO-220 TO-220F TO-252 TO-263-3
TO-220 TO-220F TO-252 TO-263-3
TO220 TO220F
TO220 TO220F
TO-92
TO-92 SOT-223
SOT-223 TO-92 SOT-223-2 TO-252
SOT-223-2 TO-92 TO-252 SOT-223
SOT-223-2 TO-92 TO-252
TO-220F
TO-220 TO-220F1 TO-252 SOT-223
TO-220
TO-252 TO-252D TO-220 TO-220F1
TO-220 TO-220F
TO-220

DIODE List > Trench MOS Schottky

PartNo. (勾選方式)	Configuration (勾選方式)	V _{RRM} (V) (Range)	I _{F(AV)} (A) (Range)	I _{FSM} (A)	V _{F(Max)} (V) (Range)	I _{R(MAX)} (uA)	Package (勾選方式)
TGBR5U40	Single	40	5	120	0.45	500	PDFN5×6
TGBR5L45	Single	45	5	90	0.58	300	TO-252
TGBR5V45	Single	45	5	150	0.55	500	TO-220 TO-277
TGBR5U45	Single	45	5	120	0.48	500	TO-252
TGBR15U45	Single	45	15	250	0.5	500	TO-252 TO-263 TO-277
TGBR10L45	Single	45	10	310	0.6	300	TO-277
TGBR10S45	Single	45	10	120	0.54	200	TO-220-2
TGBR10U45	Single	45	10	200	0.47	300	TO-263 TO-252 TO-220
TGBR20L45	Single	45	20	250	0.59	300	TO-220F TO-220F2
TGBR20S45	Single	45	20	200	0.52	300	R-6 TO-220
TGBR30L45	Single	45	30	200	0.63	300	TO-220F TO-220F2
TGBR30V45	Single	45	30	200	0.7	500	TO-220F TO-263
TGBR30S45	Single	45	30	200	0.65	500	TO-220 TO-220F
TGBR30U45	Single	45	30	260	0.55	300	TO-220 TO-220F
TGBR5L50	Single	50	5	90	0.55	300	TO-252
TGBR5V50	Single	50	5	100	0.56	300	TO-252
TGBR5S50	Single	50	5	100	0.5	500	TO-252
TGBR10S50	Single	50	10	120	0.56	200	TO-220-2
TGBR30S50	Single	50	30	360	0.6	300	TO-263
TGBR30U50	Single	50	30	380	0.56	50	TO-263
TGBR4L60	Single	60	4	25	0.52	150	PDFN3×3
TGBR5L60	Single	60	5	100	0.63	300	TO-252
TGBR5V60	Single	60	5	100	0.58	300	TO-252
TGBR5S60	Single	60	5	100	0.5	500	TO-252
TGBR5U60	Single	60	5	120	0.48	500	TO-252
TGBR10S60	Single	60	10	150	0.5	100	TO-220 TO-220F
TGBR20U60	Single	60	20	120	0.58	500	PDFN5×6
TGBR30L60	Single	60	30	220	0.65	300	TO-252 TO-252F1
TGBR30V60	Single	60	30	220	0.6	300	TO-220 TO-220F
TGBR10S80	Single	80	10	150	0.75	150	TO-251
TGBR20U80	Single	80	20	120	0.82	300	TO-252
TGBR30S80	Single	80	30	250	0.75	300	TO-220 TO-220F
TGBR3S100	Single	100	3	130	0.93	10.5	DO-201AD
TGBR5L100	Single	100	5	55	0.78	200	TO-220 TO-220F PDFN5×6
TGBR5V100	Single	100	5	150	0.64	300	DO-201AD
TGBR5S100	Single	100	5	150	0.6	300	DO-201AD TO-277 TO-232F1
TGBR10L100	Single	100	10	200	0.8	100	TO-220 TO-220F
TGBR10V100	Single	100	10	150	0.75	100	TO-220 TO-220F
TGBR10U100	Single	100	10	200	0.68	200	TO-220 TO-220F
TGBR15S100	Single	100	15	135	0.75	200	TO-220F1
TGBR20L100	Single	100	20	250	0.84	100	TO-220 TO-220F
TGBR20V100	Single	100	20	250	0.79	100	TO-220 TO-220F
TGBR30L100	Single	100	30	250	0.9	300	TO-220 TO-220F
TGBR10V150	Single	150	10	150	0.85	200	TO-220 TO-220F
TGBR10V200	Single	200	10	180	0.9	100	TO-220 TO-220F
TGBR10L45C	Dual	45	10	90	0.61	500	TO-220 TO-220F
TGBR10V45C	Dual	45	10	100	0.56	300	TO-220F TO-220F2

DIODE List > Trench MOS Schottky

TGBR10S45C	Dual	45	10	150	0.51	500	TO-220F
TGBR20L45C	Dual	45	20	150	0.64	500	TO-220F
TGBR20V45C	Dual	45	20	150	0.57	500	TO-220F
TGBR20S45C	Dual	45	20	180	0.52	500	TO-220F
TGBR20U45C	Dual	45	20	250	0.47	500	TO-220F1
TGBR30L45C	Dual	45	30	200	0.6	300	TO-220F
TGBR30V45C	Dual	45	30	100	0.55	100	TO-220F
TGBR30U45C	Dual	45	30	140	0.47	500	TO-220F
TGBR40V45C	Dual	45	40	280	0.55	500	TO-220F
TGBR10L50C	Dual	50	10	90	0.62	300	TO-220F
TGBR10V50C	Dual	50	10	120	0.57	300	TO-220F
TGBR20L50C	Dual	50	20	150	0.66	300	TO-220F
TGBR20V50C	Dual	50	20	150	0.55	500	TO-220F
TGBR30S50C	Dual	50	30	120	0.55	200	TO-220F
TGBR10L60C	Dual	60	10	90	0.63	300	TO-220F
TGBR10V60C	Dual	60	10	120	0.58	300	TO-220F
TGBR10S60C	Dual	60	10	180	0.53	500	TO-220F
TGBR10U60C	Dual	60	10	180	0.48	500	TO-220F
TGBR20L60C	Dual	60	20	150	0.64	300	TO-220F
TGBR20V60C	Dual	60	20	180	0.63	500	TO-220F
TGBR20S60C	Dual	60	20	130	0.54	500	TO-220F
TGBR20U60C	Dual	60	20	150	0.45	500	TO-220F
TGBR30L60C	Dual	60	30	200	0.6	500	TO-220F
TGBR40L60C	Dual	60	40	200	0.7	500	TO-220F
TGBR40V60C	Dual	60	40	250	0.65	500	TO-220F
TGBR40S60C	Dual	60	40	260	0.6	500	TO-220F
TGBR40U60C	Dual	60	40	270	0.55	500	TO-220F
TGBR20U80C	Dual	80	20	220	0.6	300	TO-220F
TGBR10V100C	Dual	100	10	110	0.72	100	TO-220F
TGBR10S100C	Dual	100	10	150	0.67	100	TO-220F
TGBR10U100C	Dual	100	10	200	0.62	200	TO-220F
TGBR20L100C	Dual	100	20	100	0.79	100	TO-220F
TGBR20V100C	Dual	100	20	120	0.75	100	TO-220F
TGBR20S100C	Dual	100	20	130	0.71	100	TO-220F
TGBR20U100C	Dual	100	20	140	0.67	100	TO-220F
TGBR30L100C	Dual	100	30	200	0.85	300	TO-220F
TGBR30V100C	Dual	100	30	160	0.8	300	TO-220F
TGBR30S100C	Dual	100	30	160	0.75	200	TO-220F
TGBR30U100C	Dual	100	30	300	0.7	200	TO-220F
TGBR40L100C	Dual	100	40	280	0.8	100	TO-220F
TGBR40V100C	Dual	100	40	250	0.75	200	TO-220F
TGBR40U100C	Dual	100	40	250	0.65	500	TO-220F
TGBR60L100C	Dual	100	60	200	0.75	100	TO-220F
TGBR10V120C	Dual	120	10	90	0.8	100	TO-220F1
TGBR10S120C	Dual	120	10	100	0.75	100	TO-220F1
TGBR10U120C	Dual	120	10	120	0.7	100	TO-220F1
TGBR10V150C	Dual	150	10	110	0.89	100	TO-220F1
TGBR10S150C	Dual	150	10	150	0.84	100	TO-220F1
TGBR10U150C	Dual	150	10	180	0.79	100	TO-220F1
TGBR20V150C	Dual	150	20	200	0.85	100	TO-220F

DIODE List > Trench MOS Schottky

TGBR30S150C	Dual	150	30	180	0.89	100	TO-220 TO-220F
TGBR40S100C	Dual	100	40	250	0.71	200	TO-220 TO-220F

DIODE List > MOS Gated Schottky

PartNo. (勾选方式)	Configuration (勾选方式)	V _{RRM} (V) (Range)	I _{F(AV)} (A) (Range)	I _{FSM} (A) (Range)	V _{F(Max)} (V) (Range)	I _{R(MAX)} (μ A)
MGBR5V30	Single	30	5	100	0.48	500
MGBR10L30	Single	30	10	200	0.55	500
MGBR10S30	Single	30	10	175	0.43	500
MGBR12L30	Single	30	12	200	0.54	500
MGBR15L30	Single	30	15	180	0.54	500
MGBR15V30	Single	30	15	200	0.49	500
MGBR2U40	Single	40	2	50	0.43	500
MGBR5S40	Single	40	5	150	0.52	500
MGBR5U40	Single	40	5	120	0.43	500
MGBR10L40	Single	40	10	150	0.57	300
MGBR10S40	Single	40	10	175	0.47	500
MGBR12L40	Single	40	12	180	0.57	300
MGBR15L40	Single	40	15	180	0.58	300
MGBR15V40	Single	40	15	200	0.53	500
MGBR20L40	Single	40	20	250	0.59	300
MGBR2V45	Single	45	2	50	0.5	100
MGBR5V45	Single	45	5	90	0.61	500
MGBR5S45	Single	45	5	120	0.48	500
MGBR5U45	Single	45	5	200	0.43	500
MGBR10L45	Single	45	10	90	0.58	300
MGBR10V45	Single	45	10	150	0.53	500
MGBR10S45	Single	45	10	150	0.48	500
MGBR12L45	Single	45	12	180	0.6	300
MGBR15L45	Single	45	15	180	0.6	300
MGBR15V45	Single	45	15	180	0.55	500
MGBR5S50	Single	50	5	120	0.5	500
MGBR10L50	Single	50	10	150	0.6	300
MGBR10V50	Single	50	10	150	0.55	500
MGBR10U50	Single	50	10	180	0.45	500
MGBR15L50	Single	50	15	180	0.61	300
MGBR15V50	Single	50	15	200	0.55	500
MGBR15S50	Single	50	15	200	0.5	500
MGBR15U50	Single	50	15	200	0.45	500
MGBR20L50	Single	50	20	250	0.63	300

DIODE List > MOS Gated Schottky

MGBR20V50	Single	50	20	250	0.58	500
MGBR20S50	Single	50	20	300	0.53	500
MGBR20U50	Single	50	20	300	0.48	500
MGBR10L60	Single	60	10	150	0.64	300
MGBR10S60	Single	60	10	70	0.59	500
MGBR12L60	Single	60	12	180	0.65	300
MGBR15L60	Single	60	15	180	0.64	300
MGBR15V60	Single	60	15	200	0.6	500
MGBR20L60	Single	60	20	250	0.65	300
MGBR20V60	Single	60	20	200	0.6	500
MGBR20V80	Single	80	20	180	0.8	500
MGBR30L80	Single	80	30	200	0.95	500
MGBR5L100	Single	100	5	100	0.8	250
MGBR10L100	Single	100	10	150	0.8	300
MGBR20L100	Single	100	20	250	0.9	300
MGBR20V100	Single	100	20	250	0.85	300
MGBR30L100	Single	100	30	200	0.85	100
MGBR10L120	Single	120	10	160	0.82	400
MGBR30V120	Single	120	30	300	0.83	150
MGBR5L150	Single	150	5	150	0.86	100
MGBR10L150	Single	150	10	150	0.9	200
MGBR20L150	Single	150	20	300	0.85	100
MGBR10L200	Single	200	10	180	0.86	100
MGBR20L200	Single	200	20	300	0.9	100
MGBR40L250	Single	250	40	150	0.97	250
MGBR5L300	Single	300	5	300	0.92	20
MGBR10S300	Single	300	10	200	0.9	100
MGBR20L300	Single	300	20	235	0.92	100
MGBR10U300	Single	300	10	160	0.85	100
MGBR10U300M1	Single	300	10	160	0.85	100
MGBR20L30C	Dual	30	20	170	0.55	200
MGBR10L40C	Dual	40	10	120	0.55	500
MGBR20L40C	Dual	40	20	120	0.55	500
MGBR6L45C	Dual	45	6	80	0.67	100
MGBR6V45C	Dual	45	6	80	0.62	100
MGBR6S45C	Dual	45	6	80	0.57	100
MGBR10L45C	Dual	45	10	90	0.56	300

DIODE List > MOS Gated Schottky

MGBR10V45C	Dual	45	10	90	0.5	500
MGBR10S45C	Dual	45	10	100	0.45	500
MGBR10U45C	Dual	45	10	100	0.4	500
MGBR15L45C	Dual	45	15	120	0.6	300
MGBR20L45C	Dual	45	20	120	0.58	300
MGBR20V45C	Dual	45	20	150	0.59	500
MGBR30L45C	Dual	45	30	200	0.6	300
MGBR30V45C	Dual	45	30	200	0.55	500
MGBR30S45C	Dual	45	30	250	0.5	500
MGBR30U45C	Dual	45	30	280	0.45	500
MGBR40L45C	Dual	45	40	250	0.6	300
MGBR40V45C	Dual	45	40	280	0.55	500
MGBR40S45C	Dual	45	40	350	0.5	500
MGBR40U45C	Dual	45	40	350	0.45	500
MGBR6L50C	Dual	50	6	80	0.67	100
MGBR6V50C	Dual	50	6	80	0.62	100
MGBR6S50C	Dual	50	6	100	0.57	300
MGBR10L50C	Dual	50	10	90	0.56	300
MGBR10V50C	Dual	50	10	120	0.51	500
MGBR10S50C	Dual	50	10	150	0.46	500
MGBR10U50C	Dual	50	10	180	0.41	500
MGBR15L50C	Dual	50	15	180	0.61	300
MGBR20L50C	Dual	50	20	150	0.6	300
MGBR20V50C	Dual	50	20	150	0.55	500
MGBR20S50C	Dual	50	20	180	0.5	500
MGBR20U50C	Dual	50	20	250	0.45	500
MGBR30L50C	Dual	50	30	200	0.6	300
MGBR30V50C	Dual	50	30	250	0.55	500
MGBR30S50C	Dual	50	30	250	0.52	500
MGBR30U50C	Dual	50	30	280	0.46	500
MGBR40V50C	Dual	50	40	200	0.58	500
MGBR6L60C	Dual	60	6	80	0.67	100
MGBR10L60C	Dual	60	10	120	0.63	300
MGBR10V60C	Dual	60	10	120	0.58	500
MGBR10S60C	Dual	60	10	150	0.53	500
MGBR10U60C	Dual	60	10	180	0.48	500
MGBR20L60C	Dual	60	20	150	0.64	300

DIODE List > MOS Gated Schottky

MGBR20V60C	Dual	60	20	180	0.59	500
MGBR20S60C	Dual	60	20	130	0.54	500
MGBR20U60C	Dual	60	20	250	0.49	500
MGBR30L60C	Dual	60	30	200	0.65	300
MGBR30V60C	Dual	60	30	250	0.6	500
MGBR30S60C	Dual	60	30	280	0.55	500
MGBR30U60C	Dual	60	30	300	0.5	500
MGBR40L60C	Dual	60	40	280	0.65	300
MGBR40V60C	Dual	60	40	150	0.6	500
MGBR40S60C	Dual	60	40	360	0.55	500
MGBR40U60C	Dual	60	40	400	0.5	500
MGBR10L80C	Dual	80	10	80	0.72	400
MGBR20L80C	Dual	80	20	100	0.81	600
MGBR20V80C	Dual	80	20	150	0.78	250
MGBR10L100C	Dual	100	10	80	0.8	100
MGBR10V100C	Dual	100	10	80	0.77	200
MGBR10S100C	Dual	100	10	180	0.67	200
MGBR10U100C	Dual	100	10	200	0.62	200
MGBR15L100C	Dual	100	15	100	0.8	80
MGBR20L100C	Dual	100	20	150	0.82	100
MGBR20V100C	Dual	100	20	180	0.75	100
MGBR20S100C	Dual	100	20	200	0.7	200
MGBR20U100C	Dual	100	20	250	0.65	200
MGBR20L120C	Dual	120	20	120	0.9	200
MGBR30L100C	Dual	100	30	200	0.85	200
MGBR30V100C	Dual	100	30	160	0.8	200
MGBR40L100C	Dual	100	40	280	0.8	100
MGBR40V100C	Dual	100	40	300	0.75	200
MGBR40S100C	Dual	100	40	350	0.7	200
MGBR40U100C	Dual	100	40	360	0.65	200
MGBR60L100C	Dual	100	60	280	0.79	200
MGBR20L120C	Dual	120	20	120	0.9	200
MGBR20U120C	Dual	120	20	180	0.79	100
MGBR30L120C	Dual	120	30	150	0.88	100
MGBR30V120C	Dual	120	30	200	0.83	100
MGBR30S120C	Dual	120	30	250	0.78	100
MGBR10L150C	Dual	150	10	100	0.9	100

DIODE List > MOS Gated Schottky

MGBR20L150C	Dual	150	20	150	0.9	50
MGBR20V150C	Dual	150	20	180	0.85	100
MGBR20S150C	Dual	150	20	180	0.8	100
MGBR20U150C	Dual	150	20	250	0.75	100
MGBR30L150C	Dual	150	30	200	0.9	100
MGBR30V150C	Dual	150	30	200	0.85	100
MGBR40L150C	Dual	150	40	200	0.9	100
MGBR40V150C	Dual	150	40	250	0.85	100
MGBR40L170C	Dual	170	40	250	0.9	100
MGBR10L200C	Dual	200	10	110	0.9	100
MGBR20L200C	Dual	200	20	180	0.86	100
MGBR20V200C	Dual	200	20	170	0.81	100
MGBR30V200C	Dual	200	30	150	0.87	5
MGBR40V200C	Dual	200	40	240	0.89	200
MGBR60L200C	Dual	200	60	300	0.95	210
MGBR60V200C	Dual	200	60	250	0.94	100
MGBR10L250C	Dual	250	10	110	0.92	100
MGBR10L300C	Dual	300	10	100	0.94	100
MGBR20L300C	Dual	300	20	180	0.92	100
MGBR20V300C	Dual	300	20	180	0.87	100
MGBR30V300C	Dual	300	30	200	0.9	100
MGBR40S300C	Dual	300	40	235	0.94	100
MGBR40V300C	Dual	300	40	200	0.99	100

Package (勾选方式)
SMB
TO-277
TO-277
TO-277
TO-277
TO-277
SMB
DO-201
ADTO-277
SMB
SMB
PDFN5×6
TO-277
TO-277
TO-277
TO-277
TO-277
TO-277
TO-277
SMA
SMB
DO-201AD
TO-277
SMC
DO-201AD
SMC
TO-277
TO-252
TO-277 2
TO-252
TO-277 2
TO-252
TO-252D
TO-277
TO-277
TO-252
TO-252
TO-277
TO-220-2
TO-277
TO-252
TO-277 2
TO-252
TO-220 2
TO-277
PDFN5×6
TO-277
PDFN5×6
PDFN5×6
TO-277
TO-220 2

PDFN5x6 TO-220-2
PDFN5x6 TO-220-2
PDFN5x6 TO-220-2
TO-277
TO-277
TO-252
TO-220-2
TO-277
TO-277
TO-277
TO-277 PDFN5x6
TO-277 PDFN5x6
TO-220
TO-220
PDFN5x6 SMA
TO-252 DO-201AD
TO-277
TO-220 TO-220F
TO-220 TO-220F
TO-220 TO-220F
TO-277
TO-220 TO-220F
DO-201AD
TO-277
TO-220 TO-220F
TO-220 TO-220F
TO-220 TO-220F
TO-252
TO-220 TO-220F
SMB
SMC
SMA
TO-252
TO-252
TO-220 TO-220F
TO-252
TO-220-2
TO-252
TO-220
TO-220 TO-220F
TO-262
TO-220
TO-252
TO-220 TO-220F
TO-220
TO-232F
TO-220 TO-232F
TO-220
TO-220 TO-220F
TO-220

DIODE List > PlanarSchottky > Schottky Barrier Rectifier

PartNumber (勾通方式)	Configuration (勾通方式)	I ₀ (A) (Range)	VRM(VR) (V) (Range)	I _{FSM} (A)	VFM Rating MAX.(V) (Range)	V _{FM} Conditions IF(A)	IRM(IR) Rating MAX.(μA)	IRM(IR) Conditions VR(V)	Package (勾通方式)
MBR0530	Single	0.5	30	5.5	0.43	0.5	130	30	SOD-123 SOD-323
MBR0540	Single	0.5	40	5.5	0.51	0.5	20	40	SOD-123 SOD-323 SOD-323C
MBR0560	Single	0.5	60	5.5	0.7	0.5	200	60	SOD-123 SOD-123F
B5817W	Single	1	20	9	0.45	1	1000	20	SOD-123 SOD-323
1N5819	Single	1	40	25	0.6	1	1000	40	SOD-123 SOD-123F
B5819WS	Single	1	40	10	0.6	1	1000	40	SOD-323
SS14	Single	1	40	30	0.5	1	500	40	SMA
MBR140	Single	1	40	30	0.7	1	50	40	DO-41
MBR145	Single	1	45	30	0.7	1	500	45	SOD-123F DO-41
MBR150	Single	1	50	25	0.75	1	50	50	DO-41
MBR160	Single	1	60	30	0.74	1	50	60	DO-41 SMA SOD-123F
MBR1100	Single	1	100	50	0.79	1	50	100	DO-41 SOD-123F SMB
MBR240	Single	2	40	2	0.7	2	500	40	SMA
MBR245	Single	2	45	50	0.7	2	500	45	SMA DO-15 DO-41
MBR260	Single	2	60	50	0.74	2	500	60	SMA SMB SOD-123S
MBR2100	Single	2	100	40	0.79	2	100	100	SMA SMB
MBR2200	Single	2	200	50	0.9	2	50	200	SMC DO-201AD DO-201AD
MBR340	Single	3	40	80	0.6	3	100	40	SMA
MBR360	Single	3	60	80	0.74	3	600	60	DO-201AD TO-252
MBR3100	Single	3	100	80	0.85	3	500	100	SMA
MBR3150	Single	3	150	80	0.9	3	50	150	DO-201AD SMA
MBR3200	Single	3	200	80	0.9	3	50	200	SMC DO-201AD DO-201AD
SR22	Single	2	20	50	0.5	2	2000	20	SMA SMB
SR23	Single	2	30	50	0.5	2	2000	30	SMA SMB
SR24	Single	2	40	50	0.5	2	2000	40	SMA SMB
SR25	Single	2	50	50	0.65	2	2000	50	SMA SMB
SR26	Single	2	60	50	0.65	2	2000	60	SMA SMB
SK24	Single	2	40	50	0.5	2	500	40	SMA SMB
SK26*	Single	2	60	50	0.7	2	500	60	SMA SMB SMA
SK34	Single	3	40	100	0.5	3	500	40	SMA SMB SMC
SB3U40	Single	3	40	75	0.47	3	400	40	SOD-123S
SK36	Single	3	60	100	0.75	3	500	60	SMA SMC
SK310	Single	3	100	100	0.85	3	500	100	SMA SMC
SK44*	Single	4	40	150	0.45	4	500	40	SMC
SK54	Single	5	40	100	0.55	5	1000	40	SMB SMC
SK56	Single	5	60	100	0.75	5	1000	60	SMC
SK86	Single	8	60	200	0.65	8	1000	60	SMC
MBR540	Single	5	40	120	0.58	5	300	40	DO-201AD
MBR545	Single	5	45	150	0.7	5	50	45	SMA SMB
MBR560	Single	5	60	150	0.72	5	50	60	DO-201AD
MBR5100	Single	5	100	150	0.8	5	50	100	DO-41
MBR5150	Single	5	150	150	0.9	5	50	150	DO-201AD TO-220-2 SMB
MBR760	Single	7.5	60	150	0.72	7.5	1000	60	TO-220-2
MBR840	Single	8	40	150	0.7	8	100	40	SMB
MBR1045	Single	10	45	150	0.84	10	100	45	TO-277
MBR1060	Single	10	60	150	0.8	10	100	60	TO-277
MBR10100	Single	10	100	150	0.8	10	50	100	TO-277 SMC
MBR10120	Single	10	120	110	0.85	10	500	120	TO-220 TO-220F
MBR10150	Single	10	150	170	0.93	10	500	150	DO-201AD TO-220 TO-220F
MBR20100	Single	20	100	150	0.84	20	100	100	DO-201AD

DIODE List > PlanarSchottky > Schottky Barrier Rectifier

MBR3045	Single	30	45	200	0.63	30	500	45	TO-263 TO-3P DO-41
SB120	Single	1	20	25	0.5	1	1000	20	SMA SOD-323
SB130	Single	1	30	25	0.5	1	1000	30	DO-41 SMA SOD-123
SB140	Single	1	40	40	0.5	1	500	40	SMA DO-41 SMB
SB160	Single	1	60	40	0.7	1	500	60	SMA DO-41 SMB
SB1100*	Single	1	100	30	0.79	1	500	100	SMA SMB
RB160M-60	Single	1	60	30	0.58	1	50	60	SOD-123
SB240	Single	2	40	80	0.5	2	500	40	DO-41 SMA SMB
SB260	Single	2	60	50	0.7	2	500	60	DO-41 SMA
SB2100*	Single	2	100	50	0.79	2	500	100	DO-201AD SMC
SB3U40	Single	3	40	75	0.47	3	400	40	SOD-123S
SB330*	Single	3	30	80	0.5	3	500	30	DO-201AD SMA SMB
SB340	Single	3	40	80	0.5	3	500	40	DO-201AD SMA SMB
SB345	Single	3	45	100	0.5	3	500	45	DO-201AD DO-41
SB360	Single	3	60	80	0.74	3	500	60	DO-201AD SMC
SB3100	Single	3	100	80	0.85	3	600	100	DO-201AD
SB3150	Single	3	150	110	0.89	3	1000	150	SMB
SB3200*	Single	3	200	80	0.86	3	500	200	DO-201AD SMC
SB460	Single	4	60	150	0.67	4	500	60	SMA SMB
SB540	Single	5	40	150	0.55	5	500	40	DO-201AD SMA SMB
B540C	Single	5	40	175	0.55	5	500	40	SMC
SB560	Single	5	60	150	0.67	5	500	60	DO-201AD DO-201AD1
B560C	Single	5	60	175	0.7	5	500	60	SMC
SB5100	Single	5	100	150	0.8	5	500	100	DO-201AD DO-201AD1 SMA
SB5150*	Single	5	150	125	0.92	5	8	150	DO-201AD
SB5200	Single	5	200	100	0.9	5	200	200	DO-201AD SMC
SB1060	Single	10	60	150	0.75	10	200	60	TO-220 TO-220F1
SB10100	Single	10	100	150	0.85	10	500	100	TO-220 TO-220F1
SBL1040	Single	10	40	250	0.6	10	1000	40	TO-220
SBL1045	Single	10	45	250	0.6	10	1000	45	TO-220 TO-220F
SBL1060	Single	10	60	250	0.75	10	1000	60	TO-220 TO-220F1
SBL1540	Single	15	40	150	0.55	15	450	40	TO-220 TO-220F TO-220F1
MBR1040C	Dual	10	40	125	0.8	10	100	40	TO-220
MBR1045C	Dual	10	45	50	0.55	5	200	45	TO-220 TO-220F1
MBR1060C	Dual	10	60	125	0.95	10	100	60	TO-220 TO-220F TO-220F1
MBR1080C	Dual	10	80	120	0.95	10	100	80	TO-220 TO-220F
MBR10100C	Dual	10	100	120	0.95	10	100	100	TO-220 TO-220F TO-220F1
MBR10150C	Dual	10	150	100	0.92	5	100	150	TO-220F TO-220F1
MBR10200C	Dual	10	200	150	1	10	500	200	TO-220F1 TO-220
MBR10200	Dual	10	200	150	0.9	10	10	200	TO-277
MBR1645C	Dual	16	45	125	0.7	8	100	45	TO-220
MBR16200C	Dual	16	200	150	0.9	8	50	200	TO-220 TO-220F TO-263
MBR2040C	Dual	20	40	150	0.84	20	100	40	TO-220
MBR2045C	Dual	20	45	150	0.84	20	100	45	TO-220 TO-220F TO-220F1
MBR2060C	Dual	20	60	150	0.95	20	100	60	TO-220 TO-220F1 TO-220F2
MBR20100C	Dual	20	100	150	0.85	10	150	100	TO-220F TO-220F1 TO-220
MBR20120C	Dual	20	120	150	0.95	20	100	120	TO-220 TO-220F
MBR20125C	Dual	20	125	150	0.95	20	100	125	TO-220 TO-220F
MBR20130C	Dual	20	130	150	0.95	20	100	130	TO-220 TO-220F
MBR20150C	Dual	20	150	150	1.05	20	200	150	TO-220 TO-220F TO-220F1
MBR20200C	Dual	20	200	150	1.23	20	1000	200	TO-220 TO-220F TO-220F1

DIODE List > PlanarSchottky > Schottky Barrier Rectifier

UAD92	Dual	20	200	100	0.95	10	200	200	TO-3P TO-3PN TO-220
MBR25100C	Dual	25	100	155	0.85	12.5	100	100	TO-220 TO-220F
MBR3045C	Dual	30	45	150	0.76	30	200	45	TO-220 TO-220F TO-263
MBR3060C	Dual	30	60	275	0.86	30	100	60	TO-220
MBR30100C	Dual	30	100	275	1.1	30	100	100	TO-220 TO-220F TO-220F1
MBR30100	Dual	-	-	-	-	-	-	-	TO-220F
MBR30150C	Dual	30	150	200	1	30	500	150	TO-220 TO-220F1 TO-220F
MBR30200C	Dual	30	200	180	0.9	15	50	200	TO-220 TO-220F1 TO-220F
MBR4045C	Dual	40	45	170	0.7	20	1000	45	TO-220
MBR4060C	Dual	40	60	170	0.8	20	1000	60	TO-220
MBR40100C	Dual	40	100	170	0.9	20	1000	100	TO-220 TO-3P TO-220F1
MBR40150C	Dual	40	150	250	0.9	20	50	150	TO-220F TO-220F1
MBR40200C	Dual	40	200	180	0.92	20	10	200	TO-220 TO-220F
SBL1040C	Dual	10	40	110	0.56	5	200	40	TO-220
SBL2060C	Dual	20	60	250	0.75	10	1000	60	TO-220 TO-220F
SBL3040C	Dual	30	40	250	0.55	15	1000	40	TO-220
SBL3045C	Dual	30	45	180	0.62	15	1000	45	TO-220 TO-220F1 TO-263
SBL3050C	Dual	30	50	250	0.7	15	1000	50	TO-220
SBL3060C	Dual	30	60	165	0.73	15	100	60	TO-220
SBL3065C	Dual	30	65	160	0.75	15	100	65	TO-263
U20UC30	Dual	20	300	150	1.3	10	25	300	TO-220 TO-220F