

Fast Recovery Rectifiers



FR

Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	IO (Amps)	VR (Volts)	IFSM (Amps)	VF @ IO (Volts)	IR (uA)	t _{rr} (nsec)
1N643	Watertown	DO-7	STD		4918	0.04	175	0.5		0.0003	300
JAN1N643	Watertown	DO-7	STD	256	8137	0.04	175	0.5		0.0003	300
MC5619	Santa Ana	S	STD		12185	0.275	5000	2.5		2.5	300
MC5618	Santa Ana	S	STD		12184	0.3	4500	2.7		2.5	300
MC5617	Santa Ana	S	STD		12183	0.33	4000	3		2.5	300
UTR10	Watertown	A	STD		17245	0.5	100	15	0.8	3	250
UTR20	Watertown	A	STD		17248	0.5	200	15	0.8	3	250
UTR30	Watertown	A	STD		17257	0.5	300	15	0.8	3	300
UTR40	Watertown	A	STD		17266	0.5	400	15	0.8	3	350
UTR50	Watertown	A	STD		17280	0.5	500	15	0.8	3	400
UTR60	Watertown	A	STD		17288	0.5	600	15	0.8	3	400
MC5612	Santa Ana	S	STD		12178	0.53	2500	5		1	300
MC5616	Santa Ana	S	STD		12182	0.57	3000	4		1	300
MC5611	Santa Ana	S	STD		12177	0.63	2000	6		1	300
MC5615	Santa Ana	S	STD		12181	0.665	2500	5		1	300
MC5610	Santa Ana	S	STD		20867	0.79	1500	8		1	300
MC5614	Santa Ana	S	STD		12180	0.79	2000	6		1	300
MC5613	Santa Ana	S	STD		12179	0.975	1500	8		1	300
UTX105	Watertown	A	STD		17296	1	50	20	1	3	75
DLFR101	Chatsworth	DL-41 MELF	SM		6384	1	50	30	1.3	5	150
FR101	Chatsworth	DO-41	STD		18024	1	50	30	1.3	5	150
FR101GP	Chatsworth	DO-41	STD		6556	1	50	30	1.3	5	150
FR151GP	Chatsworth	DO-15	STD		18030	1	50	60	1.3	5	150
1N4933	Chatsworth	DO-41	STD		3068	1	50	30	1.2	5	200
1N4933GP	Chatsworth	DO-41	STD		17947	1	50	30	1.2	5	200
DL4933	Chatsworth	DL-41 MELF	SM		17996	1	50	30	1.2	5	200
FR1A	Chatsworth	DO-214AA	SM		18037	1	50	30	1.2	5	200
FS1A	Chatsworth	DO-214AC	SM		18065	1	50	30	1.2	5	200
UTR01	Watertown	A	STD		17243	1	50	20	1.1	3	250
UTX110	Watertown	A	STD		17297	1	100	20	1	3	75
DLFR102	Chatsworth	DL-41 MELF	SM		6385	1	100	30	1.3	5	150
FR102	Chatsworth	DO-41	STD		18025	1	100	30	1.3	5	150
FR102GP	Chatsworth	DO-41	STD		6557	1	100	30	1.3	5	150
FR152GP	Chatsworth	DO-15	STD		18031	1	100	60	1.3	5	150
1N4934	Chatsworth	DO-41	STD		3069	1	100	30	1.2	5	200
1N4934GP	Chatsworth	DO-41	STD		17948	1	100	30	1.2	5	200
DL4934	Chatsworth	DL-41 MELF	SM		17997	1	100	30	1.2	5	200
FR1B	Chatsworth	DO-214AA	SM		18038	1	100	30	1.2	5	200
FS1B	Chatsworth	DO-214AC	SM		18066	1	100	30	1.2	5	200
UTR11	Watertown	A	STD		17246	1	100	20	1.1	3	250
UTX115	Watertown	A	STD		17298	1	150	20	1	3	75
UTX120	Watertown	A	STD		17299	1	200	20	1	3	75
1N4942	Santa Ana	A	STD		3076	1	200	15		1	150
1N4942	Chatsworth	DO-41	STD		3075	1	200	30	1.3	5	150
1N4942GP	Chatsworth	DO-41	STD		17952	1	200	30	1.3	5	150

Section Organization: Fast Recovery Rectifier Parametric Section is organized by ascending IO (amps), followed by ascending VR (volts), and then by t_{rr} (nsec)

General Notes:

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog.
2. Forward Voltage (VF) when specified is at the rated IO. For VF@F refer to the product datasheets.
3. For detailed VF data refer to the product datasheets by using the fax on demand system or contacting the Microsemi manufacturing division.
4. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID.