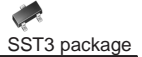


● SST3 / NPN type



Application	Product name	BV _{CEO} (V)	I _c (mA)	h _{FE}		@I _c (mA)	@V _{CE} (V)	f _r (MHz)	Cob (pF)	MARKING	DIE NO.
				Min.	Max.						
Pre Amp	BC817-25	45	800	160	400	100	1	150	6	G6B	D15
	BSR14	40	800	100	300	150	10	300	8	GU8	D15
	BC847A	45	100	110	230	2	5	200	3	G1E	C22
	BC847B	45	100	200	450	2	5	200	3	G1F	C22
	BC847C	45	100	450	800	2	5	200	3	G1G	C22
	BC848A	30	100	110	230	2	5	200	3	G1J	C22
	BC848B	30	100	200	450	2	5	200	3	G1K	C22
	BC848C	30	100	420	800	2	5	200	3	G1L	C22
	BCW31	32	100	110	230	2	5		4	GD1	C22
	BCW32	32	100	200	450	2	5		4	GD2	C22
Low Noise Amp	BCW33	32	100	420	800	2	5		4	GD3	C22
	BCW60B	32	200	180	310	2	5	125	4.5	GAB	C22
	BCW60C	32	200	260	460	2	5	125	4.5	GAC	C22
Driver	BCW60D	32	200	380	630	2	5	125	4.5	GAD	C22
	BCW65B	32	800	160	400	100	1	100	12	GEB	D15
Low Noise Amp	BCW65C	45	800	250	630	100	1	100	12	GEC	D15
	BCW71	45	100	110	230	2	5		4	GK1	C22
Driver	BCW72	45	100	200	450	2	5		4	GK2	C22
	BCX19	45	500	100	600	100	1			GU1	D15
Low Noise Amp	BCX70H	45	200	180	310	2	5	125	4.5	GAH	C22
	BCX70J	45	200	250	460	2	5	125	4.5	GAJ	C22
	BCX70K	45	200	380	630	2	5	125	4.5	GAK	C22
Mix Osc.	BFS17	15	50	20	150	2	5	1000	1.5	GMA	C33

● SST3 . SMT3 / NPN type



General purpose small signal amplifiers

Product name		BV _{CS0} Min. (V)	BV _{CEO} Min. (V)	BV _{EBO} Min. (V)	I _{CS0} Max. (nA)	@V _{CS} (V)	h _{FE}		@I _c (mA)	@V _{CE} (V)	V _{CE} (sat) Max. (V)	V _{BE} (sat) Max. (V)	@I _c (mA)	Cob Max. (pF)	f _r Min. (MHz)	NF (dB)	I _c Max. (mA)	MARKING	DIE NO.	
SST3	SMT3						Min.	Max.												
—	MMST5088	35	30	4.5	100	30	300	900	0.1	5	0.3	0.8 (V _{BE(ON)})	10	4	50	0.5	3	200	R10	C22
							350	1000	1	5										
—	MMST6428	60	50	6	100	30	250	0.01	5	0.2		10	3	100	—	200	RIK	C22		
							250	0.1	5											
							250	1	5	0.6	100									
							250	10	5											
SST6838	—	50	40	5	500	30	200	150	1	5	0.4		50	3.5	50	2	—	200	RBR	C22
SSTTIS97	—	60	40	6	50	40	250	700	0.1	5	0.65 (V _{BE(ON)})	0.1	4		2	200	R97	C22		
—	MMST8098	60	60	6	100m	60	100	300	1	5	0.4	0.7	100	6	150	10	—	200	RAV	C22

● SST3 - SMT3 / PNP type (cont.)



General purpose amplification and switching

SST3 package

SMT3 package

Product name		BV _{CB0}	BV _{CE0}	BV _{EB0}	I _{CB0}	@V _{CB}	h _{FE}		V _{CE} (sat)			Cob	f _r	f _{off}	I _c	MARKING	DIE NO.			
Package		Min.	Min.	Min.	Max.		Min.	Max.	Max.	Max.	@I _c							Max.		
SST3	SMT3	(V)	(V)	(V)	(nA)	(V)	Min.	Max.	@I _c	@V _{CE}	(V)	(V)	(mA)	(pF)	(MHz)	@I _c	Max.	(ns)	(mA)	
SST2222A	MMST2222A	75	40	6	100	60	35	0.1	10	1	2	150	8	250	20	285	600	R1P	C31	
							50	1	10											
							75	10	10											
							100	150	10											
							50	150	1											
30	500	10																		
SST3904	MMST3904	60	40	6	50 (I _{CEx})	30	40	0.1	1	0.2	0.85	10	4	300	10	250	200	R1A	C37	
							70	1	1											
							100	10	1											
							60	50	1											
							30	100	1											
—	MMST4124	30	25	5	50	20	120	360	2.0	1	0.3	0.95	50	4	300	10	—	200	RZC	C37
SST4401	MMST4401	60	40	6	100	35	20	0.1	1	0.4	0.95	150	6.5	250	20	225	600	R2X	C31	
							40	1	1											
							80	10	1											
							100	150	1											
							40	500	2											

Medium power amplification

Product name		BV _{CB0}	BV _{CE0}	BV _{EB0}	I _{CB0}	@V _{CB}	h _{FE}		V _{CE} (sat)			Cob	f _r	f _{off}	I _c	MARKING	DIE NO.			
Package		Min.	Min.	Min.	Max.		Min.	Max.	Max.	Max.	@I _c							Max.		
SST3	SMT3	(V)	(V)	(V)	(nA)	(V)	Min.	Max.	@I _c	@V _{CE}	(V)	(V)	(mA)	(pF)	(MHz)	@I _c	Max.	(ns)	(mA)	
SSTA05	—	60	60	4	100	60	100	100	10	1	0.25	1.2	100	100	10	—	500	—	R1H	D16
SSTA06	MMSTA06	80	80	4	100	80	100	100	10	1	0.25	1.2	100	100	10	—	500	—	R1G	D16

Darlington pair type

Product name		BV _{CB0}	BV _{CE0}	BV _{EB0}	I _{CB0}	@V _{CB}	h _{FE}		V _{CE} (sat)			Cob	f _r	NF	I _c	MARKING	DIE NO.			
Package		Min.	Min.	Min.	Max.		Min.	Max.	Max.	Max.	@I _c							Max.		
SST3	SMT3	(V)	(V)	(V)	(nA)	(V)	Min.	Max.	@I _c	@V _{CE}	(V)	(V)	(mA)	(pF)	(MHz)	@I _c	Max.	(dB)	(mA)	
SST6427	—	40	40	12	50	30	10	100	10	5	1.2	50	7	—	10	500	—	10	R1J	D25
SSTA13	MMSTA13	(V _{CEs}) 30		10	100	30	5	10	5	1.5	2	100	10	125	10	500	R1M	D25		
							10	100	5											
SSTA14	MMSTA14	(V _{CEs}) 30		10	100	30	10	10	5	1.5		100	10	125	10	500	R1N	D25		
							20	100	5											
SSTA28	MMSTA28	(V _{CEs}) 80		12	100	60	10	10	5	1.5		100	8	125	10	500	RAT	D69		
							10	100	5											

High frequency applications

Product name		BV _{CB0}	BV _{CE0}	BV _{EB0}	I _{CB0}	@V _{CB}	h _{FE}		V _{CE} (sat)			Cob	f _r	NF	I _c	MARKING	DIE NO.			
Package		Min.	Min.	Min.	Max.		Min.	Max.	Max.	Max.	@I _c							Max.		
SST3	SMT3	(V)	(V)	(V)	(nA)	(V)	Min.	Max.	@I _c	@V _{CE}	(V)	(V)	(mA)	(pF)	(MHz)	@I _c	Max.	(dB)	(mA)	
SST8245	—	30	20	3	100 (I _{CES})	18	60	150	2.5	4	0.4	1	10	1.2	600	2.5	—	50	R3B	C33
—	MMST918	30	15	3	100	15	20	—	3	1	0.4	1	10	1.7	600	4	6	50	RVX	C33