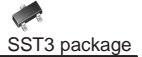


● SST3 / PNP type



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	BC807-25	45	500	160	400	100	1	150	6	G5B	B11
	BC857A	45	100	110	230	2	5	250	4.5	G3E	A32
	BC857B	45	100	210	480	2	5	250	4.5	G3F	A32
	BC858B	30	100	210	480	2	5	250	4.5	G3K	A32
	BCW30	32	100	210	500	2	5		7	GC2	A32
Low Noise Amp	BCW61B	32	200	180	310	2	5	180	5	GBB	A32
	BCW61C	32	200	250	460	2	5	180	5	GBC	A32
Low Noise Amp	BCW69	45	100	110	260	2	5		7	GH1	A32
	BCW70	45	100	210	500	2	5		7	GH2	A32
Driver	BCX17	45	500	100	600	100	1			GT1	B11
Low Noise Amp	BCX71G	45	200	110	220	2	5	180	6	GBG	A32
	BCX71H	45	200	140	310	2	5	180	6	GBH	A32
	BCX71J	45	200	250	460	2	5	180	6	GBJ	A32

● SST3 - SMT3 / PNP type

General purpose small signal amplifiers



Product name		BV _{CEO} Min. (V)	BV _{CEO} Min. (V)	BV _{EBO} Min. (V)	I _{CBO} Max. (nA)	@V _{CB} (V)	h _{FE}		@I _c (mA)	@V _{CE} (V)	V _{CE} (sat) Max. (V)	V _{EE} (sat) Max. (V)	@I _c (mA)	Cob Max. (pF)	f _r Min. (MHz)	@I _c (mA)	NF Max. (dB)	I _c Max. (mA)	MARKING	DIE NO.	
SST3	SMT3						Min.	Max.													
-	MMST5086	50	50	3	100	40	150	500	0.1	5				10	6	40	0.5	3	200	R2P	A32
-	MMST5087	50	50	3	100	40	150	800	1	5	0.3			10	6	40	0.5	2	200	R2O	A32
SST6839	-	50	40	5			250		1	5	0.5			100	3.5	50	2		200	RFO	A32
-	MMST8598	60	60	5	100	60	100	300	1	5	0.5			100	8	150	10		200	R2K	A32

*The minus sign (-) on PNP values has been omitted.

General purpose amplification and switching

Product name		BV _{CEO} Min. (V)	BV _{CEO} Min. (V)	BV _{EBO} Min. (V)	I _{CBO} Max. (nA)	@V _{CB} (V)	h _{FE}		@I _c (mA)	@V _{CE} (V)	V _{CE} (sat) Max. (V)	V _{EE} (sat) Max. (V)	@I _c (mA)	Cob Max. (pF)	f _r Min. (MHz)	@I _c (mA)	t _{off} Max. (ns)	I _c Max. (mA)	MARKING	DIE NO.	
SST3	SMT3						Min.	Max.													
-	MMST2907	60	40	5	100	50	35	50	0.1	10											
							1	10	1	10	0.4	1.3		150	8	200	50	180	600	R2B	A31
							75	100	10	10	1.6	2.6		500							
							100	300	150	10											
							30		500	10											
SST2907A	MMST2907A	60	60	5	100	50	75	100	0.1	10											
							100	100	1	10	0.4	1.3		150	8	200	50	180	600	R2F	A31
							100	300	10	10	1.6	2.6		500							
							50		500	10											

*The minus sign (-) on PNP values has been omitted.

●SST3 . SMT3 / PNP type



General purpose amplification and switching (cont.)

SST3 package

SMT3 package

Product name		BV _{CEO}	BV _{CEO}	BV _{CEO}	I _{CEO}	h _{FE}		V _{CE} (sat)		V _{BE} (sat)	Cob	f _r	t _{off}	I _C	MARKING	DIE NO.				
Package		Min.	Min.	Min.	Max.	@V _{CB}		@I _C @V _{CE}		Max.	Max.	Max.	Min.	Max.	Max.					
SST3	SMT3	(V)	(V)	(V)	(nA)	Min.	Max.	(mA)	(V)	(V)	(pF)	(MHz)	(ns)	(mA)						
SST3906	MMST3906	40	40	5	50 (I _{CE} S)	30	60	0.1	1	0.25	0.85	10	4.5	250	10	300	200	R2A	A38	
							80	1	1											
							100	10	1											
							60	50	1											
							30	100	1											
-	MMST4126	25	25	4	50	20	120	360	2	1	0.4	0.95	50	4.5	250	10	200	RVZ	A38	
							60	50	1											
							30	100	1											
SST4403	MMST4403	40	40	5	100	35	30	0.1	1	0.4	0.95	150	8.5	200	20	255	600	R2T	A31	
							60	1	1											
							100	10	1											
							100	300	150											2
							20	500	2											

•The minus sign (–) on PNP values has been omitted.

Medium power amplification

Product name		BV _{CEO}	BV _{CEO}	BV _{CEO}	I _{CEO}	h _{FE}		V _{CE} (sat)		V _{BE} (sat)	Cob	f _r	t _{off}	I _C	MARKING	DIE NO.			
Package		Min.	Min.	Min.	Max.	@V _{CB}		@I _C @V _{CE}		Max.	Max.	Max.	Min.	Max.	Max.				
SST3	SMT3	(V)	(V)	(V)	(nA)	Min.	Max.	(mA)	(V)	(V)	(pF)	(MHz)	(ns)	(mA)					
SSTA56	MMSTA56	80	80	4	100	80	100	10	1	0.25	1.2	100		50	100		500	R2G	B93

•The minus sign (–) on PNP values has been omitted.

Darlington pair type

Product name		BV _{CEO}	BV _{CEO}	BV _{CEO}	I _{CEO}	h _{FE}		V _{CE} (sat)		V _{BE} (sat)	Cob	f _r	NF	I _C	MARKING	DIE NO.			
Package		Min.	Min.	Min.	Max.	@V _{CB}		@I _C @V _{CE}		Max.	Max.	Max.	(dB)	Max.					
SST3	SMT3	(V)	(V)	(V)	(nA)	Min.	Max.	(mA)	(V)	(V)	(pF)	(MHz)		(mA)					
-	MMSTA64	30	30 (V _{CE} S)	10	100	30	10k 20k	10	5	1.5		100	7	125	10	3	300	R2V	B25

•The minus sign (–) on PNP values has been omitted.

●MPT3 / NPN type



MPT3 package

Application	Product name	V _{CEO} (V)	I _C (A)	P _C (W) ★	f _r (MHz)	Cob (pF)	h _{FE}	MARKING	DIE NO.
Driver	BCX56	80	1	1	100	20	40~250	DF	D54

★ On 14×18×0.7mm ceramic board.

●MPT3 / PNP type



MPT3 package

Application	Product name	V _{CEO} (V)	I _C (A)	P _C (W) ★	f _r (MHz)	Cob (pF)	h _{FE}	MARKING	DIE NO.
Driver	BCX53	80	1	1	100	20	40~250	BE	B54

•The minus sign (–) on PNP values has been omitted.

★ On 14×18×0.7mm ceramic board.