

Surface Mount Devices

General Purpose Transistors

Type	Package	Ratings			h _{FE}		V _{CE(sat)}		f _T	Pinout See Section VII
		V _{CEO} V	V _{CBO} V	I _C mA	min./max. at I _C /V _{CE} mA/V	max. at I _C /I _B mA/mA	V	typ MHz		
NPN										
BC868	SOT-89	20	25	1000	85/375	500/1	0.50	1000/100	60	AE
BCP68	SOT-223	20	25	1000	85/375	500/1	0.50	1000/100	60	R
BC818-16	SOT-23	25	25	500	100/250	100/1	0.62	500/50	100	F
BC818-25	SOT-23	25	25	500	160/400	100/1	0.62	500/50	100	F
BC818-40	SOT-23	25	25	500	250/600	100/1	0.62	500/50	100	F
BCX20	SOT-23	25	30	500	100/600	100/1	0.62	500/50	200	F
BC818W	SOT-323	25	25	500	100/600	100/1	0.62	500/50	100	AC
BC848W	SOT-323	30	30	200	125/900	2/5	0.25	10/0.5	300	AC
BC849W	SOT-323	30	30	100	240/900	2/5	0.25	10/0.5	300	AC
BC848A	SOT-23	30	30	200	110/220	2/5	0.25	10/0.5	300	F
BC848B	SOT-23	30	30	200	200/450	2/5	0.25	10/0.5	300	F
BC848C	SOT-23	30	30	200	420/800	2/5	0.25	10/0.5	300	F
BCV61	SOT-143	30	30	100	100/800	2/5	0.25	10/0.5	300	G
PMBT2222	SOT-23	30	60	600	100/300	150/10	0.4	150/15	>250	F
BCW31	SOT-23	32	32	100	110/220	2/5	0.25	10/0.5	300	F
BCW32	SOT-23	32	32	100	220/450	2/5	0.25	10/0.5	300	F
BCW33	SOT-23	32	32	100	420/800	2/5	0.25	10/0.5	300	F
BCW60A	SOT-23	32	32	200	120/220	2/5	0.35	10/0.25	250	F
BCW60B	SOT-23	32	32	200	180/310	2/5	0.35	10/0.25	250	F
BCW60C	SOT-23	32	32	200	250/460	2/5	0.35	10/0.25	250	F
BCW60D	SOT-23	32	32	200	380/630	2/5	0.35	10/0.25	250	F
PMBTA20	SOT-23	40	40	100	40/400	5/10	0.25	10/1	>125	F
PMBT3903	SOT-23	40	60	200	50/150	10/1	0.20	10/1	>250	F
PMBT3904	SOT-23	40	60	200	100/300	10/1	0.20	10/1	>300	F
PXT3904	SOT-89	40	60	200	100/300	10/1	0.20	10/1	>300	AE
PZT3904	SOT-223	40	60	200	100/300	10/1	0.20	10/1	>300	R
PZT4401	SOT-223	40	60	600	100/300	150/1	0.75	500/50	250	R
PXT4401	SOT-89	40	60	600	100/300	150/1	0.4	150/15	>250	AE
PMBT2222A	SOT-23	40	75	600	100/300	150/10	0.3	150/15	>300	F
PXT2222A	SOT-89	40	75	600	100/300	150/10	0.3	150/15	>300	AE
PZT2222A	SOT-223	40	75	600	100/300	150/10	0.3	150/15	>300	R
BC817-16	SOT-23	45	45	500	100/250	100/1	0.62	500/50	100	F
BC817-25	SOT-23	45	45	500	160/400	100/1	0.62	500/50	100	F
BC817-40	SOT-23	45	45	500	250/600	100/1	0.62	500/50	100	F
BCP54	SOT-223	45	45	1000	40/250	150/2	0.5	500/50	130	R
BCX54	SOT-89	45	45	1000	40/250	150/2	0.50	500/50	130	AE
BCX70G	SOT-23	45	45	200	120/220	2/5	0.35	10/0.25	250	F
BCX70H	SOT-23	45	45	200	180/310	2/5	0.35	10/0.25	250	F
BCX70J	SOT-23	45	45	200	250/460	2/5	0.35	10/0.25	250	F
BCX70K	SOT-23	45	45	200	380/630	2/5	0.35	10/0.25	250	F
BC847A	SOT-23	45	50	200	110/220	2/5	0.25	10/0.5	300	F
BC847B	SOT-23	45	50	200	200/450	2/5	0.25	10/0.5	300	F
BC847C	SOT-23	45	50	200	420/800	2/5	0.25	10/0.5	300	F
BCW71	SOT-23	45	50	100	110/220	2/5	0.25	10/0.5	300	F
BCW72	SOT-23	45	50	100	200/450	2/5	0.25	10/0.5	300	F
BCW81	SOT-23	45	50	100	420/800	2/5	0.25	10/0.5	300	F
BCX19	SOT-23	45	50	500	100/600	100/1	0.62	500/50	200	F
BC817W	SOT-323	45	45	500	100/600	100/1	0.62	500/50	100	AC
BC847W	SOT-323	45	50	200	125/900	2/5	0.25	10/0.5	300	AC
BC850W	SOT-323	45	50	100	240/900	2/5	0.25	10/0.5	300	AC
BC860W	SOT-323	45	50	100	125/900	2/5	0.75	10/0.5	150	AC
BCP55	SOT-223	60	60	1000	40/250	150/2	0.5	500/50	130	R
BCX55	SOT-89	60	60	1000	40/250	150/2	0.50	500/50	130	AE

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