

Surface Mount Devices

General Purpose Transistors (cont.)

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 V mA/mA		typ MHz	
NPN (cont.)										
PMBTA05	SOT-23	60	60	500	50/-	100/1	0.25	100/10	>100	F
BCV71	SOT-23	60	80	100	125/220	2/5	0.25	10/0.5	300	F
BCV72	SOT-23	60	80	100	200/450	2/5	0.25	10/0.5	300	F
BC846A	SOT-23	65	80	200	125/220	2/5	0.25	10/0.5	300	F
BC846B	SOT-23	65	80	200	200/450	2/5	0.25	10/0.5	300	F
BC846W	SOT-323	65	80	200	125/500	2/5	0.25	10/0.5	300	AC
BCP56	SOT-223	80	100	1000	40/250	150/2	0.5	500/50	130	R
BCX56	SOT-89	80	100	1000	120/220	2/5	0.50	500/50	130	F
PMBTA06	SOT-23	80	80	100	50/-	100/1	0.25	100/10	>100	F
PNP										
BC869	SOT-89	20	25	1000	85/375	500/1	0.50	100/100	60	AE
BCP69	SOT-223	20	25	1000	85/375	500/1	0.50	1000/100	60	R
BCX18	SOT-23	25	—	500	100/600	100/1	0.62	500/50	100	F
BC808-16	SOT-23	25	30	500	100/250	100/1	0.70	500/50	100	F
BC808-25	SOT-23	25	30	500	160/400	100/1	0.7	500/50	100	F
BC808-40	SOT-23	25	30	500	250/600	100/1	0.7	500/50	100	F
BC808W	SOT-323	25	30	500	100/600	100/1	0.70	500/50	100	AC
BC858W	SOT-323	30	30	100	75/900	2/5	0.30	10/0.5	150	AC
BC859W	SOT-323	30	30	100	125/800	2/5	0.30	10/0.5	150	AC
BC858A	SOT-23	30	30	100	125/250	2/5	0.30	10/0.5	150	F
BC858B	SOT-23	30	30	100	220/475	2/5	0.3	10/0.5	150	F
BC858C	SOT-23	30	30	100	420/800	2/5	0.3	10/0.5	150	F
BCV62	SOT-143	30	30	100	100/800	2/5	0.30	10/0.5	150	G
BCW29	SOT-23	32	32	100	120/260	2/5	0.30	10/0.5	150	F
BCW30	SOT-23	32	32	100	215/500	2/5	0.30	10/0.5	150	F
BCW61A	SOT-23	32	32	200	120/200	2/5	0.25	10/0.5	180	F
BCW61B	SOT-23	32	32	200	180/310	2/5	0.25	10/0.5	180	F
BCW61C	SOT-23	32	32	200	250/460	2/5	0.25	10/0.5	180	F
BCW61D	SOT-23	32	32	200	380/630	2/5	0.25	10/0.5	180	F
PMBTA70	SOT-23	40	40	100	40/100	5/10	0.25	10/1	>125	F
PMBT3906	SOT-23	40	40	200	100/300	10/1	0.25	10/1	>250	F
PZT3906	SOT-223	40	40	200	100/300	10/1	0.25	10/1	>250	R
PZT4403	SOT-223	40	40	600	100/300	150/2	0.75	500/50	200	R
PMBT4403	SOT-23	40	40	600	100/300	150/2	0.40	150/5	>200	F
PXT3906	SOT-89	40	40	200	100/300	10/1	0.25	10/1	>250	AE
PXT4403	SOT-89	40	40	600	100/300	150/2	0.4	150/15	>200	AE
PMBT2907	SOT-23	40	60	600	100/300	150/10	0.4	150/15	>200	F
BCP51	SOT-223	45	45	1000	40/250	150/2	0.50	500/50	50	R
BCX17	SOT-23	45	—	500	100/600	100/1	0.62	500/50	100	F
BCX51	SOT-89	45	45	1000	40/250	150/2	0.50	500/50	50	AE
BCX71G	SOT-23	45	45	200	120/220	2/5	0.25	10/0.5	180	F
BCX71H	SOT-23	45	45	200	180/310	2/5	0.25	10/0.5	180	F
BCX71J	SOT-23	45	45	200	250/460	2/5	0.25	10/0.5	180	F
BCX71K	SOT-23	45	45	200	380/630	2/5	0.25	10/0.5	180	F
BC807-16	SOT-23	45	50	500	100/250	100/1	0.70	500/50	100	F
BC807-25	SOT-23	45	50	500	160/400	100/1	0.7	500/50	100	F
BC807-40	SOT-23	45	50	500	250/600	100/1	0.7	500/50	100	F
BC857A	SOT-23	45	50	100	125/250	2/5	0.30	10/0.5	150	F
BC857B	SOT-23	45	50	100	220/475	2/5	0.3	10/0.5	150	F
BC857C	SOT-23	45	50	100	420/800	2/5	0.3	10/0.5	150	F
BCW69	SOT-23	45	50	100	120/260	2/5	0.30	10/0.5	150	F

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