

4. SILICON PNP - LOW POWER TRANSISTORS

IN ORDER OF (1) MAX COLLECTOR DISSIPATION
(2) fab & (3) TYPE No.

LINE No.	TYPE No.	1 MAX. COLL. DISS. @ 25°C (W)	2 DERATE IN FREE AIR W/°C (Hz)	T M A M P X	ABS MAX RATINGS @ 25°C				TYPICAL h PARAMETERS										Cob (F)	STRUC-TURE	DWG #/s/a TO200 Ser	L C O A D E
					BVcbo (V)	BVceo (V)	BVebo (V)	Ic (A)	Icbo @ MAX Vcb (A)	Vcb (V)	Ie (A)	hfe	hoe (mhos)	hie (Ω)	hre (X.0001)							
					BIAS	COMMON EMITTER	BIAS	COMMON EMITTER	BIAS	COMMON EMITTER	BIAS	COMMON EMITTER	BIAS	COMMON EMITTER								
1#	BC178C	300m	130M	2.0m	30	25	5.0	100m	40n	5.0	2.0m	500	18u	1.6kΔ	1.5	4.5p	PE	PL	T018	A		
2#	BC178P	300m	130M	2.0m	30	25	5.0	100m	40n	5.0	2.0m	120	18u	1.6kΔ	1.5	4.5p	PE	PL	T018	A		
3#	BC178PA	300m	130M	2.0m	30	25	5.0	100m	40n	5.0	2.0m	170	18u	1.6kΔ	1.5	4.5p	PE	PL	B68	A		
4#	BC178PAK	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	170	18u	2.7k	1.5	4.5p	PE	PL	B58	A		
5#	BC178PAL	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	170	18u	2.7k	1.5	4.5p	PE	PL	B58	A		
6#	BC178PAM	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	170	18u	2.7k	1.5	4.5p	PE	PL	B58	A		
7#	BC178PB	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	290	35u	4.5k	2.0	4.5p	PE	PL	B58	A		
8#	BC178PBK	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	290	35u	4.5k	2.0	4.5p	PE	PL	B58	A		
9#	BC178PBL	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	290	35u	4.5k	2.0	4.5p	PE	PL	B58	A		
10#	BC178PBM	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	290	35u	4.5k	2.0	4.5p	PE	PL	B58	A		
11#	BC178PC	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	500	60u	8.7k	3.0	4.5p	PE	PL	B58	A		
12#	BC178PCK	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	500	60u	8.7k	3.0	4.5p	PE	PL	B58	A		
13#	BC178PCL	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	500	60u	8.7k	3.0	4.5p	PE	PL	B58	A		
14#	BC178PCM	300m	130M	2.0m	30	25	5.0	100m	100n	5.0	2.0m	500	60u	8.7k	3.0	4.5p	PE	PL	B58	A		
15#	BC179B#	300m	130M	2.0m	30	20	5.0	50m	100n	5.0	2.0m	530	30u	4.5k	2.0	4.5p	PE	PL	T018	A		
16#	BC179C	300m	130M	2.0m	30	20	5.0	50m	40n	5.0	2.0m	500	35u	4.5k	2.0	4.5p	PE	PL	B58	A		
17#	BC179PB	300m	130M	2.0m	30	20	5.0	50m	100n	5.0	2.0m	290	35u	4.5k	2.0	4.5p	PE	PL	B58	A		
18#	BC179PBK	300m	130M	2.0m	30	20	5.0	50m	100n	5.0	2.0m	290	35u	4.5k	2.0	4.5p	PE	PL	B58	A		
19#	BC179PBL	300m	130M	2.0m	30	20	5.0	50m	100n	5.0	2.0m	290	35u	4.5k	2.0	4.5p	PE	PL	B58	A		
20#	BC179PBM	300m	130M	2.0m	30	20	5.0	50m	100n	5.0	2.0m	290	35u	4.5k	2.0	4.5p	PE	PL	B58	A		
21#	BC179PC	300m	130M	2.0m	30	20	5.0	50m	100n	5.0	2.0m	500	60u	8.7k	3.0	4.5p	PE	PL	B58	A		
22#	BC179PCK	300m	130M	2.0m	30	20	5.0	50m	100n	5.0	2.0m	500	60u	8.7k	3.0	4.5p	PE	PL	B58	A		
23#	BC179PCL	300m	130M	2.0m	30	20	5.0	50m	100n	5.0	2.0m	500	60u	8.7k	3.0	4.5p	PE	PL	B58	A		
24#	BC179PCM	300m	130M	2.0m	30	20	5.0	50m	100n	5.0	2.0m	500	60u	8.7k	3.0	4.5p	PE	PL	B58	A		
25#	BC257	300m	130M	2.2m	30	45	5.0	100m	100n	5.0	2.0m	250	50u	4.5k	3.0p	7.0p	PE	PL	T092	B		
26#	BC257A	300m	130M	2.4m	30	45	5.0	100m	100n	5.0	2.0m	180	25u	2.7k	3.0	7.0p	PE	PL	T092	B		
27#	BC257B	300m	130M	2.4m	30	45	5.0	100m	100n	5.0	2.0m	290	35u	4.5k	3.5	6.0p	PE	PL	T092	D		
28#	BC257VI	300m	130M	2.4m	30	45	5.0	100m	100n	5.0	2.0m	100	20u	1.2k	2.5	7.0p	PE	PL	T092	B		
29#	BC258	300m	130M	2.2m	30	25	5.0	100m	100n	5.0	2.0m	180	25u	2.7k	3.0	7.0p	PE	PL	T092	B		
30#	BC258A	300m	130M	2.4m	30	25	5.0	100m	100n	5.0	2.0m	180	25u	2.7k	3.0	7.0p	PE	PL	T092	B		
31#	BC258B	300m	130M	2.4m	30	25	5.0	100m	100n	5.0	2.0m	300	35u	4.5k	3.5	7.0p	PE	PL	T092	B		
32#	BC258C	300m	130M	2.4m	30	25	5.0	100m	40n	5.0	2.0m	500	60u	8.7k	3.0	7.0p	PE	PL	S1	A		
33#	BC258VI	300m	130M	2.4m	30	25	5.0	100m	100n	5.0	2.0m	100	20u	1.2k	2.5	7.0p	PE	PL	T092	B		
34#	BC259	300m	130M	2.2m	30	25	5.0	100m	100n	5.0	2.0m	500	70u	8.0k	3.5	7.0p	PE	PL	T092	B		
35#	BC259A	300m	130M	2.4m	30	25	5.0	50m	100n	5.0	2.0m	180	25u	2.7k	3.0	7.0p	PE	PL	T092	B		
36#	BC259B	300m	130M	2.4m	30	25	5.0	50m	100n	5.0	2.0m	300	35u	4.5k	3.5	7.0p	PE	PL	T092	B		
37#	BC262	300m	130M	2.0m	30	45	5.0	100m	100n	5.0	2.0m	125	25u	2.7k	3.0	7.0p	PE	PL	T018	A		
38#	BC307#	300m	130M	2.2m	30	45	5.0	100m	100n	5.0	2.0m	222	25u	2.7k	1.5	7.0p	PE	PL	R204	A		
39#	BC307A	300m	130M	2.4m	30	45	5.0	100m	100n	5.0	2.0m	180	18u	2.7k	1.5	7.0p	PE	PL	R204	A		
40#	BC307B	300m	130M	2.4m	30	45	5.0	100m	100n	5.0	2.0m	290	30u	4.5k	2.0	6.0p	PE	PL	T092	A		
41#	BC307C	300m	130M	2.3m	30	45	5.0	100m	15n	5.0	2.0m	600	110u	8.7k	3.0	6.0p	PE	PL	T092	A		
42#	BC307PA	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	170	18u	2.7k	1.5	6.0p	PE	PL	B58	A		
43#	BC307PAK	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	170	18u	2.7k	1.5	6.0p	PE	PL	B58	A		
44#	BC307PAL	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	170	18u	2.7k	1.5	6.0p	PE	PL	B58	A		
45#	BC307PAM	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	170	18u	2.7k	1.5	6.0p	PE	PL	B58	A		
46#	BC307PB	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	290	30u	4.5k	2.0	6.0p	PE	PL	B58	A		
47#	BC307PBK	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	290	30u	4.5k	2.0	6.0p	PE	PL	B58	A		
48#	BC307PBL	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	290	30u	4.5k	2.0	6.0p	PE	PL	B58	A		
49#	BC307PBM	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	290	30u	4.5k	2.0	6.0p	PE	PL	B58	A		
50#	BC307PC	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	500	60u	8.7k	3.0	6.0p	PE	PL	B58	A		
51#	BC307VI	300m	130M	2.4m	30	45	5.0	100m	100n	5.0	2.0m	100	20u	1.2k	2.5	7.0p	PE	PL	R204	A		
52#	BC308#	300m	130M	2.2m	30	25	5.0	100m	100n	5.0	2.0m	222	25u	2.7k	3.0	7.0p	PE	PL	R204	A		
53#	BC308A	300m	130M	2.4m	30	25	5.0	100m	100n	5.0	2.0m	500	60u	8.7k	3.0	6.0p	PE	PL	T092	A		
54#	BC308PA	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	170	18u	2.7k	1.5	6.0p	PE	PL	B58	A		
55#	BC308PB	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	290	30u	4.5k	2.0	6.0p	PE	PL	B58	A		
56#	BC308PBK	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0m	290	30u	4.5k	2.0	6.0p	PE	PL	B58	A		
57#	BC308PCK	300m	130M	2.3m	30	45	5.0	100m	100n	5.0	2.0	500	60u	8.7k	3.0	6.0p	PE	PL	B58	A		
58#	BC308PCL	300m	130M	2.4m	30	25	5.0	100m	100n	5.0	2.0m	100	20u	1.2k	2.5	7.0p	PE	PL	R204	A		
59#	BC308PCM	300m	130M	2.2m	30	25	5.0	50m	100n	5.0	2.0m	222	25u	2.7k	3.0	7.0p	PE	PL	R204	A		
60#	BC309#	300m	130M	2.4m	30	20	5.0	50m	100n	5.0	2.0m	500	60u	8.7k	3.0	6.0p	PE	PL	T092	A		
61#	BC309PB	300m	130M	2.3m																		