

# 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	ABS MAX RATINGS @ 25°C				MAX. I <sub>cb0</sub> @ MAX V <sub>cb</sub> (A)	TYPICAL h' PARAMETERS			Cob (F)	STRUC-TURE	DWG #	L C O D E	
				BV <sub>cb0</sub> (V)	BV <sub>ce0</sub> (V)	BV <sub>eb0</sub> (V)	I <sub>c</sub> (A)		BIAS							
				h <sub>FE</sub>	h <sub>FE</sub>	h <sub>FE</sub>	V <sub>cb</sub> (V)		I <sub>e</sub> (A)	h <sub>FE</sub>	h <sub>oe</sub> (mhos)					h <sub>ie</sub> (Ω)
1	A5T3638†	625m	100mΔ	5.0m	25	25	4.0	500m	35nΩ	100	10m	25	Δ	PE	R203	A
2	A5T4026†	625m	100mΔ	5.0m	60	60	5.0	1.0	50nΩ	5.0	100m	40	Δ	PE	R203	A
3	A5T4027†	625m	100mΔ	5.0m	80	80	5.0	1.0	50nΩ	5.0	100m	40	Δ	PE	R203	A
4	A5T5221	625m	100mΔ	5.0m	15	15	3.0	500m	100nΩ	100	50m	30	Δ	PE	R203	A
5	A5T5227	625m	100mΔ	5.0m	30	30	3.0	50m	100nΩ	100	2.0m	50	Δ	PE	R203	A
6	A5T5400	625m	100mΔ	5.0m	130	120	5.0	600m	100nΩ	100	1.0m	30	Δ	PE	R203	A
7	A5T5401	625m	100mΔ	5.0m	160	150	5.0	600m	50nΩ	100	1.0m	40	Δ	PE	R203	A
8	A8T3702	625m	100mΔ	5.0m	40	25	5.0	200m	100nΩ	5.0	50m	60	Δ	PE	T092	A
9	A8T3703	625m	100mΔ	5.0m	50	30	5.0	200m	100nΩ	5.0	50m	30	Δ	PE	T092	A
10	A8T4026†	625m	100mΔ	5.0m	60	60	5.0	1.0	50nΩ	5.0	100m	40	Δ	PE	T092	A
11	A8T4027†	625m	100mΔ	5.0m	80	80	5.0	1.0	50nΩ	5.0	100m	40	Δ	PE	T092	A
12	BC231	625m	100mΔ					400m		-5	-50m	100	Δ		T092	B
13	BC327AP	625m	100m	5.0m	45	45	5.0	800m	100nΩ	1.0	100m	160	†	PL1	B58	A
14	BC327BP	625m	100m	5.0m	45	45	5.0	800m	100nΩ	1.0	100m	250	†	PL1	B58	A
15	BC327CP	625m	100m	5.0m	45	45	5.0	800m	100nΩ	1.0	100m	400	†	PL1	B58	A
16	BC328AP	625m	100m	5.0m	25	5.0	800m	100nΩ	1.0	100m	160	†	PL1	B58	A	
17	BC328BP	625m	100m	5.0m	25	5.0	800m	100nΩ	1.0	100m	250	†	PL1	B58	A	
18	BC328CP	625m	100m	5.0m	25	5.0	800m	100nΩ	1.0	100m	400	†	PL1	B58	A	
19	BC337-16#	625m	100mΔ		45	45	5.0		1.0	100m	250	†		T092	F	
20	BC337-25#	625m	100mΔ		45	45	5.0		1.0	100m	400	†		T092	F	
21	BC337-40#	625m	100mΔ		45	45	5.0		1.0	100m	630	†		T092	F	
22#	BC381	625m	100mΔ		25	♦		200m		5.0	2.5m	60	Δ		T092	F
23#	BC432	625m	100m		60	♦		800m		1.0	100m	63	Δ		T092	F
24#	BC446	625m	100mΔ		60	♦		300m		5.0	2.0m	50	Δ*		T092	F
25	BC526	625m	100mΔ					200m		-5	-2m	60	Δ		T092	F
26	BC527	625m	100mΔ		60	60	6.0	1.0	100nΩ	1.0	100m	400	†		T092	F
27#	BC528	625m	100mΔ	5.0m	80	80	6.0	1.0	100nΩ	1.0	100m	50	†	PE	T092	A
28#	BCX75	625m	100mΔ		32	♦		800m		1.0	100m	100	Δ*		T092	F
29#	BCX75-16†	625m	100mΔ	5.0m	32	♦	5.0	800m	20nΩ	1.0	100m	100	Δ	PE1	R204d	A
30#	BCX75-25†	625m	100mΔ	5.0m	32	♦	5.0	800m	20nΩ	1.0	100m	160	Δ	PE1	R204d	A
31#	BCX75-40†	625m	100mΔ	5.0m	32	♦	5.0	800m	20nΩ	1.0	100m	250	Δ	PE1	R204d	A
32#	BCX76	625m	100mΔ		45	♦		800m		1.0	100m	100	Δ*		T092	F
33#	BCX76-16	625m	100m		75	♦	5.0	800m	20nΩ	1.0	100m	75	†	EPLΔ	R224	A
34#	BCX76-25†	625m	100mΔ	5.0m	45	♦	5.0	800m	20nΩ	1.0	100m	160	Δ	PE1	R204d	A
35#	BCX76-40†	625m	100mΔ	5.0m	45	♦	5.0	800m	20nΩ	1.0	100m	250	Δ	PE1	R204d	A
36	GES93	625m	100m		40	40	5.0	400m	100nΩ	2.0	50m	100	Δ	PE	T092	A
37	MPS3638†	625m	100mΔ	5.0m	25	25	4.0	500m	35nΩ	1.0	100m	20	Δ	DPE	T092	A
38	MPS4354†	625m	100m	5.0m	60	60	5.0	1.0	50u	100	10u	50	Δ	AN	T092	A
39#	MPS4354	625m	100mΔ		60	♦		1.0	100	100	10m	50	Δ	AN	T092	A
40	MPS4355†	625m	100mΔ	5.0m	60	60	5.0	1.0	50nΩ	100	10m	200	†	AN	T092	A
41#	MPS4355	625m	100mΔ		60	♦		1.0	100	100	100	100	Δ	AN	T092	A
42	MPS4356†	625m	100m	5.0m	80	80	5.0	1.0	50u	100	10u	50	Δ	AN	T092	A
43#	MPS4356	625m	100mΔ		80	♦		1.0	100	100	10m	50	Δ	AN	T092	A
44	MPS5142†	625m	100mΔ	5.0m	20	20	4.0	500m	50nΩ	3.0	50m	1.0	Δ		T092	A
45	MPS5143†	625m	100mΔ	5.0m	20	20	4.0	500m	50nΩ	3.0	50m	1.0	Δ		T092	A
46	MPS5855	625m	100mΔ	5.0m	60	60	5.0	1.0	100nΩ	1.0	50m	1.0	Δ		T092	A
47	MPS5857	625m	100mΔ	5.0m	60	60	5.0	1.0	100nΩ	1.0	50m	1.0	Δ		T092	A
48	MPSA55	625m	100mΔ	5.0m	60	60	4.0	500m	100nΩ	1.0	10m	50	Δ#	AN†	T092	A
49	MPSA56	625m	100mΔ	5.0m	80	80	4.0	500m	100nΩ	1.0	10m	50	Δ#	AN†	T092	A
50	PN5142	625m	100m	5.0m	20	20	4.0	500m	50nΩ	1.0	50m	30	†	AN†	T092	A
51	PN5143	625m	100m	5.0m	20	20	4.0	500m	50nΩ	1.0	300m	15	†	AN†	T092	A
52#	TBC327	625m	100m		50	45	5.0	500m	100nΩ	1.0	100m	600	†	E	T092	A
53#	TBC328	625m	100m		30	25	5.0	500m	100nΩ	1.0	100m	600	†	E	T092	A
54	TP5142	625m	100m		20	20	4.0	500m	50nΩ	1.0	50m	30	Δ	PE	T092	A
55#	2SA922†	625m	120m	5.0m	80	80	6.0	1.0	100nΩ	2.0	100m	150	†	PE	R179e	A
56#	BC727	625m	120m	5.0m	50	40	5.0	1.5	100nΩ	1.0	500m	63	†	PE	T092	A
57	BCX46†	625m	130m	5.0m	45	45	5.0	1.0	100nΩ	2.0	10m	160	†	AN	R210a	F
58	BCX48†	625m	130m	5.0m	60	60	5.0	1.0	100nΩ	2.0	10m	160	†	AN	R210a	F
59	BCX50†	625m	130m	5.0m	80	80	5.0	1.0	100nΩ	2.0	10m	160	†	AN	R210a	F
60	2N6067†	625m	150mΔ	5.0m	50	40	5.0	100m	500nΩ	1.0	10m	40	Δ		T092	A
61	A5T3497†	625m	150mΔ	5.0m	120	120	4.5	100m	100nΩ	1.0	10m	40	Δ	PE	R203	A
62	A5T3638A1	625m	150mΔ	5.0m	25	25	4.0	500m	35nΩ	1.0	10m	100	Δ	PE	R203	A
63	A5T4028†	625m	150mΔ	5.0m	60	60	5.0	1.0	50nΩ	5.0	100m	100	Δ	PE	R203	A
64	A5T4029†	625m	150mΔ	5.0m	80	80	5.0	1.0	50nΩ	5.0	100m	100	Δ	PE	R203	A
65	A5T4402†	625m	150mΔ	5.0m	40	40	5.0	600m	100nΩ	1.0	1.0m	30	Δ	PE	R203	A
66	A8T4028†	625m	150mΔ	5.0m	60	60	5.0	1.0	50nΩ	5.0	100m	100	Δ	PE	T092	A
67	A8T4029†	625m	150mΔ	5.0m	80	80	5.0	1.0	50nΩ	5.0	100m	100	Δ	PE	T092	A
68#	BC376	625m	150m		-25	-20	-5	1.0	100nΩ	-1	-2	60	Δ	PE	T092	A
69	BC486	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	60	Δ#	AN	R210a	F
70#	BC486	625m	150m		45	♦		1.0	100nΩ	2.0	100m	60	Δ#	AN	T092	F
71	BC486-5	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	60	Δ#	AN	R207	A
72	BC486-18	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	60	Δ#	AN	R204e	A
73	BC486A5	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	140	†	AN	R207	A
74	BC486A18	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	140	†	AN	R204e	A
75	BC486A	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	140	†	AN	R210a	F
76	BC486B5	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	260	†	AN	R207	A
77	BC486B18	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	260	†	AN	R204e	A
78	BC486B	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	260	†	AN	R210a	F
79	BC486L5	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	100	†	AN	R207	A
80	BC486L18	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	100	†	AN	R204e	A
81	BC486L	625m	150m	5.0m	45	45	4.0	1.0	100nΩ	2.0	100m	100	†	AN	R210a	F
82	BC488	625m	150m	5.0m	60	60	4.0	1.0	100nΩ	2.0	100m	60	Δ#	AN	R210a	F
83#	BC488	625m	150m		60	♦		1.0	100nΩ	2.0	100m	60	Δ#	AN	T092	F
84	BC488-5	625m	150m	5.0m	60	60	4.0	1.0	100nΩ	2.0	100m	60	Δ#	AN	R207	A
85	BC488-18	625m	150m	5.0m	60	60	4.0	1.0	100nΩ	2.0	100m	60	Δ#	AN	R204e	A
86	BC488A5	625m	150m	5.0m	60	60	4.0	1.0	100nΩ	2.0	100m	140	†	AN	R207	A
87	BC488A18	625m	150m	5.0m	60	60	4.0	1.0	100nΩ							