

# 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 # Y200 s/a TO200 Ser.	L C O D E			
				V <sub>bc0</sub> (V)	V <sub>ce0</sub> (V)	V <sub>eb0</sub> (V)	I <sub>c</sub> (A)		BIAS							COMMON EMITTER		
									V <sub>cb</sub> (V)	I <sub>e</sub> (A)	h <sub>fe</sub>					h <sub>oe</sub> (mhos)	h <sub>ie</sub> (Ω)	h <sub>re</sub> X.0001
1	A5T3638†	625m	100mSΔ	5.0m	25	25	4.0	500m	35nS	100	10m	25	Δ	PE	R203	A		
2	A5T4026†	625m	100mSΔ	5.0m	60	60	5.0	1.0	50nS	5.0	100m	40	Δ	PE	R203	A		
3	A5T4027†	625m	100mSΔ	5.0m	80	80	5.0	1.0	50nS	5.0	100m	40	Δ	PE	R203	A		
4	A5T5221	625m	100mSΔ	5.0m	15	15	3.0	500m	100nS	100	50m	30	Δ	PE	R203	A		
5	A5T5227	625m	100mSΔ	5.0m	30	30	3.0	50m	100nS	100	2.0m	50	Δ	PE	R203	A		
6	A5T5400	625m	100mSΔ	5.0m	130	120	5.0	600m	100nS	100	1.0m	30	Δ	PE	R203	A		
7	A5T5401	625m	100mSΔ	5.0m	160	150	5.0	600m	50nS	100	1.0m	40	Δ	PE	R203	A		
8	A8T3702	625m	100mSΔ	5.0m	40	25	5.0	200m	100nS	5.0	50m	60	Δ	PE	T092	A		
9	A8T3703	625m	100mSΔ	5.0m	50	30	5.0	200m	100nS	5.0	50m	30	Δ	PE	T092	A		
10	A8T4026†	625m	100mSΔ	5.0m	60	60	5.0	1.0	50nS	5.0	100m	40	Δ	PE	T092	A		
11	A8T4027†	625m	100mSΔ	5.0m	80	80	5.0	1.0	50nS	5.0	100m	40	Δ	PE	T092	A		
12	BC231	625m	100mSΔ					400m		-50	-50m	100	Δ			B		
13	BC327AP	625m	100mS	5.0m		45	5.0	800m	100nS	1.0	100m	160	†	PL1	B58	A		
14	BC327BP	625m	100mS	5.0m		45	5.0	800m	100nS	1.0	100m	250	†	PL1	B58	A		
15	BC327CP	625m	100mS	5.0m		45	5.0	800m	100nS	1.0	100m	400	†	PL1	B58	A		
16	BC328AP	625m	100mS	5.0m		25	5.0	800m	100nS	1.0	100m	160	†	PL1	B58	A		
17	BC328BP	625m	100mS	5.0m		25	5.0	800m	100nS	1.0	100m	250	†	PL1	B58	A		
18	BC328CP	625m	100mS	5.0m		25	5.0	800m	100nS	1.0	100m	400	†	PL1	B58	A		
19	BC337-16#	625m	100mSΔ		45	45	5.0		1.0	100m	250	†			F			
20	BC337-25#	625m	100mSΔ		45	45	5.0		1.0	100m	400	†			F			
21	BC337-40#	625m	100mSΔ		45	45	5.0		1.0	100m	630	†			F			
22#	BC381	625m	100mSΔ			25		200m		5.0	2.5m	60	Δ			F		
23#	BC432	625m	100mS			60		800m		1.0	100m	63	Δ			F		
24#	BC446	625m	100mSΔ			60		300m		5.0	2.0m	50	Δ*			F		
25	BC526	625m	100mSΔ			-50		200m		-50	-2m	60	Δ			F		
26	BC527	625m	100mSΔ			60	6.0	6.0	100nS	1.0	100m	400	†			F		
27#	BC528	625m	100mSΔ	5.0m		80	6.0	1.0	100nS	1.0	10m	50	†	PE	T092	A		
28#	BCX75	625m	100mSΔ			32		800m		1.0	100m	100	Δ*			F		
29#	BCX75-16†	625m	100mSΔ	5.0m		32	5.0	800m	20nS	1.0	100m	100	Δ	PE1	R204d	A		
30#	BCX75-25†	625m	100mSΔ	5.0m		32	5.0	800m	20nS	1.0	100m	160	Δ	PE1	R204d	A		
31#	BCX75-40†	625m	100mSΔ	5.0m		32	5.0	800m	20nS	1.0	100m	250	Δ	PE1	R204d	A		
32#	BCX76	625m	100mSΔ			45		800m		1.0	100m	100	Δ*			F		
33#	BCX76-16	625m	100mS			75	5.0	800m	20nS	1.0	10m	75	†	EPLΔ	R224	A		
34#	BCX76-25†	625m	100mSΔ	5.0m		45	5.0	800m	20nS	1.0	100m	160	Δ	PE1	R204d	A		
35#	BCX76-40†	625m	100mSΔ	5.0m		45	5.0	800m	20nS	1.0	100m	250	Δ	PE1	R204d	A		
36	GES93	625m	100mS	5.0m		40	4.0	400m	100nS	2.0	50m	100	Δ	PE	T092	A		
37	MPS3638†	625m	100mSΔ	5.0m		25	25	500m	35nS	100	10m	20	Δ	DPE	T092	A		
38	MPS4354†	625m	100mS	5.0m		60	6.0	5.0	1.0	50u	100	50	Δ	AN	T092	A		
39#	MPS4354	625m	100mSΔ			60	6.0	1.0	1.0	100	10m	50	Δ	AN	T092	A		
40	MPS4355†	625m	100mSΔ	5.0m		60	6.0	5.0	1.0	50nS	100	100	Δ	AN	T092	A		
41#	MPS4355	625m	100mSΔ			60	6.0	1.0	1.0	100	10m	100	Δ	AN	T092	A		
42	MPS4356†	625m	100mS	5.0m		80	8.0	5.0	1.0	50u	100	50	Δ	AN	T092	A		
43#	MPS4356	625m	100mSΔ			80	8.0	1.0	1.0	100	10m	50	Δ	AN	T092	A		
44	MPS5142†	625m	100mSΔ	5.0m		20	2.0	4.0	500m	50nS	3.0	50m	1.0	Δ		T092	A	
45	MPS5143†	625m	100mSΔ	5.0m		20	2.0	4.0	500m	50nS	3.0	50m	1.0	Δ		T092	A	
46	MPS5855	625m	100mSΔ	5.0m		60	6.0	5.0	1.0	100nS	100	50m	1.0	Δ		T092	A	
47	MPS5857	625m	100mSΔ	5.0m		60	6.0	5.0	1.0	100nS	100	50m	1.0	Δ		T092	A	
48	MPSA55	625m	100mSΔ	5.0m		60	6.0	4.0	500m	100nS	1.0	10m	50	Δ#	AN†	T092	A	
49	MPSA56	625m	100mSΔ	5.0m		80	8.0	4.0	500m	100nS	1.0	10m	50	Δ#	AN†	T092	A	
50	PN5142	625m	100mS	5.0m		20	2.0	4.0	500m	50nS	1.0	50m	30	†		T092	A	
51	PN5143	625m	100mS	5.0m		20	2.0	4.0	500m	50nS	100	300m	15	†		T092	A	
52#	TBC327	625m	100mS			50	45	5.0	500m	100nS	1.0	100m	600	†	E	T092	A	
53#	TBC328	625m	100mS			30	25	5.0	500m	100nS	1.0	100m	600	†	E	T092	A	
54	TP5142	625m	100mS			20	2.0	4.0	500m	50nS	1.0	50m	30	†	PE	T092	A	
55#	2SA922†	625m	120mS	5.0m		80	8.0	6.0	1.0	100nS	2.0	100m	150	†	PE	R179e	A	
56#	BC727	625m	120mS	5.0m		50	4.0	5.0	1.5	100nS	1.0	500m	63	†	PE	T092	A	
57	BCX46†	625m	130mS	5.0m		45	4.5	5.0	1.0	100nS	2.0	10m	160	†	AN	R210a	F	
58	BCX48†	625m	130mS	5.0m		60	6.0	5.0	1.0	100nS	2.0	10m	160	†	AN	R210a	F	
59	BCX50†	625m	130mS	5.0m		80	8.0	5.0	1.0	100nS	2.0	10m	160	†	AN	R210a	F	
60	2N6067†	625m	150mSΔ	5.0m		50	4.0	5.0	100m	500nS	1.0	10m	40	Δ		T092	A	
61	A5T3497†	625m	150mSΔ	5.0m		120	120	4.5	100m	100nS	100	10m	40	Δ	PE	R203	A	
62	A5T3638A1	625m	150mSΔ	5.0m		25	25	4.0	500m	35nS	100	10m	100	Δ	PE	R203	A	
63	A5T4028†	625m	150mSΔ	5.0m		60	60	5.0	1.0	50nS	5.0	100m	100	Δ	PE	R203	A	
64	A5T4029†	625m	150mSΔ	5.0m		80	80	5.0	1.0	50nS	5.0	100m	100	Δ	PE	R203	A	
65	A5T4402†	625m	150mSΔ	5.0m		40	40	5.0	600m	100nS	100	1.0m	30	Δ	PE	R203	A	
66	A8T4028†	625m	150mSΔ	5.0m		60	60	5.0	1.0	50nS	5.0	100m	100	Δ	PE	T092	A	
67	A8T4029†	625m	150mSΔ	5.0m		80	80	5.0	1.0	50nS	5.0	100m	100	Δ	PE	T092	A	
68#	BC376	625m	150mS			-25	-20	-5	1.0	100nS	-10	-2	60	Δ	PE	T092	A	
69	BC486	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	60	Δ#	AN	R210a	F	
70#	BC486	625m	150mS			45	4.5	1.0	1.0	100nS	2.0	100m	60	Δ#	AN	T092	F	
71	BC486-5	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	60	Δ#	AN	R207	A	
72	BC486-18	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	60	Δ#	AN	R204e	A	
73	BC486A5	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	140	†	AN	R207	A	
74	BC486A18	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	140	†	AN	R204e	A	
75	BC486A	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	140	†	AN	R210a	F	
76	BC486B5	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	260	†	AN	R207	A	
77	BC486B18	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	260	†	AN	R204e	A	
78	BC486B	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	260	†	AN	R210a	F	
79	BC486L5	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	100	†	AN	R207	A	
80	BC486L18	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	100	†	AN	R204e	A	
81	BC486L	625m	150mS	5.0m		45	4.5	4.0	1.0	100nS	2.0	100m	100	†	AN	R210a	F	
82	BC488	625m	150mS	5.0m		60	6.0	4.0	1.0	100nS	2.0	100m	60	Δ	AN	R210a	F	
83#	BC488	625m	150mS			60	6.0	1.0	1.0	100nS	2.0	100m	60	Δ*	AN	T092	F	
84	BC488-5	625m	150mS	5.0m		60	6.0	4.0	1.0	100nS	2.0	100m	60	Δ#	AN	R207	A	
85	BC488-18	625m	150mS	5.0m		60	6.0	4.0	1.0	100nS	2.0	100m	60	Δ#	AN	R204e	A	
86	BC488A5																	