

# 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>cb</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>bc</sub> (V)	V <sub>ce</sub> (V)	V <sub>eb</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	1.2u	2.0k	15	20p	PE	R203	A	
2	A5T4026†	625m	100mSΔ	5.0m	60	60	5.0	1.0	50n	5.0	100m	40	Δ				20p	PE	R203	A	
3	A5T4027†	625m	100mSΔ	5.0m	80	80	5.0	1.0	50n	5.0	100m	40	Δ				20p	PE	R203	A	
4	A5T5221	625m	100mSΔ	5.0m	15	15	3.0	500m	100n	100	50m	30	Δ				15p	PE	R203	A	
5	A5T5227	625m	100mSΔ	5.0m	30	30	3.0	50m	100n	100	2.0m	50	Δ				5.0p	PE	R203	A	
6	A5T5400	625m	100mSΔ	5.0m	130	120	5.0	600m	100n	100	1.0m	30	Δ				6.0p	PE	R203	A	
7	A5T5401	625m	100mSΔ	5.0m	160	150	5.0	600m	50n	100	1.0m	40	Δ				6.0p	PE	R203	A	
8	A8T3702	625m	100mSΔ	5.0m	40	25	5.0	200m	100n	5.0	50m	60	Δ				12p	PE	T092	A	
9	A8T3703	625m	100mSΔ	5.0m	50	30	5.0	200m	100n	5.0	50m	30	Δ				12p	PE	T092	A	
10	A8T4026†	625m	100mSΔ	5.0m	60	60	5.0	1.0	50n	5.0	100m	40	Δ				20p	PE	T092	A	
11	A8T4027†	625m	100mSΔ	5.0m	80	80	5.0	1.0	50n	5.0	100m	40	Δ				20p	PE	T092	A	
12	BC231	625m	100mSΔ			-30		400m		-5	-50m	100	Δ				12p	PE	T092	B	
13	BC327AP	625m	100mS	5.0m	45	45	5.0	800m	100n	1.0	100m	160	†				12p	PL1	B58	A	
14	BC327BP	625m	100mS	5.0m	45	45	5.0	800m	100n	1.0	100m	250	†				12p	PL1	B58	A	
15	BC327CP	625m	100mS	5.0m	45	45	5.0	800m	100n	1.0	100m	400	†				12p	PL1	B58	A	
16	BC328AP	625m	100mS	5.0m	25	5.0	800m	100n	1.0	100m	160	†					12p	PL1	B58	A	
17	BC328BP	625m	100mS	5.0m	25	5.0	800m	100n	1.0	100m	250	†					12p	PL1	B58	A	
18	BC328CP	625m	100mS	5.0m	25	5.0	800m	100n	1.0	100m	400	†					12p	PL1	B58	A	
19	BC337-16#	625m	100mSΔ		45	45	5.0		1.0	100m	250	†					12p	†	T092	F	
20	BC337-25#	625m	100mSΔ		45	45	5.0		1.0	100m	400	†					12p	†	T092	F	
21	BC337-40#	625m	100mSΔ		45	45	5.0		1.0	100m	630	†					12p	†	T092	F	
22#	BC381	625m	100mSΔ		25	♦		200m		5.0	2.5m	60	Δ				10p	†	T092	F	
23#	BC432	625m	100mS		60	♦		800m		1.0	100m	63	Δ				17p	†	T092	F	
24#	BC446	625m	100mSΔ		60	♦		300m		5.0	2.0m	50	Δ*				3.0p	†	T092	F	
25	BC526	625m	100mSΔ		-50			200m		-5	-2m	60	Δ				5.0p	†	T092	A	
26	BC527	625m	100mSΔ		60	60	6.0	1.0	100n	1.0	100m	400	†				15p	†	T092	A	
27#	BC528	625m	100mSΔ	5.0m	80	80	6.0	1.0	100n	1.0	10m	50	†				15p	PE	T092	A	
28#	BCX75	625m	100mSΔ		32	♦		800m		1.0	100m	100	Δ*				18p	†	T092	F	
29#	BCX75-16†	625m	100mSΔ	5.0m	32	♦	5.0	800m	20n	1.0	100m	100	Δ				18p	PE	R204d	A	
30#	BCX75-25†	625m	100mSΔ	5.0m	32	♦	5.0	800m	20n	1.0	100m	160	Δ				18p	PE	R204d	A	
31#	BCX75-40†	625m	100mSΔ	5.0m	32	♦	5.0	800m	20n	1.0	100m	250	Δ				18p	PE	R204d	A	
32#	BCX76	625m	100mSΔ		45	♦		800m		1.0	100m	100	Δ*				18p	†	T092	F	
33#	BCX76-16	625m	100mS		75	♦	5.0	800m	20n	1.0	10m	75	†				18p	EPLΔ	R224	A	
34#	BCX76-25†	625m	100mSΔ	5.0m	45	♦	5.0	800m	20n	1.0	100m	160	Δ				18p	PE	R204d	A	
35#	BCX76-40†	625m	100mSΔ	5.0m	45	♦	5.0	800m	20n	1.0	100m	250	Δ				18p	PE	R204d	A	
36	GES93	625m	100mS		40	40	5.0	400m	100n	2.0	50m	100	Δ				15p	PE	T092	A	
37	MPS3638†	625m	100mSΔ	5.0m	25	25	4.0	500m	35n	100	10m	20	Δ				20p	DPE	T092	A	
38	MPS4354†	625m	100mS	5.0m	60	60	5.0	1.0	50u	100	10u	50	Δ		100u	550	1.0	30p	AN	T092	A
39#	MPS4354	625m	100mSΔ		60	♦		1.0		100	10m	50	Δ				30p	AN	T092	A	
40	MPS4355†	625m	100mSΔ	5.0m	60	60	5.0	1.0	50n	100	10m	200	†				30p	AN	T092	A	
41#	MPS4355	625m	100mSΔ		60	♦		1.0		100	10m	100	Δ				30p	AN	T092	A	
42	MPS4356†	625m	100mS	5.0m	80	80	5.0	1.0	50u	100	10u	50	Δ		100u	550	1.0	30p	AN	T092	A
43#	MPS4356	625m	100mSΔ		80	♦		1.0		100	10m	50	Δ				30p	AN	T092	A	
44	MPS5142†	625m	100mSΔ	5.0m	20	20	4.0	500m	50n	3.0	50m	1.0	Δ				10p	†	T092	A	
45	MPS5143†	625m	100mSΔ	5.0m	20	20	4.0	500m	50n	3.0	50m	1.0	Δ				10p	†	T092	A	
46	MPS5855	625m	100mSΔ	5.0m	60	60	5.0	1.0	100n	1.0	50m	1.0	Δ				15p	†	T092	A	
47	MPS5857	625m	100mSΔ	5.0m	60	60	5.0	1.0	100n	1.0	50m	1.0	Δ				15p	†	T092	A	
48	MPSA55	625m	100mSΔ	5.0m	60	60	4.0	500m	100n	1.0	10m	50	Δ*				15p	†	T092	A	
49	MPSA56	625m	100mSΔ	5.0m	80	80	4.0	500m	100n	1.0	10m	50	Δ*				15p	†	T092	A	
50	PN5142	625m	100mS	5.0m	20	20	4.0	500m	50n	1.0	50m	30	†				10p	†	T092	A	
51	PN5143	625m	100mS	5.0m	20	20	4.0	500m	50n	1.0	300m	15	†				10p	†	T092	A	
52#	TBC327	625m	100mS		50	45	5.0	500m	100n	1.0	100m	600	†				22p	E	T092	A	
53#	TBC328	625m	100mS		30	25	5.0	500m	100n	1.0	100m	600	†				22p	E	T092	A	
54	TP5142	625m	100mS		20	20	4.0	500m	50n	1.0	50m	30	Δ				10p	PE	T092	A	
55#	2SA922†	625m	120mS	5.0m	80	80	6.0	1.0	100n	2.0	100m	150	†				20p	PE	R179e	A	
56#	BC727	625m	120mS	5.0m	50	40	5.0	1.5	100n	1.0	500m	63	†*				20p	PE	T092	A	
57	BCX46†	625m	130mS	5.0m	45	45	5.0	1.0	100n	2.0	10m	160	†		110u	700	1.7	9.0p	AN	R210a	F
58	BCX48†	625m	130mS	5.0m	60	60	5.0	1.0	100n	2.0	10m	160	†		110u	700	1.7	9.0p	AN	R210a	F
59	BCX50†	625m	130mS	5.0m	80	80	5.0	1.0	100n	2.0	10m	160	†		110u	700	1.7	9.0p	AN	R210a	F
60	2N6067†	625m	150mSΔ	5.0m	50	40	5.0	100m	500n	1.0	10m	40	Δ				16p	†	T092	A	
61	A5T3497†	625m	150mSΔ	5.0m	120	120	4.5	100m	100n	100	10m	40	Δ		300u	1.2k	2.0	6.0p	PE	R203	A
62	A5T3638A†	625m	150mSΔ	5.0m	25	25	4.0	500m	35n	100	10m	100	Δ		1.2u	2.0k	15	10p	PE	R203	A
63	A5T4028†	625m	150mSΔ	5.0m	60	60	5.0	1.0	50n	5.0	100m	100	Δ				20p	PE	R203	A	
64	A5T4029†	625m	150mSΔ	5.0m	80	80	5.0	1.0	50n	5.0	100m	100	Δ				20p	PE	R203	A	
65	A5T4402†	625m	150mSΔ	5.0m	40	40	5.0	600m	100n	100	1.0m	30	Δ		100u	7.5k	8.0	8.5p	PE	T092	A
66	A8T4028†	625m	150mSΔ	5.0m	60	60	5.0	1.0	50n	5.0	100m	100	Δ				20p	PE	T092	A	
67	A8T4029†	625m	150mSΔ	5.0m	80	80	5.0	1.0	50n	5.0	100m	100	Δ				20p	PE	T092	A	
68#	BC376	625m	150mS		-25	-20	-5	1.0	100n	-1	-2	60	Δ					9.0p	PE	T092	A
69	BC486	625m	150mS	5.0m	45	45	4.0	1.0	100n	2.0	100m	60	Δ*				9.0p	AN	R210a	F	
70#	BC486	625m	150mS		45	♦		1.0		2.0	100m	60	Δ*				9.0p	AN	T092	F	
71	BC486-5	625m	150mS	5.0m	45	45	4.0	1.0	100n	2.0	100m	60	Δ*				9.0p	AN	R207	A	
72	BC486-18	625m	150mS	5.0m	45	45	4.0	1.0	100n	2.0	100m	60	Δ*				9.0p	AN	R204e	A	
73	BC486A5	625m	150mS	5.0m	45	45	4.0	1.0	100n	2.0	100m	140	†				9.0p	AN	R207	A	
74	BC486A18	625m	150mS	5.0m	45	45	4.0	1.0	100n	2.0	100m	140	†				9.0p	AN	R204e	A	
75	BC486A	625m	150mS	5.0m	45	45	4.0	1.0													