

4. SILICON PNP - LOW POWER TRANSISTORS

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

LINE No.	3	TYPE No.	1 MAX. COLL. DISS. @ 25°C (W)	2 DERATE IN FREE AIR W/°C	ABS MAX RATINGS @ 25°C										TYPICAL h' PARAMETERS							Cob (F)	STRUC-TURE	DWG Y200 s/a TO200 Ser.	# L O D E
					M A X P			Ic			MAX. Icb0 @ MAX Vcb				BIAS			COMMON EMITTER							
					V	V	V	(A)	(V)	(V)	(V)	(A)	(V)	(A)	hfe	hoe (mhos)	hie (Ω)	hre							
					VBcbo	VBceo	VEbo	lc	Vcb	le	hfe	hoe	hie	hre											
1	A5T3638†	625m	100mSΔ	5.0m	SS	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	SS	60	60	5.0	1.0	50n	5.0	100m	40 Δ				20p	PE	R203	A					
3	A5T4027†	625m	100mSΔ	5.0m	SS	80	80	5.0	1.0	50n	5.0	100m	40 Δ				20p	PE	R203	A					
4	A5T5221	625m	100mSΔ	5.0m	SS	15	15	3.0	500m	100n	100	50m	30 Δ				15pS	PE	R203	A					
5	A5T5227	625m	100mSΔ	5.0m	SS	30	30	3.0	50m	100n	100	2.0m	50 Δ				5.0pS	PE	R203	A					
6	A5T5400	625m	100mSΔ	5.0m	SS	130	120	5.0	600m	100n	100	1.0m	30 Δ				6.0p	PE	R203	A					
7	A5T5401	625m	100mSΔ	5.0m	SS	160	150	5.0	600m	50n	100	1.0m	40 Δ				6.0p	PE	R203	A					
8	A8T3702	625m	100mSΔ	5.0m	SS	40	25	5.0	200m	100n	5.0	50m	60 Δ				12p	PE	T092	A					
9	A8T3703	625m	100mSΔ	5.0m	SS	50	30	5.0	200m	100n	5.0	50m	30 Δ				12p	PE	T092	A					
10	A8T4026†	625m	100mSΔ	5.0m	SS	60	60	5.0	1.0	50n	5.0	100m	40 Δ				20p	PE	T092	A					
11	A8T4027†	625m	100mSΔ	5.0m	SS	80	80	5.0	1.0	50n	5.0	100m	40 Δ				20p	PE	T092	A					
12	BC231	625m	100mSΔ														12p		T092	B					
13	BC327AP	625m	100mS	5.0m	SJ	45	45	5.0	800m	100nS	1.0	100m	160 †				10p	PL1	B58	A					
14	BC327BP	625m	100mS	5.0m	SJ	45	45	5.0	800m	100nS	1.0	100m	250 †				12p	PL1	B58	A					
15	BC327CP	625m	100mS	5.0m	SJ	45	45	5.0	800m	100nS	1.0	100m	400 †				12p	PL1	B58	A					
16	BC328AP	625m	100mS	5.0m	SJ	25	5.0	800m	100nS	1.0	100m	160 †					12p	PL1	B58	A					
17	BC328BP	625m	100mS	5.0m	SJ	25	5.0	800m	100nS	1.0	100m	250 †					12p	PL1	B58	A					
18	BC328CP	625m	100mS	5.0m	SJ	25	5.0	800m	100nS	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														5.0p		T092	A					
26	BC527	625m	100mSΔ			60	◆	6.0	1.0	100n	1.0	100m	400 †				15p		T092	A					
27#	BC528	625m	100mSΔ	5.0m	SJ	80	80	6.0	1.0	100n	1.0	100m	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	SJ	32	◆	5.0	800m	20nS	1.0	100m	100 Δ				18p	PE1	R204d	A					
30#	BCX75-25†	625m	100mSΔ	5.0m	SJ	32	◆	5.0	800m	20nS	1.0	100m	160 Δ				18p	PE1	R204d	A					
31#	BCX75-40†	625m	100mSΔ	5.0m	SJ	32	◆	5.0	800m	20nS	1.0	100m	250 Δ				18p	PE1	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	20nS	1.0	100m	75 †					EPLΔ	R224	A					
34#	BCX76-25†	625m	100mSΔ	5.0m	SJ	45	◆	5.0	800m	20nS	1.0	100m	160 Δ				18p	PE1	R204d	A					
35#	BCX76-40†	625m	100mSΔ	5.0m	SJ	45	◆	5.0	800m	20nS	1.0	100m	250 Δ				18p	PE1	R204d	A					
36	GES93	625m	100mS			40	◆	4.0	400m	100n	2.0	50m	100 Δ				15p	PE	T092	A					
37	MPS3638†	625m	100mSΔ	5.0m	SJ	25	25	4.0	500m	35nS	100	10m	20 Δ				20p	DPE	T092	A					
38	MPS4354†	625m	100mS	5.0m	SJ	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		T092	A					
40	MPS4355†	625m	100mSΔ	5.0m	SJ	60	60	5.0	1.0	50n	100	10m	200	100u	550	1.0	30p	AN	T092	A					
41#	MPS4355□	625m	100mSΔ			60	◆		1.0		100	10m	100 Δ				30p		T092	A					
42	MPS4356†	625m	100mS	5.0m	SJ	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		T092	A					
44	MPS5142†	625m	100mSΔ	5.0m	SJ	20	20	4.0	500m	50nS	3.0	50m	1.0 Δ				10p		T092	A					
45	MPS5143†	625m	100mSΔ	5.0m	SJ	20	20	4.0	500m	50nS	3.0	50m	1.0 Δ				10p		T092	A					
46	MPS5855	625m	100mSΔ	5.0m	SJ	60	60	5.0	1.0	100n	1.0	50m	1.0 Δ				15p		T092	A					
47	MPS5857	625m	100mSΔ	5.0m	SJ	60	60	5.0	1.0	100n	1.0	50m	1.0 Δ				15p		T092	A					
48	MPSA55	625m	100mSΔ	5.0m	SJ	60	60	4.0	500m	100n	1.0	10m	50 Δ#				15p		T092	A					
49	MPSA56	625m	100mSΔ	5.0m	SJ	80	80	4.0	500m	100n	1.0	10m	50 Δ#				15p	AN†	T092	A					
50	PN5142	625m	100mS	5.0m	SS	20	20	4.0	500m	50n#	1.0	50m	30 †#Δ				10p		T092	A					
51	PN5143	625m	100mS	5.0m	SS	20	20	4.0	500m	50n#	1.0	300m	15 †#Δ				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	100m			20	20	4.0	500m	50n	1.0	50m	30 Δ				10p	PE	T092	A					
55#	2SA922†	625m	120mS	5.0m	SJ	80	80	6.0	1.0	100n	2.0	100m	150 †				20p	PE	R179e	A					
56#	BC727	625m	120mS	5.0m	SJ	50	40	5.0	1.5	100n	1.0	500m	63 †*				20p	PE	T092	A					
57	BCX46†	625m	130mS	5.0m	SJ	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	SJ	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	SJ	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	SS	50	40	5.0	100m	500n	1.0	10m	40 Δ				16p		T092	A					
61	A5T3497†	625m	150mSΔ	5.0m	SS	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	SS	25	25	4.0	500m	35nS	100	10m	100 Δ	1.2u	2.0k	15 □	10p	PE	R203	A					
63	A5T4028†	625m	150mSΔ	5.0m	SS	60	60	5.0	1.0	50n	5.0	100m	100 Δ				20p	PE	R203	A					
64	A5T4029†	625m	150mSΔ	5.0m	SS	80	80	5.0	1.0	50n	5.0	100m	100 Δ				20p	PE	R203	A					
65	A5T4402†	625m	150mSΔ	5.0m	SS	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	SS	60	60	5.0	1.0	50n	5.0	100m	100 Δ				20p	PE	T092	A					
67	A8T4029†	625m	150mSΔ	5.0m	SS	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	-1.0	-2.0	60 Δ					PE	T092	A					
69	BC486	625m	150mS	5.0m	SJ	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		T092	F					
71	BC486-5	625m	150mS	5.0m	SJ	45	45	4.0	1.0	100n	2.0	100m	60 Δ#				9.0p	AN	R207	A					
72	BC486-18	625m	150mS	5.0m	SJ	45	45	4.0	1.0	100n	2.0	100m	60 Δ#				9.0p	AN	R204e	A					
73	BC486A5	625m	150mS	5.0m	SJ	45	45	4.0	1.0	100n	2.0	100m	140 †				9.0p	AN	R207	A					
74	BC486A18	625m	150mS	5.0m	SJ	45	45	4.0	1.0	100n	2.0	100m	140 †				9.0p	AN	R204e	A					
75	BC486A	625m	150mS	5.0m	SJ	45	4																		