

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)	3 M A M P	ABS MAX RATINGS @ 25°C			MAX lobo @ MAX Vcb (A)	TYPICAL 'h' PARAMETERS			COMMON EMITTER			Cob (F)	STRUC-TURE	DWG # L C	# E O D E		
					BVcbo (V)	BVceo (V)	BVebo (V)		ic (A)	Vcb (V)	le (A)	hfe	hoe (mhos)	hie (Ω)					hre (X.0001)	
1 #	BCY31	250m	1.7MΔ	2.0m	\$J	64	64	45	100m	50n	6.0	1.0m	35	25u	1.4k	6.0	A	T05	A	
2	2N939	250m	2.0MΔ	1.6m	\$S	40	35	40	100m	25n	6.0	1.0m	18 Δ				A	T018	A	
3	2N940	250m	2.0MΔ	1.6m	\$S	40	35	40	100m	25n	6.0	1.0m	36 Δ				A	T018	A	
4	2N1026	250m	2.0MΔ	1.6m	\$J	40	35	40	100m	25n	6.0	1.0m	18 Δ				A	T05	A	
5	JAN2N1026	250m	2.0MΔ	1.4m	\$A	40	35	40	100m	25n	6.0	1.0m	18 Δ	2.5uZb	75 Z	20 Z	A	T05	A	
6	2N1220	250m	2.0MΔ	1.6m	\$J	30	25	20	100m	100n	25.0	5.0m	9.0 Δ				A	T05	A	
7	2N1222	250m	2.0MΔ	1.7m	\$J	30	25	10	100m	10u	6.0	1.0m	9.0 Δ				A	T05	A	
8	2N1223	250m	2.0M	1.7m	\$J	40	40	10	100m	10u	6.0	1.0m	6.0 Δ				A	T05	A	
9	2N1469	250m	2.0MΔ	1.6m	\$J	40	35	40	100m	25n	6.0	1.0m	36 Δ				A	T05	A	
10	JAN2N1469	250m	2.0MΔ	1.4m	\$A	40	35	40	100m	25n	6.0	1.0m	36 Δ	2.5uZb	75 Z	20 Z	A	T05	A	
11	2N1474A	250m	2.0M	1.6m	\$J	60	60	40	100m	50n	6.0	1.0m	18 Δ				A	T05	A	
12	2N1917	250m	2.0M	1.7m	\$S	25	8.0	25	50m	2.5n	6.0	1.0m	50			7.0p	AΔ	T05	A	
13	2N3343	250m	2.0MΔ	1.7m	\$S	25	8.0	25	50m	3n	5.0	2.5m	20 Δ				A	T05	A	
14	2N3344	250m	2.0MΔ	1.7m	\$S	30	30	30	50m	2n	5.0	1.0m	25 Δ				A	T05	A	
15	2N3345	250m	2.0MΔ	1.7m	\$S	50	50	50	50m	5n	5.0	1.0m	15 Δ				A	T05	A	
16	2N3346	250m	2.0MΔ	1.7m	\$S	50	50	50	50m	5n	5.0	1.0m	25 Δ				A	T05	A	
17 #	BCY34	250m	2.4M	2.0m	\$J	32	32	16	100m	0.5u	6.0	1.0m	35	25u	1.4k	6.0	A	T05	A	
18 #	BCY32	250m	2.5M	2.0m	\$J	64	64	32	100m	0.5u	6.0	1.0m	55	30u	1.7k	5.0	A	T05	A	
19 #	OC201	250m	3.2M	2.0m	\$J	25	20	20	50m	50u	6.0	1.0m	40	80uZ	2.5kZ	7 Z	∅	R8	A	
20 #	OC202	250m	3.2M	2.0m	\$J	15	10	10	50m	50u	6.0	1.0m	70	42u	2.1k	6.0	∅	R8	A	
21	2N1027	250m	4.0MΔ	1.6m	\$J	18	15	18	100m	25n	6.0	1.0m	18 Δ				∅	T05	A	
22	2N1219	250m	5.0MΔ	1.7m	\$J	30	25	20	100m	10u	6.0	5.0m	18 Δ				∅	T05	A	
23	2N1221	250m	5.0MΔ	1.7m	\$J	30	25	10	100m	10u	6.0	1.0m	18 Δ				A	T05	A	
24	2N4285	250m	7.0MΔ	2.0m	\$S	35	35	35	50m	10n	5.0	1.0m	600 Z	1.2uZb	40 Z	10	∅	X149	A	
25	2N1028	250m	7.2MΔ	1.6m	\$J	12	10	12	100m	25n	6.0	1.0m	9.0 Δ				∅	T05	A	
26	2N942	250m	10MΔ	1.6m	\$S	25	8.0	25	50m	2.5n	6.0	1.0m	25 Δ				∅	T018	A	
27	2N1918	250m	10MΔ	1.7m	\$S	25	8.0	25	50m	2.5n	6.0	1.0m	50				∅	T05	A	
28	2N941	250m	16MΔ	1.7m	\$S	25	8.0	25	50m	2.5n	6.0	1.0m	25 Δ				AΔ	T018	A	
29	HA90541	250m	25MΔ	1.8m	\$A	15	5.0	5.0	200n	10	2.0m	25		b	30 Z		ME	T018	A	
30	HA90561	250m	25MΔ	1.8m	\$A	30	5.0	5.0	200n	10	2.0m	25		b	30 Z		ME	T018	A	
31	HA90581	250m	25MΔ	1.8m	\$A	50	5.0	5.0	200n	10	2.0m	25		b	30 Z		ME	T018	A	
32	2N3812*	250m	30MΔ	1.5m	\$S	60	60	50	50m	0.1u	10.0	1.0m	150 Δ	60uZ	15kZ	25 Z	∅	X22	A	
33	2N3813*	250m	30MΔ	1.5m	\$S	60	60	50	50m	0.1u	10.0	1.0m	300 Δ	60uZ	40kZ	25 Z	∅	X22	A	
34	2N3814*	250m	30MΔ	1.5m	\$S	60	60	50	50m	0.1u	10.0	1.0m	150 Δ	60uZ	15kZ	25 Z	∅	X22	A	
35	2N3815*	250m	30MΔ	1.5m	\$S	60	60	50	50m	0.1u	10.0	1.0m	300 Δ	60uZ	40kZ	25 Z	∅	X22	A	
36	2N3816*	250m	30MΔ	1.5m	\$S	60	60	50	50m	0.1u	10.0	1.0m	150 Δ	60uZ	15kZ	25 Z	∅	X22	A	
37	2N3817*	250m	30MΔ	1.5m	\$S	60	60	50	50m	0.1u	10.0	1.0m	300 Δ	60uZ	40kZ	25 Z	∅	X22	A	
38	2N4288	250m	40MΔ	2.0m	\$S	30	25	6.0	100m	50n	5.0	1.0m	60 Δ	10uZb	40 Z	1.2 Z	∅	X149	B	
39	2N4289	250m	40MΔ	2.0m	\$S	60	45	7.0	100m	10n	5.0	1.0m	60 Δ	10uZb	40 Z	1.2 Z	∅	X149	B	
40 #	2SA749	250m	40MΔ	2.0m	\$J	100	100	50	50m	100n	1.0	2.0m	80 †				PE	T092	B	
41	HA90551	250m	40MΔ	1.8m	\$A	15	5.0	5.0	200n	10	2.0m	55		b	30 Z		ME	T018	A	
42	HA90571	250m	40MΔ	1.8m	\$A	30	5.0	5.0	200n	10	2.0m	55		b	30 Z		ME	T018	A	
43	HA90591	250m	40MΔ	1.8m	\$A	50	5.0	5.0	200n	10	2.0m	55		b	30 Z		ME	T018	A	
44	HA7206	250m	45M	2.0m	\$A	70	4.0	4.0	250n	10	2.0m	10					ME†	T018	A	
45 #	2SA675	250m	50MΔ	2.5m	\$J	80	80	5.0	100m	1.0u	3.0	2.0m	120 †	300nb	20	600m	3.0p	E	T092	A
46 #	BSV68	250m	50MΔ	2.0m	\$A	70	100	4.0	100m	5.0	2.5m	30 †					PE	T018	A	
47	HA7207	250m	55M	2.0m	\$A	70	4.0	4.0	250n	10	2.0m	10					ME†	T018	A	
48	2N2802*	250m	60MΔ	1.6m	\$S	25	20	5.0	30m	10n	5.0	1.0m	20 Δ	1.0uZb	32 Z	12 Z	∅	R131c	PA	
49	2N2803*	250m	60MΔ	1.6m	\$S	25	20	5.0	30m	10n	5.0	1.0m	20 Δ	1.0uZb	32 Z	12 Z	∅	R131c	PA	
50	2N2804*	250m	60MΔ	1.6m	\$S	25	20	5.0	30m	10n	5.0	1.0m	20 Δ	1.0uZb	32 Z	12 Z	∅	R131c	PA	
51	2N2805*	250m	60MΔ	1.6m	\$S	25	20	5.0	30m	10n	5.0	1.0m	40 Δ	1.0uZb	32 Z	12 Z	∅	R131c	PA	
52	2N2806*	250m	60MΔ	1.6m	\$S	25	20	5.0	30m	10n	5.0	1.0m	40 Δ	1.0uZb	32 Z	12 Z	∅	R131c	PA	
53	2N2807*	250m	60MΔ	1.6m	\$S	25	20	5.0	30m	10n	5.1	1.0m	40 Δ	1.0uZb	32 Z	12 Z	∅	R131c	PA	
54	2N3049*	250m	60MΔ	1.6m	\$S	25	20	5.0	100m	10n	5.0	1.0m	30 Δ	50uZ	4.5kZ		∅	T099	A	
55	2N3050*	250m	60MΔ	1.6m	\$S	25	20	5.0	100m	10n	5.0	1.0m	30 Δ	50uZ	4.5kZ		∅	T099	A	
56	2N3051†	250m	60MΔ	1.6m	\$S	25	20	5.0	100m	10n	5.0	1.0m	30 Δ	50uZ	4.5kZ		∅	T099	A	
57 #	BC201	250m	80M	1.0m	\$J	5.0	5.0	5.0	75m	100n	5.0	250u	900 *Z				PE	X15	B	
58 #	BSV68	250m	95M	2.0m	\$J	110	100	6.0	100m	10u	5.0	1.0m	30 †				PE	T018	A	
59	2N3800*	250m	100MΔ	1.4m	\$S	60	60	5.0	50m	0.1u	10.0	1.0m	150 Δ	60uZ	30kZ	25 Z	∅	T071	PM	
60	2N3801*	250m	100MΔ	1.4m	\$S	60	60	5.0	50m	0.1u	10.0	1.0m	300 Δ	60uZ	40kZ	25 Z	∅	T071	PM	
61	2N3802*	250m	100MΔ	1.4m	\$S	60	60	5.0	50m	0.1u	10.0	1.0m	150 Δ	60uZ	30kZ	25 Z	∅	T071	PM	
62	2N3803*	250m	100MΔ	1.4m	\$S	60	60	5.0	50m	0.1u	10.0	1.0m	300 Δ	60uZ	40kZ	25 Z	∅	T071	PM	
63	2N3804*	250m	100MΔ	1.4m	\$S	60	60	5.0	50m	0.1u	10.0	1.0m	150 Δ	60uZ	30kZ	25 Z	∅	T071	PM	
64	2N3804A*	250m	100MΔ	1.4m	\$S	60	60	5.0	50m	10n	10.0	1.0m	150 Δ	60uZ	30kZ	25 Z	∅	T071	PM	
65	2N3805*	250m	100MΔ	1.4m	\$S	60	60	5.0	50m	0.1u	10.0	1.0m	300 Δ	60uZ	40kZ	25 Z	∅	T071	PM	
66	2N3805A*	250m	100MΔ	1.4m	\$S	60	60	5.0	50m	0.1u	10.0	1.0m	300 Δ	60uZ	40kZ	25 Z	∅	T071	PM	
67																				