

# 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 AIR W/°C	M E M A P	T ABS MAX RATINGS @ 25°C			MAX. l c b o @ MAX Vcb (A)	TYPICAL 'h' PARAMETERS			COMMON EMITTER			Cob (F)	STRUC-TURE	DWG # Y200 s/a TO200 Ser.	L C O A D E
					V Vcbo	V Vceo	V Ic		Vcb (V)	le (A)	hfe	hoe (mhos)	hie (Ω)	hre (X.0001)				
1	2N36711	600m	200MΔ	3.4m	SS	60	50	5.0	600m	10n	100	10m	55	Δ			T05	A
2#	2SA730	600m	200M	6.0m	ΔJ	30	25	5.0	500m	100n	100	500m	90	†			R209	B
3#	2SA731	600m	200M	6.0m	ΔJ	30	25	5.0	500m	100n	100	500m	90	†			R209	B
4#	2S8621	600m	200M	5.4m	ΔJ	30	25	5.0	1.5	100n	100	500m	60	Δ			T092	B
5	PN2906	600m	200M	4.8m	ΔJ	60	40	5.0	600m	20n	100	1.0m	25	Δ			T092	A
6	PN2906A	600m	200M	4.8m	ΔJ	60	40	5.0	600m	10n	100	1.0m	40	Δ			T092	A
7	PN2907	600m	200M	4.8m	ΔJ	60	60	5.0	600m	20n	100	1.0m	50	Δ			T092	A
8	PN2907A	600m	200M	4.8m	ΔJ	60	60	5.0	600m	10n	100	1.0m	100	Δ			T092	A
9	PN3644	600m	200MΔ	4.8m	ΔJ	45	45	5.0	500m	35n	100	1.0m	80	Δ			T092	A
10	PN3645	600m	200MΔ	4.8m	ΔJ	60	60	5.0	500m	35n	100	1.0m	80	Δ			T092	A
11	MD982	600m	320M	3.4m	ΔJ	60	50	5.0	600m	20n	100	150m	60	†			AN	PA
12	MD7001*	600m	320M	3.4m	ΔJ	50	30	5.0	600m	100n	100	1.0m	50	†			AN	PA
13	PN4916	600m	400MΔ	4.8m	ΔJ	30	30	5.0	100m	25n	1.0	1.0m	60	Δ			PL	T092
14	PN4917	600m	450MΔ	4.8m	ΔJ	30	30	5.0	100m	25n	1.0	1.0m	150	Δ			PL	T092
15	PN3639	600m	500MΔ	4.8m	ΔJ	6.0	6.0	4.0	80m	10n	1.0	50m	20	Δ			PL	T092
16	PN3640	600m	500MΔ	4.8m	ΔJ	12	12	4.0	80m	10n	1.0	50m	20	Δ			PL	T092
17	PN4258	600m	700MΔ	4.8m	ΔJ	12	12	4.5	50m	10n	3.0	10m	30	Δ			PL	T092
18	PN4258A	600m	700MΔ	4.8m	ΔJ	12	12	4.5	50m	10n	3.0	10m	30	Δ			PL	T092
19	PN5910	600m	700MΔ	4.8m	ΔJ	20	20	4.5	50m	10n	5.0	1.0m	15	Δ			PL	T092
20#	BCW92	610m	135MΔ	4.3m	ΔJ	50	40	5.0	800m	30n	2.0	150m	100	Δ			PE	R203a
21#	BCW92Z	610m	135MΔ	4.3m	ΔJ	50	40	5.0	800m	30n	2.0	150m	100	Δ			PE	R203a
22	BCW92A	610m	135MΔ	4.8m	ΔJ	50	40	5.0	800m	30n	2.0	2.0m	60	Δ			PE	R203a
23	BCW92B	610m	135MΔ	4.8m	ΔJ	50	40	5.0	800m	30n	2.0	2.0m	80	Δ			PE	R203a
24	BCW92KA	610m	135MΔ	4.8m	ΔJ	50	40	5.0	800m	30n	2.0	2.0m	60	Δ			PE	R203a
25	BCW92KB	610m	135MΔ	4.8m	ΔJ	50	40	5.0	800m	30n	2.0	2.0m	80	Δ			PE	R203a
26#	BCW93	610m	135MΔ	4.3m	ΔJ	70	60	5.0	800m	30n	2.0	140m	100	Δ			PE	R203a
27#	BCW93Z	610m	135MΔ	4.3m	ΔJ	70	60	5.0	800m	30n	2.0	150m	100	Δ			PE	R203a
28	BCW93A	610m	135MΔ	4.8m	ΔJ	70	60	5.0	800m	30n	2.0	2.0m	60	Δ			PE	R203a
29	BCW93B	610m	135MΔ	4.8m	ΔJ	70	60	5.0	800m	30n	2.0	2.0m	80	Δ			PE	R203a
30	BCW93KA	610m	135MΔ	4.8m	ΔJ	70	60	5.0	800m	30n	2.0	2.0m	60	Δ			PE	R203a
31	BCW93KB	610m	135MΔ	4.8m	ΔJ	70	60	5.0	800m	30n	2.0	2.0m	80	Δ			PE	R203a
32#	2SA923-11	625m	5.0m	5.0m	ΔJ	200	150	5.0	200m	200n	5.0	3.0m	150	†			E	R179e
33#	2SA923-21	625m	5.0m	5.0m	ΔJ	200	175	5.0	200m	200n	5.0	3.0m	150	†			E	R179e
34#	2SA993	625m	5.0m	5.0m	ΔJ	50	50	5.0	500m	100n	3.0	150m	100	Δ			E	T092
35	A8T4058	625m	5.0m	5.0m	ΔS	30	30	6.0	30m	100n	5.0	1.0m	45	Δ			PE	T092
36	A8T4059	625m	5.0m	5.0m	ΔS	30	30	6.0	30m	100n	5.0	1.0m	45	Δ			PE	T092
37	A8T4060	625m	5.0m	5.0m	ΔS	30	30	6.0	30m	100n	5.0	1.0m	90	Δ			PE	T092
38	A8T4061	625m	5.0m	5.0m	ΔS	30	30	6.0	30m	100n	5.0	1.0m	180	Δ			PE	T092
39	A8T4062	625m	5.0m	5.0m	ΔS	30	30	6.0	30m	100n	5.0	1.0m	180	Δ			PE	T092
40#	BC231A	625m	5.0m	5.0m	ΔS	40	30	5.0	400m	100n	5.0	50m	100	Δ			PE	T092
41#	BC231B	625m	5.0m	5.0m	ΔS	40	30	5.0	400m	100n	5.0	50m	200	Δ			PE	T092
42	BC327-10	625m	5.4m	5.0m	ΔJ	45	45	5.0	800m	100n	1.0	100m	63	Δ			PE	T092
43	BC328-10	625m	5.4m	5.0m	ΔJ	40	25	5.0	200m	100n	5.0	2.5m	60	Δ			PE	X55c
44#	BC381	625m	5.0m	5.0m	ΔS	40	25	5.0	100m	50n	1.0	100m	20	Δ			PE	R203c
45#	BF397	625m	5.0m	5.0m	ΔS	90	90	6.0	100m	100n	1.0	10m	40	Δ			PE	T092
46#	BF397Z	625m	5.0m	5.0m	ΔS	150	150	6.0	100m	50n	1.0	10m	25	Δ			PE	R203c
47#	BF398	625m	5.0m	5.0m	ΔS	150	150	6.0	100m	100n	1.0	10m	30	Δ			PE	T092
48#	BF398Z	625m	5.0m	5.0m	ΔS	150	150	6.0	100m	100n	1.0	10m	30	Δ			PE	T092
49#	JE9012D	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	64	Δ			†	T092
50#	JE9012E	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	78	Δ			†	T092
51#	JE9012F	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	96	Δ			†	T092
52#	JE9012G	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	118	Δ			†	T092
53	JE9012H	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	144	Δ			†	T092
54	JE9015	625m				50	45	6.0	100m	50n	-5	-1m	200	†				
55	MPS9466	625m	5.0m	5.0m	ΔJ	50	50	4.0	600m	100n	1.0	50m	45	Δ				
56#	MPS9484	625m	5.0m	5.0m	ΔJ	25	25	4.0	100m	100n	1.0	100m	100	Δ			13p	PE
57	PN6076	625m	5.0m	5.0m	ΔJ	25	25	4.0	400m	100n	2.0	50m	100	Δ			PE	T092
58	TIS91	625m	5.0m	5.0m	ΔJ	40	40	5.0	400m	1.0u	2.0	50m	160	†			PE	R203
59	TIS93	625m	5.0m	5.0m	ΔJ	40	40	5.0	400m	1.0u	2.0	50m	160	†			PE	R203
60	A5T404	625m	4.0MΔ	5.0m	ΔS	25	24	12	150m	100n	15	12m	30	Δ			20p	PE
61	A5T404A	625m	4.0MΔ	5.0m	ΔS	40	35	25	150m	100n	15	12m	30	Δ			20p	PE
62	A8T404	625m	4.0MΔ	5.0m	ΔS	25	24	12	150m	100n	15	12m	30	Δ			20p	PE
63	A8T404A	625m	4.0MΔ	5.0m	ΔS	40	35	25	150m	100n	15	12m	30	Δ			20p	PE
64	A5T2604	625m	3.0MΔ	5.0m	ΔS	60	45	6.0	30m	10n	5.0	1.0m	60	Δ			1.0u	PE
65	A5T2605	625m	3.0MΔ	5.0m	ΔS	60	45	6.0	30m	10n	5.0	1.0m	150	Δ			1.0u	PE
66#	BF692	625m	3.0MΔ	5.0m	ΔS	300	300	5.0	500m	100n	10	30m	25	Δ			6.0p	PE
67#	BF693	625m	3.0MΔ	5.0m	ΔS	200	200	5.0	500m	100n	10	30m	30	Δ			8.0p	PE
68	MPS4888	625m	3.0MΔ	5.0m	ΔJ	150	150	6.0	100m	50n	5.0	500m	1.5	Δ			40u	PE
69	MPS5138	625m	3.0MΔ	5.0m	ΔJ	30	30	5.0	100m	50n	5.0	500m	1.5	Δ			40u	PE
70#	MPS151	625m	3.0MΔ	5.0m	ΔJ	100	100	6.0	600m	100n	5.0	50m	40	Δ			8.0p	PE
71	PN4888	625m	3.0MΔ	5.0m	ΔJ	150	150	6.0	1									