

# 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 A M 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	V	V		Vcb	le	hfe	hoe	hie	hre							
1	2N36711	600m	200MΔ	3.4m	SS	60	50	5.0	600m	10n	100	10m	55	Δ		9p	TO5	A			
2#	2SA730	600m	200M	6.0m	ΔJ	30	25	5.0	500m	100n	100	500m	90	↑	6.0p	PE	R209	B			
3#	2SA731	600m	200M	6.0m	ΔJ	30	25	5.0	500m	100n	100	500m	90	↑	6.0p	PE	R209	B			
4#	2S8621	600m	200M	5.4m	ΔJ	30	25	5.0	1.5	100n	100	500m	60	Δ	20p	PL	TO92	B			
5	PN2906	600m	200M	4.8m	ΔJ	60	40	5.0	600m	20n	100	1.0m	25	Δ	8.0p	PL	TO92	A			
6	PN2906A	600m	200M	4.8m	ΔJ	60	60	5.0	600m	10n	100	1.0m	40	Δ	8.0p	PL	TO92	A			
7	PN2907	600m	200M	4.8m	ΔJ	60	60	5.0	600m	20n	100	1.0m	50	Δ	8.0p	PL	TO92	A			
8	PN2907A	600m	200M	4.8m	ΔJ	60	60	5.0	600m	10n	100	1.0m	100	Δ	8.0p	PL	TO92	A			
9	PN3644	600m	200MΔ	4.8m	ΔJ	45	45	5.0	500m	35n	100	1.0m	80	Δ	8.0p	PL	TO92	A			
10	PN3645	600m	200MΔ	4.8m	ΔJ	60	60	5.0	500m	35n	100	1.0m	80	Δ	8.0p	PL	TO92	A			
11	MD982	600m	320M	3.4m	ΔJ	60	50	5.0	600m	20n	100	150m	60	↑	5.8p	AN	TO99	PA			
12	MD7001*	600m	320M	3.4m	ΔJ	50	30	5.0	600m	100n	100	1.0m	50	↑#	5.8p	AN	TO99	PA			
13	PN4916	600m	400MΔ	4.8m	ΔJ	30	30	5.0	100m	25n	1.0	1.0m	60	Δ	4.5p	PL	TO92	A			
14	PN4917	600m	450MΔ	4.8m	ΔJ	30	30	5.0	100m	25n	1.0	1.0m	150	Δ	4.5p	PL	TO92	A			
15	PN3639	600m	500MΔ	4.8m	ΔJ	6.0	6.0	4.0	80m	10n	1.0	50m	20	Δ	3.5p	PL	TO92	A			
16	PN3640	600m	500MΔ	4.8m	ΔJ	12	12	4.0	80m	10n	1.0	50m	20	Δ	3.5p	PL	TO92	A			
17	PN4258	600m	700MΔ	4.8m	ΔJ	12	12	4.5	50m	10n	3.0	10m	30	Δ	3.0p	PL	TO92	A			
18	PN4258A	600m	700MΔ	4.8m	ΔJ	12	12	4.5	50m	10n	3.0	10m	30	Δ	3.0p	PL	TO92	A			
19	PN5910	600m	700MΔ	4.8m	ΔJ	20	20	4.5	50m	10n	5.0	1.0m	15	Δ	3.0p	PL	TO92	A			
20#	BCW92	6.10m	135MΔ	4.3m	ΔJ	50	40	5.0	800m	30n	2.0	150m	100	Δ	15p	PE	R203a	A			
21#	BCW92Z	6.10m	135MΔ	4.3m	ΔJ	60	60	5.0	800m	30n	2.0	150m	100	Δ*	15p	PE	R203a	F			
22	BCW92A	6.10m	135MΔ	4.8m	ΔJ	50	40	5.0	800m	30n	2.0	2.0m	60	Δ	10p	PEΔ	R203a	A			
23	BCW92B	6.10m	135MΔ	4.8m	ΔJ	50	40	5.0	800m	30n	2.0	2.0m	80	Δ	10p	PEΔ	R203a	A			
24	BCW92KA	6.10m	135MΔ	4.8m	ΔJ	50	40	5.0	800m	30n	2.0	2.0m	60	Δ	10p	PEΔ	R203a	A			
25	BCW92KB	6.10m	135MΔ	4.8m	ΔJ	50	40	5.0	800m	30n	2.0	2.0m	80	Δ	10p	PEΔ	R203a	A			
26#	BCW93	6.10m	135MΔ	4.3m	ΔJ	70	60	5.0	800m	30n	2.0	140m	100	Δ	15p	PE	R203a	A			
27#	BCW93Z	6.10m	135MΔ	4.3m	ΔJ	60	60	5.0	800m	30n	2.0	150m	100	Δ*	10p	PE	R203a	F			
28	BCW93A	6.10m	135MΔ	4.8m	ΔJ	70	60	5.0	800m	30n	2.0	2.0m	60	Δ	10p	PEΔ	R203a	A			
29	BCW93B	6.10m	135MΔ	4.8m	ΔJ	70	60	5.0	800m	30n	2.0	2.0m	80	Δ	10p	PEΔ	R203a	A			
30	BCW93KA	6.10m	135MΔ	4.8m	ΔJ	70	60	5.0	800m	30n	2.0	2.0m	60	Δ	10p	PEΔ	R203a	A			
31	BCW93KB	6.10m	135MΔ	4.8m	ΔJ	70	60	5.0	800m	30n	2.0	2.0m	80	Δ	10p	PEΔ	R203a	A			
32#	2SA923-11	625m	5.0m	5.0m	ΔJ	200	150	5.0	200m	200n	5.0	3.0m	150	↑*	3.5p	PE	R179e	A			
33#	2SA923-21	625m	5.0m	5.0m	ΔJ	200	175	5.0	200m	200n	5.0	3.0m	150	↑*	3.5p	PE	R179e	A			
34#	2SA993	625m	5.0m	5.0m	ΔJ	50	50	5.0	500m	100n	3.0	150m	100	Δ	E	TO92	A				
35	A8T4058	625m	5.0m	5.0m	SS	30	30	6.0	30m	100n	5.0	1.0m	45	Δ	PE	TO92	A				
36	A8T4059	625m	5.0m	5.0m	SS	30	30	6.0	30m	100n	5.0	1.0m	45	Δ	PE	TO92	A				
37	A8T4060	625m	5.0m	5.0m	SS	30	30	6.0	30m	100n	5.0	1.0m	90	Δ	PE	TO92	A				
38	A8T4061	625m	5.0m	5.0m	SS	30	30	6.0	30m	100n	5.0	1.0m	180	Δ	PE	TO92	A				
39	A8T4062	625m	5.0m	5.0m	SS	30	30	6.0	30m	100n	5.0	1.0m	180	Δ	PE	TO92	A				
40#	BC231A	625m	5.0m	5.0m	SS	40	30	5.0	400m	100n	5.0	50m	100	Δ#	PE↑	TO92	B				
41#	BC231B	625m	5.0m	5.0m	SS	40	30	5.0	400m	100n	5.0	50m	200	Δ#	PE↑	TO92	B				
42	BC327-10	625m	5.4m	5.0m	ΔJ	45	45	5.0	800m	100n	1.0	100m	63	Δ	PE	TO92	F				
43	BC328-10	625m	5.4m	5.0m	ΔJ	40	25	5.0	200m	100n	5.0	2.5m	60	Δ#	PE	X55c	A				
44	BC381	625m	5.0m	5.0m	SS	40	25	5.0	200m	100n	5.0	100m	20	Δ	PE↑	R203c	A				
45#	BF397	625m	5.0m	5.0m	SS	90	90	6.0	100m	50n	1.0	100m	40	Δ	PE↑	TO92	F				
46#	BF397Z	625m	5.0m	5.0m	SS	150	150	6.0	100m	50n	1.0	100m	25	Δ	PE↑	R203c	A				
47#	BF398	625m	5.0m	5.0m	SS	150	150	6.0	100m	50n	1.0	100m	30	Δ	PE↑	TO92	F				
48#	BF398Z	625m	5.0m	5.0m	SS	150	150	6.0	100m	50n	1.0	100m	30	Δ	PE↑	TO92	F				
49#	JE9012D	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	64	Δ*	↑	TO92	A				
50#	JE9012E	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	78	Δ*	↑	TO92	A				
51#	JE9012F	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	96	Δ*	↑	TO92	A				
52#	JE9012G	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	118	Δ*	↑	TO92	A				
53	JE9012H	625m	5.0m	5.0m	ΔJ	40	20	5.0	500m	200n	1.0	50m	144	Δ*	↑	TO92	A				
54	JE9015	625m			SS	50	45	6.0	100m	50n	1.0	100m	200	↑	↑	TO92	A				
55	MPS9466	625m	5.0m	5.0m	ΔJ	50	50	4.0	600m	100n	1.0	50m	45	Δ*	13p	PEΔ	TO92	A			
56#	MPS9484	625m	5.0m	5.0m	ΔJ	25	25	4.0	100m	100n	1.0	100m	100	Δ	13p	PEΔ	TO92	A			
57	PN6076	625m	5.0m	5.0m	ΔJ	25	25	4.0	100m	100n	1.0	100m	100	Δ	13p	PEΔ	TO92	A			
58	TIS91	625m	5.0m	5.0m	SS	40	40	5.0	400m	100n	2.0	50m	100	Δ	PE	TO92	B				
59	TIS93	625m	5.0m	5.0m	SS	40	40	5.0	400m	100n	2.0	50m	160	Δ	PE↑	R203	A				
60	A5T404	625m	4.0MΔ	5.0m	SS	25	24	12	150m	100n	15	12m	30	Δ	20p	PE	R203	A			
61	A5T404A	625m	4.0MΔ	5.0m	SS	40	35	25	150m	100n	15	12m	30	Δ	20p	PE	R203	A			
62	A8T404	625m	4.0MΔ	5.0m	SS	25	24	12	150m	100n	15	12m	30	Δ	20p	PE	TO92	A			
63	A8T404A	625m	4.0MΔ	5.0m	SS	40	35	25	150m	100n	15	12m	30	Δ	20p	PE	TO92	A			
64	A5T2604	625m	30MΔ	5.0m	SS	60	45	6.0	30m	10n	5.0	1.0m	60	Δ	1.0ub	35 b	10 b	6.0p	PE	R203	A
65	A5T2605	625m	30MΔ	5.0m	SS	60	45	6.0	30m	10n	5.0	1.0m	150	Δ	1.0ub	35 b	10 b	6.0p	PE	R203	A
66#	BF692	625m	30MΔ	5.0m	SS	300	300	5.0	500m	100n	10	30m	25	Δ	6.0p	PE	TO92	A			
67#	BF693	625m	30MΔ	5.0m	SS	200	200	5.0	500m	100n	10	30m	30	Δ	8.0p	PE	TO92	A			
68	MPS4888	625m	30MΔ	5.0m	ΔJ	150	150	6.0	100m	50n	5.0	500m	1.5	Δ	40u	20k		4.0p	PE	TO92	A
69	MPS5138	625m	30MΔ	5.0m	ΔJ	30	30	5.0	100m	50n	5.0	500m	1.5	Δ	40u	20k		7.0p	PE		