

# 4. SILICON PNP - LOW POWER TRANSISTORS

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

LINE No.	TYPE No.	MAX. COLL. DISS. @ 25°C (W)	DERATE IN FREE AIR W/°C (Hz)	M E M P X	ABS MAX RATINGS @ 25°C				MAX. I <sub>cb0</sub> @ V <sub>cb</sub> (A)	TYPICAL h <sub>f</sub> PARAMETERS			COMMON EMITTER			Cob (F)	STRUC-TURE	DWG #/a TO200 Ser.	L C O D E
					V <sub>cb0</sub> (V)	V <sub>ceo</sub> (V)	V <sub>be0</sub> (V)	I <sub>c</sub> (A)		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	TPS112	825m	150M			80	40	5.0	500m	20n	100	1.0m	8.0	25u	2.5k	3.5	8.0p	T092	F
2	MPS4889	625m	160M	5.0m	\$J	150	150	6.0	100m	10n	100	1.0m	8.0	25u	2.5k	3.5	8.0p	T092	F
3	HEPS0026-RT	625m	175M	5.0m	TJ	80	80	4.0	500m	100n	100	1.0m	125	40u	4.5k	6.0	8.0p	T092	A
4#	BC556A	625m	190M	5.0m	\$J	80	65	5.0	100m	15n	5.0	2.0m	180	25u	2.5k	3.5	8.5p	R189b	A
5#	BC556B	625m	190M	5.0m	\$J	80	65	5.0	100m	15n	5.0	2.0m	290	40u	4.5k	6.0	8.5p	R189b	A
6#	BC557A	625m	190M	5.0m	\$J	50	45	5.0	100m	15n	5.0	2.0m	180	25u	2.5k	3.5	8.5p	R189b	A
7#	BC557B	625m	190M	5.0m	\$J	50	45	5.0	100m	15n	5.0	2.0m	290	40u	4.5k	6.0	8.5p	R189b	A
8#	BC558A	625m	190M	5.0m	\$J	30	30	5.0	100m	15n	5.0	2.0m	180	25u	2.5k	3.5	8.5p	R189b	A
9#	BC558B	625m	190M	5.0m	\$J	30	30	5.0	100m	15n	5.0	2.0m	290	40u	4.5k	6.0	8.5p	R189b	A
10#	BC559A	625m	190M	5.0m	\$J	30	30	5.0	100m	15n	5.0	2.0m	180	25u	2.5k	3.5	8.5p	R189b	A
11#	BC559B	625m	190M	5.0m	\$J	30	30	5.0	100m	15n	5.0	2.0m	290	40u	4.5k	6.0	8.5p	R189b	A
12#	BC560A	625m	190M	5.0m	\$J	50	45	5.0	100m	15n	5.0	2.0m	180	25u	2.5k	3.5	8.5p	R189b	A
13#	BC560B	625m	190M	5.0m	\$J	50	45	5.0	100m	15n	5.0	2.0m	290	40u	4.5k	6.0	8.5p	R189b	A
14#	JE9015A	625m	190M	5.0m	\$J	50	45	5.0	100m	50n	5.0	1.0m	60	35u	8.5k	100	8.0p	T092	A
15#	JE9015B	625m	190M	5.0m	\$J	50	45	5.0	100m	50n	5.0	1.0m	100	35u	8.5k	100	8.0p	T092	A
16#	JE9015C	625m	190M	5.0m	\$J	50	45	5.0	100m	50n	5.0	1.0m	200	35u	8.5k	100	8.0p	T092	A
17#	2SA719NC	625m	200M	5.0m	\$J	30	25	5.0	1.0 #	100n	100	150m	160	35u	8.5k	100	8.0p	T092	A
18#	2SA890	625m	200M	5.7m	TJ	60	50	5.0	1.0 #	100n	100	150m	160	35u	8.5k	100	8.0p	T092	A
19#	2SA891	625m	200M	5.7m	TJ	60	50	5.0	1.0 #	100n	100	150m	160	35u	8.5k	100	8.0p	T092	A
20#	2906	625m	200M	5.0m	\$J	60	60	5.0	0.8	20n	100	150m	40	40u	4.5k	6.0	8.5p	T092	F
21#	2906A	625m	200M	5.0m	\$J	60	60	5.0	0.8	10n	100	150m	40	40u	4.5k	6.0	8.5p	T092	F
22#	2907	625m	200M	5.0m	\$J	60	60	5.0	0.8	20n	100	150m	100	40u	4.5k	6.0	8.5p	T092	F
23#	2907A	625m	200M	5.0m	\$J	60	60	5.0	0.8	10n	100	150m	100	40u	4.5k	6.0	8.5p	T092	F
24#	A5T29071	625m	200M	5.0m	\$S	60	40	5.0	600m	20n	100	100u	35	300u	1.2k	2.0	8.0p	R203	A
25	A5T2907AT	625m	200M	5.0m	\$S	60	40	5.0	600m	20n	100	100u	75	300u	1.2k	2.0	8.0p	R203	A
26	A5T34961	625m	200M	5.0m	\$S	80	80	4.5	100m	100n	100	10m	40	800u	2.3k	15	7.0p	R203	A
27	A5T35041	625m	200M	5.0m	\$S	45	45	5.0	600m	10n	100	10m	135	800u	2.3k	15	8.0p	R203	A
28	A5T35051	625m	200M	5.0m	\$S	60	60	5.0	600m	10n	100	10m	135	800u	2.3k	15	8.0p	R203	A
29	A5T36441	625m	200M	5.0m	\$S	45	45	5.0	600m	35n	100	10m	100	300u	1.8k	3.0	8.0p	R203e	A
30	A5T36451	625m	200M	5.0m	\$S	60	60	5.0	600m	35n	100	10m	100	300u	1.8k	3.0	8.0p	R203e	A
31	A5T44031	625m	200M	5.0m	\$S	40	40	5.0	600m	1.0n	100	1.0m	60	100u	15k	8.0	8.5p	R203	A
32	A8T36441	625m	200M	5.0m	\$S	45	45	5.0	600m	35n	100	10m	100	300u	1.8k	3.0	8.0p	R210a	A
33	A8T36451	625m	200M	5.0m	\$S	45	45	5.0	600m	35n	100	10m	100	300u	1.8k	3.0	8.0p	R210a	A
34	A8T36451	625m	200M	5.0m	\$S	60	60	5.0	600m	35n	100	10m	100	300u	1.8k	3.0	8.0p	R210a	A
35	MPS29071	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	100u	35	40u	8.0k	5.0	4.5p	AN	R211
36	MPS2907A	625m	200M	5.0m	\$J	60	40	5.0	600m	50n	100	100u	100	40u	8.0k	5.0	4.5p	AN	R211
37	MPS2907AT	625m	200M	5.0m	\$J	60	40	5.0	600m	10n	100	100u	75	40u	8.0k	5.0	4.5p	AN	R211
38	MPS39051	625m	200M	5.0m	\$J	40	40	5.0	200m	50n	100	1.0m	50	40u	8.0k	5.0	4.5p	AN	R211
39#	MPS9468	625m	200M	5.0m	\$J	40	40	5.0	200m	50n	100	1.0m	50	40u	8.0k	5.0	4.5p	AN	R211
40#	NT29071	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100	40u	8.0k	5.0	4.5p	AN	R211
41#	NT2907AT	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100	40u	8.0k	5.0	4.5p	AN	R211
42#	PH2907AR	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100	40u	8.0k	5.0	4.5p	AN	R211
43#	PH2907R	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100	40u	8.0k	5.0	4.5p	AN	R211
44#	PN2904A	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100	40u	8.0k	5.0	4.5p	AN	R211
45	PN2905A	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100	40u	8.0k	5.0	4.5p	AN	R211
46	PN2906J1	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100	40u	8.0k	5.0	4.5p	AN	R211
47	PN2907J1	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100	40u	8.0k	5.0	4.5p	AN	R211
48	PN2907#	625m	200M	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100	40u	8.0k	5.0	4.5p	AN	R211
49	PN4142	625m	200M	5.0m	\$S	60	40	5.0	200m	50n	100	150m	300	40u	8.0k	5.0	4.5p	AN	R211
50	PN4143	625m	200M	5.0m	\$S	60	40	5.0	200m	50n	100	150m	300	40u	8.0k	5.0	4.5p	AN	R211
51	TP3644	625m	200M	5.0m	\$J	45	45	5.0	500m	35n	1.0	50m	80	40u	8.0k	5.0	4.5p	AN	R211
52	TP3645	625m	200M	5.0m	\$J	45	45	5.0	500m	35n	1.0	50m	80	40u	8.0k	5.0	4.5p	AN	R211
53	MPS39061	625m	250M	5.0m	\$J	40	40	5.0	200m	50n	1.0	10m	100	60u	12k	10	4.5p	AN	R207
54	BC327-5	625m	260M	5.0m	\$J	50	45	5.0	500m	100n	1.0	50m	100	60u	12k	10	5.0p	AN	R204e
55	BC327-18	625m	260M	5.0m	\$J	50	45	5.0	500m	100n	1.0	50m	100	60u	12k	10	5.0p	AN	R204e
56	BC328-5	625m	260M	5.0m	\$J	30	25	5.0	500m	100n	1.0	50m	100	60u	12k	10	5.0p	AN	R207
57	BC328-18	625m	260M	5.0m	\$J	30	25	5.0	500m	100n	1.0	50m	100	60u	12k	10	5.0p	AN	R207
58	MPS6533M	625m	260M	5.0m	\$J	40	40	4.0	600m	50n	1.0	100m	90	40u	8.0k	5.0	4.5p	PE	T092
59	MPS6534M	625m	260M	5.0m	\$J	30	30	4.0	600m	100n	1.0	100m	30	40u	8.0k	5.0	4.5p	PE	T092
60	MPS6535M	625m	260M	5.0m	\$J	30	30	4.0	600m	100n	1.0	100m	30	40u	8.0k	5.0	4.5p	PE	T092
61	MPS65391	625m	300M	5.0m	\$J	20	20	5.0	100m	50n	2.0	10m	3.0	40u	8.0k	5.0	5.0p	PE	T092
62	PN5139	625m	300M	5.0m	\$S	20	20	5.0	100m	50n	2.0	10m	40	40u	8.0k	5.0	5.0p	AN	R210b
63	BF709	625m	300M	5.0m	\$J	30	30	3.0	50m	100n	1.0	2.5m	20	24u	8.0	3.0	4.5p	AN	R210
64	PN4122	625m	400M	5.0m	\$S	40	40	5.0	100m	25n	1.0	1.0m	150	40u	12	4.0	4.5p	AN	R210
65	PN5140	625m	400M	5.0m	\$S	5.0	5.0	4.0	50m	50n	1.0	1.0m	140	40u	12	4.0	4.5p	AN	R210
66	BF739	625m	600M	5.0m	\$J	30	30	3.0	50m	100n	1.0	2.5m	20	40u	12	4.0	5.0p	AN	R210
67	2N5771	625m	850M	5.0m	\$J	15	15	4.5	50m	10n	5.0	1.0m	35	40u	12	4.0	3.0p	AN	R210
68	MPSH83	625m	950M	4.5m	\$J	30	30	3.0	300m	100n	1.0	10m	60	40u	12	4.0	3.0p	AN	R210
69#	2SA119	650m	200M	4.3m	\$J	40	40	5.0	100m	100n	1.0	10m	60	40u	12	4.0	4.5p	PE	T039
70#	2SA120	650m	200M	4.3m	\$J	25	25	4.0	300m	1.0u	1.0	10m	60	40u	12	4.0	4.5p	PE	T039
71#	2SA120A	650m	200M	4.3m	\$J	40	40	5.0	300m	1.0u	1.0	10m	60	40u	12	4.0	4.5p</		