

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	M E M P	ABS MAX RATINGS @ 25°C			MAX. I _{cb0} @ V _{cb} (A)	TYPICAL h _f PARAMETERS			COMMON EMITTER			Cob (F)	STRUC-TURE	DWG #/a TO200 Ser.	L C O D E		
					V _{cb0} (V)	V _{ceo} (V)	V _{be0} (V)		V _{cb} (V)	I _e (A)	h _{fe}	h _{oe} (mhos)	h _{ie} (Ω)	h _{re} X.0001						
1	TPS112	825m	150m			80	40	5.0	500m	20n	100	1.0m	8.0	25u	12k	5.0	8.0p	T092	F	
2	MPS4889	625m	160m	5.0m	\$J	150	150	6.0	100m	10n	100	1.0m	8.0	25u	12k	5.0	8.0p	T092	F	
3	HEPS0026-RT	625m	175m	5.0m	TJ	80	80	4.0	500m	100n	100	1.0m	125					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				PE	T092	B	
18#	2SA890	625m	200m	5.7m	TJ	60	50	5.0	1.0 #	100n	100	150m	160				PE	T092	A	
19#	2SA891	625m	200m	5.7m	TJ	60	50	5.0	1.0 #	100n	100	150m	160				PE	T092	A	
20#	2906	625m	200m	5.0m	\$J	60	60	5.0	0.8	20n	100	150m	40				EPLA	T092	F	
21#	2906A	625m	200m	5.0m	\$J	60	60	5.0	0.8	10n	100	150m	40				EPLA	T092	F	
22#	2907	625m	200m	5.0m	\$J	60	60	5.0	0.8	20n	100	150m	100				EPLA	T092	F	
23#	2907A	625m	200m	5.0m	\$J	60	60	5.0	0.8	10n	100	150m	100				EPLA	T092	F	
24#	A5T29071	625m	200m	5.0m	\$S	60	40	5.0	600m	20n	100	100u	35			8.0p		R203	A	
25	A5T2907AT	625m	200m	5.0m	\$S	60	40	5.0	600m	10n	100	100u	75			8.0p		R203	A	
26	A5T34961	625m	200m	5.0m	\$S	80	80	4.5	100m	100n	100	10m	40	300u	1.2k	2.0	7.0p	PE	R203	A
27	A5T35041	625m	200m	5.0m	\$S	45	45	5.0	600m	10n	100	10m	135	800u	2.3k	15	8.0p	PE	R203	A
28	A5T35051	625m	200m	5.0m	\$S	60	60	5.0	600m	10n	100	10m	135	800u	2.3k	15	8.0p	PE	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	PE	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	PE	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	PE	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	PE	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	PE	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	PE	R210a	A
35	MPS29071	625m	200m	5.0m	\$J	60	40	5.0	600m	20n	100	100u	35			8.0p	AN	R211	A	
36	MPS2907A	625m	200m	5.0m	\$J	60	40	5.0	600m	50n	100	150m	100			8.0p	PE	T092	A	
37	MPS2907AT	625m	200m	5.0m	\$J	60	40	5.0	600m	10n	100	100u	75			8.0p	AN	R211	A	
38	MPS39051	625m	200m	5.0m	\$J	40	40	5.0	200m	50n	100	10m	50	40u	8.0k	5.0	4.5p	AN	T092	A
39#	MPS9468	625m	200m	5.0m	\$J	40	40	5.0	200m	50n	100	10m	50			18p	AN	T092	A	
40#	NT29071	625m	200m	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100			8.0p	EΔ	T092	A	
41#	NT2907AT	625m	200m	5.0m	\$J	60	40	5.0	600m	20n	100	150m	100			8.0p	EΔ	T092	A	
42#	PH2907AR	625m	200m	5.0m	\$J	60	40	5.0	600m	10n	100	10m	100			8.0p	PE	T092	F	
43#	PH2907R	625m	200m	5.0m	\$J	60	40	5.0	600m	20n	100	10m	50			8.0p	PE	T092	F	
44#	PN2904A	625m	200m	5.0m	\$J	60	60	5.0	600m	10n	100	150m	40			8.0p	PE	R185	A	
45	PN2905A	625m	200m	5.0m	\$J	60	60	5.0	600m	10n	100	150m	40			8.0p	PE	R185	A	
46	PN2906J1	625m	200m	5.0m	\$J	60	40	5.0	800m	20n	100	100u	35			8.0p	DPE	T092	A	
47	PN2907J1	625m	200m	5.0m	\$J	60	40	5.0	800m	50n	100	150m	10			8.0p	PE	T092	A	
48	PN2907#	625m	200m	5.0m	\$J	60	40	5.0	200m	50n	100	150m	120			8.0p	PE	T092	A	
49	PN4142	625m	200m	5.0m	\$S	60	40	5.0	200m	50n	100	150m	300			8.0p	Δ	T092	A	
50	TP3644	625m	200m	5.0m	\$S	45	45	5.0	500m	35n	1.0	50m	80			8.0p	Δ	T092	A	
51	TP3645	625m	200m	5.0m	\$S	60	40	5.0	500m	35n	1.0	100m	80			8.0p	Δ	T092	A	
52	MPS39061	625m	250m	5.0m	\$J	40	40	5.0	200m	50n	1.0	10m	100	60u	12k	10	4.5p	AN	T092	A
53	BC327-5	625m	260m	5.0m	\$J	50	45	5.0	500m	100n	1.0	50m	100			5.0p	AN	R207	A	
54	BC327-18	625m	260m	5.0m	\$J	50	45	5.0	500m	100n	1.0	50m	100			5.0p	AN	R204e	A	
55	BC328-5	625m	260m	5.0m	\$J	30	25	5.0	500m	100n	1.0	50m	100			5.0p	AN	R207	A	
56	BC328-18	625m	260m	5.0m	\$J	30	25	5.0	500m	100n	1.0	50m	100			5.0p	AN	R204e	A	
57	MPS6533M	625m	260m	5.0m	\$J	40	40	4.0	600m	50n	1.0	100m	90			8.0p	PE	T092	A	
58	MPS6534M	625m	260m	5.0m	\$J	30	30	4.0	600m	100n	1.0	100m	30			8.0p	PE	T092	A	
59	MPS6535M	625m	260m	5.0m	\$J	20	20	5.0	100m	50n	2.0	10m	3.0			5.0p	PE	T092	A	
60	MPS51391	625m	300m	5.0m	\$J	20	20	5.0	100m	50n	2.0	10m	3.0			5.0p	PE	T092	A	
61	PN5139	625m	300m	5.0m	\$S	20	20	5.0	100m	50n	2.0	10m	40			5.0p	AN	T092	A	
62	BF709	625m	300m	5.0m	\$J	30	30	3.0	50m	100n	1.0	2.5m	20			4.5p	AN	R210b	A	
63	PN4121	625m	400m	5.0m	\$S	40	40	5.0	100m	25n	1.0	1.0m	50	24u	8.0	3.0	4.5p	AN	T092	A
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	T092	A
65	PN5140	625m	400m	5.0m	\$J	5.0	5.0	4.0	50m	50n	1.0	10m	140			5.0p	AN	T092	A	
66	BF739	625m	600m	5.0m	\$J	30	30	3.0	50m	100n	1.0	2.5m	20			5.0p	AN	R190	A	
67	2N5771	625m	850m	5.0m	\$J	15	15	4.5	50m	10n	5.0	1.0m	35			3.0p	AN	T092	A	
68	MPSH83	625m	950m	4.5m	\$J	30	30	3.0	300m	10n	100	2.5m	20			300ft	AN	R184	A	
69#	2SA119	650m	200m	4.3m	\$J	40	40	5.0	100m	10n	100	10m	60			4.5p	PE	T039	C	
70#	2SA120	650m	200m	4.3m	\$J	25	25	4.0	300m	1.0u	100	10m	60			4.5p	PE	T039	C	
71#	2SA120A	650m	200m	4.3m	\$J	40	40	5.0	300m	1.0u	100	10m	60			7.0p	PE	T039	A	
72#	2SA523	650m	200m	5.0m	\$J	40	40	5.0	300m	100n	100	10m	20			7.0p	PE	T039	A	
73#	2SA523A	650m	200m	5.0m	\$J	60	40	5.0	300m	100n	100	10m	20			7.0p	PE	T039	A	
74#	2SA732	650m	200m	5.0m	\$J	40	40	5.0	300m	100n	100	10m	60			4.5p	PE	T039	A	