

5. SILICON NPN - 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)	T ABS MAX RATINGS @ 25°C (V)	MAX. TYPICAL 'h' PARAMETERS				Cob (F)	STRUC-TURE	DWG # Y200 s/a TO200 Ser.	L C O A D E				
					BIAS			COMMON EMITTER								
					Vcb (V)	Ic (A)	hfe	hoe (mhos)					hie (Ω)	hre (X.0001)		
1	BC337-16-18	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	100	100	4.0p	AN	R204e	A
2	BC337-16-5	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	100	100	4.0p	AN	R207	A
3	BC337-18	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	100	100	4.0p	AN	R204e	A
4	BC337-25	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	160	160	4.0p	AN	R210a	F
5	BC337-25-18	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	160	160	4.0p	AN	R204e	A
6	BC337-25-5	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	160	160	4.0p	AN	R207	A
7	BC338	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	100	100	4.0p	AN	R210a	F
8	BC338-5	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	100	100	4.0p	AN	R207	A
9	BC338-16	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	100	100	4.0p	AN	R210a	F
10	BC338-16-18	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	100	100	4.0p	AN	R204e	A
11	BC338-16-5	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	100	100	4.0p	AN	R207	A
12	BC338-18	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	100	100	4.0p	AN	R204e	A
13	BC338-25	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	160	160	4.0p	AN	R210a	F
14	BC338-25-18	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	160	160	4.0p	AN	R204e	A
15	BC338-25-5	825m	210M	5.0m	5.0	5.0	5.0	100m	1.0	100m	160	160	4.0p	AN	R207	A
16	2N5845AT	825m	250M	5.0	5.0	5.0	5.0	600m	1.0	10m	50	50	9.0ps	Δ	T092	A
17	A5T2222T	825m	250M	5.0m	5.0	5.0	5.0	800m	1.0	100m	35	35	8.0ps	Δ	R203	A
18	MPS2222T	825m	250M	5.0m	5.0	5.0	5.0	600m	1.0	10m	50	50	8.0ps	Δ	R211	A
19#	NT2222T	825m	250M	5.0m	5.0	5.0	5.0	800m	1.0	10m	150m	100	8.0ps	Δ	T092	A
20#	PH2222R	825m	250M	5.0m	5.0	5.0	5.0	800m	1.0	10m	50	50	8.0p	PE	T092	F
21#	PN2218	825m	250M	8.0m	5.0	5.0	5.0	800m	1.0	150m	40	40	8.0p	PE	R185	A
22#	PN2218A	825m	250M	8.0m	5.0	5.0	5.0	800m	1.0	150m	40	40	8.0p	PE	R185	A
23#	PN2219	825m	250M	8.0m	5.0	5.0	5.0	800m	1.0	150m	100	100	8.0p	PE	R185	A
24	PN2221A	825m	250M	5.0m	5.0	5.0	5.0	800m	1.0	100m	20	20	8.0p	DPE	T092	A
25	PN2222A	825m	250M	5.0m	5.0	5.0	5.0	800m	1.0	100m	35	35	8.0p	DPE	T092	A
26	PN4140	825m	250M	5.0m	5.0	5.0	5.0	200m	50u#	150m	120	120	8.0p	Δ	T092	A
27	PN4141	825m	250M	5.0m	5.0	5.0	5.0	200m	50u#	150m	300	300	8.0p	Δ	T092	A
28	PN5134	825m	250M	5.0m	5.0	5.0	5.0	100m	400p	10m	150	150	4.0ps	Δ	T092	A
29	TPS111	825m	250M	5.0m	5.0	5.0	5.0	100m	1.0	150m	300	300	6.5ps	Δ	T092	A
30#	JE9014A	825m	270M	5.0m	5.0	5.0	5.0	100m	50n	1.0m	60	60	3.7p	Δ	T092	A
31#	JE9014B	825m	270M	5.0m	5.0	5.0	5.0	100m	50n	1.0m	100	100	3.7p	Δ	T092	A
32#	JE9014C	825m	270M	5.0m	5.0	5.0	5.0	100m	50n	1.0m	200	200	3.7p	Δ	T092	A
33#	JE9014D	825m	270M	5.0m	5.0	5.0	5.0	100m	50n	1.0m	400	400	3.7p	Δ	T092	A
34	A5T2222AT	825m	300M	5.0m	5.0	5.0	5.0	800m	1.0	100m	35	35	8.0ps	Δ	R203	A
35#	BC546A	825m	300M	5.0m	5.0	5.0	5.0	100m	5.0	2.0m	220	220	2.7	Δ	R189b	A
36#	BC546B	825m	300M	5.0m	5.0	5.0	5.0	100m	5.0	2.0m	330	330	4.8	Δ	R189b	A
37#	BC547A	825m	300M	5.0m	5.0	5.0	5.0	100m	5.0	2.0m	220	220	2.7	Δ	R189b	A
38#	BC547B	825m	300M	5.0m	5.0	5.0	5.0	100m	5.0	2.0m	330	330	4.8	Δ	R189b	A
39#	BC547C	825m	300M	5.0m	5.0	5.0	5.0	100m	5.0	2.0m	600	600	7.0	Δ	R189b	A
40#	BC548A	825m	300M	5.0m	5.0	5.0	5.0	100m	5.0	2.0m	220	220	2.7	Δ	R189b	A
41#	BC548B	825m	300M	5.0m	5.0	5.0	5.0	100m	5.0	2.0m	330	330	4.8	Δ	R189b	A
42#	BC548C	825m	300M	5.0m	5.0	5.0	5.0	100m	5.0	2.0m	600	600	7.0	Δ	R189b	A
43#	BC549B	825m	300M	5.0m	5.0	5.0	5.0	100m	15n	5.0	330	330	4.5	Δ	R189b	A
44#	BC549C	825m	300M	5.0m	5.0	5.0	5.0	100m	15n	5.0	600	600	7.0	Δ	R189b	A
45#	BC550B	825m	300M	5.0m	5.0	5.0	5.0	100m	15n	5.0	330	330	4.5	Δ	R189b	A
46#	BC550C	825m	300M	5.0m	5.0	5.0	5.0	100m	15n	5.0	600	600	7.0	Δ	R189b	A
47#	JE9100A	825m	300M	5.0m	5.0	5.0	5.0	100m	50n	100m	50	50	1.6p	Δ	T092	A
48	MPS708T	825m	300M	5.0m	5.0	5.0	5.0	200m	25n	500u	15	15	6.0p	Δ	T092	A
49	MPS2222AT	825m	300M	5.0m	5.0	5.0	5.0	600m	1.0	100m	75	75	8.0p	Δ	R211	A
50	MPS3725T	825m	300M	5.0m	5.0	5.0	5.0	1.0	500n	10m	30	30	10p	Δ	T092	A
51#	PN2219A	825m	300M	8.0m	5.0	5.0	5.0	800m	1.0	150m	100	100	8.0p	Δ	R185	A
52	PN4013	825m	300M	5.0m	5.0	5.0	5.0	500m	1.7u	1.0	100m	150	12p	Δ	T092	A
53	PN4014	825m	300M	5.0m	5.0	5.0	5.0	500m	1.7u	1.0	100m	150	10p	Δ	T092	A
54	2N5772	825m	350M	5.0m	5.0	5.0	5.0	200m	500n	40m	30m	30	5.0ps	Δ	T092	A
55	MPSH20	825m	400M	5.0m	5.0	5.0	5.0	100m	50n	100m	40	40	650fs	Δ	T092	C
56	MPSH24	825m	400M	5.0m	5.0	5.0	5.0	100m	50n	100m	8.0m	30	360fs	Δ	T092	C
57	A8T5222	825m	450M	5.0m	5.0	5.0	5.0	100m	100m	100m	4.0m	20	1.3ps	Δ	R203	A
58	PN5130	825m	450M	5.0m	5.0	5.0	5.0	50m	10u	100m	8.0m	12	1.7ps	Δ	T092	A
59	2N5769T	825m	500M	5.0m	5.0	5.0	5.0	200m	10u	100m	20	20	4.0ps	Δ	T092	A
60#	BF523	825m	500M	5.0m	5.0	5.0	5.0	50m	50n	100m	15m	50	1.7ps	PE	R203c	C
61	HEPS0040-RT	825m	500M	5.0m	5.0	5.0	5.0	100m	50n	7.0m	80	80	3.7ps	Δ	T092	A
62	MPSH34	825m	500M	5.0m	5.0	5.0	5.0	100m	50n	150m	40	40	320fs	Δ	T092	C
63	BF373	825m	720M	5.0m	5.0	5.0	5.0	100m	50n	100m	7.0m	40	320fs	Δ	R210b	C
64	MPSH17	825m	800M	5.0m	5.0	5.0	5.0	100m	100m	5.0m	30	30	300fs	Δ	T092	A
65	MPS6595T	825m	5.0m	5.0	5.0	5.0	5.0	100m	5.0	10m	110	110	900fs	Δ	R211	A
66#	25C216	850m	2.0G	4.3m	5.0	5.0	5.0	300m	10u	1.0	50m	50	12p	PL	T05	A
67#	25C218	850m	4.3m	5.0	5.0	5.0	5.0	300m	10u	1.0	50m	50	12p	PL	T05	A
68#	25C227	850m	4.3m	5.0	5.0	5.0	5.0	700m	1.0u	1.0	100m	50	12p	PE	T05	A
69#	25C479H	850m	4.3m	5.0	5.0	5.0	5.0	600m	1.0u	1.0	100m	40	20p	PE	T039	A
70#	25C564T	850m	4.3m	5.0	5.0	5.0	5.0	500m	1.0u	1.0	150m	50	12p	PE	T039	A
71	BCW65	850m	100M	2.8m	5.0	5.0	5.0	0.8	100m	100m	100	100	12p	PE	T0236	C
72	BCW65R	850m	100M	2.8m	5.0	5.0	5.0	0.8	100m	100m	100	100	12p	PE	T0236	C
73	BCW66	850m	100M	2.8m	5.0	5.0	5.0	0.8	100m	100m	100	100	12p	PE	T0236	C
74	BCW66R	850m	100M	2.8m	5.0	5.0	5.0	0.8</								