

# 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 FREE AIR W/°C	T M E A M P	ABS MAX RATINGS @ 25°C				MAX. Icbo @ Vcb	TYPICAL 'h' PARAMETERS			COMMON EMITTER			Cob (F)	STRUC-TURE	DWG Y200 s/a TO200	# L E O A D E	
					V	V	V	A		BIAS			hoe	hie	hre					
					BVcbo	BVceo	BVebo	Ic		Vcb	Ic	hfe	(mhos)	(Ω)	X.0001					
1	CT764	400m	20M		20	20	5.0	500m	10n	5.0	150m	25	Δ			8.0p	↑	T092	A	
2	CT767	400m	20MΔ		40	30	5.0	10n	10n	100u	500	↑			10p	↑	T092	A		
3	CT768	400m	20MΔ		60	60	5.0	10n	10n	100u	500	↑			10p	↑	T092	A		
4	CT769	400m	20MΔ		40	30	5.0	10n	10n	100u	500	↑			10p	↑	T092	A		
5	CT770	400m	20MΔ		60	60	5.0	10n	10n	100u	500	↑			10p	↑	T092	A		
6	TP4413	400m	20M		40	30	5.0	500m	10n	1.0	10u	100			8.0p	↑	T092	A		
7	TP4413A	400m	20M		60	60	5.0	500m	10n	1.0	10u	100			8.0p	↑	T092	A		
8	TP4415	400m	20M		40	30	5.0	500m	10n	1.0	10u	40			8.0p	↑	T092	A		
9	TP4415A	400m	20M		60	60	5.0	500m	10n	1.0	10u	40			8.0p	↑	T092	A		
10	2N2595	400m	30MΔ	2.2m	SS	80	60	6.0	50m	25n	5.0	1.0m	15	Δ		1.2k	10	Δ	T046	A
11	2N2598	400m	30MΔ	2.2m	SS	125	80	7.0	50m	25n	5.0	5.0m	20	Δ		1.2k	10	Δ	T046	A
12	2N2604	400m	30MΔ	2.2m	SS	60	45	6.0	30m	10n	5.0	1.0m	60	Δ		1.0u	10	Δ	T046	A
13	JAN2N2604	400m	30MΔ	2.2m	SS	80	60	6.0	30m	10n	5.0	1.0m	60	Δ		40u	10	Δ	T046	A
14	2N2605	400m	30MΔ	2.2m	SS	60	45	6.0	30m	10n	5.0	1.0m	150	Δ		1.0u	10	Δ	T046	A
15	JAN2N2605	400m	30MΔ	2.2m	SS	70	60	6.0	30m	10n	5.0	1.0m	150	Δ		60u	10	Δ	T046	A
16	ST8035	400m	30MΔ		SS	40	40	5.0	2.0	1.0u	5.0	1.0m	30			45p	PL	T018	A	
17	2N2596	400m	40MΔ	2.2m	SS	80	60	6.0	50m	25n	5.0	1.0m	30	Δ		1.5k	10	Δ	T046	A
18	2N2599	400m	40MΔ	2.2m	SS	125	80	7.0	50m	25n	5.0	5.0m	40	Δ		1.5k	10	Δ	T046	A
19	2N2599A	400m	40MΔ	2.2m	SS	125	100	7.0	50m	25n	5.0	5.0m	40	Δ		6.0p	↑	T046	A	
20	2N2602	400m	40MΔ	2.2m	SS	60	60	6.0	50m	25n	5.0	1.0m	36	Δ		1.0u	10	Δ	T046	A
21	2N3930	400m	40MΔ	2.3m	SJ	180	180	6.0	100m	10n	10	1.0m	80	Δ		25u	10	Δ	T018	A
22	2N4017*	400m	40MΔ	2.2m	SJ	45	45	6.0	200m	10n	5.0	1.0m	250	Δ		50u	10	Δ	R131a	PA
23	2N4018*	400m	40MΔ	2.2m	SJ	80	80	6.0	200m	10n	5.0	1.0m	100	Δ		40u	10	Δ	R131a	PA
24	2N4019*	400m	40MΔ	2.2m	SJ	60	60	6.0	200m	10n	5.0	1.0m	100	Δ		50u	10	Δ	R131a	PA
25	2N4021*	400m	40MΔ	2.3m	SJ	60	60	6.0	200m	0.1u	5.0	1.0m	100	Δ		40u	10	Δ	R131c	PA
26	2N4024*	400m	40MΔ	2.3m	SJ	60	60	6.0	200m	0.1u	5.0	1.0m	100	Δ		40u	10	Δ	R131c	PA
27	2N4357	400m	40MΔ	2.3m	SJ	240	240	6.0	100m	0.2u	10	1.0m	100	Δ		7p	↑	T018	A	
28#	ZSA1091	400m	40MΔ	3.2m	SJ	300	300	8	100m	100n	-100	-20m	30	†		6.0p	PE	T092	B	
29	GES4248	400m	40M	4.0m	SJ	40	40	5.0	500m	10n	5.0	1.0m	50	†		6.0p	PE	T092	A	
30	ST8036	400m	40MΔ		SS	40	40	5.0	2.0	1.0u	5.0	1.0m	60			45p	PL	T018	A	
31	ST61000	400m	40MΔ	4.3m		40	35	4.0	100m	20n	6.0	1.0m	100	†		7p	PE	T046	A	
32	2N2605A	400m	45M	2.2m	SS	60	45	6.0	30m	2.0n	5.0	1.0m	600	†		1.0u	10	Δ	T046	A
33	2N3547	400m	45MΔ	2.2m	SS	60	60	6.0	100m	25n	5.0	1.0m	100	†		1.0u	10	Δ	T018	A
34	2N721	400m	50MΔ	2.7m	SJ	50	35	5.0	5.0	1.0u	5.0	1.0m	15	Δ		1.0u	10	Δ	T018	A
35	2N721A	400m	50MΔ	2.2m	SJ	50	35	5.0	5.0	1.0u	5.0	1.0m	15	†		5.0u	10	Δ	T018	A
36	2N2590	400m	50MΔ	2.2m	SJ	100	60	7.0	50m	25n	5.0	5.0m	40	Δ		1.5u	10	Δ	T046	A
37	2N3341†	400m	50MΔ	2.7m	SA	30	20	5.0	30m	0.1u	1.0	0.1m	40	†		6p	↑	T046	A	
38	2N4020*	400m	50MΔ	2.3m	SJ	45	45	6.0	200m	0.1u	5.0	1.0m	250	Δ		50u	10	Δ	R131c	PA
39	2N4022*	400m	50MΔ	2.3m	SJ	60	60	6.0	200m	0.1u	5.0	1.0m	250	Δ		50u	10	Δ	R131c	PA
40	2N4023*	400m	50MΔ	2.3m	SJ	45	45	6.0	200m	0.1u	5.0	1.0m	250	Δ		50u	10	Δ	R131c	PA
41	2N4025*	400m	50MΔ	2.3m	SJ	60	60	6.0	200m	0.1u	5.0	1.0m	250	Δ		50u	10	Δ	R131c	PA
42#	BC393†	400m	50MΔ			180	180	6.0	100m	10n	10	1.0m	50	†		7.0p	↑	T018	A	
43	2N722	400m	60MΔ	2.6m	SJ	50	35	5.0	5.0	1.0u	5.0	1.0m	25	Δ		1.0u	10	Δ	T018	A
44	2N2597	400m	60MΔ	2.2m	SS	80	60	6.0	50m	25n	5.0	1.0m	60	Δ		1.8k	10	Δ	T046	A
45	2N2600	400m	60MΔ	2.2m	SS	125	80	7.0	50m	25n	5.0	5.0m	60	Δ		1.8k	10	Δ	T046	A
46	2N2600A	400m	60MΔ	2.2m	SS	125	100	7.0	50m	25n	5.0	5.0m	80	Δ		6.0p	↑	T046	A	
47	2N2603	400m	60MΔ	2.2m	SS	60	60	6.0	50m	25n	5.0	1.0m	76	Δ		1.0u	10	Δ	T046	A
48	2N3548	400m	60MΔ	2.2m	SS	60	45	6.0	100m	10n	5.0	1.0u	100	†		1.0u	10	Δ	T018	A
49	2N3549	400m	60MΔ	2.2m	SS	60	60	6.0	100m	10n	5.0	1.0u	100	†		1.0u	10	Δ	T018	A
50	2N3550	400m	60MΔ	2.2m	SS	60	45	10	100m	1.0n	5.0	1.0u	200	†		1.0u	10	Δ	T018	A
51	2N3726	400m	60MΔ	2.2m	SJ	45	45	5.0	300m	10n	10	1.0m	135	Δ		80u	15	Δ	R131c	PA
52	2N3727	400m	60MΔ	2.2m	SJ	45	45	5.0	300m	10n	10	1.0m	135	Δ		80u	15	Δ	R131c	PA
53#	BFW43	400m	60.M	2.3m	SJ	150	150	6.0	6.0	0.1u	10	1.0m	40	†		7p	PE	T018	A	
54#	BFX90	400m	60.M	2.3m	SJ	180	180	6.0	6.0	0.1u	10	1.0m	170	†		5.0p	PE	T018	A	
55#	FP50201	400m	60MΔ	4.0m	†	30	20	5.0	200m	10n	1.0	50m	132	†		12p	PE	T092	A	
56	TD509*	400m	60M		SS	25	20	5.0	500m	10n	5.0	10u	15			8.0p	↑	R131c	PA	
57	TD510*	400m	60M		SS	25	20	5.0	500m	10n	5.0	10u	20			8.0p	↑	R131c	PA	
58	TD511*	400m	60M		SS	25	20	5.0	500m	10n	5.0	10u	20			8.0p	↑	R131c	PA	
59	TD512*	400m	60M		SS	25	20	5.0	500m	10n	5.0	10u	40			8.0p	↑	R131c	PA	
60	TD513*	400m	60M		SS	25	20	5.0	500m	10n	5.0	10u	40			8.0p	↑	R131c	PA	
61	TD514*	400m	60M		SS	25	20	5.0	500m	10n	5.0	10u	40			8.0p	↑	R131c	PA	
62	2N2591	400m	70MΔ	2.2m	SS	100	60	7.0	50m	25n	5.0	5.0m	70	Δ		1.5u	10	Δ	T046	A
63	2N3579	400m	80MΔ	2.2m	SS	60	60	6.0	30m	50n	5.0	1.0m	120	†		1.0u	10	Δ	T046	A
64	2N3580	400m	80MΔ	2.2m	SS	60	60	6.0	30m	50n	5.0	1.0m	240	†		1.0u	10	Δ	T046	A
65#	2SA493G	400m	80M	4.0m	†	50	50	5.0	150m	100n	6.0	2.0m	120	†		6.0p	↑	T092	B	
66#	2SA1015	400m	80MΔ	4.0m	†	50	50	5.0	150m	100n	6.0	2.0m	70	†		4.0p	↑	T092	B	
67	O801	400m	80MΔ			50	45	5.0	500m	1.0	100m	100	Δ			15p	↑	T0105	A	
68	O802	400m	80MΔ			100	80	5.0	500m	1.0	100m	40	Δ			15p	↑	T0105	A	
69	O803	400m	80MΔ			80	60	5.0	500m	1.0	100m	100	Δ			15p	↑	T0105	A	
70	2N2592	400m	90MΔ	2.2m	SS	100	60	7.0	50m	25n	5.0	5.0m	115	Δ		1.5u	10	Δ	T046	A
71#	2SA1025	400m	90M	4.0m	†	60	60	5.0	100m	0.1u	12	2.0m	800	†		3.5p	↑	T092	B	
72#	2SA1081	400m	90M	4.0m	†	90	90	5.0	100m	0.1u	12	2.0m	800	†		3.5p	↑	T092	B	
73#	2SA1082	400m	90M	4.0m	†	120	120	5.0	100m	0.1u	12	2.0m	800	†		3.5p	↑	T092	B	
74#	2SA1083	400m	90M	4.0m	†	60	60	5.0	100m	0.1u	12	2.0m	800	†		3.5p	↑	T092	B	
75#	2SA1084	400m	90M	4.0m	†	90	90	5.0	100m	0.1u	12	2.0m	800	†		3.5p	↑	T092	B	
76#	2SA1085	400m	90M	4.0m	†	120	120</													