

IN TYPE No. CROSS-INDEX & TECHNICAL SECTIONS

- ## SYMBOLS & CODES COMMON TO MORE THAN ONE TECHNICAL SECTION

TYPE No.

- † — Switching type, also listed in Section 12
- ⊘ — Chopper, also listed in Section 13, Category 10
- * — These types also included elsewhere with other characteristics. See Type No. Cross Index for alternate line no.
- § — Radiation Resistant Devices, also listed in Section 13, Category 13.

(All Sections

- | | | |
|-----|-----------------------------|---------------|
| A | - Alloy | Except 6 & 7) |
| AN | - Annular | |
| D | - Diffused or drift | |
| DM | - Diffused mesa | |
| E | - Epitaxial | |
| EA | - Epitaxial annular | |
| EM | - Epitaxial mesa | |
| F | - Fused | |
| G | - Grown | |
| GA | - Gallium Arsenide | |
| H | - Hometaxial | |
| MA | - Mico alloy | |
| MD | - Micro alloy diffused | |
| ME | - Mesa | |
| MOS | - Metal oxide silicon | |
| PA | - Precision alloy | |
| PC | - Point contact | |
| PD | - Precision alloy diffused | |
| PE | - Planar epitaxial | |
| PL | - Planar | |
| S | - Surface barrier | |
| * | - Matched pair | |
| △ | - Switching, other uses | |
| □ | - Chopper, other uses | |
| ⊗ | - Noise figure 8db or below | |
| † | - Plastic package | |
| ℳ | - Overlay | |

LINE No.	TYPE No.	MAX. COLL. DISS. @25°C (W)	DERATE IN FREE AIR W/C (Hz)	TABS MAX RATINGS @25°C				MAX. lcbo @MAX Vcb (A)	TYPICAL R PARAMETERS						Cob	STRUC-TURE	DWG #C Y200 E D	#C E D	Y200 D E
				M E BVcbo	A M BVceo	X P BVebo	lc		BIAS			COMMON EMITTER							
			fab			(V)	(V)	(V)	(A)	Vcb	lc	hfe	hoe	hie	hre				
						(V)	(V)	(V)	(A)	(V)	(A)		(mhos)	(Ω)	X.0001	(F)			

- \$ - Tetrode
- Radiation Resistant Device
(Also See Above)

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) fab IN FREE AIR W/°C	T M E A M X P	ABS MAX RATINGS @25°C				MAX. I _{co} @MAX V _{cb} (A)	TYPICAL 'h' PARAMETERS							Cob (F)	STRUC-TURE	DWG Y200 s/a TO200 Ser.	# C E O D E
					BV _{cb} (V)	BV _{ceo} (V)	BV _{ebo} (V)	I _c (A)		BIAS			COMMON EMITTER							
										V _{cb} (V)	I _e (A)	h _{fe}	h _{oe} (mhos)	h _{ie} (Ω)	h _{re} X.0001					
1#	BC196B	150m*	250M	825u	30	25	5.0	100m	10u	5.0	2.0m	240	19u	8.0k	10	4.0p	PE1	u47a	D	
2	2N4411	150m	400M	833u	15	12	5.0	25m	5.0n	5.0	500u	40	10u	8.0k	10	700f	E	TO72	G	
3#	BSV55AP†	150m	400M	1.2m	30	25	5.0	100m	10u	5.0	30m	40	10u	8.0k	10	6.0p	PE1	u17c	E	
4#	BSV55P†	150m	400M	1.2m	30	25	5.0	100m	10u	5.0	30m	40	10u	8.0k	10	6.0p	PE1	u17c	E	
5	FK3962	175m	40M	1.0m	60	60	6.0	10n	10n	5.0	10m	280	19u	8.0k	10	6.0p	DPL	u17a		
6	FV3962	175m	40M	1.0m	60	60	6.0	10n	10n	5.0	10m	280	19u	8.0k	10	6.0p	DPL	u5a		
7	FK3964	175m	50M	1.0m	45	45	6.0	10n	10n	5.0	10m	330	25u	10k	10	6.0p	DPL	u17a		
8	FV3964	175m	50M	1.0m	45	45	6.0	10n	10n	5.0	10m	330	25u	10k	10	6.0p	DPL	u5a		
9	FK3502†	175m	150M	1.0m	45	45	5.0	500m	10n	10n	10m	270	25u	10k	10	8.0p	DPE	u17b		
10	FK3503†	175m	150M	1.0m	60	60	5.0	500m	10n	10n	10m	270	25u	10k	10	8.0p	DPE	u17b		
11	FV3502†	175m	150M	1.0m	45	45	5.0	500m	10n	10n	10m	270	25u	10k	10	8.0p	DPE	u5b		
12	FV3503†	175m	150M	1.0m	60	60	5.0	500m	10n	10n	10m	270	25u	10k	10	8.0p	DPE	u5b		
13	FK2894†	175m	350M	1.0m	12	12	4.0	10u	10u	5.0	30m	75	25u	1.5k	7.0	6.0p	DPE	u17b	E	
14	FV2894†	175m	350M	1.0m	12	12	4.0	10u	10u	5.0	30m	75	25u	1.5k	7.0	6.0p	DPE	u5b	A	
15#	BC250	200m	2.0m	2.0m	20	20	5.0	100m	100n	1.0	1.0m	35	21p	1.5k	7.0	21p	A	X64	A	
16#	V655	200m	2.0m	2.0m	35	35	5.0	50m	50n	5.0	1.0m	135	15u	5.2k	1.8	4.0p	PL	TO106	A	
17#	OC430	200m*	60M	1.9m	10	10	10	50m	40u	5.0	1.0m	15	20u	900	4.0	30p	A	R41		
18#	OC430K	200m*	60M	2.4m	10	10	10	50m	40u	5.0	1.0m	15	20u	900	4.0	30p	A	R43		
19#	OC440	200m*	60M	1.9m	30	30	10	50m	40u	5.0	1.0m	15	20u	900	4.0	30p	A	R41		
20#	OC445	200m*	60M	1.9m	50	50	10	50m	40u	5.0	1.0m	15	20u	900	4.0	30p	A	R41		
21#	OC450	200m*	80M	1.9m	75	75	10	50m	40u	5.0	1.0m	15	20u	1.1k	4.0	30p	A	R41		
22#	OC443	200m*	1.0M	1.9m	25	25	20	50m	10u	5.0	1.0m	25	25u	1.3k	5.0	30p	A	R41		
23#	OC449	200m*	1.0M	1.9m	60	60	30	50m	50u	5.0	1.0m	25	25u	1.3k	6.0	30p	A	R41		
24#	OC465	200m*	1.0M	1.9m	20	20	10	50m	40u	5.0	1.0m	25	25u	1.3k	5.0	30p	A	R41		
25#	OC469	200m*	1.0M	1.9m	32	32	10	50m	40u	5.0	2.0m	20	25u	1.5k	6.0	30p	A	R41		
26#	OC460	200m*	1.2M	1.9m	10	10	10	50m	40u	5.0	1.0m	30	25u	1.5k	6.0	30p	A	R41		
27#	OC466	200m*	1.2M	1.9m	10	10	10	50m	40u	5.0	1.0m	30	25u	1.5k	6.0	30p	A	R41		
28#	OC470	200m*	1.2M	1.9m	30	30	10	50m	40u	5.0	1.0m	30	25u	1.7k	6.0	30p	A	R41		
29#	OC467	200m*	1.5M	1.9m	25	25	20	50m	10u	5.0	1.0m	30	25u	1.5k	7.0	30p	A	R41		
30	2N260	200m	1.8M	1.5m	10	10	10	50m	1n	6.0	1.0m	16	21p	1.5k	7.0	21p	A			
31	2N260A	200m	1.8M	1.5m	10	10	10	50m	1n	6.0	1.0m	16	21p	1.5k	7.0	21p	A			
32	2N261	200m	1.8M	1.5m	10	10	10	50m	1n	6.0	1.0m	16	21p	1.5k	7.0	21p	A			
33#	OC468	200m*	2.5M	1.9m	10	10	10	50m	40u	5.0	1.0m	60	40u	2.5k	7.0	30p	A	R41		
34	2N262	200m	6.0M	1.5m	10	10	10	50m	1n	6.0	1.0m	20	21p	1.5k	7.0	21p	A			
35	2N262A	200m	6.0M	1.5m	10	10	10	50m	1n	6.0	1.0m	20	21p	1.5k	7.0	21p	A			
36#	2SA494GR	200m	10M	2.0m	35	35	5.0	30m	500n	6.0	100u	220	2.8u	14k	1.0	21p	PE	R67a	B	
37#	2SA494O	200m	10M	2.0m	35	35	5.0	30m	500n	6.0	100u	90	1.1u	8.0k	900m	6.0p	PE	R67a	B	
38#	2SA494Y	200m	10M	2.0m	35	35	5.0	30m	500n	6.0	100u	140	1.6u	11k	950m	6.0p	PE	R67a	B	
39#	AT450†	200m	20M	1.6m	30	30	5.0	50m	20n	100	100u	60	6.0p	11k	950m	6.0p	PE	MM12a	D	
40#	AT451	200m	20M	1.6m	30	30	5.0	50m	20n	100	100u	200	6.0p	11k	950m	6.0p	PE	MM12a	D	
41#	AT452	200m	20M	1.6m	45	45	5.0	50m	20n	100	100u	60	6.0p	11k	950m	6.0p	PE	MM12a	D	
42#	AT453	200m	20M	1.6m	45	45	5.0	50u	20n	100	100u	200	6.0p	11k	950m	6.0p	PE	MM12a	D	
43#	2SA567	200m	100M	2.0m	30	30	4.0	100m	500n	6.0	1.0m	300	25u	10k	4.0	10p	PE	TO1		
44#	2SA568	200m	120M	2.0m	35	35	4.0	300m	10u	2.0	150m	100	10p	10k	4.0	10p	PE	TO92	D	
45#	2SA569	200m	120M	2.0m	50	45	4.0	300m	10u	2.0	150m	100	10p	10k	4.0	10p	PE	TO92	D	
46#	2SA570	200m	120M	2.0m	65	60	4.0	300m	10u	2.0	150m	100	10p	10k	4.0	10p	PE	TO92	D	
47	DZ9A4	200m	340M	2.6m	25	25	4.0	100m	100n	4.5	50m	90	8.0p	1.5k	7.0	8.0p	PE	TO98	B	
48	DZ9A5	200m	340M	2.6m	25	25	4.0	100m	100n	4.5	50m	225	8.0p	1.5k	7.0	8.0p	PE	TO98	B	
49#	2SA548	200m	400M	2.0m	50	35	5.0	100m	10u	6.0	1.0m	100	3.0p	1.5k	7.0	3.0p	PE	X64	A	
50#	BSW81†	200m	400M	2.0m	12	12	4.0	30m	80n	5.0	30m	70	6.0p	1.5k	7.0	6.0p	PE	TO106	A	
51	2N4973	200m	800M	2.0m	20	15	3.0	30m	25n	1.0	3.0m	20	3p	1.5k	7.0	2.0p	PE	X64	A	
52	RT2461	200m	1.0G	1.2m	20	15	5.0	30m	0.1u	1.0	3.0m	20	3p	1.5k	7.0	3p	PE	R38		
53	RT2463	200m	1.2G	1.2m	15	10	5.0	30m	0.1u	1.0	3.0m	20	3p	1.5k	7.0	3p	PE	R38		
54	A758A	220m	130M	2.0m	25	25	5.0	100m	50u	5.0	2.0m	180	100u	1.5k	7.0	110p	PL	MM10	A	
55	A758B	220m	130M	2.0m	25	25	5.0	100m	50u	5.0	2.0m	290	100u	1.5k	7.0	110p	PL	MM10	A	
56	A759A	220m	130M	2.0m	20	20	5.0	100m	50u	5.0	2.0m	180	100u	1.5k	7.0	110p	PL	MM10	A	
57	A759B	220m	130M	2.0m	20	20	5.0	100m	50u	5.0	2.0m	290	100u	1.5k	7.0	110p	PL	MM10	A	
58	GT1644	225m	2.0M	1.8m	60	40	5.0	500m	10u	6.0	1.0m	15	1.0ub	35	20	12p	A	TO5		
59	A3T2906†	225m	200M	1.8m	60	40	5.0	500m	20n	100	1.0m	25	12p	35	20	12p	PE	u44	A	
60	A3T2906A†	225m	200M	1.8m	60	40	5.0	500m	10n	100	1.0m	4								