

SYMBOLS & CODES EXPLAINED

IN TYPE No. CROSS-INDEX & TECHNICAL SECTIONS

- Δ } Indicators of separate manufacturers producing same type number (non-JEDEC) whose characteristics are not the same.
 $\square$ } This manufacturer-identifying symbol (assigned by D.A.T.A.) is an integral part of the type number (in Type No. Cross Index,
 $\%$ } Technical Data Sections) to avoid the possibility of confusing the devices of one manufacturer with the devices of others.
 RT ... Replacement Type; consult manufacturer.

SYMBOLS & CODES COMMON TO MORE THAN ONE TECHNICAL SECTION

LINE No.

- ∇ - New Type
 $\blacklozenge$ - Revised Specifications
 $\#$ - Non-JEDEC Type manufactured outside U.S.A.

TYPE No.

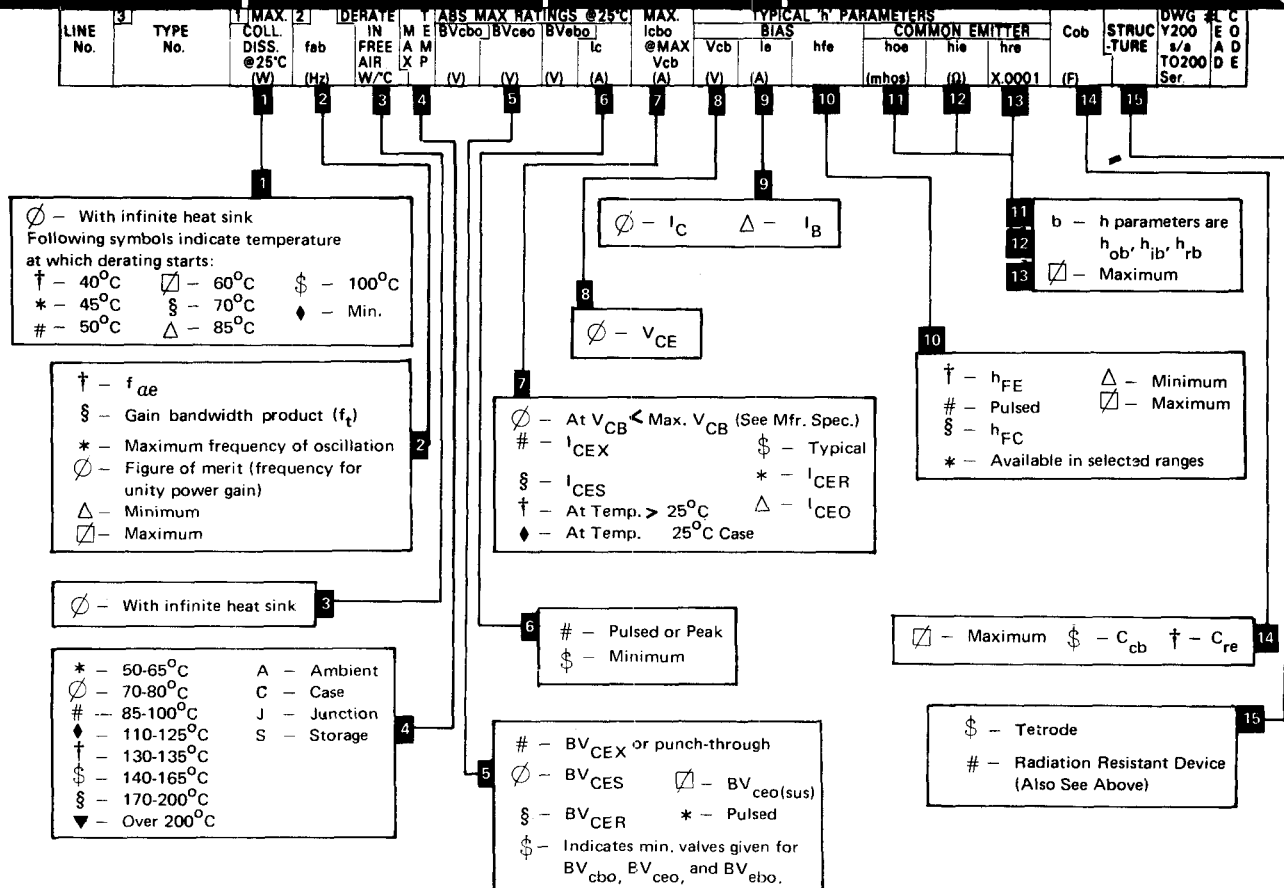
- $\dagger$ - Switching type, also listed in Section 12
 $\oslash$ - Chopper, also listed in Section 13, Category 10
 $*$ - These types also included elsewhere with other characteristics. See Type No. Cross Index for alternate line no.
 $\S$ - Radiation Resistant Devices, also listed in Section 13, Category 13.

STRUCTURE

(All Sections Except 6 & 7)

- A - Alloy
 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
 Δ - Switching, other uses
 $\square$ - Chopper, other uses
 $\oslash$ - Noise figure 8db or below
 $\dagger$ - Plastic package
 $\%$ - Overlay

2. GERMANIUM PNP 3. GERMANIUM NPN 4. SILICON PNP 5. SILICON NPN--Low Power Transistors



2. GERMANIUM 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 (Hz)	3 M E A M X P	4 ABS MAX RATINGS @25°C				5 MAX. I _{cb} @MAX V _{cb} (A)	6 TYPICAL 'h' PARAMETERS							7 Cob (F)	8 STRUC-TURE	9 DWG # Y200 s/a TO200 Ser.	10 C O A D E
					BV _{cb} (V)	BV _{ceo} (V)	BV _{eb} (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#	ASY12-1	330m*	2.5m	ØJ	32	18	10	600m		600	600m	30 ↑					A	R43		
2#	ASY12-2	330m*	2.5m	ØJ	32	18	10	600m		600	600m	40 ↑					A	R43		
3#	ASY13-1	330m*	2.5m	ØJ	60	30	10	600m		600	600m	30 ↑					A	R43		
4#	ASY13-2	330m*	2.5m	ØJ	60	30	10	600m		600	600m	40 ↑					A	R43		
5#	2SB67	350m	1.0M	ØJ	55		12	150m	10u	6.00	1.0m	45	21u	1.3k	2.1		45p	A	TO1	
6#	2SB67A	350m	1.0M	ØJ	60		30	150m	10u	6.00	1.0m	45	21u	1.3k	2.1		45p	A	TO1	
7#	SFT124	350m	1.0M	ØJ	24		12	500m	20u	1.00	250m	30 ↑		220			A	R13		
8#	SFT143	350m	1.0M	ØJ	45	20	25	500m	20u	1.00	250m	30 ↑		220			60p	A	R13	
9#	SFT144	350m	1.8M	ØJ	45	20	25	500m	20u	1.00	250m	60 ↑		380			60p	A	R13	
10#	SFT125	350m	2.0M	ØJ	24		12	500m	20u	1.00	250m	70 ↑		500			A	R13		
11#	SFT125P	350m	2.0M	ØJ	30	15	15	500m	25u	1.00	250m	70 ↑		500			A	R13		
12#	2SA359	350m	250M	ØJ	20		20	20m	15u	6.00	5.0m	30					3.5p	ME	TO5	
13	2N2962	350m	560MΔ	ØJ	40	18	1.5	300m	5.0u								10p			
14	2N2963	350m	560MΔ	ØJ	40	18	1.0	300m	5.0u								10p			
15	2N2964	350m	560MΔ	ØJ	30	15	1.5	300m	5.0u								10p			
16	2N2965	350m	560MΔ	ØJ	30	15	1.0	300m	5.0u								10p			
17	MN13A	380m	.75M	ØJ	40		20	150m	25u	120	25m	15								
18	MN13B	380m	1.3M	ØJ	40		20	150m	25u	120	25m	30								
19	MN13C	380m	2.4M	ØJ	40		20	150m	25u	120	25m	60								
20#	AC105	400m	13m	ØJ	40	18	10	1	8.0u	1.00	9.0mΔ	45							X12	
21#	AC106	400m	13m	ØJ	40	18	10	1	8.0u	1.00	2.7mΔ	150							X12	
22#	AC107	400m	13m	ØJ	40	18	10	1	8.0u	1.00	2.7mΔ	150							X9	
23#	AC110	400m	13m	ØJ	40	18	10	1	8.0u	1.00	2.7mΔ	150							X12	
24#	2N1009	400m	7.5kΔ	ØJ	35	35	5	100m	10u	5.00	10m	40	500u	2.0k					TO5	
25	KF2000	400m	.01M	ØJ	80	50	20	3	100u	.500	1	35							TO5	
26	KF2001	400m	.01M	ØJ	120	100	20	3	100u	.500	1	40							TO5	
27	KF2002	400m	.01M	ØJ	80	50	20	3	100u	.500	1	35							TO5	
28	KF2003	400m	.01M	ØJ	120	100	20	3	100u	.500	1	40							TO5	
29	2N2827	400m	17k↑	ØJ	40	30	20	1.5	100u	2.00	100m	75							TO37	
30#	GET15	400m	1.0M	ØJ	15		350m					55					65p			
31#	44T1	400m	1.2M	ØJ	45		5.0	300m	16u	1.00	150m	54					35p		MS4	
32	B1154	400m	1.5M	ØJ	60						10m	60								
33#	125T1	400m	2.0M	ØJ	20	20		400m	16u	20	1.0m	44	2.7u	1.4	3.4				TO5	
34#	126T1	400m	2.5M	ØJ	20	20		400m	16u	20	1.0m	64	26u	1.9	1.0				TO5	
35#	127T1	400m	3.0M	ØJ	20	20		400m	16u	20	1.0m	81	90u	2.3	6.0				TO5	
36#	AC139K/AC142K	420m	1.5M	ØJ	40	25	3.0	1.2	10u	0.0	400m	100					40p		TO1	
37#	SFT235	450m	.30M	ØJ	100	60	20	1	750u	.500	1	40							TO11	
38#	2SB105	500m	500k	ØJ	30		10	500m	100u	2.00	200m	70							R20	
39#	2SB108	500m	500k	ØJ	40		10	500m	100u	2.00	200m	70							R20	
40#	2SB108A	500m	500k	ØJ	60		10	500m	100u	2.00	200m	70							R20	
41#	2SB108B	500m	500k	ØJ	80		10	500m	100u	2.00	200m	70							R20	
42	GA52830	500m	8.0M	ØJ	40		40	500m	100u	4.50	20m	215	250nb	28	7.6		47p	Δ		
43	2N36011	500m	20MΔ	ØJ	100	40	2.5	3.5	200u	1.50	1.0	60							RO810	
44	2N36031	500m	20MΔ	ØJ	130	55	2.5	3.5	200u	1.50	1.0	60							RO810	
45#	17T1	550m	9.1m	ØJ	35			500m			20m	100								
46#	18T1	550m	9.1m	ØJ	25			500m			20m	100								
47#	OC74N	550m	8.0kΔ	ØJ	20	10	6.0	300m	20u	6.0	50m	60							TO1	
48#	SFT130	550m	1.0M	ØJ	24		12	500m	20u	1.00	250m	30		220					MS5	
49#	SFT145	550m	1.0M	ØJ	45	20	25	500m	20u	1.00	250m	30		220			60p		MS5	
50#	SFT146	550m	1.8M	ØJ	45	20	25	500m	20u	1.00	250m	60		380			60p		MS5	
51#	SFT131	550m	2.0M	ØJ	24		12	500m	20u	1.00	250m	70		500					MS5	
52#	SFT131P	550m	2.0M	ØJ	30	15	15	500m	25u	1.00	250m	70		500					MS5	
53#	AFY10	560m*	250MΔ	ØJ	30	15	1.0	70m	18u	100	10m	60					1.2p	ME	TO5	
54#	AFY116	560m	550MΔ	ØJ	30	15	1.0	70m	18u	100	10m	60					2.2p	ME	TO39	
55#	2SB271	600m		ØJ	25						100m	80							TO1	
56#	2SB272	600m		ØJ	25						100m	200							TO1	
57#	2SB273	600m		ØJ	25						100m	150							TO1	
58	OC83	600m	.85MΔ	ØJ	32	20	3.0	500m	100u	6.00	1.0m	90							TO1	
59#	OC84	600m	1.0MΔ	ØJ	32	32	10	500m	100u	6.00	1.0m	90							TO1	
60#	2SB106	700m	500k	ØJ	30		10		100u	2.00	200m	20							R20	
61#	2SB109	700m	500k	ØJ	40		10		100u	2.00	200m	15							R20	
62#	2SB109A	700m	500k	ØJ	60		10		100u	2.00	200m	15							MM5	
63#	2SB109B	700m	500k	ØJ	80		10		100u	2.00	200m	15							MM5	
64#	NKT351	700m	1.0M	ØJ	30		5.0	2.5	100u	0.00	1.0	30							R56b	
65#	NKT352	750m	11m	ØJ	15	15	5.0	2	100u	1.5	1.0	20							TO8	
66#	NKT361	750m	11m	ØJ	30	30	5.0	2	100u	1.5	1.0	15							R91	
67#	NKT362	750m	20m	ØJ	15	150	5.0	2	100u	1.5	1.0	20							R91	
68#	NKT301	750m	1.0M	ØJ	60	40	15	2	1.0m	0.0	2.0	30							TO8	
69#	NKT302	750m	1.0M	ØJ	60	40	15	2.5	50u	0.00	50m	50							R56b	
70#																				