

3. DIODES

IN ORDER OF (1) PIV, (2) MIN. FWD. CURRENT, (3) V_f, and (4) TYPE No.

LINE No.	TYPE No.	PIV (V)	MINIMUM FORWARD CURRENT		MAXIMUM REVERSE CURRENT at SPECIFIED TEST CONDITIONS					CAPACITANCE		ABS. MAX. RATINGS AT 25°C				DESCRIPTION			
			CURRENT		at 25°C			TEMP. (°C)	CAP. (F)	at TEST VOLTS (V)	DISS. (W)	AV REC FWD CUR. (A)	SURGE CUR.		MAX. TEMP. (°C)	MAT.	DWG. No.		
			2 If (A)	3 @Vf (V)	Ir (A)	at Vr (V)	Ir (A)						at Vr (V)	PEAK 1 Cy (A)				PULSE WIDTH (s)	
1	TI58	270	400m	1.0	1.0	175						400m			100A	Si	A31f		
2	1N566	275	20m	1.0	200u	200										Si	D07		
3	1N3579	275	100m	1.0	750p	275	300n	275	150						150A	Ge	A31g		
4	1N59	280	3.0m	1.0	800u	250									90	Ge	D07		
5	1N1632	288	1.5m	6.0	27u	156	33u	156	100J				150m	3.8m	80m	1.0	25A	M204e	
6	1N3389	300	500n	1.0	25u	300							500m				200S	F128	
7	MC519	300	30m	900m	100n	300	5.0u	300	100A	10p	750m		200m	2.0	10m	150A	Si	D07	
8	BA147/300	300	50m	1.0	3.0u	300	100u	200	100A			210m	100m			150J	Si	D07	
9	DR699	300	50m	1.0	1.0u	200						150m	100m				Si	D07	
10	1N487A	300	100m	1.0	10u	300	25u	300	150			250m	200m	2.0	10m	200A	Si	D07	
11	1N487B	300	100m	1.0	100n	300	10u	300	150A			250m	200m	2.0	10m	200A	Si	A1cw	
12	BA145	300	100m	1.0	2.0u	300	10u	300	75J	4.0p	150		300m	1.0	10m	125J	Si	D014	
13	1N487	300	100m	1.1	25u	300	50u	300	150			250m	100m	1.0	10m	200A	Si	D07	
14	BA105	300	100m	1.1	1.0u	300				10p	5.0	210m				150J	Si*	C1g	
15	BAY46	300	100m	1.1	1.0u	300				4.0p	5.0						Si	A17f	
16	DR826	300	100m	1.5			150u	180	100								Si	D07	
17	ZS22	300	100m	1.5	50u	300	5.0u	300	100	2.0p	10	150m	100m	.20	10m	150A	Si	C1a	
18	1S924	300	200m	1.2	100n	300	50u	300	150	3.5p	0.0		200m	4.0	20m	175A	Si	A60b	
19	BAW14	300	200m	1.2	10u	300	10u	300	100			250m	200m	6.0	1.0m	175	Si	D035	
20	BAW14TF24	300	200m	1.2	10u	300	10u	300	100	3.8p	0.0	280m	200m	4.0	20m	150	Si	D035	
21	TF24	300	200m	1.2	100n	300	10u	300	100	3.8p		280m	200m	4.0	20m	175	Si	D035	
22	SV-3	300	250m	600m	100m	2.0											125		
23	ZS123	300	250m	1.1	5.0u	300	50u	300	100	12p	10	275m	250m	5.0	10m	100A	Si	D07	
24	MC030	300	400m	1.0	20u	300	15u	300	150			300m	200m			175A	Si	A2c	
25	MC030A	300	400m	1.0	.02t	300	5.0u	300	150			300m	200m			175A	Si	A2c	
26	PS5301	300	400m	1.0	.02u	300	10u	300	150			600m	400m			200S	Si*	A60p	
27	ZS103	300	400m	1.0	20u	300	15u	300	100	12p	10	400m	400m	5.0	10m	175A	Si	D07	
28	MC1523	300	500m	1.0	10u	300	10u	300	150			750m	500m			175A	Si	A2d	
29	ZS33A	300	500m	1.1	20u	300	15u	300	100	15p	10	650m	500m			160A	Si	A44	
30	ZS33B	300	500m	1.1	5.0u	300	50u	300	100	15p	10	650m	500m			160A	Si	A44	
31	BA148	300	2.0	1.5	2.0u	300	200u	300	125J	4.0p	150	400m	100m	15	10m	125J	Si	D014	
32	MD238	320	100m	1.0	500n	300						300m	100m	1.0	1.0	175J	Si#	D035	
33	TI59	320	400m	1.0	1.0u	200						400m				100A	Si	A31f	
34	1N4785	320	7.0	.77	150u	10						5.0				85S	Ge	T03	
35	1N354	325	20m	1.0	10u	300	20u	300	125				15m				Si	C12a	
36	1N220	330	2.2m	4.0	5.0u	330	100u	330	100A	2.8p	6.0	150m	7.0m			150A	Si*	C1	
37	1N1849	330	3.0m	4.0									7.5m			150A	Si	C12a	
38	MC487A	330	100m	1.0	10u	300	25u	300	150			250m	150m			175A	Si	A2c	
39	MC487B	330	10	1.0	25n	300	10u	300	150			25	15			175A	Si	A2c	
40	MC487	330	100m	1.1	25u	300	50u	300	150			250m	150m			175A	Si	A2c	
41	1N1633	336	1.5m	7.0	27u	182	33t	182	100J				3.8m	.08	1.0	25A	SeJ	M204e	
42	MQ8/5	340	10m	14	300u	220				200p	50		5.0m			55A	Se		
43	BAY21	350	100m	1.0	10u	300	25u	300	100J	1.2p	10	400m	200m			150J	Si	D07	
44	BAY88	350	100m	1.0	10u	300	20u	300	100	.70p	10	250m	250m	2.0	1.0m	150	Si	D07	
45	1N3895	350	200m	1.0	50u	350	30u	350	100				400m			150A	Si	A1	
46	BA184	350	200m	1.2	50n	300	10u	300	100	1.5p	0.0	500m	140m	2.0	10u	175A	Si	A1ap	
47	1N83	375	5.0m	1.0	30u	60											Ge	D07	
48	1N488A	380	100m	1.0	10u	380	25u	380	150			250m	200m	2.0	10m	200A	Si	D07	
49	1N488B	380	100m	1.0	100n	380	10u	380	150A			250m	200m	2.0	10m	200A	Si	A1cw	
50	1N488	380	100m	1.1	25u	380	50u	380	150			250m	100m	1.0	10m	200A	Si	D07	
51	1N1634	384	1.5m	8.0	27u	208	33u	208	100J				3.8m	80m	1.0	25A	SeJ	M204e	
52	1N221	390	2.0m	4.0	5.0u	390	100u	390	100A	2.6p	6.0	150m	6.0m			150A	Si*	C1	
53	1N3390	400	500n	1.0	25u	400						500m				200S	Si	F128	
54	ZS24	400	100m	1.5	50u	400	5.0u	400	100	2.0p	10	150m	100m	.20	10m	150A	Si	C1a	
55	1S134	400	200m	1.0			50u	400	100				200m	1.5	1.0	100A	Si	A1	
56	ZS124	400	250m	1.1	5.0u	400	50u	400	100	12p	10	275m	250m	5.0	10m	100A	Si	D07	
57	1N3894	400	400m	1.0	20u	400	30u	400	125				400m			150A	Si	A1	
58	1N4542	400	400m	1.0	.02u	400	6.0u	400	150				400m			200S	Si	D014	
59	MC040	400	400m	1.0	20u	400	15u	400	150			300m	200m			175A	Si	A2c	
60	MC040A	400	40	1.0	25n	400	5.0u	400	150			30	20			175A	Si	A2c	
61	PS5302	400	400m	1.0	.02u	400	15u	400	150			600m	400m			200S	Si*	A60p	
62	TI60	400	400m	1.0	1.0u	300						400m				100A	Si	A31f	
63	ZS104	400	400m	1.0	20u	400	15u	400	100	12p	10	400m	400m	5.0	10m	175A	Si	D07	
64	1N3728	400	400m	1.2	10u	400	10u	400	150			250m	200m	1.0	1.0	200J	Si	A1bz	
65	MC1524	400	500m	1.0	10u	400	10u	400	150			750m	500m			175A	Si	A2d	
66	ZS34A	400	500m	1.1	20u	400	20u	400	100	15p	10	650m	500m			160A	Si	A44	
67	ZS34B	400	500m	1.1	5.0u	400	50u	400	100	15p	10	650m	500m			160A	Si	A44	
68	S1R40Z	400	600m	1.0	5.0u	400										125			
69	1N3612	400	750m	1.0	10u	400	300u	400	150S					2.0		300S	Si	A1xr	
70	S1RBA40	400	1.0	1.0	10u	400								30	8.3m	135			
71	S1RBA40Z	400	1.0	1.0	10u	400								30	8.3m	135			
72	S1V40	400	1.0	1.1	10u	400								30	8.3m	150			
73	BY210-400	400	1.0	1.2										1.0		30		D015	
74	S2V40	400	1.7	1.0	10u	400								3.0		125			
75	1N5625	400	3.0	950m			300u	400	175A					3.0		125		A249	
76	S10VB40	400	10	1.0	10u	400										150			
77	MC488A	410	100m	1.0	10u	380	25u	380	150			250m	150m			175A	Si	A2c	
78	MC488B	410	10	1.0	25n	380	10u	380	150			25	15			175A	Si	A2c	
79	MC488	410	100m	1.1	25u	380	50u	380	150			250m	150m			175A	Si	A2c	
80	BA185	450	200m	1.2	50n	350	10u	350	100	1.5p	0.0	500m	140m	2.0	10u	175A	Si	A1ap	
81	1N222	470	1.5m	4.0	5.0u	470	100u	470	100A	2.4p	6.0	150m	5.5m			150A	Si*	C1	
82	1N1850	470	2.0m	4.0									6.0m				150A	Si	C12a
83	1N3391	500	500n	1.0	25u	500						500m				200S	Si	F128	
84	MT5050	500	60m	1.0	50p	20						400m	250m	2.0	10m	175A	Si	D034	
85	MT5051	500	60m	1.0	100p	30	600n	30	1										