

12. MISCELLANEOUS DIODES

IN ORDER OF (1) USE
and (2) TYPE No.

LINE No.	TYPE No.	1 USE	DESCRIPTION MAT. DWG. No.	TECHNICAL DATA
1	PB0451	5	Ge F10ae	Doppler;Freq. 9.375GHz;Max Overall NF 15db;Typ IF Imp 70Ω;NRO 6 max.
2	PB0452	5	Ge F10ae	Doppler;Freq. 9.375GHz;Max Overall NF 15db;Typ IF Imp 250Ω;NRO 6 max.
3	PB0453	5	Ge F10ae	Doppler;Freq. 9.375GHz;Max Overall NF 12db;Typ IF Imp 70Ω;NRO 3 max.
4	PB0454	5	Ge F10ae	Doppler;Freq. 9.375GHz;Max Overall NF 12db;Typ IF Imp 250Ω;NRO 3 max.
5	PB0461	5	Ge F10ae	Doppler;Freq. 13.3GHz;Max Overall NF 15db;Typ IF Imp 70Ω;NRO 6 max.
6	PB0462	5	Ge F10ae	Doppler;Freq. 13.3GHz;Max Overall NF 15db;Typ IF Imp 250Ω;NRO 6 max.
7	PB0463	5	Ge F10ae	Doppler;Freq. 13.3GHz;Max Overall NF 12db;Typ IF Imp 70Ω;NRO 3 max.
8	PB0464	5	Ge F10ae	Doppler;Freq. 13.3GHz;Max Overall NF 12db;Typ IF Imp 250Ω;NRO 3 max.
9#	TU1B	5	Ge M284	Vr-520mV max;VF-120mV max. at 30mA;C-3.0pf max;IFM-5.0mA.
10	1N71	6	Ge M4bΔ	PIV 40V;If 15mA min at 1.0V Vf;Ir max.300uA at 30V Vr;Avg.Rec.Fwd.Current 60mA;Max.Temp.90°C
11#	DS430	6	Si A109c	IF(p)50mA;Io 20mA;Tj 110°C;Tstg 40 to 110°C;IR 10uA max;VR 3V;VF 550mV to 800mV/IF 1.5mA
12#	HV23G#1	6	Si DQ35	Junction Diode for Volt and Temp Comp;Tc-2.0mV/°C at 3.0mA;VF .58 to .65V at 3.0mA
13#	HV23G#2	6	Si DQ35	Junction Diode for Volt and Temp Comp;Tc-2.0mV/°C at 3.0mA;VF .62 to .69V at 3.0mA
14#	HV23G#3	6	Si DQ35	Junction Diode for Volt and Temp Comp;Tc-2.0mV/°C at 3.0mA;VF .58 to .69V at 3.0mA
15#	HV80	6	Si# DQ35	Junction Diode for Volt Comp;VF .55 to .75V at 3.0mA;VR 10V max;Pd 250mW max
16#	M8513A-0	6	SiΔ DQ35	Junction Varistor for Temp/Bias Com;ΔVF-2.0V/°C;Vf .65V typ at 3.0mA;Ir 10uA max at VR 5.0V
17#	M8513A-R	6	SiΔ DQ35	Junction Varistor for Temp/Bias Com;ΔVF-2.1V/°C;Vf .62V typ at 3.0mA;Ir 10uA max at VR 5.0V
18#	MA26TQ-A	6	Si A305	IF20mA; PD50mW; VF1.78-1.94V at IF 3mA; ΔF/ΔT6.0mV/°C
19#	MA26TQ-B	6	Si A305	IF20mA; PD50mW; VF1.78-2.03V at IF 3mA; ΔF/ΔT6.0mV/°C
20#	MA26W0	6	Si A305	IF30mA; PD50mW; VF1.19-1.29V at IF 3mA;ΔF/CT4.0mV/°C
21#	MA26W0-B	6	Si A305	IF30mA; PD50mW; VF1.25-1.35V at IF 3mA;ΔF/ΔT4.0mV/°C
22#	MA27	6	Si A1an	IF50mA; VR6V; VF.A.56-.61,B.59-.64,C.62-.67V at IF1.5mA;ΔF/ΔT2.0mV/°C
23	PTC301-RT	6	Si DQ35	VF 690mV max at IF 3.0mA;IR 10uA max at VR 5.0V;IFM 150mA;ΔVF/ΔTa-2.0mV/°C Typ at IF 1.0mA
24	PTC302-RT	6	Si A305	Diode Varistor for Automatic Volt Control;IF 20mA max;VF .58V at 1.5mA
25#	SF1	6	Si A271	Vr 1.5KV;Io 30mA;Vf 2.0V;trr 300ns;Max temp. 100V.
26#	STV3	6	Si A269	IF 120mAmax;Io 10A;Max Ir 10uA at Vr 50V;Vf 1.7V at If 7.0mA; Tc 7.05±0.35Dyn imp.
27#	STV3H	6	Si C156	VF 1.60V-1.80V at 7.0mA;IR 10uA max at 50V;Isurge 10A;Tstg -60 to plus 100°C.
28#	STV4H	6	Si C156	VF 2.10V-2.35V at 7.0mA;IR 10uA max at 50V;Isurge 8A;Tstg -60 to plus 100°C.
29#	SV02	6	Si A221e	Voltage 4.0V at 100mA;Max. current 150mA.
30#	SV04	6	Si A221g	Vf 3.0V at If 70mA;Ir 10uA max. at 100V;Max. Current 100mA.
31#	SV05	6	Si A221e	Vf 3.8V at If 70mA;Ir 10uA max at 100V;Max Cur. 80mA.
32#	SV06	6	Si A221g	Vf 4.5V at If 70mA;Ir 10uA max. at 100V;Max. Current 70mA.
33#	SV07	6	Si A221e	Vf 5.3V at If 70mA;Ir 10uA max at 100V;Max Cur. 55mA.
34#	SV08	6	Si A221g	Vf 6.0V at If 70mA;Ir 10uA max. at 100V;Max. Current 50mA.
35	SV100A1	6	SiΔ A389	Bipolar Junction Diode Pair;200mVmin at 50uA;900mV max at 100mA;Pt 750mW;Imax 500mAdc
36	SV100A3	6	SiΔ A388	Bipolar Junction Diode Pair;350mVmin at 10uA;1.0V max at 225mA;Pt 750mW;Imax 500mAdc
37	SV100A	6	SiΔ A388	Bipolar Junction Diode Pair;200mVmin at 10uA;900mV max at 100mA;Pt 750mW;Imax 500mAdc
38	SV100D	6	SiΔ A388	Bipolar Junction Diode Pair;430mVmin at 100uA;720mV max at 10mA;Pt 750mW;Imax 500mAdc
39	V182A1	6	ZnO M936	Symmetrical;NOM Volt; ±20% at 1.0mA;Applied V 14V;Avg Trans Diss 180mW;Cap 2500pf typ
40	V182A3	6	ZnO M936a	Symmetrical;NOM Volt 18 ±20% at 1.0mA;Applied V 14V;Avg Trans Diss 400mW;Cap 0.12uf typ
41	V222A1	6	ZnO M936	Symmetrical;NOM Volt 22 ±15% at 1.0mA;Applied V 18V;Avg Trans Diss 180mW;Cap 2000pf typ
42	V222A3	6	ZnO M936a	Symmetrical;NOM Volt 22 ±15% at 1.0mA;Applied V 18V;Avg Trans Diss 400mW;Cap 0.1uf typ
43	V242A1	6	ZnO M936	Symmetrical;NOM Volt 24 ±10% at 1.0mA;Applied V 20V;Avg Trans Diss 180mW;Cap 1700pf typ
44	V242A4	6	ZnO M936a	Symmetrical;NOM Volt 24 ±10% at 1.0mA;Applied V 20V;Avg Trans Diss 400mW;Cap 8500pf typ
45	V272A1	6	ZnO M936	Symmetrical;NOM Volt 27 ±15% at 1.0mA;Applied V 22V;Avg Trans Diss 180mW;Cap 1700pf typ
46	V272A4	6	ZnO M936g	Symmetrical;NOM Volt 27 ±15% at 1.0mA;Applied V 22V;Avg Trans Diss 400mW;Cap 8500pf typ
47	V332A1	6	ZnO M936	Symmetrical;NOM Volt 33 ±10% at 1.0mA;Applied V 26V;Avg Trans Diss 180mW;Cap 1400pf typ
48	V332A5	6	ZnO M936g	Symmetrical;NOM Volt 33 ±10% at 1.0mA;Applied V 26V;Avg Trans Diss 400mW;Cap 7000pf typ
49	V392A1	6	ZnO M936b	Symmetrical;NOM Volt 39 ±10% at 1.0mA;Applied V 31V;Avg Trans Diss 200mW;Cap 1200pf typ
50	V392A6	6	ZnO M936g	Symmetrical;NOM Volt 39 ±10% at 1.0mA;Applied V 31V;Avg Trans Diss 450mW;Cap 6000pf typ
51	V472A1	6	ZnO M936c	Symmetrical;NOM Volt 47 ±10% at 1.0mA;Applied V 38V;Avg Trans Diss 210mW;Cap 1000pf typ
52	V472A7	6	ZnO M936h	Symmetrical;NOM Volt 47 ±10% at 1.0mA;Applied V 38V;Avg Trans Diss 450mW;Cap 5000pf typ
53	V562A2	6	ZnO M936c	Symmetrical;NOM Volt 56 ±10% at 1.0mA;Applied V 45V;Avg Trans Diss 220mW;Cap 800pf typ
54	V562A8	6	ZnO M936i	Symmetrical;NOM Volt 56 ±10% at 1.0mA;Applied V 45V;Avg Trans Diss 450mW;Cap 4000pf typ
55	V682A2	6	ZnO M936d	Symmetrical;NOM Volt 68 ±10% at 1.0mA;Applied V 56V;Avg Trans Diss 240mW;Cap 700pf typ
56	V682A10	6	ZnO M936k	Symmetrical;NOM Volt 68 ±10% at 1.0mA;Applied V 56V;Avg Trans Diss 500mW;Cap 3500pf typ
57	V822A2	6	ZnO M936e	Symmetrical;NOM Volt 82 ±10% at 1.0mA;Applied V 68V;Avg Trans Diss 250mW;Cap 600pf typ
58	V822A12	6	ZnO M936m	Symmetrical;NOM Volt 82 ±10% at 1.0mA;Applied V 68V;Avg Trans Diss 500mW;Cap 3000pf typ
59	V951A7A	6	ZnO M942	Applied Vrms 95V;Vpk 350V at 100Apk;Avg Trans Diss 450mW;Cap 1250pf typ
60	V951A7B	6	ZnO M942	Applied Vrms 95V;Vpk 250V at 100Apk;Avg Trans Diss 450mW;Cap 1250pf typ
61	V1002A3	6	ZnO M936f	Symmetrical;NOM Volt 100 ±10% at 1.0mA;Applied V 81V;Avg Trans Diss 260mW;Cap 500pf typ
62	V1002A15	6	ZnO M936n	Symmetrical;NOM Volt 100 ±10% at 1.0mA;Applied V 81V;Avg Trans Diss 550mW;Cap 2500pf typ
63	V1202A1	6	ZnO M936	Symmetrical;NOM Volt 120 ±10% at 1.0mA;Applied V 102V;Avg Trans Diss 200mW;Cap 200pf typ
64	V1202A6	6	ZnO M936g	Symmetrical;NOM Volt 120 ±10% at 1.0mA;Applied V 102V;Avg Trans Diss 450mW;Cap 1200pf typ
65	V130LA1	6	ZnO M941	Applied Vrms 130V;Vpk 500V at 100Apk;Avg Trans Diss 240mW;Cap 250pf typ
66	V130LA2	6	ZnO M941	Applied Vrms 130V;Vpk 450V at 100Apk;Avg Trans Diss 240mW;Cap 250pf typ
67	V130LA10A	6	ZnO M942a	Applied Vrms 130V;Vpk 475V at 100Apk;Avg Trans Diss 500mW;Cap 1000pf typ
68	V130LA20A	6	ZnO M942m	Applied Vrms 130V;Vpk 475V at 100Apk;Avg Trans Diss 850mW;Cap 1900pf typ
69	V130LA20B	6	ZnO M942m	Applied Vrms 130V;Vpk 350V at 100Apk;Avg Trans Diss 850mW;Cap 1900pf typ
70	V130PA10A	6	ZnO M943	Applied Vrms 130V;Vpk 450V at 100Apk;Max Avg Diss 8.0W;Var Volt 255V at 1.0mAAC
71	V130PA20A	6	ZnO M943	Applied Vrms 130V;Vpk 450V at 100Apk;Max Avg Diss 15W;Var Volt 255V at 1.0mAAC
72	V130PA20B	6	ZnO M943	Applied Vrms 130V;Vpk 340V at 100Apk;Max Avg Diss 15W;Var Volt 255V at 1.0mAAC
73	V130PA20C	6	ZnO M943	Applied Vrms 130V;Vpk 300V at 100Apk;Max Avg Diss 15W;Var Volt 255V at 1.0mAAC
74	V150LA1	6	ZnO M941a	Applied Vrms 150V;Vpk 600V at 100Apk;Avg Trans Diss 240mW;Cap 150pf typ
75	V150LA2	6	ZnO M941a	Applied Vrms 150V;Vpk 550V at 100Apk;Avg Trans Diss 240mW;Cap 150pf typ
76	V150LA10A	6	ZnO M942a	Applied Vrms 150V;Vpk 550V at 100Apk;Avg Trans Diss 500mW;Cap 800pf typ
77	V150LA20A	6	ZnO M942m	Applied Vrms 150V;Vpk 550V at 100Apk;Avg Trans Diss 850mW;Cap 1600pf typ
78	V150LA20B	6	ZnO M942m	Applied Vrms 150V;Vpk 400V at 100Apk;Avg Trans Diss 850mW;Cap 1600pf typ
79	V150MA1A	6	ZnO A1ec	Symmetrical;NOM Volt 150 ±15% at 1.0mA;Applied Vrms 88V;Avg Trans Diss 200mW;Cap 32pf typ
80	V150MA2B	6	ZnO A1ec	Symmetrical;NOM Volt 150 ±10% at 1.0mA;Applied Vrms 92V;Avg Trans Diss 200mW;Cap 32pf typ
81	V150PA10A	6	ZnO M943	Applied Vrms 150V;Vpk 550V at 100Apk;Max Avg Diss 8.0W;Var Volt 298V at 1.0mAAC
82	V150PA20A	6	ZnO M943	Applied Vrms 150V;Vpk 550V at 100Apk;Max Avg Diss 15W;Var Volt 298V at 1.0mAAC
83	V150PA20B	6	ZnO M943	Applied Vrms 150V;Vpk 400V at 100Apk;Max Avg Diss 15W;Var Volt 298V at 1.0mAAC
84	V150PA20C	6	ZnO M943	Applied Vrms 150V;Vpk 360V at 100Apk;Max Avg Diss 15W;Var Volt 298V at 1.0mAAC
85	V150ZA1	6	ZnO M936b	Symmetrical;NOM Volt 150 ±10% at 1.0mA;Applied V 127V;Avg Trans Diss 200mW;Cap 170pf typ
86	V150ZA8	6	ZnO M936g	Symmetrical;NOM Volt 150 ±10% at 1.0mA;Applied V 127V;Avg Trans Diss 450mW;Cap 1000pf typ
87	V180MA1A	6	ZnO A1ec	Symmetrical;NOM Volt 180 ±15% at 1.0mA;Applied Vrms 105V;Avg Trans Diss 200mW;Cap 27pf typ
88	V180MA3B	6	ZnO A1ec	Symmetrical;NOM Volt 180 ±10% at 1.0mA;Applied Vrms 110V;Avg Trans Diss 200mW;Cap 27pf typ
89	V180ZA1	6	ZnO M936b	Symmetrical;NOM Volt 180 ±10% at 1.0mA;Applied V 153V;Avg Trans Diss 200mW;Cap 140pf typ
90	V180ZA10	6	ZnO M936h	Symmetrical;NOM Volt 180 ±10% at 1.0mA;Applied V 153V;Avg Trans Diss 450mW;Cap 800pf typ
91	V220MA2A	6	ZnO A1ec	Symmetrical;NOM Volt 220 ±15% at 1.0mA;Applied Vrms 132V;Avg Trans Diss 200mW;Cap 21pf typ
92	V220MA4B	6	ZnO A1ec	Symmetrical;NOM Volt 220 ±10% at 1.0mA;Applied Vrms 138V;Avg Trans Diss 200mW;Cap 21pf typ
93	V250LA2	6	ZnO M941b	Applied Vrms 250V;Vpk 1000V at 100Apk;Avg Trans Diss 280mW;Cap 110pf typ
94	V250LA4	6	ZnO M941b	Applied Vrms 250V;Vpk 850V at 100Apk;Avg Trans Diss 280mW;Cap 110pf typ
95	V250LA15A	6	ZnO M942b	Applied Vrms 250V;Vpk 900V at 100Apk;Avg Trans Diss 600mW;Cap 500pf typ
96	V250LA20A	6	ZnO M942b	Applied Vrms 250V;Vpk 900V at 100Apk;Avg Trans Diss 900mW;Cap 500pf typ
97	V250LA40A	6	ZnO M942n	Applied Vrms 250V;Vpk 900V at 100Apk;Avg Trans Diss 900mW;Cap 1000pf typ
98	V250LA40B	6	ZnO M942n	Applied Vrms 250V;Vpk 700V at 100Apk;Avg Trans Diss 900mW;Cap 1000pf typ
99	V250PA10A	6	ZnO M943a	Applied Vrms 250V;Vpk 880V at 100Apk;Max Avg Diss 4.0W;Var Volt 480V at 1.0mAAC
100	V250PA20A	6	ZnO M943a	Applied Vrms 250V;Vpk 880V at 100Apk;Max Avg Diss 7.0W;Var Volt 480V at 1.0mAAC
101	V250PA40A	6	ZnO M943a	Applied Vrms 250V;Vpk 880V at 100Apk;Max Avg Diss 13W;Var Volt 480V at 1.0mAAC
102	V250PA40B	6	ZnO M943a	Applied Vrms 250V;Vpk 650V at 100Apk;Max Avg Diss 13W;Var Volt 480V at 1.0mAAC
103	V250PA40C	6	ZnO M943a	Applied Vrms 250V;Vpk 600V at 100Apk;Max Avg Diss 13W;Var Volt 480V at 1.0mAAC
104	V270MA2A	6	ZnO A1ec	Symmetrical;NOM Volt 270 ±15% at 1.0mA;Applied Vrms 163V;Avg Trans Diss 200mW;Cap 17pf typ
105	V270MA4B	6	ZnO A1ec	Symmetrical;NOM Volt 270 ±10% at 1.0mA;Applied Vrms 171V;Avg Trans Diss 200mW;Cap 17pf typ
106	V275LA2	6	ZnO M941c	Applied Vrms 275V;Vpk 1100V at 100Apk;Avg Trans Diss 280mW;Cap 100pf typ
107	V275LA4	6	ZnO M941c	Applied Vrms 275V;Vpk 925V at 100Apk;Avg Trans Diss 280mW;Cap 100pf typ
108	V275LA15A	6	ZnO M942c	Applied Vrms 275V;Vpk 1000V at 100Apk;Avg Trans Diss 600mW;Cap 450pf typ
109	V275LA20A	6	ZnO M942c	Applied Vrms 275V;Vpk 1000V at 100Apk;Avg Trans Diss 600mW;Cap 450pf typ
110	V275LA40A	6	ZnO M942n	Applied Vrms 275V;Vpk 1000V at 100Apk;Avg Trans Diss 900mW;Cap 900pf typ