

## 2. SILICON REFERENCE DIODES

IN ORDER OF (1) REF. VOLTAGE,  
(2) DISSIPATION, and (3) TYPE No.

LINE No.	3 TYPE No.	TOLERANCE		1 NOM. REF. VOLT. (V)	2 MAX. DISS. @ 25°C (W)	TEST CUR. Izt (A)	MAX. DYN. IMP. (Ω)	TEMP. COEFF Tc (°C)	MAX. TEMP (°C)	DWG. No.	LINE No.	3 TYPE No.	TOLERANCE		1 NOM. REF. VOLT. (V)	2 MAX. DISS. @ 25°C (W)	TEST CUR. Izt (A)	MAX. DYN. IMP. (Ω)	TEMP. COEFF Tc (°C)	MAX. TEMP (°C)	DWG. No.
		20	15										±	2							
1#	ZPY5.1	11	5.1	1.3	100m	5.0	5.0	Δ	200J	DO41	103	1N2214	10	2	5.5	1.0	35m	5.6	3.0	165S	DO1
2#	ZY5.1	5	5.1	1.3	100m	5.0	5.0	Δ	200J	A1bg	104#	1S221	10	2	5.5	1.0	50m	14	3.6	150J	A56a
3	1N5918	20	5.1	1.5	73m	4.0			200J	DO41	105	1N2042-1	5	5	5.5	1.0	70		3.0	150J	DO4
4	1N5918A	10	5.1	1.5	73m	4.0			200J	DO41	106	1N2042A	5	5	5.5	1.0	70			150A	S19a
5	1N5918B	5	5.1	1.5	73m	4.0			200J	DO41	107	1N3984	5	5	5.5	1.0	70			150S	DO4
6#	BZY96C5V1	5	5.1	1.5	100m	5.0	784m		175J	DO1	108#	1S263	10	2	5.5	1.0	500m	2.0	3.6	150J	S19g
7#	VZ51AF	1	5.1	1.5	50m	9.0	3.5	150A		DO3	109#	HZ6A-3	3	3	5.55	400m	5.0m	35	400u#	175J	DO35
8#	VZ51BF	2	5.1	1.5	50m	9.0	3.5	150A		DO3	110#	HZ6LA-3	3	3	5.55	400m	5.0m	150		175J	DO35
9#	VZ51F	5	5.1	1.5	50m	9.0	3.5	150A		DO3	111	11BZP5V6	7	7	5.6		5.0m	40	6.0	175J	DO35
10	2E25.1D	20	5.1	2.0	98m	3.5		200J	A1ay	112#	BZX55D5V6	10	10	5.6	5.0m	60		5.0	A1ct	S442	
11	2E25.1D10	10	5.1	2.0	98m	3.5		200J	A1ay	113#	BZY83D5V6	10	10	5.6	100m	4.0		5.0			
12	2E25.1D5	5	5.1	2.0	98m	3.5		200J	A1ay	114	TSC6085CHIP										
13#	BZV47C5V1	5	5.1	2.0	100m	5.0	1.0	175J	A344r	115	TZPD5.6	5	5	5.6	1.0m	40	2.0		M911	DO35	
14	LMZ5.1	10	5.1	2.0	98m	4.0	3.0	150A	DO41	116#	RZ5.6	5	5	5.6	80m	5.0m	80	Δ	150A	C18e	
15	LMZ5.1A	5	5.1	2.0	98m	4.0	3.0	150A	DO41	117#	RZ25.6	5	5	5.6	80m	5.0m	90	Δ	150A	C18e	
16	ZBC5.1	20	5.1	2.0	98m	7.0			A1ty	118	1N1983	10	10	5.6	150m	5.0m	8.0	1.0	150	C1	
17	ZBC5.1A	10	5.1	2.0	98m	7.0			A1ty	119	1N1983A	5	5	5.6	150m	5.0m	8.0	1.0	150	C1	
18	ZBC5.1B	5	5.1	2.0	98m	7.0			A1ty	120	1N1983B	1	1	5.6	150m	5.0m	8.0	1.0	150	C1	
19	1N5013	10	5.1	2.5	122m	3.0	1.0	150	A1gn	121	AZ5.6	5	5	5.6	15	5.0m	80		170A	DO7	
20	1N5013A	5	5.1	2.5	122m	3.0	1.0	150	A1gn	122#	BZ5.6	5	5	5.6	15	5.0m	25		170A	DO7	
21#	C2C5.1	10	5.1	2.5	100m	4.0	1.0	200J	DO1	123#	Z5.6	5	5	5.6	150m	5.0m	80	Δ	150A	C18d	
22#	Z2B5.1	5	5.1	2.5	100m	4.0	1.0	200J	DO1	124#	ZZ5.6	5	5	5.6	15	5.0m	90	Δ	150A	C18d	
23	3E25.1D	20	5.1	3.0	147m	3.5		200J	A1ay	125	1N1929	10	10	5.6	200m	5.0m	8.0	1.0	150A	A82e	
24	3E25.1D10	10	5.1	3.0	147m	3.5		200J	A1ay	126	1N1929A	5	5	5.6	200m	5.0m	8.0	1.0	150A	A82e	
25	3E25.1D5	5	5.1	3.0	147m	3.5		200J	A1ay	127	1N1929B	1	1	5.6	200m	5.0m	8.0	1.0	150A	A82e	
26#	BZV16C5V1	5	5.1	3.0	98m	7.0	1.0	175J	DO13	128#	BZX84C5V6	5	5	5.6	200m	5.0m	40	2.1	150J	M500d	
27	ZCC5.1	20	5.1	3.0	150m	2.0			A1ey	129	1.4M5.6AZ,10.5										
28	ZCC5.1A	10	5.1	3.0	150m	2.0			A1ey	130	1N708	xxx	10	5.6	25	10m	20	2.5	175J	A1cy	
29	ZCC5.1B	5	5.1	3.0	150m	2.0			A1ey	131	1N708A	5	5	5.6	250m	25m	3.6	1.5	175A	DO7	
30	3Z5.1T20,10.5										132	1N708B	20	20	5.6	25	25m	3.6		200	DO14
31	1N5338	xxx	5.1	3.5	125m	5.5	4.0	165A	DO4	133	1N4626	5	5	5.6	25	250u	1.4		200	DO14	
32	1N5338A	20	5.1	5.0	240m	1.5		200A	A1ee	134	1N4690	5	5	5.6	25	50u	30	3.2	200A	DO14	
33	1N5338B	10	5.1	5.0	240m	1.5		200A	A1ee	135#	OZ25.6A	5	5	5.6	250m	10m	30		175J	DO35	
34	5M5.1ZS10.5										136#	BZY83C5V6	5	5	5.6	25	5.0m	60	4.0	150J	C1g
35	5ZS5.1A,B	xxx	5.1	5.0	240m	1.5		200A	A1ts	137	CLVA56A	5	5	5.6	250m	1.0m	16	∅	175	u2j	
36	BZV40C5V1	5	5.1	5.0	240m	1.5		200A	A1ee	138#	KS2056A	5	5	5.6	250m	5.0m	75	2.0	150A	DO7	
37#	BZV48C5V1	5	5.1	5.0	240m	1.5	1.0	175J	DO27	139#	KS2056B	10	10	5.6	250m	5.0m	80	5.0	150A	DO7	
38	THZ5R1A10	10	5.1	5.0	9.8m	21	3.0	175J	u5	140	MZ4626	∅	∅	5.6	250m	250u	1.4k		200J	DO7	
39	THZ5R1B10	10	5.1	5.0	250u	1.5k		175J	u5	141	PD6008,A	xx	xx	5.6	25	10m	30		150	A109	
40	ZC5.1	20	5.1	5.0	240	2.0			A1ey	142	PD6049	5	5	5.6	25	10m	20		150	A2c	
41	ZC5.1A	10	5.1	5.0	240	2.0			A1ey	143	PD6204	5	5	5.6	250m	1.0m	40		175A	A109	
42	ZC5.1B	5	5.1	5.0	240	2.0			A1ey	144#	BZY58	5	5	5.6	28	1.0	280		150J	A3	
43	1N3996	10	5.1	10	490m	1.1		175S	DO4	145	MC6007,A	xx	xx	5.6	30	10m	8.0		175	A2m	
44	1N3996A	5	5.1	10	490m	1.1		175S	DO4	146	QAZ2202	5	5	5.6	30	1.0m	380	1.8	150J	C1c	
45	JAN1N3996A	5	5.1	10	490m	1.1	3.0	150C	S465	147#	Z1A5.6	11	11	5.6	300m	5.0m	40	6.0	150S	C29	
46	JAN1N3996RA	5	5.1	10	490m	1.1					148#	Z1B5.6	5	5	5.6	300m	5.0m	40	6.0	150S	C29
47	10M5.1AZ10.5										149#	Z1140	5	5	5.6	300m	4.0m	60	100m	150S	C29d
48	10Z5.1T20,10.5	xx	5.1	10	490m	1.1	200m	175J	DO4	150#	Z1145	5	5	5.6	300m	4.5m	50	100m	150S	C29d	
49#	C3A5.1	xxx	5.1	10	400m	1.2	4.0	165C	DO4	151#	Z1150	5	5	5.6	300m	5.0m	45	100m	150S	C29d	
50#	C3C5.1	10	5.1	10	50m	4.0	2.0	200J	S4f	152#	Z1155	5	5	5.6	300m	5.5m	40	100m	150S	C29d	
51#	Z3A5.1	11	5.1	10	50m	1.0	1.0	200J	S457	153#	Z1160	5	5	5.6	300m	6.0m	37	100m	150S	C29d	
52#	Z3B5.1	5	5.1	10	50m	1.0	1.0	200J	S457	154#	Z1165	5	5	5.6	300m	6.5m	33	100m	150S	C29d	
53	BZX98C5V1	5	5.1	12	100m	5.0	6.0	150J	S4af	155#	Z1170	5	5	5.6	300m	7.0m	30	100m	150S	C29d	
54#	C7C5.1	10	5.1	25	3.0	1.0	1.0	200J	S457	156#	Z1240	5	5	5.6	300m	4.0m	60	200m	150S	C29d	
55#	Z7A5.1	11	5.1	25	3.0	1.0	1.0	200J	S457	157#	Z1245	5	5	5.6	300m	4.5m	50	200m	150S	C29d	
56#	Z7B5.1	5	5.1	25	3.0	1.0	2.0	200J	S457	158#	Z1250	5	5	5.6	300m	5.0m	45	200m	150S	C29d	
57#	ZX5.1	5	5.1	25	100	5.0	1.0	150J	S441	159#	Z1255	5	5	5.6	300m	5.5m	40	200m	150S	C29d	
58	1N4552	20	5.1	50	2.4	120m		175J	S4w	160#	Z1260	5	5	5.6	300m	6.0m	37	200m	150S	C29d	
59	1N4552A	10	5.1	50	2.4	120m		175J	S4w	161#	Z1265	5	5	5.6	300m	6.5m	33	200m	150S	C29d	
60	1N4552B	5	5.1	50	2.4	120m		175J	S4w	162#	Z1270	5	5	5.6	300m	7.0m	30	200m	150S	C29d	
61	JAN1N4552B	5	5.1	50	2.4	120m	3.5	150A	S4w	163#	Z1540	5	5	5.6	300m	4.0m	60	500m	150S	C29d	
62	JAN1N4552RB	5	5.1	50	2.4	120m	3.5	150A	S4ad	164#	Z1545	5	5	5.6	300m	4.5m	50	500m	150S	C29d	
63	1N4560	20	5.1	50	2.4	120m	1.0	175J	C5a	165#	Z1550	5	5	5.6	300m	5.0m	45	500m	150S	C29d	
64	1N4560A	10	5.1	50	2.4	120m	1.0	175J	C5a	166#	Z1555	5	5	5.6	300m	5.5m	40	500m	150S	C29d	
65	1N4560B	5	5.1	50	2.4	120m	1.0	175J	C5a	167#	Z1560	5	5	5.6	300m	6.0m	37	500m	150S	C29d	
66	JAN1N4560B	5	5.1	50	2.4	120m	3.5	150C	C63g	168#	Z1565	5	5	5.6	300m	6.5m	30	500m	150S	C29d	
67	JAN1N4560RB	5	5.1	50	2.4	120m	3.5	150C	C63j	169#	Z1570	5	5	5.6	300m	7.0m	30	500m	150S	C29d	
68	50M5.1ASZ5										170	C5D5232	10	10	5.6	320m	2.0m	25	6.0	150S	M927