

1N3072-1N3168

TYPE	MATERIAL	REPLACEMENT	PAGE NUMBER	IDENTIFICATION	RECTIFIERS					ZENER DIODES			
					V <sub>R</sub> (volts)	V <sub>F</sub> (volts)	I <sub>O</sub> (Amps)	I <sub>R</sub> (mA)	I <sub>surge</sub> (Amps)	V <sub>Z</sub> (min)	V <sub>Z</sub> (nom) * V <sub>Z</sub> (max)	Tol V <sub>Z</sub> %	P <sub>D</sub>
					SIGNAL DIODES				REFERENCE DIODES				
PRV (volts)	V <sub>F</sub> @ I <sub>F</sub> (volts)	I <sub>R</sub>	t <sub>rr</sub> (μs)	TC %/°C	V <sub>Z</sub>	T (min) °C	T (max) °C						
1N3072	S			R	50	1.5	0.2	0.5	10				
1N3073	S			R	100	1.5	0.2	0.5	10				
1N3074	S			R	150	1.5	0.2	0.5	10				
1N3075	S			R	200	1.5	0.2	0.5	10				
1N3076	S			R	250	1.5	0.2	0.5	10				
1N3077	S			R	300	1.5	0.2	0.5	10				
1N3078	S			R	350	1.5	0.2	0.5	10				
1N3079	S			R	400	1.5	0.2	0.5	10				
1N3080	S			R	500	1.5	0.2	0.5	10				
1N3081	S			R	600	1.5	0.2	0.5	10				
1N3082	S			R	200	1.25	0.5	0.2	15				
1N3083	S			R	400	1.25	0.5	0.2	15				
1N3084	S			R	600	1.25	0.5	0.2	15				
1N3085	S	MR1221SB	3-39	R	100	1.1	150	40	1500				
1N3086	S	MR1223SB	3-39	R	200	1.1	150	40	1500				
1N3087	S	MR1225SB	3-39	R	300	1.1	150	40	1500				
1N3088	S	MR1227SB	3-39	R	400	1.1	150	40	1500				
1N3089	S			R	500	1.1	150	40	1500				
1N3090	S			R	600	1.1	150	40	1500				
1N3091	S			R	800	1.1	150	40	1500				
1N3092	S			R	1000	1.1	150	40	1500				
1N3093	G	X-band Switch		MS									
1N3097	G			MS	30	0.5	10M	4.0*	0.5				
1N3098	S	1N3046A	2-20	ZD						110	130		1.0W
1N3099	S	1N3048A	2-20	ZD						130	160		1.0W
1N3100	S	1N3050A	2-20	ZD						160	200		1.0W
1N3101	S	1N3051	2-20	ZD						200	240		1.0W
1N3102	S	1N3008A	2-19	ZD						110	130		10W
1N3103	S	1N3011	2-19	ZD						130	160		10W
1N3104	S	1N3014A	2-19	ZD						160	200		10W
1N3105	S	1N3015	2-19	ZD						200	240		10W
1N3106	S			R	800	1.6	0.75	0.3	30				
1N3107	S			R	1200	3.2	0.5	0.3	15				
1N3108	S			R	800	1.6	1.5	0.3	30				
1N3109	S			R	1200	3.2	0.7	0.3	15				
1N3110	G			GP	8.0	0.45	5.0M	20*					
1N3111	S	MR1290SB	3-49	R	50	1.1	150	40	1500				
1N3112	S	1N4737A	2-29	ZD						7.13	7.88		1.0W
1N3113		Tunnel Diodes, See table on page 1-92											
1N3120		Tunnel Diodes, See table on page 1-92											
1N3121	G			MS	50	0.25	0.1M	3.5*	0.5				
1N3122	G			GP	20	0.3	1.0M	4.5*					
1N3123	S			HS	40	1.5	10M	0.1*	4.0				
1N3124	S			HS	40	1.0	20M	0.1*	4.0				
1N3125	G			MS	40	0.4	5.0M	100*	0.3				
1N3128		Tunnel Diodes, See table on page 1-92											
1N3130		Tunnel Diode, See table on page 1-92											
1N3138		Tunnel Diode, See table on page 1-92											
1N3139	S			R	50	1.55	70	15	1200				
1N3140	S			R	100	1.55	70	15	1200				
1N3141	S			R	150	1.55	70	15	1200				
1N3142	S			R	200	1.55	70	15	1200				
1N3143	G	Microwave C-X-band Detector											
1N3144	G			MS	20	0.3	1.0M	20*	0.5				
1N3145	G			GP	65	0.45	10M	25*					
1N3146	G			CS	20	1.0	50M	100*	2.0				
1N3147	S			HC	45	1.0	100M		1.0				
1N3148	S	1N3155A	2-45	RD						0.005	8.5	-55	100
1N3149		Tunnel Diode, See table on page 1-92											
1N3149A		Tunnel Diode, See table on page 1-92											
1N3150		Tunnel Diode, See table on page 1-92											
1N3151	S			R	7200	27	0.1	250	12				
1N3154	S		2-45	RD						0.01	8.8	-55	100
1N3154A	S		2-45	RD						0.01	8.8	-55	150
1N3155	S		2-45	RD						0.005	8.8	-55	100
1N3155A	S		2-45	RD						0.005	8.8	-55	150
1N3156	S		2-45	RD						0.002	8.8	-55	100
1N3156A	S		2-45	RD						0.002	8.8	-55	150
1N3157	S		2-45	RD						0.001	8.8	-55	100
1N3157A	S		2-45	RD						0.001	8.8	-55	150
1N3159	G			MS	15	0.45	10M		0.3				
1N3160	G			GP	60	1.0	5.0M	12*					
1N3161	S	MR1230SB	3-52	R	50	1.30	240	16	3000				
1N3162	S	MR1231SB	3-52	R	100	1.30	240	16	3000				
1N3163	S	MR1232SB	3-52	R	150	1.30	240	16	3000				
1N3164	S	MR1233SB	3-52	R	200	1.30	240	16	3000				
1N3165	S	MR1234SB	3-52	R	250	1.30	240	16	3000				
1N3166	S	MR1235SB	3-52	R	300	1.30	240	16	3000				
1N3167	S	MR1236SB	3-52	R	350	1.30	240	16	3000				
1N3168	S	MR1237SB	3-52	R	400	1.30	240	16	3000				

R—Rectifier, RD—Reference Diode, ZD—Zener Diode, GP—General Purpose, HC—High Conductance (≥ 20 mA @ ≤ 1 V), HS—High Speed Switch (Max t<sub>rr</sub> < 0.3 μs), CS—High Conductance, High Speed Switch, MS—Medium Speed Switch, PA—Parametric Amplifier, SP—Special Purpose.