

TYPE	MATERIAL	REPLACEMENT	PAGE NUMBER	IDENTIFICATION	RECTIFIERS					ZENER DIODES			
					V _R (volts)	V _F (volts)	I _O (Amps)	I _R (mA)	I _{surge} (Amps)	V _Z (min)	V _Z (nom) *	Tol V _Z %	P _D
					SIGNAL DIODES					REFERENCE DIODES			
					PRV (volts)	V _F @ I _F (volts)	I _R	t _r (μs)	TC %/°C	V _Z	T (min) °C	T (max) °C	
1N194A	S			GP	40	1.0	1.0M	10*	0.2				
1N195	S			GP	40	2.0	2.0M	10*	0.3				
1N196	S			GP	40	2.0	1.0M	10*	0.1				
1N198	S			GP	80	1.0	4.0M	10*					
1N198A	G			GP	80	1.0	4.0M	10*					
1N198B	G			MS	80	1.0	4.0M	10*	0.3				
1N200	S			ZD						7.5			150M
1N201	S			ZD						9.0			150M
1N202	S			ZD						11			150M
1N203	S			ZD						13.5			150M
1N204	S			ZD						17			150M
1N205	S			ZD						20			150M
1N206	S			ZD						25			150M
1N207	S			ZD						30			150M
1N208	S			ZD						37			150M
1N209	S			ZD						43			150M
1N210	S			ZD						52			150M
1N211	S			ZD						62			150M
1N212	S			ZD						75			150M
1N213	S			ZD						90			150M
1N214	S			ZD						110			150M
1N215	S			ZD						135			150M
1N216	S			ZD						170			150M
1N217	S			ZD						200			150M
1N218	S			ZD						250			150M
1N219	S			ZD						300			150M
1N220	S			ZD						370			150M
1N221	S			ZD						430			150M
1N222	S			ZD						520			150M
1N225	S	1N5237A†	2-32	ZD						7.5	10		150M
1N225A	S	1N5237B†	2-32	ZD							9.1*	5.0	150M
1N226	S	1N5240A†	2-32	ZD						9.0	12		150M
1N226A	S	1N5239B†	2-32	ZD							10*	5.0	150M
1N227	S	1N5242A†	2-32	ZD						11	14.5		150M
1N227A	S	1N5241B†	2-32	ZD							12*	5.0	150M
1N228	S	1N5245A†	2-32	ZD						13.5	18		150M
1N228A	S	1N5244B†	2-32	ZD							15*	5.0	150M
1N229	S	1N5248A†	2-32	ZD						17	21		150M
1N229A	S	1N5247B†	2-32	ZD							18*	5.0	150M
1N230	S	1N5251A†	2-32	ZD						20	27		150M
1N231	S	1N5255A†	2-32	ZD						25	32		150M
1N232	S	1N5257A†	2-32	ZD						0.30	39		150M
1N233	S	1N5259A†	2-32	ZD						37	45		150M
1N234	S	1N5261A†	2-32	ZD						43	54		150M
1N235	S	1N5263A†	2-32	ZD						52	64		150M
1N236	S	1N5266A†	2-32	ZD						62	80		150M
1N237	S	1N5269A†	2-32	ZD						75	100		150M
1N238	S	1N5271A†	2-32	ZD						90	120		150M
1N239	S	1N5274A†	2-32	ZD						110	145		150M
1N248	S	1N248B	3-9	R	50	1.5	10	5.0	200				
1N248A	S	1N248B	3-9	R	50	1.5	20	5.0	250				
1N248B	S	1N248B	3-9	R	50	1.5	20	5.0	250				
1N248C	S	1N248B	3-9	R	39	1.2	20	3.8	350				
1N249	S	1N249B	3-9	R	100	1.5	10	5.0	200				
1N249A	S	1N249B	3-9	R	100	1.5	20	5.0	250				
1N249B	S	1N249B	3-9	R	100	1.5	20	5.0	250				
1N249C	S	1N249B	3-9	R	77	1.2	20	3.6	350				
1N250	S	1N250B	3-9	R	200	1.5	10	5.0	200				
1N250A	S	1N250B	3-9	R	200	1.5	20	5.0	250				
1N250B	S	1N250B	3-9	R	200	1.5	20	5.0	250				
1N250C	S		3-9	R	154	1.2	20	3.4	350				
1N251	S			HS	30	1.0	5.0M	0.1*	0.15				
1N252	S			HS	20	1.0	10M	0.1*	0.15				
1N253	S	1N4002	3-24	R	95	1.5	1.0	0.1	4.0				
1N254	S	1N4003	3-24	R	190	1.5	0.4		1.5				
1N255	S	1N4004	3-24	R	380	1.5	0.4		1.5				
1N256	S	1N4005	3-24	R	570	1.5	0.2		1.0				
1N259	S	Microwave Mixer pair - to 9,000 MHz											
1N263	G	Microwave X-band Mixer: f = 9,375 MHz; NF = 7.5 dB											
1N264	S	Microwave Mixer pair: f = 3,000 MHz											
1N265	G			GP	90	1.0	3.2M	100*					
1N266	G			GP	60	1.0	4.0M	75*					
1N267	G			GP	25	1.0	3.5M	12*					
1N268	G			GP	30	1.0	2.5M	20*					
1N269	G	Microwave S-band Mixer: NF = 7.5 dB											
1N270	G			HC	80	1.0	200M	100*					
1N273	G			HC	30	1.0	100M	20*					
1N276	G			HC	50	1.0	40M	100*					
1N277	G			HC	100	1.0	100M	75*			0.3		
1N278	G			HC	50	1.0	20M	125*					
1N279	G			HC	30	1.0	100M	200*					
1N281	G			HC	60	1.0	100M	30*					

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

*Original device is a clipper; requires a pair of units for adequate replacement.