

1N86-1N194

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) * V_Z (max)	Tol V_Z %	P_D
					SIGNAL DIODES					REFERENCE DIODES			
					PRV (volts)	V_F (volts) @ I_F	I_R	t_{rr} (μ s)	TC %/°C	V_Z	T (min) °C	T (max) °C	
1N86	G			GP	70	1.0	4.0M	50*					
1N87	G			GP	23	0.25	0.1M	30*					
1N87A	G			GP	23	0.25	0.1M	10*					
1N88	G			GP	85	1.0	2.5M	0.1M					
1N89	G			GP	100	1.0	3.5M	8.0*					
1N90	G			GP	75	1.0	5.0M	800*					
1N91	G		3-7	R	100	0.5	0.15	4.0	25				
1N92	G		3-7	R	200	0.5	0.1	2.0	25				
1N93	G		3-7	R	300	0.5	0.075	1.3	25				
1N94	G			R	380	0.7	0.5	0.8	25				
1N95	G			GP	75	1.0	10M	800*					
1N96	G			HC	75	1.0	20M	800*					
1N96A	G			HC	60	1.0	40M	500*					
1N97	G			GP	100	1.0	10M	100*					
1N98	G			HC	100	1.0	20M	100*					
1N98A	G			HC	250	1.0	40M	100*					
1N99	G			GP	100	1.0	10M	50*					
1N100	G			HC	100	1.0	20M	50*					
1N100A	G			HC	80	1.0	40M	0.05M					
1N101	G			GP	150	1.0	10M	10*					
1N102	G			GP	75	1.0	15M	3.0*					
1N103	G			GP	12	1.0	30M	0.1M					
1N104	G			GP	12	1.0	30M	0.1M					
1N105	S	Microwave Switch:			BV = 500 V, P _D = 8.0 W								
1N106	G			HC	300	1.0	20M	70*					
1N107	G			HC	10	1.0	150M	200*					
1N108	G			HC	50	1.0	50M	200*					
1N109	G			SP	15	1.0	1.0M	0.1M					
1N110	G	Microwave Mixer - to			1,000 MHz, NF = 10 dB								
1N111	G			GP	70	1.0	5.0M	25*					
1N112	G			GP	70	1.0	5.0M	50*					
1N113	G			GP	70	1.0	2.5M	25*					
1N114	G			GP	70	1.0	2.5M	50*					
1N115	G			GP	70	1.0	2.5M	100*					
1N116	G			GP	75	1.0	5.0M	100*					
1N117	G			GP	75	1.0	10M	100*					
1N118	G			HC	75	1.0	20M	100*					
1N118A	G			HC	60	1.0	40M	0.1M	0.5				
1N119	G			MS	60	1.0	5.0M		0.5				
1N120	G			MS	60	1.0	5.0M						
1N124	G	Microwave Mixer - to			1,000 MHz, NF = 10 to 8.0 dB								
1N124A	G	Microwave Mixer - to			1,000 MHz, NF = 10 to 8.0 dB								
1N126	G			GP	75	1.0	5.0M	50*					
1N126A	G			GP	75	1.0	25M	50*					
1N127	G			GP	125	1.0	3.0M	25*					
1N127A	G			GP	125	1.0	25M	25*					
1N128	G			GP	50	1.0	3.0M	10*					
1N128A	G			GP	40	1.0	3.0M	10*					
1N132	G			SP	25								
1N133	G			GP	5.0	0.5	3.0M	300*					
1N134	G	UHF Detector: f = 400 MHz											
1N137A	S			GP	36	1.0	3.0M	0.03*					
1N137B	S			HC	36	1.0	20M	0.03*					
1N138A	S			GP	18	1.0	5.0M	0.01*					
1N138B	S			HC	18	1.0	40M	0.01*					
1N139	G			HC	40	1.0	20M	1.5M					
1N140	G			HC	70	1.0	40M	300*					
1N141	G			HC	70	1.0	20M	50*					
1N142	G			GP	100	1.0	5.0M	100*					
1N143	G			HC	100	1.0	40M	100*					
1N144	G			HC	30	1.0	100M	200*					
1N145	G			HC	30	1.0	40M	100*					
1N147	G	UHF Mixer: f = 900 MHz; NF = 10 to 9.0 dB											
1N147A	G	UHF Mixer: f = 900 MHz; NF = 10 to 9.0 dB											
1N149	S	Microwave X-band Mixer: f = 9,375 MHz; NF = 8.3 dB											
1N150	S	Microwave C-band Mixer: f = 6,750 MHz; NF = 9.8 dB											
1N151	G			R	100	0.7	0.5	2.4	25				
1N152	G			R	200	0.7	0.5	1.9	25				
1N153	G			R	300	0.7	0.5	1.2	25				
1N155	S	Microwave Detector: f = 9,000 MHz											
1N155A	S	Microwave Detector: f = 9,000 MHz											
1N156	S	Microwave X-band Mixer: f = 9,375 MHz											
1N158	G			R	380	1.4	0.5	0.8	25				
1N160	S	Microwave C-band Mixer: f = 6,750 MHz; NF = 11.4 dB											
1N173A	S	UHF Mixer - to 1,000 MHz; NF = 13 dB											
1N188	S	Photosensitive Device; I _R (dark) = 20 μ A @ 40 V, Sensitivity = 10 μ A/mW											
1N189	S	Photosensitive Device; R _D = 4,000 ohm, Sensitivity = 0.083%/fc											
1N190	G			SP	3.0	0.75	10M	0.8M					
1N191	G			MS	90	1.0	5.0M		0.5				
1N192	G			GP	70	1.0	5.0M		0.5				
1N193	S			GP	40	2.0	1.0M	40*	0.5				
1N194	S			GP	40	2.0	1.5M	10*	0.2				

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