

**1N1086-1N1176**

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)	$V_F$ @ $I_F$ (volts)	$I_R$	$t_r$ ( $\mu$ s)	TC %/°C	$V_Z$	T (min) °C	T (max) °C	
1N1086	S			R	200	1.5	0.6						24
1N1087	S			R	300	1.5	0.6						24
1N1088	S			R	400	1.5	0.6						24
1N1089	S			R	100	1.5	2.0						24
1N1090	S			R	200	1.5	2.0						24
1N1091	S			R	300	1.5	2.0						24
1N1092	S			R	400	1.5	2.0						24
1N1093	G			MS	15	0.4	5.0M	25*	0.5				
1N1095	S	1N4005	3-24	R	500	0.5	0.425	0.3					15
1N1096	S	1N4005	3-24	R	600	0.5	0.4	0.3					15
1N1100	S	1N4002	3-24	R	100	1.2	0.25	0.2					15
1N1101	S	1N4003	3-24	R	200	1.2	0.25	0.2					15
1N1102	S	1N4004	3-24	R	300	1.2	0.25	0.2					15
1N1103	S	1N4004	3-24	R	400	1.2	0.25	0.2					15
1N1104	S	1N4005	3-24	R	500	1.2	0.25	0.2					15
1N1105	S	1N4005	3-24	R	600	1.2	0.25	0.2					15
1N1108	S			R	800	3.0	0.225		13.5				
1N1109	S			R	1200	4.5	0.212		12.7				
1N1110	S			R	1600	6.0	0.2		12				
1N1111	S			R	2000	7.5	0.187		11.2				
1N1112	S			R	2400	9.0	0.175		10.5				
1N1113	S			R	2800	10.5	0.162		9.7				
1N1115	S	1N4720	3-28	R	100	0.65	0.6	0.4					15
1N1116	S	1N4721	3-28	R	200	0.65	0.6	0.3					15
1N1117	S	MR1033A	3-28	R	300	0.65	0.6	0.3					15
1N1118	S	1N4722	3-28	R	400	0.65	0.6	0.3					15
1N1119	S	MR1035A	3-28	R	500	0.65	0.6	0.3					15
1N1120	S	1N4723	3-28	R	600	0.65	0.6	0.3					15
1N1124	S	1N4721	3-28	R	200	1.1		0.3					25
1N1124A	S	1N4721	3-28	R	200		3.3	0.3					25
1N1125	S	MR1033A	3-28	R	300	1.1		0.3					25
1N1125A	S	MR1033A	3-28	R	300		3.3	0.3					25
1N1126	S	1N4722	3-28	R	400	1.1	1.0	0.3					25
1N1126A	S	1N4722	3-28	R	400		3.3	0.3					25
1N1127	S	MR1035A	3-28	R	500	1.1	1.0	0.3					25
1N1127A	S	MR1035A	3-28	R	500		3.3	0.3					25
1N1128	S	1N4723	3-28	R	600	1.1	1.0	0.3					25
1N1128A	S	1N4723	3-28	R	600		3.3	0.3					25
1N1130	S			R	1500	15	0.3	0.05					
1N1131	S			R	1500	15	0.3	0.05					
1N1132	S	Microwave S-X-band Mixer; NF = 9.5 dB											
1N1133	S			R	1500	15	0.085	0.025	3.5				
1N1134	S			R	1500	7.5	0.115	0.025	3.5				
1N1135	S			R	1800	18	0.075	0.025	3.5				
1N1136	S			R	1800	9.0	0.095	0.025	3.5				
1N1137	S			R	2400	24	0.057	0.025	3.5				
1N1138	S			R	2400	12	0.070	0.025	3.5				
1N1139	S			R	3600	27	0.075	0.025	3.5				
1N1140	S			R	3600	18	0.075	0.025	3.5				
1N1141	S			R	4800	36	0.070	0.025	3.5				
1N1142	S			R	4800	24	0.057	0.025	3.5				
1N1143	S			R	6000	45	0.057	0.025	3.5				
1N1143A	S			R	6000	30	0.075	0.025	3.5				
1N1144	S			R	7200	54	0.057	0.025	3.5				
1N1145	S			R	7200	36	0.070	0.025	3.5				
1N1146	S			R	8000	60	0.050	0.025	3.5				
1N1147	S			R	12K	60	0.050	0.025	3.5				
1N1148	S			R	14K	52	0.057	0.025	3.5				
1N1149	S			R	16K	60	0.050	0.025	3.5				
1N1150	S			R	1600		0.75		8.0				
1N1150A	S			R	1600	6.5	0.375	1.0	10				
1N1157	S			R	50		20		200				
1N1158	S			R	100		20						
1N1159	S			R	200		20						
1N1160	S			R	300		20						
1N1161	S			R	50		35		350				
1N1162	S			R	100		35		350				
1N1163	S			R	200		35		350				
1N1164	S			R	300		35		350				
1N1165	S			R	50		100		1000				
1N1166	S			R	100		100		1000				
1N1167	S			R	200		100		1000				
1N1168	S			R	300		100		1000				
1N1169	S	1N4004	3-24	R			0.5						
1N1169A	S			R	400		0.5	3.5					
1N1170	G			SP	50	1.0	4.0M	5.0*					
1N1171	S			R	50		20						
1N1172	S			R	100		20						
1N1173	S			R	200		20						
1N1174	S			R	300		20						
1N1175	S			R	50		35		350				
1N1176	S			R	100		35		350				

R—Rectifier, RD—Reference Diode, ZD—Zener Diode, GP—General Purpose, HC—High Conductance ( $\geq 20$  mA @  $\leq 1$  V), HS—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.