

Diodes and Rectifiers (General Purpose) (cont'd)

ECG Type	Description		Peak Reverse Voltage PRV Max V	Average Rectified Forward Current I _O Max	Forward Current Repetitive Peak IFRM Max	Reverse Recovery Time trr	Forward Voltage Drop Max VF	AFC	Fast Sw	Gen Purp	Fast Recovery	Fig. No.
ECG583	Detector, Mixer, (Schottky) Hot Carrier Modulator	Si	70	15 mA	---	1 ps	.41 V at 1 mA	●	●	●	●	Z4
ECG584	Detector, Mixer, (Schottky) Hot Carrier Modulator	Si	20	35 mA	---	1 ps	.41 V at 1 mA	●	●	●	●	Z4
ECG585	Schottky Barrier Rect	Si	40	1 A	25 A	---	.6 V at 1 A		●		●	Z3
ECG586	Schottky Barrier Rect	Si	40	3 A	80 A	---	.525 V at 3 A		●		●	Z6A
ECG587	Sw, Ultra Fast Recovery	Si	200	1 A	30 A	35 ns	.95 V at 1 A		●	●	●	Z3
ECG588	Sw, Ultra Fast Recovery	Si	200	3 A	125 A	35 ns	.95 V at 3 A		●	●	●	Z6A
ECG590	Common Cathode Dual Diode, Hi Speed Sw	Si	75	200 mA 100 mA /Leg	300 mA	4 ns	1.2 V at 100 mA		●			Z67
ECG591	Common Anode Dual Diode, Hi Speed Sw	Si	75	200 mA 100 mA /Leg	300 mA	4 ns	1.2 V at 100 mA		●			Z67

Diodes (Surface Mount)

ECG Type	Description		Peak Reverse Voltage PRV Max V	Average Rectified Forward Current I _O Max	Forward Current Repetitive Peak IFRM Max	Reverse Recovery Time trr	Forward Voltage Drop Max VF	AFC	Fast Sw	Gen Purp	Fast Recovery	Fig. No.
ECG592	Gen Purp, Sw	Si	200	200 mA	625 mA	50 ns	1 V at 200 mA		●	●		Z69
ECG593	Hi Speed Sw, Det	Si	75	250 mA	250 mA	6 ns	1 V at 250 mA		●		●	Z69
ECG594	Band Sw, r _D = .7 Ω at 200 MHz	Si	35	100 mA	---	---	1.2 V at 100 mA					Z69
ECG595	Common Cathode Dual Diode, Hi Speed Sw, Gen Purp	Si	70	500 mA 250 mA /Leg	250 mA	6 ns	1 V at 250 mA	●	●	●	●	Z69
ECG596	Common Anode Dual Diode, Hi Speed Sw, Gen Purp	Si	70	500 mA 250 mA /Leg	250 mA	6 ns	1 V at 250 mA	●	●	●	●	Z69

Controlled Avalanche Diode

ECG Type	V _{RM} V Max	I _{ZSM} A Max	V _Z I _Z = 1 mA V Max	I _R μA Max	Fig. Z6B
ECG570	130	1 (Pulse)	135 - 150	10	<p>Color Band Denotes Cathode</p>