SCHOTTKY DIODES

Small Signal Schottky Diodes

Type	Peak Inverse Voltage (MIN.) (PIV) Volts	Maximum Forward Voltage Drop (V_F) @ 1mA Volts	Maximum Forward Voltage Drop (V_F) @ 15mA Volts	Maximum Reverse Leakage Current (I_R) µA	Maximum Reverse Leakage Current @ V_R Volts	Typical Capacitance @ 0V (C_O) Pf	Typical Reverse Recovery (NOTE 1) (t_{rr}) nS	Die Geometry Fig. #
CY5711 ■	70	0.41	1.0	0.2	50	2.0	1.0	TBA
CY6263 ■	60	0.41	1.0	0.2	50	2.2	1.0	TBA
CY101A ■	60	0.41	1.0	0.2	50	2.0	1.0	TBA
CY101B ■	50	0.40	0.95	0.2	40	2.1	1.0	TBA
CY101C ■	40	0.39	0.90	0.2	30	2.2	1.0	TBA

Note 1: $I_F = I_R = 5mA$, t_{rr} @ 0.1 I_R.

General Purpose High Current Schottky Diodes

Type	Peak Inverse Voltage (MIN.) (PIV) Volts	Maximum Average Rectified Current (I_O) Amps	Maximum Forward Voltage Drop (V_F) @ 20mA Volts	Maximum Forward Voltage Drop (V_F) @ 200mA Volts	Maximum Reverse Leakage Current (I_R) µA	Maximum Reverse Leakage Current @ V_R Volts	Maximum Forward Surge Current (I_{FSM}) Amps	Typical Reverse Recovery (NOTE 1) (t_{rr}) nS	Die Geometry Fig. #
CY103A ■	40	0.40	.37	0.6	5	30	8	10	TBA
CY103B ■	30	0.40	.37	0.6	5	20	8	10	TBA
CY103C ■	20	0.40	.37	0.6	5	10	8	10	TBA

Note 1: $I_F = I_R = 50mA - 200mA$, t_{rr} @ 0.1 I_R.

■ *Under Development, Please Consult Factory*