

SCHOTTKY DIODES

Small Signal Schottky Diodes

Type	Peak Inverse Voltage (MIN.) (PIV) Volts	Maximum Forward Voltage Drop		Maximum Reverse Leakage Current		Typical Capacitance @ OV (C ₀) Pf	Typical Reverse Recovery (NOTE 1) (t _{rr}) nS	Die Geometry Fig #
		(V _F) @ 1mA Volts	(V _F) @ 15mA Volts	(I _R) μA	@ V _R Volts			
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.

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General Purpose High Current Schottky Diodes

Type	Peak Inverse Voltage (MIN.) (PIV) Volts	Maximum Average Rectified Current (I ₀) Amps	Maximum Forward Voltage Drop		Maximum Reverse Leakage Current		Maximum Forward Surge Current (I _{FSM}) Amps	Typical Reverse Recovery (NOTE 1) (t _{rr}) nS	Die Geometry Fig. #
			(V _F) @ 20mA Volts	(V _F) @ 200mA Volts	(I _R) μA	@ V _R Volts			
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.

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