

Product Overview

MBR16100CT: Schottky Barrier Rectifier, 100 V, 16 A

For complete documentation, see the data sheet.

This Schottky Rectifier uses the Schottky Barrier principle with a platinum barrier metal.

Features

- 16 Amps Total (8.0 Amps Per Diode Leg)
- Guard-Ring for Stress Protection
- Low Forward Voltage
- 175°C Operating Junction Temperature
- Epoxy Meets UL94, VO at 1/8"
- Low Power Loss/High Efficiency
- High Surge Capacity
- Low Stored Charge Majority Carrier Conduction
- Case: Epoxy, Molded
- Weight: 1.9 grams (approximately)

For more features, see the data sheet

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (μ A)	$I_{O(max)}$ Max (A)	I_{FSM} Max (A)	t_r Max (ns)	C_j Max (pF)	Package Type
MBR16100CTG	0.8666	Pb-free non AEC-Q and PPAP	Active	Common Cathode	100	0.84	100	16	150	-	-	TO-220-3

For more information please contact your local sales support at www.onsemi.com.

Created on: 1/17/2021