

Product Overview

MBR20200CT: Schottky Barrier Rectifier, 200 V, 20 A

For complete documentation, see the data sheet.

The Schottky Rectifier uses Schottky Barrier technology with a platinum barrier metal. This state of the art device is designed for use in high frequency switching power supplies and converters with up to 48 volt outputs. This device blocks up to 200 volts and offers improved Schottky performance at frequencies from 250 kHz to 5.0 MHz.

Features

- 200 Volt Blocking Voltage
- Low Forward Voltage Drop
- Guardring for Stress Protection and High dv/dt Capability (10,000 V/μs)
- Dual Diode Construction - Terminals 1 and 3 Must be Connected for Parallel Operation at Full Rating
- Case: Epoxy, Molded
- Weight: 1.9 grams (approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Lead Temperature for Soldering Purposes: 260 °C Max. for 10 Seconds
- Shipped 50 units per plastic tube
- Marking: B20200

For more features, see the data sheet

Part Electrical Specifications

Product	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (μA)	$I_{O(ree)}$ Max (A)	I_{FSM} Max (A)	t_r Max (ns)	C_j Max (pF)	Package Type
MBR20200CTG	Pb-free	Active	Common Cathode	200	1	10	20	150	-	500	TO-220-3
MBR20200CTTU	Pb-free Halide free	Active	Common Cathode	200	1	10	20	150	-	500	TO-220-3

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

Created on: 9/15/2019