



Product Overview

MBRS260T3: Schottky Power Rectifier, Surface Mount, 2.0 A, 60 V, SMB Package

For complete documentation, see the data sheet

Product Description

The Schottky Rectifier employs the Schottky Barrier principle in a metal-to-silicon power rectifier. It features epitaxial construction with oxide passivation and metal overlay contact. The Schottky Rectifier is ideally suited for low voltage, high frequency switching power supplies, free wheeling diodes and polarity protection diodes.

Features

- Compact Package with J-Bend Leads Ideal for Automated Handling
- Highly Stable Oxide Passivated Junction
- Guardring for Over-Voltage Protection
- Low Forward Voltage Drop

Mechanical Characteristics:

- Case: Molded Epoxy
- Epoxy Meets UL94, VO at 1/8 inch
- Weight: 95 mg (approximately)
- Cathode Polarity Band
- Lead and Mounting Surface Temperature for Soldering Purposes: 260°C Max. for 10 Seconds
- Available in 12 mm Tape, 2500 Units per 13 inch Reel, Add "T3" Suffix to Part Number

Part Electrical Specifications

Product	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (A)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_r Max (ns)	C_j Max (pF)	Package Type
MBRS260T3G	AEC Qualified Pb-free Halide free	Active	Single	60	0.63	20	2	40			SMB-2
NRVBS260T3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	60	0.63	20	2	40			SMB-2

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

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