



Product Overview

MBR40H100WT: Schottky Barrier Rectifier, H-Series, 100 V, 40 A

For complete documentation, see the [data sheet](#)

Product Description

Enhanced Schottky rectifiers with lower V_F , higher surge, and lower IR parameters.

Features

- Low Forward Voltage: 0.67 V @ 125C
- Low Power Loss/High Efficiency
- High Surge Capacity
- 175C Operating Junction Temperature
- 40A Total (20A Per Diode Leg)
- Guard-Ring for Stress Protection
- This is a Pb-Free Device

Mechanical Characteristics:

- Case: Epoxy, Molded
- Epoxy Meets UL 94, V-0 @ 0.125 in
- Weight: Approximately 4.3 grams

Applications

- Power Supply - Output Rectification
- Power Management
- Instrumentation

Part Electrical Specifications

Product	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (uA)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_{rr} Max (ns)	C_j Max (pF)	Package Type
MBR40H100WTG	Pb-free	Active	Common Cathode	100	0.8	10	40	200			TO-247-3

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

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