

Product Overview

MBR30H100CT: Schottky Barrier Rectifier, H-Series, 100 V, 30 A

For complete documentation, see the data sheet.

Enhanced Schottky rectifiers with lower VF, 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
- 30 A Total (15 A Per Diode Leg)
- Guard-Ring for Stress Protection
- Pb-Free Package is Available

Mechanical Characteristics:

- Case: Epoxy, Molded
- Epoxy Meets UL 94, V-0 @ 0.125 in
- Weight: Approximately 1.9 grams

For more features, see the data sheet

Applications

- Power Supply - Output Rectification
- Power Management
- Instrumentation

End Products

- LCD TV Display

Part Electrical Specifications

Product	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (μ A)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_r Max (ns)	C Max (pF)	Package Type
MBR30H100CTG	Pb-free	Active	Common Cathode	100	0.8	4.5	30	250	-	-	TO-220-3

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

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