

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	Pricing (\$/Unit)	Compliance	Status	Configuration	V _{RRM} Min (V)	V _F Max (V)	I _{RM} Max (μA)	I _{O(rec)Max} (A)	I _{FSM} Max (A)	t _r Max (ns)	C _J Max (pF)	Package Type
MBR30H100CTG	0.4957	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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