



## Product Overview

### MBRB30H30CT-1: Schottky Barrier Rectifier, H-Series, 30 V, 30 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
- Low Power Loss/High Efficiency
- High Surge Capacity
- 150°C Operating Junction Temperature
- 30A Total (15A Per Diode Leg)
- GuardRing for Stress Protection
- AEC-Q101 Qualified and PPAP Capable
- These are Pb-Free Packages
- NRVBB Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements

#### Applications

- Power Supply - Output Rectification
- Power Management
- Instrumentation

#### End Products

- Power Supply

#### 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 Max (pF)	Package Type
MBR30H30CTG	Pb-free	Active	Common Cathode	30	0.55	800	30	260	-	-	TO-220-3
MBRB30H30CT-1G	Pb-free	Active	Common Cathode	30	0.55	800	30	260	-	-	<sup>2</sup> I PAK-3

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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