

Product Overview

MBRB30H60CT-1: Schottky Barrier Rectifier, H-Series, 60 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
- High Surge Capacity
- 175C Operating Junction Temperature
- 30A Total (15A Per Diode Leg)
- 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

Benefits

- Low Power Loss/High Efficiency

Applications

- 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 (μ A)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_r Max (ns)	C_j Max (pF)	Package Type
MBRB30H60CT-1G	Pb-free	Active	Common Cathode	60	0.78	300	30	260	-	-	1 PAK-3
MBRB30H60CTT4G	Pb-free Halide free	Active	Common Cathode	60	0.78	300	30	260	-	-	D2PAK-3 / TO-263-2
NRVBB30H60CTT4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Common Cathode	60	0.78	300	30	260	-	-	D2PAK-3 / TO-263-2

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

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