



Product Overview

MBRB3030CTL: Schottky Barrier Rectifier, 30 V, 30 A

For complete documentation, see the data sheet

Product Description

The Schottky Rectifier uses the Schottky Barrier principle with a proprietary barrier metal.

Features

- Dual Diode Construction - May be Paralleled for Higher Current Output
- Guardring for Stress Protection
- Low Forward Voltage Drop
- 125°C Operating Junction Temperature
- Maximum Die Size
- Short Heat Sink Tab Manufactured - Not Sheared!
- These are Pb-Free Packages
- AEC-Q101 Qualified and PPAP Capable
- NRVBB Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements

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
MBRB3030CTLG	Pb-free Halide free	Active	Common Cathode	30	0.51	2000	30	300	-	-	D ² PAK-3
NRVBB3030CTLG	AEC Qualified PPAP Capable Pb-free Halide free	Active	Common Cathode	30	0.51	2000	30	300	-	-	D ² PAK-3
NRVBB3030CTLT4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Common Cathode	30	0.51	2000	30	300	-	-	D ² PAK-3

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

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