



Product Overview

MBRB4030: Schottky Barrier Rectifier, 30 V, 40 A

For complete documentation, see the data sheet

Product Description

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

Features

- Guardring for Stress Protection
- Maximum Die Size
- 150°C Operating Junction Temperature
- Short Heat Sink Tab Manufactured - Not Sheared

Mechanical Characteristics:

- Case: Epoxy, Molded
- Weight: 1.7 Grams (approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads Readily Solderable
- Shipped 50 Units per Plastic Tube
- Available in 24 mm Tape and Reel, 800 Units per 13" Reel by Adding a "T4" Suffix to the Part Number
- Marking: B4030

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
MBRB4030G	Pb-free Halide free	Active	Single	30	0.55	350	40	300	-	-	D ² PAK-3
MBRB4030T4G	Pb-free Halide free	Active	Single	30	0.55	350	40	300	-	-	D ² PAK-3
NRVBB4030T4G	AEC Qualified PPAP Capable Pb-free	Active	Single	30	0.55	350	40	300	-	-	D ² PAK-3

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

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