

Product Overview

MBRA130L: Schottky Power Rectifier, Surface Mount, 1.0 A, 30 V

For complete documentation, see the data sheet.

The Schottky Rectifier employs the Schottky Barrier principle in a metal-to-silicon power rectifier. The Schottky Rectifier features epitaxial construction with oxide passivation and metal overlay contact. It is ideally suited for low voltage, high frequency switching power supplies, free wheeling diodes and polarity protection diodes.

Features

- Compact Package with J-Bend Leads Ideal for Automated Handling
- Highly Stable Oxide Passivated Junction
- Guardring for Over-Voltage Protection
- Low Forward Voltage Drop
- Mechanical Characteristics:
- Case: Molded Epoxy
- Epoxy Meets UL94, VO at 1/8"
- Weight: 70 mg (approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Lead and Mounting Surface Temperature for Soldering Purposes: 260 °C Max. for 10 Seconds
- Polarity: Notch in Plastic Body Indicates Cathode Lead

For more features, see the data sheet

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
MBRA130LT3G	Pb-free	Active	Single	30	0.41	1000	1	25	-	-	SMA-2
	Halide free										
NRVBA130LT3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	30	0.41	1000	1	25	-	-	SMA-2

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

Created on: 9/22/2019