

Product Overview

MBRS130L: 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 large area metal-to-silicon power diode. The Schottky Rectifier's state-of-the-art geometry features epitaxial construction with oxide passivation and metal overlay contact. It is ideally suited for low voltage, high frequency rectification, or as free wheeling and polarity protection diodes in surface mount applications where compact size and weight are critical to the system.

Features

- Compact surface mount package with J-bend leads.
- 1.5 Watts Power Dissipation Package
- 1.0 Ampere, forward voltage less than 395mV

Part Electrical Specifications

Product	Pricing (\$/Unit)	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_{rr} Max (ns)	C_j Max (pF)	Package Type
MBRS130L	0.0971	Pb-free	Active	Single	30	0.395	1000	1	40	-	-	SMB

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

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