



Product Overview

NRVBD1035CTL: Schottky Power Rectifier, Switch-mode, 35 V, 10 A

For complete documentation, see the [data sheet](#)

Product Description

The Schottky Rectifier employs the Schottky Barrier principle in a large area metal-to-silicon power diode. State of the art geometry features epitaxial construction with oxide passivation and metal overlay contact. It is ideally suited for use as rectifiers in low voltage, high frequency inverters, free wheeling diodes and polarity protection diodes.

Features

- Short Heat Sink Tap Manufactured - Not Sheared
- Lead and Mounting Surface Temperature for Soldering Purposes: 260 C Max. for 10 Seconds
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Epoxy Meets UL94, VO at 1/8

Mechanical Characteristics:

- Very Low Forward Voltage Drop
- Weight: 0.4 gram (approximately)
- Available in 16 mm Tape and Reel, 2500 units per Reel, Add T4 to Suffix part #
- Marking: B1035CL
- Guardring for Stress Protection
- Matched dual die construction - May be Paralleled for High Current Output

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
NRVBD1035CTLT4G	AEC Qualified PPAP Capable Pb-free	Active	Common Cathode	35	0.56	2000	10	50			DPAK-3

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

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