

Product Overview

MURS360BT3G: 600 V, 3.0 A Ultrafast Rectifier

For complete documentation, see the data sheet.

The Ultrafast Rectifier employs state of the art epitaxial construction with oxide passivation and metal overlay contact. It is ideally suited for high voltage, high frequency rectification or as free wheeling and protection diodes in surface mount applications, where compact size and weight are critical to the system.

Features

- Pb-Free Package
- Marking: B36B
- Highly Stable Oxide Passivated Junction
- Weight: 95 mg (approximately)
- Polarity: Polarity Band Indicates Cathode Lead
- Small Compact Surface Mountable Package with J-Bend Leads
- Shipped in 16 mm Tape and Reel, 2500 units per reel
- Case: Epoxy, Molded
- Rectangular Package for Automated Handling
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable

For more features, see the data sheet

Benefits

- RoHS Compliance

Applications

- SMPS Power Supplies

End Products

- Notebook power supplies

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Type	$I_{O(rec)}$ Max (A)	t_{rr} Max (ns)	V_{RRM} Max (V)	V_{FM} Max (V)	I_{FSM} Max (A)	I_R Max (mA)	Package Type
MURS360BT3G	0.1275	Pb-free Halide free non AEC-Q and PPAP	Active	Ultrafast	3	75	600	1.25	100	0.003	SMB-2
NRVUS360VBT3G	0.1732	AEC Qualified PPAP Capable Pb-free Halide free	Active	Ultrafast	3	75	600	1.25	100	0.003	SMB-2
SURS8360BT3G	0.2165	AEC Qualified PPAP Capable Pb-free Halide free	Active	Ultrafast	3	75	600	1.25	100	0.003	SMB-2

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

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