

Product Overview

MUR860: Power Rectifier, Ultra-Fast Recovery, Switch-mode, 8 A, 600 V

For complete documentation, see the data sheet.

The Ultrafast Rectifier is designed for use in switching power supplies, inverters and as free wheeling diodes.

Features

- Ultrafast 25, 50 and 75 Nanosecond Recovery Time
- 175 C Operating Junction Temperature
- Epoxy Meets UL94, VO @ 1/8"
- Low Forward Voltage
- Low Leakage Current
- Reverse Voltage to 600 Volts
- Mechanical Characteristics:
 - Case: Epoxy, Molded
 - Weight: 1.9 grams (approximately)
 - Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
 - Lead Temperature for Soldering Purposes: 260 C Max. for 10 Seconds

For more features, see the data sheet

Applications

- SMPS: DCM CRM PFC

End Products

- ATX Power Supply
- Flat Panel Display
- Server
- Note Book Adapter

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
MUR860G	0.3209	Pb-free non AEC-Q and PPAP	Active	Ultrafast	8	60	600	1.5	100	0.01	TO-220-2
MURF860G	0.3763	Pb-free non AEC-Q and PPAP	Active	Ultrafast	8	60	600	1.5	100	0.01	TO-220-2 FullPak

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

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