

Product Overview

MUR420: Power Rectifier, Ultra-Fast Recovery, Switch-mode, 4 A, 200 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 Times
- 175°C Operating Junction Temperature
- Low Forward Voltage
- Low Leakage Current
- High Temperature Glass Passivated Junction
- Reverse Voltage to 600 Volts

Mechanical Characteristics:

- Case: Epoxy, Molded
- Weight: 1.1 gram (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

Part Electrical Specifications

Product	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
MUR420G	Pb-free	Active	Ultrafast	4	35	200	0.89	125	0.005	Axial Lead-2
	Halide free									
MUR420RLG	Pb-free	Active	Ultrafast	4	35	200	0.89	125	0.005	Axial Lead-2
	Halide free									

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

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