



Product Overview

MURF1620CT: Power Rectifier, Ultra-Fast Recovery, Switch-mode, 16 A, 200 V

For complete documentation, see the data sheet

Product Description

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

Features

- Ultrafast 35 Nanosecond Recovery Times
- 150 C Operating Junction Temperature
- Epoxy Meets UL94, V<sub>0</sub> @ 1/8"
- High Temperature Glass Passivated Junction
- Low Leakage Specified @ 150 C Case Temperature
- Current Derating @ Both Case and Ambient Temperatures
- Electrically Isolated. No Isolation Hardware Required.
- UL Recognized File #E69369

Mechanical Characteristics:

- Case: Epoxy, Molded
- Weight: 1.9 grams (approximately)

Part Electrical Specifications

Product	Compliance	Status	Type	I <sub>O(rec)</sub> Max (A)	t <sub>rr</sub> Max (ns)	V <sub>RRM</sub> Max (V)	V <sub>FM</sub> Max (V)	I <sub>FSM</sub> Max (A)	I <sub>R</sub> Max (mA)	Package Type
MURF1620CTG	Pb-free	Active	Ultrafast	16	25	200	0.975	100	0.005	TO-220 FULLPAK-3
MURF1620CTGS	Pb-free Halide free	Active								TO-220 FULLPAK-3

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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