



Product Overview

MURB1620CT: 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

- Package Designed for Power Surface Mount Applications
- Ultrafast 35 Nanosecond Recovery Times
- 175 C Operating Junction Temperature
- Epoxy Meets UL94, V₀ @ 1/8"
- High Temperature Glass Passivated Junction
- Low Leakage Specified @ 150 C Case Temperature
- Short Heat Sink Tab Manufactured - Not Sheared!
- Similar in Size to Industrial Standard TO-220 Package

Mechanical Characteristics:

- Case: Epoxy, Molded
- Weight: 1.7 grams (approximately)

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
MURB1620CTG	Pb-free Halide free	Active	Ultrafast	16	35	200	0.975	100	0.005	D ² PAK-3
MURB1620CTT4G	Pb-free Halide free	Active	Ultrafast	16	35	200	0.975	100	0.005	D ² PAK-3
NRVUB1620CTT4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Ultrafast	16	35	200	0.975	100	0.005	D ² PAK-3

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

Created on: 7/11/2015