

Product Overview

MURB1660CT: Power Rectifier, Ultra-Fast Recovery, Switch-mode, 16 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

- Package Designed for Power Surface Mount Applications
- Ultrafast 60 Nanosecond Recovery Times
- 175°C Operating Junction Temperature
- Epoxy Meets UL94, V₀ @ 1/8"
- High Temperature Glass Passivated Junction
- High Voltage Capability to 600 V
- 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

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
MURB1660CTG	Pb-free	Active	Ultrafast	16	60	600	1.5	100	0.5	D2PAK-3 / TO-263-2
	Halide free									
MURB1660CTT4G	Pb-free	Active	Ultrafast	16	60	600	1.5	100	0.5	D2PAK-3 / TO-263-2
	Halide free									
NRVUB1660CTT4G	AEC Qualified	Active	Ultrafast	16	60	600	1.5	100	0.5	D2PAK-3 / TO-263-2
	PPAP Capable									
	Pb-free									
	Halide free									

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

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