

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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