

Product Overview

MUR110: Power Rectifier, Ultra-Fast Recovery, Switch-mode, 1 A, 100 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: 0.4 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 |
|-----------|------------------------|--------|-----------|----------------------|-------------------|-------------------|------------------|-------------------|----------------|--------------|
| MUR110G | Pb-free Halide free | Active | Ultrafast | 1 | 35 | 100 | 0.875 | 35 | 0.002 | Axial Lead-2 |
| MUR110RLG | Pb-free Halide free | Active | Ultrafast | 1 | 35 | 100 | 0.875 | 35 | 0.002 | Axial Lead-2 |

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

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