

## Product Overview

### MBR20100CT: 100 V, 20 A Schottky Rectifier

For complete documentation, see the data sheet.

This Schottky Rectifier uses the Schottky Barrier principle with a platinum barrier metal.

#### Features

- Shipped 50 units per plastic tube
- Marking: B2080, B2090, B20100
- Low Stored Charge Majority Carrier Conduction Mechanical Characteristics:
- Low Forward Voltage
- Lead Temperature for Soldering Purposes: 260°C Max. for 10 Second
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Epoxy Meets UL94, VO at 1/8
- 20 Amps Total (10 Amps Per Diode Leg)
- 175°C Operating Junction Temperature
- Case: Epoxy, Molded

For more features, see the data sheet

#### Part Electrical Specifications

| Product      | Pricing (\$/Unit) | Compliance             | Status | Configuration | $V_{RRM}$ Min (V) | $V_F$ Max (V) | $I_{RM}$ Max ( $\mu$ A) | $I_{O(max)}$ Max (A) | $I_{FSM}$ Max (A) | $t_r$ Max (ns) | $C_j$ Max (pF) | Package Type |
|--------------|-------------------|------------------------|--------|---------------|-------------------|---------------|-------------------------|----------------------|-------------------|----------------|----------------|--------------|
| MBR20100CTTU | 0.5067            | Pb-free<br>Halide free | Active | Dual          | 100               | 0.95          | 100                     | 10                   | 150               | -              | -              | TO-220-3     |

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

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