

## Product Overview

### **MBRS4201P: Schottky Power Rectifier, Surface Mount, Fast Soft-Recovery, 4.0 A, 200 V**

For complete documentation, see the data sheet.

This Schottky Rectifier is a state-of-the-art high voltage fast-soft recovery Schottky device perfectly designed for use where ultra fast devices fall short in switching performance.

#### **Features**

- Lower Forward Voltage than any Ultrafast Rectifier:  $V_F < 0.61 \text{ V}$  at 150C
- Fast Switching Speed: Reverse Recovery Time ( $t_{RR}$ )  $< 35 \text{ ns}$
- Soft Recovery Characteristics: Softness Factor ( $t_b/t_a$ )  $< 1$
- Highly Stable Over Temperature
- Pb-Free Package is Available

#### **Applications**

- Engine and Convenience Control Systems
- Motor Controls
- Battery Chargers and Switching Power Supplies

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