

## Product Overview

### S100: 1.0 A Schottky Barrier Rectifiers

For complete documentation, see the data sheet.

The SS series is a high efficiency, low power loss general purpose Schottky rectifier. The clip bonded leg structure provides high thermal performance and low electrical resistance. This rectifier is exclusively suited for free wheeling, secondary rectification and reverse polarity protection applications.

### Features

- Glass-Passivated Junctions
- High-Current Capability, Low  $V_F$

### Applications

- This product is general usage and suitable for many different applications.

### Part Electrical Specifications

| Product | Compliance | Status | Configuration | $V_{RRM}$ Min (V) | $V_F$ Max (V) | $I_{RM}$ Max ( $\mu$ A) | $I_{O(rec)}$ Max (A) | $I_{FSM}$ Max (A) | $t_r$ Max (ns) | $C_j$ Max (pF) | Package Type |
|---------|------------|--------|---------------|-------------------|---------------|-------------------------|----------------------|-------------------|----------------|----------------|--------------|
| S100    | Pb-free    | Active | Single        | 100               | 850           | 20                      | 1                    | 40                | -              | -              | SMA          |

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

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