



## Product Overview

### NTSW60200CTG: Schottky Power Rectifier, Dual 60 A 200 V

For complete documentation, see the [data sheet](#)

#### Product Description

The NTSW60200CTG is our new Dual 60A 200V Very Low Forward Voltage Trench-based Dual Schottky Rectifier. This new technology allows lower forward voltage drop without the high reverse leakage tradeoff experienced with planar schottky rectifiers. This platform also provides very stable switching characteristics over a wide temperature range and is an ideal output rectifier for switching power supplies including Notebook and Netbook Adapters, ATX and Flat Panel Display.

#### Features

- Fine Lithography Trenchbased Schottky Technology for Very Low Forward Voltage and Low Leakage
- Fast Switching with Exceptional Temperature Stability
- Low Power Loss and Lower Operating Temperature
- Higher Efficiency for Achieving Regulatory Compliance
- Low Thermal Resistance
- High Surge Capability
- These Devices are PbFree and Halogen Free/BFR Free

#### Applications

- Switching Power Supplies including Telecom AC to DC Power Stages
- High Voltage DCDC Converters
- Freewheeling and ORing Diodes
- Output Rectifier in Welding Power Supplies
- Industrial Automation

#### Part Electrical Specifications

Product	Compliance	Status	Configurat ion	$V_{RRM}$ Min (V)	$V_F$ Max (V)	$I_{RM}$ Max (uA)	$I_{O(rec)}$ Max (A)	$I_{FSM}$ Max (A)	$t_r$ Max (ns)	$C_j$ Max (pF)	Package Type
NTSW60200CTG	Pb-free	Active	Common Cathode	200	1.9			300			TO-247-3

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

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