



Product Overview

NTS260E: Trench Schottky Rectifier, Very Low Leakage 2A, 60V in SOD123 package

For complete documentation, see the data sheet

Product Description

The NRVTS260ESF is Low Leakage Trench-based Schottky Rectifier. This new technology allows low forward voltage drop without the high reverse leakage trade-off 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.

Features

- Fine Lithography Trench-based Schottky Technology for Very 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 are Pb-Free and Halide-Free Devices

Applications

- Switching Power Supplies including Wireless, Smartphone and Notebook Adapters
- High Frequency and DC/DC Converters
- Freewheeling and OR'ing diodes
- Reverse Battery Protection
- LED Lighting

Part Electrical Specifications

Product	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (uA)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_{rr} Max (ns)	C_j Max (pF)	Package Type
NRVTS260ESFT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active		60	0.65	12	2				SOD123-2
NRVTS260ESFT3G	AEC Qualified PPAP Capable Pb-free Halide free	Active		60	0.65	12	2				SOD123-2

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