



Product Overview

NTS10120E: Trench Schottky Rectifier Very Low Leakage, 10A 120V, Part

For complete documentation, see the data sheet

Product Description

NTS10120E

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 are PbFree and HalideFree Devices

Applications

- Switching Power Supplies including Notebook / Netbook Adapters, ATX and Flat Panel Display
- 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, Max (pF)	Package Type
NRVTS10120EMFST1G	AEC Qualified PPAP Capable Pb-free Halide free	Active		120V	0.83	30	10	200			SO-8FL / DFN-5
NRVTS10120EMFST3G	AEC Qualified PPAP Capable Pb-free Halide free	Active		120V	0.83	30	10	200			SO-8FL / DFN-5
NTS10120EMFST1G	AEC Qualified Pb-free Halide free	Active		120V	0.83	30	10	200			SO-8FL / DFN-5
NTS10120EMFST3G	AEC Qualified Pb-free Halide free	Active		120V	0.83	30	10	200			SO-8FL / DFN-5

For more information please contact your local sales support at www.onsemi.com

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