

产品概览

NTSS3100: Trench Schottky Rectifier Low Forward Voltage, 3A, 100V

欲看完整文档，请参阅数据表。

The NTSS3100 is Low Forward Voltage 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.

特性

- Fine Lithography Trench-based 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
- High Surge Capability
- These are Pb-Free and Halide-Free Devices

应用

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

器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (μ A)	$I_{O(rec)Max}$ (A)	I_{FSM} Max (A)	t_{rr} Max (ns)	C_j Max (pF)	Package Type
NTSS3100T3G	0.0551	Pb-free Halide free	Active	Common Cathode	100	0.995	5	3	50	-	-	SMB-2

欲了解更多信息，请联系您当地的销售支援 www.onsemi.cn。

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