

製品概要

NRVTSAF260E: Very Low Forward Voltage Trench-based Schottky Rectifier

技術情報は、データシートをご参照ください。

The NRVTSAF260E is a Low Forward 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.

特長

- 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
- Low Thermal Resistance
- High Surge Capability
- NRV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable
- These are Pb-Free and Halide-Free Devices

アプリケーション

- Switching Power Supplies including Compact Adapters and Flat Panel Display
- High Frequency and DC-DC Converters
- Freewheeling and OR-ing diodes
- Reverse Battery Protection
- Instrumentation

電氣的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Type	$I_{O(rec)}$ Max (A)	t_r Max (ns)	V_{RRM} Max (V)	V_{FM} Max (V)	I_{FSM} Max (A)	I_R Max (mA)	Package Type
NRTSAF260ET3G	0.0497	Pb-free Halide free	Active		2	-	60	0.65	25	0.012	SMA-FL
NRVTSAF260ET3G	0.0683	AEC Qualified PPAP Capable Pb-free Halide free	Active	Schottky	2	-	60	0.65	25	0.012	SMA-FL

詳細は、弊社 www.onsemi.jp の営業または販売代理店にお問い合わせください。

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