

製品概要

NSR1030QMU: 1.0 A, 30 V, Schottky Diode Full Bridge Rectifier

技術情報は、データシートをご参照ください。

These full wave bridge, using Schottky barrier diodes, are designed for the rectification of the high speed signal of wireless charging. The NSR1030QMUTWG has a very low forward voltage that will reduce conduction loss. It is housed in a UDFN 3.0 x 3.0 x 0.5 mm package that is ideal for space constrained wireless phone applications.

特長

- Extremely Fast Switching Speed
- Low Forward Voltage - 490 mV (Typ) @ IF = 1 A
- These Devices are Pb-Free, Halogen Free and are RoHS Compliant

利点

- Supports high speed applications
- Improves efficiency during rectification

アプリケーション

- Full wave Bridge Rectification

最終製品

- Wireless Charging receivers

電気的仕様

製品	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
NSR1030QMUTWG	0.2667	Pb-free Halide free non AEC-Q and PPAP	Active	Bridge	30	0.6	20	1	12	-	-	UDFN-4

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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