

OMNIFET II: FULLY AUTOPROTECTED POWER MOSFET, Power Switch ICs - Power Distribution N-Ch 40V 3.5A Omni

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|---------------|---|
| Manufacturers | STMicroelectronics, Inc |
| Package/Case | SOT223 |
| Product Type | Power Management ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for VNN3NV0413TR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

VNN3NV0413TR is a part number for a power MOSFET transistor manufactured by STMicroelectronics. Here are some details on this device:

Features

- N-channel enhancement-mode power MOSFET
- Drain-source voltage (VDS) rating of 40V
- Continuous drain current (ID) rating of 12A
- Low threshold voltage for improved switching performance
- Fast switching speed
- Low on-resistance (RDS(on)) for reduced power dissipation and improved efficiency
- SMD (Surface-Mounted Device) package with exposed pad for improved thermal performance

Application

- Power management in various electronic devices, such as portable devices, computers, and telecommunication equipment
- Switching applications in DC-DC converters, motor control circuits, and LED lighting
- Power supplies and chargers
- Battery protection and charging circuits



Related Products



[VN750PTTR-E](#)

STMicroelectronics, Inc
TO-252



[VNB35NV04](#)

STMicroelectronics, Inc
D2PAK



[VN750S-E](#)

STMicroelectronics, Inc
SOP-8



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STMicroelectronics, Inc
HSSOP-16



[VN610SP](#)

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[VN340SPTR-E](#)

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PowerSO-12



[VN808-E](#)

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SOP36



[VND5N07-E](#)

STMicroelectronics, Inc
TO-252