

N CHANNEL POWER MOSFET, OMNIFET II, 40V, 1.7A, FULL REEL, Transistor Polarity:N Channel, Continuous Drain Current Id:3.5A, Drain Source Voltage Vds:45V, On Resistance Rds(on):0.25ohm, Rds(on) Test Voltage Vgs:5V



Images are for reference only

Manufacturers	STMicroelectronics, Inc
Package/Case	SOT-223
Product Type	Power Management ICs
RoHS	
Lifecycle	

Please submit RFQ for VNN1NV0413TR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

VNN1NV0413TR is a specific part number for a Power MOSFET transistor manufactured by STMicroelectronics. It is a member of the VIPower M0-7 series, which are high-side power switches designed to control DC loads in automotive and industrial applications.

Features

Drain-source voltage (Vds) rating of 40V

Continuous drain current (Id) rating of 7.2A

Low on-resistance (Rds(on)) of 18mOhm at 4.5V gate-source voltage

Logic-level gate drive capability

Very low standby current consumption

Built-in thermal shutdown and overcurrent protection

Application

Automotive electronics, such as power steering and HVAC systems

Industrial automation and control, including robotics and motor control

Power supplies and voltage regulators

LED lighting and other high-power consumer electronics



Related Products



[VN750PTTR-E](#)
STMicroelectronics, Inc
TO-252



[VNB35NV04](#)
STMicroelectronics, Inc
D2PAK



[VN750S-E](#)

STMicroelectronics, Inc
SOP-8



[VNQ5E250AJ-E](#)

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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