

**Current Limit SW 1-IN 1-OUT to 3.5A Automotive 4-Pin(3+Tab)
SOT-223 T/R**



Images are for reference only

Manufacturer:	STMicroelectronics, Inc
Package/Case:	SOT223
Product Type:	Switches
Lifecycle:	Active

[Inquiry](#)

General Description

The VNN1NV04P-E, VNS1NV04P-E are monolithic devices designed in STMicroelectronics VIPower M0-3 Technology, intended for replacement of standard Power MOSFETs from DC up to 50 kHz applications. Built in thermal shutdown, linear current limitation and overvoltage clamp protect the chip in harsh environments. Fault feedback can be detected by monitoring the voltage at the input pin.

Key Features

- ESDprotection
- Diagnosticfeedbackthroughinputpin
- CompatiblewithstandardPowerMOSFET
- Linearcurrenlimitation
- Shortcircuitprotection
- Thermalshutdown
- Lowcurrentdrawnfrominputpin
- DirectaccesstothegateofthePowerMOSFET(analogdriving)
- Integratedclamp

Recommended For You

VN5050JTR-E

STMicroelectronics, Inc
HSSOP12

VNLD5160TR-E

STMicroelectronics, Inc
SOP8

VND5T050AKTR-E

STMicroelectronics, Inc
SSOP24

VNS3NV04PTR-E

STMicroelectronics, Inc
SOP8

VN7003ALHTR

STMicroelectronics, Inc
Octapak-7

VND7140AJ12TR

STMicroelectronics, Inc
HSSOP12

VN330SP-E

STMicroelectronics, Inc
HSOP10

VNL5050N3TR-E

STMicroelectronics, Inc
SOT-223

VNB35NV04TR-E

STMicroelectronics, Inc
TO-263

VN7007AHTR

STMicroelectronics, Inc
TO252-7

VNV35N07

STMicroelectronics, Inc
HSOP10

VND5050AJTR-E

STMicroelectronics, Inc
HSSOP12

VND5E160AJTR-E

STMicroelectronics, Inc
HSSOP12

VNN7NV04PTR-E

STMicroelectronics, Inc
SOT223

VN7004CLHTR

STMicroelectronics, Inc
TO-252