VNN7NV04PTR-E

Current Limit SW 1-IN 1-OUT to 12A Automotive 4-Pin(3+Tab) SOT-223 T/R

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

Images are for reference only

Inquiry

General Description

The VNN7NV04P-E, VNS7NV04P-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

Linearcurrentlimitation

Thermalshutdown

Shortcircuitprotection

Integratedclamp

Lowcurrentdrawnfrominputpin

Diagnosticfeedbackthroughinputpin

ESDprotection

DirectaccesstothegateofthePowerMOSFET(analogdriving)

CompatiblewithstandardPowerMOSFETincompliancewiththe2002/95/ECEuropeanDirective

Recommended For You

VN5050JTR-E	VNLD5160TR-E	VND5T050AKTR-E
STMicroelectronics, Inc	STMicroelectronics, Inc	STMicroelectronics, Inc
HSSOP12	SOP8	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

VN7004CLHTR

STMicroelectronics, Inc

TO-252

VND10N06TR-E

STMicroelectronics, Inc

TO252