



Image may be representation.
See specifications for product details.



VND14NV0413TR

Manufacturer Part Number	VND14NV0413TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VND14NV0413TR
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHANNEL 1:1 DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	VNx14NV04(-1).pdf
RoHs Status	ROHS3 Compliant

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VND14NV0413TR - STMicroelectronics.New Original in Stock. Download Linear Technology VND14NV0413TR datasheet/specifications on AllelcoElec.com.
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Specifications

VND14NV0413TR Tech Specifications

VND14NV0413TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	Low Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	36V (Max)	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	DPAK	Interface	On/Off
Series	OMNIFET II™, VIPower™	Input Type	Non-Inverting
Rds On (Typ)	35mOhm (Max)	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Output (Max)	12A
Package	Tape & Reel (TR)	Base Product Number	VND14
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VND14NV0413TR

Product Attribute				
Part Number	VND14NV0413TR	VND1NV04	VND14NV04-1	VND10N06TR-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of Outputs	1	1	1	1
Output Configuration	Low Side	Low Side	Low Side	Low Side
Ratio - Input:Output	1:1	1:1	1:1	1:1
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-
Base Product Number	VND14	VND1N	VND14	VND10
Interface	On/Off	On/Off	On/Off	On/Off
Features	-	-	-	-
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Voltage - Load	36V (Max)	36V (Max)	36V (Max)	-
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Series	OMNIFET II™, VIPower™	OMNIFET II™, VIPower™	OMNIFET II™, VIPower™	OMNIFET™, VIPower™
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-251-3 Short Leads, IPak, TO-251AA	TO-252-3, DPak (2 Leads + Tab), SC-63
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Current - Output (Max)	12A	1.7A	12A	6A
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage
Rds On (Typ)	35mOhm (Max)	250mOhm (Max)	35mOhm (Max)	150mOhm
Supplier Device Package	DPAK	DPAK	I-PAK	DPAK
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount

VND14NV0413TR Datasheet PDF

Download VND14NV0413TR pdf datasheets and STMicroelectronics documentation for VND14NV0413TR - STMicroelectronics.

PCN Obsolescence/ EOL

[Vipower Devices 22/May/2013.pdf](#)

HTML Datasheet

[VNx14NV04\(-1\).pdf](#)

Customers Also Interested in

Recommended Products

					
VND1NV04 STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND14NV04-1 STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK	VND10N06-1 MOS STMicroelectronics	VND10N06TR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND10N06-1 STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK	VND10N06 STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK
					
VND3NV04-1-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK	VND10N06-1-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK	VND14NV04TR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND1NV04-1-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND3NV04-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND3NV0413TR STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK
					
VND14NV04-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND10N0613TR STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND14NV04-1-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK	VND3NV04TR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND1NV04TR-E STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	VND14NV04 STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

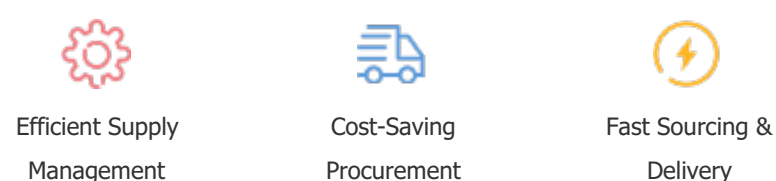
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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