



Image may be representation.  
See specifications for product details.



## VND7NV04TR-E

Manufacturer Part Number	<b>VND7NV04TR-E</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-VND7NV04TR-E
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	<b>VNx7NV04(-1).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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VND7NV04TR-E - STMicroelectronics.New Original in Stock. Download Linear Technology VND7NV04TR-E datasheet/specifications on AllelcoElec.com.  
Request a quote for VND7NV04TR-E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

VND7NV04TR-E Tech Specifications

VND7NV04TR-E - 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)	60mOhm (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)	6A
Package	Tape & Reel (TR)	Base Product Number	VND7NV04
Output Type	N-Channel		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VND7NV04TR-E

Product Attribute				
Part Number	VND7NV04TR-E	VND810MSP13TR	VND7NV0413TR	VND7NV04
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Output (Max)	6A	600mA	6A	6A
Features	-	Auto Restart, Status Flag	-	-
Interface	On/Off	On/Off	On/Off	On/Off
Voltage - Load	36V (Max)	5.5V ~ 36V	36V (Max)	36V (Max)
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Series	OMNIFET II™, VIPower™	VIPower™	OMNIFET II™, VIPower™	OMNIFET II™, VIPower™
Output Configuration	Low Side	High Side	Low Side	Low Side
Ratio - Input:Output	1:1	1:1	1:1	1:1
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	PowerSO-10 Exposed Bottom Pad	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Base Product Number	VND7NV04	VND810	VND7NV04	VND7NV04
Rds On (Typ)	60mOhm (Max)	150mOhm (Max)	60mOhm (Max)	60mOhm (Max)
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Supplier Device Package	DPAK	10-PowerSO	DPAK	DPAK
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Outputs	1	2	1	1

### VND7NV04TR-E Datasheet PDF

Download VND7NV04TR-E pdf datasheets and STMicroelectronics documentation for VND7NV04TR-E - STMicroelectronics.

#### PCN Packaging

[Material Barrier Bag 17/Dec/2020.pdf](#)

[Mult Dev Inner Box Chg 9/Dec/2021.pdf](#)


#### PCN Assembly/Origin

[Mult Dev Assembly Chg 18/Oct/2019.pdf](#)

## HTML Datasheet

 VNx7NV04(-1).pdf

## PCN Design/Specification

 APG-ABD/14/8514 06/Jun/2014.pdf

 Soft Wire 08/Aug/2013.pdf

## Customers Also Interested in

### Recommended Products

					
<b>VND810MSP13TR</b> STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWSO10	<b>VND7NV0413TR</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	<b>VND810LSP</b> STMicroelectronics	<b>VND7NV04</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	<b>VND7N04TR-E</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	<b>VND7N0413TR</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK
					
<b>VND7NV04-1-E</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK	<b>VND810MSP</b> STMicroelectronics IC PWR DRIVER N-CHAN 1:1 PWSO10	<b>VND7N04-E</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	<b>VND7NV04TR-E MOS</b> STMicroelectronics	<b>VND7NV04-E</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 DPAK	<b>VND81013TR</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 16SO
					
<b>VND810PTR-E</b> STMicroelectronics IC PWR SWITCH N-CHANNEL 1:1 16SO	<b>VND7N04-TR</b> STMicroelectronics	<b>VND810</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 16SO	<b>VND7NV4-1</b> STMicroelectronics	<b>VND7NV04TR</b> STMicroelectronics	<b>VND7NV04-1</b> STMicroelectronics IC PWR DRIVER N-CHANNEL 1:1 IPAK

## 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

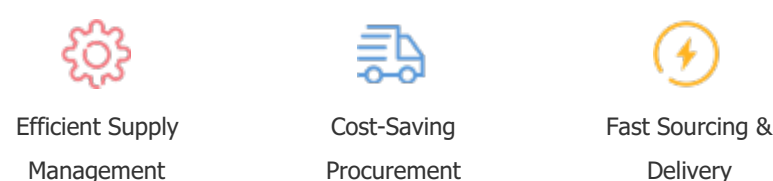
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

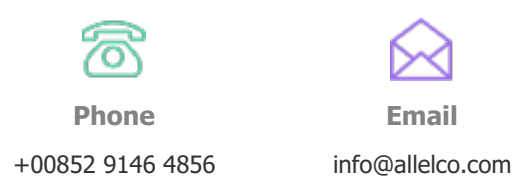
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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