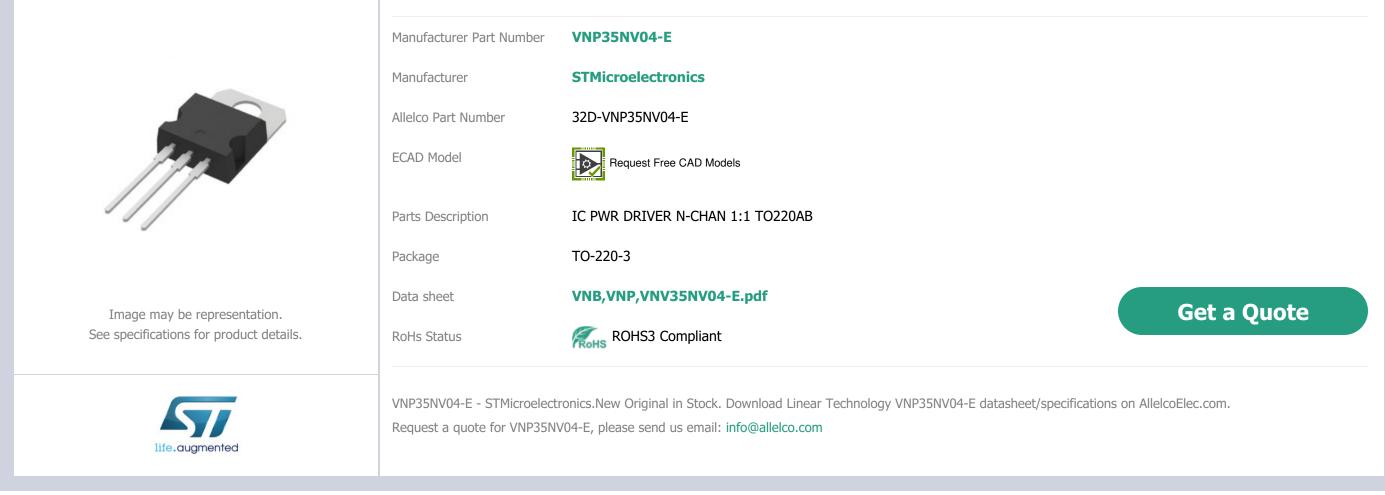


# **VNP35NV04-E**



## Specifications

VNP35NV04-E Tech Specifications

VNP35NV04-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	Through Hole
Supplier Device Package	TO-220	Interface	On/Off
Series	OMNIFET II™, VIPower™	Input Type	Non-Inverting
Rds On (Typ)	13mOhm (Max)	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	TO-220-3	Current - Output (Max)	30A
Package	Tube	Base Product Number	VNP35N
Output Type	N-Channel		

## **Parts with Similar Specifications**

The three parts on the right have similar specifications to STMicroelectronics VNP35NV04-E

Product Attribute	1000 Contraction of the second	17-2-S	Martin	
Part Number	VNP35NV04-E	VNP20N07-E	VNP14NV04-E	VNP35N07FI
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	OMNIFET II™, VIPower™	OMNIFET™, VIPower™	OMNIFET II™, VIPower™	OMNIFET <sup>™</sup> , VIPower <sup>™</sup>
Ratio - Input:Output	1:1	1:1	1:1	1:1
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Package	Tube	Tube	Tube	Tube
Rds On (Typ)	13mOhm (Max)	50mOhm (Max)	35mOhm (Max)	280mOhm (Max)
Output Configuration	Low Side	Low Side	Low Side	Low Side
Operating Temperature	-40°C ~ 150°C (TJ)	-	-40°C ~ 150°C (TJ)	-
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
Current - Output (Max)	30A	14A	12A	25A
Features	-	Status Flag	-	Status Flag
Base Product Number	VNP35N	VNP20N	VNP14N	VNP35N
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Interface	On/Off	On/Off	On/Off	On/Off
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Supplier Device Package	TO-220	TO-220	TO-220	ISOWATT-220
Package / Case	TO-220-3	TO-220-3	TO-220-3	ISOWATT-220-3
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Outputs	1	1	1	1
Voltage - Load	36V (Max)	55V (Max)	36V (Max)	55V (Max)

## **VNP35NV04-E Datasheet PDF**

Download VNP35NV04-E pdf datasheets and STMicroelectronics documentation for VNP35NV04-E - STMicroelectronics.

### PCN Design/Specification



Mult Dev Adv Material Notice 8/Apr/2019.pdf



PCN Assembly/Origin

### HTML Datasheet

VNB, VNP, VNV35NV04-E.pdf

## **Customers Also Interested in**

### **Recommended Products**





VNP14NV04-E

STMicroelectronics

IC PWR DRIVER N-CHAN 1:1

TO220AB

**VNP20N07-E** 

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB



### **VNP20N07**

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB



**VNP14NV04** 

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB



**VNP49N04** 

STMicroelectronics

IC PWR DRIVER N-CHAN 1:1

TO220AB

STMicroelectronics IC PWR DRIVER N-CHAN 1:1



**VNP35N07FI** 

STMicroelectronics IC PWR DRVR N-CH 1:1 ISOWATT220



**VNP28N04** 

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB



**VNP5N07-E** 

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB



**VNP10N07** 

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB



VNP5N07FI

STMicroelectronics IC PWR DRVR N-CH 1:1 ISOWATT220



**VNP35NV04** 

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB



**VNP49N04E** 

STMicroelectronics





**VNP7N04** 

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB



**VNP5N07** 

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB

**VNP14N04** 



TO220AB



**VNP35N07-E** 

STMicroelectronics

IC PWR DRIVER N-CHAN 1:1

TO220AB

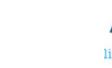
**VNP10N07-E** 

STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB



STMicroelectronics IC PWR DRIVER N-CHAN 1:1 TO220AB











#### **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
America	Brazil	7
	Germany	5
Europe	United Kingdom	4
	Italy	5
Oceania	Australia	6
Oceania	New Zealand	7
Asia	India	6
ASId	Japan	7
Middle East	Israel	6

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 -





Efficient Supply Cost-Saving Management Procurement Fast Sourcing & Delivery

### Certifications & Memberships



		_	
	And a second second		

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	



Contact us if you have any questions.



+00852 9146 4856

Email info@allelco.com



View More



Copyright © 2012-2023 AllelcoElec.com. All rights reserved.

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong **Phone:** +00852 9146 4856 **Fax:** +00852 3010 8510 Email: info@Allelco.com