



Image may be representation.
See specifications for product details.



VNP5N07-E

Manufacturer Part Number	VNP5N07-E
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VNP5N07-E
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR DRIVER N-CHAN 1:1 TO220AB
Package	TO-220-3
Data sheet	VNP5N07.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VNP5N07-E - STMicroelectronics.New Original in Stock. Download Linear Technology VNP5N07-E datasheet/specifications on AllelcoElec.com.
Request a quote for VNP5N07-E, please send us email: info@allelco.com

Specifications

VNP5N07-E Tech Specifications

VNP5N07-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	-
Voltage - Load	55V (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)	200mOhm (Max)	Features	Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	TO-220-3	Current - Output (Max)	3.5A
Package	Tube	Base Product Number	VNP5N
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VNP5N07-E

Product Attribute				
Part Number	VNP5N07-E	VNP35N07FI	VNP28N04	VNP35NV04
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
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
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Supplier Device Package	TO-220	ISOWATT-220	TO-220	TO-220
Output Configuration	Low Side	Low Side	Low Side	Low Side
Operating Temperature	-	-	-	-40°C ~ 150°C (TJ)
Rds On (Typ)	200mOhm (Max)	280mOhm (Max)	35mOhm (Max)	13mOhm (Max)
Package	Tube	Tube	Tube	Tube
Current - Output (Max)	3.5A	25A	20A	30A
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Base Product Number	VNP5N	VNP35N	VNP28N	VNP35N
Package / Case	TO-220-3	ISOWATT-220-3	TO-220-3	TO-220-3
Number of Outputs	1	1	1	1
Ratio - Input:Output	1:1	1:1	1:1	1:1
Interface	On/Off	On/Off	On/Off	On/Off
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Features	Status Flag	Status Flag	Status Flag	-
Series	OMNIFET II™, VIPower™	OMNIFET™, VIPower™	OMNIFET™, VIPower™	OMNIFET II™, VIPower™
Voltage - Load	55V (Max)	55V (Max)	35V (Max)	36V (Max)

VNP5N07-E Datasheet PDF

Download VNP5N07-E pdf datasheets and STMicroelectronics documentation for VNP5N07-E - STMicroelectronics.

Datasheets

[VNP5N07.pdf](#)

PCN Packaging

[Box Label Chg 28/Jul/2016.pdf](#)

PCN Design/Specification



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



Mult Dev Material Chg 18/Dec/2019.pdf

PCN Assembly/Origin



Mult Dev Assembly Chg 18/Oct/2019.pdf

Customers Also Interested in

Recommended Products



VNP35N07FI

STMicroelectronics
IC PWR DRV N-CHAN 1:1
ISOWATT220



VNP28N04

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP35NV04

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP5N07FI

STMicroelectronics
IC PWR DRV N-CH 1:1
ISOWATT220



VNP49N04

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP35N07-E

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP35N07

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP14NV04

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP10N07-E

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP14NV04-E

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IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP20N07

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP5N07

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP14N04

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP10N07

STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP7N04

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IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP20N07-E

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IC PWR DRIVER N-CHAN 1:1
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VNP35NV04-E

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IC PWR DRIVER N-CHAN 1:1
TO220AB



VNP49N04E

STMicroelectronics

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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