



Image may be representation.
See specifications for product details.



VNP7N04

Manufacturer Part Number	VNP7N04
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VNP7N04
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHAN 1:1 TO220AB
Package	TO-220-3
Data sheet	VNP7N04.pdf
RoHs Status	ROHS3 Compliant

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VNP7N04 - STMicroelectronics.New Original in Stock. Download Linear Technology VNP7N04 datasheet/specifications on AllelcoElec.com.
Request a quote for VNP7N04, please send us email: info@allelco.com

Specifications

VNP7N04 Tech Specifications

VNP7N04 - 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	35V (Max)	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Through Hole
Supplier Device Package	TO-220	Interface	On/Off
Series	OMNIFET™, VIPower™	Input Type	Non-Inverting
Rds On (Typ)	140mOhm (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)	5A
Package	Tube	Base Product Number	VNP7N
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VNP7N04

Product Attribute				
Part Number	VNP7N04	VNP20N07-E	VNP10N07	VNP35NV04-E
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tube	Tube	Tube	Tube
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Supplier Device Package	TO-220	TO-220	TO-220	TO-220
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
Voltage - Load	35V (Max)	55V (Max)	55V (Max)	36V (Max)
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Rds On (Typ)	140mOhm (Max)	50mOhm (Max)	100mOhm (Max)	13mOhm (Max)
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Series	OMNIFET™, VIPower™	OMNIFET™, VIPower™	OMNIFET™, VIPower™	OMNIFET II™, VIPower™
Interface	On/Off	On/Off	On/Off	On/Off
Current - Output (Max)	5A	14A	14A	30A
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Base Product Number	VNP7N	VNP20N	VNP10N	VNP35N
Ratio - Input:Output	1:1	1:1	1:1	1:1
Output Configuration	Low Side	Low Side	Low Side	Low Side
Number of Outputs	1	1	1	1
Operating Temperature	-	-	-	-40°C ~ 150°C (TJ)
Features	Status Flag	Status Flag	-	-

Customers Also Interested in

Recommended Products



VNP20N07-E
STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 TO220AB



VNP10N07
STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 TO220AB



VNP35NV04-E
STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 TO220AB



VNP35NV04
STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 TO220AB



VNP14NV04
STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 TO220AB



VNP20N07
STMicroelectronics
IC PWR DRIVER N-CHAN 1:1 TO220AB

**VNP5N07FI**STMicroelectronics
IC PWR DRVR N-CHAN 1:1
ISOWATT220**VNP49N04**STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB**VNP35N07-E**STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB**VNP14NV04-E**STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB**VNP35N07**STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB**VNP10N07-E**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**VNP49N04E**

STMicroelectronics

**VNP5N07-E**STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB**VNP28N04**STMicroelectronics
IC PWR DRIVER N-CHAN 1:1
TO220AB**VNP35N07FI**STMicroelectronics
IC PWR DRVR N-CH 1:1
ISOWATT220

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
ManagementCost-Saving
ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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WWW.ALLELCOELEC.COM

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

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