



Image may be representation.
See specifications for product details.



VND7N04

| | |
|--------------------------|---------------------------------------|
| Manufacturer Part Number | VND7N04 |
| Manufacturer | STMicroelectronics |
| Allelco Part Number | 32D-VND7N04 |
| 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 | VN(D,K)7N04(-1,FM).pdf |
| RoHs Status | ROHS3 Compliant |

[Get a Quote](#)

VND7N04 - STMicroelectronics.New Original in Stock. Download Linear Technology VND7N04 datasheet/specifications on AllelcoElec.com.
Request a quote for VND7N04, please send us email: info@allelco.com

Specifications

VND7N04 Tech Specifications

VND7N04 - 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 | 31V (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) | 140mOhm (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) | 4A |
| Package | Tube | Base Product Number | VND7NV04 |
| Output Type | N-Channel | | |

Parts with Similar Specifications

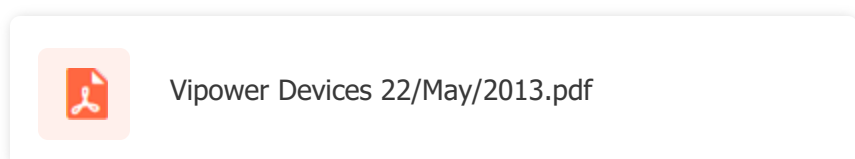
The three parts on the right have similar specifications to STMicroelectronics VND7N04

| Product Attribute | | | | |
|----------------------------|--|---|--|--|
| Part Number | VND7N04 | VND7E025AJTR | VND7050AJTR | VND7N04TR-E |
| Manufacturer | STMicroelectronics | STMicroelectronics | STMicroelectronics | STMicroelectronics |
| Input Type | Non-Inverting | Non-Inverting | Non-Inverting | Non-Inverting |
| Supplier Device Package | DPAK | PowerSSO-16 | PowerSSO-16 | DPAK |
| Voltage - Supply (Vcc/Vdd) | Not Required | - | Not Required | Not Required |
| Output Configuration | Low Side | High Side | High Side | Low Side |
| Package | Tube | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Fault Protection | Current Limiting (Fixed), Over Temperature, Over Voltage | Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, Short Circuit, UVLO | Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO | Current Limiting (Fixed), Over Temperature, Over Voltage |
| Package / Case | TO-252-3, DPak (2 Leads + Tab), SC-63 | 16-PowerLFSOP (0.154", 3.90mm Width) | 16-PowerLFSOP (0.154", 3.90mm Width) | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Operating Temperature | -40°C ~ 150°C (TJ) | -40°C ~ 150°C (TJ) | -40°C ~ 150°C (TJ) | -40°C ~ 150°C (TJ) |
| Base Product Number | VND7NV04 | VND7E025 | VND7050 | VND7NV04 |
| Number of Outputs | 1 | 2 | 2 | 1 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Ratio - Input:Output | 1:1 | 1:1 | 1:1 | 1:1 |
| Series | OMNIFET II™, VIPower™ | Automotive, AEC-Q100, VIPOWER™ | VIPower™ | OMNIFET II™, VIPower™ |
| Rds On (Typ) | 140mOhm (Max) | 27mOhm | 50mOhm | 140mOhm (Max) |
| Current - Output (Max) | 4A | 28A | 21A | 4A |
| Output Type | N-Channel | N-Channel | N-Channel | N-Channel |
| Switch Type | General Purpose | General Purpose | General Purpose | General Purpose |
| Voltage - Load | 31V (Max) | 4V ~ 28V | 4V ~ 28V | 31V (Max) |
| Interface | On/Off | - | On/Off | On/Off |
| Features | - | Auto Restart, Status Flag | Auto Restart, Status Flag | - |

VND7N04 Datasheet PDF

Download VND7N04 pdf datasheets and STMicroelectronics documentation for VND7N04 - STMicroelectronics.

PCN Obsolescence/ EOL

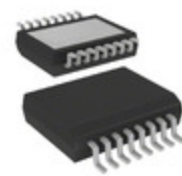
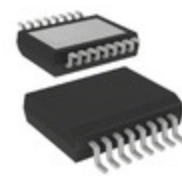


HTML Datasheet



Customers Also Interested in

Recommended Products

**VND7E025AJTR**STMicroelectronics
IC PWR DRV N-CHAN 1:1
PWRSSO16**VND7050AJTR**STMicroelectronics
IC PWR DRV N-CHAN 1:1
PWRSSO16**VND7N04TR-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
DPAK**VND7140AJTR**STMicroelectronics
IC PWR DRV N-CHAN 1:1
PWRSSO16**VND7E050AJTR**STMicroelectronics
IC PWR DRV N-CHAN 1:1
PWRSSO16**VND7N04-1-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
IPAK**VND7140AJ12TR**STMicroelectronics
IC PWR DRV N-CHAN 1:1
PWRSSO12**VND7050AJTR-E**STMicroelectronics
IC PWR DRV N-CHAN 1:1
PWRSSO16**VND7NV04-1-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
IPAK**VND7NV04-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
DPAK**VND7N0413TR**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
DPAK**VND7140AJT**

STMicroelectronics

**VND7NV0413TR**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
DPAK**VND7NV04-1**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
IPAK**VND7140AJTR-E**STMicroelectronics
IC PWR DRV N-CHAN 1:1
PWRSSO16**VND7NV04**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
DPAK**VND7N04-E**STMicroelectronics
IC PWR DRIVER N-CHANNEL 1:1
DPAK**VND7050AJ12TR**STMicroelectronics
IC PWR DRV N-CHAN 1:1
PWRSSO12

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



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Certifications & Memberships



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