



# NVD5C464NLT4G

Manufacturer Part Number	<b>NVD5C464NLT4G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NVD5C464NLT4G
ECAD Model	Request Free CAD Models
Parts Description	<b>T6 40V DPAK EXPANSION AND</b>
Package	-
Data sheet	NVD5C464NLT4G.pdf
RoHs Status	<b>ROHS3 Compliant</b>



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NVD5C464NLT4G - onsemi.New Original in Stock. Download Linear Technology NVD5C464NLT4G datasheet/specifications on AllelcoElec.com.  
Request a quote for NVD5C464NLT4G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

NVD5C464NLT4G Tech Specifications  
NVD5C464NLT4G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Vgs(th) (Max) @ Id	-	Operating Temperature	-
Vgs (Max)	-	Mounting Type	-
Technology	-	FET Type	-
Supplier Device Package	-	FET Feature	-
Series	Automotive, AEC-Q101	Drive Voltage (Max Rds On, Min Rds On)	-
Rds On (Max) @ Id, Vgs	-	Current - Continuous Drain (Id) @ 25°C	18A (Ta), 64A (Tc)
Power Dissipation (Max)	-	Base Product Number	NVD5C464
Package / Case	-		

## Parts with Similar Specifications

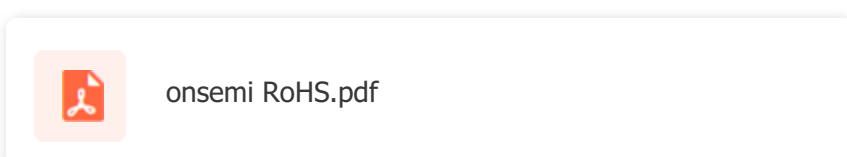
The three parts on the right have similar specifications to onsemi NVD5C464NLT4G

Product Attribute	NO PICTURE			
Part Number	NVD5C464NLT4G	<b>NVD6416ANT4G</b>	<b>NVD5C454NLT4G</b>	<b>NVD6416ANLT4G</b>
Manufacturer	onsemi	onsemi	onsemi	Fairchild Semiconductor
Vgs (Max)	-	±20V	±20V	±20V
Operating Temperature	-	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Mounting Type	-	Surface Mount	Surface Mount	Surface Mount
Current - Continuous Drain (Id) @ 25°C	18A (Ta), 64A (Tc)	17A (Tc)	20A (Ta), 84A (Tc)	19A (Tc)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Supplier Device Package	-	DPAK	DPAK	DPAK
Package / Case	-	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Technology	-	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Rds On (Max) @ Id, Vgs	-	81mOhm @ 17A, 10V	3.9mOhm @ 40A, 10V	74mOhm @ 19A, 10V
Base Product Number	NVD5C464	NVD641	NVD5C454	-
FET Feature	-	-	-	-
Power Dissipation (Max)	-	71W (Tc)	3.1W (Ta), 56W (Tc)	71W (Tc)
FET Type	-	N-Channel	N-Channel	N-Channel
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Drive Voltage (Max Rds On, Min Rds On)	-	10V	4.5V, 10V	4.5V, 10V
Vgs(th) (Max) @ Id	-	4V @ 250µA	2.2V @ 70µA	2.2V @ 250µA

## NVD5C464NLT4G Datasheet PDF

Download NVD5C464NLT4G pdf datasheets and onsemi documentation for NVD5C464NLT4G - onsemi.

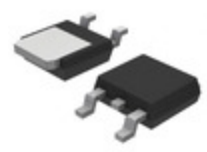
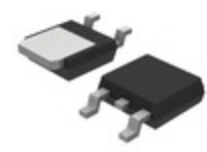
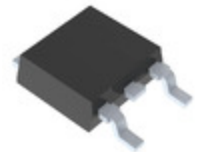
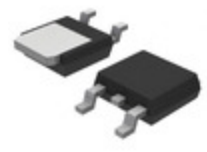
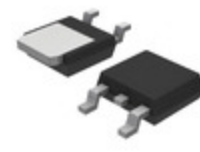
### Environmental Information



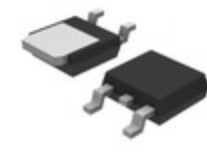
## Customers Also Interested in

### Recommended Products

<b>NVD6416ANT4G</b> onsemi MOSFET N-CH 100V 17A DPAK	<b>NVD5C454NLT4G</b> onsemi MOSFET N-CH 40V 20A/84A DPAK	<b>NVD6416ANLT4G</b> Fairchild Semiconductor MOSFET N-CH 100V 19A DPAK	<b>NVD5C464NT4G</b> onsemi MOSFET N-CH 40V 16A/59A DPAK	<b>NVD5C446NT4G</b> onsemi MOSFET N-CHANNEL 40V 101A DPAK	<b>NVD5C684NLT4G</b> onsemi MOSFET N-CHANNEL 60V 38A DPAK

**NVD5C668NLT4G**onsemi  
MOSFET N-CHANNEL 60V 49A DPAK**NVD5C460NT4G**onsemi  
MOSFET N-CH 40V 18A/70A DPAK**NVD5867NLT4G**onsemi  
MOSFET N-CH 60V 6A/22A DPAK-3**NVD5C434NT4G**onsemi  
MOSFET N-CHANNEL 40V 163A DPAK**NVD6416ANLT4G**onsemi  
MOSFET N-CH 100V 19A DPAK**NVD5C486NT4G**onsemi  
MOSFET N-CH 40V 9.2A/23A DPAK**NVD5890NLT4G**onsemi  
MOSFET N-CH 40V 24A/123A DPAK**NVD6414ANT4G**onsemi  
MOSFET N-CH 100V 34A DPAK**NVD6415ANLT4G**onsemi  
MOSFET N-CH 100V 23A DPAK-4**NVD5C648NLT4G**onsemi  
MOSFET N-CH 60V 18A/89A DPAK**NVD5867NL**

AMI Semiconductor/onsemi

**NVD5C454NT4G**onsemi  
MOSFET N-CH 40V 19A/82A DPAK

## 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,  
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