

Image may be representation.  
See specifications for product details.



## NTMD6N04R2G

Manufacturer Part Number	<b>NTMD6N04R2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NTMD6N04R2G
ECAD Model	Request Free CAD Models
Parts Description	MOSFET 2N-CH 40V 4.6A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>NTMD6N04R2.pdf</b>

**Get a Quote**

NTMD6N04R2G - onsemi.New Original in Stock. Download Linear Technology NTMD6N04R2G datasheet/specifications on AllelcoElec.com.  
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### Specifications

NTMD6N04R2G Tech Specifications

NTMD6N04R2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	3V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	900pF @ 32V
Supplier Device Package	8-SOIC	Gate Charge (Qg) (Max) @ Vgs	30nC @ 10V
Series	-	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	34mOhm @ 5.8A, 10V	Drain to Source Voltage (Vdss)	40V
Power - Max	1.29W	Current - Continuous Drain (Id) @ 25°C	4.6A
Package / Case	8-SOIC (0.154", 3.90mm Width)	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	NTMD6

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NTMD6N04R2G

Product Attribute				
Part Number	NTMD6N04R2G	NTMD6N02R2G	NTMD6N03R2G	NTMD6601NR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Power - Max	1.29W	730mW	1.29W	600mW
Rds On (Max) @ Id, Vgs	34mOhm @ 5.8A, 10V	35mOhm @ 6A, 4.5V	32mOhm @ 6A, 10V	215mOhm @ 2.2A, 10V
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
FET Feature	Logic Level Gate	Logic Level Gate	Logic Level Gate	Logic Level Gate
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Gate Charge (Qg) (Max) @ Vgs	30nC @ 10V	20nC @ 4.5V	30nC @ 10V	15nC @ 10V
Base Product Number	NTMD6	NTMD6	NTMD6	NTMD66
Drain to Source Voltage (Vdss)	40V	20V	30V	80V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	900pF @ 32V	1100pF @ 16V	950pF @ 24V	400pF @ 25V
Current - Continuous Drain (Id) @ 25°C	4.6A	3.92A	6A	1.1A
Configuration	2 N-Channel (Dual)	2 N-Channel (Dual)	2 N-Channel (Dual)	2 N-Channel (Dual)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Series	-	-	-	-
Vgs(th) (Max) @ Id	3V @ 250µA	1.2V @ 250µA	2.5V @ 250µA	3V @ 250µA

### NTMD6N04R2G Datasheet PDF

Download NTMD6N04R2G pdf datasheets and onsemi documentation for NTMD6N04R2G - onsemi.

#### Datasheets

[NTMD6N04R2.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Obsolescence/ EOL

[Multiple Devices Update 28/Jun/2011.pdf](#)



















[Multiple Devices 27/Jun/2014.pdf](#)

#### PCN Design/Specification

[Multiple Devices 27/Jun/2014.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>NTMD6N04</b> AMI Semiconductor/onsemi	 <b>NTMD6N02R2G</b> onsemi MOSFET 2N-CH 20V 3.92A 8SOIC	 <b>NTMD6N03R2G</b> onsemi MOSFET 2N-CH 30V 6A 8SOIC	 <b>NTMD6601NR2G</b> onsemi MOSFET 2N-CH 80V 1.1A 8SOIC	 <b>NTMD6P02R2G</b> onsemi MOSFET 2P-CH 20V 4.8A 8SOIC	 <b>NTMFD4902NFT3G</b> onsemi MOSFET 2N-CH 30V 8DFN
 <b>NTMD6N03R2</b> onsemi MOSFET 2N-CH 30V 6A 8SOIC	 <b>NTMFD001N03P9</b> onsemi POWER MOSFET, N-CHANNEL POWERTRE	 <b>NTMD5838NLR2G</b> onsemi MOSFET 2N-CH 40V 7.4A 8SOIC	 <b>NTMF4934AS1</b> AMI Semiconductor/onsemi	 <b>NTMD5838NLR2G MOS</b> AMI Semiconductor/onsemi	 <b>NTMD6P02R2</b> onsemi MOSFET PWR P-CHAN DUAL 20V 8SOIC
 <b>NTMFD4902NFT1G</b> onsemi MOSFET 2N-CH 30V 8DFN	 <b>NTMD6N03</b> AMI Semiconductor/onsemi	 <b>NTMD5838NL</b> AMI Semiconductor/onsemi	 <b>NTMD6N03R2G MOS</b> AMI Semiconductor/onsemi	 <b>NTMFD4901NFT1G</b> onsemi MOSFET 2N-CH 30V 8DFN	 <b>NTMFD4901NFT3G</b> onsemi MOSFET 2N-CH 30V 8DFN

## 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
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Contact us if you have any questions.

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### Certifications & Memberships



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### Contact us

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