



Image may be representation.  
See specifications for product details.



## NTMD6P02R2G

Manufacturer Part Number	<b>NTMD6P02R2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NTMD6P02R2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET 2P-CH 20V 4.8A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<a href="#">NTMD6P02R2.pdf</a> <a href="#">NTMD6P02R2.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NTMD6P02R2G - onsemi.New Original in Stock. Download Linear Technology NTMD6P02R2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NTMD6P02R2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NTMD6P02R2G Tech Specifications

NTMD6P02R2G - 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	1.2V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	1700pF @ 16V
Supplier Device Package	8-SOIC	Gate Charge (Qg) (Max) @ Vgs	35nC @ 4.5V
Series	-	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	33mOhm @ 6.2A, 4.5V	Drain to Source Voltage (Vdss)	20V
Power - Max	750mW	Current - Continuous Drain (Id) @ 25°C	4.8A
Package / Case	8-SOIC (0.154", 3.90mm Width)	Configuration	2 P-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 NTMD6P02R2G

Product Attribute				
Part Number	NTMD6P02R2G	NTMD6N03R2G	NTMFD4901NFT1G	NTMD6N04R2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Rds On (Max) @ Id, Vgs	33mOhm @ 6.2A, 4.5V	32mOhm @ 6A, 10V	6.5mOhm @ 10A, 10V	34mOhm @ 5.8A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	1.2V @ 250µA	2.5V @ 250µA	2.2V @ 250µA	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	35nC @ 4.5V	30nC @ 10V	9.7nC @ 4.5V	30nC @ 10V
Base Product Number	NTMD6	NTMD6	NTMFD4901	NTMD6
Current - Continuous Drain (Id) @ 25°C	4.8A	6A	10.3A, 17.9A	4.6A
Input Capacitance (Ciss) (Max) @ Vds	1700pF @ 16V	950pF @ 24V	1150pF @ 15V	900pF @ 32V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Series	-	-	-	-
Supplier Device Package	8-SOIC	8-SOIC	8-DFN (5x6) Dual Flag (SO8FL-Dual-Asymmetrical)	8-SOIC
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power - Max	750mW	1.29W	1.1W, 1.2W	1.29W
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-PowerTDFN	8-SOIC (0.154", 3.90mm Width)
Drain to Source Voltage (Vdss)	20V	30V	30V	40V
FET Feature	Logic Level Gate	Logic Level Gate	Logic Level Gate	Logic Level Gate
Configuration	2 P-Channel (Dual)	2 N-Channel (Dual)	2 N-Channel (Dual), Schottky	2 N-Channel (Dual)

### NTMD6P02R2G Datasheet PDF

Download NTMD6P02R2G pdf datasheets and onsemi documentation for NTMD6P02R2G - onsemi.

#### Datasheets

[NTMD6P02R2.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Packaging

[Mult MSL1 Pkg Chg 20/Dec/2018.pdf](#)

#### PCN Design/Specification

HTML Datasheet

Customers Also Interested in

Recommended Products


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 Alleco 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.

Phone +00852 9146 4856	Email info@alleco.com
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Certifications & Memberships



View More

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@Alleco.com