



Image may be representation.  
See specifications for product details.



## NVTJD4001NT1G

Manufacturer Part Number	<b>NVTJD4001NT1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NVTJD4001NT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET 2N-CH 30V 0.25A SC-88
Package	6-TSSOP, SC-88, SOT-363
Data sheet	<b><a href="#">N(V)TJD4001N.pdf</a></b>
RoHs Status	<b>ROHS3 Compliant</b>

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NVTJD4001NT1G - onsemi.New Original in Stock. Download Linear Technology NVTJD4001NT1G datasheet/specifications on AllelcoElec.com.  
Request a quote for NVTJD4001NT1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NVTJD4001NT1G Tech Specifications

NVTJD4001NT1G - 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	1.5V @ 100µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	33pF @ 5V
Supplier Device Package	SC-88/SC70-6/SOT-363	Gate Charge (Qg) (Max) @ Vgs	1.3nC @ 5V
Series	Automotive, AEC-Q101	FET Feature	-
Rds On (Max) @ Id, Vgs	1.50hm @ 10mA, 4V	Drain to Source Voltage (Vdss)	30V
Power - Max	272mW	Current - Continuous Drain (Id) @ 25°C	250mA
Package / Case	6-TSSOP, SC-88, SOT-363	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	NVTJD4001

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NVTJD4001NT1G

Product Attribute				
Part Number	NVTJD4001NT1G	NVTFS015N04CTAG	NVTR4502PT	NVTFS6H880NTAG
Manufacturer	onsemi	onsemi	VBSEMI	onsemi
Configuration	2 N-Channel (Dual)	-	-	-
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	-	Automotive, AEC-Q101
Vgs(th) (Max) @ Id	1.5V @ 100µA	3.5V @ 20µA	-	4V @ 20µA
FET Feature	-	-	-	-
Rds On (Max) @ Id, Vgs	1.50hm @ 10mA, 4V	17.3mOhm @ 7.5A, 10V	-	32mOhm @ 5A, 10V
Input Capacitance (Ciss) (Max) @ Vds	33pF @ 5V	325 pF @ 25 V	-	370 pF @ 40 V
Drain to Source Voltage (Vdss)	30V	40 V	-	80 V
Gate Charge (Qg) (Max) @ Vgs	1.3nC @ 5V	6.3 nC @ 10 V	-	6.9 nC @ 10 V
Power - Max	272mW	-	-	-
Base Product Number	NVTJD4001	NVTFS015	-	NVTFS6
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-	-55°C ~ 175°C (TJ)
Current - Continuous Drain (Id) @ 25°C	250mA	9.4A (Ta), 27A (Tc)	-	6.3A (Ta), 21A (Tc)
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	Tape & Reel (TR)
Supplier Device Package	SC-88/SC70-6/SOT-363	8-WDFN (3.3x3.3)	-	8-WDFN (3.3x3.3)
Package / Case	6-TSSOP, SC-88, SOT-363	8-PowerWDFN	-	8-PowerWDFN

### NVTJD4001NT1G Datasheet PDF

Download NVTJD4001NT1G pdf datasheets and onsemi documentation for NVTJD4001NT1G - onsemi.

#### Datasheets

[N\(V\)TJD4001N.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)







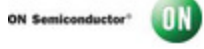



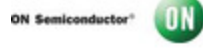







#### PCN Design/Specification

[Green Compound Update 04/Mar/2015.pdf](#)

#### PCN Obsolescence/ EOL

## Customers Also Interested in

### Recommended Products

 <b>NVTFWS015N04CTAG</b> onsemi MOSFET N-CH 40V 9.4A/27A 8WDFN	 <b>NVTR4502PT</b> VBSEMI	 <b>NVTF56H880NTAG</b> onsemi MOSFET N-CH 80V 6.3A/21A 8WDFN	 <b>NVTR01P02LT1G MOS</b> AMI Semiconductor/onsemi	 <b>NVTFWS052P04M8LTAG</b> onsemi MOSFET P-CH 40V 4.7A/13.2A 8WDFN	 <b>NVTR01P02L</b> AMI Semiconductor/onsemi
 <b>NVTF55C680NLWFTAG</b> onsemi MOSFET N-CH 60V 7.82A/20A 8WDFN	 <b>NVTF56H850NLTAG</b> onsemi MOSFET N-CH 80V 14.8A/64A 8WDFN	 <b>NVTR01P02LT1G</b> onsemi MOSFET P-CH 20V 1.3A SOT23-3	 <b>NVTR0202PLT1G</b> onsemi MOSFET P-CH 20V 400MA SOT23	 <b>NVTR0202PLT1G MOS</b> AMI Semiconductor/onsemi	 <b>NVTFWS9D6P04M8LTAG</b> onsemi MOSFET P-CH 40V 13A/64A 8WDFN
 <b>NVTR01P02T</b> VBSEMI	 <b>NVTF56H850NTAG</b> onsemi MOSFET N-CH 80V 11A/68A 8WDFN	 <b>NVTR4502PT1G</b> onsemi MOSFET P-CH 30V 1.13A SOT23-3	 <b>NVTF59D6P04M8LTAG</b> onsemi MOSFET P-CH 40V 13A/64A 8WDFN	 <b>NVTJD4001N</b> AMI Semiconductor/onsemi	 <b>NVTF56H888NTAG</b> onsemi MOSFET N-CH 80V 4.7A/12A 8WDFN

## 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

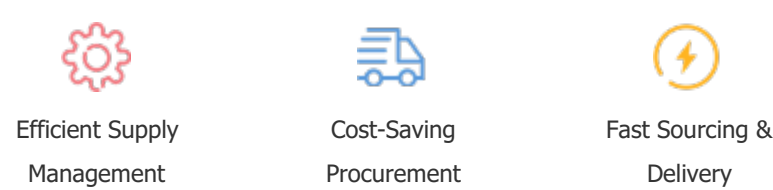
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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 -



Contact us if you have any questions.



### Certifications & Memberships



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