

Image may be representation.  
See specifications for product details.



## NCV8402AMNWT1G

Manufacturer Part Number	<b>NCV8402AMNWT1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCV8402AMNWT1G
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHAN 1:1 6DFN
Package	6-VDFN Exposed Pad
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCV8402AMNWT1G - onsemi.New Original in Stock. Download Linear Technology NCV8402AMNWT1G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCV8402AMNWT1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCV8402AMNWT1G Tech Specifications  
NCV8402AMNWT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	Low Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	42V (Max)	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	6-DFN (3x3.3)	Interface	On/Off
Series	Automotive, AEC-Q100	Input Type	Non-Inverting
Rds On (Typ)	165mOhm	Features	Auto Restart
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	6-VDFN Exposed Pad	Current - Output (Max)	2A
Package	Tape & Reel (TR)	Base Product Number	NCV8402
Output Type	N-Channel		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8402AMNWT1G

Product Attribute				
Part Number	NCV8402AMNWT1G	<b>NCV8402ASTT1G</b>	<b>NCV8402DDR2G</b>	<b>NCV8402STT3G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Ratio - Input:Output	1:1	1:1	1:1	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	-
Base Product Number	NCV8402	NCV8402	NCV8402	NCV8402
Number of Outputs	1	1	2	1
Current - Output (Max)	2A	2A	2A	2A
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	-
Output Type	N-Channel	N-Channel	N-Channel	-
Features	Auto Restart	Auto Restart	Auto Restart	-
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q101
Output Configuration	Low Side	Low Side	Low Side	Low Side
Package / Case	6-VDFN Exposed Pad	TO-261-4, TO-261AA	8-SOIC (0.154", 3.90mm Width)	TO-261-4, TO-261AA
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Supplier Device Package	6-DFN (3x3.3)	SOT-223 (TO-261)	8-SOIC	SOT-223 (TO-261)
Interface	On/Off	On/Off	On/Off	-
Rds On (Typ)	165mOhm	165mOhm	165mOhm	165mOhm
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-40°C ~ 150°C
Voltage - Load	42V (Max)	42V (Max)	42V (Max)	-
Switch Type	General Purpose	General Purpose	General Purpose	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)

### NCV8402AMNWT1G Datasheet PDF

Download NCV8402AMNWT1G pdf datasheets and onsemi documentation for NCV8402AMNWT1G - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information






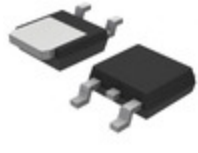
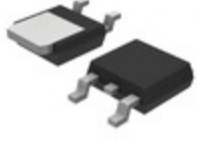

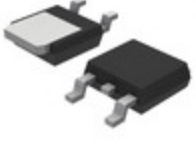

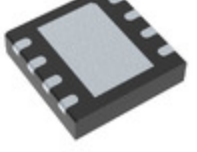

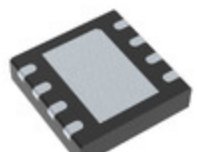
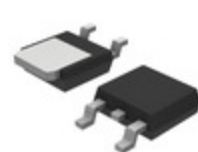
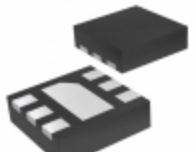

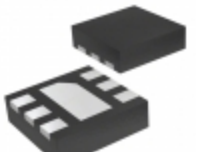
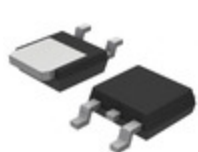
[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCV8402AMNWT1G.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>NCV8402ASTT1G</b> onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	 <b>NCV8402DDR2G</b> onsemi IC PWR DRIVER N-CHAN 1:1 8SOIC	 <b>NCV8402STT3G</b> onsemi IC DVR LOW SIDE SOT-223-4	 <b>NCV8187AMLE280TCG</b> onsemi 1.2A LDO REGULATOR, LOW DROPOUT	 <b>NCV8402STT1G</b> onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	 <b>NCV8401DTRKG</b> onsemi IC DVR LOSIDE 33A 42V DPAK
 <b>NCV8401BDTRKG</b> onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 <b>NCV8402ASTT3G</b> onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	 <b>NCV8403ADTRKG</b> onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 <b>NCV8402ADDR2G</b> onsemi IC PWR DRIVER N-CHAN 1:1 8SOIC	 <b>NCV8187AMLE330TCG</b> onsemi 1.2A LDO REGULATOR, LOW DROPOUT	 <b>NCV8403ASTT3G</b> onsemi IC PWR DRIVER N-CHAN 1:1 SOT223
 <b>NCV8187AMLEADJTCG</b> onsemi IC REG LINEAR POS ADJ 1.2A 8DFNW	 <b>NCV8401ADTRKG</b> onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 <b>NCV8187AMT180TAG</b> onsemi IC REG LINEAR 1.8V 1.2A 6WDFN	 <b>NCV8403ASTT1G</b> onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	 <b>NCV8187AMT330TAG</b> onsemi IC REG LINEAR 3.3V 1.2A 6WDFN	 <b>NCV8403BDTRKG</b> onsemi IC PWR DRIVER N-CHANNEL 1:1 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, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)