

Image may be representation.
See specifications for product details.



NCV8402ASTT3G

Manufacturer Part Number	NCV8402ASTT3G
Manufacturer	onsemi
Allelco Part Number	32D-NCV8402ASTT3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC PWR DRIVER N-CHAN 1:1 SOT223
Package	TO-261-4, TO-261AA
Data sheet	NCV8402.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV8402ASTT3G - onsemi.New Original in Stock. Download Linear Technology NCV8402ASTT3G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8402ASTT3G, please send us email: info@allelco.com

Specifications

NCV8402ASTT3G Tech Specifications

NCV8402ASTT3G - 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	SOT-223 (TO-261)	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	TO-261-4, TO-261AA	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 NCV8402ASTT3G

Product Attribute				
Part Number	NCV8402ASTT3G	NCV8401ADTRKG	NCV8403ASTT3G	NCV8402STT3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Switch Type	General Purpose	General Purpose	General Purpose	-
Supplier Device Package	SOT-223 (TO-261)	DPAK	SOT-223 (TO-261)	SOT-223 (TO-261)
Voltage - Load	42V (Max)	42V (Max)	42V (Max)	-
Current - Output (Max)	2A	30A	14A	2A
Output Configuration	Low Side	Low Side	Low Side	Low Side
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Interface	On/Off	On/Off	On/Off	-
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	-
Ratio - Input:Output	1:1	1:1	1:1	-
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C
Output Type	N-Channel	N-Channel	N-Channel	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Features	Auto Restart	-	Auto Restart	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)
Rds On (Typ)	165mOhm	23mOhm	53mOhm	165mOhm
Base Product Number	NCV8402	NCV8401	NCV8403	NCV8402
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q101	Automotive, AEC-Q101
Package / Case	TO-261-4, TO-261AA	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Number of Outputs	1	1	1	1

NCV8402ASTT3G Datasheet PDF

Download NCV8402ASTT3G pdf datasheets and onsemi documentation for NCV8402ASTT3G - onsemi.

Datasheets

[NCV8402.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCV8402ASTT3G.pdf](#)

PCN Packaging



Covering Tape/Material Chg 20/May/2016.pdf

PCN Assembly/Origin



Cancel 21/Dec/2021.pdf

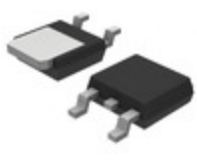


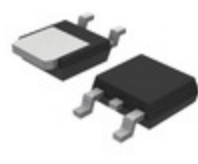



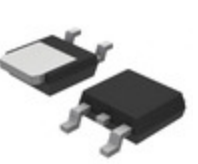

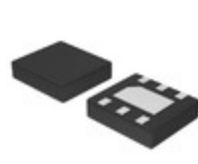
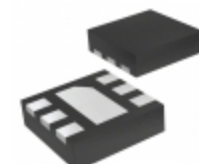
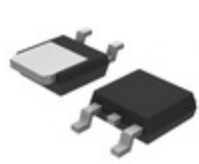



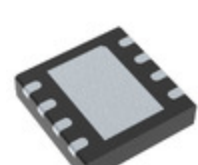

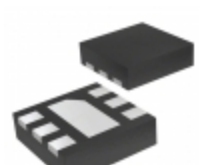
PCN Design/Specification



NCV84yyy 08/Nov/2021.pdf

Customers Also Interested in

Recommended Products

 NCV8401ADTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 NCV8403ASTT3G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	 NCV8402STT3G onsemi IC DVR LOW SIDE SOT-223-4	 NCV8403DTRKG onsemi LOW SIDE DRVR W/TEMP CURR LIMIT	 NCV8403ASTT1G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	 NCV8402STT1G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223
 NCV8402ADDR2G onsemi IC PWR DRIVER N-CHAN 1:1 8SOIC	 NCV8403ADTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 NCV8401 MOS AMI Semiconductor/onsemi	 NCV8402AMNWT1G onsemi IC PWR DRIVER N-CHAN 1:1 6DFN	 NCV8187AMT330TAG onsemi IC REG LINEAR 3.3V 1.2A 6WDFN	 NCV8401DTRKG onsemi IC DVR LOSIDE 33A 42V DPAK
 NCV8402DDR2G onsemi IC PWR DRIVER N-CHAN 1:1 8SOIC	 NCV8401BDTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 NCV8402ASTT1G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	 NCV8187AMLEADJTCG onsemi IC REG LINEAR POS ADJ 1.2A 8DFNW	 NCV8403BDTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 NCV8187AMT180TAG onsemi IC REG LINEAR 1.8V 1.2A 6WDFN

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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