

Image may be representation.  
See specifications for product details.



## NCV4264-2ST50T3G

Manufacturer Part Number	<b>NCV4264-2ST50T3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCV4264-2ST50T3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 5V 100MA SOT223
Package	TO-261-4, TO-261AA
Data sheet	<b>NCV4264-2.pdf</b>
	<b>NCV4264-2.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCV4264-2ST50T3G - onsemi.New Original in Stock. Download Linear Technology NCV4264-2ST50T3G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCV4264-2ST50T3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCV4264-2ST50T3G Tech Specifications  
NCV4264-2ST50T3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Fixed
Voltage Dropout (Max)	0.5V @ 100mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	5V	Operating Temperature	-40°C ~ 150°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	45V	Mounting Type	Surface Mount
Supplier Device Package	SOT-223 (TO-261)	Current - Supply (Max)	70 µA
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	55 µA
Protection Features	Over Current, Over Temperature, Reverse Polarity, Short Circuit	Current - Output	100mA
Package / Case	TO-261-4, TO-261AA	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	NCV4264
PSRR	67dB (100Hz)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV4264-2ST50T3G

Product Attribute				
Part Number	NCV4264-2ST50T3G	NCV4263-2CD250R2G	NCV4264-2ST33T3G	NCV4266-2CST50T3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	SOT-223 (TO-261)	14-SOIC	SOT-223 (TO-261)	SOT-223 (TO-261)
Base Product Number	NCV4264	NCV4263	NCV4264	NCV4266
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Protection Features	Over Current, Over Temperature, Reverse Polarity, Short Circuit	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity, Short Circuit	Over Temperature, Reverse Polarity, Short Circuit
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Voltage - Output (Min/Fixed)	5V	5V	3.3V	5V
Voltage - Input (Max)	45V	40V	45V	45V
PSRR	67dB (100Hz)	80dB (100Hz)	67dB (100Hz)	68dB (100Hz)
Package / Case	TO-261-4, TO-261AA	14-SOIC (0.154", 3.90mm Width)	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Output Configuration	Positive	Positive	Positive	Positive
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Output (Max)	-	-	-	-
Current - Quiescent (Iq)	55 µA	1.3 mA	55 µA	60 µA
Voltage Dropout (Max)	0.5V @ 100mA	0.5V @ 150mA	1.266V @ 100mA	0.5V @ 100mA
Number of Regulators	1	1	1	1
Control Features	-	Enable, Reset, Watchdog	-	Enable
Current - Output	100mA	200mA	100mA	150mA
Current - Supply (Max)	70 µA	23 mA	70 µA	4 mA
Operating Temperature	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)	Tape & Reel (TR)

### NCV4264-2ST50T3G Datasheet PDF

Download NCV4264-2ST50T3G pdf datasheets and onsemi documentation for NCV4264-2ST50T3G - onsemi.

#### Datasheets

NCV4264-2.pdf

#### Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

Material Declaration NCV4264-2ST50T3G.pdf

### PCN Packaging

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

### PCN Assembly/Origin



















Cancellation 11/Jan/2022.pdf

### HTML Datasheet

NCV4264-2.pdf

## Customers Also Interested in

### Recommended Products

 <b>NCV4269A5G</b> AMI Semiconductor/onsemi	 <b>NCV4263-2CD250R2G</b> onsemi IC REG LINEAR 5V 200MA 14SOIC	 <b>NCV4264-2ST33T3G</b> onsemi IC REG LINEAR 3.3V 100MA SOT223	 <b>NCV4269A50DR2G</b> AMI Semiconductor/onsemi	 <b>NCV4266-2CST50T3G</b> onsemi IC REG LINEAR 5V 150MA SOT223	 <b>NCV4250-2C</b> AMI Semiconductor/onsemi
 <b>NCV4264ST50T3G</b> onsemi IC REG LINEAR 5V 100MA SOT223	 <b>NCV4266ST50T3G</b> onsemi IC REG LINEAR 5V 150MA SOT223	 <b>NCV4264ST33T3G</b> onsemi IC REG LINEAR 3.3V 100MA SOT223	 <b>NCV4250-2CSNT1G</b> onsemi IC REG LINEAR POS ADJ 50MA 5TSOP	 <b>NCV4264-2CST50T3G</b> onsemi IC REG LINEAR 5V 100MA SOT223	 <b>NCV4263-2CPD50R2G</b> onsemi IC REG LINEAR 5V 200MA 8SOIC
 <b>NCV4269</b>	 <b>NCV4266-2CST33T3G</b> onsemi IC REG LINEAR 3.3V 150MA SOT223	 <b>NCV4264-2CST33T3G</b> onsemi IC REG LINEAR 3.3V 100MA SOT223	 <b>NCV4266ST33T3G</b> onsemi IC REG LINEAR 3.3V 150MA SOT223	 <b>NCV4264-2ST50</b> AMI Semiconductor/onsemi	 <b>NCV4264D50R2G</b> onsemi IC REG LINEAR 5V 100MA 8SOIC

## 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



View More

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