

Image may be representation.
See specifications for product details.



NCV4264-2CST50T3G

| | |
|--------------------------|---|
| Manufacturer Part Number | NCV4264-2CST50T3G |
| Manufacturer | onsemi |
| Allelco Part Number | 32D-NCV4264-2CST50T3G |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC REG LINEAR 5V 100MA SOT223 |
| Package | TO-261-4, TO-261AA |
| Data sheet | Cylindrical Battery Holders.pdf NCV4264-2C.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

NCV4264-2CST50T3G - onsemi.New Original in Stock. Download Linear Technology NCV4264-2CST50T3G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV4264-2CST50T3G, please send us email: info@allelco.com

Specifications

NCV4264-2CST50T3G Tech Specifications
NCV4264-2CST50T3G - 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 NCV4264-2CST50T3G

| Product Attribute | | | | |
|------------------------------|---|---|---|--|
| Part Number | NCV4264-2CST50T3G | NCV4266-2CST33T3G | NCV4264ST33T3G | NCV4263-2CD250R2G |
| Manufacturer | onsemi | onsemi | onsemi | onsemi |
| Current - Output | 100mA | 150mA | 100mA | 200mA |
| Operating Temperature | -40°C ~ 150°C | -40°C ~ 150°C | -40°C ~ 150°C | -40°C ~ 150°C |
| Number of Regulators | 1 | 1 | 1 | 1 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Series | Automotive, AEC-Q100 | Automotive, AEC-Q100 | Automotive, AEC-Q100 | Automotive, AEC-Q100 |
| Voltage - Input (Max) | 45V | 45V | 45V | 40V |
| Supplier Device Package | SOT-223 (TO-261) | SOT-223 (TO-261) | SOT-223 (TO-261) | 14-SOIC |
| Protection Features | Over Current, Over Temperature, Reverse Polarity, Short Circuit | Over Temperature, Reverse Polarity, Short Circuit | Over Current, Over Temperature, Reverse Polarity, Short Circuit | Over Current, Over Temperature, Reverse Polarity |
| Voltage - Output (Max) | - | - | - | - |
| Current - Supply (Max) | 70 µA | 4 mA | - | 23 mA |
| Voltage Dropout (Max) | 0.5V @ 100mA | - | 1.266V @ 100mA | 0.5V @ 150mA |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Base Product Number | NCV4264 | NCV4266 | NCV4264 | NCV4263 |
| Current - Quiescent (Iq) | 55 µA | 60 µA | 400 µA | 1.3 mA |
| Control Features | - | Enable | - | Enable, Reset, Watchdog |
| PSRR | 67dB (100Hz) | 68dB (100Hz) | 67dB (100Hz) | 80dB (100Hz) |
| Output Type | Fixed | Fixed | Fixed | Fixed |
| Package / Case | TO-261-4, TO-261AA | TO-261-4, TO-261AA | TO-261-4, TO-261AA | 14-SOIC (0.154", 3.90mm Width) |
| Voltage - Output (Min/Fixed) | 5V | 3.3V | 3.3V | 5V |
| Output Configuration | Positive | Positive | Positive | Positive |

NCV4264-2CST50T3G Datasheet PDF

Download NCV4264-2CST50T3G pdf datasheets and onsemi documentation for NCV4264-2CST50T3G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

onsemi RoHS.pdf

onsemi REACH.pdf

Material Declaration NCV4264-2CST50T3G.pdf

PCN Packaging

2.73KHz.pdf

PCN Assembly/Origin



















Wire Material Conversion 12/Nov/2020.pdf

HTML Datasheet

NCV4264-2C.pdf

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| NCV4250-2C AMI Semiconductor/onsemi | NCV4266-2CST33T3G onsemi IC REG LINEAR 3.3V 150MA SOT223 | NCV3842BVD1R2G AMI Semiconductor/onsemi | NCV4264ST33T3G onsemi IC REG LINEAR 3.3V 100MA SOT223 | NCV4263-2CD250R2G onsemi IC REG LINEAR 5V 200MA 14SOIC | NCV4250-2CSNT1G onsemi IC REG LINEAR POS ADJ 50MA 5TSOP |
|  |  |  |  |  |  |
| NCV391SN2T1G onsemi IC COMPARATOR 1 GEN PUR 5TSOP | NCV4264-2CST33T3G onsemi IC REG LINEAR 3.3V 100MA SOT223 | NCV4266ST33T3G onsemi IC REG LINEAR 3.3V 150MA SOT223 | NCV4266-2CST50T3G onsemi IC REG LINEAR 5V 150MA SOT223 | NCV3843BVD1R2G onsemi IC REG CTRLR FLYBACK 85OIC | NCV4264D50R2G onsemi IC REG LINEAR 5V 100MA 8SOIC |
|  |  |  |  |  |  |
| NCV4264-2ST50 AMI Semiconductor/onsemi | NCV3843BVDR2G onsemi IC REG CTRLR FLYBACK 14SOIC | NCV4264-2ST33T3G onsemi IC REG LINEAR 3.3V 100MA SOT223 | NCV4264ST50T3G onsemi IC REG LINEAR 5V 100MA SOT223 | NCV4264-2ST50T3G onsemi IC REG LINEAR 5V 100MA SOT223 | NCV4263-2CPD50R2G onsemi IC REG LINEAR 5V 200MA 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 |
|--|--|---|

Contact us if you have any questions.

| | |
|--|--|
|  Phone +00852 9146 4856 |  Email info@allelco.com |
|--|--|

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@allelco.com

