

Image may be representation.
See specifications for product details.



NCV7381DP0R2G

| | |
|--------------------------|--|
| Manufacturer Part Number | NCV7381DP0R2G |
| Manufacturer | onsemi |
| Allelco Part Number | 32D-NCV7381DP0R2G |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC TRANSCEIVER HALF 1/1 16SSOP |
| Package | 16-SSOP (0.209", 5.30mm Width) |
| Data sheet | Cylindrical Battery Holders.pdf NCV7381.pdf |
| RoHs Status | ROHS3 Compliant |

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NCV7381DP0R2G - onsemi.New Original in Stock. Download Linear Technology NCV7381DP0R2G datasheet/specifications on AllelcoElec.com.
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Specifications

NCV7381DP0R2G Tech Specifications

NCV7381DP0R2G - onsemi technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|--------------------------------|-----------------------------|------------------|
| Manufacturer | onsemi | Package | Tape & Reel (TR) |
| Voltage - Supply | 4.75V ~ 5.25V | Operating Temperature | -40°C ~ 125°C |
| Type | Transceiver | Number of Drivers/Receivers | 1/1 |
| Supplier Device Package | 16-SSOP | Mounting Type | Surface Mount |
| Series | Automotive, AEC-Q100, FlexRay™ | Duplex | Half |
| Protocol | FlexRay | Data Rate | 10Mbps |
| Package / Case | 16-SSOP (0.209", 5.30mm Width) | Base Product Number | NCV7381 |

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV7381DP0R2G

| Product Attribute | | | | |
|-----------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|
| Part Number | NCV7381DP0R2G | NCV7424DB0R2G | NCV7383DB0R2G | NCV7357D10R2G |
| Manufacturer | onsemi | onsemi | onsemi | onsemi |
| Data Rate | 10Mbps | - | 10Mbps | 1Mbps |
| Series | Automotive, AEC-Q100, FlexRay™ | Automotive, AEC-Q100 | Automotive, AEC-Q100, FlexRay™ | Automotive, AEC-Q100 |
| Package / Case | 16-SSOP (0.209", 5.30mm Width) | 16-TSSOP (0.173", 4.40mm Width) | 14-TSSOP (0.173", 4.40mm Width) | 8-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package | 16-SSOP | 16-TSSOP | 14-TSSOP | 8-SOIC |
| Duplex | Half | Half | Half | Full |
| Voltage - Supply | 4.75V ~ 5.25V | - | 4.75V ~ 5.25V | 4.75V ~ 5.25V |
| Number of Drivers/Receivers | 1/1 | 1/1 | 1/1 | 2/1 |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Protocol | FlexRay | LINbus | FlexRay | CANbus |
| Base Product Number | NCV7381 | NCV7424 | NCV7383 | NCV7357 |
| Type | Transceiver | Transceiver | Transceiver | Transceiver |
| Operating Temperature | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 150°C |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |

NCV7381DP0R2G Datasheet PDF

Download NCV7381DP0R2G pdf datasheets and onsemi documentation for NCV7381DP0R2G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

HTML Datasheet












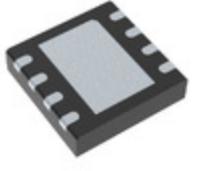






[NCV7381.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|--|--|---|---|
|  NCV7424DB0R2G onsemi IC TRANSCEIVER HALF 1/1 16TSSOP |  NCV7383DB0R2G onsemi IC TRANSCEIVER HALF 1/1 14TSSOP |  NCV7357D10R2G onsemi IC TRANSCEIVER FULL 2/1 8SOIC |  NCV7382DR2G onsemi IC TRANSCEIVER HALF 1/1 8SOIC |  NCV7381ADP0R2G AMI Semiconductor/onsemi |  NCV7361ADR2 onsemi IC REG LINEAR 5V 50MA 8SOIC |
|  NCV7361AD onsemi IC REG LINEAR 5V 50MA 8SOIC |  NCV7425DW0R2G onsemi IC TRANSCEIVER HALF 1/1 16SOIC |  NCV7361ADR2G onsemi IC REG LINEAR 5V 50MA 8SOIC |  NCV7361DR2 AMI Semiconductor/onsemi |  NCV7357MW0R2G AMI Semiconductor/onsemi |  NCV7357MW0R2G onsemi IC TRANSCEIVER FULL 2/1 8DFNW |
|  NCV7425A3 AMI Semiconductor/onsemi |  NCV7425DW5R2G onsemi IC TRANSCEIVER HALF 1/1 16SOIC |  NCV7357D13R2G onsemi IC TRANSCEIVER FULL 2/1 8SOIC |  NCV7422MW0R2G onsemi IC TRANSCEIVER 2/1 14DFNW |  NCV7420D26R2G onsemi IC TRANSCEIVER HALF 1/1 14SOIC |  NCV7420D25R2G onsemi IC TRANSCEIVER HALF 1/1 14SOIC |

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 |

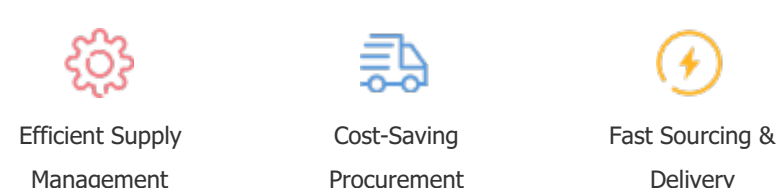
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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