



Image may be representation.  
See specifications for product details.



## NCS2563DR2G

|                          |                               |
|--------------------------|-------------------------------|
| Manufacturer Part Number | <b>NCS2563DR2G</b>            |
| Manufacturer             | <b>onsemi</b>                 |
| Allelco Part Number      | 32D-NCS2563DR2G               |
| ECAD Model               | Request Free CAD Models       |
| Parts Description        | IC AMP FILTER 8SOIC           |
| Package                  | 8-SOIC (0.154", 3.90mm Width) |
| Data sheet               | <b>NCS2563.pdf</b>            |
|                          | <b>NCS2563.pdf</b>            |
| RoHs Status              | <b>ROHS3 Compliant</b>        |

**Get a Quote**

NCS2563DR2G - onsemi.New Original in Stock. Download Linear Technology NCS2563DR2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCS2563DR2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCS2563DR2G Tech Specifications

NCS2563DR2G - onsemi technical specifications, attributes, parameters

| Product Attribute                 | Attribute Value               | Product Attribute          | Attribute Value |
|-----------------------------------|-------------------------------|----------------------------|-----------------|
| Manufacturer                      | onsemi                        | Number of Circuits         | 3               |
| Voltage - Supply, Single/Dual (±) | 4.75V ~ 5.25V                 | Mounting Type              | Surface Mount   |
| Supplier Device Package           | 8-SOIC                        | Current - Supply           | 22 mA           |
| Slew Rate                         | -                             | Current - Output / Channel | 50 mA           |
| Series                            | -                             | Base Product Number        | NCS2563         |
| Package / Case                    | 8-SOIC (0.154", 3.90mm Width) | Applications               | Filter          |
| Package                           | Tape & Reel (TR)              | -3db Bandwidth             | 33 MHz          |
| Output Type                       | -                             |                            |                 |

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCS2563DR2G

| Product Attribute                 |                               |                         |                               |                                 |
|-----------------------------------|-------------------------------|-------------------------|-------------------------------|---------------------------------|
| Part Number                       | NCS2563DR2G                   | NCS2561SQT1G            | NCS2563DG                     | NCS2566DTBR2G                   |
| Manufacturer                      | onsemi                        | onsemi                  | onsemi                        | onsemi                          |
| Package / Case                    | 8-SOIC (0.154", 3.90mm Width) | 6-TSSOP, SC-88, SOT-363 | 8-SOIC (0.154", 3.90mm Width) | 20-TSSOP (0.173", 4.40mm Width) |
| Current - Output / Channel        | 50 mA                         | 50 mA                   | 50 mA                         | 40 mA                           |
| Voltage - Supply, Single/Dual (±) | 4.75V ~ 5.25V                 | 2.7V ~ 3.3V             | 4.75V ~ 5.25V                 | 4.7V ~ 5.3V                     |
| Base Product Number               | NCS2563                       | NCS2561                 | NCS2563                       | NCS2566                         |
| Series                            | -                             | -                       | -                             | -                               |
| Slew Rate                         | -                             | -                       | -                             | -                               |
| Number of Circuits                | 3                             | 1                       | 3                             | 6                               |
| Output Type                       | -                             | -                       | -                             | -                               |
| Supplier Device Package           | 8-SOIC                        | SC-88/SC70-6/SOT-363    | 8-SOIC                        | 20-TSSOP                        |
| Package                           | Tape & Reel (TR)              | Tape & Reel (TR)        | Tube                          | Tape & Reel (TR)                |
| Mounting Type                     | Surface Mount                 | Surface Mount           | Surface Mount                 | Surface Mount                   |
| Current - Supply                  | 22 mA                         | 6 mA                    | 22 mA                         | 65 mA                           |
| Applications                      | Filter                        | Filter                  | Filter                        | Reconstruction Filter           |
| -3db Bandwidth                    | 33 MHz                        | -                       | 33 MHz                        | 8 MHz                           |

### NCS2563DR2G Datasheet PDF

Download NCS2563DR2G pdf datasheets and onsemi documentation for NCS2563DR2G - onsemi.

#### Datasheets

[NCS2563.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Obsolescence/ EOL

[Mult Dev EOL 08/Jul/2021.pdf](#)

#### PCN Packaging



















[Mult MSL1 Pkg Rev 20/Dec/2018.pdf](#)

#### HTML Datasheet

[NCS2563.pdf](#)

## Customers Also Interested in

### Recommended Products

|  |  |   |   |  |   |
|--|--|---|---|--|---|
| <br><b>NCS2561SQT1G</b><br>onsemi<br>IC AMP FILTER SC88/SC70-6/SOT363 | <br><b>NCS2563DG</b><br>onsemi<br>IC AMP FILTER 8SOIC                                 | <br><b>NCS2510SNT1G</b><br>onsemi<br>IC OPAMP CFA 1 CIRCUIT 5TSOP    | <br><b>NCS2566DTBR2G</b><br>onsemi<br>IC AMP REC FILTR 20TSSOP        | <br><b>NCS333SN2T1G</b><br>onsemi<br>IC OPAMP ZERO-DRIFT 1 CIRC 5TSOP | <br><b>NCS2564DTBR2G</b><br>onsemi<br>IC AMP REC FILTR 14TSSOP         |
| <br><b>NCS2554DTBR2G</b><br>onsemi<br>IC AMP REC FILTR 14TSSOP        | <br><b>NCS333SQ3T2G</b><br>onsemi<br>IC OPAMP ZERO-DRIFT 1 CIRC SC88A                 | <br><b>NCS2553DR2G</b><br>onsemi<br>IC AMP FILTER 8SOIC              | <br><b>NCS325SN2T1G</b><br>onsemi<br>IC OPAMP ZERO-DRIFT 1 CIRC 5TSOP | <br><b>NCS28500MTTWG</b><br>onsemi<br>IC BUS SWITCH 3AMP WDFN         | <br><b>NCS333ASN2T1G</b><br>onsemi<br>IC OPAMP ZERO-DRIFT 1 CIRC 5TSOP |
| <br><b>NCS29001DR2G</b><br>onsemi<br>IC LED DRIVER CTRLR PWM 14SOIC   | <br><b>NCS2563DR2G</b><br>Fairchild Semiconductor<br>VIDEO AMPLIFIER, 1 CHANNEL(S), 3 | <br><b>NCS2530DTBR2G</b><br>onsemi<br>IC OPAMP CFA 3 CIRCUIT 16TSSOP | <br><b>NCS2535DTBR2G</b><br>onsemi<br>IC OPAMP CFA 3 CIRCUIT 16TSSOP  | <br><b>NCS2540DTBR2G</b><br>onsemi<br>IC OPAMP VFB 3 CIRCUIT 16TSSOP  | <br><b>NCS2553DG</b><br>onsemi<br>IC AMP FILTER 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.

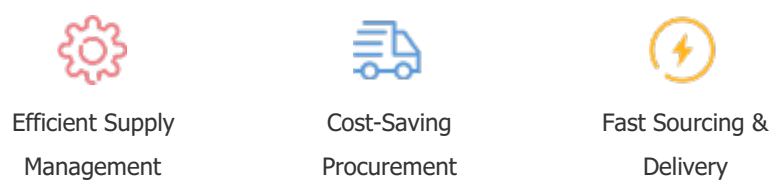
### Payment Support

The payment method can be chosen from the methods shown below:

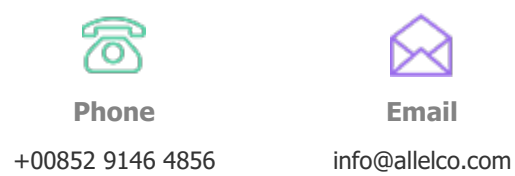
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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