

Image may be representation.
See specifications for product details.



AD5762RCSUZ

| | |
|--------------------------|----------------------------------|
| Manufacturer Part Number | AD5762RCSUZ |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-AD5762RCSUZ |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC DAC 16BIT V-OUT 32TQFP |
| Package | 32-TQFP |
| Data sheet | AD5762R.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

AD5762RCSUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5762RCSUZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD5762RCSUZ, please send us email: info@allelco.com

Specifications

AD5762RCSUZ Tech Specifications

AD5762RCSUZ - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|---------------------------|----------------------|--------------------------|--------------------|
| Manufacturer | Analog Devices, Inc. | Operating Temperature | -40°C ~ 85°C |
| Voltage - Supply, Digital | 2.7V ~ 5.25V | Number of D/A Converters | 2 |
| Voltage - Supply, Analog | ±11.4V ~ 16.5V | Number of Bits | 16 |
| Supplier Device Package | 32-TQFP (7x7) | Mounting Type | Surface Mount |
| Settling Time | 10µs | INL/DNL (LSB) | ±1 (Max), ±1 (Max) |
| Series | iCMOS® | Differential Output | No |
| Reference Type | External, Internal | Data Interface | SPI, DSP |
| Package / Case | 32-TQFP | Base Product Number | AD5762 |
| Package | Tray | Architecture | R-2R |
| Output Type | Voltage - Buffered | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5762RCSUZ

| Product Attribute | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------------------|
| Part Number | AD5762RCSUZ | AD5764BSUZ | AD5764CSUZ | AD5761BRUZ-RL7 |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Differential Output | No | No | No | No |
| Package / Case | 32-TQFP | 32-TQFP | 32-TQFP | 16-TSSOP (0.173", 4.40mm Width) |
| Number of D/A Converters | 2 | 4 | 4 | 1 |
| Series | iCMOS® | iCMOS® | iCMOS® | - |
| INL/DNL (LSB) | ±1 (Max), ±1 (Max) | ±2 (Max), ±1 (Max) | ±1 (Max), ±1 (Max) | ±2 (Max), ±1 (Max) |
| Voltage - Supply, Analog | ±11.4V ~ 16.5V | ±11.4V ~ 16.5V | ±11.4V ~ 16.5V | 4.5V ~ 30V, -16.5V |
| Supplier Device Package | 32-TQFP (7x7) | 32-TQFP (7x7) | 32-TQFP (7x7) | 16-TSSOP |
| Package | Tray | Tray | Tray | Tape & Reel (TR) |
| Architecture | R-2R | R-2R | R-2R | R-2R |
| Number of Bits | 16 | 16 | 16 | 16 |
| Operating Temperature | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 125°C |
| Reference Type | External, Internal | External | External | External |
| Voltage - Supply, Digital | 2.7V ~ 5.25V | 2.7V ~ 5.25V | 2.7V ~ 5.25V | 1.7V ~ 5.5V |
| Settling Time | 10µs | 10µs | 10µs | 9µs |
| Output Type | Voltage - Buffered | Voltage - Buffered | Voltage - Buffered | Voltage - Buffered |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Data Interface | SPI, DSP | SPI, DSP | SPI, DSP | SPI |
| Base Product Number | AD5762 | AD5764 | AD5764 | AD5761 |

AD5762RCSUZ Datasheet PDF

Download AD5762RCSUZ pdf datasheets and Analog Devices Inc. documentation for AD5762RCSUZ - Analog Devices Inc..

Datasheets

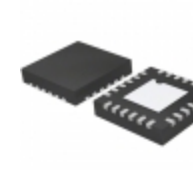
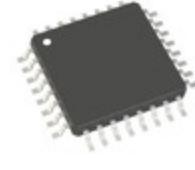
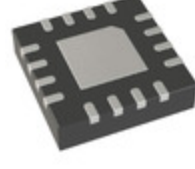
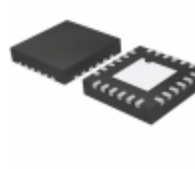
AD5762R.pdf

PCN Design/Specification

AD5762R Metal Layer Edit 07/Sept/2009.pdf

Customers Also Interested in

Recommended Products

**AD5764BSUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP**AD5764CSUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP**AD5761BRUZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5761RBRUZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5760ACPZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 24LFCSP**AD5764SSUZ-EP-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP**AD5761ARUZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5764CSUZ-REEL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP**AD5765BSUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP**AD5761RARUZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5764ASUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP**AD5761RBRUZ**Analog Devices Inc.
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IC DAC 16BIT V-OUT 32TQFP**AD5764RCSUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP

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

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Email

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Certifications & Memberships



View More

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