



Image may be representation.
See specifications for product details.



AD7709ARUZ

| | |
|--------------------------|----------------------------------|
| Manufacturer Part Number | AD7709ARUZ |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-AD7709ARUZ |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC ADC 16BIT SIGMA-DELTA 24TSSOP |
| Package | 24-TSSOP (0.173", 4.40mm Width) |
| Data sheet | AD7709.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

AD7709ARUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7709ARUZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7709ARUZ, please send us email: info@allelco.com

Specifications

AD7709ARUZ Tech Specifications
AD7709ARUZ - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|----------------------------|---------------------------------|--------------------------|-----------------------------------|
| Manufacturer | Analog Devices, Inc. | Number of Inputs | 2, 4 |
| Voltage - Supply, Digital | 2.7V ~ 3.3V, 5V | Number of Bits | 16 |
| Voltage - Supply, Analog | 2.7V ~ 3.3V, 5V | Number of A/D Converters | 1 |
| Supplier Device Package | 24-TSSOP | Mounting Type | Surface Mount |
| Series | - | Input Type | Differential, Pseudo-Differential |
| Sampling Rate (Per Second) | 105 | Features | PGA |
| Reference Type | External | Data Interface | SPI, DSP |
| Ratio - S/H:ADC | - | Configuration | MUX-PGA-ADC |
| Package / Case | 24-TSSOP (0.173", 4.40mm Width) | Base Product Number | AD7709 |
| Package | Tube | Architecture | Sigma-Delta |
| Operating Temperature | -40°C ~ 85°C | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7709ARUZ

| Product Attribute | | | | |
|----------------------------|-----------------------------------|-----------------------------------|---|---|
| Part Number | AD7709ARUZ | AD7709BRUZ | AD7708BRZ-REEL | AD7708BRZ-REEL7 |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Input Type | Differential, Pseudo-Differential | Differential, Pseudo-Differential | Differential, Pseudo-Differential, Single Ended | Differential, Pseudo-Differential, Single Ended |
| Voltage - Supply, Analog | 2.7V ~ 3.3V, 5V | 2.7V ~ 3.3V, 5V | 2.7V ~ 3.3V, 5V | 2.7V ~ 3.3V, 5V |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Number of Inputs | 2, 4 | 2, 4 | 4, 8 | 4, 8 |
| Features | PGA | PGA | PGA | PGA |
| Supplier Device Package | 24-TSSOP | 24-TSSOP | 28-SOIC | 28-SOIC |
| Package / Case | 24-TSSOP (0.173", 4.40mm Width) | 24-TSSOP (0.173", 4.40mm Width) | 28-SOIC (0.295", 7.50mm Width) | 28-SOIC (0.295", 7.50mm Width) |
| Data Interface | SPI, DSP | SPI, DSP | SPI, DSP | SPI, DSP |
| Configuration | MUX-PGA-ADC | MUX-PGA-ADC | MUX-PGA-ADC | MUX-PGA-ADC |
| Operating Temperature | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 85°C |
| Architecture | Sigma-Delta | Sigma-Delta | Sigma-Delta | Sigma-Delta |
| Number of A/D Converters | 1 | 1 | 1 | 1 |
| Voltage - Supply, Digital | 2.7V ~ 3.3V, 5V | 2.7V ~ 3.3V, 5V | 2.7V ~ 3.3V, 5V | 2.7V ~ 3.3V, 5V |
| Number of Bits | 16 | 16 | 16 | 16 |
| Sampling Rate (Per Second) | 105 | 105 | 1.37k | 1.37k |
| Base Product Number | AD7709 | AD7709 | AD7708 | AD7708 |
| Reference Type | External | External | External | External |
| Package | Tube | Tube | Tape & Reel (TR) | Tape & Reel (TR) |
| Series | - | - | - | - |
| Ratio - S/H:ADC | - | - | - | - |

AD7709ARUZ Datasheet PDF

Download AD7709ARUZ pdf datasheets and Analog Devices Inc. documentation for AD7709ARUZ - Analog Devices Inc..

Datasheets

[AD7709.pdf](#)

PCN Assembly/Origin

[Parts Removed 10/Aug/2021.pdf](#)

Customers Also Interested in

Recommended Products



AD7709BRUZ
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 24TSSOP



AD7708BRZ-REEL
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 28SOIC



AD7708BRZ-REEL7
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 28SOIC



AD7710ANZ
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 24DIP



AD7707BRZ
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 20SOIC



AD7710ARZ-REEL7
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 24SOIC



AD7709ARU
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 24TSSOP



AD7709BRUZ-REEL7
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 24TSSOP



AD7707BRUZ
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 20TSSOP



AD7711AN
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 24DIP



AD7708BRUZ-REEL7
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 28TSSOP



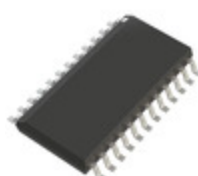
AD7708BRUZ
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 28TSSOP



AD7709ARUZ-REEL7
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 24TSSOP



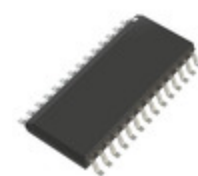
AD7708BRUZ-REEL
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 28TSSOP



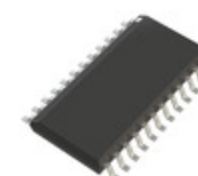
AD7710ARZ
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 24SOIC



AD7708BRU
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 28TSSOP



AD7708BRZ
Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 28SOIC



AD7710AR
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 24SOIC

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 Alleco 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 |

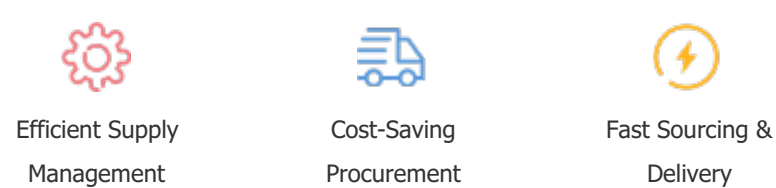
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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