



Image may be representation.
See specifications for product details.



AD7866ARUZ

| | |
|--------------------------|---|
| Manufacturer Part Number | AD7866ARUZ |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-AD7866ARUZ |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC ADC 12BIT SAR 20TSSOP |
| Package | 20-TSSOP (0.173', 4.40mm Width) |
| Data sheet | Cylindrical Battery Holders.pdf AD7866.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

AD7866ARUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7866ARUZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7866ARUZ, please send us email: info@allelco.com

Specifications

AD7866ARUZ Tech Specifications
AD7866ARUZ - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|----------------------------|---------------------------------|--------------------------|-----------------------|
| Manufacturer | Analog Devices, Inc. | Number of Inputs | 4 |
| Voltage - Supply, Digital | 2.7V ~ 5.25V | Number of Bits | 12 |
| Voltage - Supply, Analog | 2.7V ~ 5.25V | Number of A/D Converters | 2 |
| Supplier Device Package | 20-TSSOP | Mounting Type | Surface Mount |
| Series | - | Input Type | Single Ended |
| Sampling Rate (Per Second) | 1M | Features | Simultaneous Sampling |
| Reference Type | External, Internal | Data Interface | SPI, DSP |
| Ratio - S/H:ADC | 1:1 | Configuration | MUX-S/H-ADC |
| Package / Case | 20-TSSOP (0.173', 4.40mm Width) | Base Product Number | AD7866 |
| Package | Tube | Architecture | SAR |
| Operating Temperature | -40°C ~ 125°C | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7866ARUZ

| Product Attribute | | | | |
|----------------------------|---------------------------------|---------------------------------|------------------------|-----------------------|
| Part Number | AD7866ARUZ | AD7866BRUZ | AD7865ASZ-3REEL | AD7865ASZ-3 |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Ratio - S/H:ADC | 1:1 | 1:1 | 4:1 | 4:1 |
| Base Product Number | AD7866 | AD7866 | AD7865 | AD7865 |
| Input Type | Single Ended | Single Ended | Single Ended | Single Ended |
| Voltage - Supply, Analog | 2.7V ~ 5.25V | 2.7V ~ 5.25V | 5V | 5V |
| Package | Tube | Tube | Tape & Reel (TR) | Tray |
| Number of A/D Converters | 2 | 2 | 1 | 1 |
| Supplier Device Package | 20-TSSOP | 20-TSSOP | 44-MQFP (10x10) | 44-MQFP (10x10) |
| Operating Temperature | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 85°C | -40°C ~ 85°C |
| Features | Simultaneous Sampling | Simultaneous Sampling | Simultaneous Sampling | Simultaneous Sampling |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Reference Type | External, Internal | External, Internal | External, Internal | External, Internal |
| Series | - | - | - | - |
| Package / Case | 20-TSSOP (0.173', 4.40mm Width) | 20-TSSOP (0.173", 4.40mm Width) | 44-QFP | 44-QFP |
| Data Interface | SPI, DSP | SPI, DSP | Parallel | Parallel |
| Voltage - Supply, Digital | 2.7V ~ 5.25V | 2.7V ~ 5.25V | 5V | 5V |
| Sampling Rate (Per Second) | 1M | 1M | 350k | 350k |
| Number of Inputs | 4 | 4 | 4 | 4 |
| Configuration | MUX-S/H-ADC | MUX-S/H-ADC | S/H-MUX-ADC | S/H-MUX-ADC |
| Number of Bits | 12 | 12 | 14 | 14 |
| Architecture | SAR | SAR | SAR | SAR |

AD7866ARUZ Datasheet PDF

Download AD7866ARUZ pdf datasheets and Analog Devices Inc. documentation for AD7866ARUZ - Analog Devices Inc..

Datasheets

[AD7866.pdf](#)

HTML Datasheet



















[Cylindrical Battery Holders.pdf](#)



Qualification Assembly Site 23/Jul/2014.pdf

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| AD7869JR Analog Devices Inc. IC I/O PORT 14BIT ANLG 28-SOIC | AD7866BRUZ Analog Devices Inc. IC ADC 12BIT SAR 20TSSOP | AD7865ASZ-3REEL Analog Devices Inc. IC ADC 14BIT SAR 44MQFP | AD7865ASZ-3 Analog Devices Inc. IC ADC 14BIT SAR 44MQFP | AD7868BRZ Analog Devices Inc. IC INTERFACE SPECIALIZED 28SOIC | AD7869JN ADI (Analog Devices, Inc.) |
|  |  |  |  |  |  |
| AD7870CQ Analog Devices Inc. IC ADC 12BIT SAR 24CDIP | AD7865ASZ-2 Analog Devices Inc. IC ADC 14BIT SAR 44MQFP | AD7868AN Analog Devices Inc. IC INTERFACE SPECIALIZED 24DIP | AD7870JN Analog Devices Inc. IC ADC 12BIT SAR 24DIP | AD7865YS-1 ADI (Analog Devices, Inc.) | AD7866ARUZ-REEL7 Analog Devices Inc. IC ADC 12BIT SAR 20TSSOP |
|  |  |  |  |  |  |
| AD7866ARUZ-REEL Analog Devices Inc. IC ADC 12BIT SAR 20TSSOP | AD7866ARU-REEL7 Analog Devices Inc. IC ADC 12BIT SAR 20TSSOP | AD7865BS-1 ADI (Analog Devices, Inc.) | AD7865YSZ-1 Analog Devices Inc. IC ADC 14BIT SAR 44MQFP | AD7865BSZ-1 Analog Devices Inc. IC ADC 14BIT SAR 44MQFP | AD7865BSZ-3 Analog Devices Inc. IC ADC 14BIT SAR 44MQFP |

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