



Image may be representation.  
See specifications for product details.



## AD7176-2BRUZ

Manufacturer Part Number	<b>AD7176-2BRUZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7176-2BRUZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 24BIT SIGMA-DELTA 24TSSOP
Package	24-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD7176-2BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7176-2BRUZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7176-2BRUZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7176-2BRUZ Tech Specifications

AD7176-2BRUZ - 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	2V ~ 5.5V	Number of Bits	24
Voltage - Supply, Analog	2V ~ 5.5V	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)	250k	Features	-
Reference Type	External, Internal	Data Interface	SPI, DSP
Ratio - S/H:ADC	-	Configuration	MUX-ADC
Package / Case	24-TSSOP (0.173', 4.40mm Width)	Base Product Number	AD7176
Package	Tube	Architecture	Sigma-Delta
Operating Temperature	-40°C ~ 105°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7176-2BRUZ

Product Attribute				
Part Number	AD7176-2BRUZ	<a href="#">AD7175-8BCPZ</a>	<a href="#">AD7176-2BRUZ-RL</a>	<a href="#">AD7175-8BCPZ-RL7</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Features	-	Temperature Sensor	-	Temperature Sensor
Series	-	-	-	-
Configuration	MUX-ADC	MUX-ADC	MUX-ADC	MUX-ADC
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Package	Tube	Tray	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply, Analog	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Sampling Rate (Per Second)	250k	250k	250k	250k
Voltage - Supply, Digital	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Number of Inputs	2, 4	8, 16	2, 4	8, 16
Supplier Device Package	24-TSSOP	40-LFCSP-WQ (6x6)	24-TSSOP	40-LFCSP-WQ (6x6)
Base Product Number	AD7176	AD7175	AD7176	AD7175
Input Type	Differential, Pseudo-Differential	Differential, Pseudo-Differential, Single Ended	Differential, Pseudo-Differential	Differential, Pseudo-Differential, Single Ended
Package / Case	24-TSSOP (0.173', 4.40mm Width)	40-WFQFN Exposed Pad, CSP	24-TSSOP (0.173', 4.40mm Width)	40-WFQFN Exposed Pad, CSP
Ratio - S/H:ADC	-	-	-	-
Number of Bits	24	24	24	24
Number of A/D Converters	1	1	1	1

### AD7176-2BRUZ Datasheet PDF

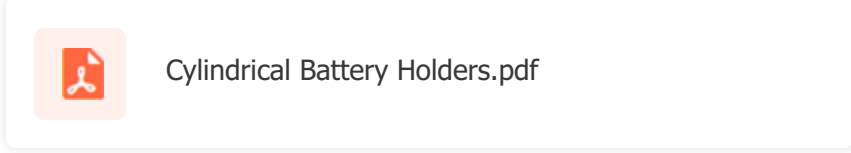
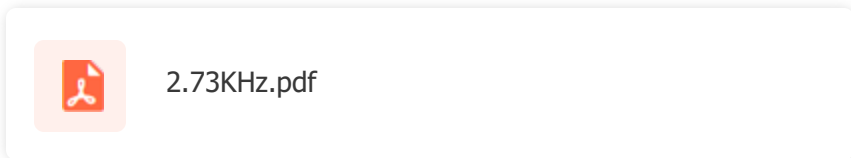
Download AD7176-2BRUZ pdf datasheets and Analog Devices Inc. documentation for AD7176-2BRUZ - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)



Customers Also Interested in

Recommended Products

<b>AD7173KST</b> ADI (Analog Devices, Inc.)	<b>AD7175-8BCPZ</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 40LFCSP	<b>AD7176-2BRUZ-RL</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 24TSSOP	<b>AD7175-8BCPZ-RL7</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 40LFCSP	<b>AD7190BRUZ-REEL</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 24TSSOP	<b>AD7177-2BRUZ</b> Analog Devices Inc. IC ADC 32BIT SIGMA-DELTA 24TSSOP
<b>AD7175-2BRUZ-RL7</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 24TSSOP	<b>AD7172-2BRUZ-RL7</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 24TSSOP	<b>AD7179KCPZ</b> ADI (Analog Devices, Inc.)	<b>AD7172-2BRUZ</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 24TSSOP	<b>AD7175-2BRUZ</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 24TSSOP	<b>AD7175-8BCPZ-RL</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 40LFCSP
<b>AD7179-1BCPZ</b> ADI (Analog Devices, Inc.)	<b>AD7173-8BCPZ</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 40LFCSP	<b>AD7190BRUZ</b> Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 24TSSOP	<b>AD7182AUJZ-R</b> ADI (Analog Devices, Inc.)	<b>AD7179-4BCPZ</b> ADI (Analog Devices, Inc.)	<b>AD7177-2BRUZ-RL7</b> Analog Devices Inc. IC ADC 32BIT SIGMA-DELTA 24TSSOP

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.**

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