

Image may be representation.
See specifications for product details.



AD7175-8BCPZ

Manufacturer Part Number	AD7175-8BCPZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7175-8BCPZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 24BIT SIGMA-DELTA 40LFCSP
Package	40-WFQFN Exposed Pad, CSP
Data sheet	AD7175-8.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7175-8BCPZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7175-8BCPZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7175-8BCPZ, please send us email: info@allelco.com

Specifications

AD7175-8BCPZ Tech Specifications

AD7175-8BCPZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	8, 16
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	40-LFCSP-WQ (6x6)	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Pseudo-Differential, Single Ended
Sampling Rate (Per Second)	250k	Features	Temperature Sensor
Reference Type	External, Internal	Data Interface	SPI, DSP
Ratio - S/H:ADC	-	Configuration	MUX-ADC
Package / Case	40-WFQFN Exposed Pad, CSP	Base Product Number	AD7175
Package	Tray	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. AD7175-8BCPZ

Product Attribute				
Part Number	AD7175-8BCPZ	AD7172-2BRUZ-RL7	AD7175-8BCPZ-RL	AD7171BCPZ-500RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Reference Type	External, Internal	External, Internal	External, Internal	External
Voltage - Supply, Analog	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2.7V ~ 5.25V
Features	Temperature Sensor	-	Temperature Sensor	-
Supplier Device Package	40-LFCSP-WQ (6x6)	24-TSSOP	40-LFCSP-WQ (6x6)	10-LFCSP-WD (3x3)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	40-WFQFN Exposed Pad, CSP	24-TSSOP (0.173', 4.40mm Width)	40-WFQFN Exposed Pad, CSP	10-VDFN Exposed Pad, CSP
Number of Bits	24	24	24	16
Ratio - S/H:ADC	-	-	-	-
Base Product Number	AD7175	AD7172	AD7175	AD7171
Series	-	-	-	-
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of A/D Converters	1	1	1	1
Sampling Rate (Per Second)	250k	31.25k	250k	-
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Voltage - Supply, Digital	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2.7V ~ 5.25V
Number of Inputs	8, 16	2, 4	8, 16	1
Configuration	MUX-ADC	MUX-ADC	MUX-ADC	ADC
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Input Type	Differential, Pseudo-Differential, Single Ended	Differential, Single Ended	Differential, Pseudo-Differential, Single Ended	Differential
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI

AD7175-8BCPZ Datasheet PDF

Download AD7175-8BCPZ pdf datasheets and Analog Devices Inc. documentation for AD7175-8BCPZ - Analog Devices Inc..

Datasheets

[AD7175-8.pdf](#)

Other Related Documents

[Sigma-Delta ADC Clocking - More Than Jitter.pdf](#)

Customers Also Interested in

Recommended Products



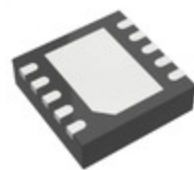
AD7172-2BRUZ-RL7

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



AD7175-8BCPZ-RL

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA
40LFCSP



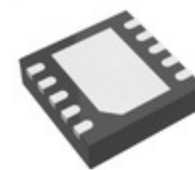
AD7171BCPZ-500RL7

Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA
10LFCSP



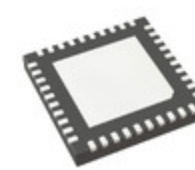
AD7179-4BCPZ

ADI (Analog Devices, Inc.)



AD7171BCPZ-REEL7

Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA
10LFCSP



AD7173-8BCPZ

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA
40LFCSP



AD7175-2BRUZ

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



AD7177-2BRUZ

Analog Devices Inc.
IC ADC 32BIT SIGMA-DELTA
24TSSOP



AD7177-2BRUZ-RL7

Analog Devices Inc.
IC ADC 32BIT SIGMA-DELTA
24TSSOP



AD7172-2BRUZ

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



AD7175-2BRUZ-RL7

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



AD7179-1BCPZ

ADI (Analog Devices, Inc.)



AD7179KCPZ

ADI (Analog Devices, Inc.)



AD7175-8BCPZ-RL7

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA
40LFCSP



AD7171BCPZ-REEL

ADI (Analog Devices, Inc.)



AD7173KST

ADI (Analog Devices, Inc.)



AD7176-2BRUZ

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



AD7176-2BRUZ-RL

Analog Devices Inc.
IC ADC 24BIT 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 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

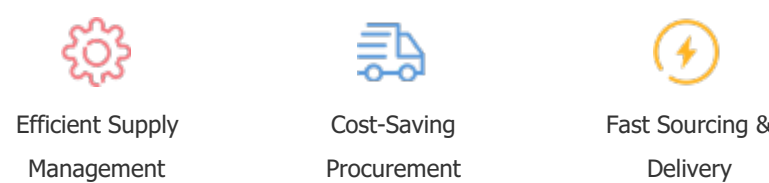
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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