



Image may be representation.
See specifications for product details.



AD7172-2BRUZ

Manufacturer Part Number	AD7172-2BRUZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7172-2BRUZ
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	AD7172-2.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7172-2BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7172-2BRUZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7172-2BRUZ, please send us email: info@allelco.com

Specifications

AD7172-2BRUZ Tech Specifications

AD7172-2BRUZ - 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, Single Ended
Sampling Rate (Per Second)	31.25k	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	AD7172
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. AD7172-2BRUZ

Product Attribute				
Part Number	AD7172-2BRUZ	AD7172-2BRUZ-RL7	AD7170BCPZ-500RL7	AD7175-8BCPZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Ratio - S/H:ADC	-	-	-	-
Reference Type	External, Internal	External, Internal	External	External, Internal
Package / Case	24-TSSOP (0.173", 4.40mm Width)	24-TSSOP (0.173", 4.40mm Width)	10-VFDFN Exposed Pad, CSP	40-WFQFN Exposed Pad, CSP
Sampling Rate (Per Second)	31.25k	31.25k	-	250k
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Inputs	2, 4	2, 4	1	8, 16
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of A/D Converters	1	1	1	1
Number of Bits	24	24	12	24
Input Type	Differential, Single Ended	Differential, Single Ended	Differential	Differential, Pseudo-Differential, Single Ended
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Series	-	-	-	-
Voltage - Supply, Analog	2V ~ 5.5V	2V ~ 5.5V	2.7V ~ 5.25V	2V ~ 5.5V
Data Interface	SPI, DSP	SPI, DSP	SPI	SPI, DSP
Features	-	-	-	Temperature Sensor
Supplier Device Package	24-TSSOP	24-TSSOP	10-LFCSP-WD (3x3)	40-LFCSP-WQ (6x6)
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Voltage - Supply, Digital	2V ~ 5.5V	2V ~ 5.5V	2.7V ~ 5.25V	2V ~ 5.5V
Base Product Number	AD7172	AD7172	AD7170	AD7175
Configuration	MUX-ADC	MUX-ADC	ADC	MUX-ADC

AD7172-2BRUZ Datasheet PDF

Download AD7172-2BRUZ pdf datasheets and Analog Devices Inc. documentation for AD7172-2BRUZ - Analog Devices Inc..

Datasheets




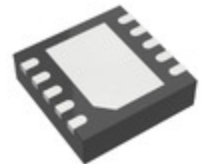


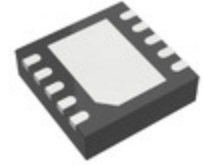
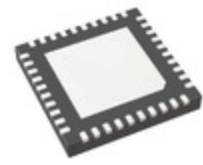

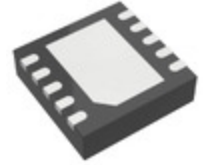

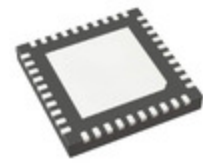



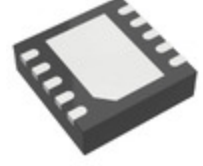

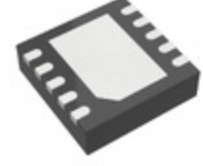
[AD7172-2.pdf](#)

PCN Other

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Recommended Products

 AD7171BCPZ ADI (Analog Devices, Inc.)	 AD7171BCPZ-REEL ADI (Analog Devices, Inc.)	 AD7172-2BRUZ-RL7 Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 24TSSOP	 AD7170BCPZ-500RL7 Analog Devices Inc. IC ADC 12BIT SIGMA-DELTA 10LFCSP	 AD7170BCPZ ADI (Analog Devices, Inc.)	 AD7166-202ACBZ ADI (Analog Devices, Inc.)
 AD7156BCPZ-REEL7 Analog Devices Inc. IC CAP TO DGT 12BIT 100K 10LFCSP	 AD7175-8BCPZ-RL7 Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 40LFCSP	 AD7166-202ACBZ-R7 ADI (Analog Devices, Inc.)	 AD7171BCPZ-500RL7 Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 10LFCSP	 AD7173-8BCPZ Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 40LFCSP	 AD7175-8BCPZ Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 40LFCSP
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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

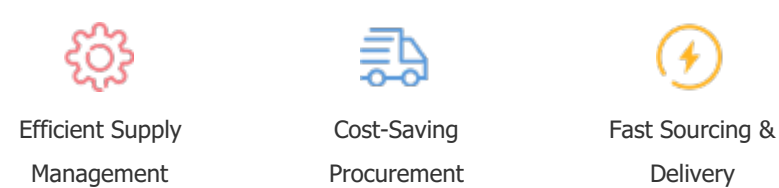
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

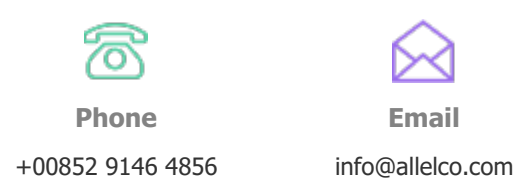
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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