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See specifications for product details.



AD7170BCPZ-REEL7

Manufacturer Part Number	AD7170BCPZ-REEL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7170BCPZ-REEL7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 12BIT SIGMA-DELTA 10LFCSP
Package	10-VDFN Exposed Pad, CSP
Data sheet	AD7170.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7170BCPZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7170BCPZ-REEL7 datasheet/specifications on AllelcoElec.com.
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Specifications

AD7170BCPZ-REEL7 Tech Specifications
AD7170BCPZ-REEL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	1
Voltage - Supply, Digital	2.7V ~ 5.25V	Number of Bits	12
Voltage - Supply, Analog	2.7V ~ 5.25V	Number of A/D Converters	1
Supplier Device Package	10-LFCSP-WD (3x3)	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	-	Features	-
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	-	Configuration	ADC
Package / Case	10-VDFN Exposed Pad, CSP	Base Product Number	AD7170
Package	Tape & Reel (TR)	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. AD7170BCPZ-REEL7

Product Attribute				
Part Number	AD7170BCPZ-REEL7	AD7172-2BRUZ-RL7	AD7170BCPZ-500RL7	AD7172-2BRUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	10-VDFN Exposed Pad, CSP	24-TSSOP (0.173", 4.40mm Width)	10-VDFN Exposed Pad, CSP	24-TSSOP (0.173", 4.40mm Width)
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Number of Inputs	1	2, 4	1	2, 4
Sampling Rate (Per Second)	-	31.25k	-	31.25k
Series	-	-	-	-
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Ratio - S/H:ADC	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Analog	2.7V ~ 5.25V	2V ~ 5.5V	2.7V ~ 5.25V	2V ~ 5.5V
Number of Bits	12	24	12	24
Configuration	ADC	MUX-ADC	ADC	MUX-ADC
Voltage - Supply, Digital	2.7V ~ 5.25V	2V ~ 5.5V	2.7V ~ 5.25V	2V ~ 5.5V
Input Type	Differential	Differential, Single Ended	Differential	Differential, Single Ended
Reference Type	External	External, Internal	External	External, Internal
Features	-	-	-	-
Supplier Device Package	10-LFCSP-WD (3x3)	24-TSSOP	10-LFCSP-WD (3x3)	24-TSSOP
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Number of A/D Converters	1	1	1	1
Data Interface	SPI	SPI, DSP	SPI	SPI, DSP
Base Product Number	AD7170	AD7172	AD7170	AD7172

AD7170BCPZ-REEL7 Datasheet PDF

Download AD7170BCPZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for AD7170BCPZ-REEL7 - Analog Devices Inc..

Datasheets





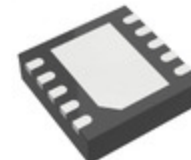


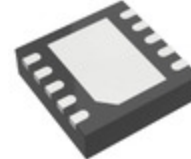

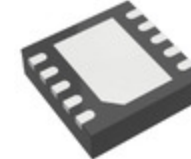
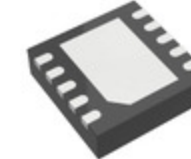



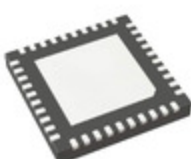

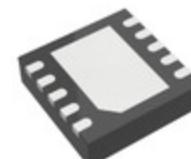

[AD7170.pdf](#)

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[Tape and Reel Packaging.pdf](#)

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Recommended Products

					
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AD7175-2BRUZ Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 24TSSOP	AD7171BCPZ-500RL7 Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 10LFCSP	AD7152BRMZ Analog Devices Inc. IC CAP TO DGT CNVRT 12BIT 10MSOP	AD7156BCPZ-REEL Analog Devices Inc. IC CAP TO DGT 12BIT 100K 10LFCSP	AD7156BCPZ-REEL7 Analog Devices Inc. IC CAP TO DGT 12BIT 100K 10LFCSP	AD7173KST ADI (Analog Devices, Inc.)
					
AD7170BCPZ ADI (Analog Devices, Inc.)	AD7171BCPZ-REEL ADI (Analog Devices, Inc.)	AD7173-8BCPZ Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 40LFCSP	AD7166-202ACBZ-R7 ADI (Analog Devices, Inc.)	AD7171BCPZ-REEL7 Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 10LFCSP	AD7166-202ACBZ ADI (Analog Devices, Inc.)

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.

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The payment method can be chosen from the methods shown below:
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