

Image may be representation.
See specifications for product details.



AD7124-4BCPZ-RL7

Manufacturer Part Number	AD7124-4BCPZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7124-4BCPZ-RL7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 24BIT SIGMA-DELTA 32LFCSP
Package	32-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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AD7124-4BCPZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7124-4BCPZ-RL7 datasheet/specifications on AllelcoElec.com.
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Specifications

AD7124-4BCPZ-RL7 Tech Specifications
AD7124-4BCPZ-RL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	4, 7
Voltage - Supply, Digital	1.65V ~ 3.6V	Number of Bits	24
Voltage - Supply, Analog	±1.8V, 2.7V ~ 3.6V	Number of A/D Converters	1
Supplier Device Package	32-LFCSP (5x5)	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Single Ended
Sampling Rate (Per Second)	19.2k	Features	PGA, Temperature Sensor
Reference Type	External, Internal	Data Interface	SPI
Ratio - S/H:ADC	-	Configuration	MUX-PGA-ADC
Package / Case	32-WFQFN Exposed Pad, CSP	Base Product Number	AD7124
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. AD7124-4BCPZ-RL7

Product Attribute				
Part Number	AD7124-4BCPZ-RL7	AD7124-4BRUZ-RL7	AD7124-4B8CPZ	AD7124-8BCPZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Analog	±1.8V, 2.7V ~ 3.6V	±1.8V, 2.7V ~ 3.6V	2.7V ~ 3.6V, ±1.8V	±1.8V, 2.7V ~ 3.6V
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Sampling Rate (Per Second)	19.2k	19.2k	19.2k	19.2k
Package / Case	32-WFQFN Exposed Pad, CSP	24-TSSOP (0.173", 4.40mm Width)	32-WFQFN Exposed Pad, CSP	32-WFQFN Exposed Pad, CSP
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Number of A/D Converters	1	1	1	1
Configuration	MUX-PGA-ADC	MUX-PGA-ADC	MUX-PGA-ADC	MUX-PGA-ADC
Number of Inputs	4, 7	4, 7	4, 7	8, 15, 16
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Bits	24	24	24	24
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Features	PGA, Temperature Sensor	PGA, Temperature Sensor	PGA, Temperature Sensor	PGA, Temperature Sensor
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Interface	SPI	SPI	DSP, MICROWIRE™, QSPI™, and SPI™	SPI, DSP
Input Type	Differential, Single Ended	Differential, Single Ended	Differential, Pseudo-Differential, Single Ended	Differential, Pseudo-Differential, Single Ended
Ratio - S/H:ADC	-	-	0:1	-
Voltage - Supply, Digital	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V
Series	-	-	-	-
Supplier Device Package	32-LFCSP (5x5)	24-TSSOP	32-LFCSP (5x5)	32-LFCSP (5x5)
Base Product Number	AD7124	AD7124	AD7124	AD7124

AD7124-4BCPZ-RL7 Datasheet PDF

Download AD7124-4BCPZ-RL7 pdf datasheets and Analog Devices Inc. documentation for AD7124-4BCPZ-RL7 - Analog Devices Inc..

Datasheets


[Cylindrical Battery Holders.pdf](#)


Other Related Documents


[Tape and Reel Packaging.pdf](#)

[ADI Programmable Log Controller Solutions.pdf](#)


Design Resources

 CN-0376 Circuit Note.pdf

 CN-0382 Circuit Note.pdf

 CN-0383 Circuit Note.pdf

PCN Design/Specification

 AD7124-4 and AD7124-8 23/Jun/2016.pdf

 AD7124-xBCPZ 11/Jul/2022.pdf

PCN Other

 2.73KHz.pdf

Customers Also Interested in

Recommended Products



AD711KRZ-REEL7
Analog Devices Inc.
IC OPAMP JFET 1 CIRCUIT 8SOIC



AD711KNZ
Analog Devices Inc.
IC OPAMP JFET 1 CIRCUIT 8DIP



AD7124-4BRUZ-RL7
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 24TSSOP



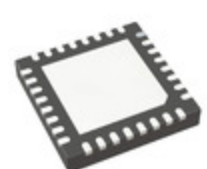
AD711KRZ
Analog Devices Inc.
IC OPAMP JFET 1 CIRCUIT 8SOIC



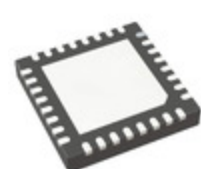
AD712ANZ
ADI (Analog Devices, Inc.)



AD712AN
ADI (Analog Devices, Inc.)



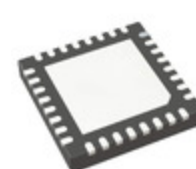
AD7124-4BBCPZ
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 32LFCSP



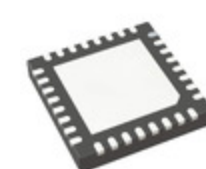
AD7124-8BCPZ-RL7
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AD711SQ/883B
ADI (Analog Devices, Inc.)



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



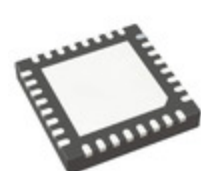
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Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 32LFCSP



AD7124-4BRUZ
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 24TSSOP



AD7124-4BRUZ-RL
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 24TSSOP



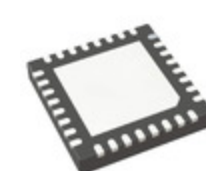
AD7124-4BBCPZ-RL
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 32LFCSP



AD711KR
Analog Devices Inc.
IC OPAMP JFET 1 CIRCUIT 8SOIC



AD712AH
Analog Devices Inc.
IC OPAMP JFET 2 CIRCUIT TO99



AD7124-4BCPZ
Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 32LFCSP



AD712AQ
Analog Devices Inc.
IC OPAMP JFET 2 CIRCUIT 8CERDIP

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 -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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