

Image may be representation.
See specifications for product details.



AD7124-8BCPZ-RL

Manufacturer Part Number	AD7124-8BCPZ-RL
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7124-8BCPZ-RL
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

Get a Quote

AD7124-8BCPZ-RL - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7124-8BCPZ-RL datasheet/specifications on AllelcoElec.com.
Request a quote for AD7124-8BCPZ-RL, please send us email: info@allelco.com

Specifications

AD7124-8BCPZ-RL Tech Specifications
AD7124-8BCPZ-RL - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	8, 15, 16
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, Pseudo-Differential, Single Ended
Sampling Rate (Per Second)	19.2k	Features	PGA, Temperature Sensor
Reference Type	External, Internal	Data Interface	SPI, DSP
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 ~ 125°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7124-8BCPZ-RL

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

AD7124-8BCPZ-RL Datasheet PDF

Download AD7124-8BCPZ-RL pdf datasheets and Analog Devices Inc. documentation for AD7124-8BCPZ-RL - Analog Devices Inc..

Datasheets

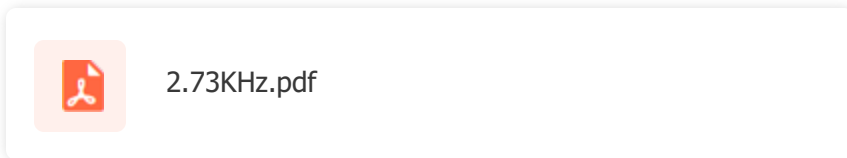
[Cylindrical Battery Holders.pdf](#)

PCN Design/Specification

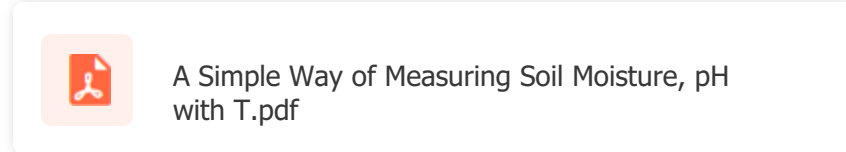
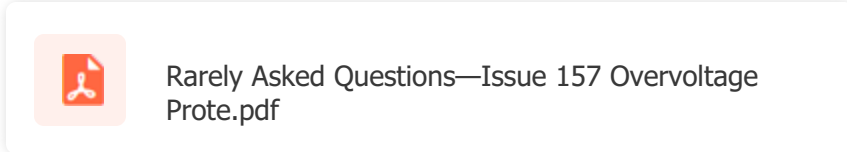
[AD7124-4 and AD7124-8 23/Jun/2016.pdf](#)

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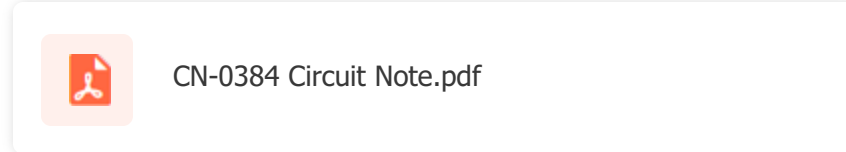
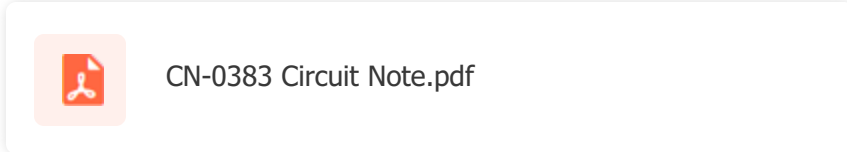
PCN Other



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Design Resources



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AD712ANZ ADI (Analog Devices, Inc.)	AD7124-4BCPZ Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 32LFCSP	AD712BH Analog Devices Inc. IC OPAMP JFET 2 CIRCUIT TO99	AD712AN ADI (Analog Devices, Inc.)	AD7124-4BBCPZ Analog Devices Inc. IC ADC 24BIT SIGMA-DELTA 32LFCSP	AD712BQ ADI (Analog Devices, Inc.)
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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 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
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Contact us if you have any questions.

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Certifications & Memberships



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