



Image may be representation.
See specifications for product details.



AD9216BCPZ-105

Manufacturer Part Number	AD9216BCPZ-105
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD9216BCPZ-105
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 10BIT PIPELINED 64LFCSP
Package	64-VFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD9216BCPZ-105 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9216BCPZ-105 datasheet/specifications on AllelcoElec.com.
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Specifications

AD9216BCPZ-105 Tech Specifications
AD9216BCPZ-105 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	2
Voltage - Supply, Digital	2.25V ~ 3.3V	Number of Bits	10
Voltage - Supply, Analog	2.7V ~ 3.3V	Number of A/D Converters	2
Supplier Device Package	64-LFCSP-VQ (9x9)	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Single Ended
Sampling Rate (Per Second)	105M	Features	Simultaneous Sampling
Reference Type	External, Internal	Data Interface	Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	64-VFQFN Exposed Pad, CSP	Base Product Number	AD9216
Package	Tray	Architecture	Pipelined
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD9216BCPZ-105

Product Attribute				
Part Number	AD9216BCPZ-105	AD9215BCPZ-65	AD9215BCPZ-105	AD9218BSTZ-40
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Base Product Number	AD9216	AD9215	AD9215	AD9218
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Package	Tray	Tray	Tray	Tray
Series	-	-	-	-
Sampling Rate (Per Second)	105M	65M	105M	40M
Features	Simultaneous Sampling	-	-	Simultaneous Sampling
Voltage - Supply, Digital	2.25V ~ 3.3V	2.25V ~ 3.6V	2.25V ~ 3.6V	2.7V ~ 3.6V
Voltage - Supply, Analog	2.7V ~ 3.3V	2.7V ~ 3.3V	2.7V ~ 3.3V	2.7V ~ 3.6V
Data Interface	Parallel	Parallel	Parallel	Parallel
Input Type	Differential, Single Ended	Differential, Single Ended	Differential, Single Ended	Differential, Single Ended
Number of Inputs	2	1	1	2
Reference Type	External, Internal	Internal	Internal	Internal
Supplier Device Package	64-LFCSP-VQ (9x9)	32-LFCSP-WQ (5x5)	32-LFCSP-WQ (5x5)	48-LQFP (7x7)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	64-VFQFN Exposed Pad, CSP	32-WFQFN Exposed Pad, CSP	32-WFQFN Exposed Pad, CSP	48-LQFP
Number of A/D Converters	2	1	1	2
Number of Bits	10	10	10	10
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Architecture	Pipelined	Pipelined	Pipelined	Pipelined

AD9216BCPZ-105 Datasheet PDF

Download AD9216BCPZ-105 pdf datasheets and Analog Devices Inc. documentation for AD9216BCPZ-105 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

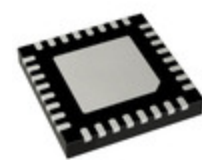
Customers Also Interested in

Recommended Products



AD9215BCPZ-65

Analog Devices Inc.
IC ADC 10BIT PIPELINED 32LFCSP



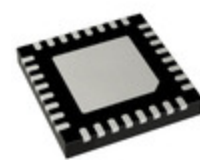
AD9215BCPZ-105

Analog Devices Inc.
IC ADC 10BIT PIPELINED 32LFCSP



AD9218BSTZ-40

Analog Devices Inc.
IC ADC 10BIT PIPELINED 48LQFP



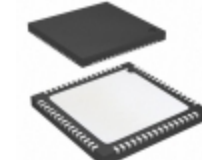
AD9215BCP-80

Analog Devices Inc.
IC ADC 10BIT 80MSPS 32-LFCSP



AD9215BRUZ-105

Analog Devices Inc.
IC ADC 10BIT PIPELINED 28TSSOP



AD9216BCPZRL7-65

Analog Devices Inc.
IC ADC 10BIT PIPELINED 64LFCSP



AD9218BST-40

Analog Devices Inc.
IC ADC 10BIT DUAL 40MSPS 48LQFP



AD9218BSTZ-65

Analog Devices Inc.
IC ADC 10BIT PIPELINED 48LQFP



AD9215BRU-105

Analog Devices Inc.
IC ADC 10BIT PIPELINED 28TSSOP



AD9218BSTZ-RL65

Analog Devices Inc.
IC ADC 10BIT PIPELINED 48LQFP



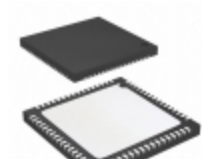
AD9215BRUZ-80

Analog Devices Inc.
IC ADC 10BIT PIPELINED 28TSSOP



AD9215BRUZ-65

Analog Devices Inc.
IC ADC 10BIT PIPELINED 28TSSOP



AD9216BCPZ-65

Analog Devices Inc.
IC ADC 10BIT PIPELINED 64LFCSP



AD9218BST-65

Analog Devices Inc.
IC ADC 10BIT 65MSPS DUAL 48-LQFP



AD9218BSTZ-105

Analog Devices Inc.
IC ADC 10BIT PIPELINED 48LQFP



AD9215BCPZ-80

Analog Devices Inc.
IC ADC 10BIT PIPELINED 32LFCSP



AD9215BRUZRL7-65

Analog Devices Inc.
IC ADC 10BIT PIPELINED 28TSSOP



AD9218BSTZ-80

Analog Devices Inc.
IC ADC 10BIT PIPELINED 48LQFP

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.



Phone

+00852 9146 4856



Email

info@alleco.com

Certifications & Memberships



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