

Image may be representation.  
See specifications for product details.



## AD9628BCPZ-105

Manufacturer Part Number	<b>AD9628BCPZ-105</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9628BCPZ-105
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 12BIT PIPELINED 64LFCSP
Package	64-VFQFN Exposed Pad, CSP
Data sheet	<b>AD9628.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9628BCPZ-105 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9628BCPZ-105 datasheet/specifications on AllelcoElec.com.  
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### Specifications

AD9628BCPZ-105 Tech Specifications  
AD9628BCPZ-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	1.7V ~ 1.9V	Number of Bits	12
Voltage - Supply, Analog	1.7V ~ 1.9V	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	LVDS - Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	64-VFQFN Exposed Pad, CSP	Base Product Number	AD9628
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. AD9628BCPZ-105

Product Attribute				
Part Number	AD9628BCPZ-105	<b>AD9627BCPZ11-150</b>	<b>AD9627BCPZ-150</b>	<b>AD9627ABCPZ-105</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Input Type	Differential, Single Ended	-	-	Differential, Single Ended
Features	Simultaneous Sampling	-	-	Simultaneous Sampling
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Supplier Device Package	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)
Reference Type	External, Internal	-	-	External, Internal
Ratio - S/H:ADC	1:1	-	-	1:1
Number of A/D Converters	2	2	2	2
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Architecture	Pipelined	-	-	Pipelined
Package	Tray	Tray	Tray	Tray
Sampling Rate (Per Second)	105M	150M	150M	105M
Series	-	-	-	-
Voltage - Supply, Analog	1.7V ~ 1.9V	-	-	1.7V ~ 1.9V
Data Interface	LVDS - Parallel	SPI	SPI	Parallel
Configuration	S/H-ADC	-	-	S/H-ADC
Voltage - Supply, Digital	1.7V ~ 1.9V	-	-	1.7V ~ 1.9V
Number of Bits	12	11	12	12
Number of Inputs	2	-	-	2
Package / Case	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP
Base Product Number	AD9628	AD9627	AD9627	AD9627

### AD9628BCPZ-105 Datasheet PDF

Download AD9628BCPZ-105 pdf datasheets and Analog Devices Inc. documentation for AD9628BCPZ-105 - Analog Devices Inc..

#### Datasheets






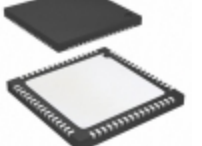

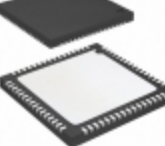
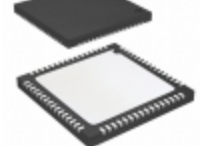
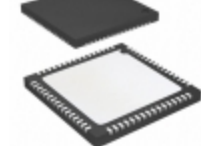




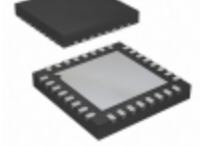
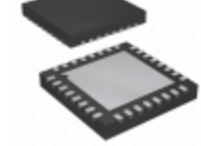
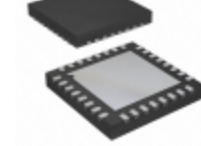

[AD9628.pdf](#)

#### PCN Assembly/Origin

[Mult Changes 09/Jun/2021.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>AD9627BCPZ11-150</b> Analog Devices Inc. IC ADC DUAL 11B 150MSPS 64LFCSP	<b>AD9625XBPZ-2.5</b> ANALOGDEVICES	<b>AD9627BCPZ-150</b> Analog Devices Inc. IC A/D 12BIT 150 MSPS DL 64LFCSP	<b>AD9630AR</b> ADI (Analog Devices, Inc.)	<b>AD9630AN</b> ADI (Analog Devices, Inc.)	<b>AD9627ABCPZ-105</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP
					
<b>AD9630ANZ</b> ADI (Analog Devices, Inc.)	<b>AD9627ABCPZ-125</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP	<b>AD9627ABCPZ-80</b> Analog Devices Inc. IC ADC 12BIT 80MSPS 64LFCSP	<b>AD9628BCPZ-125</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP	<b>AD9627BCPZ-105</b> Analog Devices Inc. IC A/D 12BIT 105 MSPS DL 64LFCSP	<b>AD9630ARZ</b> ADI (Analog Devices, Inc.)
					
<b>AD9626BCPZ-250</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 56LFCSP	<b>AD9627BCPZ-125</b> Analog Devices Inc. IC A/D 12BIT 125 MSPS DL 64LFCSP	<b>AD9629BCPZ-20</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP	<b>AD9629BCPZ-40</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP	<b>AD9629BCPZ-65</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP	<b>AD9626BCPZ-170</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 56LFCSP

## 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.



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