

Image may be representation.  
See specifications for product details.



## AD9648BCPZRL7-105

Manufacturer Part Number	<b>AD9648BCPZRL7-105</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9648BCPZRL7-105
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 14BIT PIPELINED 64LFCSP
Package	64-VFQFN Exposed Pad, CSP
Data sheet	<b>AD9648.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9648BCPZRL7-105 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9648BCPZRL7-105 datasheet/specifications on AllelcoElec.com.  
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### Specifications

AD9648BCPZRL7-105 Tech Specifications  
AD9648BCPZRL7-105 - 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	14
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
Sampling Rate (Per Second)	105M	Features	Simultaneous Sampling
Reference Type	External, Internal	Data Interface	LVDS - Parallel, Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	64-VFQFN Exposed Pad, CSP	Base Product Number	AD9648
Package	Tape & Reel (TR)	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. AD9648BCPZRL7-105

Product Attribute				
Part Number	AD9648BCPZRL7-105	<b>AD9650BCPZ-80</b>	<b>AD9649BCPZ-65</b>	AD9648BCPZ-105
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Input Type	Differential	Differential	Differential, Single Ended	Differential
Package	Tape & Reel (TR)	Tray	Tray	Tray
Data Interface	LVDS - Parallel, Parallel	LVDS - Parallel, Parallel	Parallel	LVDS - Parallel, Parallel
Number of A/D Converters	2	2	1	2
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Sampling Rate (Per Second)	105M	80M	65M	105M
Number of Bits	14	16	14	14
Number of Inputs	2	2	1	2
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Digital	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Package / Case	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	32-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP
Supplier Device Package	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)	32-LFCSP-VQ (5x5)	64-LFCSP-VQ (9x9)
Voltage - Supply, Analog	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Features	Simultaneous Sampling	Simultaneous Sampling	-	Simultaneous Sampling
Series	-	-	-	-
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Base Product Number	AD9648	AD9650	AD9649	AD9648

### AD9648BCPZRL7-105 Datasheet PDF

Download AD9648BCPZRL7-105 pdf datasheets and Analog Devices Inc. documentation for AD9648BCPZRL7-105 - Analog Devices Inc..

#### Datasheets

[AD9648.pdf](#)

#### Other Related Documents

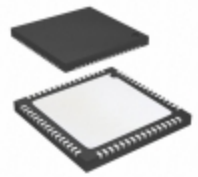
[Tape and Reel Packaging.pdf](#)



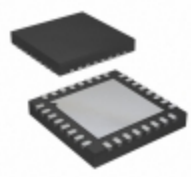
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## Customers Also Interested in

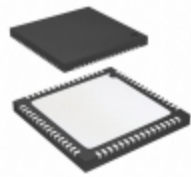
### Recommended Products



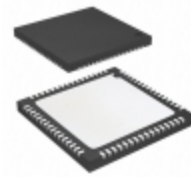
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Analog Devices Inc.  
IC ADC 16BIT PIPELINED 64LFCSP



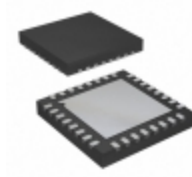
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Analog Devices Inc.  
IC ADC 14BIT PIPELINED 32LFCSP



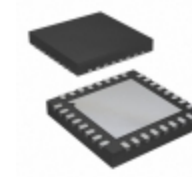
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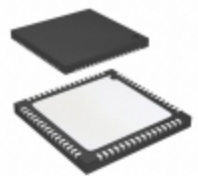
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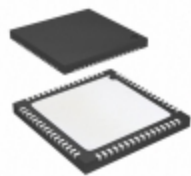
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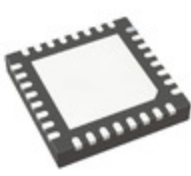
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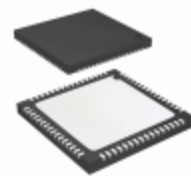
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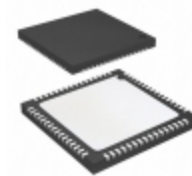
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Analog Devices Inc.  
IC ADC 16BIT PIPELINED 64LFCSP



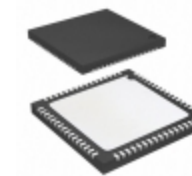
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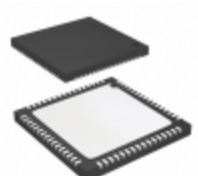
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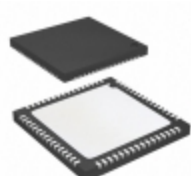
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Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



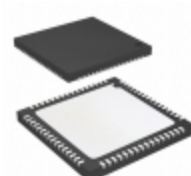
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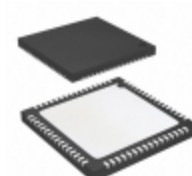
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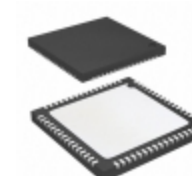
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Analog Devices Inc.  
IC ADC 14BIT PIPELINED 48LFCSP



**AD9643BCPZ-250**  
Analog Devices Inc.  
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**AD9648BCPZRL7-125**  
Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



**AD9650BCPZRL7-25**  
Analog Devices Inc.  
IC ADC 16BIT PIPELINED 64LFCSP

## 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

Contact us if you have any questions.

- Phone  
+00852 9146 4856
- Email  
info@allelco.com

### Certifications & Memberships



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### Contact us

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