

Image may be representation.  
See specifications for product details.



## AD9641BCPZ-80

Manufacturer Part Number	<b>AD9641BCPZ-80</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9641BCPZ-80
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 14BIT PIPELINED 32LFCSP
Package	32-WFQFN Exposed Pad, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9641BCPZ-80 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9641BCPZ-80 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD9641BCPZ-80, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

AD9641BCPZ-80 Tech Specifications

AD9641BCPZ-80 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	1
Voltage - Supply, Digital	1.7V ~ 1.9V	Number of Bits	14
Voltage - Supply, Analog	1.7V ~ 1.9V	Number of A/D Converters	1
Supplier Device Package	32-LFCSP (5x5)	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	80M	Features	-
Reference Type	Internal	Data Interface	JESD204A
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	32-WFQFN Exposed Pad, CSP	Base Product Number	AD9641
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. AD9641BCPZ-80

Product Attribute				
Part Number	AD9641BCPZ-80	AD9642BCPZ-170	AD9640ABCPZ-125	AD9640ABCPZ-105
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Features	-	-	Simultaneous Sampling	Simultaneous Sampling
Number of Bits	14	14	14	14
Number of A/D Converters	1	1	2	2
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Supplier Device Package	32-LFCSP (5x5)	32-LFCSP (5x5)	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)
Data Interface	JESD204A	LVDS - Parallel	Parallel	Parallel
Base Product Number	AD9641	AD9642	AD9640	AD9640
Reference Type	Internal	Internal	External, Internal	External, Internal
Voltage - Supply, Analog	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Inputs	1	1	2	2
Sampling Rate (Per Second)	80M	170M	125M	105M
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Package	Tray	Tray	Tray	Tray
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Series	-	-	-	-
Voltage - Supply, Digital	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Input Type	Differential	Differential	Differential, Single Ended	Differential, Single Ended
Package / Case	32-WFQFN Exposed Pad, CSP	32-WFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP

## AD9641BCPZ-80 Datasheet PDF

Download AD9641BCPZ-80 pdf datasheets and Analog Devices Inc. documentation for AD9641BCPZ-80 - Analog Devices Inc..

### Datasheets

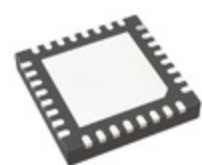
[Cylindrical Battery Holders.pdf](#)

### Other Related Documents

[What Is JESD204 and Why Should We Pay Attention to.pdf](#)

## Customers Also Interested in

### Recommended Products



**AD9642BCPZ-170**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 32LFCSP



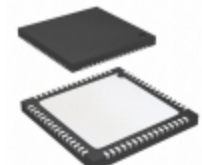
**AD9640ABCPZ-125**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



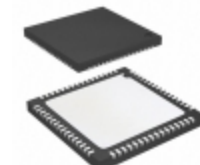
**AD9640ABCPZ-105**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



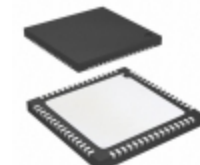
**AD9643BCPZ-250**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



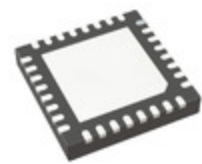
**AD9643BCPZ-170**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



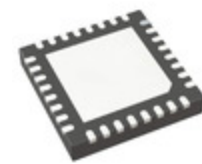
**AD9640ABCPZRL7-80**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



**AD9641BCPZ-155**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 32LFCSP



**AD9642BCPZ-250**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 32LFCSP



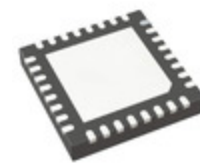
**AD9644BCPZ-80**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 48LFCSP



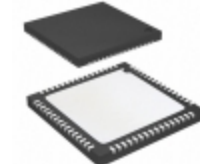
**AD9639BCPZ-125**

ADI (Analog Devices, Inc.)



**AD9642BCPZ-210**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 32LFCSP



**AD9643BCPZRL7-250**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



**AD9640BCPZ-105**

Analog Devices Inc.  
IC ADC 14BIT 105MSP 1.8V 64LFCSP



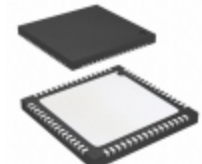
**AD9640ABCPZ-150**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



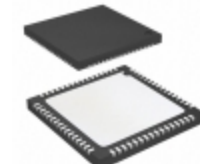
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Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



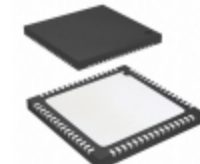
**AD9643BCPZ-210**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



**AD9643BCPZRL7-170**

Analog Devices Inc.  
IC ADC 14BIT PIPELINED 64LFCSP



**AD9643BCPZRL7-210**

Analog Devices Inc.  
IC ADC 14BIT 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 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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