

Image may be representation.  
See specifications for product details.



## AD9164BBCZ

Manufacturer Part Number	<b>AD9164BBCZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9164BBCZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 16BIT A-OUT 165CSPBGA
Package	165-VFBGA, CSPBGA
Data sheet	<b>AD9164.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9164BBCZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9164BBCZ datasheet/specifications on AllelcoElec.com. Request a quote for AD9164BBCZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD9164BBCZ Tech Specifications

AD9164BBCZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	1.14V ~ 1.326V	Number of D/A Converters	1
Voltage - Supply, Analog	1.14V ~ 1.326V, 2.375V ~ 2.625V	Number of Bits	16
Supplier Device Package	165-CSPBGA (8x8)	Mounting Type	Surface Mount
Settling Time	-	INL/DNL (LSB)	±2.7, ±1.7
Series	-	Differential Output	No
Reference Type	External, Internal	Data Interface	JESD204B
Package / Case	165-VFBGA, CSPBGA	Base Product Number	AD9164
Package	Tray	Architecture	Quad-Switch
Output Type	Current - Unbuffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD9164BBCZ

Product Attribute				
Part Number	AD9164BBCZ	<b>AD9162BBCZ</b>	<b>AD9164BBCA</b>	<b>AD9162BBCAZ</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	-	-	-	-
Data Interface	JESD204B	JESD204B	JESD204B	JESD204B
Package	Tray	Tray	Tray	Tray
Differential Output	No	No	No	No
Supplier Device Package	165-CSPBGA (8x8)	165-CSPBGA (8x8)	169-CSPBGA (11x11)	169-CSPBGA (11x11)
INL/DNL (LSB)	±2.7, ±1.7	±2.7, ±1.7	±2.7, ±1.7	±2.7, ±1.7
Voltage - Supply, Digital	1.14V ~ 1.326V	1.14V ~ 1.326V	1.14V ~ 1.326V	1.14V ~ 1.326V
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Package / Case	165-VFBGA, CSPBGA	165-VFBGA, CSPBGA	169-VFBGA, CSPBGA	169-VFBGA, CSPBGA
Number of D/A Converters	1	1	1	1
Voltage - Supply, Analog	1.14V ~ 1.326V, 2.375V ~ 2.625V	1.14V ~ 1.326V, 2.375V ~ 2.625V	1.14V ~ 1.326V, 2.375V ~ 2.625V	1.14V ~ 1.326V, 2.375V ~ 2.625V
Architecture	Quad-Switch	Quad-Switch	Quad-Switch	Quad-Switch
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Bits	16	16	16	16
Base Product Number	AD9164	AD9162	AD9164	AD9162
Settling Time	-	-	-	-

### AD9164BBCZ Datasheet PDF

Download AD9164BBCZ pdf datasheets and Analog Devices Inc. documentation for AD9164BBCZ - Analog Devices Inc..

#### Datasheets

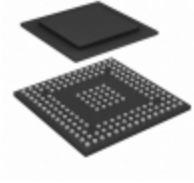
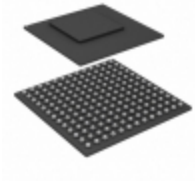
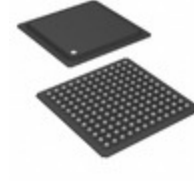
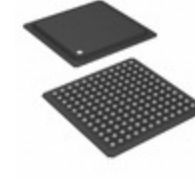
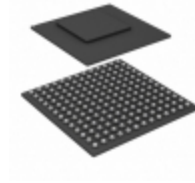
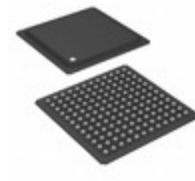
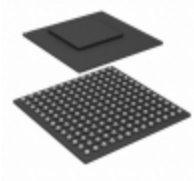
[AD9164.pdf](#)

#### PCN Design/Specification

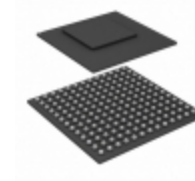
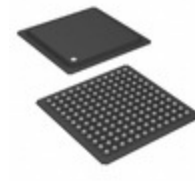
[AD916y Die Rev 30/Jan/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products

**AD9162-FMCPB-EBZ**Analog Devices Inc.  
EVAL BOARD FOR AD9162**AD9162BBCZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 169CSPBGA**AD9164BBCA**Analog Devices Inc.  
IC DAC 16BIT A-OUT 169CSPBGA**AD9174BBPZ**Analog Devices Inc.  
DUAL, 16-BIT, 12GSPS DAC**AD9176BBPZ**Analog Devices Inc.  
16-BIT 12GSPS RF DAC**AD9162BBCAZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 169CSPBGA**AD9175BBPZ**Analog Devices Inc.  
11-BIT 12GSPS RF DAC WITH 3GSPS**AD9162BBCA**Analog Devices Inc.  
IC DAC 16BIT A-OUT 169CSPBGA**AD9154**

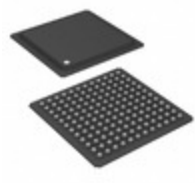
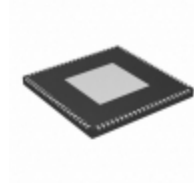
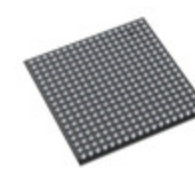
ADI (Analog Devices, Inc.)

**AD9177BBPZ**Analog Devices Inc.  
QUAD 16-BIT, 12GSPS RFDAC WITH D**AD9161BBCZ**Analog Devices Inc.  
IC DAC 11BIT A-OUT 169CSPBGA**AD9173BBPZ**Analog Devices Inc.  
DATA CONVERTER**AD9152XCPZ**

ADI (Analog Devices, Inc.)

**AD9154XCPZ**

ADI (Analog Devices, Inc.)

**AD9172BBPZ**Analog Devices Inc.  
IC DAC RF DUAL 16BIT 12GSPS 1500**AD9154BCPZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 88LFCSP**AD9166BBPZ**Analog Devices Inc.  
16-BIT 12GSPS RF DAC WITH INTEGR**AD9200ARS**Analog Devices Inc.  
IC ADC 10BIT PIPELINED 28SSOP

## 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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