



Image may be representation.  
See specifications for product details.



## AD9716BCPZRL7

Manufacturer Part Number	<b>AD9716BCPZRL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9716BCPZRL7
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT A-OUT 40LFCSP
Package	40-VFQFN Exposed Pad, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9716BCPZRL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9716BCPZRL7 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD9716BCPZRL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD9716BCPZRL7 Tech Specifications  
AD9716BCPZRL7 - 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	1.7V ~ 1.9V	Number of D/A Converters	2
Voltage - Supply, Analog	1.7V ~ 3.5V	Number of Bits	12
Supplier Device Package	40-LFCSP-VQ (6x6)	Mounting Type	Surface Mount
Settling Time	-	INL/DNL (LSB)	±0.4, ±0.4
Series	TxDAC®	Differential Output	Yes
Reference Type	External, Internal	Data Interface	Parallel
Package / Case	40-VFQFN Exposed Pad, CSP	Base Product Number	AD9716
Package	Tape & Reel (TR)	Architecture	Current Source
Output Type	Current - Unbuffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD9716BCPZRL7

Product Attribute				
Part Number	AD9716BCPZRL7	<b>AD9717BCPZRL7</b>	<b>AD9712BBN</b>	<b>AD9717BCPZ</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	40-VFQFN Exposed Pad, CSP	40-VFQFN Exposed Pad, CSP	28-DIP (0.600", 15.24mm)	40-VFQFN Exposed Pad, CSP
Data Interface	Parallel	Parallel	-	Parallel
Voltage - Supply, Digital	1.7V ~ 1.9V	1.7V ~ 1.9V	-	1.7V ~ 1.9V
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Voltage - Supply, Analog	1.7V ~ 3.5V	1.7V ~ 3.5V	-	1.7V ~ 3.5V
Series	TxDAC®	TxDAC®	AD9712B	TxDAC®
Number of Bits	12	14	12	14
Settling Time	-	-	27ns	-
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Buffered	Current - Unbuffered
Supplier Device Package	40-LFCSP-VQ (6x6)	40-LFCSP-VQ (6x6)	28-PDIP	40-LFCSP-VQ (6x6)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-25°C ~ 85°C	-40°C ~ 85°C
Architecture	Current Source	Current Source	Current Source, R-2R	Current Source
Base Product Number	AD9716	AD9717	-	AD9717
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
INL/DNL (LSB)	±0.4, ±0.4	±1.8, ±1.7	±1, ±1.25LSB	±1.8, ±1.7
Differential Output	Yes	Yes	No	Yes
Number of D/A Converters	2	2	1	2
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tray

### AD9716BCPZRL7 Datasheet PDF

Download AD9716BCPZRL7 pdf datasheets and Analog Devices Inc. documentation for AD9716BCPZRL7 - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents






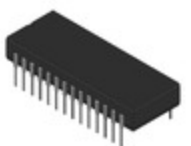












[Tape and Reel Packaging.pdf](#)

#### PCN Assembly/Origin

[Sawn Pkg - Assembly Trsf 22/Apr/2016.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>AD9721BR+</b> ADI (Analog Devices, Inc.)	 <b>AD9717BCPZRL7</b> Analog Devices Inc. IC DAC 14BIT A-OUT 40LFCSP	 <b>AD9721BR</b> ADI (Analog Devices, Inc.)	 <b>AD9720BR</b> ADI (Analog Devices, Inc.)	 <b>AD9721BRZ</b> ADI (Analog Devices, Inc.)	 <b>AD9712BBN</b> Analog Devices Inc. IC DAC 12BIT A-OUT 28DIP
 <b>AD9713BANZ</b> ADI (Analog Devices, Inc.)	 <b>AD9717BCPZ</b> Analog Devices Inc. IC DAC 14BIT A-OUT 40LFCSP	 <b>AD9716BCPZ</b> Analog Devices Inc. IC DAC 12BIT A-OUT 40LFCSP	 <b>AD9713JP</b> Analog Devices Inc. IC DAC 12BIT A-OUT 28PLCC	 <b>AD9713BBP</b> Analog Devices Inc. IC DAC 12BIT 100MSPS 28-PLCC	 <b>AD9721BN</b> Analog Devices Inc. IC DAC 10BIT A-OUT 28DIP
 <b>AD9713BAP</b> ADI (Analog Devices, Inc.)	 <b>AD9714BCPZ</b> Analog Devices Inc. IC DAC 8BIT A-OUT 40LFCSP	 <b>AD9721BR-REEL</b> Analog Devices Inc. IC DAC 10BIT A-OUT 28SOIC	 <b>AD9713BAP-REEL</b> ADI (Analog Devices, Inc.)	 <b>AD9720BN</b> Analog Devices Inc. IC DAC 10BIT A-OUT 28DIP	 <b>AD9713BAN</b> ADI (Analog Devices, Inc.)

## 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 -

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Contact us if you have any questions.

-  Phone  
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### Certifications & Memberships



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### Contact us

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