



Image may be representation.  
See specifications for product details.



## AD5316BRUZ-REEL7

Manufacturer Part Number	<b>AD5316BRUZ-REEL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5316BRUZ-REEL7
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 10BIT V-OUT 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD5316BRUZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5316BRUZ-REEL7 datasheet/specifications on AllelcoElec.com. Request a quote for AD5316BRUZ-REEL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5316BRUZ-REEL7 Tech Specifications  
AD5316BRUZ-REEL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 105°C
Voltage - Supply, Digital	2.5V ~ 5.5V	Number of D/A Converters	4
Voltage - Supply, Analog	2.5V ~ 5.5V	Number of Bits	10
Supplier Device Package	16-TSSOP	Mounting Type	Surface Mount
Settling Time	9µs	INL/DNL (LSB)	±0.5, ±0.05
Series	-	Differential Output	No
Reference Type	External	Data Interface	I <sup>2</sup> C
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Base Product Number	AD5316
Package	Tape & Reel (TR)	Architecture	String DAC
Output Type	Voltage - Buffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5316BRUZ-REEL7

Product Attribute				
Part Number	AD5316BRUZ-REEL7	<b>AD5316ARUZ</b>	<b>AD5317ARUZ-REEL7</b>	<b>AD5315ARM</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Architecture	String DAC	String DAC	String DAC	String DAC
INL/DNL (LSB)	±0.5, ±0.05	±0.5, ±0.05	±0.5, ±0.05	±0.5, ±0.05
Base Product Number	AD5316	AD5316	AD5317	AD5315
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Supplier Device Package	16-TSSOP	16-TSSOP	16-TSSOP	10-MSOP
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Package / Case	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)
Reference Type	External	External	External	External
Voltage - Supply, Analog	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Number of D/A Converters	4	4	4	4
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Data Interface	I <sup>2</sup> C	I <sup>2</sup> C	SPI, DSP	I <sup>2</sup> C
Differential Output	No	No	No	No
Number of Bits	10	10	10	10
Voltage - Supply, Digital	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Settling Time	9µs	9µs	9µs	9µs

### AD5316BRUZ-REEL7 Datasheet PDF

Download AD5316BRUZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for AD5316BRUZ-REEL7 - Analog Devices Inc..

#### Datasheets

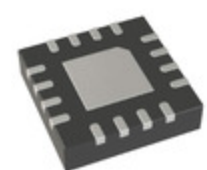
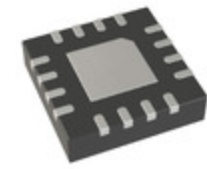
[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

### Customers Also Interested in

#### Recommended Products

**AD5316ARUZ**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5317ARUZ-REEL7**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5315ARM**Analog Devices Inc.  
IC DAC 10BIT V-OUT 10MSOP**AD5316RBCPZ-RL7**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16LFCSP**AD5315BRMZ**Analog Devices Inc.  
IC DAC 10BIT V-OUT 10MSOP**AD5316ARUZ-REEL7**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5316BRUZ**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5316BRU**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5317BRUZ**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5317BRUZ-REEL7**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5315BRMZ-REEL7**Analog Devices Inc.  
IC DAC 10BIT V-OUT 10MSOP**AD5315ARMZ**Analog Devices Inc.  
IC DAC 10BIT V-OUT 10MSOP**AD5317BRU-REEL**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5317ARUZ**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5316RBRUZ**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP**AD5315ARM-REEL7**Analog Devices Inc.  
IC DAC 10BIT V-OUT 10MSOP**AD5317RBCPZ-RL7**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16LFCSP**AD5317BRU**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16TSSOP

## 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 &amp; 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

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## Certifications & Memberships



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