

Image may be representation.
See specifications for product details.



AD5316RBCPZ-RL7

Manufacturer Part Number	AD5316RBCPZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5316RBCPZ-RL7
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 10BIT V-OUT 16LFCSP
Package	16-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5316RBCPZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5316RBCPZ-RL7 datasheet/specifications on AllelcoElec.com.
Request a quote for AD5316RBCPZ-RL7, please send us email: info@allelco.com

Specifications

AD5316RBCPZ-RL7 Tech Specifications
AD5316RBCPZ-RL7 - 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	2.7V ~ 5.5V	Number of D/A Converters	4
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	10
Supplier Device Package	16-LFCSP (3x3)	Mounting Type	Surface Mount
Settling Time	7µs	INL/DNL (LSB)	±0.12, ±0.5 (Max)
Series	nanoDAC®	Differential Output	No
Reference Type	External, Internal	Data Interface	I²C
Package / Case	16-WFQFN Exposed Pad, CSP	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. AD5316RBCPZ-RL7

Product Attribute				
Part Number	AD5316RBCPZ-RL7	AD5316ARUZ	AD5317RBCPZ-RL7	AD5317BRU-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Analog	2.7V ~ 5.5V	2.5V ~ 5.5V	2.7V ~ 5.5V	2.5V ~ 5.5V
Architecture	String DAC	String DAC	String DAC	String DAC
Number of Bits	10	10	10	10
Reference Type	External, Internal	External	External, Internal	External
Series	nanoDAC®	-	nanoDAC®	-
INL/DNL (LSB)	±0.12, ±0.5 (Max)	±0.5, ±0.05	±0.12, -	±0.5, ±0.05
Number of D/A Converters	4	4	4	4
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Voltage - Supply, Digital	2.7V ~ 5.5V	2.5V ~ 5.5V	2.7V ~ 5.5V	2.5V ~ 5.5V
Package / Case	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width)	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width)
Base Product Number	AD5316	AD5316	AD5317	AD5317
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Settling Time	7µs	9µs	7µs	9µs
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Differential Output	No	No	No	No
Data Interface	I²C	I²C	SPI	SPI, DSP
Supplier Device Package	16-LFCSP (3x3)	16-TSSOP	16-LFCSP (3x3)	16-TSSOP

AD5316RBCPZ-RL7 Datasheet PDF

Download AD5316RBCPZ-RL7 pdf datasheets and Analog Devices Inc. documentation for AD5316RBCPZ-RL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)


Other Related Documents

[Tape and Reel Packaging.pdf](#)

PCN Design/Specification

[AD5 08/Jul/2016.pdf](#)

[AD531x,AD568x,AD569x Datasheet Update 20/Jan/2014.pdf](#)

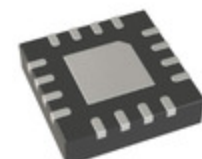
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Customers Also Interested in

Recommended Products



AD5316ARUZ
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5317RBCPZ-RL7
Analog Devices Inc.
IC DAC 10BIT V-OUT 16LFCSP



AD5317BRU-REEL
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5317ARUZ-REEL7
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5316BRUZ-REEL7
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5317BRUZ
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



AD5316BRUZ
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5317BRUZ-REEL7
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5315BRMZ
Analog Devices Inc.
IC DAC 10BIT V-OUT 10MSOP



AD5316BRUZ
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5318ARUZ
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5317ARUZ
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5317BRUZ
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5316BRU
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



AD5316ARUZ-REEL7
Analog Devices Inc.
IC DAC 10BIT V-OUT 16TSSOP



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 & 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
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Certifications & Memberships



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