

Image may be representation.
See specifications for product details.



AD5516ABCZ-1

Manufacturer Part Number	AD5516ABCZ-1
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5516ABCZ-1
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 74CSPBGA
Package	74-LBGA, CSPBGA
Data sheet	AD5516.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5516ABCZ-1 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5516ABCZ-1 datasheet/specifications on AllelcoElec.com.
Request a quote for AD5516ABCZ-1, please send us email: info@allelco.com

Specifications

AD5516ABCZ-1 Tech Specifications

AD5516ABCZ-1 - 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	2.7V ~ 5.25V	Number of D/A Converters	16
Voltage - Supply, Analog	±4.75V ~ 15.75V, 5V	Number of Bits	12
Supplier Device Package	74-CSPBGA (12x12)	Mounting Type	Surface Mount
Settling Time	32µs	INL/DNL (LSB)	±2 (Max), ±0.5
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI, DSP
Package / Case	74-LBGA, CSPBGA	Base Product Number	AD5516
Package	Tray	Architecture	String DAC
Output Type	Voltage - Unbuffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5516ABCZ-1

Product Attribute				
Part Number	AD5516ABCZ-1	AD5512AACPZ-500RL7	AD5504BRUZ	AD5516ABC-3
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Output Type	Voltage - Unbuffered	Voltage - Unbuffered	Voltage - Buffered	Voltage - Unbuffered
Series	-	-	-	-
Voltage - Supply, Digital	2.7V ~ 5.25V	2.7V ~ 5.5V	2.3V ~ 5.5V	2.7V ~ 5.25V
Operating Temperature	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 85°C
Package / Case	74-LBGA, CSPBGA	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width)	74-LBGA, CSPBGA
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
INL/DNL (LSB)	±2 (Max), ±0.5	±0.5, ±0.5	±3 (Max), ±1 (Max)	±2 (Max), ±0.5
Voltage - Supply, Analog	±4.75V ~ 15.75V, 5V	2.7V ~ 5.5V	10V ~ 62V	±4.75V ~ 15.75V, 5V
Differential Output	No	No	No	No
Settling Time	32µs	1µs (Typ)	55µs	36µs
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	74-CSPBGA (12x12)	16-LFCSP (3x3)	16-TSSOP	74-CSPBGA (12x12)
Architecture	String DAC	R-2R	String DAC	String DAC
Base Product Number	AD5516	AD5512	AD5504	AD5516
Package	Tray	Tape & Reel (TR)	Tube	Tray
Number of Bits	12	12	12	12
Number of D/A Converters	16	1	4	16
Reference Type	External	External	Internal	External

AD5516ABCZ-1 Datasheet PDF

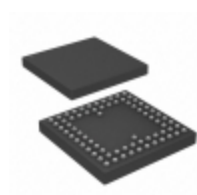
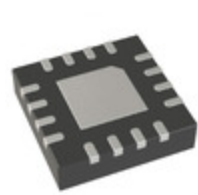
Download AD5516ABCZ-1 pdf datasheets and Analog Devices Inc. documentation for AD5516ABCZ-1 - Analog Devices Inc..

Datasheets

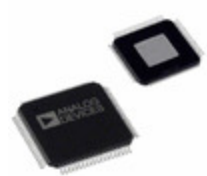
[AD5516.pdf](#)

Customers Also Interested in

Recommended Products



AD5522JSVDZ
Analog Devices Inc.
IC PPMU 80TQFP



AD5522JSVUZ
Analog Devices Inc.
IC PPMU 80TQFP

AD5512AAPZ-500RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP



AD5514ARZ
ADI (Analog Devices, Inc.)

AD5504BRUZ
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP



AD5504BRUZ-REEL
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP

AD5520JSTZ
Analog Devices Inc.
IC PPMU 64LQFP



AD5530BRU
Analog Devices Inc.
IC DAC 12BIT SRL IN/VOUT 16TSSOP

AD5520BST
ADI (Analog Devices, Inc.)

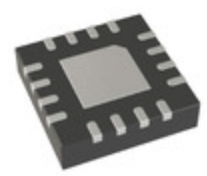


AD5512ACPZ
ADI (Analog Devices, Inc.)

AD5516ABC-3
Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA



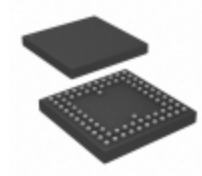
AD5521JST
ADI (Analog Devices, Inc.)



AD5512AAPZ-REEL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP



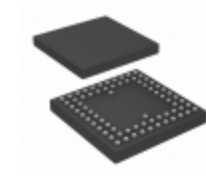
AD5501BRUZ
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP



AD5516ABCZ-3
Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA



AD5520JST
ADI (Analog Devices, Inc.)



AD5516ABC-1
Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA



AD5522JSVUZ-RL
Analog Devices Inc.
IC PPMU 80TQFP

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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