

Image may be representation.
See specifications for product details.



AD5516ABC-3

Manufacturer Part Number	AD5516ABC-3
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5516ABC-3
ECAD Model	PCB Footprint and Symbol
Parts Description	IC DAC 12BIT V-OUT 74CSPBGA
Package	74-LBGA, CSPBGA
Data sheet	AD5516.pdf

Get a Quote

AD5516ABC-3 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5516ABC-3 datasheet/specifications on AllelcoElec.com.
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Specifications

AD5516ABC-3 Tech Specifications
AD5516ABC-3 - 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	36µs	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. AD5516ABC-3

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

AD5516ABC-3 Datasheet PDF

Download AD5516ABC-3 pdf datasheets and Analog Devices Inc. documentation for AD5516ABC-3 - Analog Devices Inc..

Datasheets

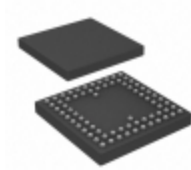
[AD5516.pdf](#)

PCN Obsolescence/ EOL

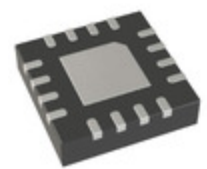
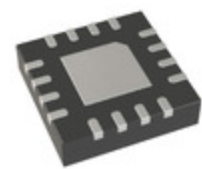
[Lead\(Pb\)- Bearing Dev OBS 19/Jun/2017.pdf](#)

Customers Also Interested in

Recommended Products

**AD5504BRUZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP**AD5516ABC-1**Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA**AD5504BRUZ-REEL**Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP**AD5522JSVUZ-RL**Analog Devices Inc.
IC PPMU 80TQFP**AD5514ARZ**

ADI (Analog Devices, Inc.)

**AD5520JSTZ**Analog Devices Inc.
IC PPMU 64LQFP**AD5512AACPZ-500RL7**Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP**AD5522JSVUZ**Analog Devices Inc.
IC PPMU 80TQFP**AD5512AACPZ-REEL7**Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP**AD5520JST**

ADI (Analog Devices, Inc.)

**AD5501BRUZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP**AD5521JST**

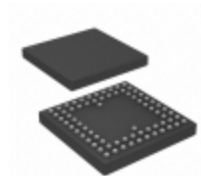
ADI (Analog Devices, Inc.)

**AD5522JSVDZ**Analog Devices Inc.
IC PPMU 80TQFP**AD5512ACPZ**

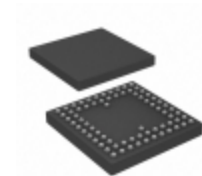
ADI (Analog Devices, Inc.)

**AD5520BST**

ADI (Analog Devices, Inc.)

**AD5516ABCZ-3**Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA**AD55010F**

ADI (Analog Devices, Inc.)

**AD5516ABCZ-1**Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA

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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