



Image may be representation.  
See specifications for product details.



## AD5545CRUZ

Manufacturer Part Number	<b>AD5545CRUZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5545CRUZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 16BIT A-OUT 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AD5545CRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5545CRUZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5545CRUZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5545CRUZ Tech Specifications

AD5545CRUZ - 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	5V	Number of D/A Converters	2
Voltage - Supply, Analog	5V	Number of Bits	16
Supplier Device Package	16-TSSOP	Mounting Type	Surface Mount
Settling Time	500ns (Typ)	INL/DNL (LSB)	±1 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Base Product Number	AD5545
Package	Tube	Architecture	R-2R
Output Type	Current - Unbuffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5545CRUZ

Product Attribute				
Part Number	AD5545CRUZ	AD5543BRZ	AD5552BRZ	AD5544ARS
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Number of D/A Converters	2	1	1	4
Package	Tube	Tube	Tube	Tube
Output Type	Current - Unbuffered	Current - Unbuffered	Voltage - Unbuffered	Current - Unbuffered
Base Product Number	AD5545	AD5543	AD5552	AD5544
Voltage - Supply, Analog	5V	5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Number of Bits	16	16	14	16
Settling Time	500ns (Typ)	500ns (Typ)	1µs	900ns (Typ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Interface	SPI	SPI	SPI	SPI
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±2 (Max), ±1 (Max)	±0.15, ±0.15	±2 (Max), ±1.5 (Max)
Supplier Device Package	16-TSSOP	8-SOIC	14-SOIC	28-SSOP
Architecture	R-2R	R-2R	R-2R	R-2R
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C
Package / Case	16-TSSOP (0.173', 4.40mm Width)	8-SOIC (0.154', 3.90mm Width)	14-SOIC (0.154', 3.90mm Width)	28-SSOP (0.209", 5.30mm Width)
Differential Output	No	No	No	No
Reference Type	External	External	External	External
Voltage - Supply, Digital	5V	5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Series	-	-	-	-

### AD5545CRUZ Datasheet PDF

Download AD5545CRUZ pdf datasheets and Analog Devices Inc. documentation for AD5545CRUZ - Analog Devices Inc..

#### Datasheets

Cylindrical Battery Holders.pdf

### Customers Also Interested in

#### Recommended Products



**AD5543BRZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 8SOIC**AD5546BRUZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 28TSSOP**AD5552BRZ**Analog Devices Inc.  
IC DAC 14BIT V-OUT 14SOIC**AD5551BRZ-REEL7**Analog Devices Inc.  
IC DAC 14BIT V-OUT 8SOIC**AD5544ARS**Analog Devices Inc.  
IC DAC 16BIT A-OUT 28SSOP**AD5551BRZ**Analog Devices Inc.  
IC DAC 14BIT V-OUT 8SOIC**AD5546CRUZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 28TSSOP**AD5543BRMZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 8MSOP**AD5545BRUZ-REEL7**Analog Devices Inc.  
IC DAC 16BIT A-OUT 16TSSOP**AD5545BRUZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 16TSSOP**AD5551BR**Analog Devices Inc.  
IC DAC 14BIT V-OUT 8SOIC**AD5544BRSZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 28SSOP**AD5544ARSZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 28SSOP**AD5547BRUZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 38TSSOP**AD5543BRMZ-REEL7**Analog Devices Inc.  
IC DAC 16BIT A-OUT 8MSOP**AD5546BRUZ-REEL7**Analog Devices Inc.  
IC DAC 16BIT A-OUT 28TSSOP**AD5543CRMZ**Analog Devices Inc.  
IC DAC 16BIT A-OUT 8MSOP**AD5543BRZ-REEL7**

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Email

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## Certifications & Memberships



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