

Image may be representation.
See specifications for product details.



AD5687BRUZ

Manufacturer Part Number	AD5687BRUZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5687BRUZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 12BIT V-OUT 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5687BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5687BRUZ datasheet/specifications on AllelcoElec.com.
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Specifications

AD5687BRUZ Tech Specifications
AD5687BRUZ - 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	1.8V ~ 5.5V	Number of D/A Converters	2
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	12
Supplier Device Package	16-TSSOP	Mounting Type	Surface Mount
Settling Time	7µs	INL/DNL (LSB)	±0.12, ±1 (Max)
Series	nanoDAC+®	Differential Output	No
Reference Type	External	Data Interface	SPI, DSP
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Base Product Number	AD5687
Package	Tube	Architecture	String DAC
Output Type	Voltage - Buffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5687BRUZ

Product Attribute				
Part Number	AD5687BRUZ	AD5686RBRUZ-RL7	AD5689RACPZ-RL7	AD5689BRUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Reference Type	External	External, Internal	External, Internal	External
Settling Time	7µs	8µs	8µs	8µs
Number of D/A Converters	2	4	2	2
Differential Output	No	No	No	No
Supplier Device Package	16-TSSOP	16-TSSOP	16-LFCSP (3x3)	16-TSSOP
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Voltage - Supply, Digital	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Series	nanoDAC+®	nanoDAC+®	nanoDAC+®	nanoDAC+®
Architecture	String DAC	String DAC	String DAC	String DAC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
INL/DNL (LSB)	±0.12, ±1 (Max)	±1, ±1 (Max)	±2, ±1 (Max)	±1, ±1 (Max)
Base Product Number	AD5687	AD5686	AD5689	AD5689
Number of Bits	12	16	16	16
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Package / Case	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173', 4.40mm Width)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube

AD5687BRUZ Datasheet PDF

Download AD5687BRUZ pdf datasheets and Analog Devices Inc. documentation for AD5687BRUZ - Analog Devices Inc..

Datasheets

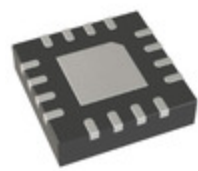
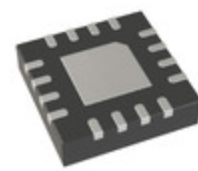
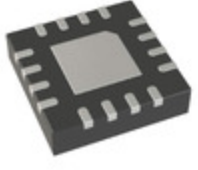
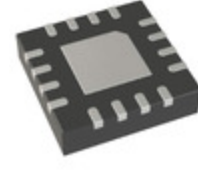
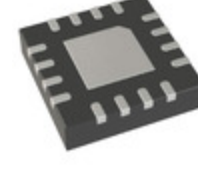
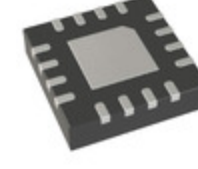
Cylindrical Battery Holders.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

**AD5686RBRUZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5689RACPZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16LFCSP**AD5689BRUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5686RACPZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16LFCSP**AD5689BRUZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5687RBRUZ-RL7**Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP**AD5687RBCPZ-RL7**Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP**AD5686BRUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5687RBRUZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP**AD5685RBCPZ-RL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 16LFCSP**AD5686RARUZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5686RARUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5689RARUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5686ARUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5687BRUZ-RL7**Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP**AD5686RBRUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP**AD5689BCPZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 16LFCSP**AD5687BCPZ-RL7**Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP

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



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com