

Image may be representation.
See specifications for product details.



AD5628BRUZ-1

Manufacturer Part Number	AD5628BRUZ-1
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5628BRUZ-1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 12BIT V-OUT 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	AD5628,48,68.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5628BRUZ-1 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5628BRUZ-1 datasheet/specifications on AllelcoElec.com.
Request a quote for AD5628BRUZ-1, please send us email: info@allelco.com

Specifications

AD5628BRUZ-1 Tech Specifications

AD5628BRUZ-1 - 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	8
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	12
Supplier Device Package	14-TSSOP	Mounting Type	Surface Mount
Settling Time	7µs	INL/DNL (LSB)	±0.5, ±0.25 (Max)
Series	denseDAC	Differential Output	No
Reference Type	External, Internal	Data Interface	SPI, DSP
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD5628
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. AD5628BRUZ-1

Product Attribute				
Part Number	AD5628BRUZ-1	AD5628BCBZ-1-RL7	AD5628ARUZ-2REEL7	AD5629RACPZ-2-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Package / Case	14-TSSOP (0.173", 4.40mm Width)	16-UFPGA, WLCSP	16-TSSOP (0.173", 4.40mm Width)	16-WQFN Exposed Pad, CSP
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	5V
Number of Bits	12	12	12	12
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
INL/DNL (LSB)	±0.5, ±0.25 (Max)	±0.5, ±0.25 (Max)	±0.5, ±0.25 (Max)	±0.5, ±0.25 (Max)
Series	denseDAC	denseDAC	denseDAC	denseDAC
Base Product Number	AD5628	AD5628	AD5628	AD5629
Settling Time	7µs	7µs	7µs	7µs
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	I²C
Number of D/A Converters	8	8	8	8
Supplier Device Package	14-TSSOP	16-WLCSP (2.61x2.61)	16-TSSOP	16-LFCSP-WQ (4x4)
Differential Output	No	No	No	No
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Architecture	String DAC	String DAC	String DAC	String DAC
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	5V

AD5628BRUZ-1 Datasheet PDF

Download AD5628BRUZ-1 pdf datasheets and Analog Devices Inc. documentation for AD5628BRUZ-1 - Analog Devices Inc..

Datasheets

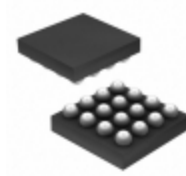
[AD5628,48,68.pdf](#)

PCN Design/Specification

[AD56x8 Resign 21/Dec/2010.pdf](#)

Customers Also Interested in

Recommended Products



AD5629RACPZ-2
ADI (Analog Devices, Inc.)

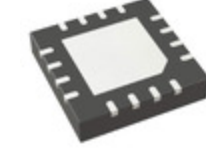
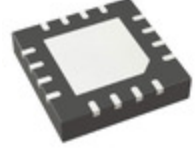
AD5629RACPZ
ADI (Analog Devices, Inc.)

AD5629RBCPZ-1
ADI (Analog Devices, Inc.)

AD5628BCBZ-1-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16WLCSP

AD5628BCPZ-2
ADI (Analog Devices, Inc.)

AD5629RACPZ-3
ADI (Analog Devices, Inc.)



AD5628ACPZ-1
ADI (Analog Devices, Inc.)

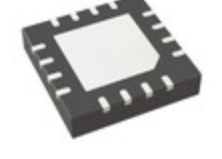
AD5628ARUZ-2REEL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP

AD5629RACPZ-2-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP

AD5628BRUZ-2REEL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP

AD5628ACPZ-2-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP

AD5629RARUZ-1
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP



AD5628BRUZ-1REEL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 14TSSOP

AD5628BRUZ-2
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP

AD5628ARUZ-2
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP

AD5628ACPZ-2
ADI (Analog Devices, Inc.)

AD5628BCPZ-1
ADI (Analog Devices, Inc.)

AD5628BCPZ-2-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

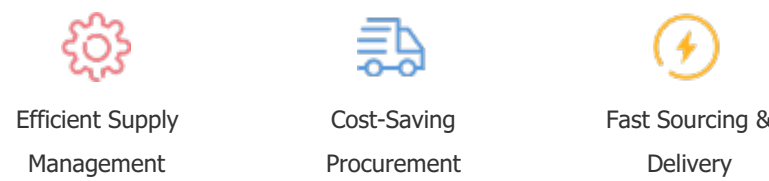
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

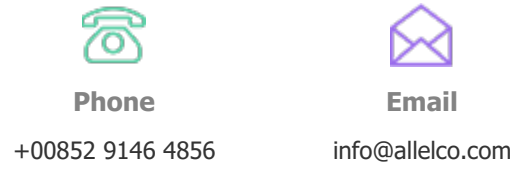
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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