

Image may be representation.
See specifications for product details.



AD5648BRUZ-1

Manufacturer Part Number	AD5648BRUZ-1
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5648BRUZ-1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 14BIT V-OUT 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	AD5628,48,68.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5648BRUZ-1 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5648BRUZ-1 datasheet/specifications on AllelcoElec.com.
Request a quote for AD5648BRUZ-1, please send us email: info@allelco.com

Specifications

AD5648BRUZ-1 Tech Specifications

AD5648BRUZ-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	14
Supplier Device Package	14-TSSOP	Mounting Type	Surface Mount
Settling Time	7µs	INL/DNL (LSB)	±2, ±0.5 (Max)
Series	nanoDAC®	Differential Output	No
Reference Type	External, Internal	Data Interface	SPI, DSP
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD5648
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. AD5648BRUZ-1

Product Attribute				
Part Number	AD5648BRUZ-1	AD5648ARUZ-2	AD565AJR	AD565AJRZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Differential Output	No	No	No	No
Package	Tube	Tube	Tube	Tube
Number of D/A Converters	8	8	1	1
Data Interface	SPI, DSP	SPI, DSP	Parallel	Parallel
INL/DNL (LSB)	±2, ±0.5 (Max)	±2, ±0.5 (Max)	±0.5, ±0.5	±0.5, ±0.5
Output Type	Voltage - Buffered	Voltage - Buffered	Current - Unbuffered	Current - Unbuffered
Number of Bits	14	14	12	12
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	14-TSSOP	16-TSSOP	28-SOIC	28-SOIC
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	-	-
Settling Time	7µs	7µs	400ns	400ns
Series	nanoDAC®	nanoDAC®	-	-
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Base Product Number	AD5648	AD5648	AD565A	AD565
Package / Case	14-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	28-SOIC (0.295', 7.50mm Width)	28-SOIC (0.295', 7.50mm Width)
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	0°C ~ 70°C	0°C ~ 70°C
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	±11.4V ~ 16.5V	±11.4V ~ 16.5V
Architecture	String DAC	String DAC	R-2R	R-2R

AD5648BRUZ-1 Datasheet PDF

Download AD5648BRUZ-1 pdf datasheets and Analog Devices Inc. documentation for AD5648BRUZ-1 - Analog Devices Inc..

Datasheets

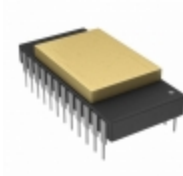
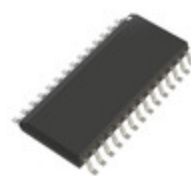
[AD5628,48,68.pdf](#)

PCN Design/Specification

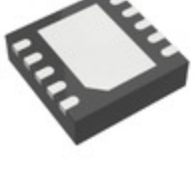
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Customers Also Interested in

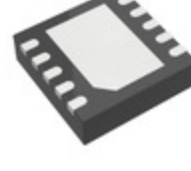
Recommended Products

**AD565ASD/883**

ADI (Analog Devices, Inc.)

AD5648ARUZ-2Analog Devices Inc.
IC DAC 14BIT V-OUT 16TSSOP**AD565AJR**Analog Devices Inc.
IC DAC 12BIT A-OUT 28SOIC**AD565AJRZ**Analog Devices Inc.
IC DAC 12BIT A-OUT 28SOIC**AD565ATD**Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP**AD565ASD**Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP**AD5645RBRUZ**Analog Devices Inc.
IC DAC 14BIT V-OUT 14TSSOP**AD565AJD**Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP**AD5647RBRMZ**Analog Devices Inc.
IC DAC 14BIT V-OUT 10MSOP**AD5648BRUZ-2**Analog Devices Inc.
IC DAC 14BIT V-OUT 16TSSOP**AD5648BRUZ-2REEL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 16TSSOP**AD5647RBCPZ-REEL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 10LFCSP**AD5645RBRUZ-REEL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 14TSSOP**AD5645RBCPZ-REEL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 10LFCSP**AD5647RBCPZ**

ADI (Analog Devices, Inc.)

**AD5645RBCPZ-R2**Analog Devices Inc.
IC DAC 14BIT V-OUT 10LFCSP**AD5644RBRMZ-5REEL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 10MSOP**AD565AKD**Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP

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

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