

Image may be representation.  
See specifications for product details.



## AD5625RBRUZ-1

Manufacturer Part Number	<b>AD5625RBRUZ-1</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5625RBRUZ-1
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>AD5625/45/65(R).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD5625RBRUZ-1 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5625RBRUZ-1 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5625RBRUZ-1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5625RBRUZ-1 Tech Specifications  
AD5625RBRUZ-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	4
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	12
Supplier Device Package	14-TSSOP	Mounting Type	Surface Mount
Settling Time	4.5µs	INL/DNL (LSB)	±0.5, ±0.25 (Max)
Series	nanoDAC®	Differential Output	No
Reference Type	External, Internal	Data Interface	I²C
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD5625
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. AD5625RBRUZ-1

Product Attribute				
Part Number	AD5625RBRUZ-1	AD5625BRUZ	AD5626BRMZ-REEL7	AD5627BCPZ-R2
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Settling Time	4.5µs	4.5µs	16µs (Typ)	4.5µs
Base Product Number	AD5625	AD5625	AD5626	AD5627
INL/DNL (LSB)	±0.5, ±0.25 (Max)	±1, ±1 (Max)	±0.25, ±0.75	±0.5, ±0.25 (Max)
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	5V	2.7V ~ 5.5V
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	5V	2.7V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Number of Bits	12	12	12	12
Supplier Device Package	14-TSSOP	14-TSSOP	8-MSOP	10-LFCSP-WD (3x3)
Differential Output	No	No	No	No
Number of D/A Converters	4	4	1	2
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-TSSOP (0.173", 4.40mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	10-VDFN Exposed Pad, CSP
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 85°C	-40°C ~ 105°C
Series	nanoDAC®	nanoDAC®	nanoDAC®	nanoDAC®
Data Interface	I²C	I²C	SPI, DSP	I²C
Architecture	String DAC	String DAC	R-2R	String DAC
Reference Type	External, Internal	External	Internal	External

### AD5625RBRUZ-1 Datasheet PDF

Download AD5625RBRUZ-1 pdf datasheets and Analog Devices Inc. documentation for AD5625RBRUZ-1 - Analog Devices Inc..

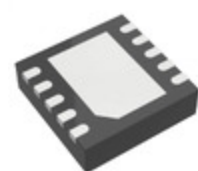
#### Datasheets

[AD5625/45/65\(R\).pdf](#)

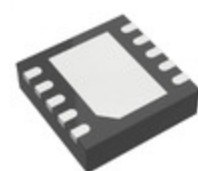
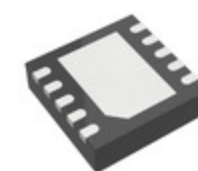
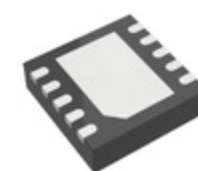
### Customers Also Interested in

#### Recommended Products



**AD5625BRUZ**Analog Devices Inc.  
IC DAC 12BIT V-OUT 14TSSOP**AD5625BCPZ-R2**Analog Devices Inc.  
IC DAC 12BIT V-OUT 10LFCSP**AD5626BRMZ-REEL7**Analog Devices Inc.  
IC DAC 12BIT V-OUT 8MSOP**AD5625RBCPZ**

ADI (Analog Devices, Inc.)

**AD5627BCPZ-R2**Analog Devices Inc.  
IC DAC 12BIT V-OUT 10LFCSP**AD5625BCPZ-REEL7**Analog Devices Inc.  
IC DAC 12BIT V-OUT 10LFCSP**AD5625RBRUZ-2**Analog Devices Inc.  
IC DAC 12BIT V-OUT 14TSSOP**AD5626BRMZ**Analog Devices Inc.  
IC DAC 12BIT V-OUT 8MSOP**AD5627BCPZ-REEL7**Analog Devices Inc.  
IC DAC 12BIT V-OUT 10LFCSP**AD5625RBCPZ-R2**Analog Devices Inc.  
IC DAC 12BIT V-OUT 10LFCSP**AD5625RBRUZ-1REEL7**Analog Devices Inc.  
IC DAC 12BIT V-OUT 14TSSOP**AD5625RACPZ-REEL7**Analog Devices Inc.  
IC DAC 12BIT V-OUT 10LFCSP**AD5625RACPZ**

ADI (Analog Devices, Inc.)

**AD5627BRMZ**Analog Devices Inc.  
IC DAC 12BIT V-OUT 10MSOP**AD5626BCPZ**

ADI (Analog Devices, Inc.)

**AD5625RBCPZ-REEL7**Analog Devices Inc.  
IC DAC 12BIT V-OUT 10LFCSP**AD5625RBRUZ**

ADI (Analog Devices, Inc.)

**AD5625RBCP-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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### Certifications & Memberships



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