



Image may be representation.  
See specifications for product details.



## AD7994BRUZ-1

Manufacturer Part Number	<b>AD7994BRUZ-1</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7994BRUZ-1
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD7994BRUZ-1 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7994BRUZ-1 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7994BRUZ-1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7994BRUZ-1 Tech Specifications

AD7994BRUZ-1 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	4
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of Bits	12
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of A/D Converters	1
Supplier Device Package	16-TSSOP	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	188k	Features	-
Reference Type	External	Data Interface	I <sup>2</sup> C
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Base Product Number	AD7994
Package	Tube	Architecture	SAR
Operating Temperature	-40°C ~ 125°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7994BRUZ-1

Product Attribute				
Part Number	AD7994BRUZ-1	AD7994BRUZ-0	AD7994BRU-1	AD7995YR1Z-1RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Inputs	4	4	-	3, 4
Input Type	Single Ended	Single Ended	-	Single Ended
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tube	Tube	Tape & Reel (TR)
Ratio - S/H:ADC	1:1	1:1	-	1:1
Base Product Number	AD7994	AD7994	AD7994	AD7995
Features	-	-	-	-
Sampling Rate (Per Second)	188k	188k	188k	140k
Supplier Device Package	16-TSSOP	16-TSSOP	16-TSSOP	SOT-23-8
Architecture	SAR	SAR	-	SAR
Number of A/D Converters	1	1	1	1
Package / Case	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	SOT-23-8
Number of Bits	12	12	12	10
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	-	MUX-S/H-ADC
Data Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	-	2.7V ~ 5.5V
Reference Type	External	External	-	External
Series	-	-	-	-
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	-	2.7V ~ 5.5V

### AD7994BRUZ-1 Datasheet PDF

Download AD7994BRUZ-1 pdf datasheets and Analog Devices Inc. documentation for AD7994BRUZ-1 - Analog Devices Inc..

#### Datasheets

Cylindrical Battery Holders.pdf

### Customers Also Interested in

#### Recommended Products

**AD7994BRUZ-0**Analog Devices Inc.  
IC ADC 12BIT SAR 16TSSOP**AD7994BRU-1**Analog Devices Inc.  
IC ADC 12BIT 4CHAN 12C 16TSSOP**AD7997BRUZ**

ADI (Analog Devices, Inc.)

**AD7992BRMZ-OREEL**

ADI (Analog Devices, Inc.)

**AD7995YRJZ-1RL**Analog Devices Inc.  
IC ADC 10BIT SAR SOT23-8**AD7992BRMZ-1REEL**Analog Devices Inc.  
IC ADC 12BIT SAR 10MSOP**AD7994BRUZ-1REEL**Analog Devices Inc.  
IC ADC 12BIT SAR 16TSSOP**AD7993BRUZ-0REEL**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD7993BRUZ-1**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD7997BRUZ-0REEK**

ADI (Analog Devices, Inc.)

**AD7993BRUZ-0**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD7995YRJZ-0500RL7**Analog Devices Inc.  
IC ADC 10BIT SAR SOT23-8**AD7997BRUZ-0REEL**Analog Devices Inc.  
IC ADC 10BIT SAR 20TSSOP**AD7997BRUZ-0**Analog Devices Inc.  
IC ADC 10BIT SAR 20TSSOP**AD7997BRUZ-1**Analog Devices Inc.  
IC ADC 10BIT SAR 20TSSOP**AD7993BRU-0**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD7995ARJZ-0RL**Analog Devices Inc.  
IC ADC 10BIT SAR SOT23-8**AD7993BRUZ**

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 Alleco 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@alleco.com

## Certifications & Memberships



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