



Image may be representation.  
See specifications for product details.



## AD7992BRMZ-1REEL

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>AD7992BRMZ-1REEL</b>                  |
| Manufacturer             | <b>Analog Devices, Inc.</b>              |
| Allelco Part Number      | 32D-AD7992BRMZ-1REEL                     |
| ECAD Model               | PCB Symbol, Footprint & 3D Model         |
| Parts Description        | IC ADC 12BIT SAR 10MSOP                  |
| Package                  | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) |
| Data sheet               | <b>AD7992.pdf</b>                        |
| RoHs Status              | <b>ROHS3 Compliant</b>                   |

**Get a Quote**

AD7992BRMZ-1REEL - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7992BRMZ-1REEL datasheet/specifications on AllelcoElec.com. Request a quote for AD7992BRMZ-1REEL, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7992BRMZ-1REEL Tech Specifications  
AD7992BRMZ-1REEL - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute          | Attribute Value                          | Product Attribute        | Attribute Value  |
|----------------------------|--|--------------------------|------------------|
| Manufacturer               | Analog Devices, Inc.                     | Number of Inputs         | 2                |
| 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    | 10-MSOP                                  | Mounting Type            | Surface Mount    |
| Series                     | -  | Input Type               | Single Ended     |
| Sampling Rate (Per Second) | 79k                                      | Features                 | -                |
| Reference Type             | External                                 | Data Interface           | I <sup>2</sup> C |
| Ratio - S/H:ADC            | 1:1                                      | Configuration            | MUX-S/H-ADC      |
| Package / Case             | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) | Base Product Number      | AD7992           |
| Package                    | Tape & Reel (TR)                         | 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. AD7992BRMZ-1REEL

| Product Attribute          |  |                                 |                                 |  |
|----------------------------|--|---------------------------------|---------------------------------|--|
| Part Number                | AD7992BRMZ-1REEL                         | AD7993BRUZ-0                    | AD7993BRU-0                     | AD7992BRMZ-0REEL                         |
| Manufacturer               | Analog Devices Inc.                      | Analog Devices Inc.             | Analog Devices Inc.             | Analog Devices Inc.                      |
| Number of A/D Converters   | 1  | 1                               | 1                               | 1  |
| Data Interface             | I <sup>2</sup> C                         | I <sup>2</sup> C                | I <sup>2</sup> C                | I <sup>2</sup> C                         |
| Architecture               | SAR                                      | SAR                             | SAR                             | SAR                                      |
| Number of Bits             | 12                                       | 10                              | 10                              | 12                                       |
| Base Product Number        | AD7992                                   | AD7993                          | AD7993                          | AD7992                                   |
| Package                    | Tape & Reel (TR)                         | Tube                            | Tube                            | Tape & Reel (TR)                         |
| Input Type                 | Single Ended                             | Single Ended                    | Single Ended                    | Single Ended                             |
| Operating Temperature      | -40°C ~ 125°C                            | -40°C ~ 125°C                   | -40°C ~ 125°C                   | -40°C ~ 125°C                            |
| Number of Inputs           | 2  | 4                               | 4                               | 2  |
| Supplier Device Package    | 10-MSOP                                  | 16-TSSOP                        | 16-TSSOP                        | 10-MSOP                                  |
| Reference Type             | External                                 | External                        | External                        | External                                 |
| Sampling Rate (Per Second) | 79k                                      | 188k                            | 188k                            | 79k                                      |
| Voltage - Supply, Digital  | 2.7V ~ 5.5V                              | 2.7V ~ 5.5V                     | 2.7V ~ 5.5V                     | 2.7V ~ 5.5V                              |
| Features                   | -  | -                               | -                               | -  |
| Package / Case             | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) | 16-TSSOP (0.173", 4.40mm Width) | 16-TSSOP (0.173", 4.40mm Width) | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) |
| Mounting Type              | Surface Mount                            | Surface Mount                   | Surface Mount                   | Surface Mount                            |
| Series                     | -  | -                               | -                               | -  |
| Configuration              | MUX-S/H-ADC                              | MUX-S/H-ADC                     | MUX-S/H-ADC                     | MUX-S/H-ADC                              |
| Voltage - Supply, Analog   | 2.7V ~ 5.5V                              | 2.7V ~ 5.5V                     | 2.7V ~ 5.5V                     | 2.7V ~ 5.5V                              |
| Ratio - S/H:ADC            | 1:1                                      | 1:1                             | 1:1                             | 1:1                                      |

### AD7992BRMZ-1REEL Datasheet PDF

Download AD7992BRMZ-1REEL pdf datasheets and Analog Devices Inc. documentation for AD7992BRMZ-1REEL - Analog Devices Inc..

#### Datasheets

AD7992.pdf

### Customers Also Interested in

#### Recommended Products

**AD7992BRMZ-0REEL**

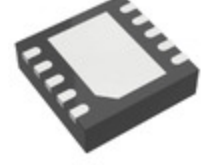
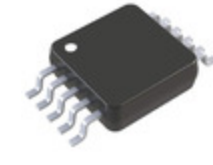
ADI (Analog Devices, Inc.)

**AD7993BRUZ-0**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD7992BR**

ADI (Analog Devices, Inc.)

**AD7993BRU-0**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD7989BRMZ**

ADI (Analog Devices, Inc.)

**AD7992BRMZ-0REEL**Analog Devices Inc.  
IC ADC 12BIT SAR 10MSOP**AD7993BRUZ-0REEL**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD7989-5BCPZ-RL7**Analog Devices Inc.  
IC ADC 18BIT SAR 10LFCSP**AD7994BRUZ-1**Analog Devices Inc.  
IC ADC 12BIT SAR 16TSSOP**AD7989-1BRMZ**Analog Devices Inc.  
IC ADC 18BIT SAR 10MSOP**AD7989-5BRMZ**Analog Devices Inc.  
IC ADC 18BIT SAR 10MSOP**AD7994BRUZ-0**Analog Devices Inc.  
IC ADC 12BIT SAR 16TSSOP**AD7992BRMZ-1**Analog Devices Inc.  
IC ADC 12BIT SAR 10MSOP**AD7991YRJZ-0500RL7**Analog Devices Inc.  
IC ADC 12BIT SAR SOT23-8**AD7993BRUZ-1**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD7994BRU-1**Analog Devices Inc.  
IC ADC 12BIT 4CHAN I2C 16TSSOP**AD7992BRMZ-0**Analog Devices Inc.  
IC ADC 12BIT SAR 10MSOP**AD7991YRJZ-1500RL7**Analog Devices Inc.  
IC ADC 12BIT SAR SOT23-8

## 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           |

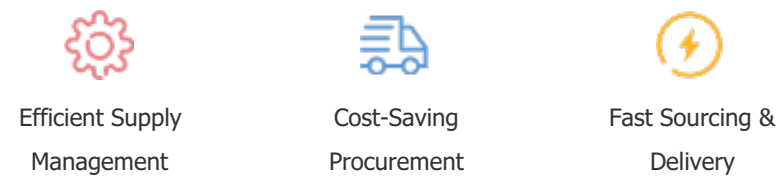
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

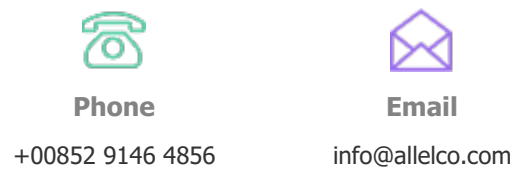
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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### Contact us

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