

Image may be representation.  
See specifications for product details.



## AD7767BRUZ-1

Manufacturer Part Number	<b>AD7767BRUZ-1</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7767BRUZ-1
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 24BIT SAR 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>AD7767 Series.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD7767BRUZ-1 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7767BRUZ-1 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7767BRUZ-1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7767BRUZ-1 Tech Specifications

AD7767BRUZ-1 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	1
Voltage - Supply, Digital	2.5V	Number of Bits	24
Voltage - Supply, Analog	2.5V	Number of A/D Converters	1
Supplier Device Package	16-TSSOP	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	64k	Features	-
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	-	Configuration	ADC
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD7767
Package	Tube	Architecture	SAR
Operating Temperature	-40°C ~ 105°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7767BRUZ-1

Product Attribute				
Part Number	AD7767BRUZ-1	AD7766BRUZ-RL7	AD7762BSVZ	AD7764BRUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Digital	2.5V	2.5V	2.5V	2.5V
Architecture	SAR	SAR	Sigma-Delta	Sigma-Delta
Package	Tube	Tape & Reel (TR)	Tray	Tube
Data Interface	SPI	SPI	Parallel	SPI
Reference Type	External	External	External	External
Base Product Number	AD7767	AD7766	AD7762	AD7764
Series	-	-	-	-
Input Type	Differential	Differential	Differential	Differential
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Inputs	1	1	1	1
Features	-	-	-	-
Ratio - S/H:ADC	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of A/D Converters	1	1	1	1
Number of Bits	24	24	24	24
Configuration	ADC	ADC	ADC	ADC
Supplier Device Package	16-TSSOP	16-TSSOP	64-TQFP-EP (10x10)	28-TSSOP
Voltage - Supply, Analog	2.5V	2.5V	2.5V, 3.15V ~ 5.25V	2.5V, 5V
Package / Case	16-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	64-TQFP Exposed Pad	28-TSSOP (0.173", 4.40mm Width)
Sampling Rate (Per Second)	64k	128k	625k	312k

### AD7767BRUZ-1 Datasheet PDF

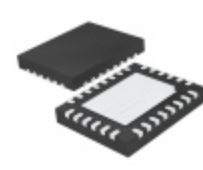
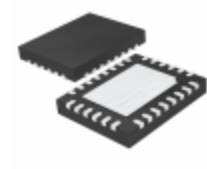
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#### Datasheets

AD7767 Series.pdf

### Customers Also Interested in

#### Recommended Products

**AD7766BRUZ-RL7**Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP**AD7762BSVZ**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64TQFP**AD7764BRUZ**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 28TSSOP**AD7768-1BCPZ**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 28LFCSP**AD7768-4BSTZ**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LQFP**AD7766BRUZ**Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP**AD7768-4BSTZ-RL7**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LQFP**AD7767BRUZ-2-RL7**Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP**AD7768BSTZ**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LQFP**AD7767BRUZ**Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP**AD7768BSTZ-RL**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LQFP**AD7767BRUZ-1-RL7**Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP**AD7767BRUZ-2**Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP**AD7768-1BCPZ-RL7**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 28LFCSP**AD7766BRUZ-2**Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP**AD7764BRUZ-REEL7**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 28TSSOP**AD7766BRUZ-2-RL7**Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP**AD7767BRUZ-RL7**Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP

## 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  
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## Certifications & Memberships



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