



Image may be representation.  
See specifications for product details.



## AD7707BRU

Manufacturer Part Number	<b>AD7707BRU</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7707BRU
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 16BIT SIGMA-DELTA 20TSSOP
Package	20-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>20-TSSOP Pkg Drawing.pdf</b> <b>AD7707.pdf</b>

**Get a Quote**

AD7707BRU - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7707BRU datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7707BRU, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7707BRU Tech Specifications  
AD7707BRU - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	1, 2
Voltage - Supply, Digital	2.7V ~ 3.3V, 5V	Number of Bits	16
Voltage - Supply, Analog	2.7V ~ 3.3V, 5V	Number of A/D Converters	1
Supplier Device Package	20-TSSOP	Mounting Type	Surface Mount
Series	-	Input Type	Pseudo-Differential, Single Ended
Sampling Rate (Per Second)	500	Features	PGA
Reference Type	External	Data Interface	SPI, DSP
Ratio - S/H:ADC	-	Configuration	MUX-PGA-ADC
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD7707
Package	Tube	Architecture	Sigma-Delta
Operating Temperature	-40°C ~ 85°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7707BRU

Product Attribute				
Part Number	AD7707BRU	AD7708BRZ	AD7706BNZ	AD7706BRZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Number of Inputs	1, 2	4, 8	3	3
Sampling Rate (Per Second)	500	1.37k	500	500
Number of A/D Converters	1	1	1	1
Reference Type	External	External	External	External
Number of Bits	16	16	16	16
Package / Case	20-TSSOP (0.173", 4.40mm Width)	28-SOIC (0.295", 7.50mm Width)	16-DIP (0.300", 7.62mm)	16-SOIC (0.295", 7.50mm Width)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Ratio - S/H:ADC	-	-	-	-
Series	-	-	-	-
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Supplier Device Package	20-TSSOP	28-SOIC	16-PDIP	16-SOIC
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Base Product Number	AD7707	AD7708	AD7706	AD7706
Input Type	Pseudo-Differential, Single Ended	Differential, Pseudo-Differential, Single Ended	Pseudo-Differential	Pseudo-Differential
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Features	PGA	PGA	PGA	PGA
Voltage - Supply, Analog	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V
Configuration	MUX-PGA-ADC	MUX-PGA-ADC	MUX-PGA-ADC	MUX-PGA-ADC
Voltage - Supply, Digital	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V

### AD7707BRU Datasheet PDF

Download AD7707BRU pdf datasheets and Analog Devices Inc. documentation for AD7707BRU - Analog Devices Inc..

#### Datasheets

20-TSSOP Pkg Drawing.pdf



















AD7707.pdf

#### PCN Obsolescence/ EOL

EOL Lead (Pb)-Bearing 07/Oct/2016.pdf

## Customers Also Interested in

### Recommended Products

 <b>AD7708BRZ</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 28SOIC	 <b>AD7706BNZ</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16DIP	 <b>AD7706BRZ-REEL</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC	 <b>AD7709ARU</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 24TSSOP	 <b>AD7708BRZ-REEL7</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 28SOIC	 <b>AD7705BRZ-REEL</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC
 <b>AD7707BR</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 20SOIC	 <b>AD7707BRUZ</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 20TSSOP	 <b>AD7708BRU</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 28TSSOP	 <b>AD7707BRZ</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 20SOIC	 <b>AD7706BRZ</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC	 <b>AD7705BRZ-REEL7</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC
 <b>AD7706BRUZ</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16TSSOP	 <b>AD7708BRZ-REEL</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 28SOIC	 <b>AD7708BRUZ-REEL</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 28TSSOP	 <b>AD7706BR</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC	 <b>AD7708BRUZ</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 28TSSOP	 <b>AD7708BRUZ-REEL7</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 28TSSOP

## 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

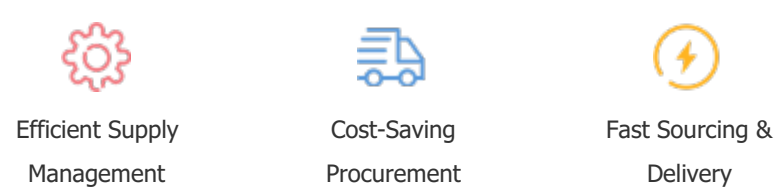
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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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