



Image may be representation.  
See specifications for product details.



## AD7731BRU

Manufacturer Part Number	<b>AD7731BRU</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7731BRU
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 24BIT SIGMA-DELTA 24TSSOP
Package	24-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>AD7731.pdf</b>

**Get a Quote**

AD7731BRU - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7731BRU datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7731BRU, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7731BRU Tech Specifications  
AD7731BRU - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	3, 5
Voltage - Supply, Digital	5V	Number of Bits	24
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	24-TSSOP	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	6.4k	Features	PGA
Reference Type	External	Data Interface	SPI, DSP
Ratio - S/H:ADC	-	Configuration	MUX-PGA-ADC
Package / Case	24-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD7731
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. AD7731BRU

Product Attribute				
Part Number	AD7731BRU	AD7731BRUZ	AD7732BRUZ	AD7732BRUZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 105°C	-40°C ~ 105°C
Sampling Rate (Per Second)	6.4k	6.4k	15.4k	15.4k
Supplier Device Package	24-TSSOP	24-TSSOP	28-TSSOP	28-TSSOP
Voltage - Supply, Analog	5V	5V	5V	5V
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Base Product Number	AD7731	AD7731	AD7732	AD7732
Ratio - S/H:ADC	-	-	-	-
Number of A/D Converters	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Digital	5V	5V	2.7V ~ 3.6V, 5V	2.7V ~ 3.6V, 5V
Configuration	MUX-PGA-ADC	MUX-PGA-ADC	MUX-ADC	MUX-ADC
Package / Case	24-TSSOP (0.173", 4.40mm Width)	24-TSSOP (0.173", 4.40mm Width)	28-TSSOP (0.173", 4.40mm Width)	28-TSSOP (0.173", 4.40mm Width)
Features	PGA	PGA	-	-
Input Type	Differential	Differential	Differential	Differential
Series	-	-	-	-
Reference Type	External	External	External	External
Package	Tube	Tube	Tube	Tape & Reel (TR)
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Number of Bits	24	24	24	24
Number of Inputs	3, 5	3, 5	2	2

### AD7731BRU Datasheet PDF

Download AD7731BRU pdf datasheets and Analog Devices Inc. documentation for AD7731BRU - Analog Devices Inc..

#### Datasheets

AD7731.pdf

#### PCN Obsolescence/ EOL

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

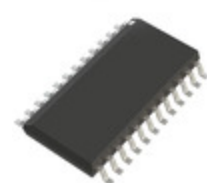
## Customers Also Interested in

### Recommended Products



#### AD7730BRZ

Analog Devices Inc.  
IC AFE 1 CHAN 24BIT 24SOIC



#### AD7730BRZ-REEL

Analog Devices Inc.  
IC AFE 1 CHAN 24BIT 24SOIC



#### AD7730BR

Analog Devices Inc.  
IC AFE 1 CHAN 24BIT 24SOIC



#### AD7731BRUZ

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 24TSSOP



#### AD7730BRUZ-REEL7

Analog Devices Inc.  
IC AFE 1 CHAN 24BIT 24TSSOP



#### AD7732BRUZ

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 28TSSOP



#### AD7730BRU-REEL

Analog Devices Inc.  
IC AFE 1 CHAN 24BIT 24TSSOP



#### AD7732BRUZ-REEL

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 28TSSOP



#### AD7731BRZ-REEL

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 24SOIC



#### AD7732BRU

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 28TSSOP



#### AD7731BN

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 24DIP



#### AD7731BR

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 24SOIC



#### AD7732BRUZ-REEL7

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 28TSSOP



#### AD7731BRZ-REEL7

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 24SOIC



#### AD7731BRUZ-REEL7

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 24TSSOP



#### AD7730BRZ-REEL7

Analog Devices Inc.  
IC AFE 1 CHAN 24BIT 24SOIC



#### AD7730BRU

Analog Devices Inc.  
IC AFE 1 CHAN 24BIT 24TSSOP



#### AD7730BRUZ

Analog Devices Inc.  
IC AFE 1 CHAN 24BIT 24TSSOP

## 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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Email

info@allelco.com

### Certifications & Memberships



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