



Image may be representation.
See specifications for product details.



AD7705BRU

Manufacturer Part Number	AD7705BRU
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7705BRU
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 16BIT SIGMA-DELTA 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

AD7705BRU - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7705BRU datasheet/specifications on AllelcoElec.com.
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Specifications

AD7705BRU Tech Specifications
AD7705BRU - 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 ~ 3.3V, 5V	Number of Bits	16
Voltage - Supply, Analog	2.7V ~ 3.3V, 5V	Number of A/D Converters	1
Supplier Device Package	16-TSSOP	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	500	Features	PGA
Reference Type	External	Data Interface	SPI, DSP
Ratio - S/H:ADC	-	Configuration	MUX-PGA-ADC
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Base Product Number	AD7705
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. AD7705BRU

Product Attribute				
Part Number	AD7705BRU	AD7705BRUZ-REEL7	AD7705BRUZ	AD7703BNZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Input Type	Differential	Differential	Differential	Single Ended
Number of A/D Converters	1	1	1	1
Package	Tube	Tape & Reel (TR)	Tube	Tube
Number of Bits	16	16	16	20
Configuration	MUX-PGA-ADC	MUX-PGA-ADC	MUX-PGA-ADC	S/H-ADC
Series	-	-	-	-
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI
Base Product Number	AD7705	AD7705	AD7705	AD7703
Number of Inputs	2	2	2	1
Sampling Rate (Per Second)	500	500	500	4k
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Voltage - Supply, Digital	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	5V
Voltage - Supply, Analog	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	5V
Ratio - S/H:ADC	-	-	-	1:1
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package / Case	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	20-DIP (0.300', 7.62mm)
Reference Type	External	External	External	External
Supplier Device Package	16-TSSOP	16-TSSOP	16-TSSOP	20-PDIP
Features	PGA	PGA	PGA	-

AD7705BRU Datasheet PDF

Download AD7705BRU pdf datasheets and Analog Devices Inc. documentation for AD7705BRU - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

**AD7705BRUZ-REEL7**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16TSSOP**AD7705BRUZ**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16TSSOP**AD7703BNZ**Analog Devices Inc.
IC ADC 20BIT SIGMA-DELTA 20DIP**AD7705BRZ-REEL**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16SOIC**AD7703CNZ**Analog Devices Inc.
IC ADC 20BIT SIGMA-DELTA 20DIP**AD7703CN**Analog Devices Inc.
IC ADC 20BIT LC2MOS MONO 20-DIP**AD7705BRZ**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16SOIC**AD7703BRZ**Analog Devices Inc.
IC ADC 20BIT SIGMA-DELTA 20SOIC**AD7705BNZ**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16DIP**AD7706BNZ**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16DIP**AD7706BR**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16SOIC**AD7705BN**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16DIP**AD7705BR**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16SOIC**AD7703CRZ**Analog Devices Inc.
IC ADC 20BIT SIGMA-DELTA 20SOIC**AD7705BRUZ-REEL**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16TSSOP**AD7706BN**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16DIP**AD7705BRZ-REEL7**Analog Devices Inc.
IC ADC 16BIT SIGMA-DELTA 16SOIC**AD7703BR**Analog Devices Inc.
IC ADC 20BIT SIGMA-DELTA 20SOIC

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.



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+00852 9146 4856



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