



Image may be representation.
See specifications for product details.



AD7705BR

Manufacturer Part Number	AD7705BR
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7705BR
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 16BIT SIGMA-DELTA 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	AD7705,06.pdf

Get a Quote

AD7705BR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7705BR datasheet/specifications on AllelcoElec.com.
Request a quote for AD7705BR, please send us email: info@allelco.com

Specifications

AD7705BR Tech Specifications
AD7705BR - 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-SOIC	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-SOIC (0.295", 7.50mm 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. AD7705BR

Product Attribute				
Part Number	AD7705BR	AD7703BNZ	AD7705BRZ-REEL7	AD7705BRZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	16-SOIC (0.295", 7.50mm Width)	20-DIP (0.300", 7.62mm)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Base Product Number	AD7705	AD7703	AD7705	AD7705
Sampling Rate (Per Second)	500	4k	500	500
Features	PGA	-	PGA	PGA
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Supplier Device Package	16-SOIC	20-PDIP	16-SOIC	16-SOIC
Ratio - S/H:ADC	-	1:1	-	-
Input Type	Differential	Single Ended	Differential	Differential
Number of Bits	16	20	16	16
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Reference Type	External	External	External	External
Number of A/D Converters	1	1	1	1
Voltage - Supply, Digital	2.7V ~ 3.3V, 5V	5V	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V
Voltage - Supply, Analog	2.7V ~ 3.3V, 5V	5V	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V
Series	-	-	-	-
Number of Inputs	2	1	2	2
Configuration	MUX-PGA-ADC	S/H-ADC	MUX-PGA-ADC	MUX-PGA-ADC
Data Interface	SPI, DSP	SPI	SPI, DSP	SPI, DSP

AD7705BR Datasheet PDF

Download AD7705BR pdf datasheets and Analog Devices Inc. documentation for AD7705BR - Analog Devices Inc..

Datasheets
















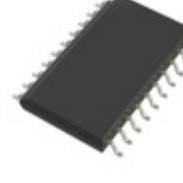


[AD7705,06.pdf](#)

PCN Obsolescence/ EOL

[Mult Device EOL 13/Jul/2016.pdf](#)

Customers Also Interested in

Recommended Products

					
AD7703BNZ Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20DIP	AD7705BRZ-REEL7 Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC	AD7705BRZ-REEL Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC	AD7706BNZ Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16DIP	AD7705BRUZ Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16TSSOP	AD7703CN Analog Devices Inc. IC ADC 20BIT LC2MOS MONO 20-DIP
					
AD7703CRZ Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20SOIC	AD7705BN Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16DIP	AD7703BR Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20SOIC	AD7705BNZ Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16DIP	AD7705BRUZ-REEL7 Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16TSSOP	AD7705BRZ Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC
					
AD7703BN Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20DIP	AD7705BRU Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16TSSOP	AD7703CNZ Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20DIP	AD7703BRZ Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20SOIC	AD7706BN Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16DIP	AD7705BRUZ-REEL Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 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 Alleco 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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Certifications & Memberships



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