

Image may be representation.  
See specifications for product details.



## AD7705BNZ

Manufacturer Part Number	<b>AD7705BNZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7705BNZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 16BIT SIGMA-DELTA 16DIP
Package	16-DIP (0.300", 7.62mm)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD7705BNZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7705BNZ datasheet/specifications on AllelcoElec.com.  
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### Specifications

AD7705BNZ Tech Specifications

AD7705BNZ - 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-PDIP	Mounting Type	Through Hole
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-DIP (0.300", 7.62mm)	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. AD7705BNZ

Product Attribute				
Part Number	AD7705BNZ	AD7705BN	AD7703ARZ	AD7703BR
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tube	Tube	Tube	Tube
Data Interface	SPI, DSP	SPI, DSP	SPI	SPI
Supplier Device Package	16-PDIP	16-PDIP	20-SOIC	20-SOIC
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Sampling Rate (Per Second)	500	500	4k	4k
Configuration	MUX-PGA-ADC	MUX-PGA-ADC	S/H-ADC	S/H-ADC
Package / Case	16-DIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)
Base Product Number	AD7705	AD7705	AD7703	AD7703
Voltage - Supply, Digital	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	5V	5V
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount
Ratio - S/H:ADC	-	-	1:1	1:1
Voltage - Supply, Analog	2.7V ~ 3.3V, 5V	2.7V ~ 3.3V, 5V	5V	5V
Input Type	Differential	Differential	Single Ended	Single Ended
Number of Inputs	2	2	1	1
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Bits	16	16	20	20
Number of A/D Converters	1	1	1	1
Features	PGA	PGA	-	-
Reference Type	External	External	External	External

### AD7705BNZ Datasheet PDF

Download AD7705BNZ pdf datasheets and Analog Devices Inc. documentation for AD7705BNZ - Analog Devices Inc..

#### Datasheets





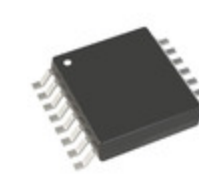












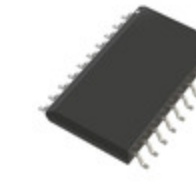
[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>AD7705BN</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16DIP	<b>AD7703ARZ</b> Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20SOIC	<b>AD7703BR</b> Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20SOIC	<b>AD7703CRZ</b> Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20SOIC	<b>AD7705BRUZ-REEL</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16TSSOP	<b>AD7705BRZ-REEL</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC
					
<b>AD7703CNZ</b> Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20DIP	<b>AD7705BRU</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16TSSOP	<b>AD7705BRUZ</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16TSSOP	<b>AD7705BRZ</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC	<b>AD7705BRUZ-REEL7</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16TSSOP	<b>AD7705BRZ-REEL7</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC
					
<b>AD7703BN</b> Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20DIP	<b>AD7706BN</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16DIP	<b>AD7705BR</b> Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 16SOIC	<b>AD7703BNZ</b> Analog Devices Inc. IC ADC 20BIT SIGMA-DELTA 20DIP	<b>AD7703CN</b> Analog Devices Inc. IC ADC 20BIT LC2MOS MONO 20-DIP	<b>AD7703BRZ</b> 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 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 -

		
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Contact us if you have any questions.

	
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