

Image may be representation.  
See specifications for product details.



## AD524BDZ

Manufacturer Part Number	<b>AD524BDZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD524BDZ
ECAD Model	PCB Footprint and Symbol
Parts Description	IC INST AMP 1 CIRCUIT 16CDIP
Package	16-CDIP (0.300", 7.62mm)
Data sheet	<b>AD524.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AD524BDZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD524BDZ datasheet/specifications on AllelcoElec.com. Request a quote for AD524BDZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD524BDZ Tech Specifications

AD524BDZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-25°C ~ 85°C
Voltage - Supply Span (Min)	12 V	Number of Circuits	1
Voltage - Supply Span (Max)	36 V	Mounting Type	Through Hole
Voltage - Input Offset	100 µV	Gain Bandwidth Product	1 MHz
Supplier Device Package	16-CDIP	Current - Supply	3.5mA
Slew Rate	5V/µs	Current - Input Bias	25 nA
Series	-	Base Product Number	AD524
Package / Case	16-CDIP (0.300", 7.62mm)	Amplifier Type	Instrumentation
Package	Tube	-3db Bandwidth	1 MHz
Output Type	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD524BDZ

Product Attribute				
Part Number	AD524BDZ	AD524CD	AD524SE/883B	AD524BD
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
-3db Bandwidth	1 MHz	1 MHz	1 MHz	1 MHz
Current - Input Bias	25 nA	15 nA	50 nA	25 nA
Voltage - Supply Span (Min)	12 V	12 V	12 V	12 V
Package	Tube	Tube	Tube	Tube
Voltage - Input Offset	100 µV	50 µV	100 µV	100 µV
Output Type	-	-	-	-
Slew Rate	5V/µs	5V/µs	5V/µs	5V/µs
Voltage - Supply Span (Max)	36 V	36 V	36 V	36 V
Supplier Device Package	16-CDIP	16-CDIP	20-CLCC (8.89x8.89)	16-CDIP
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
Amplifier Type	Instrumentation	Instrumentation	Instrumentation	Instrumentation
Series	-	-	-	-
Number of Circuits	1	1	1	1
Gain Bandwidth Product	1 MHz	1 MHz	1 MHz	1 MHz
Package / Case	16-CDIP (0.300", 7.62mm)	16-CDIP (0.300", 7.62mm)	20-CLCC	16-CDIP (0.300", 7.62mm)
Current - Supply	3.5mA	3.5mA	3.5mA	3.5mA
Operating Temperature	-25°C ~ 85°C	-25°C ~ 85°C	-55°C ~ 125°C	-25°C ~ 85°C
Base Product Number	AD524	AD524	AD524	AD524

### AD524BDZ Datasheet PDF

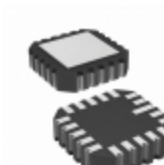
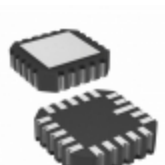
Download AD524BDZ pdf datasheets and Analog Devices Inc. documentation for AD524BDZ - Analog Devices Inc..

#### Datasheets

[AD524.pdf](#)

### Customers Also Interested in

#### Recommended Products



**AD524CD**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 16CDIP**AD524AR**

ADI (Analog Devices, Inc.)

**AD5248BRMZ50-RL7**Analog Devices Inc.  
IC DGTL POT 50KOHM 256TAP  
10MSOP**AD524SE/883B**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 20CLCC**AD524ADZ**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 16CDIP**AD524SD/883**

ADI (Analog Devices, Inc.)

**AD5248BRMZ2.5**Analog Devices Inc.  
IC DGT POT 2.5KOHM 256TAP  
10MSOP**AD5248BRMZ100-RL7**Analog Devices Inc.  
IC DGT POT 100KOHM 256TAP  
10MSOP**AD524AD**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 16CDIP**AD524BD**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 16CDIP**AD524CDZ**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 16CDIP**AD524ARZ**

ADI (Analog Devices, Inc.)

**AD524BE**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 20CLCC**AD524SD/883B**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 16CDIP**AD524ARZ-16**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 16SOIC**AD524ARZ-16-REEL7**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 16SOIC**AD524CE**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 20CLCC**AD524SD**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 16CDIP

## 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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Email

info@allelco.com

## Certifications & Memberships



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