



Image may be representation.  
See specifications for product details.



## AD7542JN

Manufacturer Part Number	<b>AD7542JN</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7542JN
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT A-OUT 16DIP
Package	16-DIP (0.300", 7.62mm)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

AD7542JN - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7542JN datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7542JN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7542JN Tech Specifications  
AD7542JN - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	5V	Number of D/A Converters	1
Voltage - Supply, Analog	5V	Number of Bits	12
Supplier Device Package	16-PDIP	Mounting Type	Through Hole
Settling Time	2µs	INL/DNL (LSB)	±1 (Max), ±1 (Max)
Series	-	Differential Output	Yes
Reference Type	External	Data Interface	Parallel
Package / Case	16-DIP (0.300", 7.62mm)	Base Product Number	AD7542
Package	Tube	Architecture	R-2R
Output Type	Current - Unbuffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7542JN

Product Attribute				
Part Number	AD7542JN	AD7542KP	AD7542TQ/883B	AD7541JN
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Through Hole	Surface Mount	-	-
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±0.5 (Max), ±1 (Max)	-	-
Number of D/A Converters	1	1	-	-
Settling Time	2µs	2µs	-	-
Output Type	Current - Unbuffered	Current - Unbuffered	-	-
Architecture	R-2R	R-2R	-	-
Reference Type	External	External	-	-
Data Interface	Parallel	Parallel	-	-
Base Product Number	AD7542	AD7542	AD7542	-
Voltage - Supply, Digital	5V	5V	-	-
Package	Tube	Tube	Tube	Bulk
Voltage - Supply, Analog	5V	5V	-	-
Differential Output	Yes	Yes	-	-
Series	-	-	-	*
Number of Bits	12	12	-	-
Package / Case	16-DIP (0.300", 7.62mm)	20-LCC (J-Lead)	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-	-
Supplier Device Package	16-PDIP	20-PLCC (9x9)	-	-

### AD7542JN Datasheet PDF

Download AD7542JN pdf datasheets and Analog Devices Inc. documentation for AD7542JN - Analog Devices Inc..

#### Datasheets

Cylindrical Battery Holders.pdf

### Customers Also Interested in

#### Recommended Products



**AD7541ATD/883**

ADI (Analog Devices, Inc.)

**AD7542KN**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16DIP**AD7542KP**Analog Devices Inc.  
IC DAC 12BIT A-OUT 20PLCC**AD7541JN**Intersil  
IC DAC 12BIT A-OUT 18DIP**AD7542TQ/883B**Analog Devices Inc.  
IC DAC 12BIT MULT CMOS 16CERDIP**AD7543AD**

ADI (Analog Devices, Inc.)

**AD7541JN**Analog Devices Inc.  
MULTIPLYING D/A CONVERTERS, 12-B**AD7542JP**Analog Devices Inc.  
IC DAC 12BIT MULT CMOS 20-PLCC**AD7541KN**Intersil  
MULTIPLYING D/A CONVERTERS, 12-B**AD7541JN**Harris Corporation  
MULTIPLYING D/A CONVERTERS, 12-B**AD7542TD/883**

ADI (Analog Devices, Inc.)

**AD7541ATD**

ADI (Analog Devices, Inc.)

**AD7542KPZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 20PLCC**AD7541KN**Analog Devices Inc.  
DAC, PARALLEL, WORD INPUT**AD7542KR**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16SOIC**AD7542KNZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16DIP**AD7542AQ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16CDIP**AD7542JNZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16DIP

## 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

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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