



Image may be representation.  
See specifications for product details.



## AD7249BR

Manufacturer Part Number	<b>AD7249BR</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7249BR
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	<b>AD7249.pdf</b>

**Get a Quote**

AD7249BR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7249BR datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7249BR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7249BR Tech Specifications  
AD7249BR - 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	-	Number of D/A Converters	2
Voltage - Supply, Analog	±11.4V ~ 15.75V	Number of Bits	12
Supplier Device Package	16-SOIC	Mounting Type	Surface Mount
Settling Time	10µs	INL/DNL (LSB)	±0.5 (Max), ±0.9 (Max)
Series	DACPORT®	Differential Output	No
Reference Type	External, Internal	Data Interface	SPI
Package / Case	16-SOIC (0.295", 7.50mm Width)	Base Product Number	AD7249
Package	Tube	Architecture	R-2R
Output Type	Voltage - Buffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7249BR

Product Attribute				
Part Number	AD7249BR	AD7248JNZ	AD7249AR	AD7248ATQ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Analog	±11.4V ~ 15.75V	±14.25V ~ 15.75V	±10.8V ~ 16.5V	±10.8V ~ 16.5V
Series	DACPORT®	DACPORT®	DACPORT®	DACPORT®
Package	Tube	Tube	Tube	Tube
Number of Bits	12	12	12	12
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C	-55°C ~ 125°C
Number of D/A Converters	2	1	2	1
Package / Case	16-SOIC (0.295", 7.50mm Width)	20-DIP (0.300", 7.62mm)	16-SOIC (0.295", 7.50mm Width)	24-CDIP (0.300", 7.62mm)
Architecture	R-2R	R-2R	R-2R	R-2R
Base Product Number	AD7249	AD7248	AD7249	AD7248
Data Interface	SPI	Parallel	SPI	Parallel
Settling Time	10µs	5µs, 10µs	10µs	10µs
Voltage - Supply, Digital	-	14.25V ~ 15.75V	-	10.8V ~ 16.5V
INL/DNL (LSB)	±0.5 (Max), ±0.9 (Max)	±1 (Max), ±1 (Max)	±1 (Max), ±0.9 (Max)	±0.75 (Max), ±1 (Max)
Reference Type	External, Internal	Internal	External, Internal	Internal
Differential Output	No	No	No	No
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Supplier Device Package	16-SOIC	20-PDIP	16-SOIC	24-CDIP

### AD7249BR Datasheet PDF

Download AD7249BR pdf datasheets and Analog Devices Inc. documentation for AD7249BR - Analog Devices Inc..

#### Datasheets

[AD7249.pdf](#)

#### PCN Obsolescence/ EOL

[Lead\(Pb\)- Bearing Dev OBS 19/Jun/2017.pdf](#)

### Customers Also Interested in

#### Recommended Products

**AD7248JNZ**Analog Devices Inc.  
IC DAC 12BIT V-OUT 20DIP**AD7249AR**Analog Devices Inc.  
IC DAC 12BIT V-OUT 16SOIC**AD7248ATQ**Analog Devices Inc.  
IC DAC 12BIT V-OUT 24CDIP**AD725AR**Analog Devices Inc.  
IC ENCODER RGB TO NTSC 16-SOIC**AD7249AR-REEL**Analog Devices Inc.  
IC DAC 12BIT V-OUT 16SOIC**AD7249BRZ-REEL**Analog Devices Inc.  
IC DAC 12BIT V-OUT 16SOIC**AD7248AQ**Analog Devices Inc.  
IC DAC 12BIT V-OUT 24CDIP**AD724JR+**

ADI (Analog Devices, Inc.)

**AD724JR**Analog Devices Inc.  
IC ENCODER RGB TO NTSC 16-SOIC**AD7249BRZ**Analog Devices Inc.  
IC DAC 12BIT V-OUT 16SOIC**AD724JRZ**Analog Devices Inc.  
IC ENCODER RGB TO NTSC 16-SOIC**AD7248ABN**Analog Devices Inc.  
IC DAC 12BIT V-OUT 24DIP**AD724JR-REEL**Analog Devices Inc.  
IC ENCODER RGB TO NTSC 16-SOIC**AD7248JP**Analog Devices Inc.  
IC DAC 12BIT W/REF 28PLCC**AD7249ARZ**Analog Devices Inc.  
IC DAC 12BIT V-OUT 16SOIC**AD724JRZ-REEL**

ADI (Analog Devices, Inc.)

**AD7248AARZ-REEL**Analog Devices Inc.  
IC DAC 12BIT V-OUT 20SOIC**AD7248ARZ**

ADI (Analog Devices, Inc.)

## 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



Email

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## Certifications & Memberships



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