



Image may be representation.  
See specifications for product details.



## AD5447YRUZ

Manufacturer Part Number	<b>AD5447YRUZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5447YRUZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 12BIT A-OUT 24TSSOP
Package	24-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD5447YRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5447YRUZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5447YRUZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5447YRUZ Tech Specifications

AD5447YRUZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 125°C
Voltage - Supply, Digital	2.5V ~ 5.5V	Number of D/A Converters	2
Voltage - Supply, Analog	2.5V ~ 5.5V	Number of Bits	12
Supplier Device Package	24-TSSOP	Mounting Type	Surface Mount
Settling Time	120ns	INL/DNL (LSB)	±1 (Max), -1/+2 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	Parallel
Package / Case	24-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD5447
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. AD5447YRUZ

Product Attribute				
Part Number	AD5447YRUZ	AD5449YRU-REEL7	AD5445YCPZ	AD5447YRUZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Digital	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Package / Case	24-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	20-WFQFN Exposed Pad, CSP	24-TSSOP (0.173", 4.40mm Width)
Voltage - Supply, Analog	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Data Interface	Parallel	SPI, DSP	Parallel	Parallel
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered
Number of D/A Converters	2	2	1	2
Supplier Device Package	24-TSSOP	16-TSSOP	20-LFCSP (4x4)	24-TSSOP
Package	Tube	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
INL/DNL (LSB)	±1 (Max), -1/+2 (Max)	±1 (Max), -1/+2 (Max)	±1 (Max), -1/+2 (Max)	±1 (Max), -1/+2 (Max)
Base Product Number	AD5447	AD5449	AD5445	AD5447
Settling Time	120ns	120ns	120ns	120ns
Number of Bits	12	12	12	12
Differential Output	No	Yes	Yes	No
Reference Type	External	External	External	External
Architecture	R-2R	R-2R	R-2R	R-2R
Series	-	-	-	-

### AD5447YRUZ Datasheet PDF

Download AD5447YRUZ pdf datasheets and Analog Devices Inc. documentation for AD5447YRUZ - Analog Devices Inc..

#### Datasheets

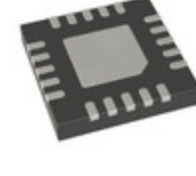
Cylindrical Battery Holders.pdf

#### PCN Assembly/Origin

2.73KHz.pdf

### Customers Also Interested in

#### Recommended Products

**AD5449YRU-REEL7**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16TSSOP**AD5445YCPZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 20LFCSP**AD5447YRUZ-REEL7**Analog Devices Inc.  
IC DAC 12BIT A-OUT 24TSSOP**AD5449YRUZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16TSSOP**AD5446YRMZ-RL7**Analog Devices Inc.  
IC DAC 14BIT A-OUT 10MSOP**AD5445YRUZ-REEL7**Analog Devices Inc.  
IC DAC 12BIT A-OUT 20TSSOP**AD5449YRUZ-REEL**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16TSSOP**AD5446YRM**Analog Devices Inc.  
IC DAC 14BIT A-OUT 10MSOP**AD544JH**Analog Devices Inc.  
IC OPAMP JFET 1 CIRCUIT TO99-8**AD544LH**Analog Devices Inc.  
IC OPAMP JFET 1 CIRCUIT TO99-8**AD5446YRMZ**Analog Devices Inc.  
IC DAC 14BIT A-OUT 10MSOP**AD5444YRMZ-REEL7**Analog Devices Inc.  
IC DAC 12BIT A-OUT 10MSOP**AD5449YRU**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16TSSOP**AD5449YRUZ-REEL7**Analog Devices Inc.  
IC DAC 12BIT A-OUT 16TSSOP**AD5445YRUZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 20TSSOP**AD5445YCP**Analog Devices Inc.  
IC DAC 12BIT PARALL IOUT 20LFCSP**AD5445YRUZ-REEL**Analog Devices Inc.  
IC DAC 12BIT A-OUT 20TSSOP**AD5444YRMZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 10MSOP

## 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

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## Certifications & Memberships



View More

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