

Image may be representation.  
See specifications for product details.



## AD5424YRU

Manufacturer Part Number	<b>AD5424YRU</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5424YRU
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 8BIT A-OUT 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

AD5424YRU - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5424YRU datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5424YRU, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5424YRU Tech Specifications  
AD5424YRU - 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	1
Voltage - Supply, Analog	2.5V ~ 5.5V	Number of Bits	8
Supplier Device Package	16-TSSOP	Mounting Type	Surface Mount
Settling Time	120ns	INL/DNL (LSB)	±0.25 (Max), ±0.5 (Max)
Series	-	Differential Output	Yes
Reference Type	External	Data Interface	Parallel
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD5424
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. AD5424YRU

Product Attribute				
Part Number	AD5424YRU	AD5426YRMZ	AD5425YRMZ	AD5425YRMZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tube	Tube	Tape & Reel (TR)
Voltage - Supply, Analog	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of D/A Converters	1	1	1	1
Series	-	-	-	-
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered
Package / Case	16-TSSOP (0.173", 4.40mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Differential Output	Yes	Yes	Yes	Yes
Settling Time	120ns	160ns	160ns	160ns
Data Interface	Parallel	SPI, DSP	SPI, DSP	SPI, DSP
Architecture	R-2R	R-2R	R-2R	R-2R
Number of Bits	8	8	8	8
Reference Type	External	External	External	External
Voltage - Supply, Digital	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Supplier Device Package	16-TSSOP	10-MSOP	10-MSOP	10-MSOP
Base Product Number	AD5424	AD5426	AD5425	AD5425
INL/DNL (LSB)	±0.25 (Max), ±0.5 (Max)	±0.25 (Max), ±0.5 (Max)	±0.25 (Max), ±0.5 (Max)	±0.25 (Max), ±0.5 (Max)

### AD5424YRU Datasheet PDF

Download AD5424YRU pdf datasheets and Analog Devices Inc. documentation for AD5424YRU - Analog Devices Inc..

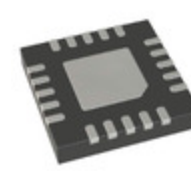
#### Datasheets

Cylindrical Battery Holders.pdf

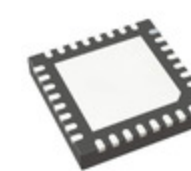
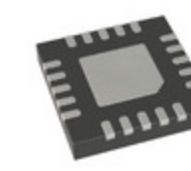
### Customers Also Interested in

#### Recommended Products



**AD5426YRMZ**Analog Devices Inc.  
IC DAC 8BIT A-OUT 10MSOP**AD5422BREZ**Analog Devices Inc.  
IC DAC 16BIT V OR A-OUT 24TSSOP**AD5425YRMZ**Analog Devices Inc.  
IC DAC 8BIT A-OUT 10MSOP**AD5428YRUZ-REEL7**Analog Devices Inc.  
IC DAC 8BIT A-OUT 20TSSOP**AD5425YRMZ-REEL7**Analog Devices Inc.  
IC DAC 8BIT A-OUT 10MSOP**AD5422BCPZ-REEL7**Analog Devices Inc.  
IC DAC 16BIT V OR A-OUT 40LFCSP**AD5424YRUZ-REEL**Analog Devices Inc.  
IC DAC 8BIT A-OUT 16TSSOP**AD5424YCPZ**Analog Devices Inc.  
IC DAC 8BIT A-OUT 20LFCSP**AD5422BREZ-REEL**Analog Devices Inc.  
IC DAC 16BIT V OR A-OUT 24TSSOP**AD5422BREZ-REEL7**

ADI (Analog Devices, Inc.)

**AD5424YRUZ**Analog Devices Inc.  
IC DAC 8BIT A-OUT 16TSSOP**AD5423BCPZ-RL7**Analog Devices Inc.  
1 CHANNEL;16-BIT 4TO20 MA; VOUT**AD5426YRMZ-REEL**Analog Devices Inc.  
IC DAC 8BIT A-OUT 10MSOP**AD5424YRUZ-REEL7**Analog Devices Inc.  
IC DAC 8BIT A-OUT 16TSSOP**AD5428YRUZ**Analog Devices Inc.  
IC DAC 8BIT A-OUT 20TSSOP**AD5429YRU**Analog Devices Inc.  
IC DAC 8BIT A-OUT 16TSSOP**AD5424YCPZ-REEL7**Analog Devices Inc.  
IC DAC 8BIT A-OUT 20LFCSP**AD5422AREZ-REEL7**

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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Email

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## Certifications & Memberships



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