



Image may be representation.
See specifications for product details.



AD5415YRU

Manufacturer Part Number	AD5415YRU
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5415YRU
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT A-OUT 24TSSOP
Package	24-TSSOP (0.173", 4.40mm Width)
Data sheet	AD5415.pdf

Get a Quote

AD5415YRU - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5415YRU datasheet/specifications on AllelcoElec.com.
Request a quote for AD5415YRU, please send us email: info@allelco.com

Specifications

AD5415YRU Tech Specifications
AD5415YRU - 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	12
Supplier Device Package	24-TSSOP	Mounting Type	Surface Mount
Settling Time	120ns	INL/DNL (LSB)	±1 (Max), -1/+2 (Max)
Series	-	Differential Output	Yes
Reference Type	External	Data Interface	SPI, DSP
Package / Case	24-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD5415
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. AD5415YRU

Product Attribute				
Part Number	AD5415YRU	AD5420AREZ	AD5412AREZ	AD5415YRUZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Number of D/A Converters	1	1	1	2
Package	Tube	Tube	Tube	Tape & Reel (TR)
INL/DNL (LSB)	±1 (Max), -1/+2 (Max)	-, ±1 (Max)	-, ±1.3 (Max)	±1 (Max), -1/+2 (Max)
Output Type	Current - Unbuffered	Current - Buffered	Voltage or Current - Buffered	Current - Unbuffered
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Package / Case	24-TSSOP (0.173", 4.40mm Width)	24-TSSOP (0.173", 4.40mm Width) Exposed Pad	24-TSSOP (0.173", 4.40mm Width) Exposed Pad	24-TSSOP (0.173", 4.40mm Width)
Architecture	R-2R	R-2R	R-2R	R-2R
Differential Output	Yes	No	No	Yes
Number of Bits	12	16	12	12
Supplier Device Package	24-TSSOP	24-TSSOP-EP	24-TSSOP-EP	24-TSSOP
Reference Type	External	External, Internal	External, Internal	External
Voltage - Supply, Analog	2.5V ~ 5.5V	10.8V ~ 40V	10.8V ~ 40V, -3V ~ 26.4V	2.5V ~ 5.5V
Voltage - Supply, Digital	2.5V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.5V ~ 5.5V
Settling Time	120ns	40µs	25µs (V), 40µs (A) (Typ)	120ns
Base Product Number	AD5415	AD5420	AD5412	AD5415
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 105°C	-40°C ~ 125°C

AD5415YRU Datasheet PDF

Download AD5415YRU pdf datasheets and Analog Devices Inc. documentation for AD5415YRU - Analog Devices Inc..

Datasheets

AD5415.pdf

PCN Obsolescence/ EOL

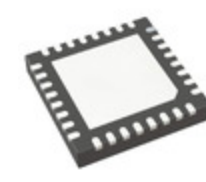
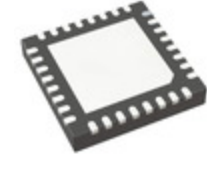
Multiple Devices 29/Jan/2014.pdf

Customers Also Interested in

Recommended Products

**AD5420AREZ**Analog Devices Inc.
IC DAC 16BIT A-OUT 24TSSOP**AD5412AREZ**Analog Devices Inc.
IC DAC 12BIT V OR A-OUT 24TSSOP**AD5409BRU**

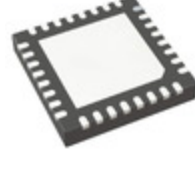
ADI (Analog Devices, Inc.)

**AD5415YRUZ-REEL7**Analog Devices Inc.
IC DAC 12BIT A-OUT 24TSSOP**AD5413BCPZ**Analog Devices Inc.
IC DAC 14B V OR A-OUT 32LFCSP**AD5412AREZ-REEL7**Analog Devices Inc.
IC DAC 12BIT V OR A-OUT 24TSSOP**AD5415YRUZ**Analog Devices Inc.
IC DAC 12BIT A-OUT 24TSSOP**AD5410AREZ-REEL7**Analog Devices Inc.
IC DAC 12BIT A-OUT 24TSSOP**AD5413BCPZ-RL7**Analog Devices Inc.
IC DAC 14B V OR A-OUT 32LFCSP**AD5420AREZ-REEL**

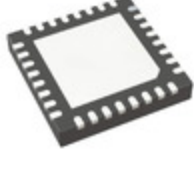
ADI (Analog Devices, Inc.)

**AD5420AREZ-REEL7**Analog Devices Inc.
IC DAC 16BIT A-OUT 24TSSOP**AD5421BREZ-REEL7**Analog Devices Inc.
IC DAC 16BIT C-OUT 28TSSOP**AD5412ACPZ**

ADI (Analog Devices, Inc.)

**AD5421BCPZ-REEL7**Analog Devices Inc.
IC DAC 16BIT C-OUT 32LFCSP**AD5410AREZ**Analog Devices Inc.
IC DAC 12BIT A-OUT 24TSSOP**AD5421BREZ**Analog Devices Inc.
IC DAC 16BIT C-OUT 28TSSOP**AD540JH**

ADI (Analog Devices, Inc.)

**AD5421ACPZ-REEL7**Analog Devices Inc.
IC DAC 16BIT C-OUT 32LFCSP

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



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Certifications & Memberships



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