

Image may be representation.  
See specifications for product details.



## AD8522ARZ-REEL

Manufacturer Part Number	<b>AD8522ARZ-REEL</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD8522ARZ-REEL
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 14SO
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD8522ARZ-REEL - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8522ARZ-REEL datasheet/specifications on AllelcoElec.com.  
Request a quote for AD8522ARZ-REEL, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD8522ARZ-REEL Tech Specifications

AD8522ARZ-REEL - 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	2
Voltage - Supply, Analog	5V	Number of Bits	12
Supplier Device Package	14-SO	Mounting Type	Surface Mount
Settling Time	16µs (Typ)	INL/DNL (LSB)	±0.5, ±0.5
Series	-	Differential Output	No
Reference Type	Internal	Data Interface	SPI
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	AD8522
Package	Tape & Reel (TR)	Architecture	R-2R
Output Type	Voltage - Buffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD8522ARZ-REEL

Product Attribute				
Part Number	AD8522ARZ-REEL	AD8522ANZ	AD8522ARZ	AD8522AR
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-DIP (0.300", 7.62mm)	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Number of D/A Converters	2	2	2	2
Settling Time	16µs (Typ)	16µs (Typ)	16µs (Typ)	16µs (Typ)
Differential Output	No	No	No	No
Voltage - Supply, Digital	5V	5V	5V	5V
Data Interface	SPI	SPI	SPI	SPI
Architecture	R-2R	R-2R	R-2R	R-2R
Reference Type	Internal	Internal	Internal	Internal
Voltage - Supply, Analog	5V	5V	5V	5V
Number of Bits	12	12	12	12
Package	Tape & Reel (TR)	Tube	Tube	Tube
Series	-	-	-	-
Supplier Device Package	14-SO	14-PDIP	14-SO	14-SO
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Base Product Number	AD8522	AD8522	AD8522	AD8522
INL/DNL (LSB)	±0.5, ±0.5	±0.5, ±0.5	±0.5, ±0.5	±0.5, ±0.5

### AD8522ARZ-REEL Datasheet PDF

Download AD8522ARZ-REEL pdf datasheets and Analog Devices Inc. documentation for AD8522ARZ-REEL - Analog Devices Inc..

#### Datasheets

Cylindrical Battery Holders.pdf

#### Other Related Documents



















Tape and Reel Packaging.pdf

#### PCN Design/Specification

Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products

 <b>AD8529AR</b> Analog Devices Inc. IC OPAMP GP R-R 8MHZ DUAL 8SOIC	 <b>AD8529ARM-REEL7</b> ADI (Analog Devices, Inc.)	 <b>AD8519ARTZ-RL7</b> ADI (Analog Devices, Inc.)	 <b>AD8519ARTZ</b> ADI (Analog Devices, Inc.)	 <b>AD8519ART</b> ADI (Analog Devices, Inc.)	 <b>AD8522ANZ</b> Analog Devices Inc. IC DAC 12BIT V-OUT 14DIP
 <b>AD8522ARZ</b> Analog Devices Inc. IC DAC 12BIT V-OUT 14SO	 <b>AD8527AR</b> Analog Devices Inc. IC OPAMP GP R-R 7MHZ DUAL 8SOIC	 <b>AD8522AR</b> Analog Devices Inc. IC DAC 12BIT V-OUT 14SO	 <b>AD8519ARZ</b> Analog Devices Inc. IC OPAMP GP 1 CIRCUIT 8SOIC	 <b>AD8527ARMZ</b> ADI (Analog Devices, Inc.)	 <b>AD8529ARM-REEL</b> Analog Devices Inc. IC OPAMP GP 2 CIRCUIT 8MSOP
 <b>AD8527ARZ</b> Analog Devices Inc. IC OPAMP GP R-R 7MHZ DUAL 8SOIC	 <b>AD8522A</b> ADI (Analog Devices, Inc.)	 <b>AD8527ARMZ-REEL7</b> ADI (Analog Devices, Inc.)	 <b>AD8519ART-REEL7</b> Analog Devices Inc. IC OPAMP GP 1 CIRCUIT SOT23-5	 <b>AD8519ARTZ-REEL7</b> Analog Devices Inc. IC OPAMP GP 1 CIRCUIT SOT23-5	 <b>AD8527ARZ-REEL7</b> Analog Devices Inc. IC OPAMP GP R-R 7MHZ DUAL 8SOIC

## 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

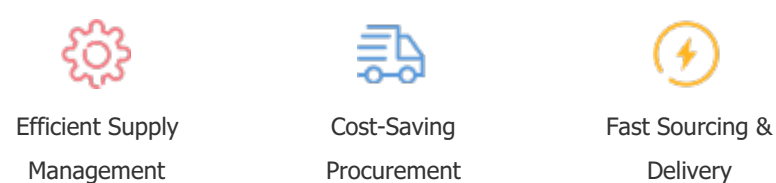
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

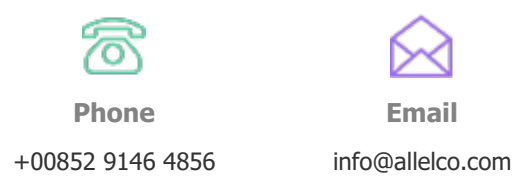
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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