



Image may be representation.
See specifications for product details.



AD8522ARZ

Manufacturer Part Number	AD8522ARZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD8522ARZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 12BIT V-OUT 14SO
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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

Specifications

AD8522ARZ Tech Specifications
AD8522ARZ - 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	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. AD8522ARZ

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

AD8522ARZ Datasheet PDF

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

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

**AD8522ARZ-REEL**Analog Devices Inc.
IC DAC 12BIT V-OUT 14SO**AD8522AR**Analog Devices Inc.
IC DAC 12BIT V-OUT 14SO**AD8529AR**Analog Devices Inc.
IC OPAMP GP R-R 8MHZ DUAL 8SOIC**AD8522ANZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 14DIP**AD8527ARMZ**

ADI (Analog Devices, Inc.)

**AD8519ARTZ**

ADI (Analog Devices, Inc.)

**AD8527ARMZ-REEL7**

ADI (Analog Devices, Inc.)

**AD8527AR**Analog Devices Inc.
IC OPAMP GP R-R 7MHZ DUAL 8SOIC**AD8529ARM-REEL**Analog Devices Inc.
IC OPAMP GP 2 CIRCUIT 8MSOP**AD8519AR**Analog Devices Inc.
IC OPAMP GP R-R 8MHZ 25MA 8SOIC**AD8527ARZ**Analog Devices Inc.
IC OPAMP GP R-R 7MHZ DUAL 8SOIC**AD8522A**

ADI (Analog Devices, Inc.)

**AD8527ARZ-REEL7**Analog Devices Inc.
IC OPAMP GP R-R 7MHZ DUAL 8SOIC**AD8519ART-REEL7**Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT SOT23-5**AD8519ARTZ-REEL7**Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT SOT23-5**AD8519ART**

ADI (Analog Devices, Inc.)

**AD8519ARZ**Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT 8SOIC**AD8519ARTZ-RL7**

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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