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See specifications for product details.



AD5512ACPZ-500RL7

Manufacturer Part Number	AD5512ACPZ-500RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5512ACPZ-500RL7
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 16LFCSP
Package	16-WFQFN Exposed Pad, CSP
Data sheet	AD5512A/42A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5512ACPZ-500RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5512ACPZ-500RL7 datasheet/specifications on AllelcoElec.com. Request a quote for AD5512ACPZ-500RL7, please send us email: info@allelco.com

Specifications

AD5512ACPZ-500RL7 Tech Specifications
AD5512ACPZ-500RL7 - 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	2.7V ~ 5.5V	Number of D/A Converters	1
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	12
Supplier Device Package	16-LFCSP (3x3)	Mounting Type	Surface Mount
Settling Time	1µs (Typ)	INL/DNL (LSB)	±0.5, ±0.5
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI, DSP
Package / Case	16-WFQFN Exposed Pad, CSP	Base Product Number	AD5512
Package	Tape & Reel (TR)	Architecture	R-2R
Output Type	Voltage - Unbuffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5512ACPZ-500RL7

Product Attribute				
Part Number	AD5512ACPZ-500RL7	AD5512ACPZ-REEL7	AD5504BRUZ-REEL	AD5516ABC-1
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Number of Bits	12	12	12	12
Reference Type	External	External	Internal	External
Number of D/A Converters	1	1	4	16
Settling Time	1µs (Typ)	1µs (Typ)	55µs	32µs
Base Product Number	AD5512	AD5512	AD5504	AD5516
Architecture	R-2R	R-2R	String DAC	String DAC
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tray
Package / Case	16-WFQFN Exposed Pad, CSP	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173', 4.40mm Width)	74-LBGA, CSPBGA
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	10V ~ 62V	±4.75V ~ 15.75V, 5V
Series	-	-	-	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 85°C
Output Type	Voltage - Unbuffered	Voltage - Unbuffered	Voltage - Buffered	Voltage - Unbuffered
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.3V ~ 5.5V	2.7V ~ 5.25V
Differential Output	No	No	No	No
INL/DNL (LSB)	±0.5, ±0.5	±0.5, ±0.5	±3 (Max), ±1 (Max)	±2 (Max), ±0.5
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Supplier Device Package	16-LFCSP (3x3)	16-LFCSP (3x3)	16-TSSOP	74-CSPBGA (12x12)

AD5512ACPZ-500RL7 Datasheet PDF

Download AD5512ACPZ-500RL7 pdf datasheets and Analog Devices Inc. documentation for AD5512ACPZ-500RL7 - Analog Devices Inc..

Datasheets

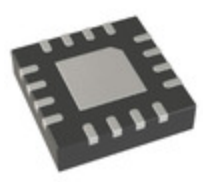
[AD5512A/42A.pdf](#)

Other Related Documents

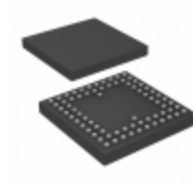
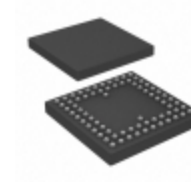
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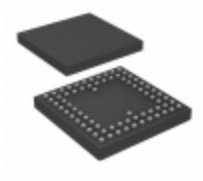
Recommended Products

**AD5512ACPZ-REEL7**Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP**AD5504BRUZ-REEL**Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP**AD5512ACPZ**

ADI (Analog Devices, Inc.)

**AD5516ABC-1**Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA**AD5516ABC-3**Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA**AD55/025-0**

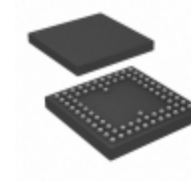
ADI (Analog Devices, Inc.)

**AD5516ABCZ-1**Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA**AD55010F**

ADI (Analog Devices, Inc.)

**AD549LH**Analog Devices Inc.
IC OPAMP GP 1MHZ TO99-8**AD5514ARZ**

ADI (Analog Devices, Inc.)

**AD5516ABCZ-3**Analog Devices Inc.
IC DAC 12BIT V-OUT 74CSPBGA**AD55/046Z-1**

ADI (Analog Devices, Inc.)

**AD5501BRUZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP**AD549LHZ**Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT TO99-8**AD5520BST**

ADI (Analog Devices, Inc.)

**AD5520JSTZ**Analog Devices Inc.
IC PPMU 64LQFP**AD5504BRUZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP**AD549SH/883B**Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT TO99-8

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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+00852 9146 4856



Email

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Certifications & Memberships



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