Image may be representation.
See specifications for product details.

AD5648ARUZ-2

Manufacturer Part Number	AD5648ARUZ-2
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5648ARUZ-2
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC DAC 14BIT V-OUT 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	AD5628,48,68.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5648ARUZ-2 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5648ARUZ-2 datasheet/specifications on AllelcoElec.com.
Request a quote for AD5648ARUZ-2, please send us email: info@allelco.com

Specifications

AD5648ARUZ-2 Tech Specifications
AD5648ARUZ-2 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 105°C
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of D/A Converters	8
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	14
Supplier Device Package	16-TSSOP	Mounting Type	Surface Mount
Settling Time	7µs	INL/DNL (LSB)	±2, ±0.5 (Max)
Series	nanoDAC®	Differential Output	No
Reference Type	External, Internal	Data Interface	SPI, DSP
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD5648
Package	Tube	Architecture	String DAC
Output Type	Voltage - Buffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5648ARUZ-2

Product Attribute				
Part Number	AD5648ARUZ-2	AD565AJRZ	AD5644RBRMZ-5REEL7	AD5645RBRUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Interface	SPI, DSP	Parallel	SPI, DSP	I²C
Number of D/A Converters	8	1	4	4
Series	nanoDAC®	-	nanoDAC®	nanoDAC®
Base Product Number	AD5648	AD565	AD5644	AD5645
Package	Tube	Tube	Tape & Reel (TR)	Tube
Voltage - Supply, Digital	2.7V ~ 5.5V	-	5V	2.7V ~ 5.5V
INL/DNL (LSB)	±2, ±0.5 (Max)	±0.5, ±0.5	±2, ±0.5 (Max)	±2, ±0.5 (Max)
Number of Bits	14	12	14	14
Output Type	Voltage - Buffered	Current - Unbuffered	Voltage - Buffered	Voltage - Buffered
Architecture	String DAC	R-2R	String DAC	String DAC
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Operating Temperature	-40°C ~ 105°C	0°C ~ 70°C	-40°C ~ 105°C	-40°C ~ 105°C
Package / Case	16-TSSOP (0.173", 4.40mm Width)	28-SOIC (0.295", 7.50mm Width)	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	14-TSSOP (0.173", 4.40mm Width)
Voltage - Supply, Analog	2.7V ~ 5.5V	±11.4V ~ 16.5V	5V	2.7V ~ 5.5V
Supplier Device Package	16-TSSOP	28-SOIC	10-MSOP	14-TSSOP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Settling Time	7µs	400ns	5µs	5µs
Differential Output	No	No	No	No

AD5648ARUZ-2 Datasheet PDF

Download AD5648ARUZ-2 pdf datasheets and Analog Devices Inc. documentation for AD5648ARUZ-2 - Analog Devices Inc..

Datasheets

AD5628,48,68.pdf

PCN Design/Specification

AD56x8 Resign 21/Dec/2010.pdf

Customers Also Interested in

Recommended Products

AD565AJRZ

Analog Devices Inc.
IC DAC 12BIT A-OUT 28SOIC

AD5644RBRMZ-5REEL7

Analog Devices Inc.
IC DAC 14BIT V-OUT 10MSOP

AD5645RBRUZ

Analog Devices Inc.
IC DAC 14BIT V-OUT 14TSSOP

AD5648BRUZ-1

Analog Devices Inc.
IC DAC 14BIT V-OUT 14TSSOP

AD565ASD/883

ADI (Analog Devices, Inc.)

AD565ASD

Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP

AD565AJR

Analog Devices Inc.
IC DAC 12BIT A-OUT 28SOIC

AD5648BRUZ-2

Analog Devices Inc.
IC DAC 14BIT V-OUT 16TSSOP

AD5647RBCPZ

ADI (Analog Devices, Inc.)

AD5648BRUZ-2REEL7

Analog Devices Inc.
IC DAC 14BIT V-OUT 16TSSOP

AD5645RBCPZ-REEL7

Analog Devices Inc.
IC DAC 14BIT V-OUT 10LFCSP

AD5645RBCPZ-R2

Analog Devices Inc.
IC DAC 14BIT V-OUT 10LFCSP

AD5645RBRUZ-REEL7

Analog Devices Inc.
IC DAC 14BIT V-OUT 14TSSOP

AD565AKD

Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP

AD5647RBCPZ-REEL7

Analog Devices Inc.
IC DAC 14BIT V-OUT 10LFCSP

AD565AJD

Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP

AD5644RBRMZ-3REEL7

Analog Devices Inc.
IC DAC 14BIT V-OUT 10MSOP

AD5647RBRMZ

Analog Devices Inc.
IC DAC 14BIT V-OUT 10MSOP

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
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Email
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Certifications & Memberships

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