

Image may be representation.
See specifications for product details.



AD565AJRZ

Manufacturer Part Number	AD565AJRZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD565AJRZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC DAC 12BIT A-OUT 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD565AJRZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD565AJRZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD565AJRZ, please send us email: info@allelco.com

Specifications

AD565AJRZ Tech Specifications

AD565AJRZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	0°C ~ 70°C
Voltage - Supply, Digital	-	Number of D/A Converters	1
Voltage - Supply, Analog	±11.4V ~ 16.5V	Number of Bits	12
Supplier Device Package	28-SOIC	Mounting Type	Surface Mount
Settling Time	400ns	INL/DNL (LSB)	±0.5, ±0.5
Series	-	Differential Output	No
Reference Type	External, Internal	Data Interface	Parallel
Package / Case	28-SOIC (0.295", 7.50mm Width)	Base Product Number	AD565
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. AD565AJRZ

Product Attribute				
Part Number	AD565AJRZ	AD5645RBRUZ-REEL7	AD5647RBCPZ-REEL7	AD565AJD
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Differential Output	No	No	No	No
Architecture	R-2R	String DAC	String DAC	R-2R
INL/DNL (LSB)	±0.5, ±0.5	±2, ±0.5 (Max)	±2, ±0.5 (Max)	±0.5, ±0.5
Voltage - Supply, Digital	-	2.7V ~ 5.5V	2.7V ~ 5.5V	-
Voltage - Supply, Analog	±11.4V ~ 16.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	±11.4V ~ 16.5V
Number of Bits	12	14	14	12
Data Interface	Parallel	I ² C	I ² C	Parallel
Operating Temperature	0°C ~ 70°C	-40°C ~ 105°C	-40°C ~ 105°C	0°C ~ 70°C
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Base Product Number	AD565	AD5645	AD5647	AD565
Settling Time	400ns	5µs	5µs	400ns
Package / Case	28-SOIC (0.295", 7.50mm Width)	14-TSSOP (0.173", 4.40mm Width)	10-VDFDN Exposed Pad, CSP	24-CDIP (0.600", 15.24mm)
Number of D/A Converters	1	4	2	1
Supplier Device Package	28-SOIC	14-TSSOP	10-LFCS-PWD (3x3)	24-CDIP
Output Type	Current - Unbuffered	Voltage - Buffered	Voltage - Buffered	Current - Unbuffered
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Series	-	nanoDAC®	nanoDAC®	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole

AD565AJRZ Datasheet PDF

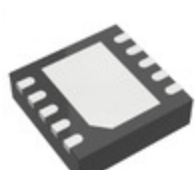
Download AD565AJRZ pdf datasheets and Analog Devices Inc. documentation for AD565AJRZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

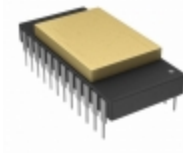
Customers Also Interested in

Recommended Products



AD5660ACPZ-1RL7

ADI (Analog Devices, Inc.)

**AD5645RBRUZ-REEL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 14TSSOP**AD5647RBCPZ-REEL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 10LFCSP**AD565AJD**Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP**AD5647RBRMZ**Analog Devices Inc.
IC DAC 14BIT V-OUT 10MSOP**AD565ASD/883**

ADI (Analog Devices, Inc.)

**AD5647RBCPZ**

ADI (Analog Devices, Inc.)

**AD5660ACPZ-3RL7**

ADI (Analog Devices, Inc.)

**AD5648BRUZ-1**Analog Devices Inc.
IC DAC 14BIT V-OUT 14TSSOP**AD5648BRUZ-2**Analog Devices Inc.
IC DAC 14BIT V-OUT 16TSSOP**AD565AKD**Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP**AD5648ARUZ-2**Analog Devices Inc.
IC DAC 14BIT V-OUT 16TSSOP**AD565ASD**Analog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP**AD5648BRUZ-2REEL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 16TSSOP**AD565AJR**Analog Devices Inc.
IC DAC 12BIT A-OUT 28SOIC**AD565KD/BIN**

ADI (Analog Devices, Inc.)

AD565ATDAnalog Devices Inc.
IC DAC 12BIT A-OUT 24CDIP**AD565ATD/883B**Analog Devices Inc.
IC DAC 12BIT MONO 250NS 24CDIP

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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