

Image may be representation.
See specifications for product details.



AD5683RACPZ-RL7

Manufacturer Part Number	AD5683RACPZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5683RACPZ-RL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 16BIT V-OUT 8LFCSP
Package	8-UFDNF Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5683RACPZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5683RACPZ-RL7 datasheet/specifications on AllelcoElec.com.
Request a quote for AD5683RACPZ-RL7, please send us email: info@allelco.com

Specifications

AD5683RACPZ-RL7 Tech Specifications
AD5683RACPZ-RL7 - 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	1
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	16
Supplier Device Package	8-LFCSP-UD (2x2)	Mounting Type	Surface Mount
Settling Time	7µs	INL/DNL (LSB)	±8 (Max), ±1 (Max)
Series	nanoDAC+®	Differential Output	No
Reference Type	External, Internal	Data Interface	SPI
Package / Case	8-UFDNF Exposed Pad, CSP	Base Product Number	AD5683
Package	Tape & Reel (TR)	Architecture	String DAC
Output Type	Voltage - Buffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5683RACPZ-RL7

Product Attribute				
Part Number	AD5683RACPZ-RL7	AD5684BCPZ-RL7	AD5683RBCPZ-1RL7	AD5683RBRMZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Differential Output	No	No	No	No
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.8V ~ 5.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Data Interface	SPI	SPI	SPI	SPI
Number of Bits	16	12	16	16
Supplier Device Package	8-LFCSP-UD (2x2)	16-LFCSP (3x3)	8-LFCSP-UD (2x2)	10-MSOP
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Series	nanoDAC+®	nanoDAC+®	nanoDAC+®	nanoDAC+®
INL/DNL (LSB)	±8 (Max), ±1 (Max)	±0.12, ±1 (Max)	±3 (Max), ±1 (Max)	±3 (Max), ±1 (Max)
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Reference Type	External, Internal	External	External, Internal	External, Internal
Package / Case	8-UFDNF Exposed Pad, CSP	16-WFQFN Exposed Pad, CSP	8-UFDNF Exposed Pad, CSP	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Digital	2.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Number of D/A Converters	1	4	1	1
Architecture	String DAC	String DAC	String DAC	String DAC
Settling Time	7µs	7µs	7µs	7µs
Base Product Number	AD5683	AD5684	AD5683	AD5683

AD5683RACPZ-RL7 Datasheet PDF

Download AD5683RACPZ-RL7 pdf datasheets and Analog Devices Inc. documentation for AD5683RACPZ-RL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)


Other Related Documents

[Tape and Reel Packaging.pdf](#)

[ADI Programmable Log Controller Solutions.pdf](#)

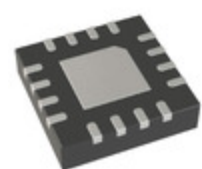
PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

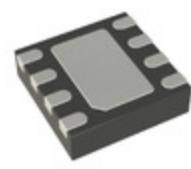
 2.73KHz.pdf

Customers Also Interested in

Recommended Products



AD5684BCPZ-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP



AD5683RBCPZ-1RL7
Analog Devices Inc.
IC DAC 16BIT V-OUT 8LFCSP



AD5683RBRMZ-RL7
Analog Devices Inc.
IC DAC 16BIT V-OUT 10MSOP



AD5683RBRMZ-3
Analog Devices Inc.
IC DAC 16BIT V-OUT 10MSOP



AD5681RBCPZ-1
ADI (Analog Devices, Inc.)



AD5683RBRMZ-3-RL7
Analog Devices Inc.
IC DAC 16BIT V-OUT 10MSOP



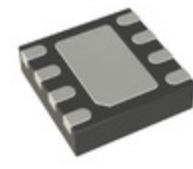
AD5681RBRMZ-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 10MSOP



AD5680BRJZ-2500RL7
Analog Devices Inc.
IC DAC 18BIT V-OUT SOT23-8



AD5681RBRMZ
Analog Devices Inc.
IC DAC 12BIT V-OUT 10MSOP



AD5682RBCPZ-RL7
Analog Devices Inc.
IC DAC 14BIT V-OUT 8LFCSP



AD5683RBRMZ
Analog Devices Inc.
IC DAC 16BIT V-OUT 10MSOP



AD5683RARMZ
Analog Devices Inc.
IC DAC 16BIT V-OUT 10MSOP



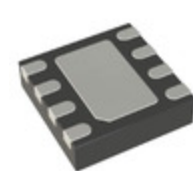
AD5681RBCPZ-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 8LFCSP



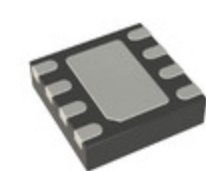
AD5680BRJZ-1REEL7
Analog Devices Inc.
IC DAC SOT23-8



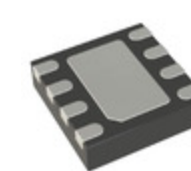
AD5683RARMZ-RL7
Analog Devices Inc.
IC DAC 16BIT V-OUT 10MSOP



AD5683RACPZ-1RL7
Analog Devices Inc.
IC DAC 16BIT V-OUT 8LFCSP



AD5683RACPZ-2RL7
Analog Devices Inc.
IC DAC 16BIT V-OUT 8LFCSP



AD5683RBCPZ-RL7
Analog Devices Inc.
IC DAC 16BIT V-OUT 8LFCSP

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
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com