

Image may be representation.
See specifications for product details.



AD5686RACPZ-RL7

Manufacturer Part Number	AD5686RACPZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5686RACPZ-RL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 16BIT V-OUT 16LFCSP
Package	16-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5686RACPZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5686RACPZ-RL7 datasheet/specifications on AllelcoElec.com.
Request a quote for AD5686RACPZ-RL7, please send us email: info@allelco.com

Specifications

AD5686RACPZ-RL7 Tech Specifications
AD5686RACPZ-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	1.8V ~ 5.5V	Number of D/A Converters	4
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	16
Supplier Device Package	16-LFCSP (3x3)	Mounting Type	Surface Mount
Settling Time	8µs	INL/DNL (LSB)	±2, ±1 (Max)
Series	nanoDAC+®	Differential Output	No
Reference Type	External, Internal	Data Interface	SPI, DSP
Package / Case	16-WFQFN Exposed Pad, CSP	Base Product Number	AD5686
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. AD5686RACPZ-RL7

Product Attribute				
Part Number	AD5686RACPZ-RL7	AD5687RBRUZ	AD5686ARUZ	AD5685RBCPZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Interface	SPI, DSP	SPI, DSP	SPI	SPI, DSP
Supplier Device Package	16-LFCSP (3x3)	16-TSSOP	16-TSSOP	16-LFCSP (3x3)
Series	nanoDAC+®	nanoDAC+®	nanoDAC+®	nanoDAC+®
Voltage - Supply, Digital	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Base Product Number	AD5686	AD5687	AD5686	AD5685
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Differential Output	No	No	No	No
Reference Type	External, Internal	External, Internal	External	External, Internal
Architecture	String DAC	String DAC	String DAC	String DAC
Package / Case	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-WFQFN Exposed Pad, CSP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Number of Bits	16	12	16	14
Settling Time	8µs	7µs	8µs	8µs
Number of D/A Converters	4	2	4	4
INL/DNL (LSB)	±2, ±1 (Max)	±0.12, ±1 (Max)	±2, ±1 (Max)	±0.5, ±1 (Max)

AD5686RACPZ-RL7 Datasheet PDF

Download AD5686RACPZ-RL7 pdf datasheets and Analog Devices Inc. documentation for AD5686RACPZ-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

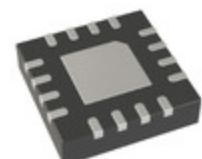
Recommended Products



AD5687RBRUZ
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP



AD5686ARUZ
Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP



AD5685RBCPZ-RL7
Analog Devices Inc.
IC DAC 14BIT V-OUT 16LFCSP



AD5686RBRUZ-RL7
Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP



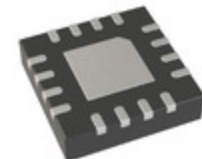
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Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP



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Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP



AD5684RARUZ-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP



AD5687RBCPZ-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP



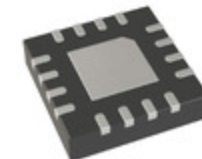
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IC DAC 12BIT V-OUT 16TSSOP



AD5684RARUZ
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP



AD5686RARUZ-RL7
Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP



AD5687BCPZ-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16LFCSP



AD5686RBRUZ
Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP



AD5685RARUZ
Analog Devices Inc.
IC DAC 14BIT V-OUT 16TSSOP



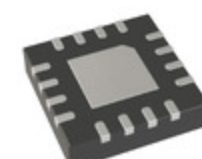
AD5686BRUZ
Analog Devices Inc.
IC DAC 16BIT V-OUT 16TSSOP



AD5684RBRUZ
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP



AD5684RBRUZ-RL7
Analog Devices Inc.
IC DAC 12BIT V-OUT 16TSSOP



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

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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info@allelco.com

Certifications & Memberships



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