

Image may be representation.  
See specifications for product details.



## AD5693BCPZ-RL7

Manufacturer Part Number	<b>AD5693BCPZ-RL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5693BCPZ-RL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 16BIT V-OUT 8LFCSP
Package	8-UFDNF Exposed Pad, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD5693BCPZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5693BCPZ-RL7 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5693BCPZ-RL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5693BCPZ-RL7 Tech Specifications  
AD5693BCPZ-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)	±3 (Max), ±1 (Max)
Series	nanoDAC+®	Differential Output	No
Reference Type	External	Data Interface	I²C
Package / Case	8-UFDNF Exposed Pad, CSP	Base Product Number	AD5693
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. AD5693BCPZ-RL7

Product Attribute				
Part Number	AD5693BCPZ-RL7	AD5693RARMZ	AD568JQ	AD5693RBRMZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Digital	2.7V ~ 5.5V	1.8V ~ 5.5V	5V	1.8V ~ 5.5V
Differential Output	No	No	No	No
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	0°C ~ 70°C	-40°C ~ 105°C
Settling Time	7µs	7µs	35µs (Typ)	7µs
Data Interface	I²C	I²C	Parallel	I²C
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	±13.5V ~ 16.5V	2.7V ~ 5.5V
Number of D/A Converters	1	1	1	1
Supplier Device Package	8-LFCSP-UD (2x2)	10-MSOP	24-CDIP	10-MSOP
Package	Tape & Reel (TR)	Tube	Tube	Tube
Series	nanoDAC+®	nanoDAC+®	-	nanoDAC+®
INL/DNL (LSB)	±3 (Max), ±1 (Max)	±8 (Max), ±1 (Max)	±0.75 (Max), ±1 (Max)	±3 (Max), ±1 (Max)
Number of Bits	16	16	12	16
Reference Type	External	External, Internal	Internal	External, Internal
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Output Type	Voltage - Buffered	Voltage - Buffered	Current - Unbuffered	Voltage - Buffered
Package / Case	8-UFDNF Exposed Pad, CSP	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	24-CDIP (0.300", 7.62mm)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Base Product Number	AD5693	AD5693	AD568	AD5693
Architecture	String DAC	String DAC	R-2R	String DAC

### AD5693BCPZ-RL7 Datasheet PDF

Download AD5693BCPZ-RL7 pdf datasheets and Analog Devices Inc. documentation for AD5693BCPZ-RL7 - Analog Devices Inc..

#### Datasheets


[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

#### PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

 2.73KHz.pdf

## Customers Also Interested in

### Recommended Products



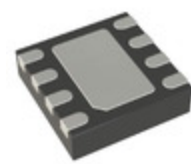
**AD5693RARMZ**  
Analog Devices Inc.  
IC DAC 16BIT V-OUT 10MSOP



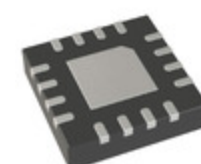
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Analog Devices Inc.  
IC DAC 12BIT A-OUT 24CDIP



**AD5693RBRMZ**  
Analog Devices Inc.  
IC DAC 16BIT V-OUT 10MSOP



**AD5693RACPZ-RL7**  
Analog Devices Inc.  
IC DAC 16BIT V-OUT 8LFCSP



**AD5694RBCPZ-RL7**  
Analog Devices Inc.  
IC DAC 12BIT V-OUT 16LFCSP



**AD5695RBRUZ**  
Analog Devices Inc.  
IC DAC 14BIT V-OUT 16TSSOP



**AD5693RBRMZ-RL7**  
Analog Devices Inc.  
IC DAC 16BIT V-OUT 10MSOP



**AD5691RBRMZ-RL7**  
Analog Devices Inc.  
IC DAC 12BIT V-OUT 10MSOP



**AD568SQ**  
Analog Devices Inc.  
IC DAC 12BIT A-OUT 24CDIP



**AD5691RBCPZ-RL7**  
Analog Devices Inc.  
IC DAC 12BIT V-OUT 8LFCSP



**AD568KQ**  
Analog Devices Inc.  
IC DAC 12BIT A-OUT 24CDIP



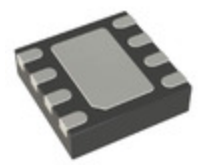
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IC DAC 12BIT V-OUT 16TSSOP



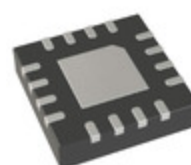
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Analog Devices Inc.  
IC DAC 12BIT V-OUT 10MSOP



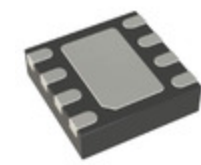
**AD5693RARMZ-RL7**  
Analog Devices Inc.  
IC DAC 16BIT V-OUT 10MSOP



**AD5691RACPZ-1RL7**  
Analog Devices Inc.  
IC DAC 12BIT V-OUT 8LFCSP



**AD5694BCPZ-RL7**  
Analog Devices Inc.  
IC DAC 12BIT V-OUT 16LFCSP



**AD5693RACPZ-1RL7**  
Analog Devices Inc.  
IC DAC 16BIT V-OUT 8LFCSP



**AD568SQ/883B**  
Analog Devices Inc.  
IC DAC 12BIT HS MONO 35NS 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.

-  Phone  
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-  Email  
info@allelco.com

### Certifications & Memberships



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### Contact us

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