

Image may be representation.  
See specifications for product details.



## AD5142ABCPZ100-RL7

Manufacturer Part Number	<b>AD5142ABCPZ100-RL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5142ABCPZ100-RL7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC DGTL POT 100KOHM 16LFCSP
Package	16-WFQFN Exposed Pad, CSP
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AD5142ABCPZ100-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5142ABCPZ100-RL7 datasheet/specifications on AllelcoElec.com. Request a quote for AD5142ABCPZ100-RL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5142ABCPZ100-RL7 Tech Specifications  
AD5142ABCPZ100-RL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tape & Reel (TR)
Voltage - Supply	2.3V ~ 5.5V, ±2.25V ~ 2.75V	Operating Temperature	-40°C ~ 125°C
Tolerance	±8%	Number of Taps	256
Temperature Coefficient (Typ)	35ppm/°C	Number of Circuits	2
Taper	Linear	Mounting Type	Surface Mount
Supplier Device Package	16-LFCSP (3x3)	Memory Type	Non-Volatile
Series	-	Interface	I²C
Resistance - Wiper (Ohms) (Typ)	130	Features	Selectable Address
Resistance (Ohms)	100k	Configuration	Potentiometer
Package / Case	16-WFQFN Exposed Pad, CSP	Base Product Number	AD5142

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5142ABCPZ100-RL7

Product Attribute				
Part Number	AD5142ABCPZ100-RL7	AD5141BCPZ100-RL7	AD5123BCPZ10-RL7	AD5122BRUZ100
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Tolerance	±8%	±8%	±8%	±8%
Taper	Linear	Linear	Linear	Linear
Resistance (Ohms)	100k	100k	10k	100k
Number of Circuits	2	1	4	2
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Temperature Coefficient (Typ)	35ppm/°C	35ppm/°C	35ppm/°C	35ppm/°C
Number of Taps	256	256	128	128
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	AD5142	AD5141	AD5123	AD5122
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Configuration	Potentiometer	Potentiometer	Potentiometer	Potentiometer
Resistance - Wiper (Ohms) (Typ)	130	130	55	130
Package / Case	16-WFQFN Exposed Pad, CSP	16-WFQFN Exposed Pad, CSP	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width)
Interface	I²C	I²C, SPI	I²C	SPI
Voltage - Supply	2.3V ~ 5.5V, ±2.25V ~ 2.75V	2.3V ~ 5.5V, ±2.25V ~ 2.75V	2.3V ~ 5.5V, ±2.25V ~ 2.75V	2.3V ~ 5.5V, ±2.25V ~ 2.75V
Supplier Device Package	16-LFCSP (3x3)	16-LFCSP (3x3)	16-LFCSP (3x3)	16-TSSOP
Series	-	-	-	-
Features	Selectable Address	Selectable Address	Selectable Address	Cascade Pin

### AD5142ABCPZ100-RL7 Datasheet PDF

Download AD5142ABCPZ100-RL7 pdf datasheets and Analog Devices Inc. documentation for AD5142ABCPZ100-RL7 - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

[How to Build Programmable Oscillators Using Digita.pdf](#)


#### HTML Datasheet

 Cylindrical Battery Holders.pdf

## PCN Design/Specification

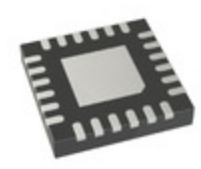
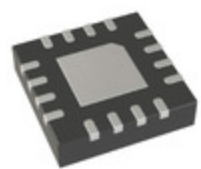
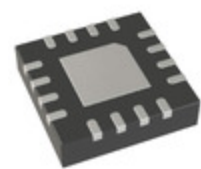
 Cylindrical Battery Holders.pdf

## PCN Assembly/Origin

 2.73KHz.pdf

## Customers Also Interested in

### Recommended Products



#### AD5143BCPZ10

ADI (Analog Devices, Inc.)

#### AD5141BCPZ100-RL7

Analog Devices Inc.  
IC DGTL POT 100KOHM 16LFCSP

#### AD5123BCPZ10-RL7

Analog Devices Inc.  
IC DGTL POT 10KOHM 16LFCSP

#### AD5122BRUZ100

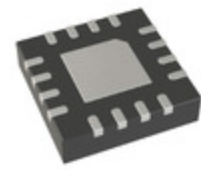
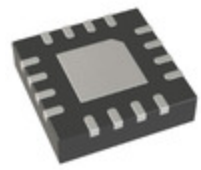
Analog Devices Inc.  
IC DGT POT 100KOHM 128TP  
16TSSOP

#### AD5142ABRUZ10

Analog Devices Inc.  
IC DGT POT 10KOHM 256TAP  
16TSSOP

#### AD5124BCPZ100-RL7

Analog Devices Inc.  
IC DGTL POT 100KOHM 24LFCSP



#### AD5144ABRUZ100

Analog Devices Inc.  
IC DGT POT 100KOHM 256TP  
20TSSOP

#### AD5142ABRUZ10-RL7

Analog Devices Inc.  
256TAP, DUAL DIGIPOT, NVM, I2C

#### AD5142BCPZ10-RL7

Analog Devices Inc.  
IC DGTL POT 10KOHM 16LFCSP

#### AD5141BCPZ10-RL7

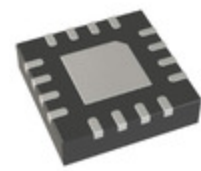
Analog Devices Inc.  
IC DGTL POT 10KOHM 16LFCSP

#### AD5122BRUZ100-RL7

Analog Devices Inc.  
128TAP, DUAL DIGIPOT, NVM, SPI

#### AD5124BCPZ100-R

ADI (Analog Devices, Inc.)



#### AD5144ABRUZ100-RL7

Analog Devices Inc.  
IC DGT POT 100KOHM 256TP  
20TSSOP

#### AD5142ABRUZ100

Analog Devices Inc.  
IC DGT POT 100KOHM 256TP  
16TSSOP

#### AD5142BRUZ100

Analog Devices Inc.  
IC DGT POT 100KOHM 256TP  
16TSSOP

#### AD5142ABCPZ10-RL7

Analog Devices Inc.  
IC DGTL POT 10KOHM 16LFCSP

#### AD5144ABRUZ10

Analog Devices Inc.  
IC DGT POT 10KOHM 256TAP  
20TSSOP

#### AD5142ABRUZ100-RL7

Analog Devices Inc.  
256TAP, DUAL DIGIPOT, NVM, I2C

## 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 Alleco 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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