



Image may be representation.  
See specifications for product details.



## AD5142BRUZ100

Manufacturer Part Number	<b>AD5142BRUZ100</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5142BRUZ100
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DGT POT 100KOHM 256TP 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD5142BRUZ100 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5142BRUZ100 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5142BRUZ100, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5142BRUZ100 Tech Specifications  
AD5142BRUZ100 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
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-TSSOP	Memory Type	Non-Volatile
Series	-	Interface	SPI
Resistance - Wiper (Ohms) (Typ)	130	Features	Cascade Pin
Resistance (Ohms)	100k	Configuration	Potentiometer
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Base Product Number	AD5142

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5142BRUZ100

Product Attribute				
Part Number	AD5142BRUZ100	AD5142ABRUZ100-RL7	AD5144ABRUZ10	AD5144ABRUZ100-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	16-TSSOP	16-TSSOP	20-TSSOP	20-TSSOP
Tolerance	±8%	±8%	±8%	±8%
Base Product Number	AD5142	AD5142	AD5144	AD5144
Resistance (Ohms)	100k	100k	10k	100k
Series	-	Automotive	-	-
Resistance - Wiper (Ohms) (Typ)	130	130	55	130
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Number of Taps	256	256	256	256
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Taper	Linear	Linear	Linear	Linear
Number of Circuits	2	2	4	4
Interface	SPI	I²C	I²C	I²C
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
Temperature Coefficient (Typ)	35ppm/°C	35ppm/°C	35ppm/°C	35ppm/°C
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Features	Cascade Pin	Selectable Address	Selectable Address	Selectable Address
Package / Case	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173', 4.40mm Width)	20-TSSOP (0.173', 4.40mm Width)
Configuration	Potentiometer	Potentiometer	Potentiometer	Potentiometer

### AD5142BRUZ100 Datasheet PDF

Download AD5142BRUZ100 pdf datasheets and Analog Devices Inc. documentation for AD5142BRUZ100 - Analog Devices Inc..

#### Datasheets

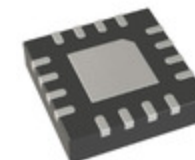
[Cylindrical Battery Holders.pdf](#)

#### PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

### Customers Also Interested in

## Recommended Products



### AD5143BCPZ10

ADI (Analog Devices, Inc.)

### AD5142ABRUZ100-RL7

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

### AD5144ABRUZ10

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

### AD5144ABRUZ100-RL7

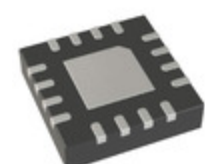
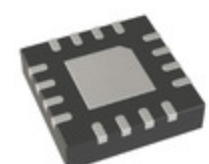
Analog Devices Inc.  
IC DGT POT 100KOHM 256TP  
20TSSOP

### AD5144ABRUZ100

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

### AD5141BCPZ100-RL7

Analog Devices Inc.  
IC DGT POT 100KOHM 16LFCSP



### AD5141BCPZ10-RL7

Analog Devices Inc.  
IC DGT POT 10KOHM 16LFCSP

### AD5142ABCPZ10-RL7

Analog Devices Inc.  
IC DGT POT 10KOHM 16LFCSP

### AD5141BCPZ100

ADI (Analog Devices, Inc.)

### AD5142ABRUZ10

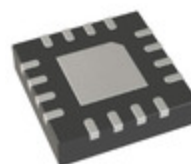
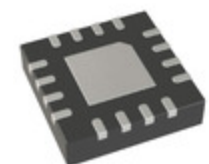
Analog Devices Inc.  
IC DGT POT 10KOHM 256TAP  
16TSSOP

### AD515AKH

Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT TO99

### AD5144BCPZ100

ADI (Analog Devices, Inc.)



### AD5142ABCPZ100-RL7

Analog Devices Inc.  
IC DGT POT 100KOHM 16LFCSP

### AD5144BCPZ100-RL7

Analog Devices Inc.  
IC DGT POT 100KOHM 24LFCSP

### AD5142BCPZ10-RL7

Analog Devices Inc.  
IC DGT POT 10KOHM 16LFCSP

### AD5144BRUZ10

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

### AD5142ABRUZ10-RL7

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

### AD5142ABRUZ100

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

## 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.

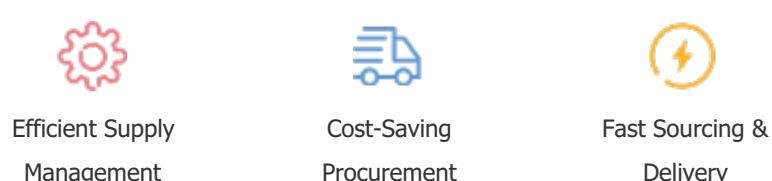
Contact us if you have any questions.

## Payment Support

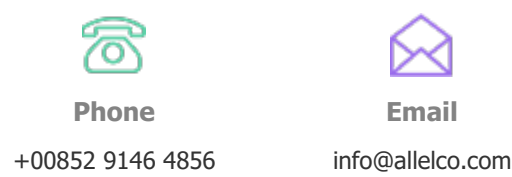
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



+00852 9146 4856

info@allelco.com

## Certifications & Memberships



View More



WWW.ALLELCOELEC.COM

## 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

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.