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See specifications for product details.



AD5142BCPZ10-RL7

Manufacturer Part Number	AD5142BCPZ10-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5142BCPZ10-RL7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC DGTL POT 10KOHM 16LFCSP
Package	16-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5142BCPZ10-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5142BCPZ10-RL7 datasheet/specifications on AllelcoElec.com.
Request a quote for AD5142BCPZ10-RL7, please send us email: info@allelco.com

Specifications

AD5142BCPZ10-RL7 Tech Specifications
AD5142BCPZ10-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	SPI
Resistance - Wiper (Ohms) (Typ)	55	Features	Cascade Pin
Resistance (Ohms)	10k	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. AD5142BCPZ10-RL7

Product Attribute				
Part Number	AD5142BCPZ10-RL7	AD5144ABRUZ100	AD5141BCPZ10-RL7	AD5142ABRUZ100-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Number of Taps	256	256	256	256
Configuration	Potentiometer	Potentiometer	Potentiometer	Potentiometer
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Supplier Device Package	16-LFCSP (3x3)	20-TSSOP	16-LFCSP (3x3)	16-TSSOP
Number of Circuits	2	4	1	2
Package / Case	16-WFQFN Exposed Pad, CSP	20-TSSOP (0.173", 4.40mm Width)	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Temperature Coefficient (Typ)	35ppm/°C	35ppm/°C	35ppm/°C	35ppm/°C
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
Tolerance	±8%	±8%	±8%	±8%
Interface	SPI	I²C	I²C, SPI	I²C
Taper	Linear	Linear	Linear	Linear
Series	-	-	-	Automotive
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Resistance - Wiper (Ohms) (Typ)	55	130	55	130
Resistance (Ohms)	10k	100k	10k	100k
Features	Cascade Pin	Selectable Address	Selectable Address	Selectable Address
Base Product Number	AD5142	AD5144	AD5141	AD5142

AD5142BCPZ10-RL7 Datasheet PDF

Download AD5142BCPZ10-RL7 pdf datasheets and Analog Devices Inc. documentation for AD5142BCPZ10-RL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[Tape and Reel Packaging.pdf](#)

PCN Assembly/Origin

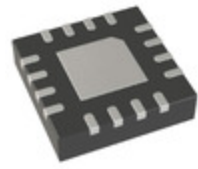
PCN Design/Specification

Customers Also Interested in

Recommended Products



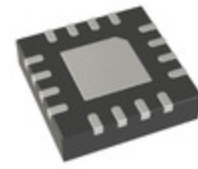
AD5144ABRUZ100
Analog Devices Inc.
IC DGT POT 100KOHM 256TP
20TSSOP



AD5141BCPZ10-RL7
Analog Devices Inc.
IC DGT POT 10KOHM 16LFCSP



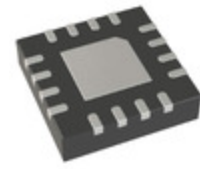
AD5142ABRUZ100-RL7
Analog Devices Inc.
256TAP, DUAL DIGIPOT, NVM, I2C



AD5142ABCPZ100-RL7
Analog Devices Inc.
IC DGT POT 100KOHM 16LFCSP



AD5142ABRUZ10
Analog Devices Inc.
IC DGT POT 10KOHM 256TAP
16TSSOP



AD5141BCPZ100-RL7
Analog Devices Inc.
IC DGT POT 100KOHM 16LFCSP



AD5130BRTZ
ADI (Analog Devices, Inc.)



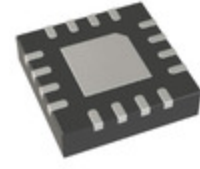
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Analog Devices Inc.
IC DGT POT 100KOHM 256TP
20TSSOP



AD5142BRUZ100
Analog Devices Inc.
IC DGT POT 100KOHM 256TP
16TSSOP



AD5142ABRUZ10-RL7
Analog Devices Inc.
256TAP, DUAL DIGIPOT, NVM, I2C



AD5144BRUZ10
Analog Devices Inc.
IC DGT POT 10KOHM 256TAP
20TSSOP

AD5142ABCPZ10-RL7
Analog Devices Inc.
IC DGT POT 10KOHM 16LFCSP



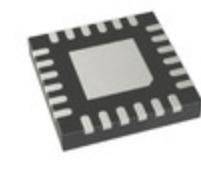
AD5144BCPZ100
ADI (Analog Devices, Inc.)



AD5142ABRUZ100
Analog Devices Inc.
IC DGT POT 100KOHM 256TP
16TSSOP



AD515AKH
Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT TO99



AD5143BCPZ10
ADI (Analog Devices, Inc.)



AD5144BCPZ100-RL7
Analog Devices Inc.
IC DGT POT 100KOHM 24LFCSP

AD5144ABRUZ10
Analog Devices Inc.
IC DGT POT 10KOHM 256TAP
20TSSOP

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
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Certifications & Memberships



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