



Image may be representation.
See specifications for product details.



AD5142ABRUZ100

Manufacturer Part Number	AD5142ABRUZ100
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5142ABRUZ100
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	Cylindrical Battery Holders.pdf Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5142ABRUZ100 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5142ABRUZ100 datasheet/specifications on AllelcoElec.com.
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Specifications

AD5142ABRUZ100 Tech Specifications
AD5142ABRUZ100 - 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	I²C
Resistance - Wiper (Ohms) (Typ)	130	Features	Selectable Address
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. AD5142ABRUZ100

Product Attribute				
Part Number	AD5142ABRUZ100	AD5144ABRUZ100	AD5142BRUZ100	AD5142ABRUZ10-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Number of Circuits	2	4	2	2
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Taps	256	256	256	256
Package	Tube	Tube	Tube	Tape & Reel (TR)
Tolerance	±8%	±8%	±8%	±8%
Configuration	Potentiometer	Potentiometer	Potentiometer	Potentiometer
Features	Selectable Address	Selectable Address	Cascade Pin	Selectable Address
Taper	Linear	Linear	Linear	Linear
Base Product Number	AD5142	AD5144	AD5142	AD5142
Supplier Device Package	16-TSSOP	20-TSSOP	16-TSSOP	16-TSSOP
Resistance - Wiper (Ohms) (Typ)	130	130	130	55
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
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	16-TSSOP (0.173', 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)
Interface	I²C	I²C	SPI	I²C
Resistance (Ohms)	100k	100k	100k	10k
Series	-	-	-	Automotive

AD5142ABRUZ100 Datasheet PDF

Download AD5142ABRUZ100 pdf datasheets and Analog Devices Inc. documentation for AD5142ABRUZ100 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents




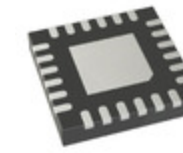

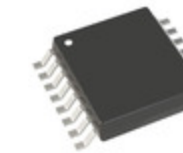
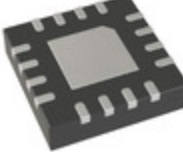

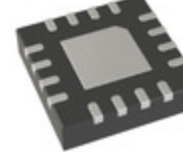


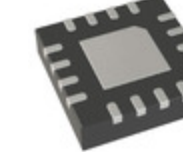
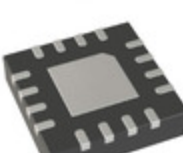

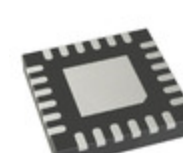


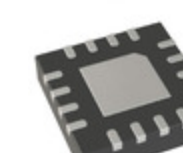
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HTML Datasheet

PCN Design/Specification

Customers Also Interested in

Recommended Products

					
AD5144ABRUZ100 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	AD5124BCPZ100-RL7 Analog Devices Inc. IC DGT POT 100KOHM 24LFCSP	AD5144ABRUZ10 Analog Devices Inc. IC DGT POT 10KOHM 256TAP 20TSSOP	AD5142ABRUZ10 Analog Devices Inc. IC DGT POT 10KOHM 256TAP 16TSSOP
					
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AD5141BCPZ10-RL7 Analog Devices Inc. IC DGT POT 10KOHM 16LFCSP	AD5142ABRUZ100-RL7 Analog Devices Inc. 256TAP, DUAL DIGIPOT, NVM, I2C	AD5144BCPZ100-RL7 Analog Devices Inc. IC DGT POT 100KOHM 24LFCSP	AD5124BCPZ100-R ADI (Analog Devices, Inc.)	AD5144ABRUZ100-RL7 Analog Devices Inc. IC DGT POT 100KOHM 256TP 20TSSOP	AD5141BCPZ100-RL7 Analog Devices Inc. IC DGT POT 100KOHM 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.



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