



Image may be representation.  
See specifications for product details.



## AD5165BUJZ100-R7

Manufacturer Part Number	<b>AD5165BUJZ100-R7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5165BUJZ100-R7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DGT POT 100KOHM 256TAP TSOT23
Package	SOT-23-8 Thin, TSOT-23-8
Data sheet	<b>AD5165.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD5165BUJZ100-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5165BUJZ100-R7 datasheet/specifications on AllelcoElec.com. Request a quote for AD5165BUJZ100-R7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5165BUJZ100-R7 Tech Specifications  
AD5165BUJZ100-R7 - 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	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Tolerance	±20%	Number of Taps	256
Temperature Coefficient (Typ)	35ppm/°C	Number of Circuits	1
Taper	Linear	Mounting Type	Surface Mount
Supplier Device Package	TSOT-23-8	Memory Type	Volatile
Series	-	Interface	SPI
Resistance - Wiper (Ohms) (Typ)	160	Features	-
Resistance (Ohms)	100k	Configuration	Potentiometer
Package / Case	SOT-23-8 Thin, TSOT-23-8	Base Product Number	AD5165

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5165BUJZ100-R7

Product Attribute				
Part Number	AD5165BUJZ100-R7	AD5171BRJ50-RL7	AD5162WBRMZ100-RL7	AD5162BRMZ50
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	-	-	Automotive	-
Package / Case	SOT-23-8 Thin, TSOT-23-8	SOT-23-8	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)
Taper	Linear	Logarithmic	Linear	Linear
Interface	SPI	I <sup>2</sup> C	SPI	SPI
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Resistance - Wiper (Ohms) (Typ)	160	-	160	160
Supplier Device Package	TSOT-23-8	SOT-23-8	10-MSOP	10-MSOP
Resistance (Ohms)	100k	50k	100k	50k
Tolerance	±20%	-	±20%	±20%
Base Product Number	AD5165	AD5171	AD5162	AD5162
Configuration	Potentiometer	-	Potentiometer	Potentiometer
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Taps	256	64	256	256
Temperature Coefficient (Typ)	35ppm/°C	35ppm/°C	35ppm/°C	35ppm/°C
Number of Circuits	1	1	2	2
Features	-	-	-	-
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Memory Type	Volatile	Non-Volatile	Volatile	Volatile

### AD5165BUJZ100-R7 Datasheet PDF

Download AD5165BUJZ100-R7 pdf datasheets and Analog Devices Inc. documentation for AD5165BUJZ100-R7 - Analog Devices Inc..

#### Datasheets



















[AD5165.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

### Customers Also Interested in

## Recommended Products

					
<b>AD5171BRJ50-RL7</b> Analog Devices Inc. IC DGTL POT OTP 50K SOT23-8	<b>AD51652-MH08NRR</b> ESMT	<b>AD5171BRJ50-R7</b> ADI (Analog Devices, Inc.)	<b>AD5162WBRMZ100-RL7</b> Analog Devices Inc. IC DGT POT 100KOHM 256TAP 10MSOP	<b>AD5162BRMZ50</b> Analog Devices Inc. IC DGT POT 50KOHM 256TAP 10MSOP	<b>AD5165BUJZ100</b> ADI (Analog Devices, Inc.)
					
<b>AD5170BRMZ10</b> Analog Devices Inc. IC DGT POT 10KOHM 256TAP 10MSOP	<b>AD5162BRMZ100-RL7</b> Analog Devices Inc. IC DGT POT 100KOHM 256TAP 10MSOP	<b>AD5171BRJ5-R2</b> Analog Devices Inc. IC DGT POT OTP 5K SOT23-8	<b>AD5162BRMZ100</b> Analog Devices Inc. IC DGT POT 100KOHM 256TAP 10MSOP	<b>AD5171BRJZ10</b> ADI (Analog Devices, Inc.)	<b>AD5171BRJ5-RL7</b> Analog Devices Inc. IC DGT POT OTP 5K SOT23-8
					
<b>AD5171BRJ10-RL7</b> ADI (Analog Devices, Inc.)	<b>AD5170BRMZ2.5-RL7</b> Analog Devices Inc. IC DGT POT 2.5KOHM 256TAP 10MSOP	<b>AD5165A-HG</b> ESMT	<b>AD5162BRMZ2.5</b> Analog Devices Inc. IC DGT POT 2.5KOHM 256TAP 10MSOP	<b>AD51652-FH08NR</b> ESMT	<b>AD5162BRMZ10RL7</b> ADI (Analog Devices, Inc.)

## 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

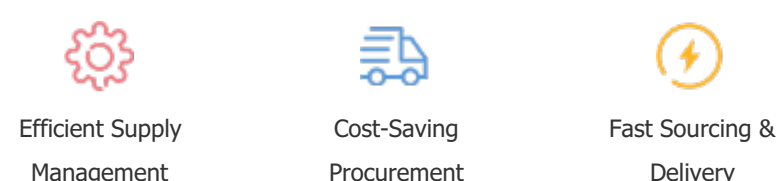
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

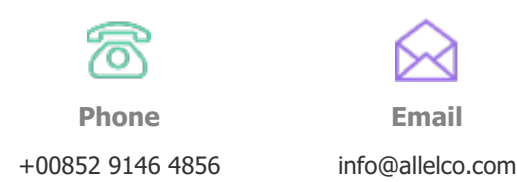
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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