

Image may be representation.  
See specifications for product details.



## AD9625BBPZ-2.5

Manufacturer Part Number	<b>AD9625BBPZ-2.5</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9625BBPZ-2.5
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 12BIT 196BGA
Package	196-LFBGA Exposed Pad
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9625BBPZ-2.5 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9625BBPZ-2.5 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD9625BBPZ-2.5, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD9625BBPZ-2.5 Tech Specifications  
AD9625BBPZ-2.5 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	1
Voltage - Supply, Digital	1.26V ~ 1.32V, 2.4V ~ 2.6V	Number of Bits	12
Voltage - Supply, Analog	1.26V ~ 1.32V, 2.4V ~ 2.6V	Number of A/D Converters	1
Supplier Device Package	196-BGA-ED (12x12)	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	2.5G	Features	-
Reference Type	Internal	Data Interface	JESD204B, SPI
Ratio - S/H:ADC	0:1	Configuration	ADC
Package / Case	196-LFBGA Exposed Pad	Base Product Number	AD9625
Package	Tray	Architecture	Pipelined
Operating Temperature	-40°C ~ 85°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD9625BBPZ-2.5

Product Attribute				
Part Number	AD9625BBPZ-2.5	AD9627BCPZ-150	AD9626BCPZ-170	AD9625BBPZRL-2.5
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tray	Tray	Tray	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Type	Differential	-	Differential	Differential
Base Product Number	AD9625	AD9627	AD9626	AD9625
Supplier Device Package	196-BGA-ED (12x12)	64-LFCSP-VQ (9x9)	56-LFCSP-VQ (8x8)	196-BGA-ED (12x12)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Inputs	1	-	1	1
Configuration	ADC	-	S/H-ADC	S/H-ADC
Data Interface	JESD204B, SPI	SPI	LVDS - Parallel	JESD204B
Number of Bits	12	12	12	12
Series	-	-	-	-
Voltage - Supply, Digital	1.26V ~ 1.32V, 2.4V ~ 2.6V	-	1.58V ~ 1.9V	1.26V ~ 1.32V, 2.4V ~ 2.6V
Package / Case	196-LFBGA Exposed Pad	64-VFQFN Exposed Pad, CSP	56-VFQFN Exposed Pad, CSP	196-LFBGA Exposed Pad
Features	-	-	-	-
Reference Type	Internal	-	Internal	Internal
Ratio - S/H:ADC	0:1	-	1:1	1:1
Sampling Rate (Per Second)	2.5G	150M	170M	2.5G
Number of A/D Converters	1	2	1	1
Architecture	Pipelined	-	Pipelined	Pipelined
Voltage - Supply, Analog	1.26V ~ 1.32V, 2.4V ~ 2.6V	-	1.7V ~ 1.9V	1.26V ~ 1.32V, 2.4V ~ 2.6V

### AD9625BBPZ-2.5 Datasheet PDF

Download AD9625BBPZ-2.5 pdf datasheets and Analog Devices Inc. documentation for AD9625BBPZ-2.5 - Analog Devices Inc..

#### Datasheets




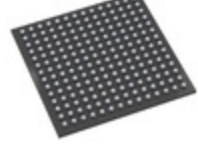

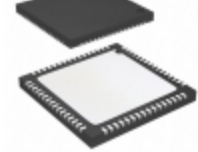





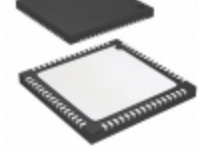


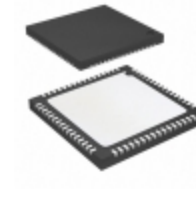
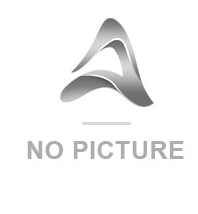


Cylindrical Battery Holders.pdf

#### PCN Assembly/Origin

2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

					
<b>AD9627BCPZ-150</b> Analog Devices Inc. IC A/D 12BIT 150 MSPS DL 64LFCSP	<b>AD9617TQ</b> ADI (Analog Devices, Inc.)	<b>AD9626BCPZ-170</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 56LFCSP	<b>AD9625BBPZRL-2.5</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 196BGA	<b>AD9618BQ</b> ADI (Analog Devices, Inc.)	<b>AD9627ABCPZ-125</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP
					
<b>AD9626BCPZ-250</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 56LFCSP	<b>AD9618AR</b> ADI (Analog Devices, Inc.)	<b>AD9627BCPZ-105</b> Analog Devices Inc. IC A/D 12BIT 105 MSPS DL 64LFCSP	<b>AD9627BCPZ-125</b> Analog Devices Inc. IC A/D 12BIT 125 MSPS DL 64LFCSP	<b>AD9624AR</b> Analog Devices Inc. IC VOLTAGE FEEDBACK 1 CIRC 8SOIC	<b>AD9627ABCPZ-105</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP
					
<b>AD9618JR</b> Analog Devices Inc. IC OPAMP CFA 1 CIRCUIT 8SOIC	<b>AD9618JN</b> ADI (Analog Devices, Inc.)	<b>AD9627ABCPZ-80</b> Analog Devices Inc. IC ADC 12BIT 80MSPS 64LFCSP	<b>AD9625XPBZ-2.5</b> ANALOGDEVICES	<b>AD9618SZ,883</b> ADI (Analog Devices, Inc.)	<b>AD9618JR-REEL</b> Analog Devices Inc. IC OPAMP CFA 1 CIRCUIT 8SOIC

## 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.



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-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

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