

Image may be representation.  
See specifications for product details.



## AD9680BCPZ-500

Manufacturer Part Number	<b>AD9680BCPZ-500</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9680BCPZ-500
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 14BIT PIPELINED 64LFCSP
Package	64-WFQFN Exposed Pad, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9680BCPZ-500 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9680BCPZ-500 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD9680BCPZ-500, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD9680BCPZ-500 Tech Specifications  
AD9680BCPZ-500 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	2
Voltage - Supply, Digital	1.22V ~ 1.28V, 1.7V ~ 3.4V	Number of Bits	14
Voltage - Supply, Analog	1.22V ~ 1.28V, 2.44V ~ 2.56V, 3.2V ~ 3.4V	Number of A/D Converters	2
Supplier Device Package	64-LFCSP (9x9)	Mounting Type	Surface Mount
Series	AD9680	Input Type	Differential
Sampling Rate (Per Second)	500M	Features	-
Reference Type	Internal	Data Interface	JESD204B
Ratio - S/H:ADC	-	Configuration	ADC
Package / Case	64-WFQFN Exposed Pad, CSP	Base Product Number	AD9680
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. AD9680BCPZ-500

Product Attribute				
Part Number	AD9680BCPZ-500	AD9688BQ	AD9680BCPZ-1250	AD9680BCPZ-1000
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Configuration	ADC	S/H-ADC	S/H-ADC	S/H-ADC
Features	-	-	Simultaneous Sampling	Simultaneous Sampling
Voltage - Supply, Digital	1.22V ~ 1.28V, 1.7V ~ 3.4V	-	1.22V ~ 1.28V	1.22V ~ 1.28V
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Package / Case	64-WFQFN Exposed Pad, CSP	18-CDIP (0.300", 7.62mm)	64-WFQFN Exposed Pad, CSP	64-WFQFN Exposed Pad, CSP
Architecture	Pipelined	-	Pipelined	Pipelined
Package	Tray	Bulk	Tray	Tray
Number of Inputs	2	1	2	2
Operating Temperature	-40°C ~ 85°C	-25°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Ratio - S/H:ADC	-	1:1	1:1	1:1
Reference Type	Internal	External	External, Internal	External, Internal
Number of Bits	14	4	14	14
Data Interface	JESD204B	Parallel	JESD204B	JESD204B
Supplier Device Package	64-LFCSP (9x9)	18-CERDIP	64-LFCSP (9x9)	64-LFCSP (9x9)
Base Product Number	AD9680	-	AD9680	AD9680
Series	AD9680	AD9688	-	-
Input Type	Differential	Single Ended	Differential	Differential
Sampling Rate (Per Second)	500M	200M	1.25G	1G
Voltage - Supply, Analog	1.22V ~ 1.28V, 2.44V ~ 2.56V, 3.2V ~ 3.4V	-2.7V ~ 3V	1.25V, 2.5V	1.25V, 2.5V
Number of A/D Converters	2	1	2	2

### AD9680BCPZ-500 Datasheet PDF

Download AD9680BCPZ-500 pdf datasheets and Analog Devices Inc. documentation for AD9680BCPZ-500 - Analog Devices Inc..

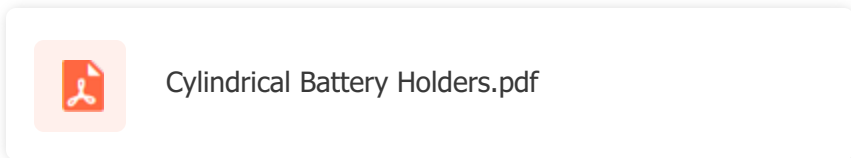
#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[JESD204B Subclasses Part 2.pdf](#)

[Grasp the Critical Issues for a Functioning JESD20.pdf](#)



**Customers Also Interested in**

**Recommended Products**

<b>AD96687BQ</b> Analog Devices Inc. IC COMPARATOR 2 W/LATCH 16CERDIP	<b>AD9688BQ</b> Analog Devices Inc. 4-BIT ADC, 1 CHANNEL, PARALLEL	<b>AD96687BR-REEL</b> Analog Devices Inc. IC COMPARATOR 2 W/LATCH 16SOIC	<b>AD96687BR</b> Analog Devices Inc. IC COMPARATOR 2 W/LATCH 16SOIC	<b>AD9686BA</b> ADI (Analog Devices, Inc.)	<b>AD9670BBCZ</b> Analog Devices Inc. IC AFE 8 CHAN 14BIT 144CSPBGA
<b>AD9680BCPZ-1250</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9680BCPZ-1000</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD96687BRZ-REEL7</b> ADI (Analog Devices, Inc.)	<b>AD9681XBCZ-125</b> ADI (Analog Devices, Inc.)	<b>AD9686TQ</b> Analog Devices Inc. IC COMPAR 1 W/VOLT REF 16CERDIP	<b>AD9686BQ</b> ADI (Analog Devices, Inc.)
<b>AD96687TQ/883B</b> ADI (Analog Devices, Inc.)	<b>AD9684BBPZ-500</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 196BGA	<b>AD9685BD</b> ADI (Analog Devices, Inc.)	<b>AD9671KBCZ</b> Analog Devices Inc. IC AFE 8 CHAN 14BIT 144CSPBGA	<b>AD9687BD</b> ADI (Analog Devices, Inc.)	<b>AD96687BRZ</b> Analog Devices Inc. IC COMPARATOR 2 W/LATCH 16SOIC

**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.

<p><b>Payment Support</b></p> <p>The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.</p>	<p><b>Your Faithful Supply Chain Partner -</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Efficient Supply Management                 </div> <div style="text-align: center;">  Cost-Saving Procurement                 </div> <div style="text-align: center;">  Fast Sourcing &amp; Delivery                 </div> </div> <p><b>Contact us if you have any questions.</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Phone +00852 9146 4856                 </div> <div style="text-align: center;">  Email info@allelco.com                 </div> </div>	<p><b>Certifications &amp; Memberships</b></p> <div style="display: flex; justify-content: space-around;"> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> </div> <p style="text-align: right; font-size: small;">View More</p>
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