

Image may be representation.  
See specifications for product details.



## AD9680BCPZ-1000

Manufacturer Part Number	<b>AD9680BCPZ-1000</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9680BCPZ-1000
ECAD Model	PCB Symbol, Footprint & 3D Mode
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-1000 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9680BCPZ-1000 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD9680BCPZ-1000, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD9680BCPZ-1000 Tech Specifications  
AD9680BCPZ-1000 - 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	Number of Bits	14
Voltage - Supply, Analog	1.25V, 2.5V	Number of A/D Converters	2
Supplier Device Package	64-LFCSP (9x9)	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	1G	Features	Simultaneous Sampling
Reference Type	External, Internal	Data Interface	JESD204B
Ratio - S/H:ADC	1:1	Configuration	S/H-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-1000

Product Attribute				
Part Number	AD9680BCPZ-1000	<b>AD9684BBPZ-500</b>	<b>AD9680BCPZ-500</b>	<b>AD9680BCPZ-1250</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Interface	JESD204B	LVDS - Parallel	JESD204B	JESD204B
Series	-	-	AD9680	-
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Sampling Rate (Per Second)	1G	500M	500M	1.25G
Number of Inputs	2	2	2	2
Voltage - Supply, Analog	1.25V, 2.5V	1.25V, 2.5V	1.22V ~ 1.28V, 2.44V ~ 2.56V, 3.2V ~ 3.4V	1.25V, 2.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of A/D Converters	2	1	2	2
Voltage - Supply, Digital	1.22V ~ 1.28V	1.22V ~ 1.28V	1.22V ~ 1.28V, 1.7V ~ 3.4V	1.22V ~ 1.28V
Reference Type	External, Internal	External, Internal	Internal	External, Internal
Base Product Number	AD9680	AD9684	AD9680	AD9680
Input Type	Differential	Differential	Differential	Differential
Supplier Device Package	64-LFCSP (9x9)	196-BGA-ED (12x12)	64-LFCSP (9x9)	64-LFCSP (9x9)
Configuration	S/H-ADC	S/H-ADC	ADC	S/H-ADC
Package / Case	64-WFQFN Exposed Pad, CSP	196-LFBGA Exposed Pad	64-WFQFN Exposed Pad, CSP	64-WFQFN Exposed Pad, CSP
Package	Tray	Tray	Tray	Tray
Features	Simultaneous Sampling	-	-	Simultaneous Sampling
Number of Bits	14	14	14	14
Ratio - S/H:ADC	1:1	1:1	-	1:1
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C

### AD9680BCPZ-1000 Datasheet PDF

Download AD9680BCPZ-1000 pdf datasheets and Analog Devices Inc. documentation for AD9680BCPZ-1000 - Analog Devices Inc..

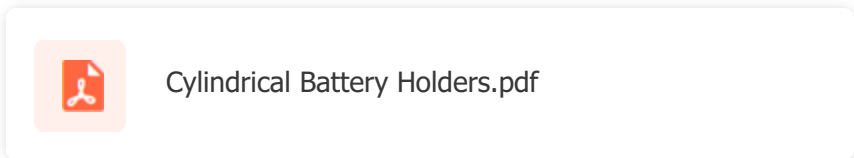
#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents



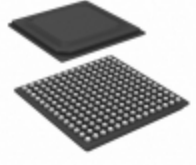
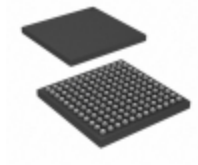
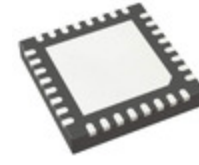










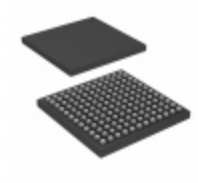


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**Delivery Time**

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.


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