

Image may be representation.  
See specifications for product details.



## AD7768-1BCPZ

Manufacturer Part Number	<a href="#">AD7768-1BCPZ</a>
Manufacturer	<a href="#">Analog Devices, Inc.</a>
Allelco Part Number	32D-AD7768-1BCPZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 24BIT SIGMA-DELTA 28LFCSP
Package	28-WFQFN Exposed Pad, CSP
Data sheet	<a href="#">AD7768-1.pdf</a>
RoHs Status	ROHS3 Compliant

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AD7768-1BCPZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7768-1BCPZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7768-1BCPZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7768-1BCPZ Tech Specifications

AD7768-1BCPZ - 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	-	Number of Bits	24
Voltage - Supply, Analog	2V ~ 5.5V	Number of A/D Converters	1
Supplier Device Package	28-LFCSP (5x4)	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Pseudo-Differential
Sampling Rate (Per Second)	1.024M	Features	Simultaneous Sampling
Reference Type	External	Data Interface	Serial, SPI
Ratio - S/H:ADC	0:1	Configuration	ADC
Package / Case	28-WFQFN Exposed Pad, CSP	Base Product Number	AD7768
Package	Tray	Architecture	Sigma-Delta
Operating Temperature	-40°C ~ 125°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7768-1BCPZ

Product Attribute				
Part Number	AD7768-1BCPZ	<a href="#">AD7768-4BSTZ</a>	<a href="#">AD7767BRUZ</a>	<a href="#">AD7768-4BSTZ-RL7</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Architecture	Sigma-Delta	Sigma-Delta	SAR	Sigma-Delta
Voltage - Supply, Analog	2V ~ 5.5V	2V ~ 5.5V	2.5V	2V ~ 5.5V
Ratio - S/H:ADC	0:1	-	-	-
Package / Case	28-WFQFN Exposed Pad, CSP	64-LQFP	16-TSSOP (0.173", 4.40mm Width)	64-LQFP
Configuration	ADC	ADC	ADC	ADC
Series	-	-	-	-
Base Product Number	AD7768	AD7768	AD7767	AD7768
Operating Temperature	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Data Interface	Serial, SPI	SPI	SPI	SPI
Supplier Device Package	28-LFCSP (5x4)	64-LQFP (10x10)	16-TSSOP	64-LQFP (10x10)
Sampling Rate (Per Second)	1.024M	256k	128k	256k
Input Type	Differential, Pseudo-Differential	Differential	Differential	Differential
Reference Type	External	External	External	External
Voltage - Supply, Digital	-	-	2.5V	-
Number of Inputs	1	4	1	4
Number of A/D Converters	1	4	1	4
Package	Tray	Tray	Tube	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Features	Simultaneous Sampling	Simultaneous Sampling	-	Simultaneous Sampling
Number of Bits	24	24	24	24

### AD7768-1BCPZ Datasheet PDF

Download AD7768-1BCPZ pdf datasheets and Analog Devices Inc. documentation for AD7768-1BCPZ - Analog Devices Inc..

#### Datasheets

[AD7768-1.pdf](#)

#### Other Related Documents

[The Wearable for Machine Health: Condition-Based M.pdf](#)

[The Many Uses of a 200 mA Precision Voltage Refere.pdf](#)

[Manipulating MCU SPI Interface to Access a Nonstan.pdf](#)

## Customers Also Interested in

### Recommended Products



#### AD7769JP

Analog Devices Inc.  
8-BIT SAR ADC, 2 CHANNEL



#### AD7768-4BSTZ

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LQFP



#### AD7767BRUZ

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP



#### AD7768-4BSTZ-RL7

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LQFP



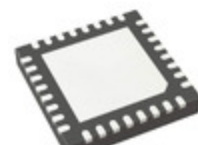
#### AD7766BRUZ-2

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP



#### AD7768BSTZ

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LQFP



#### AD7771BCPZ

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LFCSP



#### AD7766BRUZ-1

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP



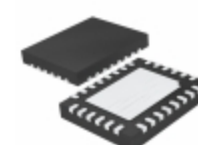
#### AD7767BRUZ-1-RL7

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP



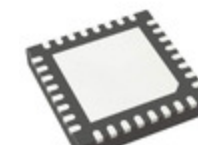
#### AD7767BRUZ-2

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP



#### AD7768-1BCPZ-RL7

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 28LFCSP



#### AD7770ACPZ

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LFCSP



#### AD7767BRUZ-2-RL7

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP



#### AD7767BRUZ-1

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP



#### AD7768BSTZ-RL

Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 64LQFP



#### AD7767BRUZ-RL7

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP



#### AD7766BRUZ-RL7

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP



#### AD7766BRUZ-2-RL7

Analog Devices Inc.  
IC ADC 24BIT SAR 16TSSOP

## 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.



### Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@alleco.com

### Certifications & Memberships



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