

Image may be representation.  
See specifications for product details.



## AD7490BCPZ-REEL7

Manufacturer Part Number	<b>AD7490BCPZ-REEL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7490BCPZ-REEL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 12BIT SAR 32LFCSP
Package	32-VFQFN Exposed Pad, CSP
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AD7490BCPZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7490BCPZ-REEL7 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7490BCPZ-REEL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7490BCPZ-REEL7 Tech Specifications  
AD7490BCPZ-REEL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	16
Voltage - Supply, Digital	2.7V ~ 5.25V	Number of Bits	12
Voltage - Supply, Analog	2.7V ~ 5.25V	Number of A/D Converters	1
Supplier Device Package	32-LFCSP-VQ (5x5)	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	1M	Features	-
Reference Type	External	Data Interface	SPI, DSP
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	32-VFQFN Exposed Pad, CSP	Base Product Number	AD7490
Package	Tape & Reel (TR)	Architecture	SAR
Operating Temperature	-40°C ~ 85°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7490BCPZ-REEL7

Product Attribute				
Part Number	AD7490BCPZ-REEL7	AD7492ARUZ	AD7492AR	AD7478ARTZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Configuration	MUX-S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Base Product Number	AD7490	AD7492	AD7492	AD7478
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Reference Type	External	Internal	Internal	Supply
Number of Bits	12	12	12	8
Package / Case	32-VFQFN Exposed Pad, CSP	24-TSSOP (0.173", 4.40mm Width)	24-SOIC (0.295", 7.50mm Width)	SOT-23-6
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Supplier Device Package	32-LFCSP-VQ (5x5)	24-TSSOP	24-SOIC	SOT-23-6
Input Type	Single Ended	Single Ended	Single Ended	Single Ended
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Data Interface	SPI, DSP	Parallel	Parallel	SPI, DSP
Number of A/D Converters	1	1	1	1
Series	-	-	-	-
Voltage - Supply, Analog	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V
Voltage - Supply, Digital	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V
Sampling Rate (Per Second)	1M	1M	1M	1M
Number of Inputs	16	1	1	1
Features	-	-	-	-
Architecture	SAR	SAR	SAR	SAR

### AD7490BCPZ-REEL7 Datasheet PDF

Download AD7490BCPZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for AD7490BCPZ-REEL7 - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

## HTML Datasheet

 Cylindrical Battery Holders.pdf

## PCN Design/Specification

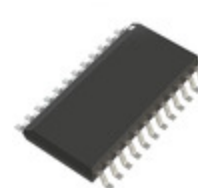
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## Customers Also Interested in

### Recommended Products



**AD7492ARUZ**  
Analog Devices Inc.  
IC ADC 12BIT SAR 24TSSOP



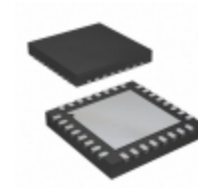
**AD7492AR**  
Analog Devices Inc.  
IC ADC 12BIT SAR 24SOIC



**AD7478ARTZ-REEL7**  
Analog Devices Inc.  
IC ADC 8BIT SAR SOT23-6



**AD7490BRUZ**  
Analog Devices Inc.  
IC ADC 12BIT SAR 28TSSOP



**AD7490BCPZ**  
Analog Devices Inc.  
IC ADC 12BIT SAR 32LFCSP



**AD7492ARUZ-4**  
Analog Devices Inc.  
IC ADC 12BIT SAR 24TSSOP



**AD7484B**  
ADI (Analog Devices, Inc.)



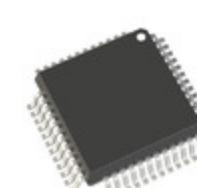
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Analog Devices Inc.  
IC ADC 12BIT SAR 28TSSOP



**AD7490BRUZ-REEL**  
Analog Devices Inc.  
IC ADC 12BIT SAR 28TSSOP



**AD7482BSTZ**  
Analog Devices Inc.  
IC ADC 12BIT SAR 48LQFP



**AD7492ARUZ-REEL7**  
Analog Devices Inc.  
IC ADC 12BIT SAR 24TSSOP



**AD7492ARUZ-5**  
Analog Devices Inc.  
IC ADC 12BIT SAR 24TSSOP



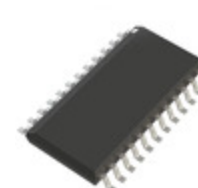
**AD7485BSTZ**  
Analog Devices Inc.  
IC ADC 14BIT SAR 48LQFP



**AD7482AST**  
Analog Devices Inc.  
IC ADC 12BIT SAR 3MSPS 48-LQFP



**AD7482BST**  
Analog Devices Inc.  
IC ADC 12BIT SAR 3MSPS 48-LQFP



**AD7492ARZ**  
Analog Devices Inc.  
IC ADC 12BIT SAR 24SOIC



**AD7484BSTZ**  
Analog Devices Inc.  
IC ADC 14BIT SAR 48LQFP

## 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 -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone  
+00852 9146 4856
-  Email  
info@allelco.com

### Certifications & Memberships



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