

Image may be representation.  
See specifications for product details.



## AD7810YRZ

Manufacturer Part Number	<b>AD7810YRZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7810YRZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 10BIT SAR 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AD7810YRZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7810YRZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7810YRZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7810YRZ Tech Specifications

AD7810YRZ - 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	2.7V ~ 5.25V	Number of Bits	10
Voltage - Supply, Analog	2.7V ~ 5.25V	Number of A/D Converters	1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Input Type	Pseudo-Differential
Sampling Rate (Per Second)	350k	Features	-
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	AD7810
Package	Tube	Architecture	SAR
Operating Temperature	-40°C ~ 105°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7810YRZ

Product Attribute				
Part Number	AD7810YRZ	<b>AD7810YR</b>	<b>AD7811YR</b>	<b>AD7810YRMZ</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Reference Type	External	External	-	External
Package	Tube	Tube	Tube	Tube
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Number of Inputs	1	1	-	1
Number of Bits	10	10	10	10
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package	8-SOIC	8-SOIC	16-SOIC	8-MSOP
Voltage - Supply, Digital	2.7V ~ 5.25V	2.7V ~ 5.25V	-	2.7V ~ 5.25V
Number of A/D Converters	1	1	1	1
Series	-	-	-	-
Ratio - S/H:ADC	1:1	1:1	-	1:1
Features	-	-	-	-
Data Interface	SPI	SPI	SPI, DSP	SPI
Architecture	SAR	SAR	-	SAR
Voltage - Supply, Analog	2.7V ~ 5.25V	2.7V ~ 5.25V	-	2.7V ~ 5.25V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	AD7810	AD7810	AD7811	AD7810
Sampling Rate (Per Second)	350k	350k	350k	350k
Configuration	S/H-ADC	S/H-ADC	-	S/H-ADC
Input Type	Pseudo-Differential	Pseudo-Differential	-	Pseudo-Differential

### AD7810YRZ Datasheet PDF

Download AD7810YRZ pdf datasheets and Analog Devices Inc. documentation for AD7810YRZ - Analog Devices Inc..

#### Datasheets

Cylindrical Battery Holders.pdf

### Customers Also Interested in

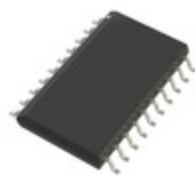
#### Recommended Products

**AD7811YRU-REEL**

ADI (Analog Devices, Inc.)

**AD780CRZ**Analog Devices Inc.  
IC VREF SERIES 0.06%/0.17% 8SOIC**AD7810YR**Analog Devices Inc.  
IC ADC 10BIT SAR 8SOIC**AD7811YR**Analog Devices Inc.  
IC ADC 10BIT 4-CH 2.7V 16-SOIC**AD7810YRMZ**Analog Devices Inc.  
IC ADC 10BIT SAR 8MSOP**AD7810YN**Analog Devices Inc.  
IC ADC 10BIT SRL HS LP 8-DIP**AD7811YRUZ-REEL7**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD7810YRM**Analog Devices Inc.  
IC ADC 10BIT SRL HS LP 8-MSOP**AD780CRZ-REEL7**Analog Devices Inc.  
IC VREF SERIES 0.06%/0.17% 8SOIC**AD7811YN**Analog Devices Inc.  
IC ADC 10BIT 4-CHAN SRL 16-DIP**AD7811YRUZ**Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP**AD780SQ/883**

ADI (Analog Devices, Inc.)

**AD7811YR-REEL**Analog Devices Inc.  
IC ADC 10BIT 4-CHAN SRL 16-SOIC**AD7811YRU**Analog Devices Inc.  
IC ADC 10BIT 4-CHAN SRL 16-TSSOP**AD7812YR**Analog Devices Inc.  
IC ADC 10BIT SAR 20SOIC**AD7810YRMZ-REEL7**Analog Devices Inc.  
IC ADC 10BIT SAR 8MSOP**AD7812YR-REEL**Analog Devices Inc.  
IC ADC 10BIT SAR 20SOIC**AD780SQ/883B**

ADI (Analog Devices, Inc.)

## 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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## Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
 Phone: +00852 9146 4856  
 Fax: +00852 3010 8510  
 Email: info@Alleco.com