



Image may be representation.  
See specifications for product details.



## AD7686CRMZ

Manufacturer Part Number	<b>AD7686CRMZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7686CRMZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 16BIT SAR 10MSOP
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD7686CRMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7686CRMZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7686CRMZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7686CRMZ Tech Specifications

AD7686CRMZ - 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	5V	Number of Bits	16
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	10-MSOP	Mounting Type	Surface Mount
Series	PuISAR®	Input Type	Pseudo-Differential
Sampling Rate (Per Second)	500k	Features	-
Reference Type	External	Data Interface	SPI, DSP
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Base Product Number	AD7686
Package	Tube	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. AD7686CRMZ

Product Attribute				
Part Number	AD7686CRMZ	AD7689ACPZ	AD7685CRMZRL7	AD7687BRMZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Features	-	Temperature Sensor	-	-
Package	Tube	Tray	Tape & Reel (TR)	Tube
Input Type	Pseudo-Differential	Differential, Pseudo-Differential, Single Ended	Pseudo-Differential	Differential
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	20-WFQFN Exposed Pad, CSP	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Number of A/D Converters	1	1	1	1
Voltage - Supply, Analog	5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Voltage - Supply, Digital	5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Configuration	S/H-ADC	MUX-S/H-ADC	S/H-ADC	S/H-ADC
Number of Inputs	1	8	1	1
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Reference Type	External	External, Internal	External	External
Number of Bits	16	16	16	16
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Sampling Rate (Per Second)	500k	250k	250k	250k
Series	PuISAR®	PuISAR®	PuISAR®	PuISAR®
Base Product Number	AD7686	AD7689	AD7685	AD7687
Architecture	SAR	SAR	SAR	SAR
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	10-MSOP	20-LFCSP (4x4)	10-MSOP	10-MSOP

### AD7686CRMZ Datasheet PDF

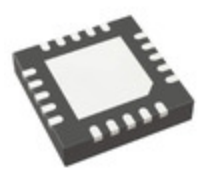
Download AD7686CRMZ pdf datasheets and Analog Devices Inc. documentation for AD7686CRMZ - Analog Devices Inc..

#### Datasheets

Cylindrical Battery Holders.pdf

### Customers Also Interested in

#### Recommended Products

**AD7689ACPZ**Analog Devices Inc.  
IC ADC 16BIT SAR 20LFCSP**AD7685CRMZRL7**Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP**AD7688BRMZ(C3K)**

ADI (Analog Devices, Inc.)

**AD7687BRMZ**Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP**AD7688BRMZ**Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP**AD7687BRMZRL7**Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP**AD7686BRMZRL7**Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP**AD7686BCPZ**

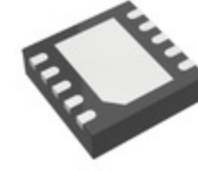
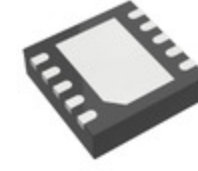
ADI (Analog Devices, Inc.)

**AD7686BRMZ(C3N)**

ADI (Analog Devices, Inc.)

**AD7687BRMZ-REEL7**

ADI (Analog Devices, Inc.)

**AD7686BCPZRL7**Analog Devices Inc.  
IC ADC 16BIT SAR 10LFCSP**AD7686CCPZRL7**Analog Devices Inc.  
IC ADC 16BIT SAR 10LFCSP**AD7686BRMZ**Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP**AD7686CCPZ**

ADI (Analog Devices, Inc.)

**AD7686CRMZRL7**Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP**AD7688BRMZ-REEL7**

ADI (Analog Devices, Inc.)

**AD7686BRMZ-REEL7**

ADI (Analog Devices, Inc.)

**AD7686BCPZ-R7**

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.



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## Certifications & Memberships



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