



Image may be representation.
See specifications for product details.



AD7687BRMZ

Manufacturer Part Number	AD7687BRMZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7687BRMZ
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	AD7687.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7687BRMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7687BRMZ datasheet/specifications on AllelcoElec.com.
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Specifications

AD7687BRMZ Tech Specifications

AD7687BRMZ - 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	2.3V ~ 5.5V	Number of Bits	16
Voltage - Supply, Analog	2.3V ~ 5.5V	Number of A/D Converters	1
Supplier Device Package	10-MSOP	Mounting Type	Surface Mount
Series	PuISAR®	Input Type	Differential
Sampling Rate (Per Second)	250k	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	AD7687
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. AD7687BRMZ

Product Attribute				
Part Number	AD7687BRMZ	AD7687BRMZRL7	AD7686BRMZ	AD7689BCBZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Sampling Rate (Per Second)	250k	250k	500k	250k
Voltage - Supply, Analog	2.3V ~ 5.5V	2.3V ~ 5.5V	5V	2.3V ~ 5.5V
Base Product Number	AD7687	AD7687	AD7686	AD7689
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Bits	16	16	16	16
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	MUX-S/H-ADC
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Input Type	Differential	Differential	Pseudo-Differential	Differential, Pseudo-Differential, Single Ended
Number of Inputs	1	1	1	8
Voltage - Supply, Digital	2.3V ~ 5.5V	2.3V ~ 5.5V	5V	1.8V ~ 5.5V
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Supplier Device Package	10-MSOP	10-MSOP	10-MSOP	20-WLCSP (2.39x2.39)
Architecture	SAR	SAR	SAR	SAR
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	20-UFBGA, WLCSP
Features	-	-	-	Temperature Sensor
Number of A/D Converters	1	1	1	1
Reference Type	External	External	External	External, Internal
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Series	PuISAR®	PuISAR®	PuISAR®	-

AD7687BRMZ Datasheet PDF

Download AD7687BRMZ pdf datasheets and Analog Devices Inc. documentation for AD7687BRMZ - Analog Devices Inc..

Datasheets

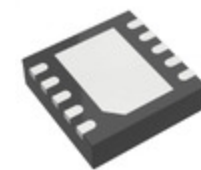
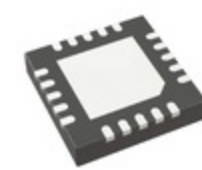
AD7687.pdf

Customers Also Interested in

Recommended Products

**AD7687BRMZRL7**Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP**AD7686BRMZ**Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP**AD7689BCBZ-RL7**Analog Devices Inc.
IC ADC 16BIT SAR 20WLCSP**AD7688BRMZ(C3K)**

ADI (Analog Devices, Inc.)

**AD7686BCPZRL7**Analog Devices Inc.
IC ADC 16BIT SAR 10LFCSP**AD7689ACPZRL7**Analog Devices Inc.
IC ADC 16BIT SAR 20LFCSP**AD7688BRMZ-REEL7**

ADI (Analog Devices, Inc.)

**AD7686CCPZ**

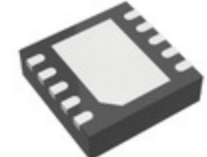
ADI (Analog Devices, Inc.)

**AD7686BCPZ-R7**

ADI (Analog Devices, Inc.)

**AD7686CRMZRL7**Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP**AD7689ACPZ**Analog Devices Inc.
IC ADC 16BIT SAR 20LFCSP**AD7686BRMZ(C3N)**

ADI (Analog Devices, Inc.)

**AD7688BRMZ**Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP**AD7686CCPZRL7**Analog Devices Inc.
IC ADC 16BIT SAR 10LFCSP**AD7686BRMZ-REEL7**

ADI (Analog Devices, Inc.)

**AD7687BRMZ-REEL7**

ADI (Analog Devices, Inc.)

**AD7686BRMZRL7**Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP**AD7686CRMZ**Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP

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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WWW.ALLECOELEC.COM

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

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