

Image may be representation.
See specifications for product details.



AD7942BRMZ

Manufacturer Part Number	AD7942BRMZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7942BRMZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 14BIT SAR 10MSOP
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7942BRMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7942BRMZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7942BRMZ, please send us email: info@allelco.com

Specifications

AD7942BRMZ Tech Specifications

AD7942BRMZ - 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	14
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	Pseudo-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	AD7942
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. AD7942BRMZ

Product Attribute				
Part Number	AD7942BRMZ	AD7939BSU	AD7940BRMZ	AD7940BRM
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	32-TQFP	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Package	Tube	Bulk	Tube	Tube
Number of A/D Converters	1	1	1	1
Voltage - Supply, Digital	2.3V ~ 5.5V	2.7V ~ 5.25V	2.5V ~ 5.5V	2.5V ~ 5.5V
Data Interface	SPI, DSP	Parallel	SPI, DSP	SPI, DSP
Number of Inputs	1	8	1	1
Supplier Device Package	10-MSOP	32-TQFP (7x7)	8-MSOP	8-MSOP
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Input Type	Pseudo-Differential	Differential, Pseudo-Differential, Single Ended	Single Ended	Single Ended
Features	-	-	-	-
Reference Type	External	External, Internal	Supply	Supply
Configuration	S/H-ADC	MUX-S/H-ADC	S/H-ADC	S/H-ADC
Voltage - Supply, Analog	2.3V ~ 5.5V	2.7V ~ 5.25V	2.5V ~ 5.5V	2.5V ~ 5.5V
Architecture	SAR	SAR	SAR	SAR
Number of Bits	14	10	14	14
Sampling Rate (Per Second)	250k	1.5M	100k	100k
Series	PuISAR®	AD7939	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Base Product Number	AD7942	-	AD7940	AD7940
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

AD7942BRMZ Datasheet PDF

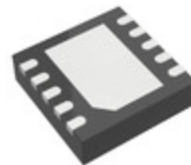
Download AD7942BRMZ pdf datasheets and Analog Devices Inc. documentation for AD7942BRMZ - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

**AD7939BSU**Analog Devices Inc.
10-BIT SAR ADC, 8 CH, PARALLEL**AD7943BRSZ**Analog Devices Inc.
1C DAC 12BIT A-OUT 20SSOP**AD7940BRMZ**Analog Devices Inc.
1C ADC 14BIT SAR 8MSOP**AD7940BRM**Analog Devices Inc.
1C ADC 14BIT SAR 8MSOP**AD7942BRMZ-RL7**Analog Devices Inc.
1C ADC 14BIT SAR 10MSOP**AD7943BR**Analog Devices Inc.
1C DAC 12BIT A-OUT 16SOIC**AD7943BRZ**Analog Devices Inc.
1C DAC 12BIT A-OUT 16SOIC**AD7942BCPZRL7**Analog Devices Inc.
1C ADC 14BIT SAR 10LFCSP**AD7940BRJZ**

ADI (Analog Devices, Inc.)

**AD7942BCPZ**

ADI (Analog Devices, Inc.)

**AD7940BRJZ-REEL7**Analog Devices Inc.
1C ADC 14BIT SAR SOT23-6**AD7943AN-B**Analog Devices Inc.
1C DAC 12BIT MULT SRL 16-DIP**AD7940BRMZ-REEL7**Analog Devices Inc.
1C ADC 14BIT SAR 8MSOP**AD7939BSUZ**Analog Devices Inc.
1C ADC 10BIT SAR 32TQFP**AD7942BRMZ(C4S)**

ADI (Analog Devices, Inc.)

**AD7943BRZ-REEL**Analog Devices Inc.
1C DAC 12BIT A-OUT 16SOIC**AD7942BRMZRL7**

ADI (Analog Devices, Inc.)

**AD7942BRMZ-REEL7**

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

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Email

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Certifications & Memberships



View More

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