



Image may be representation.
See specifications for product details.



AD7942BRMZ-RL7

Manufacturer Part Number	AD7942BRMZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7942BRMZ-RL7
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 14BIT SAR 10MSOP
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	AD7942.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7942BRMZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7942BRMZ-RL7 datasheet/specifications on AllelcoElec.com.
Request a quote for AD7942BRMZ-RL7, please send us email: info@allelco.com

Specifications

AD7942BRMZ-RL7 Tech Specifications
AD7942BRMZ-RL7 - 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	PuSAR®	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	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. AD7942BRMZ-RL7

Product Attribute				
Part Number	AD7942BRMZ-RL7	AD7942BCPZRL7	AD7940BRMZ-REEL7	AD7940BRM
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Digital	2.3V ~ 5.5V	2.3V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Number of Inputs	1	1	1	1
Reference Type	External	External	Supply	Supply
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Base Product Number	AD7942	AD7942	AD7940	AD7940
Number of A/D Converters	1	1	1	1
Supplier Device Package	10-MSOP	10-LFCSP-WD (3x3)	8-MSOP	8-MSOP
Architecture	SAR	SAR	SAR	SAR
Voltage - Supply, Analog	2.3V ~ 5.5V	2.3V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Sampling Rate (Per Second)	250k	250k	100k	100k
Number of Bits	14	14	14	14
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Features	-	-	-	-
Input Type	Pseudo-Differential	Pseudo-Differential	Single Ended	Single Ended
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-VDFN Exposed Pad, CSP	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Series	PuSAR®	PuSAR®	-	-

AD7942BRMZ-RL7 Datasheet PDF

Download AD7942BRMZ-RL7 pdf datasheets and Analog Devices Inc. documentation for AD7942BRMZ-RL7 - Analog Devices Inc..

Datasheets

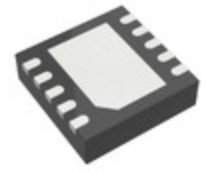
AD7942.pdf

Other Related Documents

Tape and Reel Packaging.pdf

Customers Also Interested in

Recommended Products



AD7942BCPZRL7
Analog Devices Inc.
IC ADC 14BIT SAR 10LFCSP



AD7943BRSZ
Analog Devices Inc.
IC DAC 12BIT A-OUT 20SSOP



AD7943BR
Analog Devices Inc.
IC DAC 12BIT A-OUT 16SOIC



AD7942BRMZ(C4S)
ADI (Analog Devices, Inc.)



AD7940BRMZ-REEL7
Analog Devices Inc.
IC ADC 14BIT SAR 8MSOP



AD7940BRM
Analog Devices Inc.
IC ADC 14BIT SAR 8MSOP



AD7942BCPZ
ADI (Analog Devices, Inc.)



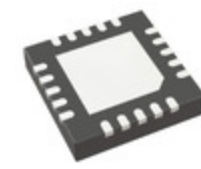
AD7943BRZ-REEL
Analog Devices Inc.
IC DAC 12BIT A-OUT 16SOIC



AD7942BRMZ
Analog Devices Inc.
IC ADC 14BIT SAR 10MSOP



AD7943AN-B
Analog Devices Inc.
IC DAC 12BIT MULT SRL 16-DIP



AD7944BCPZ
Analog Devices Inc.
IC ADC 14BIT SAR 20LFCSP



AD7942BRMZ-REEL7
ADI (Analog Devices, Inc.)



AD7940BRMZ
Analog Devices Inc.
IC ADC 14BIT SAR 8MSOP



AD7940BRJZ-REEL7
Analog Devices Inc.
IC ADC 14BIT SAR SOT23-6



AD7945ARS-B
Analog Devices Inc.
IC DAC 12BIT A-OUT 20SSOP



AD7945ARSZ-B
Analog Devices Inc.
IC DAC 12BIT A-OUT 20SSOP



AD7942BRMZRL7
ADI (Analog Devices, Inc.)



AD7943BRZ
Analog Devices Inc.
IC DAC 12BIT A-OUT 16SOIC

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

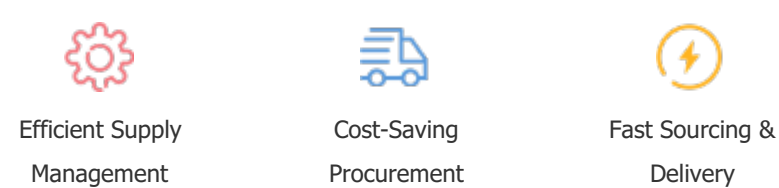
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

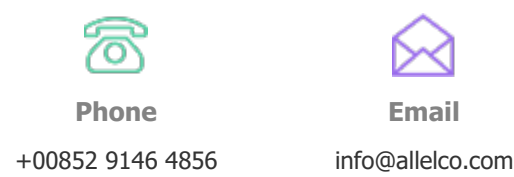
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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