



Image may be representation.  
See specifications for product details.



## AD7920BRMZ

Manufacturer Part Number	<b>AD7920BRMZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7920BRMZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 12BIT SAR 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>AD7910,20 Series.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD7920BRMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7920BRMZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7920BRMZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7920BRMZ Tech Specifications

AD7920BRMZ - 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	2.35V ~ 5.25V	Number of Bits	12
Voltage - Supply, Analog	2.35V ~ 5.25V	Number of A/D Converters	1
Supplier Device Package	8-MSOP	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	250k	Features	-
Reference Type	Supply	Data Interface	SPI, DSP
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	AD7920
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. AD7920BRMZ

Product Attribute				
Part Number	AD7920BRMZ	<b>AD7922ARMZ-REEL7</b>	<b>AD7920BKSZ-REEL7</b>	<b>AD7918BRU</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Analog	2.35V ~ 5.25V	2.35V ~ 5.25V	2.35V ~ 5.25V	2.7V ~ 5.25V
Supplier Device Package	8-MSOP	8-MSOP	SC-70-6	20-TSSOP
Series	-	-	-	-
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	6-TSSOP, SC-88, SOT-363	20-TSSOP (0.173", 4.40mm Width)
Architecture	SAR	SAR	SAR	SAR
Base Product Number	AD7920	AD7922	AD7920	AD7918
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Bits	12	12	12	10
Voltage - Supply, Digital	2.35V ~ 5.25V	2.35V ~ 5.25V	2.35V ~ 5.25V	2.7V ~ 5.25V
Sampling Rate (Per Second)	250k	1M	250k	1M
Reference Type	Supply	Supply	Supply	External
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Features	-	-	-	-
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Configuration	S/H-ADC	MUX-S/H-ADC	S/H-ADC	MUX-S/H-ADC
Number of Inputs	1	2	1	8
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Number of A/D Converters	1	1	1	1
Input Type	Single Ended	Single Ended	Single Ended	Single Ended

### AD7920BRMZ Datasheet PDF

Download AD7920BRMZ pdf datasheets and Analog Devices Inc. documentation for AD7920BRMZ - Analog Devices Inc..

#### Datasheets

AD7910,20 Series.pdf

### Customers Also Interested in

#### Recommended Products

**AD7922ARMZ-REEL7**Analog Devices Inc.  
IC ADC 12BIT SAR 8MSOP**AD7920BKSZ-REEL7**Analog Devices Inc.  
IC ADC 12BIT SAR SC70-6**AD7918BRU**Analog Devices Inc.  
IC ADC 10BIT SAR 20TSSOP**AD7921AUJZ-REEL7**Analog Devices Inc.  
IC ADC 12BIT SAR TSOT23-8**AD7923BRU**Analog Devices Inc.  
IC ADC 12BIT 4CH 200KSPS  
16TSSOP**AD7921ARM**Analog Devices Inc.  
IC ADC 12BIT DUAL LP 8-MSOP**AD7918BRUZ-REEL7**Analog Devices Inc.  
IC ADC 10BIT SAR 20TSSOP**AD7920AKSZ-500RL7**Analog Devices Inc.  
IC ADC 12BIT SAR SC70-6**AD7920**

ADI (Analog Devices, Inc.)

**AD7921ARMZ**Analog Devices Inc.  
IC ADC 12BIT SAR 8MSOP**AD7920BRMZ-REEL**Analog Devices Inc.  
IC ADC 12BIT SAR 8MSOP**AD7918BRUZ**Analog Devices Inc.  
IC ADC 10BIT SAR 20TSSOP**AD7920BKSZ-500RL7**Analog Devices Inc.  
IC ADC 12BIT SAR SC70-6**AD7921ARMZ-REEL7**Analog Devices Inc.  
IC ADC 12BIT SAR 8MSOP**AD7923BRU-REEL7**

ADI (Analog Devices, Inc.)

**AD7920AKSZ-REEL7**Analog Devices Inc.  
IC ADC 12BIT SAR SC70-6**AD7916BRMZ**Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP**AD7922ARMZ**Analog Devices Inc.  
IC ADC 12BIT SAR 8MSOP

## 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 -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone  
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## Certifications & Memberships



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### Contact us

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