



Image may be representation.  
See specifications for product details.



## AD7918BRUZ

Manufacturer Part Number	<b>AD7918BRUZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7918BRUZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 10BIT SAR 20TSSOP
Package	20-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>20-TSSOP Pkg Drawing.pdf</b> <b>AD7908,18,28 Datasheet.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AD7918BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7918BRUZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7918BRUZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7918BRUZ Tech Specifications

AD7918BRUZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	8
Voltage - Supply, Digital	2.7V ~ 5.25V	Number of Bits	10
Voltage - Supply, Analog	2.7V ~ 5.25V	Number of A/D Converters	1
Supplier Device Package	20-TSSOP	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	1M	Features	-
Reference Type	External	Data Interface	SPI, DSP
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD7918
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. AD7918BRUZ

Product Attribute				
Part Number	AD7918BRUZ	AD7916BRMZ	AD7920AKSZ-REEL7	AD7920BKSZ-500RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Configuration	MUX-S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Architecture	SAR	SAR	SAR	SAR
Number of A/D Converters	1	1	1	1
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Features	-	-	-	-
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Number of Bits	10	16	12	12
Series	-	-	-	-
Base Product Number	AD7918	AD7916	AD7920	AD7920
Package / Case	20-TSSOP (0.173", 4.40mm Width)	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363
Supplier Device Package	20-TSSOP	10-MSOP	SC-70-6	SC-70-6
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Sampling Rate (Per Second)	1M	500k	250k	250k
Voltage - Supply, Digital	2.7V ~ 5.25V	2.375V ~ 2.625V	2.35V ~ 5.25V	2.35V ~ 5.25V
Operating Temperature	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C
Input Type	Single Ended	Differential	Single Ended	Single Ended
Number of Inputs	8	1	1	1
Voltage - Supply, Analog	2.7V ~ 5.25V	2.375V ~ 2.625V	2.35V ~ 5.25V	2.35V ~ 5.25V
Reference Type	External	External	Supply	Supply
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)

### AD7918BRUZ Datasheet PDF

Download AD7918BRUZ pdf datasheets and Analog Devices Inc. documentation for AD7918BRUZ - Analog Devices Inc..

#### Datasheets

20-TSSOP Pkg Drawing.pdf

AD7908,18,28 Datasheet.pdf

### Customers Also Interested in

## Recommended Products



### AD7916BRMZ

Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP



### AD7920AKSZ-REEL7

Analog Devices Inc.  
IC ADC 12BIT SAR SC70-6



### AD7920BKSZ-500RL7

Analog Devices Inc.  
IC ADC 12BIT SAR SC70-6



### AD7920BRMZ

Analog Devices Inc.  
IC ADC 12BIT SAR 8MSOP



### AD7912ARMZ

Analog Devices Inc.  
IC ADC 10BIT SAR 8MSOP



### AD7920

ADI (Analog Devices, Inc.)



### AD7911YRJZ

ADI (Analog Devices, Inc.)



### AD7920BKSZ-REEL7

Analog Devices Inc.  
IC ADC 12BIT SAR SC70-6



### AD7915BRMZ

Analog Devices Inc.  
IC ADC 16BIT SAR 10MSOP



### AD7914BRUZ

Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP



### AD7918BRU

Analog Devices Inc.  
IC ADC 10BIT SAR 20TSSOP

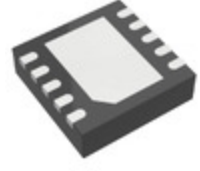
### AD7914BRUZ-REEL7

Analog Devices Inc.  
IC ADC 10BIT SAR 16TSSOP



### AD7920BRMZ-REEL

Analog Devices Inc.  
IC ADC 12BIT SAR 8MSOP



### AD7916BCPZ-RL7

Analog Devices Inc.  
IC ADC 16BIT SAR 10LFCSP



### AD7921ARM

Analog Devices Inc.  
IC ADC 12BIT DUAL LP 8-MSOP



### AD7920AKSZ-500RL7

Analog Devices Inc.  
IC ADC 12BIT SAR SC70-6



### AD7912ARM

Analog Devices Inc.  
IC ADC DUAL 10BIT 2CH 8-MSOP



### AD7918BRUZ-REEL7

Analog Devices Inc.  
IC ADC 10BIT SAR 20TSSOP

## 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.



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+00852 9146 4856



Email

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## Certifications & Memberships



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