

Image may be representation.  
See specifications for product details.



## AD7938BSUZ-6

Manufacturer Part Number	<b>AD7938BSUZ-6</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7938BSUZ-6
ECAD Model	PCB Footprint and Symbol
Parts Description	IC ADC 12BIT SAR 32TQFP
Package	32-TQFP
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a> <a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AD7938BSUZ-6 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7938BSUZ-6 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7938BSUZ-6, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

AD7938BSUZ-6 Tech Specifications

AD7938BSUZ-6 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	4, 7, 8
Voltage - Supply, Digital	2.7V ~ 5.25V	Number of Bits	12
Voltage - Supply, Analog	2.7V ~ 5.25V	Number of A/D Converters	1
Supplier Device Package	32-TQFP (7x7)	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Pseudo-Differential, Single Ended
Sampling Rate (Per Second)	625k	Features	-
Reference Type	External, Internal	Data Interface	Parallel
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	32-TQFP	Base Product Number	AD7938
Package	Tray	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. AD7938BSUZ-6

Product Attribute				
Part Number	AD7938BSUZ-6	<a href="#">AD7938BCPZ-6REEL7</a>	<a href="#">AD7933BRUZ-REEL7</a>	<a href="#">AD7939BSUZ</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of A/D Converters	1	1	1	1
Series	-	-	-	-
Data Interface	Parallel	Parallel	Parallel	Parallel
Number of Bits	12	12	10	10
Number of Inputs	4, 7, 8	4, 7, 8	2, 4	4, 7, 8
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Package / Case	32-TQFP	32-VFQFN Exposed Pad, CSP	28-TSSOP (0.173", 4.40mm Width)	32-TQFP
Features	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Input Type	Differential, Pseudo-Differential, Single Ended	Differential, Pseudo-Differential, Single Ended	Differential, Pseudo-Differential, Single Ended	Differential, Pseudo-Differential, Single Ended
Supplier Device Package	32-TQFP (7x7)	32-LFCSP-VQ (5x5)	28-TSSOP	32-TQFP (7x7)
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tray
Architecture	SAR	SAR	SAR	SAR
Voltage - Supply, Analog	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V
Base Product Number	AD7938	AD7938	AD7933	AD7939
Sampling Rate (Per Second)	625k	1.5M	1.5M	1.5M
Voltage - Supply, Digital	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V

## AD7938BSUZ-6 Datasheet PDF

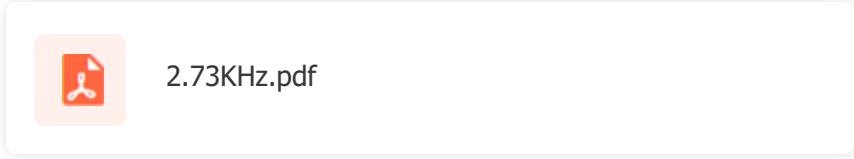
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### Datasheets

[Cylindrical Battery Holders.pdf](#)

### HTML Datasheet

[Cylindrical Battery Holders.pdf](#)



**Customers Also Interested in**

**Recommended Products**

<b>AD7938BCPZ-6REEL7</b> Analog Devices Inc. IC ADC 12BIT SAR 32LFCSP	<b>AD7933BRUZ-REEL7</b> Analog Devices Inc. IC ADC 10BIT SAR 28TSSOP	<b>AD7939BSUZ</b> Analog Devices Inc. IC ADC 10BIT SAR 32TQFP	<b>AD7938BSUZ-6REEL7</b> Analog Devices Inc. IC ADC 12BIT SAR 32TQFP	<b>AD7938BSUZ-REEL7</b> Analog Devices Inc. IC ADC 12BIT SAR 32TQFP	<b>AD7940BRJZ</b> ADI (Analog Devices, Inc.)
<b>AD7938BCP</b> Analog Devices Inc. IC ADC 12BIT 8CH 1.5MSPS 32LFCSP	<b>AD7934BRUZ-6</b> Analog Devices Inc. IC ADC 12BIT SAR 28TSSOP	<b>AD7938BCPZ-6</b> Analog Devices Inc. IC ADC 12BIT SAR 32LFCSP	<b>AD7938BCPZ</b> Analog Devices Inc. IC ADC 12BIT SAR 32LFCSP	<b>AD7940BRJZ-REEL7</b> Analog Devices Inc. IC ADC 14BIT SAR SOT23-6	<b>AD7939BSU</b> Analog Devices Inc. 10-BIT SAR ADC, 8 CH, PARALLEL
<b>AD7940BRM</b> Analog Devices Inc. IC ADC 14BIT SAR 8MSOP	<b>AD7940BRMZ</b> Analog Devices Inc. IC ADC 14BIT SAR 8MSOP	<b>AD7939BCPZ</b> Analog Devices Inc. IC ADC 10BIT SAR 32LFCSP	<b>AD7934BRUZ</b> Analog Devices Inc. IC ADC 12BIT SAR 28TSSOP	<b>AD7933BRUZ</b> Analog Devices Inc. IC ADC 10BIT SAR 28TSSOP	<b>AD7938BSUZ</b> Analog Devices Inc. IC ADC 12BIT SAR 32TQFP

**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
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**Contact us if you have any questions.**

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**Certifications & Memberships**



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