



Image may be representation.  
See specifications for product details.



## AD1938WBSTZ

Manufacturer Part Number	<b>AD1938WBSTZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD1938WBSTZ
ECAD Model	Request Free CAD Models
Parts Description	IC CODEC 24BIT 4ADC/8DAC 48LQFP
Package	48-LQFP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD1938WBSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD1938WBSTZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD1938WBSTZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD1938WBSTZ Tech Specifications

AD1938WBSTZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package / Case	48-LQFP
Voltage - Supply, Digital	3V ~ 3.6V	Package	Tray
Voltage - Supply, Analog	3V ~ 3.6V	Operating Temperature	-40°C ~ 105°C
Type	General Purpose	Number of ADCs / DACs	4 / 8
Supplier Device Package	48-LQFP (7x7)	Mounting Type	Surface Mount
Sigma Delta	Yes	Dynamic Range, ADCs / DACs (db) Typ	105 / 106
Series	Automotive	Data Interface	Serial
S/N Ratio, ADCs / DACs (db) Typ	94 / 94	Base Product Number	AD1938
Resolution (Bits)	24 b		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD1938WBSTZ

Product Attribute				
Part Number	AD1938WBSTZ	AD1938YSTZ	AD1938WBSTZ-RL	AD1937WBSTZ-RL
Manufacturer	Analog Devices Inc.	ADI (Analog Devices, Inc.)	Analog Devices Inc.	Analog Devices Inc.
Package	Tray	-	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply, Analog	3V ~ 3.6V	3 V ~ 3.6 V	3V ~ 3.6V	3V ~ 3.6V
Base Product Number	AD1938	-	AD1938	AD1937
Type	General Purpose	General Purpose	General Purpose	General Purpose
S/N Ratio, ADCs / DACs (db) Typ	94 / 94	94 / 94	94 / 94	96 / 96
Number of ADCs / DACs	4 / 8	4 / 8	4 / 8	4 / 8
Package / Case	48-LQFP	48-LQFP	48-LQFP	64-LQFP
Dynamic Range, ADCs / DACs (db) Typ	105 / 106	105 / 106	105 / 106	105 / 110
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 125°C
Resolution (Bits)	24 b	24 b	24 b	24 b
Supplier Device Package	48-LQFP (7x7)	48-LQFP (7x7)	48-LQFP (7x7)	64-LQFP (10x10)
Series	Automotive	-	Automotive	Automotive
Sigma Delta	Yes	Yes	Yes	Yes
Voltage - Supply, Digital	3V ~ 3.6V	3 V ~ 3.6 V	3V ~ 3.6V	3V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Interface	Serial	Serial	Serial	Serial

### AD1938WBSTZ Datasheet PDF

Download AD1938WBSTZ pdf datasheets and Analog Devices Inc. documentation for AD1938WBSTZ - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

#### PCN Design/Specification

[Polyimide Addition 21/Dec/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products

**AD1896AYRSZ**Analog Devices Inc.  
IC SAMPLE RATE CONVERTER  
28SSOP**AD1938YSTZ**ADI (Analog Devices, Inc.)  
IC CODEC 24BIT 4ADC/8DAC 48LQFP**AD1938WBSTZ-RL**Analog Devices Inc.  
IC CODEC 24BIT 4ADC/8DAC 48LQFP**AD1937WBSTZ-RL**Analog Devices Inc.  
IC CODEC 4/ADC DIFF OUT 64-LQFP**AD1938XSTZ**

ADI (Analog Devices, Inc.)

**AD1939WBSTZ**Analog Devices Inc.  
IC AUDIO CODEC 64LQFP**AD1939WBSTZ-RL**Analog Devices Inc.  
IC AUDIO CODEC 64LQFP**AD1939YSTZRL**Analog Devices Inc.  
IC CODEC 24BIT ADC/DAC 64-LQFP**AD1933WBSTZ**Analog Devices Inc.  
IC DAC 24BIT V-OUT 64LQFP**AD1939YSTZ**Analog Devices Inc.  
IC CODEC 24BIT ADC/DAC 64LQFP**AD1896YRS**Analog Devices Inc.  
STEREO SAMPLE RATE CONVERTER**AD1940YSTZ**Analog Devices Inc.  
IC AUDIO CODEC 28BIT 192K 48LQFP**AD1937WBSTZ-R**

ADI (Analog Devices, Inc.)

**AD1896AYRSZRL**Analog Devices Inc.  
IC SAMPLE RATE CONVERTER  
28SSOP**AD1937WBSTZ**Analog Devices Inc.  
IC CODEC 4/ADC DIFF OUT 64-LQFP**AD1938YSTZRL**Analog Devices Inc.  
IC CODEC 24BIT 4ADC/8DAC 48LQFP**AD1896YRSRL**

ADI (Analog Devices, Inc.)

**AD1934YSTZ**Analog Devices Inc.  
IC DAC 24BIT V-OUT 48LQFP

## 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  
ManagementCost-Saving  
ProcurementFast Sourcing &  
Delivery

Contact us if you have any questions.



Phone

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Email

info@allelco.com

## Certifications & Memberships



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