

Image may be representation.  
See specifications for product details.



## ADAR7251WBCSZ

Manufacturer Part Number	<b>ADAR7251WBCSZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADAR7251WBCSZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 16BIT SIGMA-DELTA 48LFCSP
Package	48-WFQFN Exposed Pad, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ADAR7251WBCSZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADAR7251WBCSZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADAR7251WBCSZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADAR7251WBCSZ Tech Specifications  
ADAR7251WBCSZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	4
Voltage - Supply, Digital	1.62V ~ 1.98V	Number of Bits	16
Voltage - Supply, Analog	2.97V ~ 3.6V	Number of A/D Converters	4
Supplier Device Package	48-LFCSP-SS (7x7)	Mounting Type	Surface Mount
Series	Automotive	Input Type	Differential
Sampling Rate (Per Second)	1.8M	Features	PGA, Simultaneous Sampling
Reference Type	Internal	Data Interface	SPI, Parallel
Ratio - S/H:ADC	-	Configuration	PGA-ADC
Package / Case	48-WFQFN Exposed Pad, CSP	Base Product Number	ADAR7251
Package	Tray	Architecture	Sigma-Delta
Operating Temperature	-40°C ~ 125°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADAR7251WBCSZ

Product Attribute				
Part Number	ADAR7251WBCSZ	<a href="#">ADAQ7980BCCZ</a>	<a href="#">ADAQ4003BBCZ</a>	<a href="#">ADAQ7988BCCZ</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 125°C	-55°C ~ 125°C	-40°C ~ 125°C	-55°C ~ 125°C
Voltage - Supply, Analog	2.97V ~ 3.6V	3.7V ~ 10V	1.71V ~ 1.89V	3.7V ~ 10V
Reference Type	Internal	External	External	External
Configuration	PGA-ADC	ADC	ADC	ADC
Architecture	Sigma-Delta	SAR	SAR	SAR
Sampling Rate (Per Second)	1.8M	1M	2M	500k
Package / Case	48-WFQFN Exposed Pad, CSP	24-FLGA	49-FBGA, CSPBGA	24-FLGA
Voltage - Supply, Digital	1.62V ~ 1.98V	3.5V ~ 10V	1.71V ~ 1.89V	3.5V ~ 10V
Number of A/D Converters	4	1	1	1
Package	Tray	Tray	Bulk	Tray
Data Interface	SPI, Parallel	MICROWIRE™, QSPI™, Serial, SPI™	DSP, MICROWIRE, QSPI, Serial, SPI	MICROWIRE™, QSPI™, Serial, SPI™
Base Product Number	ADAR7251	ADAQ7980	ADAQ4003	ADAQ7988
Input Type	Differential	Pseudo-Differential	Differential, Single Ended	Pseudo-Differential
Number of Bits	16	16	18	16
Supplier Device Package	48-LFCSP-SS (7x7)	24-LGA (5x4)	49-CSPBGA (7x7)	24-LGA (5x4)
Ratio - S/H:ADC	-	-	0:1	-
Series	Automotive	µModule®	µModule®	µModule®
Features	PGA, Simultaneous Sampling	-	-	-
Number of Inputs	4	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### ADAR7251WBCSZ Datasheet PDF

Download ADAR7251WBCSZ pdf datasheets and Analog Devices Inc. documentation for ADAR7251WBCSZ - Analog Devices Inc..

#### Datasheets


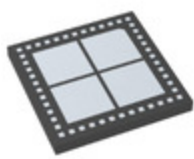






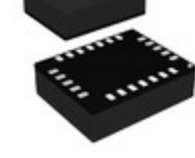





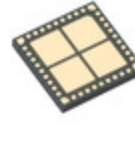
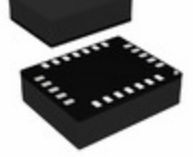


[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>ADAS1000-2BSTZ-RL</b> Analog Devices Inc. IC AFE 5 CHAN 19BIT 64LQFP	<b>ADAR2004ACCZ</b> Analog Devices Inc. 4-CH FREQUENCY MULTIPLIER/FILTER	<b>ADAR1000ACCZN</b> Analog Devices Inc. PHASED ARRAY-RADAR CHIPSET-AESA	<b>ADAQ4001BBCZ</b> Analog Devices Inc. 16-BIT 2 MSPS UMODULE DAQ SYSTEM	<b>ADAS1000BCPZ</b> Analog Devices Inc. IC AFE 5 CHAN 19BIT 56LFCSP	<b>ADAS1000-3BSTZ</b> Analog Devices Inc. IC AFE 3 CHAN 19BIT 64LQFP
					
<b>ADAS1000-4BCPZ</b> Analog Devices Inc. IC AFE 4 CHAN 19BIT 56LFCSP	<b>ADAS1000-2BCPZ</b> Analog Devices Inc. IC AFE 5 CHAN 19BIT 56LFCSP	<b>ADAQ7980BCCZ</b> Analog Devices Inc. IC ADC 16BIT SAR 24LGA	<b>ADAS1000-1BCPZ</b> Analog Devices Inc. IC AFE 5 CHAN 19BIT 56LFCSP	<b>ADAS1000-3BCPZ</b> Analog Devices Inc. IC AFE 3 CHAN 19BIT 56LFCSP	<b>ADAM46P2008G</b> ABOV
					
<b>ADAQ4003BBCZ</b> Analog Devices Inc. IC ADC 18BIT SAR 49CSPBGA	<b>ADAS1000-4BSTZ</b> Analog Devices Inc. IC AFE 4 CHAN 19BIT 64LQFP	<b>ADAR2001ACCZ</b> Analog Devices Inc. 4-CH FREQUENCY MULTIPLIER/FILTER	<b>ADAQ7988BCCZ</b> Analog Devices Inc. IC ADC 16BIT SAR 24LGA	<b>ADAS1000-1BCPZ-RL</b> Analog Devices Inc. IC AFE 5 CHAN 19BIT 56LFCSP	<b>ADAS1000-2BSTZ</b> Analog Devices Inc. IC AFE 5 CHAN 19BIT 64LQFP

## 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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