



Image may be representation.
See specifications for product details.



AD7612BSTZ

Manufacturer Part Number	AD7612BSTZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7612BSTZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 16BIT SAR 48LQFP
Package	48-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7612BSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7612BSTZ datasheet/specifications on AllelcoElec.com.
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Specifications

AD7612BSTZ Tech Specifications

AD7612BSTZ - 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	5V	Number of Bits	16
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	48-LQFP (7x7)	Mounting Type	Surface Mount
Series	iCMOS®, PuISAR®	Input Type	Differential
Sampling Rate (Per Second)	750k	Features	True Bipolar
Reference Type	External, Internal	Data Interface	SPI, Parallel, DSP
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	48-LQFP	Base Product Number	AD7612
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. AD7612BSTZ

Product Attribute				
Part Number	AD7612BSTZ	AD7622BCPZ	AD7616BSTZ	AD7616BSTZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Sampling Rate (Per Second)	750k	2M	1M	1M
Features	True Bipolar	-	Simultaneous Sampling	Simultaneous Sampling
Configuration	S/H-ADC	S/H-ADC	MUX-ADC	MUX-ADC
Number of Bits	16	16	16	16
Series	iCMOS®, PuISAR®	PuISAR®	-	-
Ratio - S/H:ADC	1:1	1:1	-	-
Number of A/D Converters	1	1	2	2
Number of Inputs	1	1	16	16
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tape & Reel (TR)
Voltage - Supply, Digital	5V	2.37V ~ 2.63V	2.3V ~ 3.6V	2.3V ~ 3.6V
Voltage - Supply, Analog	5V	2.37V ~ 2.63V	4.75V ~ 5.25V	4.75V ~ 5.25V
Data Interface	SPI, Parallel, DSP	SPI, Parallel, DSP	DSP, MICROWIRE™, Parallel, QSPI™, Serial, SPI™	DSP, MICROWIRE™, Parallel, QSPI™, Serial, SPI™
Package / Case	48-LQFP	48-VFQFN Exposed Pad, CSP	80-LQFP	80-LQFP
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	48-LQFP (7x7)	48-LFCSP-VQ (7x7)	80-LQFP (14x14)	80-LQFP (14x14)
Base Product Number	AD7612	AD7622	AD7616	AD7616
Input Type	Differential	Differential	Single Ended	Single Ended
Architecture	SAR	SAR	SAR	SAR
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal

AD7612BSTZ Datasheet PDF

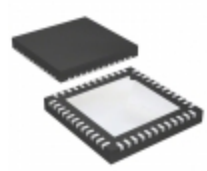
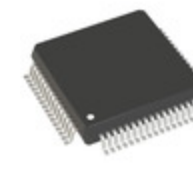
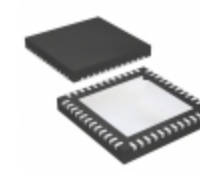
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Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

**AD7622BCPZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP**AD7616BSTZ**Analog Devices Inc.
IC ADC 16BIT SAR 80LQFP**AD7608BSTZ**Analog Devices Inc.
IC DAS/ADC 18BIT 200K 64LQFP**AD7616BSTZ-RL**Analog Devices Inc.
IC ADC 16BIT SAR 80LQFP**AD7609BSTZ**Analog Devices Inc.
IC DAS/ADC 18BIT 200K 64LQFP**AD7612BCPZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP**AD7620JR**

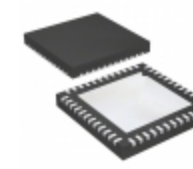
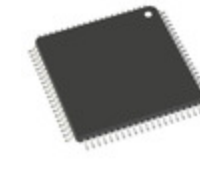
ADI (Analog Devices, Inc.)

**AD7606C-18BSTZ**Analog Devices Inc.
IC ADC 18BIT SAR 64LQFP**AD7608BSTZ-RL**Analog Devices Inc.
IC DAS/ADC 18BIT 200K 64LQFP**AD7607BSTZ**Analog Devices Inc.
IC DAS/ADC 14BIT 200K 64LQFP**AD7621ASTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7610BSTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD760AQ**Analog Devices Inc.
IC DAC 16BIT V-OUT 28CDIP**AD7616-PBSTU1**

ADI (Analog Devices, Inc.)

**AD7609BSTZ-RL**Analog Devices Inc.
IC DAS/ADC 18BIT 200K 64LQFP**AD7620ABCZ**

ADI (Analog Devices, Inc.)

**AD7610BCPZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP**AD7616-PBSTZ**Analog Devices Inc.
IC ADC 16BIT SAR 80LQFP

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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Email

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Certifications & Memberships



View More

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