



Image may be representation.
See specifications for product details.



AD7631BSTZ

Manufacturer Part Number	AD7631BSTZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7631BSTZ
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 18BIT SAR 48LQFP
Package	48-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7631BSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7631BSTZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7631BSTZ, please send us email: info@allelco.com

Specifications

AD7631BSTZ Tech Specifications

AD7631BSTZ - 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	18
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	48-LQFP (7x7)	Mounting Type	Surface Mount
Series	PuISAR®	Input Type	Differential
Sampling Rate (Per Second)	250k	Features	-
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	AD7631
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. AD7631BSTZ

Product Attribute				
Part Number	AD7631BSTZ	AD7631BCPZ	AD7641BCPZ	AD7652ASTZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Sampling Rate (Per Second)	250k	250k	2M	500k
Package / Case	48-LQFP	48-VFQFN Exposed Pad, CSP	48-VFQFN Exposed Pad, CSP	48-LQFP
Number of Bits	18	18	18	16
Data Interface	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP
Features	-	-	-	-
Voltage - Supply, Digital	5V	5V	2.37V ~ 2.63V	5V
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Input Type	Differential	Differential	Differential	Pseudo-Differential
Series	PuISAR®	PuISAR®	-	PuISAR®
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Architecture	SAR	SAR	SAR	SAR
Supplier Device Package	48-LQFP (7x7)	48-LFCSP-VQ (7x7)	48-LFCSP-VQ (7x7)	48-LQFP (7x7)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of A/D Converters	1	1	1	1
Base Product Number	AD7631	AD7631	AD7641	AD7652
Voltage - Supply, Analog	5V	5V	2.37V ~ 2.63V	5V
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Number of Inputs	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray

AD7631BSTZ Datasheet PDF

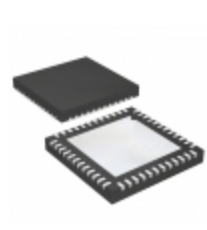
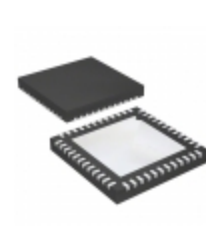
Download AD7631BSTZ pdf datasheets and Analog Devices Inc. documentation for AD7631BSTZ - Analog Devices Inc..

Datasheets

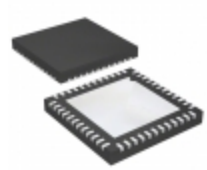
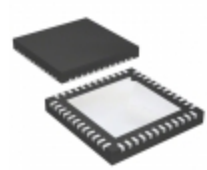
Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

**AD7628KPZ**Analog Devices Inc.
IC DAC 8BIT A-OUT 20PLCC**AD7628KP**Analog Devices Inc.
IC DAC 8BIT A-OUT 20PLCC**AD7631BCPZ**Analog Devices Inc.
IC ADC 18BIT SAR 48LFCSP**AD7641BCPZ**Analog Devices Inc.
IC ADC 18BIT SAR 48LFCSP**AD7628KRZ-REEL7**

ADI (Analog Devices, Inc.)

**AD7652ASTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7643BCPZ**Analog Devices Inc.
IC ADC 18BIT SAR 48LFCSP**AD7628KN**Analog Devices Inc.
IC DAC 8BIT A-OUT 20DIP**AD7634BCPZ**Analog Devices Inc.
IC ADC 18BIT SAR 48LFCSP**AD7641BSTZ**Analog Devices Inc.
IC ADC 18BIT SAR 48LQFP**AD7651ASTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7645UQ**

ADI (Analog Devices, Inc.)

**AD7628KRZ**Analog Devices Inc.
IC DAC 8BIT A-OUT 20SOIC**AD7628TE**Analog Devices Inc.
IC DAC 8BIT A-OUT 20LCCC**AD7634BSTZ**Analog Devices Inc.
IC ADC 18BIT SAR 48LQFP**AD7653ASTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7641BSTZRL**Analog Devices Inc.
IC ADC 18BIT SAR 48LQFP**AD7628KR**Analog Devices Inc.
IC DAC 8BIT A-OUT 20SOIC

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.

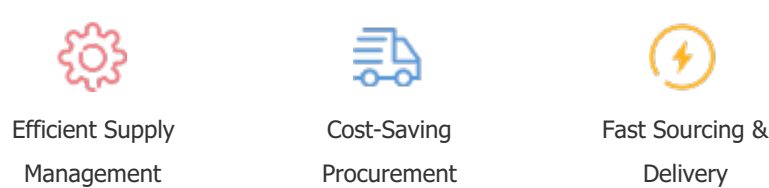
Payment Support

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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