



Image may be representation.
See specifications for product details.



AD7641BSTZ

Manufacturer Part Number	AD7641BSTZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7641BSTZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 18BIT SAR 48LQFP
Package	48-LQFP
Data sheet	AD7641.pdf AD7641.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7641BSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7641BSTZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7641BSTZ, please send us email: info@allelco.com

Specifications

AD7641BSTZ Tech Specifications

AD7641BSTZ - 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	2.37V ~ 2.63V	Number of Bits	18
Voltage - Supply, Analog	2.37V ~ 2.63V	Number of A/D Converters	1
Supplier Device Package	48-LQFP (7x7)	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	2M	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	AD7641
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. AD7641BSTZ

Product Attribute				
Part Number	AD7641BSTZ	AD7651ASTZ	AD7641BSTZRL	AD7631BCPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Base Product Number	AD7641	AD7651	AD7641	AD7631
Voltage - Supply, Digital	2.37V ~ 2.63V	5V	2.37V ~ 2.63V	5V
Number of A/D Converters	1	1	1	1
Input Type	Differential	Pseudo-Differential	Differential	Differential
Number of Inputs	1	1	1	1
Number of Bits	18	16	18	18
Supplier Device Package	48-LQFP (7x7)	48-LQFP (7x7)	48-LQFP (7x7)	48-LFQFN (7x7)
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Package	Tray	Tray	Tape & Reel (TR)	Tray
Architecture	SAR	SAR	SAR	SAR
Sampling Rate (Per Second)	2M	100k	2M	250k
Features	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Data Interface	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP
Series	-	PuISAR®	-	PuISAR®
Package / Case	48-LQFP	48-LQFP	48-LQFP	48-VFQFN Exposed Pad, CSP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Analog	2.37V ~ 2.63V	5V	2.37V ~ 2.63V	5V

AD7641BSTZ Datasheet PDF

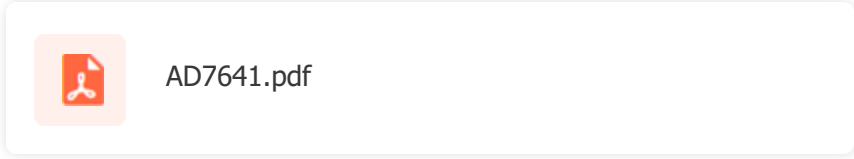
Download AD7641BSTZ pdf datasheets and Analog Devices Inc. documentation for AD7641BSTZ - Analog Devices Inc..

Datasheets

[AD7641.pdf](#)



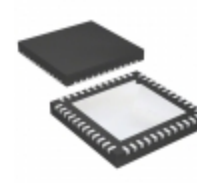
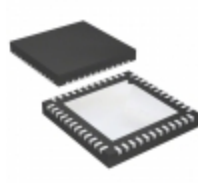



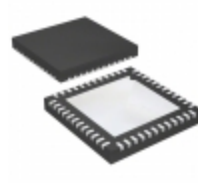

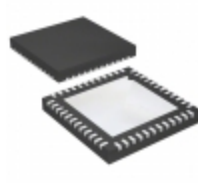



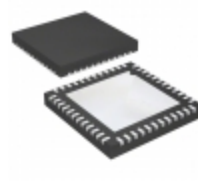
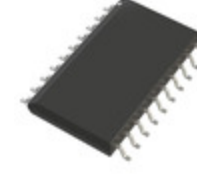
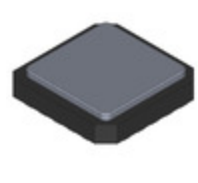

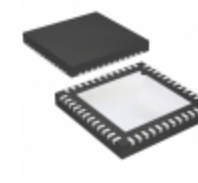
PCN Assembly/Origin

[Site Chg 24/Feb/2016.pdf](#)



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Recommended Products

 AD7651ASTZ Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	 AD7641BSTZRL Analog Devices Inc. IC ADC 18BIT SAR 48LQFP	 AD7631BCPZ Analog Devices Inc. IC ADC 18BIT SAR 48LFCSP	 AD7654ACPZ Analog Devices Inc. IC ADC 16BIT SAR 48LFCSP	 AD7653ASTZ Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	 AD7628KRZ-REEL7 ADI (Analog Devices, Inc.)
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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.




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Efficient Supply Management




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Contact us if you have any questions.



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