

Image may be representation.
See specifications for product details.



AD7951BSTZ

Manufacturer Part Number	AD7951BSTZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7951BSTZ
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 14BIT SAR 48LQFP
Package	48-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7951BSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7951BSTZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7951BSTZ, please send us email: info@allelco.com

Specifications

AD7951BSTZ Tech Specifications

AD7951BSTZ - 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	14
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)	1M	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	AD7951
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. AD7951BSTZ

Product Attribute				
Part Number	AD7951BSTZ	AD7960BCPZ-RL7	AD7949BCPZ	AD7961BCPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	48-LQFP (7x7)	32-LFCSP-WQ (5x5)	20-LFCSP (4x4)	32-LFCSP-WQ (5x5)
Architecture	SAR	SAR	SAR	SAR
Reference Type	External, Internal	External, Internal	External, Internal	External
Configuration	S/H-ADC	S/H-ADC	MUX-S/H-ADC	S/H-ADC
Data Interface	SPI, Parallel, DSP	LVDS - Serial	SPI, DSP	LVDS - Serial
Features	-	-	Temperature Sensor	-
Package / Case	48-LQFP	32-WFQFN Exposed Pad, CSP	20-WFQFN Exposed Pad, CSP	32-WFQFN Exposed Pad, CSP
Base Product Number	AD7951	AD7960	AD7949	AD7961
Sampling Rate (Per Second)	1M	5M	250k	5M
Voltage - Supply, Digital	5V	5V	2.3V ~ 5.5V	5V
Input Type	Differential	Differential	Differential, Pseudo-Differential, Single Ended	Differential
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply, Analog	5V	5V	2.3V ~ 5.5V	5V
Package	Tray	Tape & Reel (TR)	Tray	Tray
Series	iCMOS®, PuISAR®	PuISAR®	PuISAR®	PuISAR®
Number of Bits	14	18	14	16
Number of A/D Converters	1	1	1	1
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Number of Inputs	1	1	8	1

AD7951BSTZ Datasheet PDF

Download AD7951BSTZ pdf datasheets and Analog Devices Inc. documentation for AD7951BSTZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products



AD795KN

ADI (Analog Devices, Inc.)



AD795JRZ

Analog Devices Inc.
IC OPAMP JFET 1 CIRCUIT 8SOIC



AD7960BCPZ-RL7

Analog Devices Inc.
IC ADC 18BIT SAR 32LFCSP



AD7948BR

Analog Devices Inc.
IC DAC 12BIT A-OUT 20SOIC



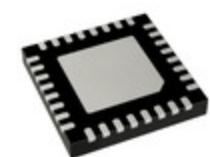
AD79505JP

ADI (Analog Devices, Inc.)



AD7949BCPZ

Analog Devices Inc.
IC ADC 14BIT SAR 20LFCSP



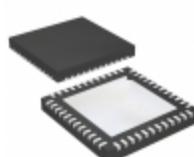
AD7961BCPZ

Analog Devices Inc.
IC ADC 16BIT SAR 32LFCSP



AD7948BRS

Analog Devices Inc.
IC DAC 12BIT A-OUT 20SSOP



AD7951BCPZ

Analog Devices Inc.
IC ADC 14BIT SAR 48LFCSP



AD795JR

Analog Devices Inc.
IC OPAMP JFET 1 CIRCUIT 8SOIC



AD7948BRZ

Analog Devices Inc.
IC DAC 12BIT A-OUT 20SOIC



AD795JNZ

ADI (Analog Devices, Inc.)



AD7960BCPZ

Analog Devices Inc.
IC ADC 18BIT SAR 32LFCSP



AD7949BCPZRL7

Analog Devices Inc.
IC ADC 14BIT SAR 20LFCSP



AD795JRZ-REEL7

Analog Devices Inc.
IC OPAMP JFET 1 CIRCUIT 8SOIC



AD7952BSTZ

Analog Devices Inc.
IC ADC 14BIT SAR 48LQFP



AD7948BRSZ

Analog Devices Inc.
IC DAC 12BIT A-OUT 20SSOP



AD795KNZ

ADI (Analog Devices, Inc.)

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.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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