



Image may be representation.
See specifications for product details.



AD7658BSTZ-1

Manufacturer Part Number	AD7658BSTZ-1
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7658BSTZ-1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 12BIT SAR 64LQFP
Package	64-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7658BSTZ-1 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7658BSTZ-1 datasheet/specifications on AllelcoElec.com.
Request a quote for AD7658BSTZ-1, please send us email: info@allelco.com

Specifications

AD7658BSTZ-1 Tech Specifications

AD7658BSTZ-1 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	6
Voltage - Supply, Digital	5V	Number of Bits	12
Voltage - Supply, Analog	5V	Number of A/D Converters	6
Supplier Device Package	64-LQFP (10x10)	Mounting Type	Surface Mount
Series	iCMOS®	Input Type	Single Ended
Sampling Rate (Per Second)	250k	Features	Simultaneous Sampling, True Bipolar
Reference Type	External, Internal	Data Interface	SPI, Parallel, DSP
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	64-LQFP	Base Product Number	AD7658
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. AD7658BSTZ-1

Product Attribute				
Part Number	AD7658BSTZ-1	AD7658YSTZ	AD7658YSTZ-1	AD7657BSTZ-1-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Analog	5V	5V	5V	5V
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Architecture	SAR	SAR	SAR	SAR
Data Interface	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP
Voltage - Supply, Digital	5V	5V	5V	5V
Series	iCMOS®	iCMOS®	iCMOS®	iCMOS®
Input Type	Single Ended	Single Ended	Single Ended	Single Ended
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	64-LQFP	64-LQFP	64-LQFP	64-LQFP
Base Product Number	AD7658	AD7658	AD7658	AD7657
Number of Bits	12	12	12	14
Sampling Rate (Per Second)	250k	250k	250k	250k
Number of Inputs	6	6	6	6
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Operating Temperature	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C
Number of A/D Converters	6	6	6	6
Features	Simultaneous Sampling, True Bipolar	Simultaneous Sampling, True Bipolar	Simultaneous Sampling, True Bipolar	Simultaneous Sampling, True Bipolar
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Supplier Device Package	64-LQFP (10x10)	64-LQFP (10x10)	64-LQFP (10x10)	64-LQFP (10x10)
Package	Tray	Tray	Tray	Tape & Reel (TR)

AD7658BSTZ-1 Datasheet PDF

Download AD7658BSTZ-1 pdf datasheets and Analog Devices Inc. documentation for AD7658BSTZ-1 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products



AD7658YSTZ

Analog Devices Inc.
IC ADC 12BIT SAR 64LQFP



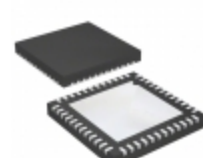
AD7658YSTZ-1

Analog Devices Inc.
IC ADC 12BIT SAR 64LQFP



AD7657BSTZ-1-RL

Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP



AD7663ACPZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP



AD7661ASTZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



AD7660AST

Analog Devices Inc.
IC ADC 16BIT UNIPOLAR 48-LQFP



AD7657BSTZ-1

Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP



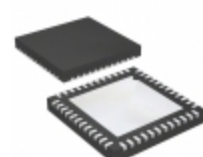
AD7663AST

ADI (Analog Devices, Inc.)



AD7663ASTZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



AD7661ACPZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP



AD7657YSTZ-1

Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP



AD7660ASTZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



AD7656YSTZ-1

Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP



AD7656YSTZ

Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP



AD7657YSTZ

Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP



AD7657BSTZ

Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP



AD7658BSTZ

Analog Devices Inc.
IC ADC 12BIT SAR 64LQFP



AD7657BSTZ-REEL

Analog Devices Inc.
IC ADC 14BIT SAR 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 -



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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