



Image may be representation.  
See specifications for product details.



## AD5383BSTZ-3

Manufacturer Part Number	<b>AD5383BSTZ-3</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5383BSTZ-3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 12BIT V-OUT 100LQFP
Package	100-LQFP
Data sheet	<b>AD5383.pdf</b>

**Get a Quote**

AD5383BSTZ-3 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5383BSTZ-3 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5383BSTZ-3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

AD5383BSTZ-3 Tech Specifications

AD5383BSTZ-3 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of D/A Converters	32
Voltage - Supply, Analog	2.7V ~ 3.6V	Number of Bits	12
Supplier Device Package	100-LQFP (14x14)	Mounting Type	Surface Mount
Settling Time	8µs	INL/DNL (LSB)	±1 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External, Internal	Data Interface	I²C, Parallel, SPI, DSP
Package / Case	100-LQFP	Base Product Number	AD5383
Package	Tray	Architecture	String DAC
Output Type	Voltage - Buffered		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5383BSTZ-3

Product Attribute				
Part Number	AD5383BSTZ-3	AD5382BSTZ-5	AD5380BSTZ-5	AD5380BSTZ-3
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±4 (Max), -1/+2 (Max)	±4 (Max), -1/+2 (Max)	±4 (Max), -1/+2 (Max)
Settling Time	8µs	8µs	8µs	8µs
Data Interface	I²C, Parallel, SPI, DSP	I²C, Parallel, SPI, DSP	I²C, Parallel, SPI, DSP	I²C, Parallel, SPI, DSP
Number of Bits	12	14	14	14
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Series	-	-	-	-
Voltage - Supply, Analog	2.7V ~ 3.6V	5V	5V	2.7V ~ 3.6V
Base Product Number	AD5383	AD5382	AD5380	AD5380
Number of D/A Converters	32	32	40	40
Supplier Device Package	100-LQFP (14x14)	100-LQFP (14x14)	100-LQFP (14x14)	100-LQFP (14x14)
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Package / Case	100-LQFP	100-LQFP	100-LQFP	100-LQFP
Architecture	String DAC	String DAC	String DAC	String DAC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Differential Output	No	No	No	No
Package	Tray	Tray	Tray	Tray

## AD5383BSTZ-3 Datasheet PDF

Download AD5383BSTZ-3 pdf datasheets and Analog Devices Inc. documentation for AD5383BSTZ-3 - Analog Devices Inc..

### Datasheets

[AD5383.pdf](#)

### PCN Obsolescence/ EOL

[Mult Device EOL 13/Jul/2016.pdf](#)

### PCN Assembly/Origin

[Assembly Relocation Rev 08/Aug/2016.pdf](#)



AD5380,1,2,3,4 Datasheet Corrections  
11/Apr/2014.pdf



AD5381,3 Redesign 24/Oct/2011.pdf

## Customers Also Interested in

### Recommended Products



**AD5382BSTZ-5**

Analog Devices Inc.  
IC DAC 14BIT V-OUT 100LQFP



**AD5380BSTZ-5**

Analog Devices Inc.  
IC DAC 14BIT V-OUT 100LQFP



**AD538BD**

Analog Devices Inc.  
IC MULT/DIV REALTIME ACU 18-  
CDIP



**AD538AD**

Analog Devices Inc.  
IC MULT/DIV REALTIME ACU 18-  
CDIP



**AD5380BSTZ-3**

Analog Devices Inc.  
IC DAC 14BIT V-OUT 100LQFP



**AD5380BST-5**

Analog Devices Inc.  
IC DAC 14BIT 12C 40CH 5V 100LQFP



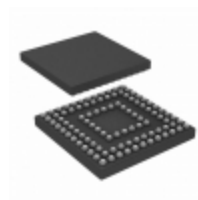
**AD537SH**

Analog Devices Inc.  
IC V/F CONV 100KHZ TO100-10



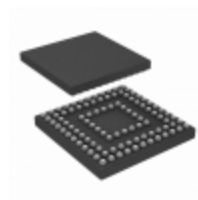
**AD5381BSTZ-5**

Analog Devices Inc.  
IC DAC 12BIT V-OUT 100LQFP



**AD5384BBC-5**

Analog Devices Inc.  
IC DAC 14BIT V-OUT 100CSBGA



**AD5384BBCZ-5**

Analog Devices Inc.  
IC DAC 14BIT V-OUT 100CSBGA



**AD538SD**

Analog Devices Inc.  
IC MULT/DIV REALTIME ACU 18-  
CDIP



**AD538ADZ**

Analog Devices Inc.  
IC REALTIME ACU UNIT 18-CDIP



**AD538BDZ**

Analog Devices Inc.  
IC MULT/DIV REALTIME ACU 18-  
CDIP



**AD537SH/883B**

Analog Devices Inc.  
IC V/F CONV 100KHZ TO100-10



**AD538SD/883B**

Analog Devices Inc.  
IC MULT/DIV REALTIME ACU 18CDIP



**AD5382BSTZ-3**

Analog Devices Inc.  
IC DAC 14BIT V-OUT 100LQFP



**AD5390BCPZ-3**

Analog Devices Inc.  
IC DAC 14BIT V-OUT 64LFCSP



**AD5381BST-5**

Analog Devices Inc.  
IC DAC 12BIT 40CH 5V 100-LQFP

## 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



View More

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