

Image may be representation.
See specifications for product details.



AD5390BSTZ-3

Manufacturer Part Number	AD5390BSTZ-3
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5390BSTZ-3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 14BIT V-OUT 52LQFP
Package	52-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5390BSTZ-3 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5390BSTZ-3 datasheet/specifications on AllelcoElec.com.
Request a quote for AD5390BSTZ-3, please send us email: info@allelco.com

Specifications

AD5390BSTZ-3 Tech Specifications

AD5390BSTZ-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	16
Voltage - Supply, Analog	2.7V ~ 3.6V	Number of Bits	14
Supplier Device Package	52-LQFP (10x10)	Mounting Type	Surface Mount
Settling Time	8µs	INL/DNL (LSB)	±4 (Max), -1/+2 (Max)
Series	-	Differential Output	No
Reference Type	External, Internal	Data Interface	I²C, SPI, DSP
Package / Case	52-LQFP	Base Product Number	AD5390
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. AD5390BSTZ-3

Product Attribute				
Part Number	AD5390BSTZ-3	AD5398ABCZ-REEL7	AD5384BBCZ-5	AD5390BCPZ-3
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 85°C	-30°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Voltage - Buffered	Current - Unbuffered	Voltage - Buffered	Voltage - Buffered
Data Interface	I²C, SPI, DSP	I²C	I²C, SPI, DSP	I²C, SPI, DSP
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Voltage - Supply, Analog	2.7V ~ 3.6V	2.7V ~ 5.5V	5V	2.7V ~ 3.6V
Reference Type	External, Internal	Internal	External, Internal	External, Internal
Series	-	-	denseDAC	-
INL/DNL (LSB)	±4 (Max), -1/+2 (Max)	±1.5, ±1 (Max)	±4 (Max), -1/+2 (Max)	±4 (Max), -1/+2 (Max)
Number of D/A Converters	16	1	40	16
Supplier Device Package	52-LQFP (10x10)	9-WLCSP (1.52x1.69)	100-CSPBGA (10x10)	64-LFCSP-VQ (9x9)
Number of Bits	14	10	14	14
Package	Tray	Tape & Reel (TR)	Tray	Tray
Architecture	String DAC	Current Sink	String DAC	String DAC
Package / Case	52-LQFP	9-UFPGA, WLCSP	100-LFBGA, CSPBGA	64-VFQFN Exposed Pad, CSP
Settling Time	8µs	250µs (Typ)	8µs	8µs
Base Product Number	AD5390	AD5398	AD5384	AD5390
Differential Output	No	No	No	No

AD5390BSTZ-3 Datasheet PDF

Download AD5390BSTZ-3 pdf datasheets and Analog Devices Inc. documentation for AD5390BSTZ-3 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Design Resources

[2.73KHz.pdf](#)

PCN Design/Specification

[AD5390,1,2 Datasheet Update 17/Jul/2014.pdf](#)

[AD5390/1/2 Series Redesign 16/May/2012.pdf](#)

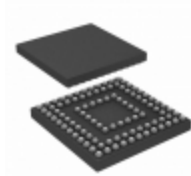
Customers Also Interested in

Recommended Products



AD5398ABCBZ-REEL7

Analog Devices Inc.
IC DAC 10BIT A-OUT 9WLCSP



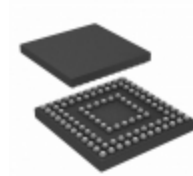
AD5384BBCZ-5

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



AD5390BCPZ-3

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



AD5384BBC-5

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



AD5391BCPZ-3

Analog Devices Inc.
IC DAC 12BIT V-OUT 64LFCSP



AD5391BSTZ-5

Analog Devices Inc.
IC DAC 12BIT V-OUT 52LQFP



AD5391BSTZ-3

Analog Devices Inc.
IC DAC 12BIT V-OUT 52LQFP



AD5392BCPZ-5

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



AD538AD

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



AD5390BCPZ-5

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



AD538SD

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



AD538BD

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



AD5392BCP-3

Analog Devices Inc.
IC DAC 14BIT I2C 8CH 3V 64-LFCSP



AD5391BCPZ-5

Analog Devices Inc.
IC DAC 12BIT V-OUT 64LFCSP



AD538ADZ

Analog Devices Inc.
IC REALTIME ACU UNIT 18-CDIP



AD538SD/883B

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



AD538BDZ

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



AD5390BSTZ-5

Analog Devices Inc.
IC DAC 14BIT V-OUT 52LQFP

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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