

Image may be representation.  
See specifications for product details.



## AD5390BSTZ-5

Manufacturer Part Number	<b>AD5390BSTZ-5</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5390BSTZ-5
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 14BIT V-OUT 52LQFP
Package	52-LQFP
Data sheet	<b>AD5390-92.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD5390BSTZ-5 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5390BSTZ-5 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5390BSTZ-5, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5390BSTZ-5 Tech Specifications

AD5390BSTZ-5 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Output Type	Voltage - Buffered
Voltage - Supply, Digital	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Analog	5V	Number of D/A Converters	16
Supplier Device Package	52-LQFP (10x10)	Number of Bits	14
Settling Time	8µs	Mounting Type	Surface Mount
Series	-	Differential Output	No
Reference Type	External, Internal	Data Interface	I <sup>2</sup> C, SPI, DSP
Package / Case	52-LQFP	Base Product Number	AD5390
Package	Tray	Architecture	String DAC

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5390BSTZ-5

Product Attribute				
Part Number	AD5390BSTZ-5	AD5384BBCZ-5	AD5398BCBZ-REEL7	AD5391BSTZ-5
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tape & Reel (TR)	Tray
Number of Bits	14	14	10	12
Architecture	String DAC	String DAC	Current Sink	String DAC
Differential Output	No	No	No	No
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Number of D/A Converters	16	40	1	16
Reference Type	External, Internal	External, Internal	Internal	External, Internal
Base Product Number	AD5390	AD5384	AD5398	AD5391
Package / Case	52-LQFP	100-LFBGA, CSPBGA	9-UFBGA, WLCSP	52-LQFP
Supplier Device Package	52-LQFP (10x10)	100-CSPBGA (10x10)	9-WLCSP (1.52x1.69)	52-LQFP (10x10)
Data Interface	I <sup>2</sup> C, SPI, DSP	I <sup>2</sup> C, SPI, DSP	I <sup>2</sup> C	I <sup>2</sup> C, SPI, DSP
Series	-	denseDAC	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply, Analog	5V	5V	2.7V ~ 5.5V	5V
Settling Time	8µs	8µs	250µs (Typ)	8µs
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Unbuffered	Voltage - Buffered

### AD5390BSTZ-5 Datasheet PDF

Download AD5390BSTZ-5 pdf datasheets and Analog Devices Inc. documentation for AD5390BSTZ-5 - Analog Devices Inc..

#### Datasheets

[AD5390-92.pdf](#)

#### Design Resources

[AD5390/91/92 Channel Monitor Function \(CN0030\).pdf](#)

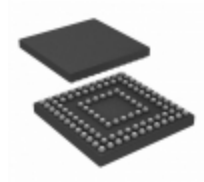

















#### PCN Design/Specification

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

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

### Customers Also Interested in

## Recommended Products

					
<b>AD5384BBCZ-5</b> Analog Devices Inc. IC DAC 14BIT V-OUT 100CSBGA	<b>AD5398BCBZ-REEL7</b> Analog Devices Inc. IC DAC 10BIT V-OUT 9WLCSP	<b>AD5391BSTZ-5</b> Analog Devices Inc. IC DAC 12BIT V-OUT 52LQFP	<b>AD5390BCPZ-5</b> Analog Devices Inc. IC DAC 14BIT V-OUT 64LFCSP	<b>AD538AD</b> Analog Devices Inc. IC MULT/DIV REALTIME ACU 18-CDIP	<b>AD5390BCPZ-3</b> Analog Devices Inc. IC DAC 14BIT V-OUT 64LFCSP
					
<b>AD538BDZ</b> Analog Devices Inc. IC MULT/DIV REALTIME ACU 18-CDIP	<b>AD538SD/883B</b> Analog Devices Inc. IC MULT/DIV REALTIME ACU 18CDIP	<b>AD5398ABCBZ-REEL7</b> Analog Devices Inc. IC DAC 10BIT A-OUT 9WLCSP	<b>AD5391BCPZ-3</b> Analog Devices Inc. IC DAC 12BIT V-OUT 64LFCSP	<b>AD538SD</b> Analog Devices Inc. IC MULT/DIV REALTIME ACU 18-CDIP	<b>AD5392BCPZ-5</b> Analog Devices Inc. IC DAC 14BIT V-OUT 64LFCSP
					
<b>AD5390BSTZ-3</b> Analog Devices Inc. IC DAC 14BIT V-OUT 52LQFP	<b>AD5391BSTZ-3</b> Analog Devices Inc. IC DAC 12BIT V-OUT 52LQFP	<b>AD5391BCPZ-5</b> Analog Devices Inc. IC DAC 12BIT V-OUT 64LFCSP	<b>AD538BD</b> Analog Devices Inc. IC MULT/DIV REALTIME ACU 18-CDIP	<b>AD5392BCP-3</b> Analog Devices Inc. IC DAC 14BIT I2C 8CH 3V 64-LFCSP	<b>AD538ADZ</b> Analog Devices Inc. IC REALTIME ACU UNIT 18-CDIP

## 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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### Certifications & Memberships



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