



Image may be representation.  
See specifications for product details.



## AD5370BSTZ

Manufacturer Part Number	<b>AD5370BSTZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5370BSTZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 16BIT V-OUT 64LQFP
Package	64-LQFP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD5370BSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5370BSTZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5370BSTZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5370BSTZ Tech Specifications  
AD5370BSTZ - 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	2.5V ~ 5.5V	Number of D/A Converters	40
Voltage - Supply, Analog	9V ~ 16.5V, -4.5V ~ 16.5V	Number of Bits	16
Supplier Device Package	64-LQFP (10x10)	Mounting Type	Surface Mount
Settling Time	30µs	INL/DNL (LSB)	±4 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI, DSP
Package / Case	64-LQFP	Base Product Number	AD5370
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. AD5370BSTZ

Product Attribute				
Part Number	AD5370BSTZ	AD5370BCPZ	AD5372BSTZ	AD5373BCPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Number of D/A Converters	40	40	32	32
Settling Time	30µs	30µs	30µs	30µs
Package / Case	64-LQFP	64-VFQFN Exposed Pad, CSP	64-LQFP	64-VFQFN Exposed Pad, CSP
Base Product Number	AD5370	AD5370	AD5372	AD5373
INL/DNL (LSB)	±4 (Max), ±1 (Max)	±4 (Max), ±1 (Max)	±4 (Max), ±1 (Max)	±1 (Max), ±1 (Max)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Reference Type	External	External	External	External
Supplier Device Package	64-LQFP (10x10)	64-LFCSP-VQ (9x9)	64-LQFP (10x10)	64-LFCSP-VQ (9x9)
Voltage - Supply, Analog	9V ~ 16.5V, -4.5V ~ 16.5V	9V ~ 16.5V, -4.5V ~ 16.5V	9V ~ 16.5V, -4.5V ~ 16.5V	9V ~ 16.5V, -4.5V ~ 16.5V
Differential Output	No	No	No	No
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Package	Tray	Tray	Tray	Tray
Number of Bits	16	16	16	14
Series	-	-	-	-
Voltage - Supply, Digital	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Architecture	String DAC	String DAC	String DAC	String DAC

### AD5370BSTZ Datasheet PDF

Download AD5370BSTZ pdf datasheets and Analog Devices Inc. documentation for AD5370BSTZ - Analog Devices Inc..

#### Datasheets

Cylindrical Battery Holders.pdf

#### PCN Assembly/Origin

Site Chg 24/Feb/2016.pdf

### Customers Also Interested in

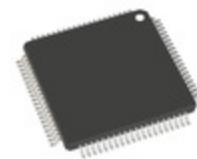
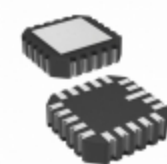
#### Recommended Products

**AD537JD**Analog Devices Inc.  
IC V/F CONV 100KHZ 14CDIP**AD537KD**Analog Devices Inc.  
IC V/F CONV 100KHZ 14CDIP**AD536ASCHIPS**

ADI (Analog Devices, Inc.)

**AD5370BCPZ**Analog Devices Inc.  
IC DAC 16BIT V-OUT 64LFCSP**AD5372BSTZ**Analog Devices Inc.  
IC DAC 16BIT V-OUT 64LQFP**AD536ASH**Analog Devices Inc.  
IC RMS TO DC CONVERTER TO100-10**AD5373BCPZ**Analog Devices Inc.  
IC DAC 14BIT V-OUT 64LFCSP**AD536ASD/883**

ADI (Analog Devices, Inc.)

**AD537KH**Analog Devices Inc.  
IC V/F CONV 100KHZ TO100-10**AD5372BCPZ**Analog Devices Inc.  
IC DAC 16BIT V-OUT 56LFCSP**AD537JH**Analog Devices Inc.  
IC V/F CONV 100KHZ TO100-10**AD5371BSTZ**Analog Devices Inc.  
IC DAC 14BIT V-OUT 80LQFP**AD5379ABCZ**Analog Devices Inc.  
IC DAC 14BIT V-OUT 108CSPBGA**AD536ASE/883B**Analog Devices Inc.  
IC RMS TO DC CONVERTER 20LCC**AD5379ABC**Analog Devices Inc.  
IC DAC 14BIT V-OUT 108CSPBGA**AD536ASD/883B**Analog Devices Inc.  
IC RMS TO DC CONVERTER 14CDIP**AD536ASD**Analog Devices Inc.  
IC RMS TO DC CONVERTER 14CDIP**AD536ASH/883B**Analog Devices Inc.  
IC RMS TO DC CONVERTER TO100-10

## 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.



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+00852 9146 4856



Email

info@allelco.com

### Certifications & Memberships



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