



Image may be representation.
See specifications for product details.



AD7656BSTZ

| | |
|--------------------------|----------------------------------------|
| Manufacturer Part Number | AD7656BSTZ |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-AD7656BSTZ |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC ADC 16BIT SAR 64LQFP |
| Package | 64-LQFP |
| Data sheet | Cylindrical Battery Holders.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

AD7656BSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7656BSTZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7656BSTZ, please send us email: info@allelco.com

Specifications

AD7656BSTZ Tech Specifications

AD7656BSTZ - 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 | 16 |
| 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 | AD7656 |
| 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. AD7656BSTZ

| Product Attribute | | | | |
|----------------------------|-------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| Part Number | AD7656BSTZ | AD7654ACPZ | AD7656YSTZ-1 | AD7657BSTZ |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Number of Bits | 16 | 16 | 16 | 14 |
| Package / Case | 64-LQFP | 48-VFQFN Exposed Pad, CSP | 64-LQFP | 64-LQFP |
| Series | iCMOS® | PuISAR® | iCMOS® | iCMOS® |
| Operating Temperature | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 125°C | -40°C ~ 85°C |
| Number of Inputs | 6 | 2, 4 | 6 | 6 |
| Ratio - S/H:ADC | 1:1 | 2:1 | 1:1 | 1:1 |
| Voltage - Supply, Analog | 5V | 5V | 5V | 5V |
| Supplier Device Package | 64-LQFP (10x10) | 48-LFCSP-VQ (7x7) | 64-LQFP (10x10) | 64-LQFP (10x10) |
| Features | Simultaneous Sampling, True Bipolar | Simultaneous Sampling | Simultaneous Sampling, True Bipolar | Simultaneous Sampling, True Bipolar |
| Input Type | Single Ended | Pseudo-Differential, Single Ended | Single Ended | Single Ended |
| Number of A/D Converters | 6 | 1 | 6 | 6 |
| Base Product Number | AD7656 | AD7654 | AD7656 | AD7657 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Voltage - Supply, Digital | 5V | 5V | 5V | 5V |
| Sampling Rate (Per Second) | 250k | 500k | 250k | 250k |
| Data Interface | SPI, Parallel, DSP | SPI, Parallel, DSP | SPI, Parallel, DSP | SPI, Parallel, DSP |
| Architecture | SAR | SAR | SAR | SAR |
| Reference Type | External, Internal | External | External, Internal | External, Internal |
| Package | Tray | Tray | Tray | Tray |
| Configuration | S/H-ADC | MUX-S/H-MUX-ADC | S/H-ADC | S/H-ADC |

AD7656BSTZ Datasheet PDF

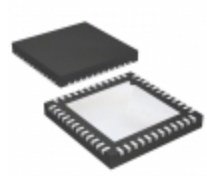
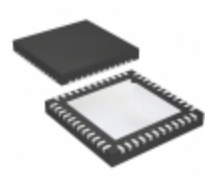
Download AD7656BSTZ pdf datasheets and Analog Devices Inc. documentation for AD7656BSTZ - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

**AD7654ACPZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP**AD7656YSTZ-1**Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP**AD7657BSTZ**Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP**AD7654ASTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7657BSTZ-REEL**Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP**AD7656BSTZ-1**Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP**AD7656YSTZ**Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP**AD7657BSTZ-1**Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP**AD7656BSTZ-REEL**Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP**AD7656A-1BSTZ**Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP**AD7652ASTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7653ASTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7657BSTZ-1-RL**Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP**AD7655ASTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7655ACPZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP**AD7654ASTZRL**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7657YSTZ**Analog Devices Inc.
IC ADC 14BIT SAR 64LQFP**AD7655ASTZRL**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP

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



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Certifications & Memberships



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