# AD6654BBCZ

| | |
|---|---|
| Manufacturer Part Number | AD6654BBCZ |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-AD6654BBCZ |
| ECAD Model | PCB Footprint and Symbol |
| Parts Description | IC ADC 14BIT PIPELINED 256CSPBGA |
| Package | 256-BGA, CSPBGA |
| Data sheet | AD6654.pdf |
| RoHs Status | ROHS3 Compliant |

Image may be representation.
See specifications for product details.

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AD6654BBCZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD6654BBCZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD6654BBCZ, please send us email: info@allelco.com

## Specifications

AD6654BBCZ Tech Specifications
AD6654BBCZ - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|---|---|---|---|
| Manufacturer | Analog Devices, Inc. | Number of Inputs | 1 |
| Voltage - Supply, Digital | 3V ~ 3.6V | Number of Bits | 14 |
| Voltage - Supply, Analog | 5V | Number of A/D Converters | 1 |
| Supplier Device Package | 256-CSPBGA (17x17) | Mounting Type | Surface Mount |
| Series | - | Input Type | Differential |
| Sampling Rate (Per Second) | 92.16M | Features | - |
| Reference Type | Internal | Data Interface | Parallel |
| Ratio - S/H:ADC | 1:1 | Configuration | S/H-ADC |
| Package / Case | 256-BGA, CSPBGA | Base Product Number | AD6654 |
| Package | Tray | Architecture | Pipelined |
| Operating Temperature | -25°C ~ 85°C | | |

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD6654BBCZ

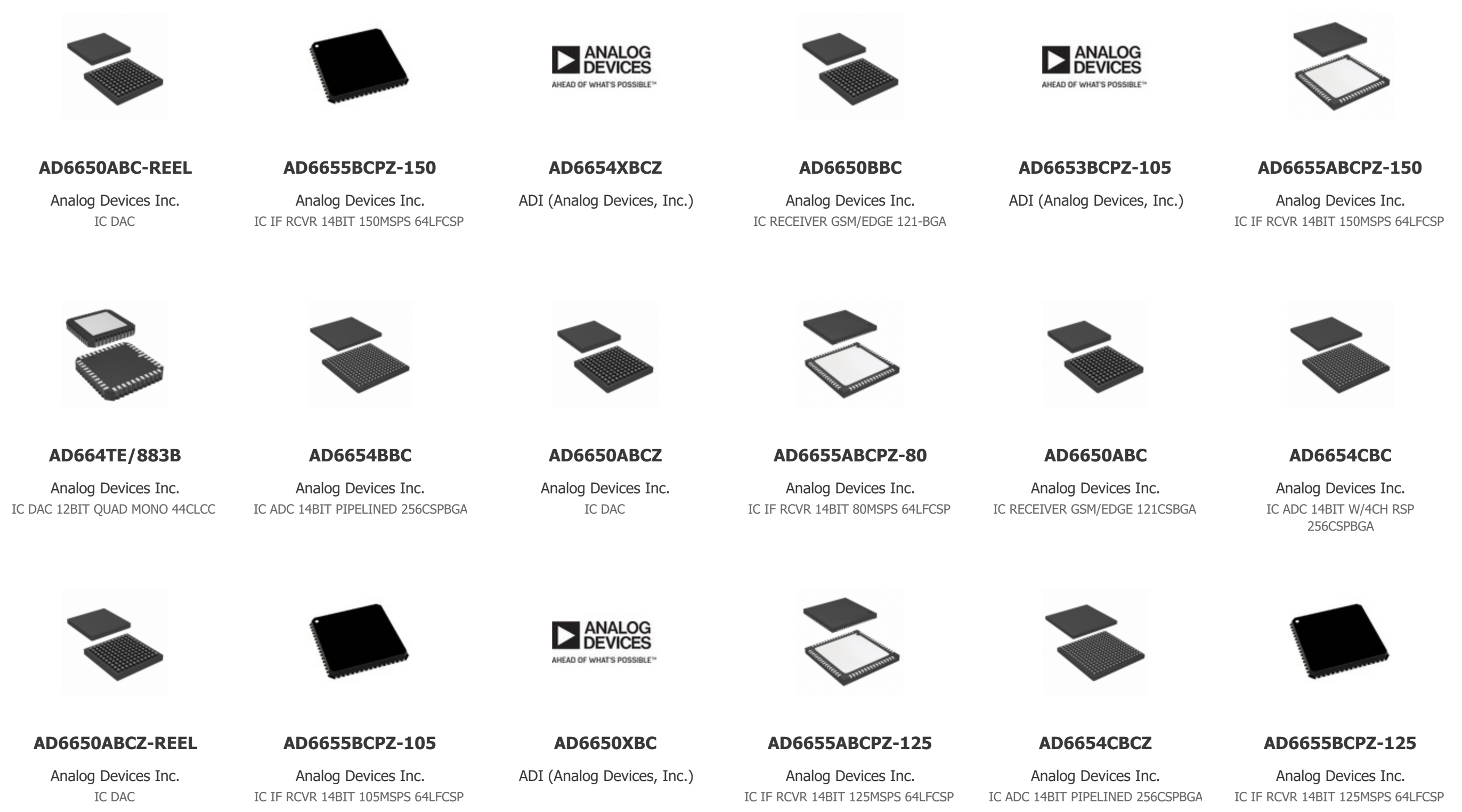| Product Attribute | | | | |
|---|---|---|---|---|
| Part Number | AD6654BBCZ | AD6654BBC | AD6654CBC | AD6654CBCZ |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Number of A/D Converters | 1 | 1 | 1 | 1 |
| Package | Tray | Tray | Tray | Tray |
| Reference Type | Internal | Internal | Internal | Internal |
| Configuration | S/H-ADC | S/H-ADC | S/H-ADC | S/H-ADC |
| Input Type | Differential | Differential | Differential | Differential |
| Operating Temperature | -25°C ~ 85°C | -25°C ~ 85°C | -25°C ~ 85°C | -25°C ~ 85°C |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Base Product Number | AD6654 | AD6654 | AD6654 | AD6654 |
| Architecture | Pipelined | Pipelined | Subranging | Pipelined |
| Features | - | - | - | - |
| Voltage - Supply, Analog | 5V | 5V | 5V | 5V |
| Number of Inputs | 1 | 1 | 1 | 1 |
| Supplier Device Package | 256-CSPBGA (17x17) | 256-CSPBGA (17x17) | 256-CSPBGA (17x17) | 256-CSPBGA (17x17) |
| Number of Bits | 14 | 14 | 14 | 14 |
| Voltage - Supply, Digital | 3V ~ 3.6V | 3V ~ 3.6V | 3V ~ 3.6V | 3V ~ 3.6V |
| Series | - | - | - | - |
| Package / Case | 256-BGA, CSPBGA | 256-BGA, CSPBGA | 256-BGA, CSPBGA | 256-BGA, CSPBGA |
| Ratio - S/H:ADC | 1:1 | 1:1 | 1:1 | 1:1 |
| Data Interface | Parallel | Parallel | Parallel, Serial | Parallel |
| Sampling Rate (Per Second) | 92.16M | 92.16M | 92.16M | 92.16M |

## AD6654BBCZ Datasheet PDF

Download AD6654BBCZ pdf datasheets and Analog Devices Inc. documentation for AD6654BBCZ - Analog Devices Inc..

### Datasheets

AD6654.pdf
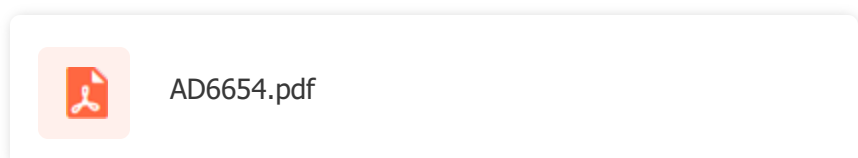
## Customers Also Interested in

### Recommended Products

| AD6650ABC-REEL | AD6655BCPZ-150 | AD6654XBCZ | AD6650BBC | AD6653BCPZ-105 | AD6655ABCPZ-150 |
|---|---|---|---|---|---|
| Analog Devices Inc. | Analog Devices Inc. | ADI (Analog Devices, Inc.) | Analog Devices Inc. | ADI (Analog Devices, Inc.) | Analog Devices Inc. |
| IC DAC | IC IF RCVR 14BIT 150MSPS 64LFCSP | | IC RECEIVER GSM/EDGE 121-BGA | | IC IF RCVR 14BIT 150MSPS 64LFCSP |

| AD664TE/883B | AD6654BBC | AD6650ABCZ | AD6655ABCPZ-80 | AD6650ABC | AD6654CBC |
|---|---|---|---|---|---|
| Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| IC DAC 12BIT QUAD MONO 44CLCC | IC ADC 14BIT PIPELINED 256CSPBGA | IC DAC | IC IF RCVR 14BIT 80MSPS 64LFCSP | IC RECEIVER GSM/EDGE 121CSBGA | IC ADC 14BIT W/4CH RSP 256CSPBGA |

| AD6650ABCZ-REEL | AD6655BCPZ-105 | AD6650XBC | AD6655ABCPZ-125 | AD6654CBCZ | AD6655BCPZ-125 |
|---|---|---|---|---|---|
| Analog Devices Inc. | Analog Devices Inc. | ADI (Analog Devices, Inc.) | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| IC DAC | IC IF RCVR 14BIT 105MSPS 64LFCSP | | IC IF RCVR 14BIT 125MSPS 64LFCSP | IC ADC 14BIT PIPELINED 256CSPBGA | IC IF RCVR 14BIT 125MSPS 64LFCSP |

## 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 |

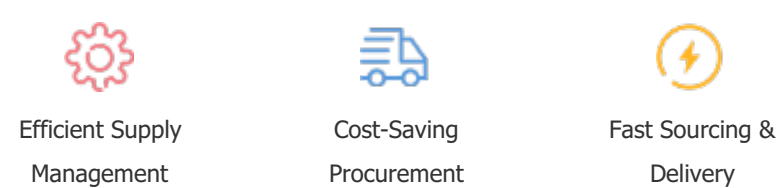| DHL & FedEx Shipment Charges Reference | |
|---|---|
| Shipment charges(KG) | Reference DHL(USD$) |
| 0.00kg-1.00kg | USD$60.00 |
| 1.00kg-2.00kg | USD$70.00 |
| 2.00kg-3.00kg | USD$80.00 |

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

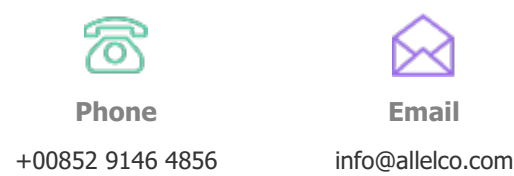Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.

EAST WEST BANK    MasterCard    VISA    WESTERN UNION    PayPal

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## Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016    ISO CERTIFIED 9001:2015 COMPANY    ISO CERTIFIED 14001:2015 COMPANY

ISO 28000:2007    IPC Member    SMTA Surface Mount Technology Association

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