



# AD7568BPZ

|                          |                             |
|--------------------------|-----------------------------|
| Manufacturer Part Number | <b>AD7568BPZ</b>            |
| Manufacturer             | <b>Analog Devices, Inc.</b> |
| Allelco Part Number      | 32D-AD7568BPZ               |
| ECAD Model               | Request Free CAD Models     |
| Parts Description        | IC DAC 12BIT A-OUT 44PLCC   |
| Package                  | 44-LCC (J-Lead)             |
| Data sheet               | <b>AD7568.pdf</b>           |
| RoHS Status              | ROHS3 Compliant             |



**Get a Quote**

AD7568BPZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7568BPZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7568BPZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

AD7568BPZ Tech Specifications

AD7568BPZ - 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 | 5V                    | Number of D/A Converters | 8                      |
| Voltage - Supply, Analog  | 5V                    | Number of Bits           | 12                     |
| Supplier Device Package   | 44-PLCC (16.59x16.59) | Mounting Type            | Surface Mount          |
| Settling Time             | 550ns (Typ)           | INL/DNL (LSB)            | ±0.5 (Max), ±0.9 (Max) |
| Series                    | -                     | Differential Output      | Yes                    |
| Reference Type            | External              | Data Interface           | SPI                    |
| Package / Case            | 44-LCC (J-Lead)       | Base Product Number      | AD7568                 |
| Package                   | Tube                  | Architecture             | R-2R                   |
| Output Type               | Current - Unbuffered  |                          |                        |

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7568BPZ

| Product Attribute         |                        |                        |                        |                                |
|---------------------------|------------------------|------------------------|------------------------|--------------------------------|
| Part Number               | AD7568BPZ              | AD7568BSZ              | AD7568BP               | AD7564ARSZ-B                   |
| Manufacturer              | Analog Devices Inc.    | Analog Devices Inc.    | Analog Devices Inc.    | Analog Devices Inc.            |
| INL/DNL (LSB)             | ±0.5 (Max), ±0.9 (Max) | ±0.5 (Max), ±0.9 (Max) | ±0.5 (Max), ±0.9 (Max) | ±1 (Max), ±0.9 (Max)           |
| Voltage - Supply, Digital | 5V                     | 5V                     | 5V                     | 3V ~ 5.5V                      |
| Mounting Type             | Surface Mount          | Surface Mount          | Surface Mount          | Surface Mount                  |
| Architecture              | R-2R                   | R-2R                   | R-2R                   | R-2R                           |
| Base Product Number       | AD7568                 | AD7568                 | AD7568                 | AD7564                         |
| Settling Time             | 550ns (Typ)            | 550ns (Typ)            | 500ns (Typ)            | 3.5µs (Typ)                    |
| Voltage - Supply, Analog  | 5V                     | 5V                     | 5V                     | 3V ~ 5.5V                      |
| Output Type               | Current - Unbuffered   | Current - Unbuffered   | Current - Unbuffered   | Current - Unbuffered           |
| Data Interface            | SPI                    | SPI                    | SPI                    | SPI                            |
| Package                   | Tube                   | Tray                   | Tube                   | Tube                           |
| Number of Bits            | 12                     | 12                     | 12                     | 12                             |
| Number of D/A Converters  | 8                      | 8                      | 8                      | 4                              |
| Operating Temperature     | -40°C ~ 85°C           | -40°C ~ 85°C           | -40°C ~ 85°C           | -40°C ~ 85°C                   |
| Differential Output       | Yes                    | Yes                    | Yes                    | Yes                            |
| Reference Type            | External               | External               | External               | External                       |
| Series                    | -                      | -                      | -                      | -                              |
| Package / Case            | 44-LCC (J-Lead)        | 44-QFP                 | 44-LCC (J-Lead)        | 28-SSOP (0.209", 5.30mm Width) |
| Supplier Device Package   | 44-PLCC (16.59x16.59)  | 44-MQFP (10x10)        | 44-PLCC (16.59x16.59)  | 28-SSOP                        |

## AD7568BPZ Datasheet PDF

Download AD7568BPZ pdf datasheets and Analog Devices Inc. documentation for AD7568BPZ - Analog Devices Inc..

### Datasheets



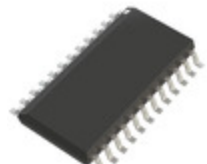
## Customers Also Interested in

### Recommended Products



**AD7568BSZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 44MQFP**AD7568BSZ-REEL**Analog Devices Inc.  
IC DAC 12BIT A-OUT 44MQFP**AD7568BS**

ADI (Analog Devices, Inc.)

**AD7564BN**Analog Devices Inc.  
IC DAC 12BIT A-OUT 28DIP**AD7568BP**Analog Devices Inc.  
IC DAC 12BIT A-OUT 44PLCC**AD7564BRSZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 28SSOP**AD7564ARSZ-B**Analog Devices Inc.  
IC DAC 12BIT A-OUT 28SSOP**AD7569JN**Analog Devices Inc.  
IC INTERFACE SPECIALIZED 24DIP**AD7569BRZ**Analog Devices Inc.  
IC INTERFACE SPECIALIZED 24SOIC**AD7564BRSZ-REEL**Analog Devices Inc.  
IC DAC 12BIT A-OUT 28SSOP**AD7569JP**Analog Devices Inc.  
IC INTERFACE SPECIALIZED 28PLCC**AD7569JR**Analog Devices Inc.  
IC I/O PORT 8BIT ANLG 24-SOIC**AD755JR**

ADI (Analog Devices, Inc.)

**AD7569AQ**Analog Devices Inc.  
IC INTERFACE SPECIALIZED 24CDIP**AD7564BRS-REEL**Analog Devices Inc.  
IC DAC 12BIT A-OUT 28SSOP**AD755P**

ADI (Analog Devices, Inc.)

**AD7569BQ**Analog Devices Inc.  
IC INTERFACE SPECIALIZED 24CDIP**AD7564BRS**Analog Devices Inc.  
IC DAC 12BIT A-OUT 28SSOP

## 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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## Certifications & Memberships



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