

Image may be representation.  
See specifications for product details.



## ADAU1772BCPZ-R7

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>ADAU1772BCPZ-R7</b>                 |
| Manufacturer             | <b>Analog Devices, Inc.</b>            |
| Allelco Part Number      | 32D-ADAU1772BCPZ-R7                    |
| ECAD Model               | PCB Symbol, Footprint & 3D Mode        |
| Parts Description        | IC CODEC LOW PWR 24BIT 40CSP           |
| Package                  | 40-WFQFN Exposed Pad, CSP              |
| Data sheet               | <b>Cylindrical Battery Holders.pdf</b> |
|                          | <b>Cylindrical Battery Holders.pdf</b> |
| RoHs Status              | ROHS3 Compliant                        |

**Get a Quote**

ADAU1772BCPZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADAU1772BCPZ-R7 datasheet/specifications on AllelcoElec.com.  
Request a quote for ADAU1772BCPZ-R7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADAU1772BCPZ-R7 Tech Specifications  
ADAU1772BCPZ-R7 - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute               | Attribute Value      | Product Attribute                   | Attribute Value           |
|---------------------------------|----------------------|-------------------------------------|---------------------------|
| Manufacturer                    | Analog Devices, Inc. | Package / Case                      | 40-WFQFN Exposed Pad, CSP |
| Voltage - Supply, Digital       | 1.1V ~ 1.8V          | Package                             | Tape & Reel (TR)          |
| Voltage - Supply, Analog        | 1.8V ~ 3.3V          | Operating Temperature               | -40°C ~ 85°C              |
| Type                            | General Purpose      | Number of ADCs / DACs               | 4 / 2                     |
| Supplier Device Package         | 40-LFCSP-WQ (6x6)    | Mounting Type                       | Surface Mount             |
| Sigma Delta                     | No                   | Dynamic Range, ADCs / DACs (db) Typ | 102 / 104                 |
| Series                          | -                    | Data Interface                      | I <sup>2</sup> C, SPI     |
| S/N Ratio, ADCs / DACs (db) Typ | 102 / 107            | Base Product Number                 | ADAU1772                  |
| Resolution (Bits)               | 24 b                 |                                     |                           |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADAU1772BCPZ-R7

| Product Attribute                   |                           |  |                           |                           |
|-------------------------------------|---------------------------|--|---------------------------|---------------------------|
| Part Number                         | ADAU1772BCPZ-R7           | ADAU1781BCPZ   | ADAU1761BCPZ-R7           | ADAU1761BCPZ              |
| Manufacturer                        | Analog Devices Inc.       | Analog Devices Inc.                                  | Analog Devices Inc.       | Analog Devices Inc.       |
| Voltage - Supply, Analog            | 1.8V ~ 3.3V               | 1.8V ~ 3.65V   | 1.8V ~ 3.65V              | 1.8V ~ 3.65V              |
| Supplier Device Package             | 40-LFCSP-WQ (6x6)         | 32-LFCSP-VQ (5x5)                                    | 32-LFCSP-VQ (5x5)         | 32-LFCSP-VQ (5x5)         |
| Resolution (Bits)                   | 24 b                      | 24 b   | 24 b                      | 24 b                      |
| Voltage - Supply, Digital           | 1.1V ~ 1.8V               | 1.63V ~ 3.65V  | 1.63V ~ 3.65V             | 1.63V ~ 3.65V             |
| Type                                | General Purpose           | Stereo Audio   | Audio                     | Audio                     |
| Package / Case                      | 40-WFQFN Exposed Pad, CSP | 32-VFQFN Exposed Pad, CSP                            | 32-VFQFN Exposed Pad, CSP | 32-VFQFN Exposed Pad, CSP |
| Data Interface                      | I <sup>2</sup> C, SPI     | I <sup>2</sup> C, Serial, SPI™                       | Serial                    | Serial                    |
| Base Product Number                 | ADAU1772                  | ADAU1781   | ADAU1761                  | ADAU1761                  |
| Sigma Delta                         | No                        | No   | Yes                       | Yes                       |
| S/N Ratio, ADCs / DACs (db) Typ     | 102 / 107                 | 100 / 105 (Differential), 100 / 103 (Single-Ended)   | -                         | -                         |
| Operating Temperature               | -40°C ~ 85°C              | -25°C ~ 85°C   | -40°C ~ 85°C              | -40°C ~ 85°C              |
| Series                              | -                         | SigmaDSP®  | SigmaDSP®                 | SigmaDSP®                 |
| Package                             | Tape & Reel (TR)          | Tray   | Tape & Reel (TR)          | Tray                      |
| Dynamic Range, ADCs / DACs (db) Typ | 102 / 104                 | 99.2 / 105 (Differential), 99.2 / 103 (Single-Ended) | -                         | -                         |
| Number of ADCs / DACs               | 4 / 2                     | 2 / 2  | 2 / 2                     | 2 / 2                     |
| Mounting Type                       | Surface Mount             | Surface Mount  | Surface Mount             | Surface Mount             |

### ADAU1772BCPZ-R7 Datasheet PDF

Download ADAU1772BCPZ-R7 pdf datasheets and Analog Devices Inc. documentation for ADAU1772BCPZ-R7 - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

#### PCN Assembly/Origin

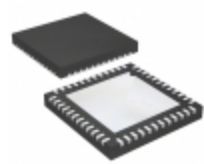
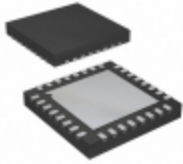
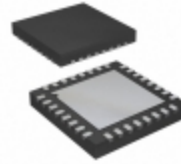
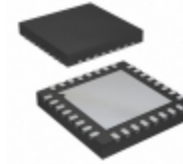



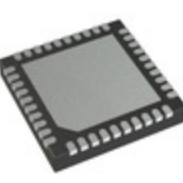






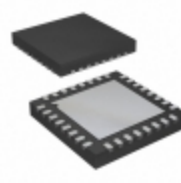


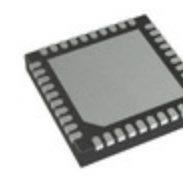
[2.73KHz.pdf](#)

#### HTML Datasheet

[Cylindrical Battery Holders.pdf](#)

## Customers Also Interested in

### Recommended Products

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|---|---|---|--|---|---|
|  |  |  |  |  |  |
| <b>ADAU1592ACPZ</b><br>Analog Devices Inc.<br>IC AMP CLASS D STER 24W 48LFCSP     | <b>ADAU1781BCPZ</b><br>Analog Devices Inc.<br>IC SIGMADSP CODEC LN 32LFCSP        | <b>ADAU1761BCPZ-R7</b><br>Analog Devices Inc.<br>IC SIGMADSP CODEC PLL 32LFCSP    | <b>ADAU1761BCPZ</b><br>Analog Devices Inc.<br>IC SIGMADSP CODEC PLL 32LFCSP        | <b>ADAU1787XCBZRL</b><br>ADI (Analog Devices, Inc.)                                 | <b>ADAU1777BCBZRL</b><br>Analog Devices Inc.<br>LOW LATENCY NOISE AND POWER CODE    |
|  |  |  |  |  |  |
| <b>ADAU1787BCBZRL</b><br>Analog Devices Inc.<br>4 ADC, 2 DAC LOW POWER CODEC, AU  | <b>ADAU1772BCPZ</b><br>Analog Devices Inc.<br>IC CODEC LOW PWR 24BIT 40LFCSP      | <b>ADAU1701JSTZ-R</b><br>ADI (Analog Devices, Inc.)                               | <b>ADAU1592ASVZ</b><br>ADI (Analog Devices, Inc.)                                  | <b>ADAU1788BCBZRL</b><br>Analog Devices Inc.<br>2 ADC, 1 DAC LOW POWER CODEC, AU    | <b>ADAU1702JSTZ-RL</b><br>Analog Devices Inc.<br>IC AUDIO PROC 2ADC/4DAC 48-LQFP    |
|  |  |  |  |  |  |
| <b>ADAU1701JSTZ-RL</b><br>Analog Devices Inc.<br>IC AUDIO PROC 2ADC/4DAC 48-LQFP  | <b>ADAU1702JSTZ</b><br>Analog Devices Inc.<br>IC AUDIO PROC 2ADC/4DAC 48-LQFP     | <b>ADAU1781BCPZ-RL7</b><br>Analog Devices Inc.<br>IC SIGMADSP CODEC LN 32LFCSP    | <b>ADAU1701JSTZ</b><br>Analog Devices Inc.<br>IC AUDIO PROC 2ADC/4DAC 48-LQFP      | <b>ADAU1787BCBZ</b><br>ADI (Analog Devices, Inc.)                                   | <b>ADAU1772BCPZ-RL</b><br>Analog Devices Inc.<br>IC CODEC LOW PWR 24BIT 40LFCSP     |

## 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           |

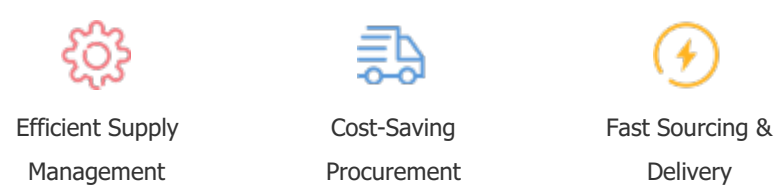
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

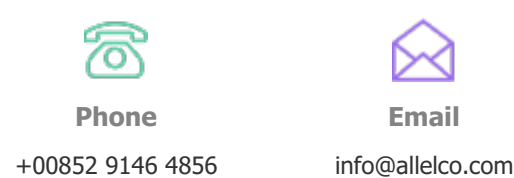
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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