



Image may be representation.  
See specifications for product details.



## AD7701AN

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>AD7701AN</b>                        |
| Manufacturer             | <b>Analog Devices, Inc.</b>            |
| Allelco Part Number      | 32D-AD7701AN                           |
| ECAD Model               | Request Free CAD Models                |
| Parts Description        | IC ADC 16BIT SIGMA-DELTA 20DIP         |
| Package                  | 20-DIP (0.300', 7.62mm)                |
| Data sheet               | <b>Cylindrical Battery Holders.pdf</b> |

**Get a Quote**

AD7701AN - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7701AN datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7701AN, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

AD7701AN Tech Specifications

AD7701AN - 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  | 5V                      | Number of Bits           | 16              |
| Voltage - Supply, Analog   | 5V                      | Number of A/D Converters | 1               |
| Supplier Device Package    | 20-PDIP                 | Mounting Type            | Through Hole    |
| Series                     | -                       | Input Type               | Single Ended    |
| Sampling Rate (Per Second) | 4k                      | Features                 | -               |
| Reference Type             | External                | Data Interface           | SPI             |
| Ratio - S/H:ADC            | 1:1                     | Configuration            | S/H-ADC         |
| Package / Case             | 20-DIP (0.300', 7.62mm) | Base Product Number      | AD7701          |
| Package                    | Tube                    | Architecture             | Sigma-Delta     |
| Operating Temperature      | -40°C ~ 85°C            |                          |                 |

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7701AN

| Product Attribute          |                         |                                |                                |                                 |
|----------------------------|-------------------------|--------------------------------|--------------------------------|---------------------------------|
| Part Number                | AD7701AN                | <a href="#">AD7701ARS</a>      | <a href="#">AD7701ARSZ</a>     | <a href="#">AD7701ARSZ-REEL</a> |
| Manufacturer               | Analog Devices Inc.     | Analog Devices Inc.            | Analog Devices Inc.            | Analog Devices Inc.             |
| Reference Type             | External                | External                       | External                       | External                        |
| Mounting Type              | Through Hole            | Surface Mount                  | Surface Mount                  | Surface Mount                   |
| Package                    | Tube                    | Tube                           | Tube                           | Tape & Reel (TR)                |
| Ratio - S/H:ADC            | 1:1                     | 1:1                            | 1:1                            | 1:1                             |
| Number of A/D Converters   | 1                       | 1                              | 1                              | 1                               |
| Number of Bits             | 16                      | 16                             | 16                             | 16                              |
| Architecture               | Sigma-Delta             | Sigma-Delta                    | Sigma-Delta                    | Sigma-Delta                     |
| Number of Inputs           | 1                       | 1                              | 1                              | 1                               |
| Input Type                 | Single Ended            | Single Ended                   | Single Ended                   | Single Ended                    |
| Voltage - Supply, Analog   | 5V                      | 5V                             | 5V                             | 5V                              |
| Operating Temperature      | -40°C ~ 85°C            | -40°C ~ 85°C                   | -40°C ~ 85°C                   | -40°C ~ 85°C                    |
| Voltage - Supply, Digital  | 5V                      | 5V                             | 5V                             | 5V                              |
| Sampling Rate (Per Second) | 4k                      | 4k                             | 4k                             | 4k                              |
| Data Interface             | SPI                     | SPI                            | SPI                            | SPI                             |
| Series                     | -                       | -                              | -                              | -                               |
| Features                   | -                       | -                              | -                              | -                               |
| Supplier Device Package    | 20-PDIP                 | 28-SSOP                        | 28-SSOP                        | 28-SSOP                         |
| Configuration              | S/H-ADC                 | S/H-ADC                        | S/H-ADC                        | S/H-ADC                         |
| Package / Case             | 20-DIP (0.300', 7.62mm) | 28-SSOP (0.209', 5.30mm Width) | 28-SSOP (0.209', 5.30mm Width) | 28-SSOP (0.209", 5.30mm Width)  |
| Base Product Number        | AD7701                  | AD7701                         | AD7701                         | AD7701                          |

## AD7701AN Datasheet PDF

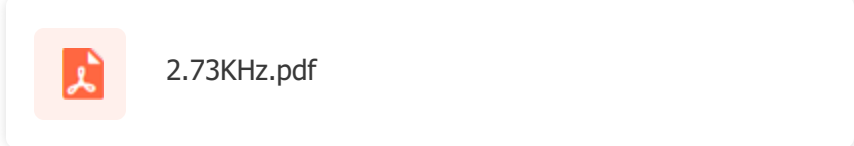
Download AD7701AN pdf datasheets and Analog Devices Inc. documentation for AD7701AN - Analog Devices Inc..

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)



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**Recommended Products**

|  |   |  |  |   |  |
|--|---|--|--|---|--|
|  |   |  |  |   |  |
| <b>AD7701ARS</b><br>Analog Devices Inc.<br>IC ADC 16BIT SIGMA-DELTA 28SSOP | <b>AD7701ARSZ</b><br>Analog Devices Inc.<br>IC ADC 16BIT SIGMA-DELTA 28SSOP | <b>AD7693BRMZ-REEL7</b><br>ADI (Analog Devices, Inc.)              | <b>AD7701ARSZ-REEL</b><br>Analog Devices Inc.<br>IC ADC 16BIT SIGMA-DELTA 28SSOP | <b>AD7701ANZ</b><br>Analog Devices Inc.<br>IC ADC 16BIT SIGMA-DELTA 20DIP | <b>AD7694BRMZ</b><br>Analog Devices Inc.<br>IC ADC 16BIT SAR 8MSOP         |
|  |   |  |  |   |  |
| <b>AD7693BRMZRL7</b><br>Analog Devices Inc.<br>IC ADC 16BIT SAR 10MSOP     | <b>AD7693BRMZ</b><br>Analog Devices Inc.<br>IC ADC 16BIT SAR 10MSOP         | <b>AD7694BRMZR</b><br>ADI (Analog Devices, Inc.)                   | <b>AD7699BCPZ</b><br>Analog Devices Inc.<br>IC ADC 16BIT SAR 20LFCSP             | <b>AD7699BCPZRL7</b><br>Analog Devices Inc.<br>IC ADC 16BIT SAR 20LFCSP   | <b>AD7701AR</b><br>Analog Devices Inc.<br>IC ADC 16BIT SIGMA-DELTA 20SOIC  |
|  |   |  |  |   |  |
| <b>AD7701ARZ</b><br>Analog Devices Inc.<br>IC ADC 16BIT SIGMA-DELTA 20SOIC | <b>AD7703AN</b><br>Analog Devices Inc.<br>IC ADC 20BIT SIGMA-DELTA 20DIP    | <b>AD7694ARMZ</b><br>Analog Devices Inc.<br>IC ADC 16BIT SAR 8MSOP | <b>AD7693BCPZRL</b><br>Analog Devices Inc.<br>IC ADC 16BIT SAR 10LFCSP           | <b>AD7694BRMZ-REEL7</b><br>ADI (Analog Devices, Inc.)                     | <b>AD7701BRZ</b><br>Analog Devices Inc.<br>IC ADC 16BIT SIGMA-DELTA 20SOIC |

**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<br>+00852 9146 4856 | Email<br>info@allelco.com |
|---------------------------|---------------------------|

**Certifications & Memberships**



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**Contact us**

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