



Image may be representation.  
See specifications for product details.



## AD5541JR

|                          |                               |
|--------------------------|-------------------------------|
| Manufacturer Part Number | <b>AD5541JR</b>               |
| Manufacturer             | <b>Analog Devices, Inc.</b>   |
| Allelco Part Number      | 32D-AD5541JR                  |
| ECAD Model               | Request Free CAD Models       |
| Parts Description        | IC DAC 16BIT V-OUT 8SOIC      |
| Package                  | 8-SOIC (0.154", 3.90mm Width) |
| Data sheet               | <b>AD5541,42.pdf</b>          |

**Get a Quote**

AD5541JR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5541JR datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5541JR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5541JR Tech Specifications  
AD5541JR - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute         | Attribute Value               | Product Attribute        | Attribute Value |
|---------------------------|-------------------------------|--------------------------|-----------------|
| Manufacturer              | Analog Devices, Inc.          | Operating Temperature    | 0°C ~ 70°C      |
| Voltage - Supply, Digital | 2.7V ~ 5.5V                   | Number of D/A Converters | 1               |
| Voltage - Supply, Analog  | 2.7V ~ 5.5V                   | Number of Bits           | 16              |
| Supplier Device Package   | 8-SOIC                        | Mounting Type            | Surface Mount   |
| Settling Time             | 1µs (Typ)                     | INL/DNL (LSB)            | ±0.5, ±0.5      |
| Series                    | -                             | Differential Output      | No              |
| Reference Type            | External                      | Data Interface           | SPI, DSP        |
| Package / Case            | 8-SOIC (0.154", 3.90mm Width) | Base Product Number      | AD5541          |
| Package                   | Tube                          | Architecture             | R-2R            |
| Output Type               | Voltage - Unbuffered          |                          |                 |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5541JR

| Product Attribute         |                               |                               |                               |                               |
|---------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Part Number               | AD5541JR                      | AD5541CRZ                     | AD5541JR-REEL7                | AD5541JRZ-REEL7               |
| Manufacturer              | Analog Devices Inc.           | Analog Devices Inc.           | Analog Devices Inc.           | Analog Devices Inc.           |
| Number of Bits            | 16                            | 16                            | 16                            | 16                            |
| Operating Temperature     | 0°C ~ 70°C                    | -40°C ~ 85°C                  | 0°C ~ 70°C                    | 0°C ~ 70°C                    |
| INL/DNL (LSB)             | ±0.5, ±0.5                    | ±0.5, ±0.5                    | ±0.5, ±0.5                    | ±0.5, ±0.5                    |
| Supplier Device Package   | 8-SOIC                        | 8-SOIC                        | 8-SOIC                        | 8-SOIC                        |
| Package / Case            | 8-SOIC (0.154", 3.90mm Width) | 8-SOIC (0.154", 3.90mm Width) | 8-SOIC (0.154", 3.90mm Width) | 8-SOIC (0.154", 3.90mm Width) |
| Differential Output       | No                            | No                            | No                            | No                            |
| Number of D/A Converters  | 1                             | 1                             | 1                             | 1                             |
| Architecture              | R-2R                          | R-2R                          | R-2R                          | R-2R                          |
| Data Interface            | SPI, DSP                      | SPI, DSP                      | SPI, DSP                      | SPI, DSP                      |
| Package                   | Tube                          | Tube                          | Tape & Reel (TR)              | Tape & Reel (TR)              |
| Mounting Type             | Surface Mount                 | Surface Mount                 | Surface Mount                 | Surface Mount                 |
| Reference Type            | External                      | External                      | External                      | External                      |
| Series                    | -                             | -                             | -                             | -                             |
| Output Type               | Voltage - Unbuffered          | Voltage - Unbuffered          | Voltage - Unbuffered          | Voltage - Unbuffered          |
| Base Product Number       | AD5541                        | AD5541                        | AD5541                        | AD5541                        |
| Voltage - Supply, Analog  | 2.7V ~ 5.5V                   | 2.7V ~ 5.5V                   | 2.7V ~ 5.5V                   | 2.7V ~ 5.5V                   |
| Settling Time             | 1µs (Typ)                     | 1µs (Typ)                     | 1µs (Typ)                     | 1µs (Typ)                     |
| Voltage - Supply, Digital | 2.7V ~ 5.5V                   | 2.7V ~ 5.5V                   | 2.7V ~ 5.5V                   | 2.7V ~ 5.5V                   |

### AD5541JR Datasheet PDF

Download AD5541JR pdf datasheets and Analog Devices Inc. documentation for AD5541JR - Analog Devices Inc..

#### Datasheets

AD5541,42.pdf

#### PCN Obsolescence/ EOL





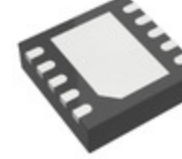







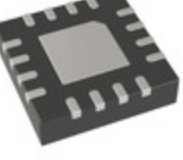





Mult Device EOL 13/Jul/2016.pdf

#### Design Resources

How to Achieve High Precision Voltage Level Settling.pdf

## Customers Also Interested in

### Recommended Products

|   |  |   |   |  |   |
|---|--|---|---|--|---|
| <br><b>AD5541CRZ</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC          | <br><b>AD5541JR-REEL7</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC  | <br><b>AD5541JRZ-REEL7</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC    | <br><b>AD5541CRZ-REEL7</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC | <br><b>AD5541ABCPZ-REEL7</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 10LFCSP | <br><b>AD5541ARZ</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC    |
| <br><b>AD5541LR</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC           | <br><b>AD5541LRZ-REEL7</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC | <br><b>AD5541ABRMZ-REEL7</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 10MSOP | <br><b>AD5541B</b><br>ADI (Analog Devices, Inc.)                              | <br><b>AD5541BRZ</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC           | <br><b>AD5541ABRMZ</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 10MSOP |
| <br><b>AD5542ACPZ-REEL7</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 16LFCSP | <br><b>AD5541LRZ</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC       | <br><b>AD5542</b><br>ADI (Analog Devices, Inc.)                                  | <br><b>AD5541JRZ</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC       | <br><b>AD5541ARZ-REEL7</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC     | <br><b>AD5541BR</b><br>Analog Devices Inc.<br>IC DAC 16BIT V-OUT 8SOIC     |

## 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           |

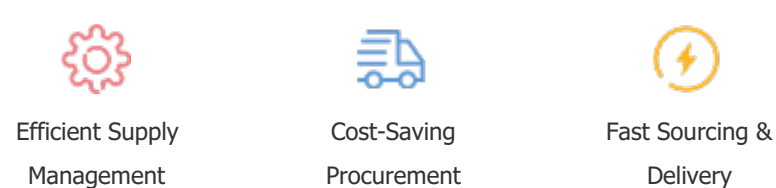
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

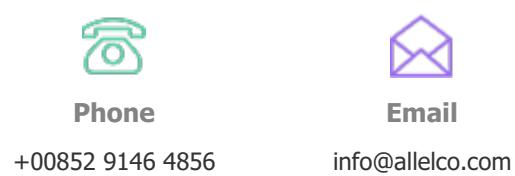
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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