




AD8542ARU

| | |
|--------------------------|---|
| Manufacturer Part Number | AD8542ARU |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-AD8542ARU |
| ECAD Model |  Request Free CAD Models |
| Parts Description | IC OPAMP GP R-R CMOS 1MHZ 8TSSOP |
| Package | 8-TSSOP (0.173", 4.40mm Width) |
| Data sheet | AD8541,42,44.pdf |



Get a Quote

AD8542ARU - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8542ARU datasheet/specifications on AllelcoElec.com.
Request a quote for AD8542ARU, please send us email: info@allelco.com

Specifications





AD8542ARU Tech Specifications

AD8542ARU - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-----------------------------|--------------------------------|----------------------------|--------------------|
| Manufacturer | Analog Devices, Inc. | Operating Temperature | -40°C ~ 125°C |
| Voltage - Supply Span (Min) | 2.7 V | Number of Circuits | 2 |
| Voltage - Supply Span (Max) | 5.5 V | Mounting Type | Surface Mount |
| Voltage - Input Offset | 1 mV | Gain Bandwidth Product | 1 MHz |
| Supplier Device Package | 8-TSSOP | Current - Supply | 45µA (x2 Channels) |
| Slew Rate | 0.92V/µs | Current - Output / Channel | 30 mA |
| Series | - | Current - Input Bias | 4 pA |
| Package / Case | 8-TSSOP (0.173", 4.40mm Width) | Base Product Number | AD8542 |
| Package | Tube | Amplifier Type | General Purpose |
| Output Type | Rail-to-Rail | | |

Parts with Similar Specifications


The three parts on the right have similar specifications to Analog Devices Inc. AD8542ARU

| Product Attribute |  |  |  |  |
|-----------------------------|---|---|---|---|
| Part Number | AD8542ARU | AD8542ARMZ-REEL | AD8542ARZ-REEL | AD8544ARU |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Number of Circuits | 2 | 2 | 2 | 4 |
| Package | Tube | Tape & Reel (TR) | Tape & Reel (TR) | Tube |
| Base Product Number | AD8542 | AD8542 | AD8542 | AD8544 |
| Series | - | - | - | - |
| Voltage - Supply Span (Min) | 2.7 V | 2.7 V | 2.7 V | 2.7 V |
| Supplier Device Package | 8-TSSOP | 8-MSOP | 8-SOIC | 14-TSSOP |
| Current - Supply | 45µA (x2 Channels) | 45µA (x2 Channels) | 45µA (x2 Channels) | 45µA (x4 Channels) |
| Voltage - Input Offset | 1 mV | 1 mV | 1 mV | 1 mV |
| Voltage - Supply Span (Max) | 5.5 V | 5.5 V | 5.5 V | 5.5 V |
| Current - Input Bias | 4 pA | 4 pA | 4 pA | 4 pA |
| Output Type | Rail-to-Rail | Rail-to-Rail | Rail-to-Rail | Rail-to-Rail |
| Package / Case | 8-TSSOP (0.173", 4.40mm Width) | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | 8-SOIC (0.154", 3.90mm Width) | 14-TSSOP (0.173", 4.40mm Width) |
| Amplifier Type | General Purpose | General Purpose | General Purpose | General Purpose |
| Current - Output / Channel | 30 mA | 30 mA | 30 mA | 30 mA |
| Gain Bandwidth Product | 1 MHz | 1 MHz | 1 MHz | 1 MHz |
| Slew Rate | 0.92V/µs | 0.92V/µs | 0.92V/µs | 0.92V/µs |
| Operating Temperature | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C |

AD8542ARU Datasheet PDF

Download AD8542ARU pdf datasheets and Analog Devices Inc. documentation for AD8542ARU - Analog Devices Inc..

Datasheets



AD8541,42,44.pdf

Customers Also Interested in

Recommended Products



AD8542ARMZ-REEL



AD8544



AD8542ARZ-REEL



AD8544ARU



AD8541ARZ-REEL7



AD8542ARMZ

Analog Devices Inc.
IC OPAMP GP 2 CIRCUIT 8MSOP

Analog Devices / Maxim
Integrated

Analog Devices Inc.
IC OPAMP GP 2 CIRCUIT 8SOIC

Analog Devices Inc.
IC OPAMP GP R-R CMOS 14TSSOP

Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT 8SOIC

Analog Devices Inc.
IC OPAMP GP 2 CIRCUIT 8MSOP



AD8542ARUZ

Analog Devices Inc.
IC OPAMP GP 2 CIRCUIT 8TSSOP

AD8542AR-REEL

Analog Devices Inc.
IC OPAMP GP R-R CMOS 1MHZ
8SOIC

AD8544AR

Analog Devices Inc.
IC OPAMP GP R-R CMOS 1MHZ
14SOIC

AD8541ARZ-REEL

Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT 8SOIC

AD8542ARUZ-REEL

Analog Devices Inc.
IC OPAMP GP 2 CIRCUIT 8TSSOP

AD8542ARM-REEL(AVA)

ADI (Analog Devices, Inc.)



AD8542ARZ

Analog Devices Inc.
IC OPAMP GP 2 CIRCUIT 8SOIC

AD8542ARMZ-REEL7

ADI (Analog Devices, Inc.)

AD8543ARMZ

ADI (Analog Devices, Inc.)

AD8542ARM-REEL

Analog Devices Inc.
IC OPAMP GP 2 CIRCUIT 8MSOP

AD8542ARZ-REEL7

Analog Devices Inc.
IC OPAMP GP 2 CIRCUIT 8SOIC

AD8542AR

Analog Devices Inc.
IC OPAMP GP R-R CMOS 1MHZ
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 -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



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