



Image may be representation.  
See specifications for product details.



## AD8542AR

Manufacturer Part Number	<b>AD8542AR</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD8542AR
ECAD Model	Request Free CAD Models
Parts Description	IC OPAMP GP R-R CMOS 1MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>AD8541,42,44.pdf</b>

**Get a Quote**

AD8542AR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8542AR datasheet/specifications on AllelcoElec.com.  
Request a quote for AD8542AR, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

AD8542AR Tech Specifications

AD8542AR - 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-SOIC	Current - Supply	45µA (x2 Channels)
Slew Rate	0.92V/µs	Current - Output / Channel	30 mA
Series	-	Current - Input Bias	4 pA
Package / Case	8-SOIC (0.154", 3.90mm 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. AD8542AR

Product Attribute				
Part Number	AD8542AR	AD8541ARTZ-REEL7	AD8541ARZ-REEL	AD8542ARM-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Input Bias	4 pA	4 pA	4 pA	4 pA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.7 V	2.7 V
Supplier Device Package	8-SOIC	SOT-23-5	8-SOIC	8-MSOP
Number of Circuits	2	1	1	2
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package / Case	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Current - Output / Channel	30 mA	30 mA	30 mA	30 mA
Base Product Number	AD8542	AD8541	AD8541	AD8542
Series	-	-	-	-
Current - Supply	45µA (x2 Channels)	45µA	45µA	45µA (x2 Channels)
Voltage - Input Offset	1 mV	1 mV	1 mV	1 mV
Gain Bandwidth Product	1 MHz	1 MHz	1 MHz	1 MHz
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Slew Rate	0.92V/µs	0.92V/µs	0.92V/µs	0.92V/µs
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail

## AD8542AR Datasheet PDF

Download AD8542AR pdf datasheets and Analog Devices Inc. documentation for AD8542AR - Analog Devices Inc..

### Datasheets

[AD8541,42,44.pdf](#)

### PCN Obsolescence/ EOL

[Multiple Device Family 05/Oct/2010.pdf](#)

## Customers Also Interested in

### Recommended Products



**AD8541ARTZ-REEL7**  
Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT SOT23-5



**AD8541ARZ-REEL**  
Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8SOIC



**AD8542ARM-REEL**  
Analog Devices Inc.  
IC OPAMP GP 2 CIRCUIT 8MSOP



**AD8542ARMZ**  
Analog Devices Inc.  
IC OPAMP GP 2 CIRCUIT 8MSOP



**AD8541ARTZ-R2**  
Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT SOT23-5



**AD8542ARMZ-REEL**  
Analog Devices Inc.  
IC OPAMP GP 2 CIRCUIT 8MSOP



**AD8542AR-REEL**  
Analog Devices Inc.  
IC OPAMP GP R-R CMOS 1MHZ 8SOIC



**AD8542ARUZ-REEL**  
Analog Devices Inc.  
IC OPAMP GP 2 CIRCUIT 8TSSOP



**AD8541ARTZ-REEL7**  
ADI (Analog Devices, Inc.)



**AD8541ARZ**  
Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8SOIC



**AD8542ARZ**  
Analog Devices Inc.  
IC OPAMP GP 2 CIRCUIT 8SOIC



**AD8541ARZ-REEL7**  
Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8SOIC



**AD8541ARTZ-RL7**  
ADI (Analog Devices, Inc.)



**AD8542ARUZ**  
Analog Devices Inc.  
IC OPAMP GP 2 CIRCUIT 8TSSOP



**AD8542ARU**  
Analog Devices Inc.  
IC OPAMP GP R-R CMOS 1MHZ 8TSSOP



**AD8542ARMZ-REEL7**  
ADI (Analog Devices, Inc.)



**AD8542ARM-REEL(AVA)**  
ADI (Analog Devices, Inc.)



**AD8541ARTZ-REEL**  
Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT SOT23-5

## 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

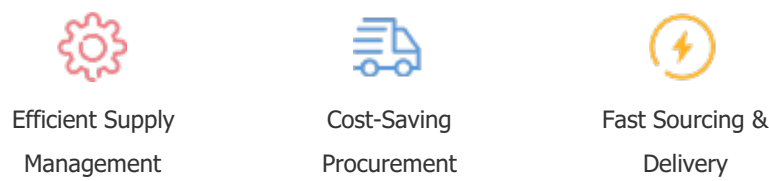
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

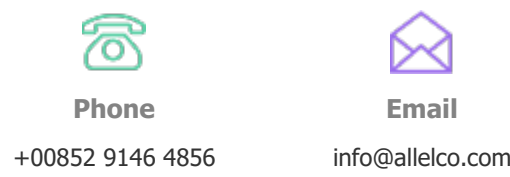
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@allelco.com