



Image may be representation.  
See specifications for product details.



## AD8538ARZ

Manufacturer Part Number	<b>AD8538ARZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD8538ARZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP ZERO-DRIFT 1 CIRC 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	AD8538ARZ.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD8538ARZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8538ARZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD8538ARZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD8538ARZ Tech Specifications  
AD8538ARZ - 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	1
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	5 µV	Gain Bandwidth Product	430 kHz
Supplier Device Package	8-SOIC	Current - Supply	150µA
Slew Rate	0.4V/µs	Current - Output / Channel	25 mA
Series	-	Current - Input Bias	15 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	AD8538
Package	Tube	Amplifier Type	Zero-Drift
Output Type	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD8538ARZ

Product Attribute				
Part Number	AD8538ARZ	AD8534ARU-REEL	AD8539ARMZ	AD8538AUJZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Gain Bandwidth Product	430 kHz	3 MHz	430 kHz	430 kHz
Current - Input Bias	15 pA	5 pA	15 pA	15 pA
Series	-	-	-	-
Number of Circuits	1	4	2	1
Package / Case	8-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SOT-23-5 Thin, TSOT-23-5
Voltage - Supply Span (Max)	5.5 V	6 V	5.5 V	5.5 V
Output Type	-	Rail-to-Rail	-	-
Amplifier Type	Zero-Drift	General Purpose	Zero-Drift	Zero-Drift
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 125°C
Voltage - Input Offset	5 µV	25 mV	5 µV	5 µV
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.7 V	2.7 V
Base Product Number	AD8538	AD8534	AD8539	AD8538
Current - Supply	150µA	750µA (x4 Channels)	170µA (x2 Channels)	150µA
Supplier Device Package	8-SOIC	14-TSSOP	8-MSOP	TSOT-23-5
Package	Tube	Bulk	Tube	Tape & Reel (TR)
Current - Output / Channel	25 mA	250 mA	25 mA	25 mA
Slew Rate	0.4V/µs	5V/µs	0.4V/µs	0.4V/µs

### Customers Also Interested in

#### Recommended Products



**AD8534ARU-REEL**  
Analog Devices Inc.  
IC OPAMP GP R-R CMOS 14TSSOP

**AD8538AUJZ**  
ADI (Analog Devices, Inc.)

**AD8539ARMZ**  
Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP

**AD8538AUJZ-REEL**  
Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 1 CIRC TSOT5

**AD8534ARU**  
Analog Devices Inc.  
IC OPAMP GP R-R CMOS 14TSSOP

**AD8538ARZ-REEL7**  
Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 1 CIRC 8SOIC



**AD8534ARZ**Analog Devices Inc.  
IC OPAMP GP 4 CIRCUIT 14SOIC**AD8538AUJZ-R2**Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 1 CIRC  
TSOT5**AD8538AUJZ-REEL7**Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 1 CIRC  
TSOT5**AD8534ARUZ-REEL**Analog Devices Inc.  
IC OPAMP GP 4 CIRCUIT 14TSSOP**AD8538WAUJZ-R7**Analog Devices Inc.  
IC OPAMP ZER-DRIFT 1CIR TSOT23-  
5**AD8534ARZ-REEL7**

ADI (Analog Devices, Inc.)

**AD8534ARUZ**Analog Devices Inc.  
IC OPAMP GP 4 CIRCUIT 14TSSOP**AD8539ARZ**Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 2 CIRC  
8SOIC**AD8538A**

ADI (Analog Devices, Inc.)

**AD8534S**

ADI (Analog Devices, Inc.)

**AD8539ARMZ-REEL**Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 2 CIRC  
8MSOP**AD8534ARZ-REEL**Analog Devices Inc.  
IC OPAMP GP 4 CIRCUIT 14SOIC**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.



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