

# AD8008ARMZ

ECAD Model

Parts Description

Manufacturer

Manufacturer Part Number

32D-AD8008ARMZ Allelco Part Number

PCB Symbol, Footprint & 3D Mode

8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Package

AD8008ARMZ

**Analog Devices, Inc.** 

IC OPAMP CFA 2 CIRCUIT 8MSOP

AD8007/08.pdf Data sheet

ROHS3 Compliant RoHs Status

**Get a Quote** 



Image may be representation.

See specifications for product details.

AD8008ARMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8008ARMZ datasheet/specifications on AllelcoElec.com. Request a quote for AD8008ARMZ, please send us email: info@allelco.com

## Specifications

AD8008ARMZ Tech Specifications

AD8008ARMZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Min)	5 V	Number of Circuits	2
Voltage - Supply Span (Max)	12 V	Mounting Type	Surface Mount
Voltage - Input Offset	500 μV	Current - Supply	9mA (x2 Channels)
Supplier Device Package	8-MSOP	Current - Output / Channel	130 mA
Slew Rate	1000V/µs	Current - Input Bias	4 μΑ
Series	-	Base Product Number	AD8008
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	Current Feedback
Package	Tube	-3db Bandwidth	500 MHz
Output Type	-		

## **Parts with Similar Specifications**

The three parts on the right have similar specifications to Analog Devices Inc. AD8008ARMZ

Product Attenute   A00000010Z   A00000010Z   A0000000Z AEEL   A0000000Z   A0000000Z     Manufacturer   A000000010Z   Andrea Decree Inc.   Andre					
Manufacturer   Analog Devices Inc.   Analog Device Inc.	Product Attribute		Tr.	A Control of the Cont	A. C.
Current - Supply   SnA (v2 Clamels)   SerV (v2 Clamels)	Part Number	AD8008ARMZ	AD8008ARZ-REEL	AD8009AR	AD8008AR
Number of Circuits   2   1   2     Operating Temperature   44%*C ~ 85**C   500 Met   500 Met   500 Met   408008   408008   408009   408000   408009   408009   408000	Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature   -40°C ~ 85°C   -40	Current - Supply	9mA (x2 Channels)	9mA (x2 Channels)	16mA	9mA (x2 Channels)
Mounting Type   Surface Mount   Surface Mount   Surface Mount   Surface Mount   Surface Mount     -3db Bandwidth   500 Mtz   500 Mtz   500 Mtz   1 Gtz   500 Mtz     Base Product Number   AE8008   AB8008   AB8009   AB8008     Package   Tube   Tube   Tube   Tube     Slew Rate   1000V/jis   500 V/jis   500 V/jis   1000V/jis     Voltage - Supply Span (Min)   5 V   5 V   5 V   5 V     Voltage - Supply Span (Max)   12 V   12 V   12 V   12 V   12 V     Supplier Device Package   8-MSDP   8-SDIC   8-SDIC   8-SDIC   8-SDIC     Series   -   -   -   -   -   -     Amplifier Type   Current Foodback   Current Foodback   Current Foodback   Current Foodback   4 μA     Output Type   -   -   -   -   -     Current - Output / Channel   130 mA   130 mA   130 mA   130 mA   130 mA	Number of Circuits	2	2	1	2
-3db Bandwidth   500 MHz   500 MHz   1 GHz   500 MHz     Base Product Number   AD8008   AD8009   AD8008     Package   Tube   Tube   Tube     Slew Rate   1000V/js   1000V/js   5500V/js   1000V/js     Voltage - Supply Span (Min)   5 V   5 V   5 V     Voltage - Supply Span (Max)   12 V   12 V   12 V     Supplier Device Package   8-MSOP   8-SOIC   8-SOIC   8-SOIC     Series   -   -   -   -     Amplifier Type   Current Feedback   Current Feedback   Current Feedback   Current Feedback   Current Feedback     Current - Output / Channel   130 mA   130 mA   175 mA   130 mA	Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ∼ 85°C
Base Product Number   AD8008   AD8008   AD8009   AD8008     Package   Tube   Tube   Tube     Slew Rate   1000V/µs   5500V/µs   1000V/µs     Voltage - Supply Span (Min)   5 V   5 V   5 V     Voltage - Input Offset   500 μV   2 mV   500 μV   500 μV     Voltage - Supply Span (Max)   12 V   12 V   12 V   12 V     Supplier Device Package   8-MSOP   8-SDIC   8-SDIC   8-SDIC   8-SDIC     Series   -   -   -   -   -     Ampliffer Type   Current Feedback   Current Feedback   Current Feedback   Current Feedback     Current Type   -   -   -   -     Current Feedback	Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package   Tube   Tube   Tube   Tube     Siew Rate   1000V/μs   1000V/μs   5500V/μs   1000V/μs     Voltage - Supply Span (Min)   5 V   5 V   5 V     Voltage - Input Offset   500 μV   500 μV   2 mV   500 μV     Voltage - Supply Span (Max)   12 V   12 V   12 V     Supplier Device Package   8-MSOP   8-SOIC   8-SOIC   8-SOIC     Series   -   -   -   -   -     Amplifier Type   Current Feedback   Current Feedback   Current Feedback   Current Feedback   -     Current Type   -   -   -   -   -     Current Feedback   -   -   -   - </td <td>-3db Bandwidth</td> <td>500 MHz</td> <td>500 MHz</td> <td>1 GHz</td> <td>500 MHz</td>	-3db Bandwidth	500 MHz	500 MHz	1 GHz	500 MHz
Siew Rate   1000V/μs   1000V/μs   5500V/μs   1000V/μs     Voltage - Supply Span (Min)   5 V   5 V   5 V     Voltage - Input Offset   500 μV   2 mV   500 μV     Voltage - Supply Span (Max)   12 V   12 V   12 V     Supplier Device Package   8-MSOP   8-SOIC   8-SOIC   8-SOIC     Series   -   -   -   -   -     Ampliffer Type   Current Feedback   Current Feedback   Current Feedback   Current Feedback     Current - Input Bias   4 μA   4 μA   50 μA   4 μA     Output Type   -   -   -   -     Current - Output / Channel   130 mA   130 mA   175 mA   130 mA	Base Product Number	AD8008	AD8008	AD8009	AD8008
Voltage - Supply Span (Min)   5 V   5 V   5 V     Voltage - Input Offset   500 μV   500 μV   2 mV   500 μV     Voltage - Supply Span (Max)   12 V   12 V   12 V   12 V     Supplier Device Package   8-MSOP   8-SOIC   8-SOIC   8-SOIC   8-SOIC     Series   -   -   -   -   -   -     Amplifier Type   Current Feedback   Current Feedback   Current Feedback   Current Feedback   Current Feedback     Current - Input Bias   4 μA   50 μA   4 μA   4 μA     Output Type   -   -   -   -     Current - Output / Channel   130 mA   130 mA   175 mA   130 mA	Package	Tube	Tape & Reel (TR)	Tube	Tube
Voltage - Input Offset   500 μV   500 μV   2 mV   500 μV     Voltage - Supply Span (Max)   12 V   12 V   12 V     Supplier Device Package   8-MSOP   8-SOIC   8-SOIC   8-SOIC     Series   -   -   -   -   -     Amplifier Type   Current Feedback   Current Feedback   Current Feedback   Current Feedback   Current Feedback   -     Current - Input Bias   4 μA   4 μA   50 μA   4 μA   -     Cutrent - Output / Channel   130 mA   130 mA   175 mA   130 mA   130 mA	Slew Rate	1000V/µs	1000V/µs	5500V/µs	1000V/µs
Voltage - Supply Span (Max)   12 V   <	Voltage - Supply Span (Min)	5 V	5 V	5 V	5 V
Supplier Device Package   8-MSOP   8-SOIC   8-SOIC   8-SOIC     Series   -   -   -   -     Amplifier Type   Current Feedback   Current Feedback   Current Feedback   Current Feedback   Current Feedback     Current - Input Bias   4 μA   4 μA   50 μA   4 μA     Output Type   -   -   -     Current - Output / Channel   130 mA   130 mA   175 mA   130 mA	Voltage - Input Offset	500 μV	500 μV	2 mV	500 μV
SeriesAmplifier TypeCurrent FeedbackCurrent FeedbackCurrent FeedbackCurrent FeedbackCurrent FeedbackCurrent - Input Bias4 μA4 μA50 μA4 μAOutput TypeCurrent - Output / Channel130 mA175 mA130 mA	Voltage - Supply Span (Max)	12 V	12 V	12 V	12 V
Amplifier Type Current Feedback Current Feedback Current Feedback Current Feedback Current Feedback   Current - Input Bias 4 μA 50 μA 4 μA   Output Type - - -   Current - Output / Channel 130 mA 130 mA 175 mA 130 mA	Supplier Device Package	8-MSOP	8-SOIC	8-SOIC	8-SOIC
Current - Input Bias   4 μA   4 μA   50 μA   4 μA     Output Type   -   -   -   -     Current - Output / Channel   130 mA   130 mA   175 mA   130 mA	Series	-	-	-	-
Output Type   - <th< td=""><td>Amplifier Type</td><td>Current Feedback</td><td>Current Feedback</td><td>Current Feedback</td><td>Current Feedback</td></th<>	Amplifier Type	Current Feedback	Current Feedback	Current Feedback	Current Feedback
Current - Output / Channel   130 mA   130 mA   175 mA   130 mA	Current - Input Bias	4 μΑ	4 μΑ	50 μA	4 μΑ
	Output Type	-	-	-	-
Package / Case   8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   8-SOIC (0.154", 3.90mm Width)   8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	130 mA	130 mA	175 mA	130 mA
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)

## AD8008ARMZ Datasheet PDF

Download AD8008ARMZ pdf datasheets and Analog Devices Inc. documentation for AD8008ARMZ - Analog Devices Inc..

## Datasheets



AD8007/08.pdf

## PCN Assembly/Origin



Assembly Site Addition 05/Jan/2015.pdf

## **Customers Also Interested in**













#### **AD8008ARZ-REEL**

Analog Devices Inc. IC OPAMP CFA 2 CIRCUIT 8SOIC



Analog Devices Inc. IC OPAMP CFA 1 CIRCUIT 8SOIC

#### **AD8008AR**

Analog Devices Inc. IC OPAMP CFA 2 CIRCUIT 8SOIC

#### AD80082

ADI (Analog Devices, Inc.)

#### AD8008ARZ

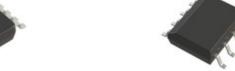
Analog Devices Inc. IC OPAMP CFA 2 CIRCUIT 8SOIC

#### AD8007AKSZ

ADI (Analog Devices, Inc.)













#### AD8008ARZ-REEL7

Analog Devices Inc.



### AD8008ARMZ-REEL7

Analog Devices Inc. IC OPAMP CFA 2 CIRCUIT 8MSOP



## **AD8007AR**

Analog Devices Inc.



**AD8007ARZ-R7** 

Analog Devices Inc.

IC OPAMP CFA 1 CIRCUIT 8SOIC

IC OPAMP CFA 2 CIRCUIT 8SOIC



#### AD8009ARZ

Analog Devices Inc. IC OPAMP CFA 1 CIRCUIT 8SOIC







AD80090BBCZ

ADI (Analog Devices, Inc.)







## AHEAD OF WHAT'S POSSIBLE™





ADI (Analog Devices, Inc.)

### AD8009AR-REEL

Analog Devices Inc. IC OPAMP CFA 1 CIRCUIT 8SOIC



IC OPAMP CFA 1 CIRCUIT 8SOIC



AD8007AKSZ-REEL7

Analog Devices Inc.

IC OPAMP CFA 1 CIRCUIT SC70-5

#### AD80080ABBCZRL

ADI (Analog Devices, Inc.)

AD80080A

ADI (Analog Devices, Inc.)



#### AD80087

## **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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
noiu	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**

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