



Image may be representation.  
See specifications for product details.



## AD8221ARMZ

Manufacturer Part Number	<b>AD8221ARMZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD8221ARMZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC INST AMP 1 CIRCUIT 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>AD8221.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD8221ARMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8221ARMZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD8221ARMZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD8221ARMZ Tech Specifications

AD8221ARMZ - 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)	4.6 V	Number of Circuits	1
Voltage - Supply Span (Max)	36 V	Mounting Type	Surface Mount
Voltage - Input Offset	60 µV	Current - Supply	900µA
Supplier Device Package	8-MSOP	Current - Output / Channel	18 mA
Slew Rate	2V/µs	Current - Input Bias	500 pA
Series	-	Base Product Number	AD8221
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	Instrumentation
Package	Tube	-3db Bandwidth	825 kHz
Output Type	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD8221ARMZ

Product Attribute				
Part Number	AD8221ARMZ	AD8221ARZ-R7	AD8220ARMZ-R7	AD8221ARMZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Slew Rate	2V/µs	2V/µs	2V/µs	2V/µs
Series	-	-	-	-
Amplifier Type	Instrumentation	Instrumentation	Instrumentation	Instrumentation
Current - Output / Channel	18 mA	18 mA	15 mA	18 mA
Voltage - Input Offset	60 µV	60 µV	250 µV	60 µV
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Supplier Device Package	8-MSOP	8-SOIC	8-MSOP	8-MSOP
Output Type	-	-	Rail-to-Rail	-
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Voltage - Supply Span (Min)	4.6 V	4.6 V	4.5 V	4.6 V
Current - Supply	900µA	900µA	750µA	900µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
-3db Bandwidth	825 kHz	825 kHz	1.5 MHz	825 kHz
Base Product Number	AD8221	AD8221	AD8220	AD8221
Number of Circuits	1	1	1	1
Voltage - Supply Span (Max)	36 V	36 V	36 V	36 V
Current - Input Bias	500 pA	500 pA	25 pA	500 pA

### AD8221ARMZ Datasheet PDF

Download AD8221ARMZ pdf datasheets and Analog Devices Inc. documentation for AD8221ARMZ - Analog Devices Inc..

#### Datasheets

[AD8221.pdf](#)

#### PCN Assembly/Origin

[Alternate Site 22/Mar/2021.pdf](#)

#### Other Related Documents

[Rarely Asked Questions—Issue 161.pdf](#)



Low Cost, High Voltage, Programmable Gain Instrume.pdf

## Customers Also Interested in

### Recommended Products



**AD8221ARZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD8220ARMZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8221ARMZ-RL**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8221AR**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD8220BRMZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8220BRMZ-RL**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8221BRZ-RL**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD8221ARM**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8221ARZ-RL**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD8220BRMZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8221ARMZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8221ARZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD8221BRZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



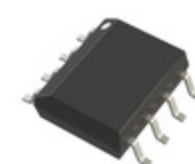
**AD8221BRZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD8220ARMZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8220WARMZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8221BR-REEL7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD8220WARMZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP

## 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  
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### Certifications & Memberships



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