



Image may be representation.  
See specifications for product details.



## AD8421ARZ

Manufacturer Part Number	<b>AD8421ARZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD8421ARZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC INST AMP 1 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	AD8421ARZ.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD8421ARZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8421ARZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD8421ARZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD8421ARZ Tech Specifications  
AD8421ARZ - 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	1
Voltage - Supply Span (Max)	36 V	Mounting Type	Surface Mount
Voltage - Input Offset	60 µV	Current - Supply	2mA
Supplier Device Package	8-SOIC	Current - Output / Channel	65 mA
Slew Rate	35V/µs	Current - Input Bias	1 nA
Series	-	Base Product Number	AD8421
Package / Case	8-SOIC (0.154", 3.90mm Width)	Amplifier Type	Instrumentation
Package	Tube	-3db Bandwidth	10 MHz
Output Type	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD8421ARZ

Product Attribute				
Part Number	AD8421ARZ	AD8422ACPZ-R7	AD8421BRMZ	AD8421ARZ-R7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Output / Channel	65 mA	20 mA	65 mA	65 mA
Voltage - Supply Span (Max)	36 V	36 V	36 V	36 V
Current - Supply	2mA	300µA	2mA	2mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-WDFN Exposed Pad, CSP	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Number of Circuits	1	1	1	1
Output Type	-	Rail-to-Rail	-	-
Amplifier Type	Instrumentation	Instrumentation	Instrumentation	Instrumentation
Operating Temperature	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C
Base Product Number	AD8421	-	AD8421	AD8421
Voltage - Input Offset	60 µV	70 µV	25 µV	60 µV
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
-3db Bandwidth	10 MHz	2.2 MHz	10 MHz	10 MHz
Voltage - Supply Span (Min)	5 V	4.6 V	5 V	5 V
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-SOIC	8-LFCSP (3x3)	8-MSOP	8-SOIC
Slew Rate	35V/µs	0.8V/µs	35V/µs	35V/µs
Current - Input Bias	1 nA	500 pA	100 pA	1 nA

### AD8421ARZ Datasheet PDF

Download AD8421ARZ pdf datasheets and Analog Devices Inc. documentation for AD8421ARZ - Analog Devices Inc..

#### PCN Assembly/Origin

Mult Dev 04/Apr/2023.pdf

### Customers Also Interested in

#### Recommended Products



**AD8422ACPZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8LFCSP



**AD8422ARMZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP

**AD8421BRMZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD841JNZ**  
Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 14DIP

**AD8421ARZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD841JQ**  
Analog Devices Inc.  
IC OPAMP GP 40MHZ 50MA 14CDIP

**AD841KN**  
Analog Devices Inc.  
IC OPAMP GP 40MHZ 50MA 14DIP



**AD8421BRZ-RL**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC

**AD8420ARMZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8421ARMZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP

**AD8420ARMZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD841SQ**  
Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 14CERDIP



**AD8422ARMZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8421BRZ**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD8421ACPZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8LFCSP



**AD8421TRMZ-EP**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8MSOP



**AD8421BRZ-R7**  
Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 8SOIC



**AD8421TRMZ-EP-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  
info@allelco.com

## Certifications & Memberships



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