



Image may be representation.  
See specifications for product details.



## ADA4528-1ARMZ-R7

Manufacturer Part Number **ADA4528-1ARMZ-R7**

Manufacturer **Analog Devices, Inc.**

Allelco Part Number **32D-ADA4528-1ARMZ-R7**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC OPAMP ZERO-DRIFT 1 CIRC 8MSOP**

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

Data sheet **[CN-0216 Circuit Note.pdf](#)**

**[Low Noise, Single-Supply, Toxic Gas Detector...CN-.pdf](#)**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

ADA4528-1ARMZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADA4528-1ARMZ-R7 datasheet/specifications on AllelcoElec.com.  
Request a quote for ADA4528-1ARMZ-R7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADA4528-1ARMZ-R7 Tech Specifications  
ADA4528-1ARMZ-R7 - 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)	2.2 V	Number of Circuits	1
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	0.3 µV	Gain Bandwidth Product	4 MHz
Supplier Device Package	8-MSOP	Current - Supply	1.5mA
Slew Rate	0.5V/µs	Current - Output / Channel	40 mA
Series	-	Current - Input Bias	90 pA
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	ADA4528
Package	Tape & Reel (TR)	Amplifier Type	Zero-Drift
Output Type	Rail-to-Rail		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADA4528-1ARMZ-R7

Product Attribute				
Part Number	ADA4528-1ARMZ-R7	ADA4523-1BRMZ	ADA4522-4ARUZ	ADA4528-1ACPZ-R7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	-	ADA4523	-	-
Base Product Number	ADA4528	ADA4523	ADA4522	ADA4528
Gain Bandwidth Product	4 MHz	5 MHz	2.7 MHz	4 MHz
Voltage - Supply Span (Max)	5.5 V	36 V	55 V	5.5 V
Slew Rate	0.5V/µs	1.8V/µs	1.7V/µs	0.5V/µs
Amplifier Type	Zero-Drift	Zero-Drift	Zero-Drift	Zero-Drift
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Supply	1.5mA	4.5mA	830µA (x4 Channels)	1.5mA
Voltage - Supply Span (Min)	2.2 V	4.5 V	4.5 V	2.2 V
Current - Output / Channel	40 mA	36 mA	32 mA	40 mA
Current - Input Bias	90 pA	125 pA	50 pA	90 pA
Voltage - Input Offset	0.3 µV	0.5 µV	1.5 µV	0.3 µV
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Circuits	1	1	4	1
Supplier Device Package	8-MSOP	8-MSOP	14-TSSOP	8-LFCSP-WD (3x3)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	14-TSSOP (0.173", 4.40mm Width)	8-WFDN Exposed Pad, CSP

### ADA4528-1ARMZ-R7 Datasheet PDF

Download ADA4528-1ARMZ-R7 pdf datasheets and Analog Devices Inc. documentation for ADA4528-1ARMZ-R7 - Analog Devices Inc..

#### Datasheets

[CN-0216 Circuit Note.pdf](#)

[Low Noise, Single-Supply, Toxic Gas Detector...CN-.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

#### Design Resources

[NDIR Thermopile-Based Gas Sensing Circuit CN-](#)

## Customers Also Interested in

### Recommended Products



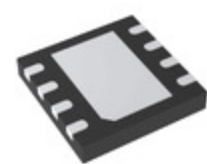
#### ADA4523-1BRMZ

Analog Devices Inc.  
IC OPAMP ZER-DRIFT 1CIRC 8MSOP



#### ADA4522-4ARUZ

Analog Devices Inc.  
IC OPAMP ZER-DRIFT 4CIRC 14TSSOP



#### ADA4528-1ACPZ-R7

Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 1CIRC 8LFCSP



#### ADA4522-4ARUZ-R7

Analog Devices Inc.  
IC OPAMP ZER-DRIFT 4CIRC 14TSSOP



#### ADA4528-1ACPZ-RL

Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 1CIRC 8LFCSP



#### ADA4523-1BRZ

Analog Devices Inc.  
IC OPAMP ZER-DRIFT 1CIRC 8SOIC



#### ADA4523-1BCPZ-RL7

Analog Devices Inc.  
IC OPAMP ZER-DRIFT 1CIRC 8LFCSP



#### ADA4530-1ARZ

Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8SOIC



#### ADA4522-4ARZ

Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 4CIRC 14SOIC



#### ADA4528-2ARMZ-R7

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



#### ADA4532GC3T0

ANTENNA



#### ADA4532GC4T2LF

PILKOR



#### ADA4532GC4T1LF

ASM



#### ADA4522-4ARZ-RL

Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 4CIRC 14SOIC



#### ADA4528-2ARMZ

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



#### ADA4528-2ACPZ-R7

Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 2CIRC 8LFCSP



#### ADA4530-1ARZ-R7

Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8SOIC



#### ADA4528-1ARMZ

Analog Devices Inc.  
IC OPAMP ZERO-DRIFT 1 CIRC 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.



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### Certifications & Memberships



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