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See specifications for product details.



AD8270ACPZ-R7

Manufacturer Part Number	AD8270ACPZ-R7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD8270ACPZ-R7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP DIFF 2 CIRCUIT 16LFCSP
Package	16-WQFN Exposed Pad, CSP
Data sheet	AD8270ACPZ-R7.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD8270ACPZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8270ACPZ-R7 datasheet/specifications on AllelcoElec.com.
Request a quote for AD8270ACPZ-R7, please send us email: info@allelco.com

Specifications

AD8270ACPZ-R7 Tech Specifications
AD8270ACPZ-R7 - 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)	36 V	Mounting Type	Surface Mount
Voltage - Input Offset	450 µV	Gain Bandwidth Product	20 MHz
Supplier Device Package	16-LFCSP (4x4)	Current - Supply	2.3mA (x2 Channels)
Slew Rate	30V/µs	Current - Output / Channel	100 mA
Series	-	Current - Input Bias	500 pA
Package / Case	16-WQFN Exposed Pad, CSP	Base Product Number	AD8270
Package	Tape & Reel (TR)	Amplifier Type	Differential
Output Type	Differential, Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD8270ACPZ-R7

Product Attribute				
Part Number	AD8270ACPZ-R7	AD826AR-REEL7	AD8275ARMZ-R7	AD8274ARZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	-	-	-	iPolar®
Current - Input Bias	500 pA	3.3 µA	-	-
Supplier Device Package	16-LFCSP (4x4)	8-SOIC	8-MSOP	8-SOIC
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Package / Case	16-WQFN Exposed Pad, CSP	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Amplifier Type	Differential	Voltage Feedback	Differential	Differential
Voltage - Supply Span (Max)	36 V	36 V	15 V	36 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output / Channel	100 mA	50 mA	30 mA	90 mA
Number of Circuits	2	2	1	1
Slew Rate	30V/µs	350V/µs	25V/µs	20V/µs
Current - Supply	2.3mA (x2 Channels)	6.6mA (x2 Channels)	1.9mA	2.3mA
Voltage - Input Offset	450 µV	500 µV	300 µV	300 µV
Output Type	Differential, Rail-to-Rail	-	Rail-to-Rail	-
Voltage - Supply Span (Min)	5 V	5 V	3.3 V	5 V
Base Product Number	AD8270	AD826	AD8275	AD8274
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Gain Bandwidth Product	20 MHz	50 MHz	-	20 MHz

AD8270ACPZ-R7 Datasheet PDF

Download AD8270ACPZ-R7 pdf datasheets and Analog Devices Inc. documentation for AD8270ACPZ-R7 - Analog Devices Inc..

Other Related Documents

[Tape and Reel Packaging.pdf](#)

PCN Assembly/Origin

[Assembly Site Transfer 03/Feb/2014.pdf](#)

Customers Also Interested in

Recommended Products

**AD826AR-REEL7**

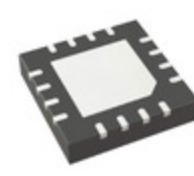
Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC
8SOIC

**AD8275ARMZ-R7**

Analog Devices Inc.
IC OPAMP DIFF 1 CIRCUIT 8MSOP

**AD8274ARZ**

Analog Devices Inc.
IC OPAMP DIFF 1 CIRCUIT 8SOIC

**AD8270ACPZ-WP**

Analog Devices Inc.
IC OPAMP DIFF 2 CIRCUIT 16LFCSP

**AD8275BRMZ**

Analog Devices Inc.
IC OPAMP DIFF 1 CIRCUIT 8MSOP

**AD8274ARMZ-R7**

Analog Devices Inc.
IC OPAMP DIFF 1 CIRCUIT 8MSOP

**AD8275ARMZ**

Analog Devices Inc.
IC OPAMP DIFF 1 CIRCUIT 8MSOP

**AD8273ARZ**

Analog Devices Inc.
IC AUDIO 2 CIRCUIT 14SOIC

**AD826ARZ**

Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC
8SOIC

**AD8275ARMZ-RL**

Analog Devices Inc.
IC OPAMP DIFF 1 CIRCUIT 8MSOP

**AD826AR-REEL**

Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC
8SOIC

**AD826ANZ**

Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC 8DIP

**AD826AR**

Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC
8SOIC

**AD8274ARZ-R7**

Analog Devices Inc.
IC OPAMP DIFF 1 CIRCUIT 8SOIC

**AD8271BRMZ-R7**

Analog Devices Inc.
IC OPAMP PGA 1 CIRCUIT 10MSOP

**AD826ARZ-REEL**

Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC
8SOIC

**AD826AN**

Analog Devices Inc.
IC OPAMP VF 50MHZ DUAL LP 8DIP

**AD826ARZ-REEL7**

Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC
8SOIC

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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+00852 9146 4856



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Certifications & Memberships



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