

Image may be representation.  
See specifications for product details.



## ADM7171ACPZ-R7

Manufacturer Part Number	<b>ADM7171ACPZ-R7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADM7171ACPZ-R7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LIN POS ADJ 1A 8LFCSP
Package	8-WFDFN Exposed Pad, CSP
Data sheet	<b>ADM7171.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADM7171ACPZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADM7171ACPZ-R7 datasheet/specifications on AllelcoElec.com. Request a quote for ADM7171ACPZ-R7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADM7171ACPZ-R7 Tech Specifications  
ADM7171ACPZ-R7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Output Type	Adjustable
Voltage Dropout (Max)	0.135V @ 1A	Output Configuration	Positive
Voltage - Output (Min/Fixed)	1.2V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	6.365V	Number of Regulators	1
Voltage - Input (Max)	6.5V	Mounting Type	Surface Mount
Supplier Device Package	8-LFCSP-WD (3x3)	Current - Supply (Max)	6.3 mA
Series	-	Current - Quiescent (Iq)	2 mA
Protection Features	Over Current, Over Temperature	Current - Output	1A
Package / Case	8-WFDFN Exposed Pad, CSP	Control Features	Enable, Soft Start
Package	Tape & Reel (TR)	Base Product Number	ADM7171
PSRR	60db ~ 20dB (100kHz ~ 1MHz)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADM7171ACPZ-R7

Product Attribute				
Part Number	ADM7171ACPZ-R7	<a href="#">ADM7172ACPZ-3.0-R7</a>	<a href="#">ADM7172ACPZ-3.3-R7</a>	<a href="#">ADM7172ACPZ-2.5-R7</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Number of Regulators	1	1	1	1
Voltage Dropout (Max)	0.135V @ 1A	.27V @ 2A	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
PSRR	60db ~ 20dB (100kHz ~ 1MHz)	60db ~ 20dB (100kHz ~ 1MHz)	-	-
Voltage - Output (Max)	6.365V	-	-	-
Voltage - Output (Min/Fixed)	1.2V	3V	3.3V	2.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	ADM7171	ADM7172	ADM7172	ADM7172
Output Type	Adjustable	Fixed	Fixed	Fixed
Package / Case	8-WFDFN Exposed Pad, CSP	8-WFDFN Exposed Pad, CSP	8-WFDFN Exposed Pad, CSP	8-WFDFN Exposed Pad, CSP
Series	-	-	-	-
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Control Features	Enable, Soft Start	Enable, Soft Start	Enable, Soft Start	Enable, Soft Start
Voltage - Input (Max)	6.5V	6.5V	6.5V	6.5V
Current - Output	1A	2A	2A	2A
Current - Supply (Max)	6.3 mA	8.7 mA	8.7 mA	8.7 mA
Current - Quiescent (Iq)	2 mA	2 mA	2 mA	2 mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	8-LFCSP-WD (3x3)	8-LFCSP-WD (3x3)	8-LFCSP-WD (3x3)	8-LFCSP-WD (3x3)
Output Configuration	Positive	Positive	Positive	Positive

### ADM7171ACPZ-R7 Datasheet PDF

Download ADM7171ACPZ-R7 pdf datasheets and Analog Devices Inc. documentation for ADM7171ACPZ-R7 - Analog Devices Inc..

#### Datasheets

[ADM7171.pdf](#)



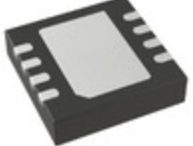


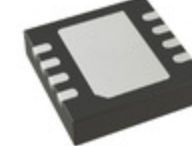




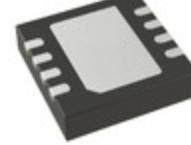



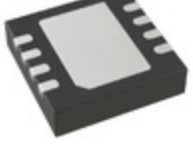



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## Customers Also Interested in

### Recommended Products

					
<b>ADM7172ACPZ-3.0-R7</b> Analog Devices Inc. IC REG LINEAR 3V 2A 8LFCSP	<b>ADM7172ACPZ</b> ADI (Analog Devices, Inc.)	<b>ADM7172ACPZ-3.3-R7</b> Analog Devices Inc. IC REG LINEAR 3.3V 2A 8LFCSP	<b>ADM7172ACPZ-2.5-R7</b> Analog Devices Inc. IC REG LINEAR 2.5V 2A 8LFCSP	<b>ADM7172ACPZ-4.2-R7</b> Analog Devices Inc. IC REG LINEAR 4.2V 2A 8LFCSP	<b>ADM7171ACPZ-2.5-R7</b> Analog Devices Inc. IC REG LINEAR 2.5V 1A 8LFCSP
					
<b>ADM7170ACPZ-R7</b> Analog Devices Inc. IC REG LIN POS ADJ 500MA 8LFCSP	<b>ADM7172ACPZ-5.0-R7</b> Analog Devices Inc. IC REG LINEAR 5V 2A 8LFCSP	<b>ADM7171ACPZ-3.0-R7</b> Analog Devices Inc. IC REG LINEAR 3V 1A 8LFCSP	<b>ADM7170ACPZ-5.0-R7</b> Analog Devices Inc. IC REG LINEAR 5V 500MA 8LFCSP	<b>ADM7171ACPZ-3.3-R7</b> Analog Devices Inc. IC REG LINEAR 3.3V 1A 8LFCSP	<b>ADM7171ACPZ</b> ADI (Analog Devices, Inc.)
					
<b>ADM7172ACPZ-1.3-R7</b> Analog Devices Inc. IC REG LINEAR 1.3V 2A 8LFCSP	<b>ADM7170ACPZ-RZ</b> ADI (Analog Devices, Inc.)	<b>ADM7171ACPZ-5.0-R7</b> Analog Devices Inc. IC REG LINEAR 5V 1A 8LFCSP	<b>ADM7172ACPZ-1.8-R7</b> Analog Devices Inc. IC REG LINEAR 1.8V 2A 8LFCSP	<b>ADM7171ACPZ-1.8-R7</b> Analog Devices Inc. IC REG LINEAR 1.8V 1A 8LFCSP	<b>ADM7172ACPZ-3.3</b> ADI (Analog Devices, Inc.)

## 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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