

Image may be representation.  
See specifications for product details.



## ADM7170ACPZ-2.5-R7

Manufacturer Part Number	<b>ADM7170ACPZ-2.5-R7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADM7170ACPZ-2.5-R7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 2.5V 500MA 8LFCSP
Package	8-WDFDN Exposed Pad, CSP
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ADM7170ACPZ-2.5-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADM7170ACPZ-2.5-R7 datasheet/specifications on AllelcoElec.com.  
Request a quote for ADM7170ACPZ-2.5-R7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADM7170ACPZ-2.5-R7 Tech Specifications  
ADM7170ACPZ-2.5-R7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Output Type	Fixed
Voltage Dropout (Max)	-	Output Configuration	Positive
Voltage - Output (Min/Fixed)	2.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	6.5V	Mounting Type	Surface Mount
Supplier Device Package	8-LFCSP-WD (3x3)	Current - Supply (Max)	5.1 mA
Series	-	Current - Quiescent (Iq)	2 mA
Protection Features	Over Current, Over Temperature	Current - Output	500mA
Package / Case	8-WDFDN Exposed Pad, CSP	Control Features	Enable, Soft Start
Package	Tape & Reel (TR)	Base Product Number	ADM7170
PSRR	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADM7170ACPZ-2.5-R7

Product Attribute				
Part Number	ADM7170ACPZ-2.5-R7	ADM7170ACPZ-3.0-R7	ADM7170ACPZ-5.0-R7	ADM7160AUJZ-1.8-R7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Control Features	Enable, Soft Start	Enable, Soft Start	Enable, Soft Start	Enable
Current - Output	500mA	500mA	500mA	200mA
Current - Quiescent (Iq)	2 mA	2 mA	2 mA	20 µA
Base Product Number	ADM7170	ADM7170	ADM7170	ADM7160
Series	-	-	-	-
Voltage Dropout (Max)	-	0.07V @ 500mA	-	0.23V @ 200mA
Supplier Device Package	8-LFCSP-WD (3x3)	8-LFCSP-WD (3x3)	8-LFCSP-WD (3x3)	TSOT-23-5
PSRR	-	60db ~ 20dB (100kHz ~ 1MHz)	-	54dB ~ 43dB (100kHz ~ 1MHz)
Voltage - Output (Min/Fixed)	2.5V	3V	5V	1.8V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C (TA)
Output Type	Fixed	Fixed	Fixed	Fixed
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	8-WDFDN Exposed Pad, CSP	8-WDFDN Exposed Pad, CSP	8-WDFDN Exposed Pad, CSP	SOT-23-5 Thin, TSOT-23-5
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input (Max)	6.5V	6.5V	6.5V	5.5V
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Voltage - Output (Max)	-	-	-	-
Number of Regulators	1	1	1	1
Current - Supply (Max)	5.1 mA	5.1 mA	5.1 mA	350 µA

### ADM7170ACPZ-2.5-R7 Datasheet PDF

Download ADM7170ACPZ-2.5-R7 pdf datasheets and Analog Devices Inc. documentation for ADM7170ACPZ-2.5-R7 - Analog Devices Inc..

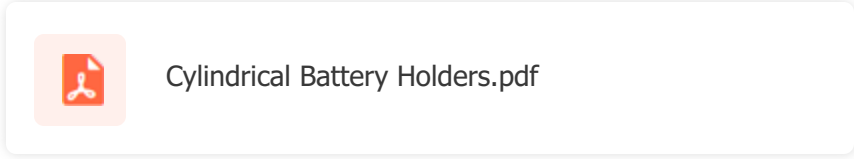
#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)

[Understanding the Fundamentals of Earthquake](#)



Customers Also Interested in

Recommended Products

<b>ADM7170ACPZ-3.0-R7</b> Analog Devices Inc. IC REG LINEAR 3V 500MA 8LFCSP	<b>ADM7170ACPZ-5.0-R7</b> Analog Devices Inc. IC REG LINEAR 5V 500MA 8LFCSP	<b>ADM7160AUJZ-1.8-R7</b> Analog Devices Inc. IC REG LINEAR 1.8V 200MA TSOT5	<b>ADM7160AUJZ-3.3-R2</b> Analog Devices Inc. IC REG LINEAR 3.3V 200MA TSOT5	<b>ADM7171ACPZ-1.8-R7</b> Analog Devices Inc. IC REG LINEAR 1.8V 1A 8LFCSP	<b>ADM7170ACPZ-1.8</b> ADI (Analog Devices, Inc.)
<b>ADM7160ACPZN3.3-R7</b> Analog Devices Inc. IC REG LINEAR 3.3V 200MA 6LFCSP	<b>ADM7170ACPZ-3-3-R7</b> Analog Technologies	<b>ADM7160AUJZ-3.3-R7</b> Analog Devices Inc. IC REG LINEAR 3.3V 200MA TSOT5	<b>ADM7160AUJZ-2.5-R7</b> Analog Devices Inc. IC REG LINEAR 2.5V 200MA TSOT5	<b>ADM7170ACPZ-3.3-R7</b> Analog Devices Inc. IC REG LINEAR 3.3V 500MA 8LFCSP	<b>ADM7170ACPZ</b> ADI (Analog Devices, Inc.)
<b>ADM7170ACPZ-1.8-R7</b> Analog Devices Inc. IC REG LINEAR 1.8V 500MA 8LFCSP	<b>ADM7170ACPZ-R7</b> Analog Devices Inc. IC REG LIN POS ADJ 500MA 8LFCSP	<b>ADM7170ACPZ-4.2-R7</b> Analog Devices Inc. IC REG LINEAR 4.2V 500MA 8LFCSP	<b>ADM7170ACPZ-5.0</b> ADI (Analog Devices, Inc.)	<b>ADM7160AUJZ-3.3</b> ADI (Analog Devices, Inc.)	<b>ADM7171ACPZ</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
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Contact us if you have any questions.

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