



Image may be representation.  
See specifications for product details.



## ADP1706ACPZ-2.5-R7

Manufacturer Part Number	<b>ADP1706ACPZ-2.5-R7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADP1706ACPZ-2.5-R7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 2.5V 1A 8LFCSP
Package	8-WFDFN Exposed Pad, CSP
Data sheet	<b>ADP1706-08.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADP1706ACPZ-2.5-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADP1706ACPZ-2.5-R7 datasheet/specifications on AllelcoElec.com. Request a quote for ADP1706ACPZ-2.5-R7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADP1706ACPZ-2.5-R7 Tech Specifications  
ADP1706ACPZ-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)	0.63V @ 1A	Output Configuration	Positive
Voltage - Output (Min/Fixed)	2.5V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	5.5V	Mounting Type	Surface Mount
Supplier Device Package	8-LFCSP (3x3)	Current - Supply (Max)	1.55 mA
Series	-	Current - Quiescent (Iq)	390 µA
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	ADP1706
PSRR	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADP1706ACPZ-2.5-R7

Product Attribute				
Part Number	ADP1706ACPZ-2.5-R7	<a href="#">ADP1707ACPZ-1.8-R7</a>	<a href="#">ADP1706ARDZ-1.8-R7</a>	<a href="#">ADP1706ARDZ-1.3-R7</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Output	1A	1A	1A	1A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	Fixed	Fixed	Fixed	Fixed
Output Configuration	Positive	Positive	Positive	Positive
Number of Regulators	1	1	1	1
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Current - Quiescent (Iq)	390 µA	390 µA	390 µA	390 µA
PSRR	-	-	-	-
Control Features	Enable, Soft Start	Enable, Tracking	Enable, Soft Start	Enable, Soft Start
Package / Case	8-WFDFN Exposed Pad, CSP	8-WFDFN Exposed Pad, CSP	8-SOIC (0.154', 3.90mm Width) Exposed Pad	8-SOIC (0.154', 3.90mm Width) Exposed Pad
Base Product Number	ADP1706	ADP1707	ADP1706	ADP1706
Voltage - Output (Max)	-	-	-	-
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Output (Min/Fixed)	2.5V	1.8V	1.8V	1.3V
Supplier Device Package	8-LFCSP (3x3)	8-LFCSP (3x3)	8-SOIC-EP	8-SOIC-EP
Voltage Dropout (Max)	0.63V @ 1A	0.6V @ 1A	0.6V @ 1A	0.6V @ 1A
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Current - Supply (Max)	1.55 mA	1.55 mA	1.55 mA	1.55 mA
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)

### ADP1706ACPZ-2.5-R7 Datasheet PDF

Download ADP1706ACPZ-2.5-R7 pdf datasheets and Analog Devices Inc. documentation for ADP1706ACPZ-2.5-R7 - Analog Devices Inc..

#### Datasheets

[ADP1706-08.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)



Multiple Changes 13/Feb/2014.pdf

## Customers Also Interested in

### Recommended Products

 <b>ADP1706ACPZ-1.2</b> ADI (Analog Devices, Inc.)	 <b>ADP1707ACPZ-1.8-R7</b> Analog Devices Inc. IC REG LINEAR 1.8V 1A 8LFCSP	 <b>ADP1706ARDZ-1.8-R7</b> Analog Devices Inc. IC REG LINEAR 1.8V 1A 8SOIC	 <b>ADP1706ARDZ-1.3-R7</b> Analog Devices Inc. IC REG LINEAR 1.3V 1A 8SOIC	 <b>ADP1706ACPZ-1.1-R7</b> Analog Devices Inc. IC REG LINEAR 1.1V 1A 8LFCSP	 <b>ADP1706ARDZ-1.2</b> ADI (Analog Devices, Inc.)
 <b>ADP166ACBZ-1.8-R7</b> Analog Devices Inc. IC REG LINEAR 1.8V 150MA 4WLCSP	 <b>ADP1707ACPZ-1.2-R7</b> Analog Devices Inc. IC REG LDO 1.2V 1A 8LFCSP	 <b>ADP1706ACPZ-1.2-R7</b> Analog Devices Inc. IC REG LINEAR 1.2V 1A 8LFCSP	 <b>ADP1706ARDZ-3.3-R7</b> Analog Devices Inc. IC REG LINEAR 3.3V 1A 8SOIC	 <b>ADP166AUJZ-3.3-R7</b> Analog Devices Inc. IC REG LINEAR 3.3V 150MA 5TSOT	 <b>ADP1660ACBZ-R7</b> Analog Devices Inc. IC LED DRVR RGLTR I2C 12WLCSP
 <b>ADP166AUJZ-1.2-R7</b> Analog Devices Inc. IC REG LINEAR 1.2V 150MA 5TSOT	 <b>ADP166AUJZ-3.3</b> ADI (Analog Devices, Inc.)	 <b>ADP1706ARDZ-1.2-R7</b> Analog Devices Inc. IC REG LINEAR 1.2V 1A 8SOIC	 <b>ADP1706ARDZ-2.5-R7</b> Analog Devices Inc. IC REG LINEAR 2.5V 1A 8SOIC	 <b>ADP166ACPZN-2.3-R7</b> Analog Devices Inc. IC REG LINEAR 2.3V 150MA 6LFCSP	 <b>ADP165AUJZ-3.3-R7</b> Analog Devices Inc. IC REG LIN 3.3V 150MA TSOT23-5

## 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
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### Certifications & Memberships



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