

Image may be representation.  
See specifications for product details.



## ADXL312WACPZ-RL

Manufacturer Part Number	<b>ADXL312WACPZ-RL</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADXL312WACPZ-RL
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	ACCEL 1.5-12G I2C/SPI 32LFCSP
Package	32-LFQFN Exposed Pad, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADXL312WACPZ-RL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADXL312WACPZ-RL datasheet/specifications on AllelcoElec.com.  
Request a quote for ADXL312WACPZ-RL, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADXL312WACPZ-RL Tech Specifications  
ADXL312WACPZ-RL - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Output Type	I <sup>2</sup> C, SPI
Voltage - Supply	2V ~ 3.6V	Operating Temperature	-40°C ~ 105°C
Type	Digital	Mounting Type	Surface Mount
Supplier Device Package	32-LFCSP-LQ (5x5)	Features	-
Series	Automotive	Base Product Number	ADXL312
Sensitivity (mV/g)	-	Bandwidth	3.125Hz ~ 1.6kHz
Sensitivity (LSB/g)	345 (±1.5g ) ~ 43 (±12g)	Axis	X
Package / Case	32-LFQFN Exposed Pad, CSP	Acceleration Range	±1.5g, 3g, 6g, 12g
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADXL312WACPZ-RL

Product Attribute				
Part Number	ADXL312WACPZ-RL	<b>ADXL312ACPZ-RL</b>	<b>ADXL312WACPZ</b>	<b>ADXL313WACPZ-RL</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Bandwidth	3.125Hz ~ 1.6kHz	3.125Hz ~ 1.6kHz	3.125Hz ~ 1.6kHz	3.125Hz ~ 1.6kHz
Output Type	I <sup>2</sup> C, SPI	I <sup>2</sup> C, SPI	I <sup>2</sup> C, SPI	I <sup>2</sup> C, SPI
Voltage - Supply	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Acceleration Range	±1.5g, 3g, 6g, 12g	±1.5g, 3g, 6g, 12g	±1.5g, 3g, 6g, 12g	±0.5g, 1g, 2g, 4g
Axis	X	X, Y, Z	X, Y, Z	X, Y, Z
Package / Case	32-LFQFN Exposed Pad, CSP	32-LFQFN Exposed Pad, CSP	32-LFQFN Exposed Pad, CSP	32-LFQFN Exposed Pad, CSP
Base Product Number	ADXL312	ADXL312	ADXL312	ADXL313
Supplier Device Package	32-LFCSP-LQ (5x5)	32-LFCSP-LQ (5x5)	32-LFCSP-LQ (5x5)	32-LFCSP-LQ (5x5)
Features	-	Adjustable Bandwidth	Sleep Mode	Adjustable Bandwidth, Standby Mode
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Sensitivity (LSB/g)	345 (±1.5g ) ~ 43 (±12g)	345 (±1.5g ) ~ 43 (±12g)	345 (±1.5g ) ~ 43 (±12g)	1024
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Automotive	-	Automotive	Automotive
Type	Digital	Digital	Digital	Digital
Sensitivity (mV/g)	-	-	-	-

### ADXL312WACPZ-RL Datasheet PDF

Download ADXL312WACPZ-RL pdf datasheets and Analog Devices Inc. documentation for ADXL312WACPZ-RL - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

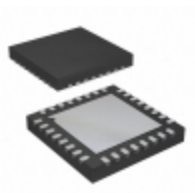
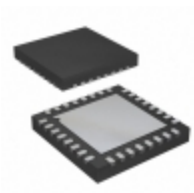
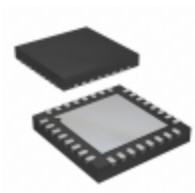
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#### PCN Assembly/Origin

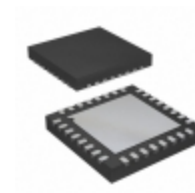
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### Customers Also Interested in

#### Recommended Products

**ADXL312ACPZ-RL**Analog Devices Inc.  
ACCEL 1.5-12G I2C/SPI 32LFCSP**ADXL312WACPZ**Analog Devices Inc.  
ACCEL 1.5-12G I2C/SPI 32LFCSP**ADXL313WACPZ-RL**Analog Devices Inc.  
ACCELEROMETER 0.5-4G 32LFCSP**ADXL320JCPZ-RL7**

ADI (Analog Devices, Inc.)

**ADXL312ACPZ**Analog Devices Inc.  
ACCEL 1.5-12G I2C/SPI 32LFCSP**ADXL278**

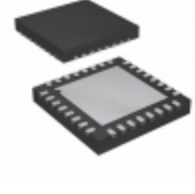
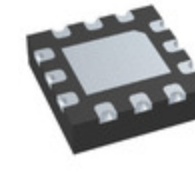
ADI (Analog Devices, Inc.)

**ADXL312**

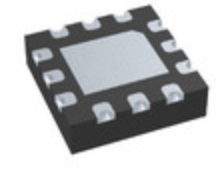
ADI (Analog Devices, Inc.)

**ADXL321JCP-REEL**

ADI (Analog Devices, Inc.)

**ADXL313WACPZ-RL7**Analog Devices Inc.  
ACCEL 0.5-4G I2C/SPI 32LFCSP**ADXL316WBCSZ**Analog Devices Inc.  
ACCELEROMETER ANALOG**ADXL288WBRDZ**

ADI (Analog Devices, Inc.)

**ADXL316WBCSZ-RL7**Analog Devices Inc.  
ACCELEROMETER 16G ANALOG**ADXL288WBRDZ-RL**Analog Devices Inc.  
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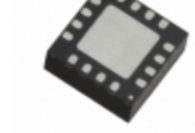
ADI (Analog Devices, Inc.)

**ADXL311JE**

ADI (Analog Devices, Inc.)

**ADXL295WXRZ**

ADI (Analog Devices, Inc.)

**ADXL320JCP-REEL7**Analog Devices Inc.  
IC ACCELEROMETER DUAL 16LFCSP**ADXL311JE-REEL**

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.



Phone

+00852 9146 4856



Email

info@allelco.com

### Certifications & Memberships



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