



Image may be representation.  
See specifications for product details.



## ADIS16505-2BMLZ

Manufacturer Part Number	<b>ADIS16505-2BMLZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADIS16505-2BMLZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	6 DOF PREC IMU, 8G (500 DPS DNR)
Package	100-BBGA Module
Data sheet	<b>ADIS16505.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADIS16505-2BMLZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADIS16505-2BMLZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADIS16505-2BMLZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADIS16505-2BMLZ Tech Specifications  
ADIS16505-2BMLZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tray
Supplier Device Package	100-BGA Module (15x15)	Output Type	SPI
Series	iMEMS®, iSensor™	Operating Temperature	-40°C ~ 105°C
Sensor Type	Accelerometer, Gyroscope, 6 Axis	Mounting Type	Surface Mount
Package / Case	100-BBGA Module	Base Product Number	ADIS16505

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADIS16505-2BMLZ

Product Attribute				
Part Number	ADIS16505-2BMLZ	ADIS16495-2BMLZ	ADIS16470AMLZ	ADIS16507-1BMLZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	iMEMS®, iSensor™	iMEMS®	-	iMEMS®, iSensor™
Supplier Device Package	100-BGA Module (15x15)	Module	44-BGA Module	100-BGA Module (15x15)
Base Product Number	ADIS16505	ADIS16495	ADIS16470	ADIS16507
Sensor Type	Accelerometer, Gyroscope, 6 Axis	Accelerometer, Gyroscope, 6 Axis	Accelerometer, Gyroscope, 6 Axis	Accelerometer, Gyroscope, 6 Axis
Output Type	SPI	SPI	SPI	SPI
Mounting Type	Surface Mount	Chassis Mount	Surface Mount	Surface Mount
Package / Case	100-BBGA Module	Module	44-BBGA Module	100-BBGA Module
Package	Tray	Bulk	Tray	Tray
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-25°C ~ 85°C	-40°C ~ 105°C

### ADIS16505-2BMLZ Datasheet PDF

Download ADIS16505-2BMLZ pdf datasheets and Analog Devices Inc. documentation for ADIS16505-2BMLZ - Analog Devices Inc..

#### Datasheets

[ADIS16505.pdf](#)

#### PCN Assembly/Origin

[ADIS1650 13/Dec/2019.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>ADIS16495-2BMLZ</b> Analog Devices Inc. 6 DOF TACTICAL GRADE IMU 8G 450	<b>ADIS16470AMLZ</b> Analog Devices Inc. 6 DOF PREC IMU 40G, 2000 DPS DNR	<b>ADIS16507-1BMLZ</b> Analog Devices Inc. 6 DOF PREC IMU, 40G (125 DPS DN	<b>ADIS16475-2BMLZ</b> Analog Devices Inc. 6 DOF PREC IMU, 8G (500 DPS DNR)	<b>ADIS16507-2BMLZ</b> Analog Devices Inc. 6 DOF PREC IMU, 40G (500 DPS DN	<b>ADIS16488BMLZ</b> Analog Devices Inc. IMU ACCEL/GYRO/MAG SPI 24ML
<b>ADIS16485AMLZ</b> Analog Devices Inc. IMU ACCEL/GYRO/MAG SPI 24ML	<b>ADIS16497-3BMLZ</b> Analog Devices Inc. 6 DOF TACTICAL GRADE IMU 8G 2000	<b>ADIS16505-1BMLZ</b> Analog Devices Inc. 6 DOF PREC IMU, 8G (125 DPS DNR	<b>ADIS16500AMLZ</b> Analog Devices Inc. 6 DOF PREC IMU, 40G (2000 DPS D	<b>ADIS16475-1BMLZ</b> Analog Devices Inc. 6 DOF PREC IMU, 8G (125 DPS DNR)	<b>ADIS16467-1BMLZ</b> Analog Devices Inc. 6 DOF PREC IMU, 8G (125 DPS DNR)

**ADIS16448BMLZ**Analog Devices Inc.  
MODULE GYRO/ACCELEROMETER  
20MSM**ADIS16460AMLZ**Analog Devices Inc.  
IMU ACCEL/GYRO/TEMP SPI 24ML**ADIS16465-1BMLZ**Analog Devices Inc.  
6 DOF PREC IMU, 8G (125 DPS DNR)**ADIS16485BMLZ**Analog Devices Inc.  
IMU ACCEL/GYRO/MAG SPI 24ML**ADIS16465-2BMLZ**Analog Devices Inc.  
6 DOF PREC IMU, 8G (500 DPS DNR)**ADIS16497-2BMLZ**Analog Devices Inc.  
6 DOF TACTICAL GRADE IMU 8G 450

## 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



[View More](#)



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