



Image may be representation.  
See specifications for product details.



## ADXRS652BBGZ

Manufacturer Part Number	<b>ADXRS652BBGZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADXRS652BBGZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC GYROSCOPE YAW RATE 32-CBGA
Package	32-BFCBGA
Data sheet	<b>ADXRS652.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADXRS652BBGZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADXRS652BBGZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADXRS652BBGZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADXRS652BBGZ Tech Specifications  
ADXRS652BBGZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tray
Voltage - Supply	4.75V ~ 5.25V	Output Type	Analog Voltage
Type	Analog	Operating Temperature	-40°C ~ 105°C (TA)
Series	-	Features	Adjustable Bandwidth, Temperature Sensor
Sensitivity (mV/°/s)	7	Current - Supply	3.5 mA
Sensitivity (LSB/(°/s))	-	Base Product Number	ADXRS652
Range °/s	±250	Bandwidth	0.01Hz ~ 2.5kHz
Package / Case	32-BFCBGA	Axis	Z (Yaw)

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADXRS652BBGZ

Product Attribute				
Part Number	ADXRS652BBGZ	ADXRS800WBEYZ-RL	ADXRS642BBGZ	ADXRS800WBRGZ-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Features	Adjustable Bandwidth, Temperature Sensor	Temperature Sensor	Adjustable Bandwidth, Temperature Sensor	Temperature Sensor
Current - Supply	3.5 mA	-	3.5 mA	-
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Axis	Z (Yaw)	Z (Yaw)	Z (Yaw)	Z (Yaw)
Series	-	Automotive	-	Automotive
Type	Analog	Digital	Analog	Digital
Bandwidth	0.01Hz ~ 2.5kHz	-	2kHz	-
Base Product Number	ADXRS652	-	ADXRS642	ADXRS800
Voltage - Supply	4.75V ~ 5.25V	3.3V ~ 5V	4.75V ~ 5.25V	3.3V ~ 5V
Range °/s	±250	±300	±250	±300
Package	Tray	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Sensitivity (mV/°/s)	7	-	7	-
Output Type	Analog Voltage	SPI	Analog Voltage	SPI
Package / Case	32-BFCBGA	-	32-BFCBGA	16-SOIC (0.154", 3.90mm Width)
Sensitivity (LSB/(°/s))	-	-	-	-

### ADXRS652BBGZ Datasheet PDF

Download ADXRS652BBGZ pdf datasheets and Analog Devices Inc. documentation for ADXRS652BBGZ - Analog Devices Inc..

#### Datasheets

[ADXRS652.pdf](#)

#### PCN Assembly/Origin

[Mult Devices 16/Jul/2018.pdf](#)

### Customers Also Interested in

#### Recommended Products



**ADXRS800WBEYZ-RL**

Analog Devices Inc.  
IC GYROSCOPE QUAD

**ADXRS642BBGZ**

Analog Devices Inc.  
IC GYROSCOPE YAW RATE 32CBGA

**ADXRS800WBRGZ-RL**

Analog Devices Inc.  
IC GYROSCOPE QUAD 16SOIC

**ADXRS642BBGZ-RL**

Analog Devices Inc.  
IC GYROSCOPE YAW RATE 32CBGA

**ADXRS800WBEYZ**

ADI (Analog Devices, Inc.)

**ADXRS649BBGZ**

Analog Devices Inc.  
IC GYROSCOPE YAW RATE 32CBGA



### ADXR810WBRGZ

ADI (Analog Devices, Inc.)

### ADXR800WBRGZ

Analog Devices Inc.  
IC GYROSCOPE QUAD 16SOIC

### ADXR646BBGZ-RL

Analog Devices Inc.  
IC GYROSCOPE YAW RATE 32CBGA

### ADXR623WBBGZ

Analog Devices Inc.  
IC GYROSCOPE YAW RATE 32-BGA

### ADXR810WBRGZ-RL

Analog Devices Inc.  
IC GYROSCOPE

### ADXR649BBGZ-RL

Analog Devices Inc.  
IC GYROSCOPE YAW RATE 32CBGA



### ADXR645HDYZ

Analog Devices Inc.  
IC GYROSCOPE YAW RATE 32CBGA

### ADXR623BBGZ-RL7

ADI (Analog Devices, Inc.)

### ADXR646BBGZ

Analog Devices Inc.  
IC GYROSCOPE YAW RATE 32CBGA

### ADXR810BRGZ

ADI (Analog Devices, Inc.)

### ADXR623BBGZ-RL

Analog Devices Inc.  
IC GYROSCOPE YAW RATE 32CBGA

### ADXR652BBGZ-RL

Analog Devices Inc.  
SENS GYRO 250DEG/S 7MV 32CBGA

## 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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## Contact us

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