GY-521 MPU6050 6DOF acc/gyro



Produktkode: 198aa
Tilgjengelighet: Opp til 1 mnd leveringstid
Weight: 20.00g

Pris: kr. 60,00

Kort beskrivelse
MPU-6050 6DOF 3 Axis Gyroscope + Accelerometer Module for Arduino DIY GY SS556

Beskrivelse
Chip: MPU-6050Description? 100% brand new Model:GY-521 Use the chip: MPU-6050 Power supply: 3V-5v. Communication modes: standard IIC communication protocol. Chip built-in 16 bit AD converter, 16 bits of data output Gyroscope range: + 250 500 1000 2000 ° / s Acceleration range: ± 2 ± 4 ± 8 ± 16 g Pin Definition: VCC, GND, SCL, SDA, XDA, XCL, ADO, INT Pitch:2.54mm Board size : 20mm(length)*16mm(width)Package Inclued1pc GY-521 6 DOF MPU-6050 Module 3 Axis Accelerometer Gyroscope Module for Arduino

Features:

This board is a PCB interface board with a an MPU6050 sensor mounted. MPU-6050 is the world’s first 6 axis MotionTracking devices designed for the low power, low cost,

and high-performance requirements of smartphones, tablets and wearable sensors.

The sensor combines a 3 axis gyroscope and a 3 axis accelerometer on the same silicon die together with an onboard DPM(Digital Motion Processor) capable of processing complex 9 axis Motion Fusion algorithms.

- user-programmable gyro full-scale range of 250, 500, 1000, and 2000 deg sec (DPS)

- and user-programmable accelerometer full-scale range of 2g, 4g, 8g, and 16g

- the sensor itself is in a 4x4x0.9 mm QFN package, and the board size is 20X15mm

Please go to INVESENS to get more detail datasheet and documentation regarding MPU6050.

www.invensense.com/mems/gyro/mpu6050.html

Specifications:

Chip: MPU-6050

Power supply: 3-5V

Communication mode: standard IIC communication protocol

Chip built-in 16bit AD converter, 16-bit data output

Gyroscopes range: ± 250 500 1000 2000 °/s

Acceleration range: ± 2 ± 4 ± 8 ± 16g

Immersion Gold plating PCB, machine welding process to ensure quality, Pin spacing 2.54mm

Applications:

Motion sensing game

Augmented Reality

Electronic image stabilization (EIS: Electronic Image Stabilization)

Optical image stabilization (OIS: Optical Image Stabilization)

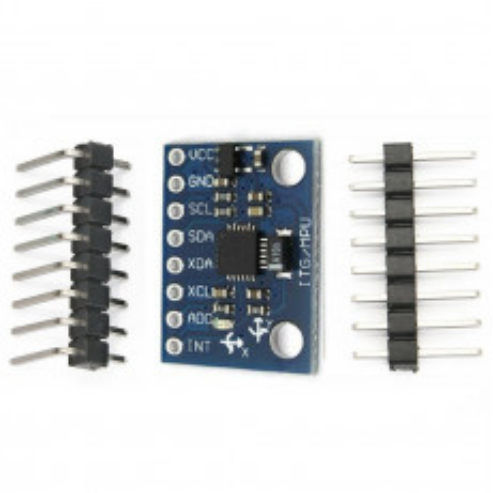
Pedestrian navigation

"Zero-touch" gesture user interface

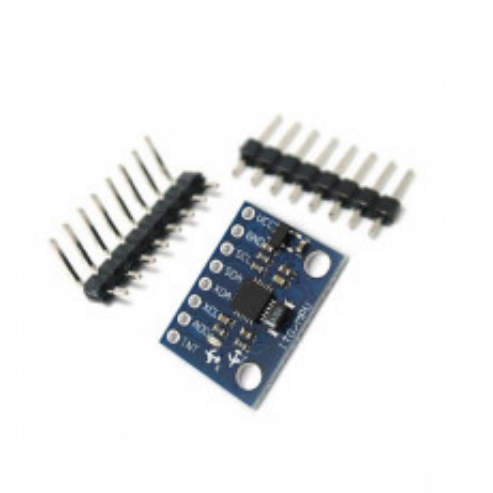
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VCC
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VCC
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GY-521


VCC
GND
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ADO
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