

OKY3231-1

Product Name: 3-Axis Digital Gyroscope GY-50 L3G4200D Angular Velocity Sensor

Product Module: OKY3231-1

Product Description:

Overview:

This is a breakout board for the L3G4200D low-power three-axis angular rate sensor. The L3G4200D has a full scale of $\pm 250/\pm 500/\pm 2000$ dps and is capable of measuring rates with a user-selectable bandwidth. These work great in gaming and virtual reality input devices, GPS navigation systems and robotics.

Features:

1. Three selectable full scales (250/500/2000 dps)
2. I2C/SPI digital output interface
3. 16 bit-rate value data output
4. 8-bit temperature data output
5. Two digital output lines (interrupt and data ready)
6. Integrated low- and high-pass filters with user selectable bandwidth
7. Ultra-stable over temperature and time
8. Wide supply voltage: 2.4 V to 3.6 V
9. Low voltage-compatible IOs (1.8 V)
10. Embedded power-down and sleep mode
11. Embedded temperature sensor
12. Embedded FIFO
13. High shock survivability
14. Extended operating temperature range (-40 °C to +85 °C)

Note: The color of item might be slightly different from the picture shown, which mainly lies in different light effect and computer monitor. Please give us your understanding. Thank you!

Package Included

1PCS X 3-Axis Digital Gyroscope GY-50 L3G4200D Angular Velocity Sensor

