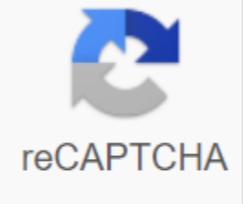




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## Gy- 801 datasheet pdf

This IMU 1DOF is based on the L3G4200D, ADXL345, HMC5883L and BMP180 sensors. The L3G4200D is a low-power three-axis angular speed sensor capable of providing unprecedented stability of zero speed and sensitivity over temperature and time. It includes a sensing element and an IC interface capable of providing measured angular speed to the outside world through a digital interface (I2C/SPI). The ADXL345 is a small, thin, low power, three-axis high-resolution (13-bit) measurement up to 16g ADXL345 is well suited for mobile applications. It measures static acceleration of gravity in tilt sensing applications, as well as dynamic acceleration as a result of motion or impact. Its high resolution (4 mg/LSB) allows the resolution of tilt changes to be just 0.25 . Honeywell HMC5883L is designed for low-bee-to-human magnetic sensing with a digital interface for such applications, Both the inexpensive compass and magnetometryThe HMC5883L includes the high-resolution HMC118X series of magneto-resistant sensors plus ASIC, containing amplification, automatic impoverishment of belt drivers, offset cancellation, and 12-bit ADC, which allows 1 BMP180 is the functional compatible successor to BMP85, the new generation of high-precision digital pressure sensors for consumer applications. Ultra-low power, low-voltage BMP180 electronics are optimized for use in mobile phones, PDAs, GPS navigation devices and outdoor equipment. Features Three Selected Full Scale (250/500/2000dps) Factor in all g-bands, up to 13-bit resolution on ±16 g 12-Bit ADC combined with low-noise ARM sensors reaches 5 milli-gauss Resolution in the pressure range ±8 Gauss Fields:: from: from 300 to 1100hPa (9000m to -500m above sea level) I2C Power Interfaces: 3-5v Applications Gaming and Virtual Reality Input Devices Vibration Monitoring and Compensation GPS Navigation Systems Devices and Robotics Weather Forecast This IMU 1DOF is based on the L3G4200D sensor, ADXL345, HMC5883L and BMP180. The L3G4200D is a low-power three-axis angular speed sensor capable of providing unprecedented stability of zero speed and sensitivity over temperature and time. It includes a sensing element and an IC interface capable of providing measured angular speed to the outside world through a digital interface (I2C/SPI). The ADXL345 is a small, thin, low power, three-axis high-resolution (13-bit) measurement up to 16g ADXL345 is well suited for mobile applications. It measures static acceleration of gravity in tilt sensing applications, as well as dynamic acceleration as a result of motion or impact. Its high resolution (4 mg/LSB) allows the resolution of tilt changes to be just 0.25 . Honeywell HMC5883L is designed low field magnetic sensing with a digital interface for applications such as The HMC5883L's coming and magnetometry includes a high-resolution HMC118X series of magnetic-resistant sensors plus ASIC containing amplification, automatic degassing belt drivers, offset cancellation, and a 12-bit ADC that allows 1 to 2 compass-header accuracy. The BMP180 is the functional compatible successor to BMP085, the next generation of high-precision digital pressure sensors for consumer applications. Ultra-low power, low-voltage BMP180 electronics are optimized for use in mobile phones, PDAs, GPS navigation devices and outdoor equipment. Features Of the Three Selected Full Scales (250/500/2000dps) Factor in all g-bands, up to 13-bit resolution on ±16 g 12-Bit ADC combined with low-noise ARM sensors reaches 5 milli-gauss Resolution in pressure range ±8 Gauss Fields:300 to 1100hPa (9000hPa m up to -500 m above sea level) I2C Power Interfaces: 3-5v Apps Gaming and Virtual Reality Input Devices Vibration Monitoring and Compensation GPS Navigation Systems Devices and Robotics Weather Forecast 30 other products in the same category: Kvik View: 1363 Veroboard Line Type 6.5x14.5cm Stripboard Veroboard Veroboard Uncut Type: Line If you want to purchase a Veroboard-type point please click here. 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With Vision Help: 411 HB100 Microwave Sensor 10.525 GHz Doppler Radar Motion Detector Arduino Type: Microwave sensorChip: HB100Party: 10.52 1 25GHzVoltage: DC 5V±0.25VCurrent: 40mASize: 38 x 45 x 7 mm (L x W x H)Appendix: Automatic door start, car. The intrusion alarm Collision WarningTraffic monitoringNote: Please pay attention to the voltage/current/power of your own devices. To ensure product safety, check to see if the product is compliant... On sale! Wiw view Help: 345 ESP8266 ESP-01 WiFi Wireless Transceiver Send Get LWIP AP-STA M70 ESP8266 is a Wi-Fi SOC (system on chip) produced by Espresso Systems. This is a highly integrated chip designed to provide a full Internet connection in a small package. This is a module based on the ESP8266 chip. Please see the provided pinout photos and diagrams for details of the connection. There are many internet resources available for this module.  Review Help: 410 X9C103S Digital Module potentiometer for arduino Voltage Module: DC6-15V;Operation current: less than 5mA; Transmission power: Less than 2mWOutput Signal: TTL trigger repeats, high and low. High power output 5V, low 0V;Detection angle: 180 degrees (hemisphere);D Imuch range: 3-8m, default setting 7mWork Delay: 2S-120S, default 20S Kvik Kind Help: 180 Brand: SparkFun Electronics Makey Makey Kit Description: This is the same product as makey Makey Standard Kit. The difference is, this version comes in fancy cot packaging designed for our distributors who need it. Regular customers can order, but we want to limit the amount of extra packaging to find their way into the bin. With Kind Help: 915 UART EM4100 RFID Card Reader RDM6300 Review RDM6300 125KHz cardreader mini module designed to read code from 125KHz cards compatible only for reading tags and reading/writing cards. It can be applied to office/home security, personal identification, access control, anti-forgery, interactive toys and production control systems, etc. Kvik Vision Reference: 684 Motor Driver - Dual TB6612FNG (1A) TB6612FNG Engine driver can control up to two DC 1.2A (3.2A peak engines). Two inputs (IN1 and IN2) can be used to engine in one of four functional modes - CW, CCW, short brake and foot. English 日本語 한국어 Francois espa'ol 日本語 Deutsch italiano and polski portugui's Tiếng việt việt (38)LIDAR / Расстояние / Расстояние датчика скорости / Скорость (90) Инфракрасный модуль слежения линии (12)Switch Модуль Bump/Гар Stop Механический переключатель ограничения Камера и камера зрения / Цвет / Видение (35) Спектральные измерения от Блеска Спектр / Спектроскопия (8)ตรวจจับแรงกด แล ตรวจจับน้ำหนัก Force / Датчик веса (44)การเคลื่อนไห้ ตรวจจับแรงดัน ตรวจจับ датчик движения/вращения/Наклона/Вибрации (41)ตรวจจับท่าทางการขับขี่บนขงไม้ Module датчика жестов (5)โมดูลตรวจจับแรงกดทางชีวเมทริกซ์ Биометрический датчик (34)โมดูลตรวจจับแรงกดและกระแสไฟฟ้า Напряжение/Текущий датчик (52)วัดสภาพแวดล้อมแบบเรียลไทม์ Экологический / Газовый (224)เซ็นเซอร์ตรวจจับโลหะ / Металлический индуктивный датчик N06 Потенциометр/Ротари Энкодер (26)Термоэлектрический датчик (9)Joystick/Keypad/Touch Keypad Конвертер/Адаптер/MUX (33)NFC/RFID/Magnetic Card (Магнит/Магнитный переключатель) Безопасность/Криптография : O'CAN Bus / LIN Bus / OBD ( код / сканер штрих-кодов gy-801 datasheet pdf. gy-801 datasheet

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