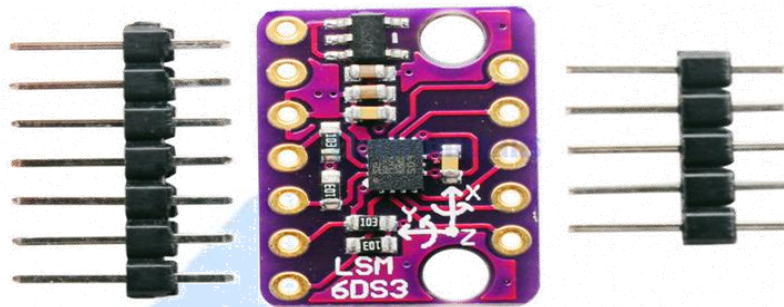


OKY3259-5

ACELEROMETROCON GIROSCOPIO GY-M6DS3



Description:

The lsm6ds3 is an accelerometer and a huge 8kb FIFO buffer and an embedded processing interrupt function for the gyro sensor, specifically for the mobile phone market. Due to the ability and we have just created this small breakthrough board lsm6ds3 low cost! Each lsm6ds3 breakthrough design becomes super flexible and configurable specifically for many applications. With lsm6ds3 breakout, you will be able to detect the impact, tilt, movement, faucet, step, and even read the temperature!

lsm6ds3 can read 6.7ks / s gyro accelerometer data and data on 1.7ks / s more accurate motion detection. As mentioned above, the break also has a buffering capability of up to 8KB between the data read, the host of the other sensors, the drive interrupt pin thanks to the lsm6ds3 built-in FIFO.

Each pin has been broken in the lsm6ds3, side of the board, power and I2C functions while the other side of the motion pin controls the SPI function and interrupt the output. Keep in mind that lsm6ds3 is a 3.3V device that provides a voltage greater than - 3.6v to permanently damage the IC. Any 5V operating platform requires a logic level shifter.

- Power consumption: 0.9 mA in combo normal mode and 1.25 mA in combo high-performance mode up to 1.6 kHz.

"Always on" experience with low power consumption for both accelerometer and gyroscope

Smart FIFO up to 8 kbyte based on features set

$\pm 2 / \pm 4 / \pm 8 / \pm 16$ g full scale

$\pm 125 / \pm 245 / \pm 500 / \pm 1000 / \pm 2000$ dps full scale

Analog supply voltage: 1.71 V to 5 V

SPI / I2C serial interface with main processor data synchronization feature

Embedded temperature sensor

Module size 13mm * 18mm

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TOLERANCIA: N/A	ACELEROMETROCON GIROSCOPIO GY-M6DS3		
TOLERANCIA: N/A	Fecha: 23/12/2019	No. Parte: OKY3259-5	