



PRODUCT NAME : Pedometer Sensor Module For Arduino/Raspberry-Pi/Robotic



PRICE : Rs 599.00
SKU : RM2305

DESCRIPTION

DSPX01 is a type of 3 axes acceleration module designed for 3D pedometer applications. It consists of a 3 axes acceleration sensor (MEMS G sensor) and a low power high performance MCU. The MCU analyses the sensor data originated from physical movements. When there is a walking step or running step, the DSPX01 module will output the step information in the form of a high level pulse so it is very easy to use. The output pulse width is 50ms in high level. In motionless status the output of DSPX01 module is low level. Now we can count our steps.....and be fit...

DSPX01 module can enter sleep mode by setting CS pin to low in order to save power consumption. This module works at 2.5~3.3V with extra low power consumption. Because of its compact size, DSPX01 module can be embedded into mini sports products such as Strip pedometer, Sports shoes, etc. Because the movements of human beings are different from animals and the forces in different parts of body are also different.

Features:

- Pulse output
- Counting Accuracy: $\pm 3\%$
- Working current: $< 60\mu A$
- Standby current: $< 5\mu A$
- ASupply voltage: 2.5~3.3V
- Working Temp: $-10\sim +55^{\circ}C$
- Dimensions: 12*12.4*2mm

Applications:

- Intelligent phone
- Outdoor equipment
- Sports shoes
- Pets health care
- Dairy exercise monitor

Frequently Asked Question for Pedometer Sensor Module For Arduino/Raspberry-Pi/Robotics

Q: What is the price for Pedometer Sensor Module For Arduino/Raspberry-Pi/Robotics

A: Approx INR 599only

Q: Where to buy Pedometer Sensor Module For Arduino/Raspberry-Pi/Robotics

A: Robomart.com