Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

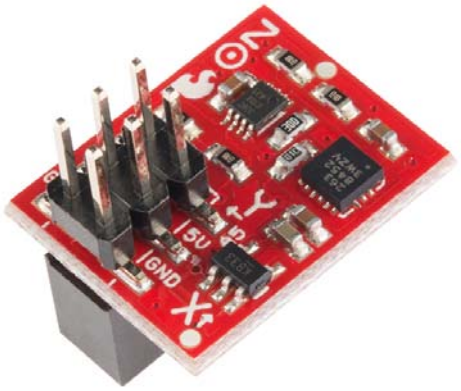
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

SparkFun RedBot Sensor - Accelerometer

SEN-12589 ROHS



Description: The Accelerometer sensor is an add-on for your RedBot that provides bump and motion detection. The sensor works by measuring acceleration forces on the x, y, and z axis. By measuring the amount of acceleration (or lack there of) your robot can get a better understanding of its movements.

The sensor has two 2x3 headers (one male and one female) which connect directly to the RedBot Mainboard giving you the ability to stack another I²C sensor. Just use the included RedBot library to detect bumps and motion.

Check out the entire RedBot family of products!

Dimensions: 0.45 x 0.69 “ (11.53 x 17.72 mm)

Features:

- 5VDC Operating Voltage
- Triple Axis
- ±2g/±4g/±8g Selectable Full Scale
- 12 bits of resolution
- Orientation (Portrait/Landscape) Detection