



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!



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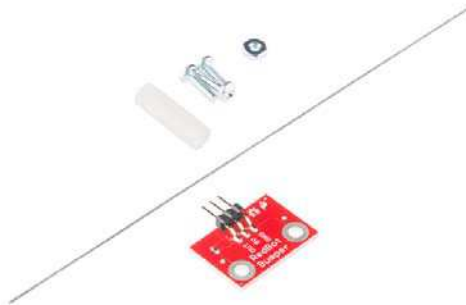
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SparkFun RedBot Sensor - Mechanical Bumper

SEN-11999 ROHS ✓ ✱



Description: These simple switches are the Mechanical Bumper sensor for the SparkFun RedBot, giving you the ability to detect a collision before it really happens. This sensor works by acting as a SPST switch. When the “whisker” bumps into a foreign object it will make contact with a nut next to it, closing the connection and, by default, turning off the motor. By attaching these mechanical bumpers to your robot the whisker will bump something before your robot crashes into it.

The sensor has a 3-pin header which connects directly to the RedBot Mainboard via female to female jumper wires. Use the included RedBot library to make sure your robot never crashes into anything again.

Check out the entire RedBot family of products!

Note: Our RedBot tutorials utilize two of these Mechanical Bumper Sensors. Please take this into consideration before placing your order.

Dimensions: 1.03 x 0.69" (26.27 x 17.67 mm)

Includes:

- 1x Mechanical Bumper Board
- 1x Whisker
- 1x 3/4" 4-40 Nylon Standoff
- 1x 4-40 Hex Nut
- 3x 3/8" 4-40 Phillips Machine Screw