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!
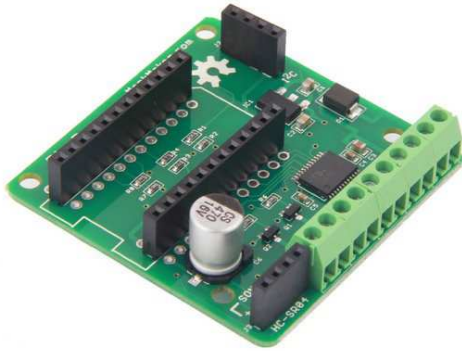

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PhoBot
SKU: 114990229

(images/product/114990229 1_02.jpg)

Description

A simple to use motor shield for the Spark Core and Photon. This board is designed to simplify the process of making small roving robots using a Photon or Spark Core. The shield is designed to be used with low cost robot chassis to make simple autonomous robots.

Features:

- Dual bi-directional motor control using TB6612FMG dual H-bridge
- Dual open drain 2A MOSFET outputs
- Socket for HC-SRo4
- Socket for 5V I2C Interface
- Provides 5V regulated power to Photon or Core

Specification:

- Max. Input voltage: 12V
- Min. Input voltage: 6V
- Max. Current M1 and M2: 2A
- Max. current I2C 5V supply: 80mA

Part List:
1 x PhoBot v1.0

The board has an accompanying C library that can be found on GitHub here (https://github.com/simonmonk/PhoBot).
For technical support and suggestions, please visit our forum (http://www.seeedstudio.com/forum/viewforum.php?f=65&sid=26ade359a1cff929ba873dde31961152).

Overview

Designer: Monk Makes (http://www.monkmakes.com/)
Other Products From This Designer (http://www.seeedstudio.com/depot/Monk-Makes-m-170.html?ref=pinfo)
Weight: 18 g