



PhoBot

SKU: 114990229

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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 TB6612FVM dual H-bridge
- Dual open drain 2A MOSFET outputs
- Socket for HC-SR04
- 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