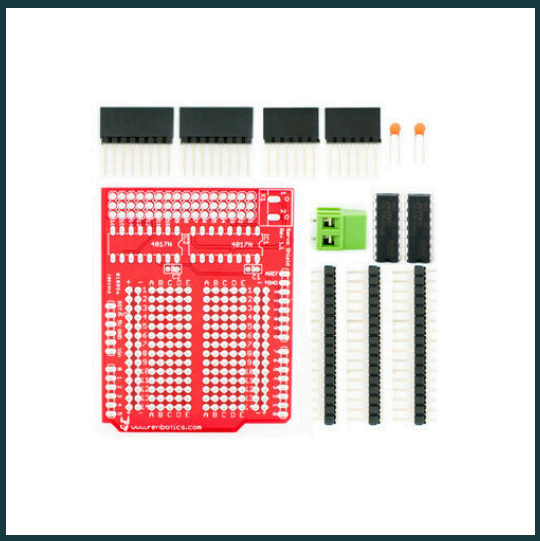
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INDUSTRIAL PRODUCT DATASHEET

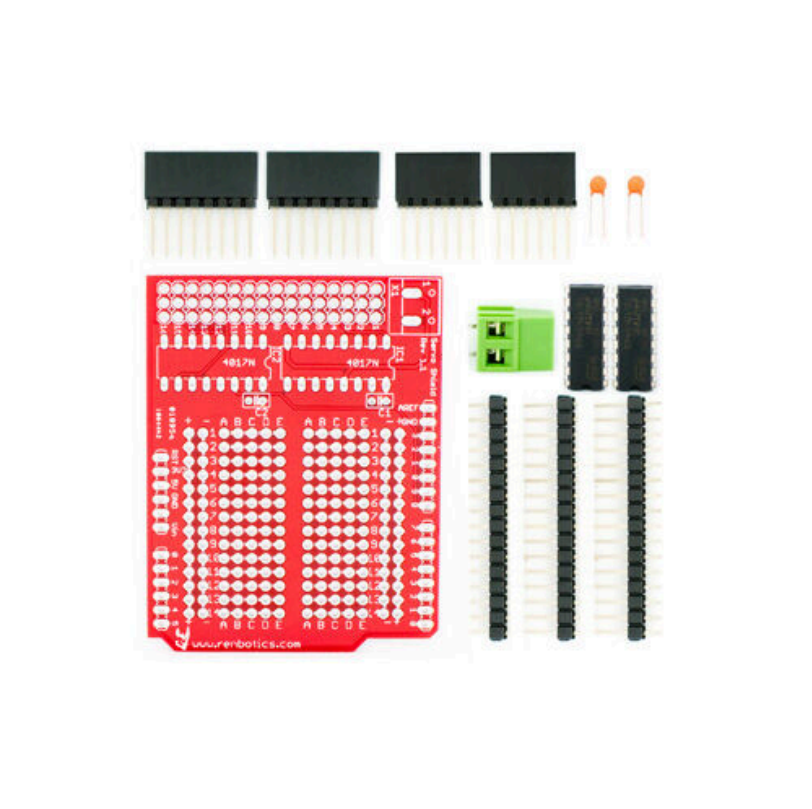
Renbotics Servo Shield Rev 1.1

The Renbotics ServoShield Rev 1.1 drives up to 16 servos with minimal pins and timers, includes a prototyping area, and targets robotics, animatronics, mechatronics, and art.

SKU	UPDATED	PRICE
110090001	2024-08-09 02:14:10	$15.00(Excl. VAT)



Overview



The Renbotics ServoShield Rev 1.1 is an Arduino-compatible shield that uses two 4017 decade counters to drive up to 16 servos using only 4 digital pins and as little as one 8-bit timer in standard mode or two timers in high accuracy mode, while also providing a 196-point breadboard-style prototyping area. It is suitable for applications in robotics, animatronics, mechatronics, and art, and features convenient screw terminals and an easy-to-use API.

Key Features

The Renbotics ServoShield is an Arduino-compatible shield that uses two 4017 decade counters to drive up to 16 servos using only 4 pins (digital pins 6 to 9) and as little as one 8bit timer (Timer 2) in standard mode or two 16/8bit timers (Timer 1 and Timer 2 for Duemilanove or Timer 3 for Mega) in high accuracy mode. It also includes a 196 point breadboard style prototyping area.

Features

- 16 Servo Channels
- Convenient screw terminal for servo power supply
- 196 Point breadboard style prototyping area
- Compatible with Arduino Duemilanove and Arduino Mega
- Easy to use API

Applications

- Robotics
- Animatronics
- Mechatronics Art

Documents

Please visit our **wiki page** for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum**.

Compliance & Logistics

HSCODE

Resource Links

- **https://www.seeedstudio.com/Renbotics-Servo-Shield-Rev-1-1-p-498.html**

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