

Mega Multi-Expansion shield SKU:DFR0256



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Introduction

Bothered with the conflict of I/O pins when using shields with the Mega board during a project? Find it hard to take good advantage of the mega I/O pins? Try the Mega I/O multi-expansion shield to help solving the problem.

Mega I/O multi-expansion shield means that you can plug 4 different shields at same time. All I/O pins of the Mega board are expanded so that you can plug 4 shields at most, and worry not any more about the I/O conflict. Whatsmore, it makes your project clean & tidy with the cables be arranged in order . Expand your project idea with Mega I/O multi-expansion shield

Specification

- Compatible with Mega1280/2560/ADK
- Support 4 shields
- Size:14.4x13cm

Pinout



Pinout

Application

Here is some example for reference A drafting instrument or a 3D printer

- A mega board (1280/2560/ADK)
 Dual Bipolar Stepper Motor Shield for Arduino (A4988)
- 3. LCD12864 Shield for Arduino
- 4. A Power Shield (Arduino Compatible)
- 5. A mega multi-expansion shield



A drafting instrument or a 3D printer

A 4WD robotic platform

- 1. A mega board (1280/2560/ADK)
- 2. 2A Motor Shield For Arduino x2
- 3. A Graphic LCD4884 Shield For Arduino
- 4. A Xbee Shield For Arduino
- 5. A mega multi-expansion shield



A 4WD robotic platform

A simple smart home care robot

- 1. A mega board (1280/2560/ADK)
- 2. A LCD Keypad Shield For Arduino
- 3. DFRduino Ethernet Shield (Support Mega and Micro SD)
- 4. A Relay Shield for Arduino
- 5. A mega multi-expansion shield
- 6. A light sensor and a humidity & temperature sensor



A simple smart home care robot

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