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.

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Gravity: PCB of Arduino LCD Keypad Shield

SKU:DFR0009-BP

INTRODUCTION

This is the back panel pcb of 1602 Arduino LCD Shield. This shield allows you to place your own LCD onto this shield. It only requieres a 16x2 HD44780 compatible LCD. This Shield uses Arudino LCD4Bit library.

The pcb is compatible with the following LCD:

- Basic 16x2 Character LCD - Black on Yellow 5V
- Basic 16x2 Character LCD - White on Blue 5V

APPLICATIONS

This is a great shield if you have an extra LCD laying arround or want to move your current LCD from breadboard and wires to a more stable solution.

SPECIFICATION

- Requieres the use of an 16x2 LCD
- Operating Voltage:5V
- Integrate a potentiometer for adjusting the backlight
- Has 5 programmable buttons and 1 reset button
- Expanded available I/O pins
- Expanded Analog Pinout with standard DFRobot configuration for fast sensor extension
- Pin used:
  - D4-D7 -> LCD Data transmission
  - D8 -> Reset pin
  - D9 -> Enable pin
- APC&BT pin header for connecting wireless devices, directly compatible with:
  - APC220 Radio Communication Module
  - DFRobot Bluetooth V3
- Dimension: 80 x 58 mm(3.15x2.28")

Not Compatible with: 20 Pin LCD's