

31050 MP

General Information

This LCD Keypad shield for Arduino and other variants. It includes a 2x16 LCD display and 6 momentary push buttons.

Pins 4, 5, 6, 7, 8, 9 and 10 are used to interface with the LCD.

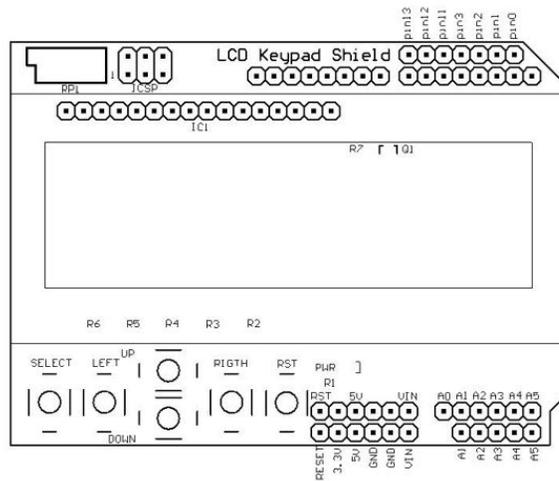
Single Analog input (Pin 0) is used to read the five pushbuttons.

The LCD shield supports contrast adjustment and back-lit on/off functions.

The on board LED indicates power on.

This shield has 5 keys — select, up, right, down and left which allow you move through menus and make selections straight from one board attached to your Arduino project. This allows you keep connecting sensors to the rest of the pins, and use it for monitoring or menu selection with the push buttons.

Board Layout



Pin Allocation

| Pin | Function |
|------------|---|
| Analog 0 | Button (select, up, right, down and left) |
| Digital 4 | DB4 |
| Digital 5 | DB5 |
| Digital 6 | DB6 |
| Digital 7 | DB7 |
| Digital 8 | RS (Data or Signal Display Selection) |
| Digital 9 | Enable |
| Digital 10 | Backlit Control |

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