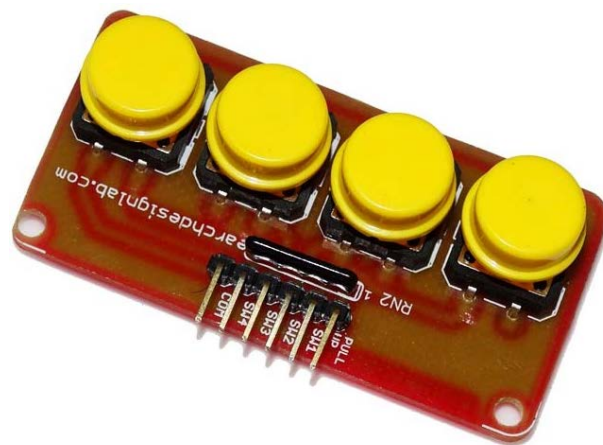


4 KEYS



KEYPAD

Table of Contents

OVERVIEW	3
FEATURES	3
PIN CONFIGURATION	4
ARUINO CODE:	5

OVERVIEW

It has 4 keys which can be connected to any microcontroller or any interfacing kit directly. KEY is a small key pad designed to data entries for microcontroller board. The board has 6-pin header for 6-wire ribbon cable. By default the switch status would be pulled up, every time you press a key the corresponding switch header changes its state to the common header in the board.

FEATURES

- 4 keys.
- Connect to microcontroller's pin directly.
- 6-pin header.
- Input pins connected to Bugstick
- On board pull-up resistors
- High quality PCB FR4 Grade with FPT Certified

PIN CONFIGURATION



ARDUINO CODE:

```
#include <LiquidCrystal.h>

LiquidCrystal lcd(12, 11, 5, 4, 3, 2);

const int sw1 = 0 ;

const int sw2 = 1;

const int sw3 = 2;

const int sw4= 3 ;

;

void setup() {

lcd.begin(16, 2);

pinMode(sw1, OUTPUT);

pinMode(sw2, OUTPUT);

pinMode(sw3, OUTPUT);

pinMode(sw4, OUTPUT);

}

void loop()

{

if(sw1==HIGH)
```

```
{  
  lcd.print("switch 1 is pressed");  
}  
else if(sw2==HIGH)  
{  
  lcd.print("switch 2 is pressed");  
}  
else if(sw3==HIGH)  
{  
  lcd.print("switch 3 is pressed");  
}  
else if(sw4==HIGH)  
{  
  lcd.print("switch 4 is pressed");  
}  
}
```