LCD MODULE
C013

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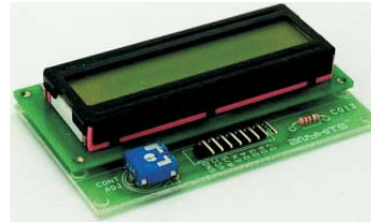
LCD Module kit offers an easy way of interfacing a 16X2 Alphanumeric LCD.

❍ Interfacing 16X2 backlight alphanumeric LCD in 4 bit mode
❍ Onboard resistor to limit current to backlight LED
❍ Preset to adjust the contrast level of the LCD
❍ 8 Pin Berg connector for easy connection of all pins to the microcontroller board
❍ PCB dimensions 80 mm x 49 mm

This Project PCB will help you connect a standard 16x2 backlight Alphanumeric LCD to any of your microcontroller project in the 4 bit mode.

Many of our kits use this PCB for display purpose.

PR1 Preset will adjust the contrast setting of the LCD
R1 Resistor will help regulate current flow through the backlight LED
CN1 Connector is a 8 pin connector by which the LCD Display PCB would be connected to your project

A Berg connector is used to solder the LCD display to the Main PCB. Please remember to solder the jumpers first and then other components on the PCB.

Please refer to the schematic diagram for the configuration of this board.
The kit includes all components required for the project. Please check the components supplied to you as per the BOM "Bill of Material" listed in this document. Component legends and In/Out port pins are clearly printed on the PCB.
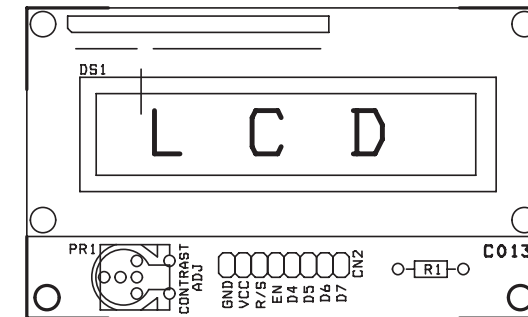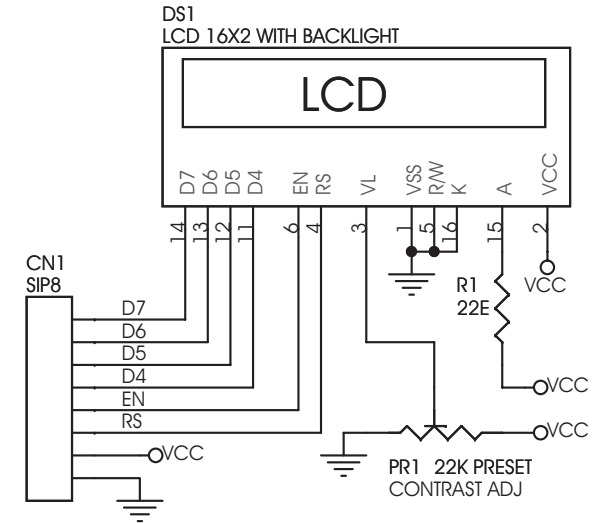
SR.	QTY.	REF.	DESCRIPTION
1	1	CN1	8 PIN BERG CONNECTOR
2	1	DS1	LCD 16X2 WITH BACKLITE
3	1	PR1	22K PRESET
4	1	R1	22E
5	1	CONNECTOR	16 PIN BERG CONNECTOR
6	3	JUMPER	WIRE JUMPER

BUILD SMARTER

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