Arduino with LCD

More information about the external devices that are required for this experiment.
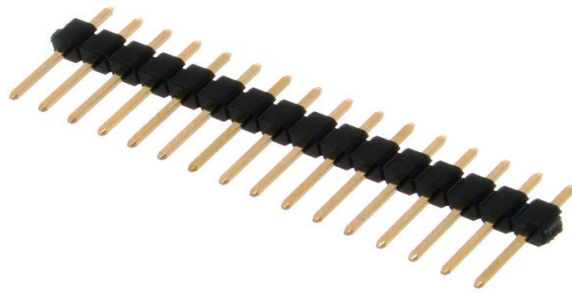
LCD – Liquid Crystal display

- LCD stands for Liquid Crystal Display.
- It displays characters, numbers, special characters, ASCII characters, etc.
- It comes in many sizes. Here, I am using a 16 by 2 LCD display.
- This means, it can display 16 characters per line and there are 2 such lines.

Potentiometer

- Potentiometer is a small sized electronic component used to measure voltage.
- The resistance can be adjusted manually.
- In this experiment, it is used to control the contrast of the LCD.

Pin header:

- Pin header is a connector with pins arranged in a line.
- It will fit very well on the breadboard.

Soldering parts:

For soldering, we require:

Soldering Iron with stand

Soldering Lead

Soldering Paste