

If Your display is a [HD44780](#) compatible, but has no datasheet available: You can try **tracing** the connector pinout by using [HD44780 datasheet](#) as a reference.

All pins of the connector expect  $V_0$  <sup>1)</sup>, possible  $V_{ee}$  <sup>2)</sup> and possible Backlight power pins <sup>3)</sup> are directly connected to the HD44780 controller.

If You have the basic electronics knowledge:

You should be able to trace LCD pinout by watching the controller pin arrangement and using conductivity tester of your Multimeter to trace signals to the connector pins. (the unknown pins are left to Your logical thinking to figure out)

<sup>1)</sup>

contrast voltage

<sup>2)</sup>

negative supply for extended temperature range displays

<sup>3)</sup>

these should be at the one or the other end of the connector and connected to the large pads on the LCD board

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