

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.

<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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