

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 ¹⁾, possible V_{ee} ²⁾ and possible Backlight power pins ³⁾ are directly connected to the HD44780 controller ⁴⁾.

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.

¹⁾

contrast voltage

²⁾

negative supply for extended temperature range displays

³⁾

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

⁴⁾

I also traced Toshiba T7934 Controller based display and the controller was pin compatible

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