

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

From:

<https://www.midibox.org/dokuwiki/> - **MIDIbox**

Permanent link:

https://www.midibox.org/dokuwiki/doku.php?id=tracing_unknown_lcd_pinout&rev=1143631853

Last update: **2006/10/15 09:35**

