

LCD module preparation

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I recently received the graphic LCD module I ordered (Newhaven part number NHD-C128128BZ-FSW-GBW). After receiving the LCD and the connector breakout board, I soldered a female pin header socket onto the board. This will allow me to use jumper wires to go between the breakout board and a breadboard. I discovered retrospectively that the female header and wires end up directly underneath the LCD when it is connected to the board. This is annoying for sure, but turned out to be workable after I made some small foam "props" to prevent the LCD from sliding all over the place.

I decided to use a small breadboard as an intermediary connection point between the LCD board and the microcontroller / main breadboards. This decision was based on the fact that this LCD module requires multiple external capacitors and resistors to operate. The separate breadboard helps to remove some 'clutter' from the microcontroller / main board. Photos of the LCD components and the intermediary breadboard connections I setup are shown below.





