

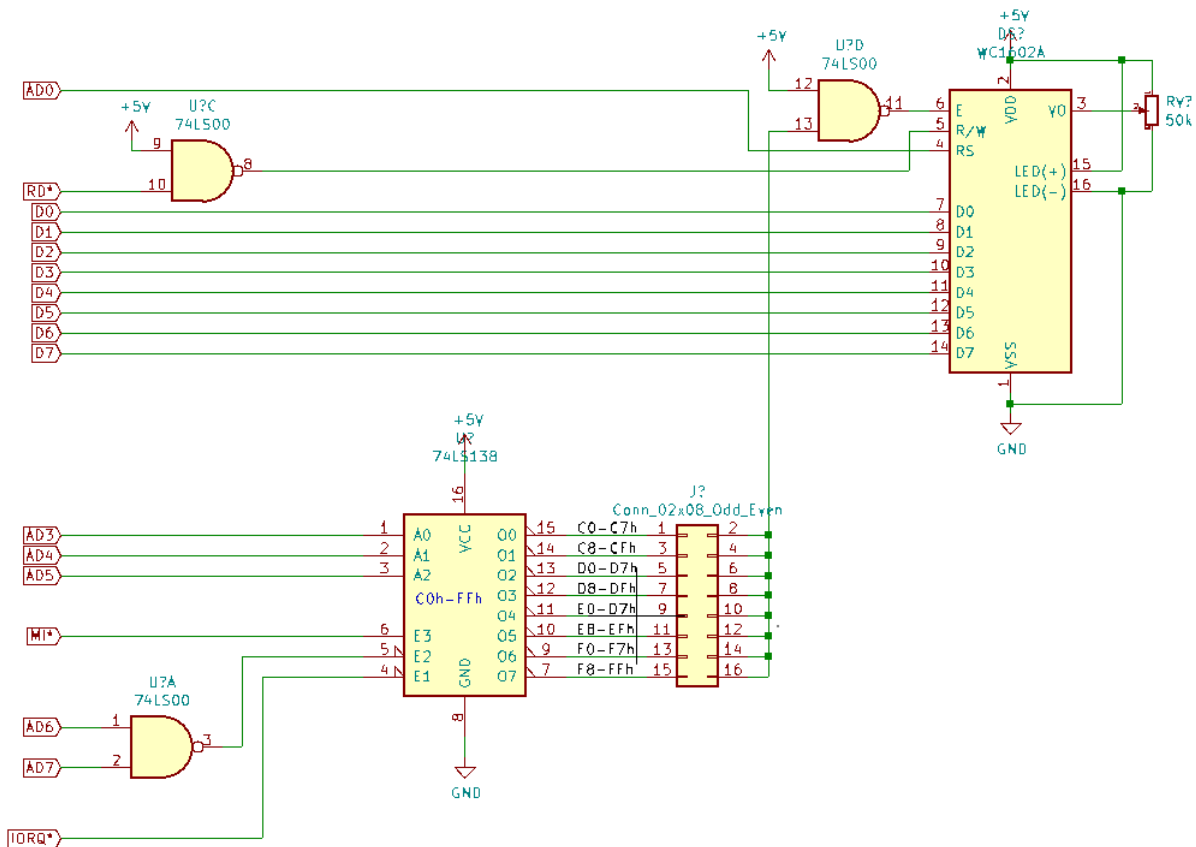
LCD character display for the MPF-I

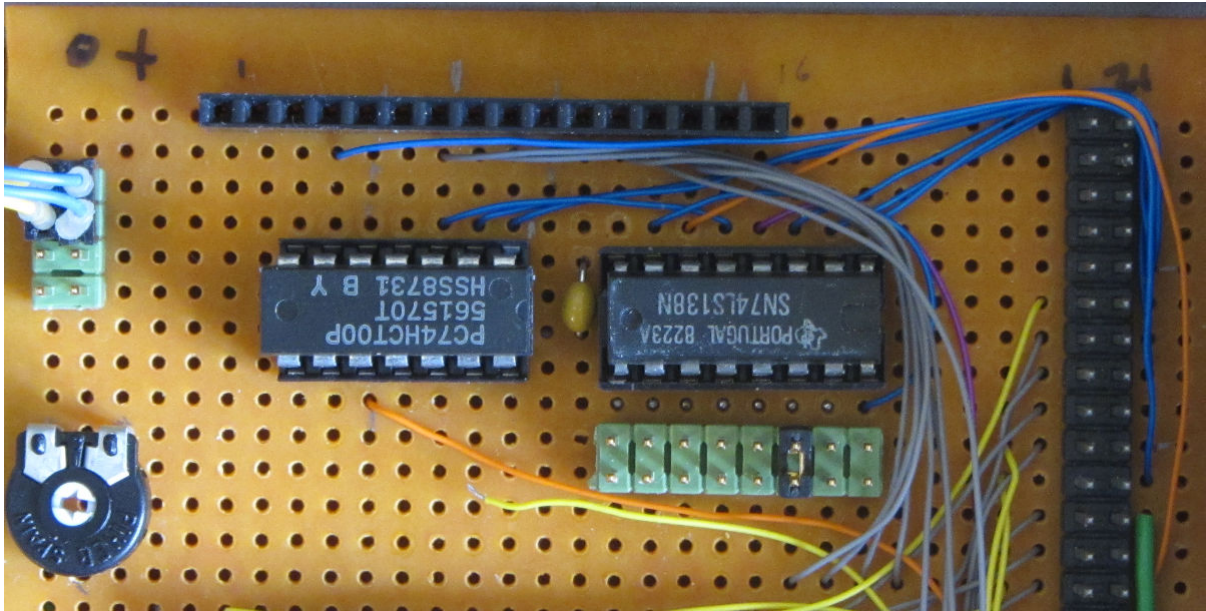
The MicroProfessor already has a display, but it is fun to add another.

At bread80.com Mike created just the right approach. Simple as it should be.

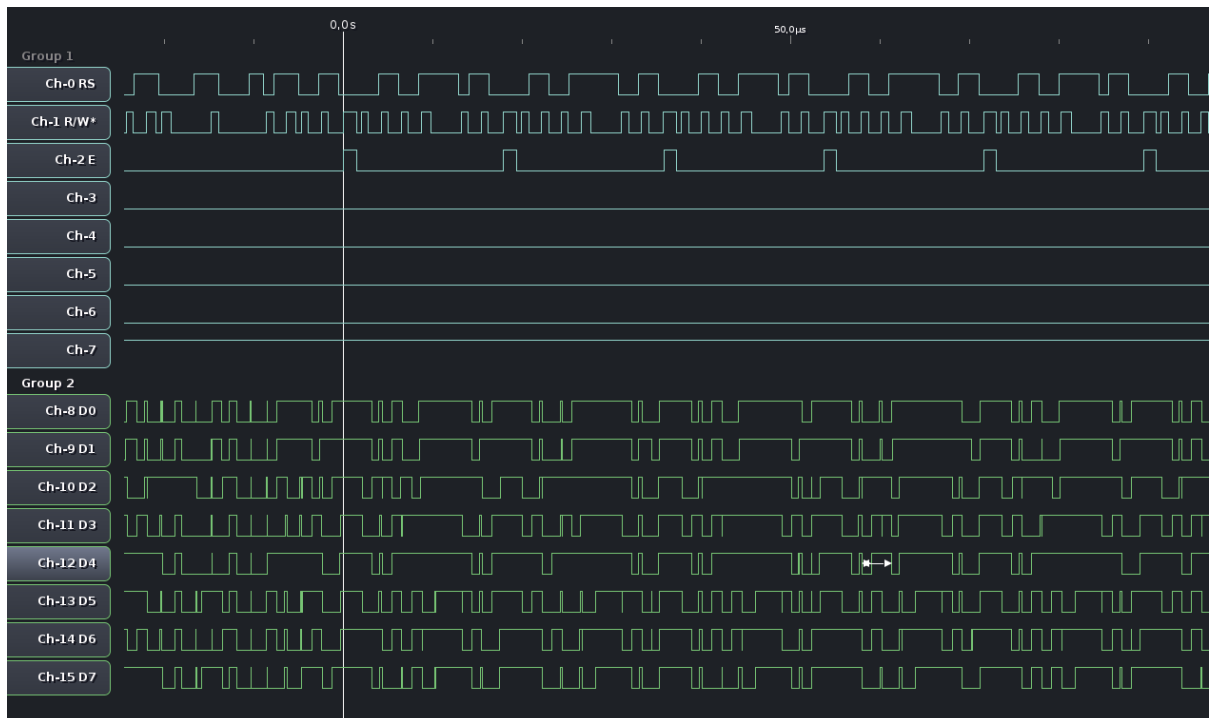
The version here is implemented and adapted to the MPF-I, but the hardware is virtually the same. The software is restructured a bit, but no real changes.

This implementation is different from most, like the Arduino interface & library, as it actually reads the busy flag from the HD44780 chip, instead of just waiting a bit after each command.





Usually I need the most advanced tools to find my trivial wiring errors. Below the working situation, but without display connected. The program keeps polling the status register.



- [Assembly source](#)
- [Assembly listing](#)
- [KiCAD schema](#)

External links:

- [Latest experimental code at github.](#)
- [Mikes original blog.](#)
- [Source code at github.](#)
- [Open Bench Logic Sniffer.](#)
- [Logic Analyser Client at github.](#)

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