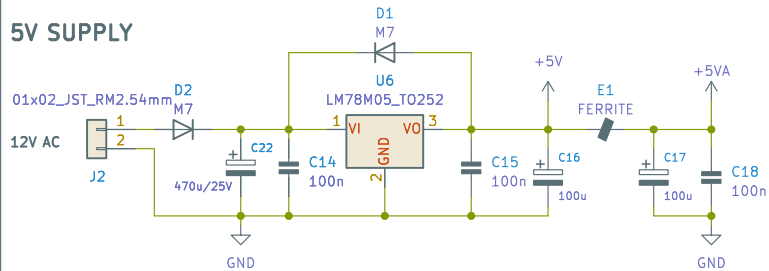
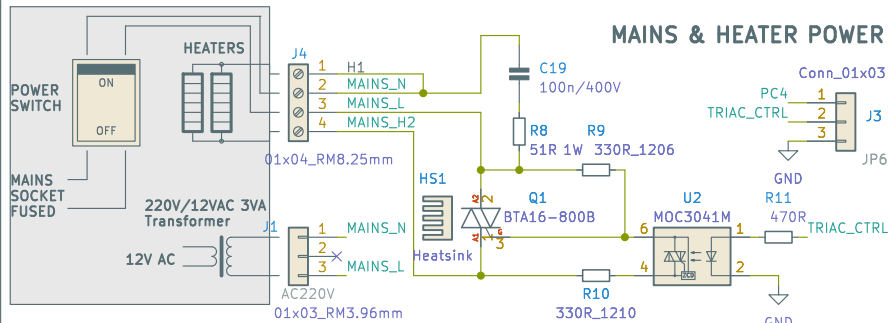


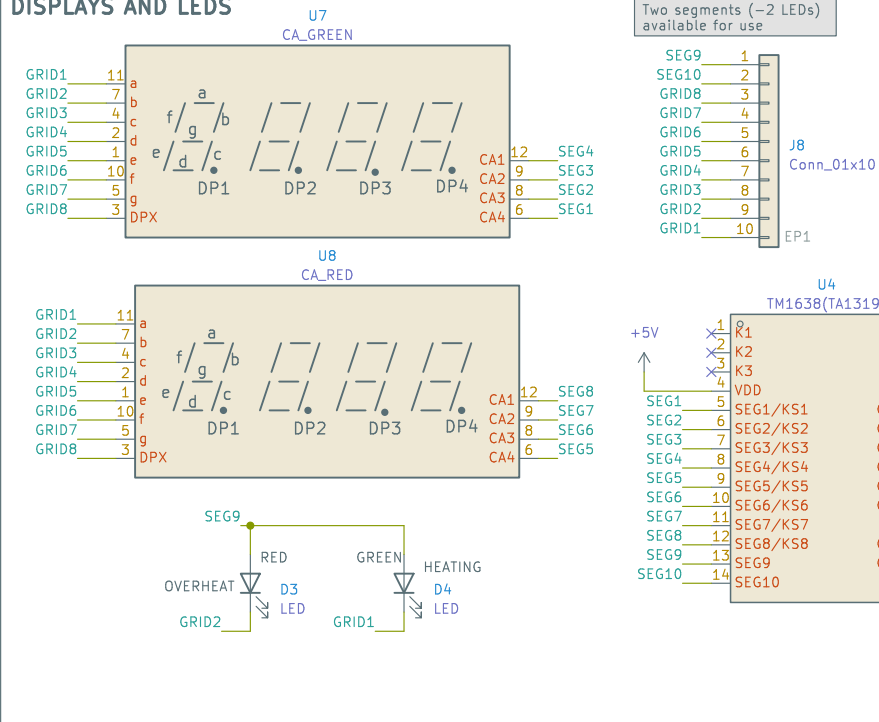
5V SUPPLY



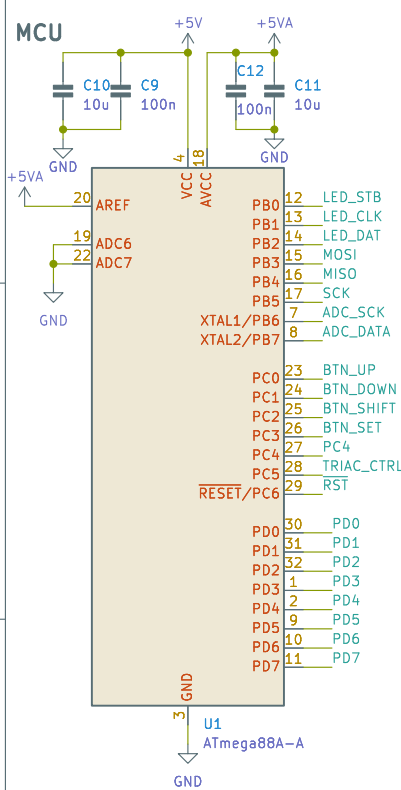
MAINS & HEATER POWER



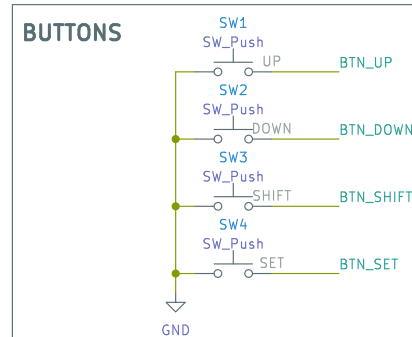
DISPLAYS AND LEDS



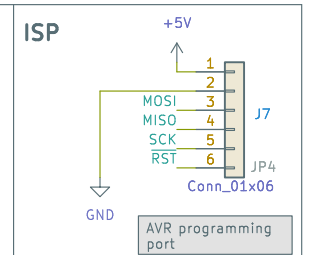
MCU



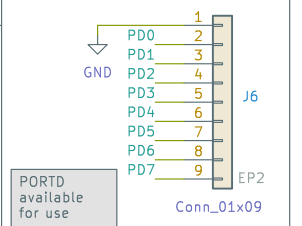
BUTTONS



ISP



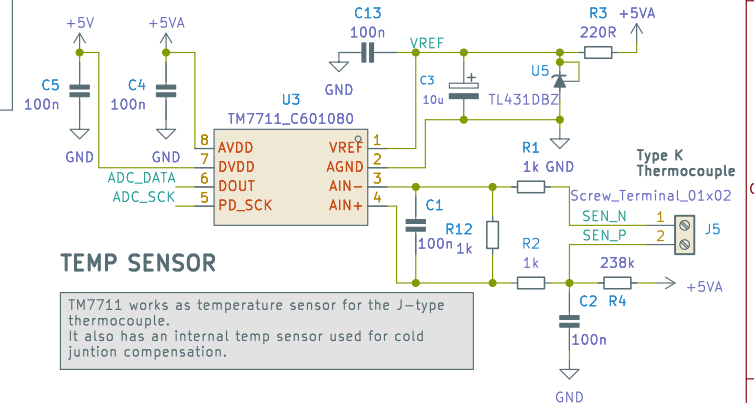
PORT D HEADER



Reverse engineered from a unit bought in 03.2023. There still might be errors in the schematic!

Use for experimenting and further development.

The main MCU can be replaced with common AtMega328P and programmed using the AVR-ISP.



TEMP SENSOR

TM7711 works as temperature sensor for the J-type thermocouple. It also has an internal temp sensor used for cold junction compensation.

P.Z.

HP-B100 PCB HOTPLATE

Sheet: /
File: BTH100_Hotplate.kicad_sch

Title: HP-B100 Hotplate

Size: A4
KiCad E.D.A. kicad 7.0.0-da2b9df05c-171-ubuntu22.04.1

Date: 2023-03-06

Rev: 1.0
Id: 1/1