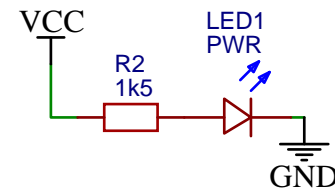
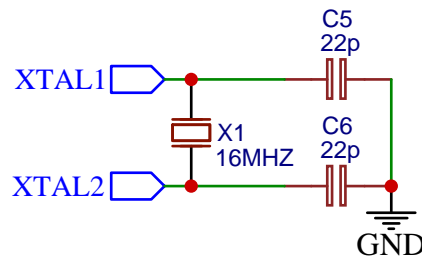
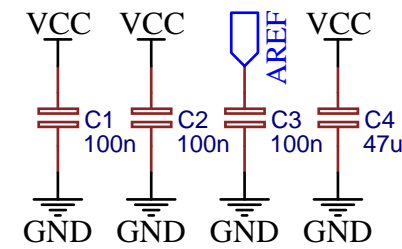
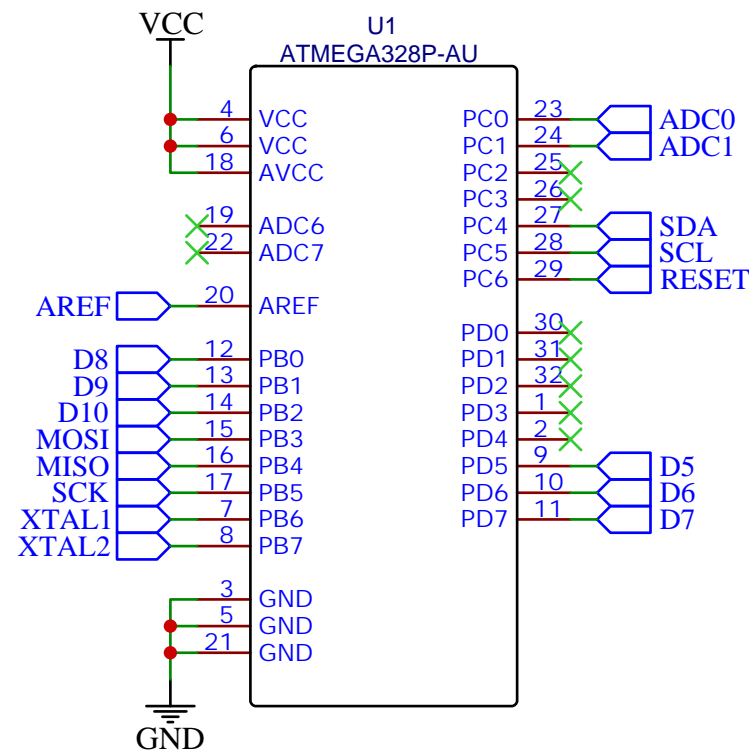
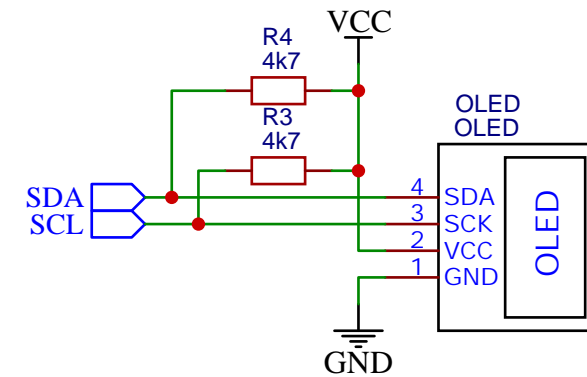


ERROR in the current revision: DO NOT USE D4 18V ZENER OR INPUT VOLTAGE MORE THAN 19V !!!

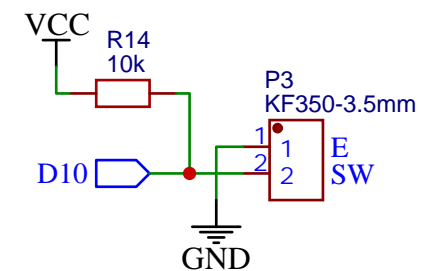
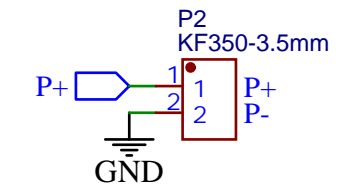
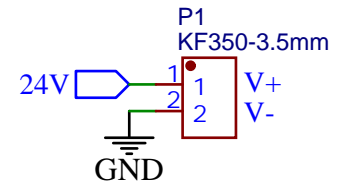
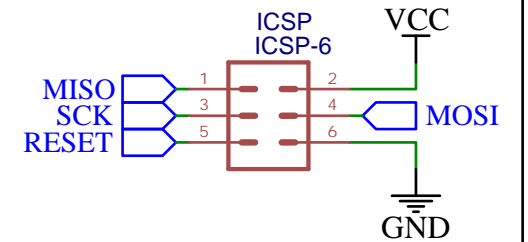
Microcontroller



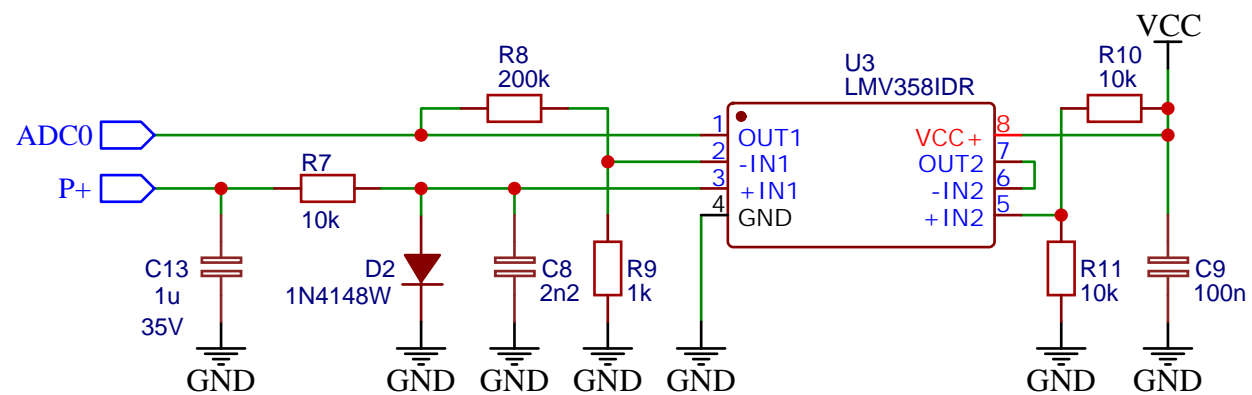
OLED Screen



Connectors

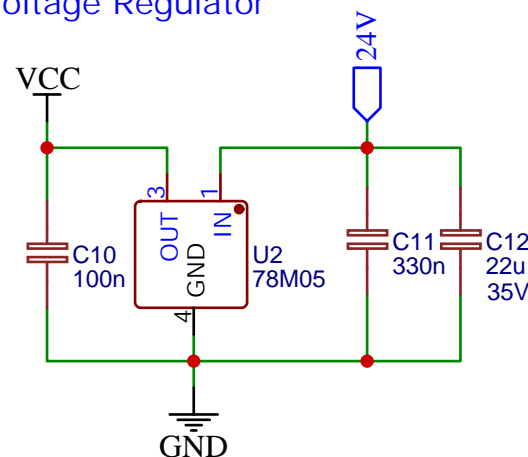


Thermocouple Amplifier

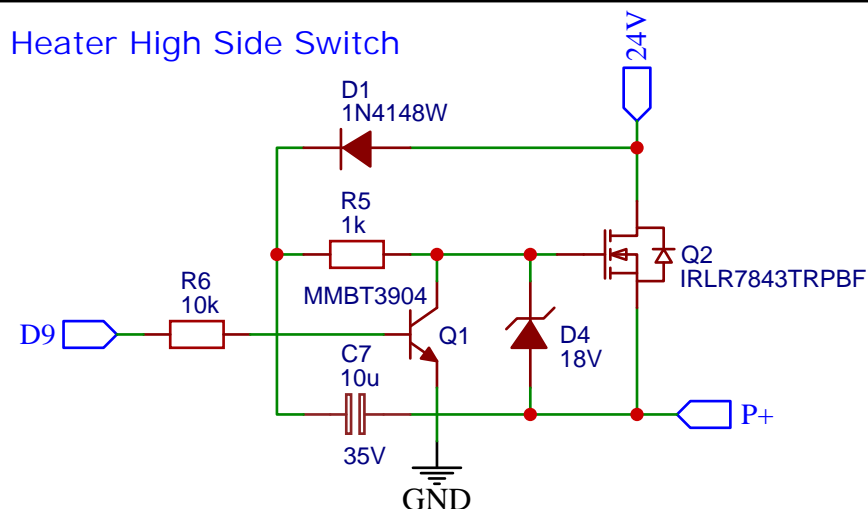


The LMV358IDR can be replaced by an OPA2330AIDR or an OPA2333AIDR which provide significantly more accurate and stable temperature measurements.

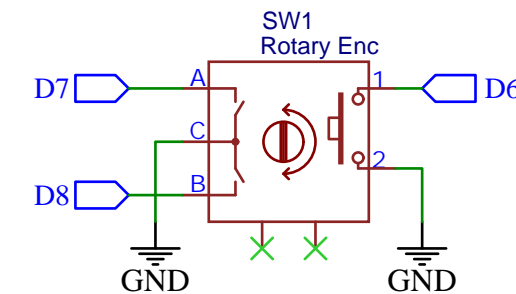
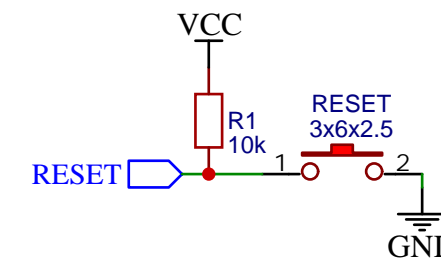
5V Voltage Regulator



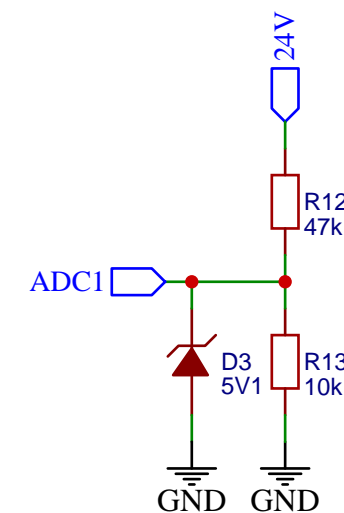
Heater High Side Switch



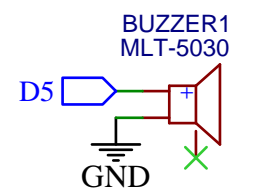
Buttons & Switches



Input Voltage Sensor



Buzzer



TITLE:

T12 Soldering Station

REV: 2.5

EasyEDA

Company: waginator

Sheet: 1/1

Date: 2019-06-08

Drawn By: Stefan Wagner