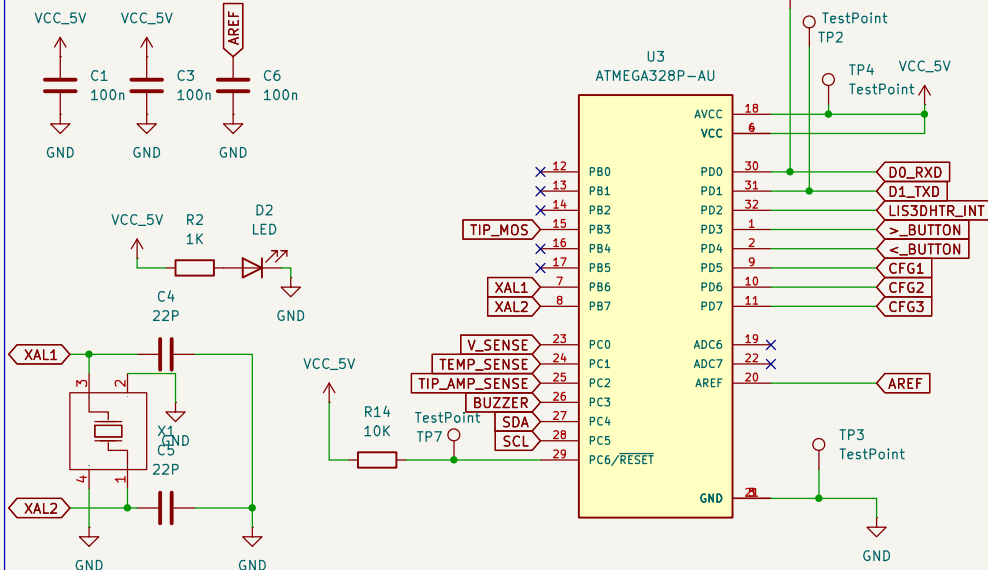
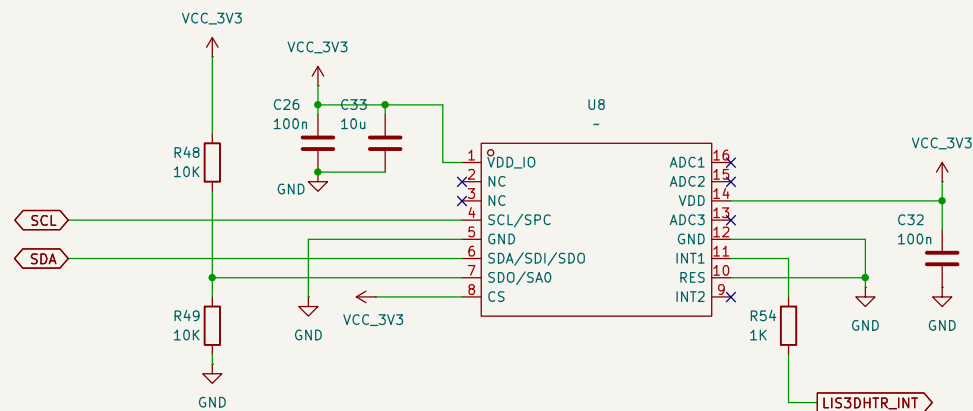


Atmega_328p-AU

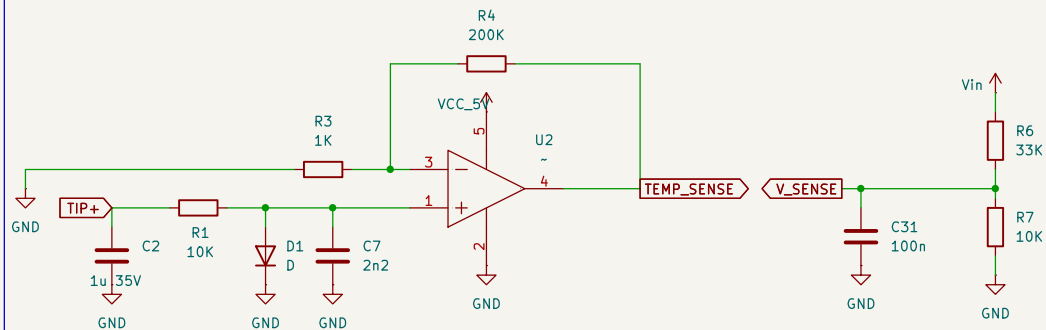


LIS3DHTR accelerometer



make sure the pullup on the arduino i2c is disabled before soldering LIS3DHTR

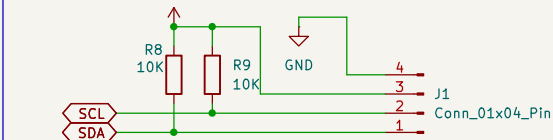
Voltage_Sense



*measure the thermocouple voltage from tip and amplify it
*turn off the tip power when measuring

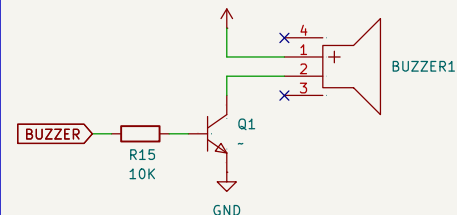
component values not confirmed

Display_oled_128*32

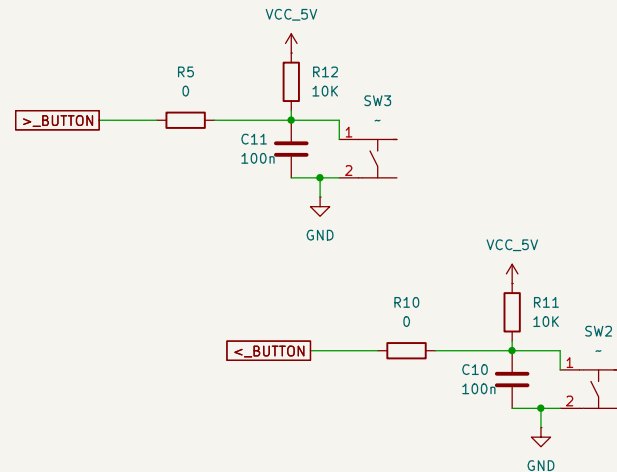


ssd1306_128*32 display connector only. avoided the bare display for simplicity

BUZZER



Buttons



Sheet: /
File: smart_soldering_iron_pd_only.kicad_sch

Title:

Size: A4
KiCad E.D.A. 9.0.4

Date:

Rev:
Id: 1/2

