# 1. A list of all the electronic components that will be soldered to your PCB

Microcontroller
XIAO-ESP32-C3

Touch capacitor
CAP1188-1-CP-TR

Heart rate sensor
MAX30102

Battery Cell
BT1 Single-cell battery

Switch
SW_DPST_x2

# 2. A screenshot of your circuit in the Schematic Editor window of KiCad
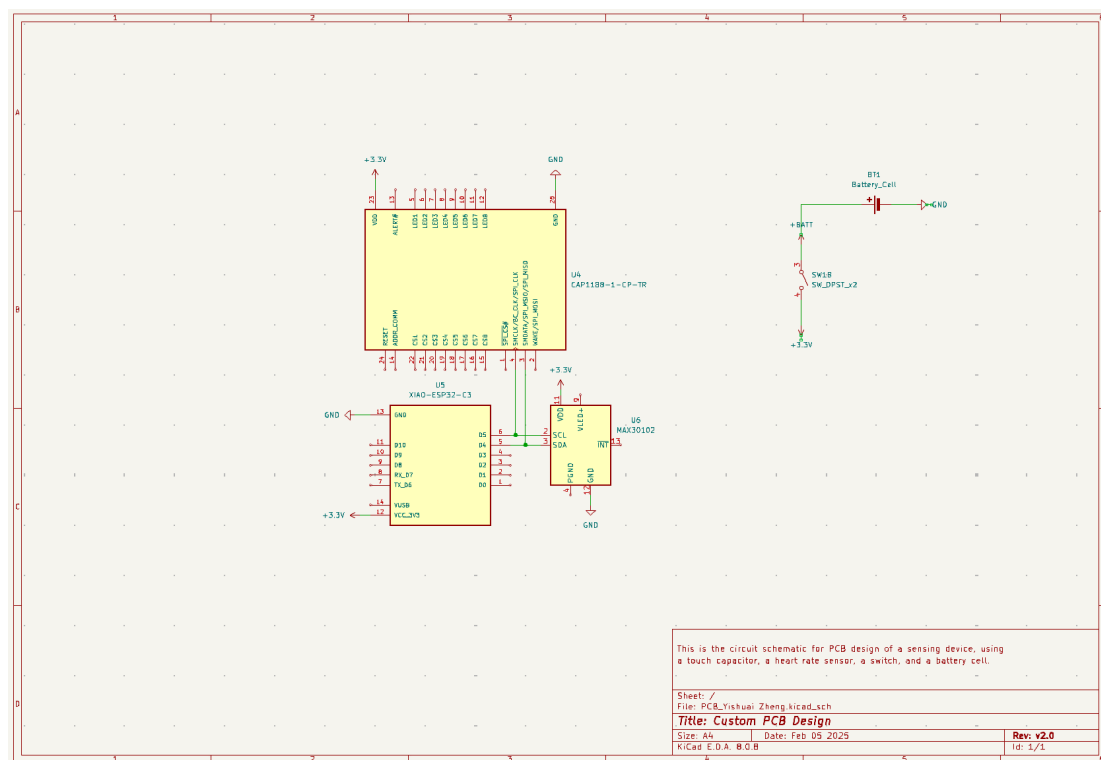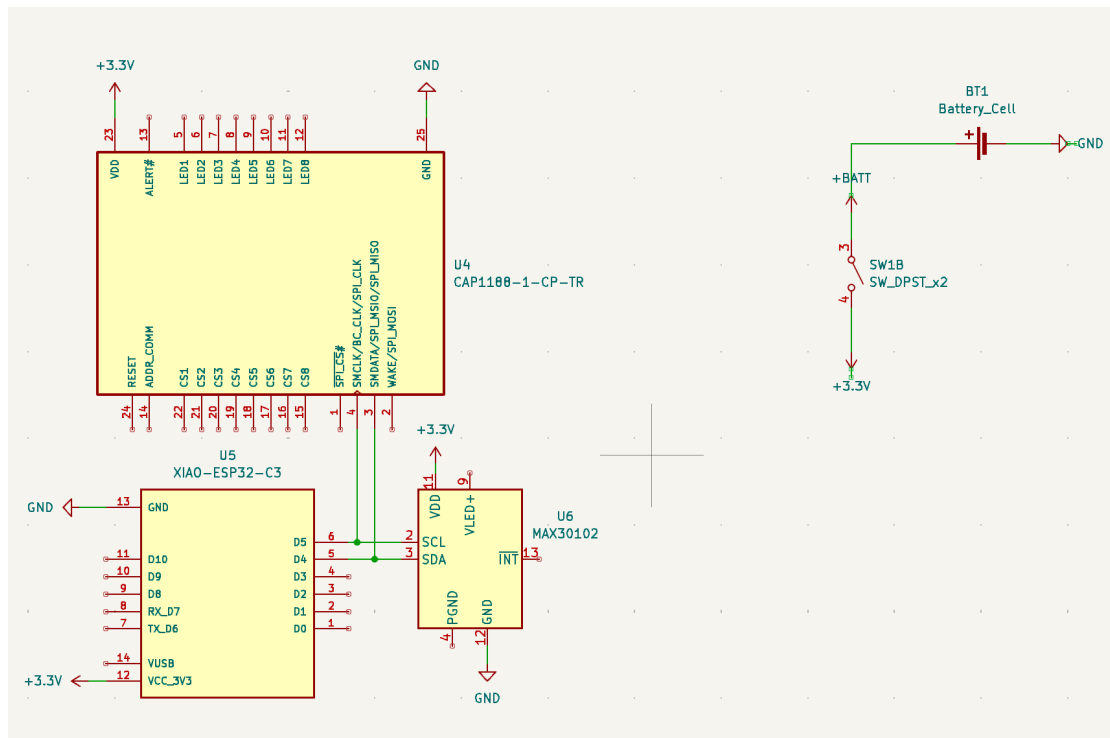


Figure 1.1 Schematic Editor Circuit in KiCAD

Figure 1.2 Schematic Editor Circuit in KiCAD (Zoom in)

I didn't use any resistors and capacitors as all the sensors and microcontroller in my device keep as 3.3V typ.

## 3. A screenshot of your circuit board in the PCB Editor window of KiCad
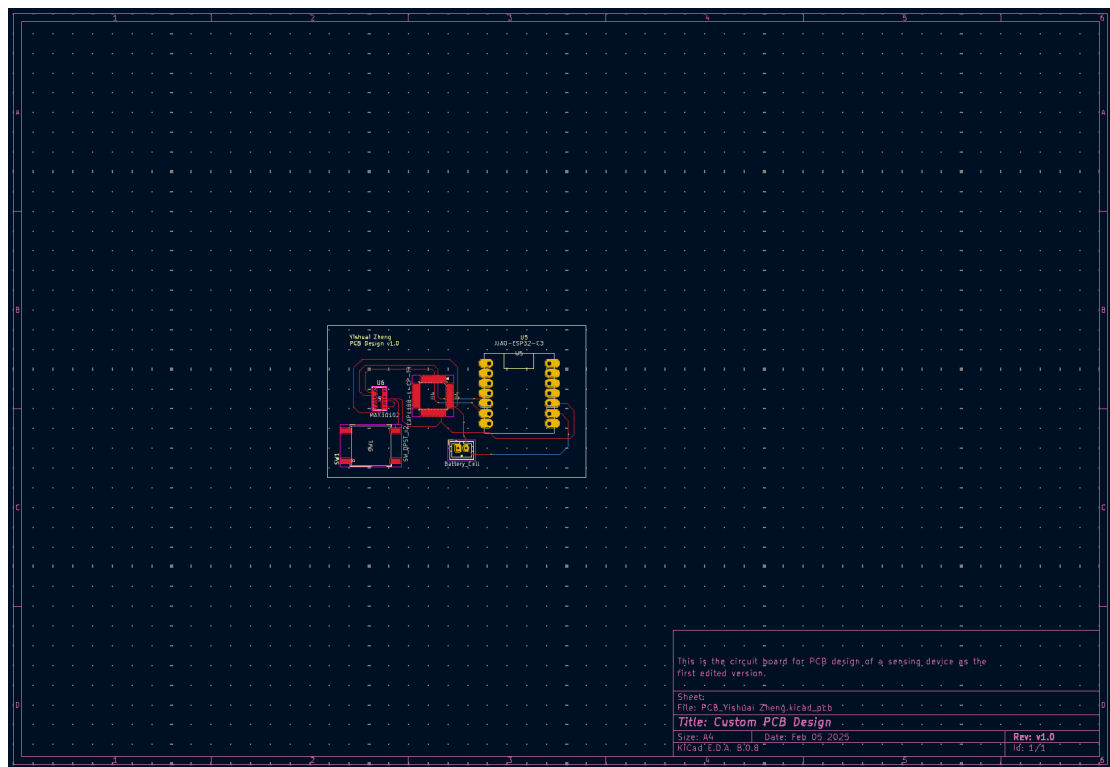


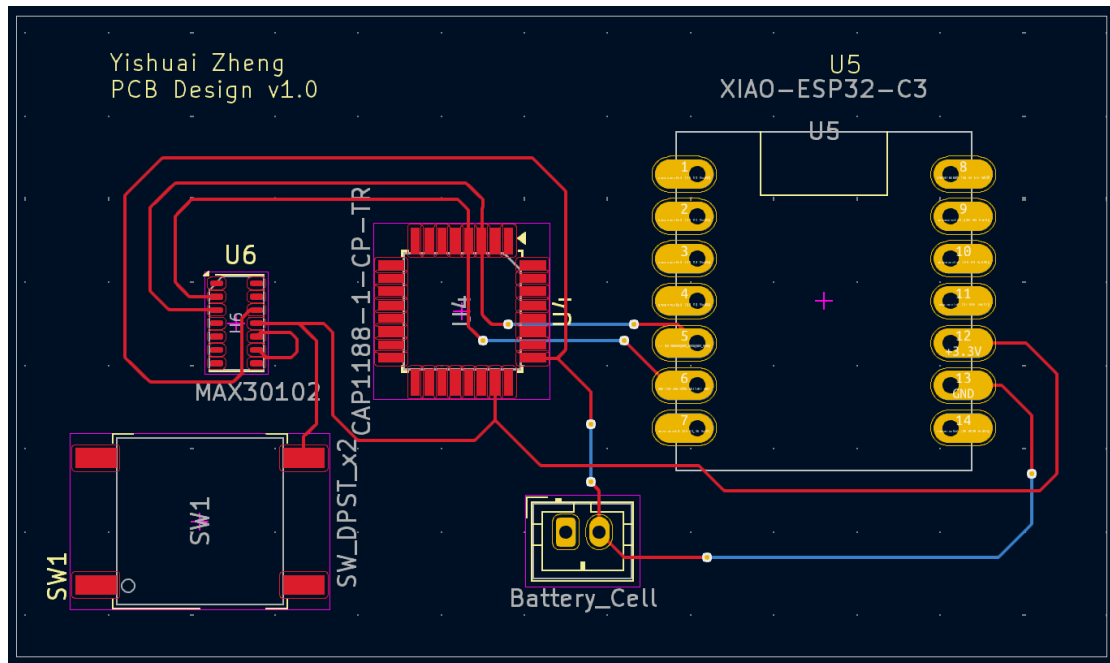Figure 2.1 PCB Editor Circuit Board in KiCAD
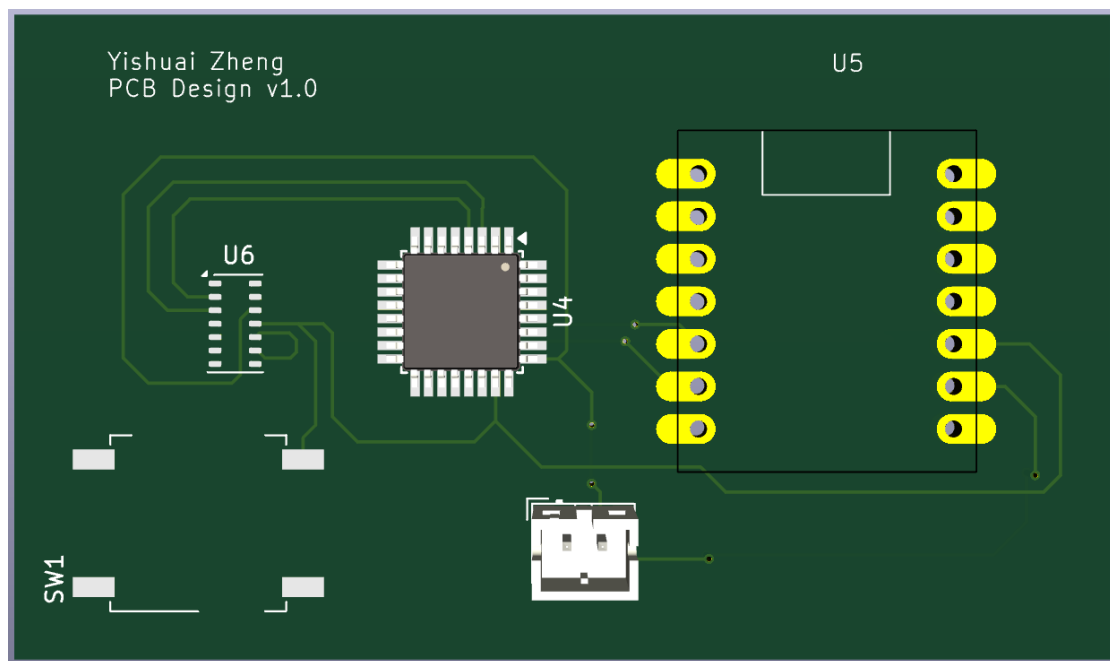
Figure 2.2 PCB Editor Circuit Board in KiCAD (Zoom in)



Figure 2.3 PCB Editor Circuit Board in KiCAD (3D View)