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

1. **A screenshot of your circuit in the Schematic Editor window of KiCad**

图示, 示意图

AI 生成的内容可能不正确。

**Figure 1.1 Schematic Editor Circuit in KiCAD**

图示, 示意图

AI 生成的内容可能不正确。

**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.

1. **A screenshot of your circuit board in the PCB Editor window of KiCad**

图形用户界面

AI 生成的内容可能不正确。

**Figure 2.1 PCB Editor Circuit Board in KiCAD**

图示, 示意图

AI 生成的内容可能不正确。

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

图示

AI 生成的内容可能不正确。

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