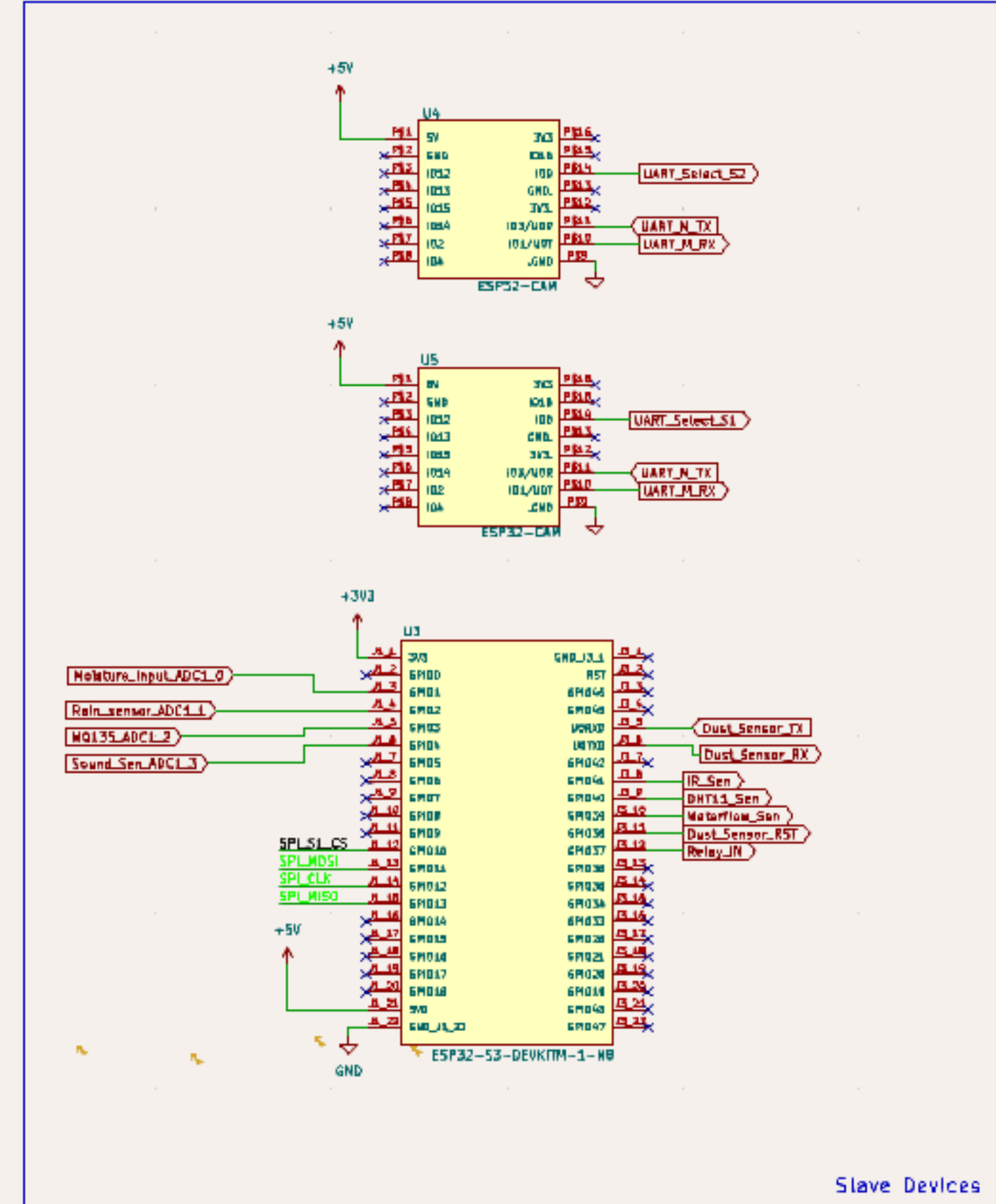
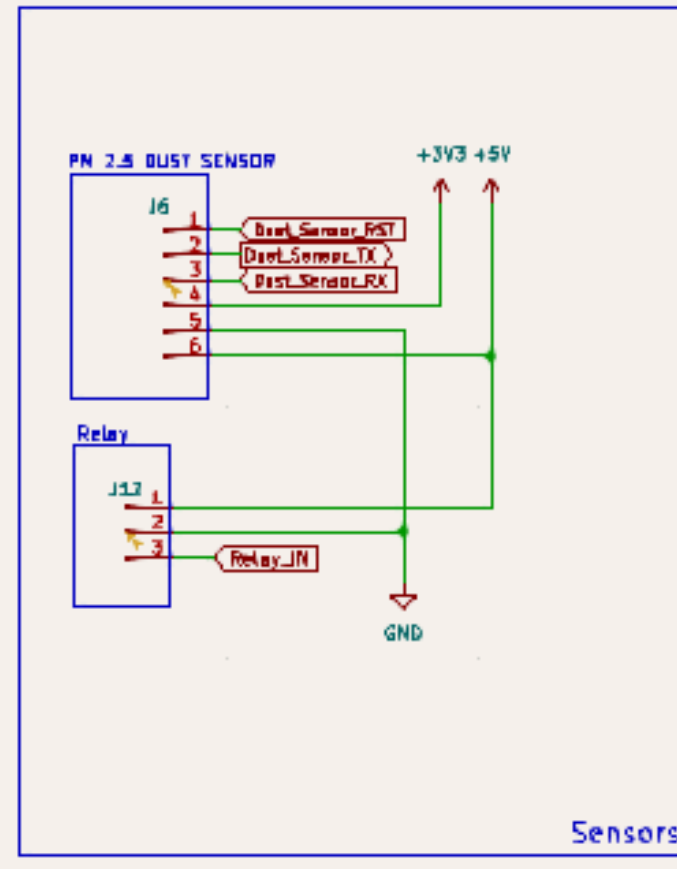
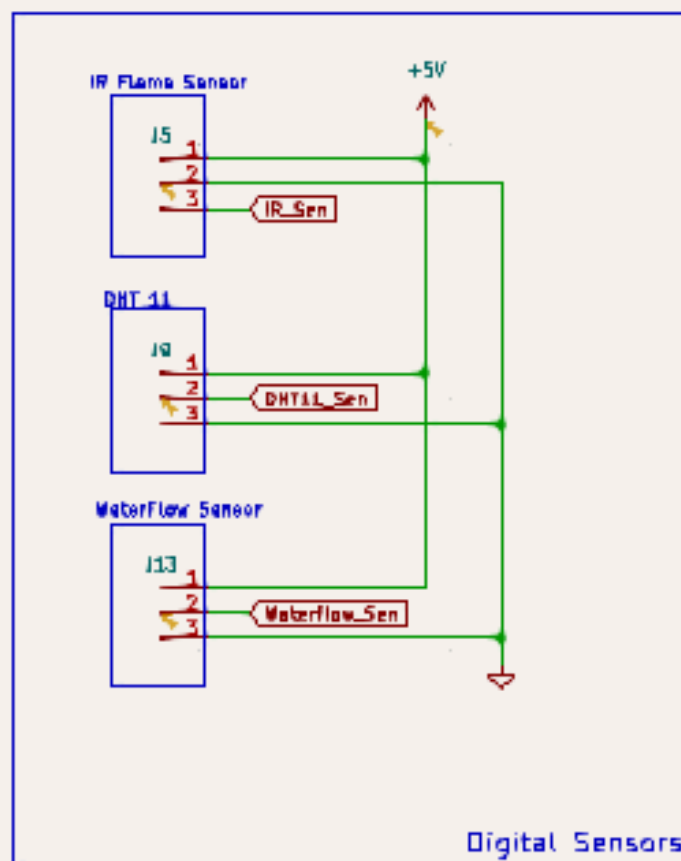
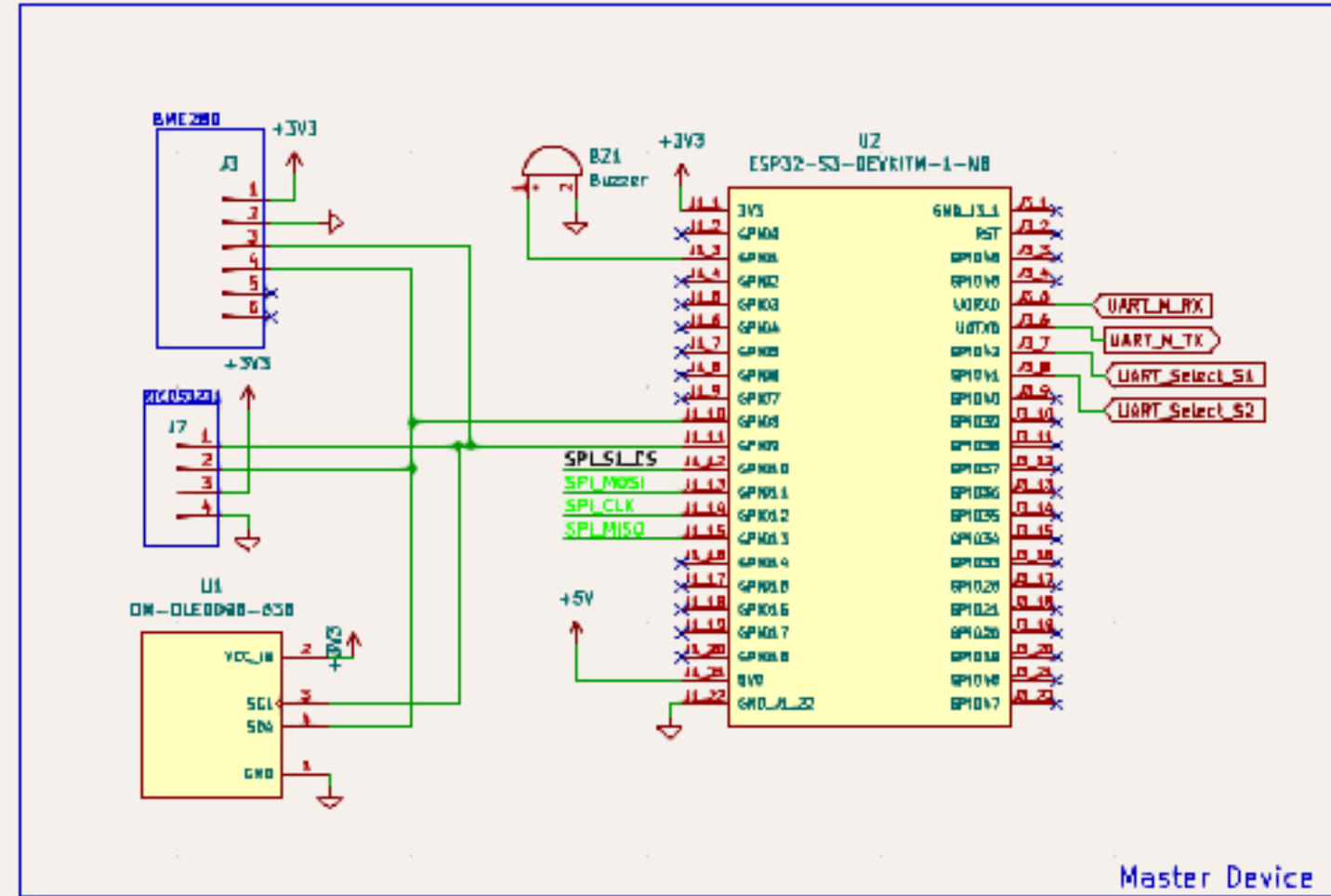
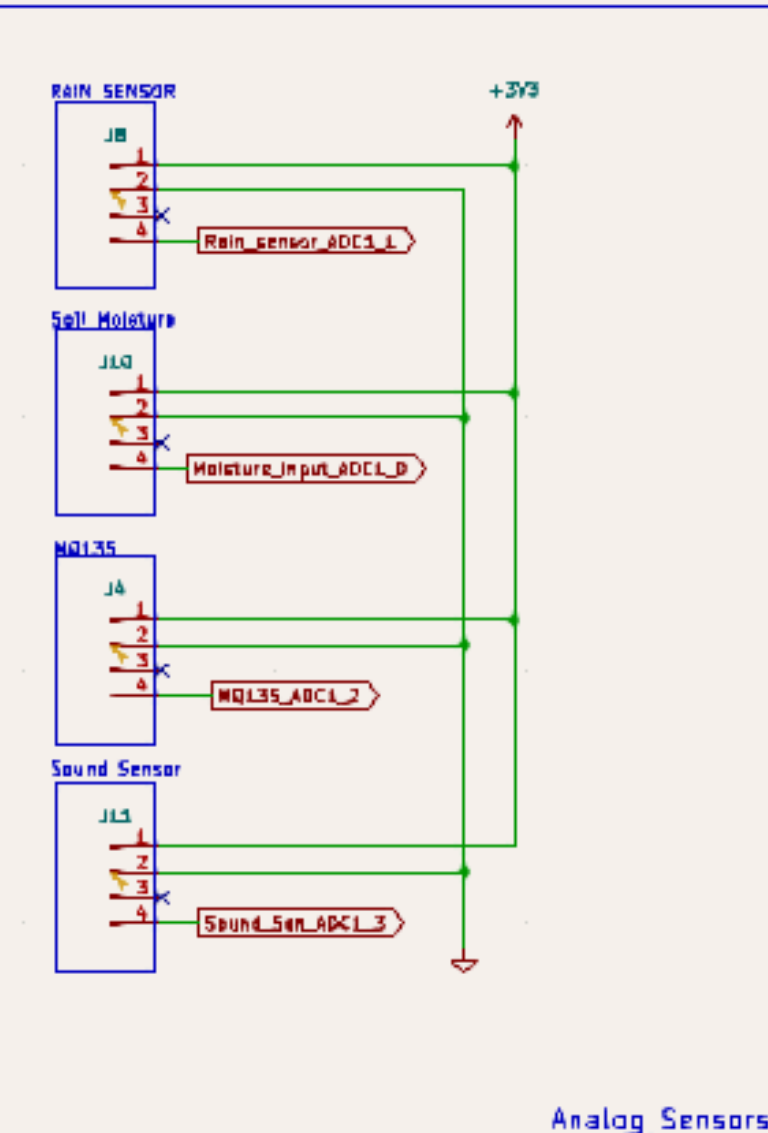
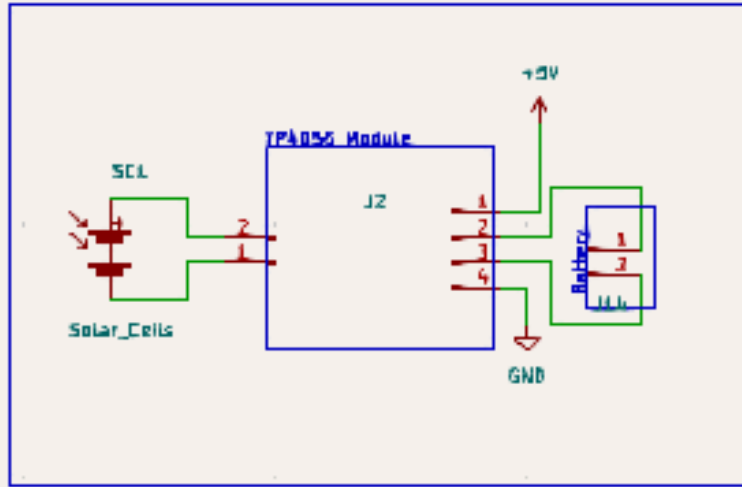
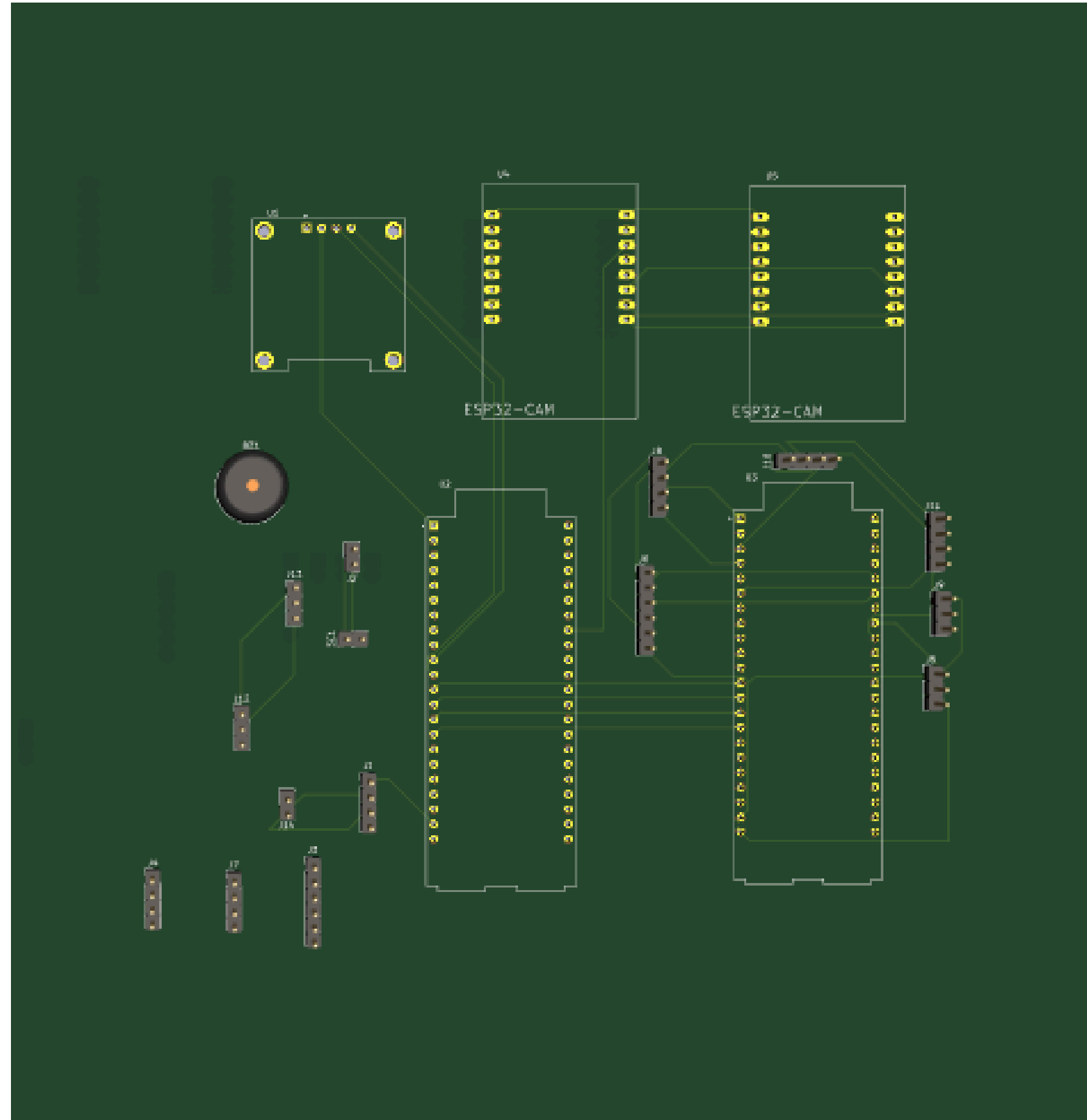


No.	Componenets	Sourcing Information
1	ESP32-S3 Dev Module	KiCAD
2	MQ-135 Gas Sensor	<a href="https://grabcad.com/library/tag/mq135">https://grabcad.com/library/tag/mq135</a>
3	Sound Sensor Module	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
4	OLED Display	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
5	BME280 Environmental Sensor	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
6	Solar Panel	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
7	Rechargeable Module (TP4056)	<a href="https://www.snapeda.com/parts/TP4056/Nanjing%20Top%20Power%20ASIC%20Corp./view-part/">https://www.snapeda.com/parts/TP4056/Nanjing%20Top%20Power%20ASIC%20Corp./view-part/</a>
8	IR Flame Sensor	<a href="https://grabcad.com/library/ir-sensor-7">https://grabcad.com/library/ir-sensor-7</a>

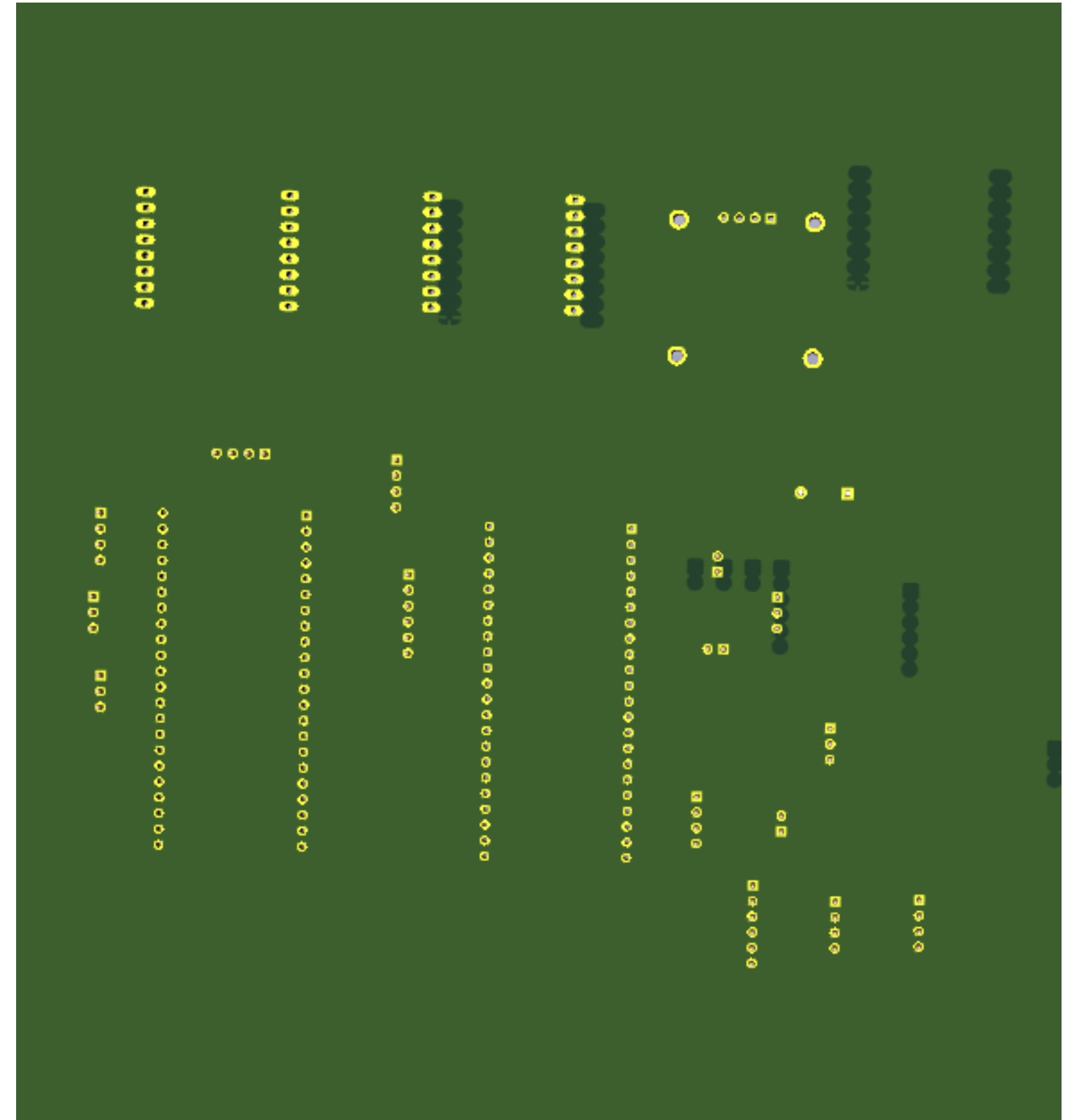
No.	Componenets	Sourcing Information
9	Battery 3.7v 2500mAh 18560	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
10	Voltage Booster	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
11	Dust Sensor	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
12	Hall Effect Sensor	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
13	MAX471 Current and Voltage Sensor	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
14	Water Flow Sensor 2.5	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
15	DHT 11 Temperature and Humidity Sensor	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
16	Soil Moisture Sensor	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>

No.	Componenets	Sourcing Information
17	Relay Module	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
18	Rain Sensor	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>
19	RTC DS3231 module	<a href="https://www.snapeda.com/">https://www.snapeda.com/</a>





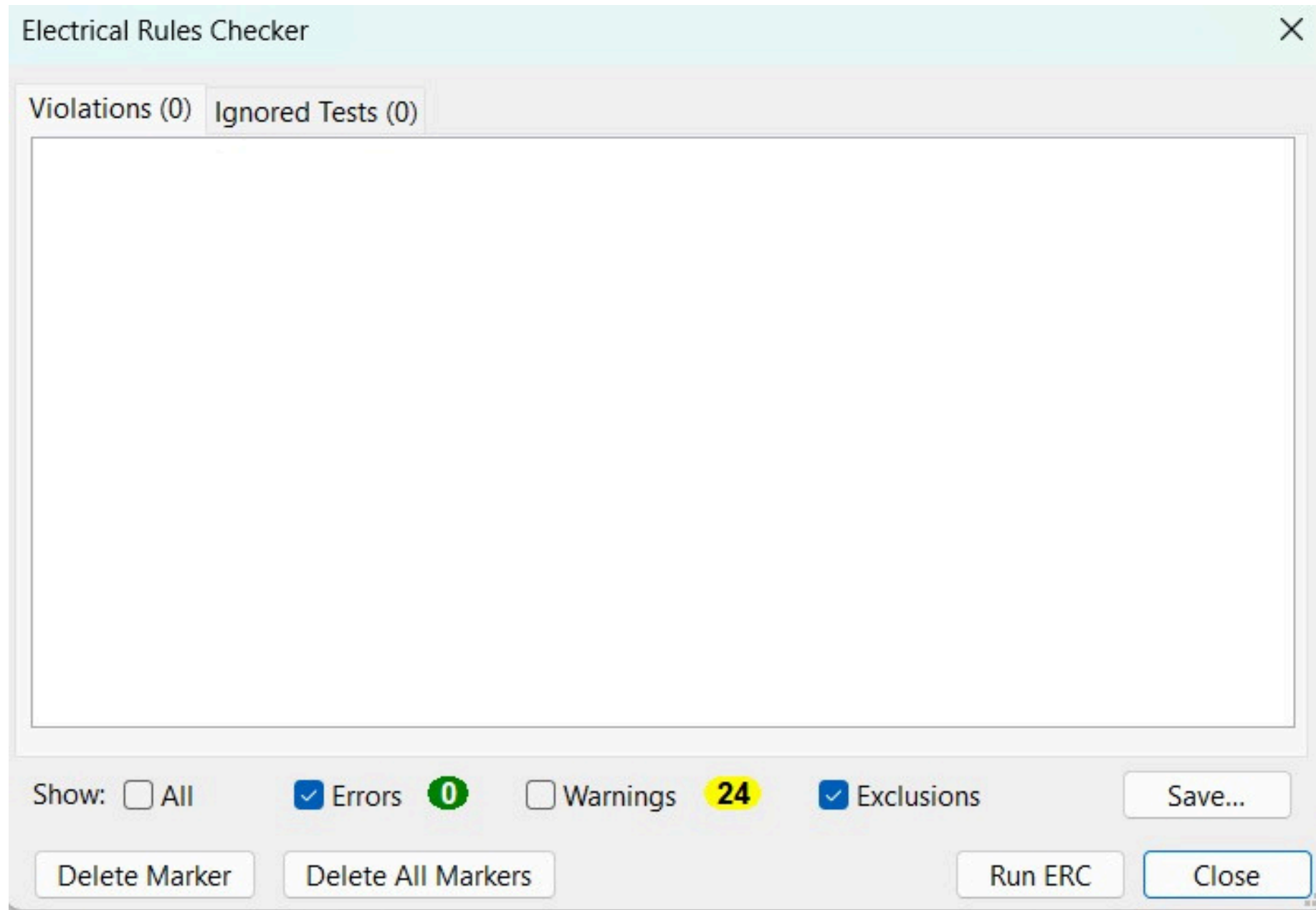
Front Copper Layer



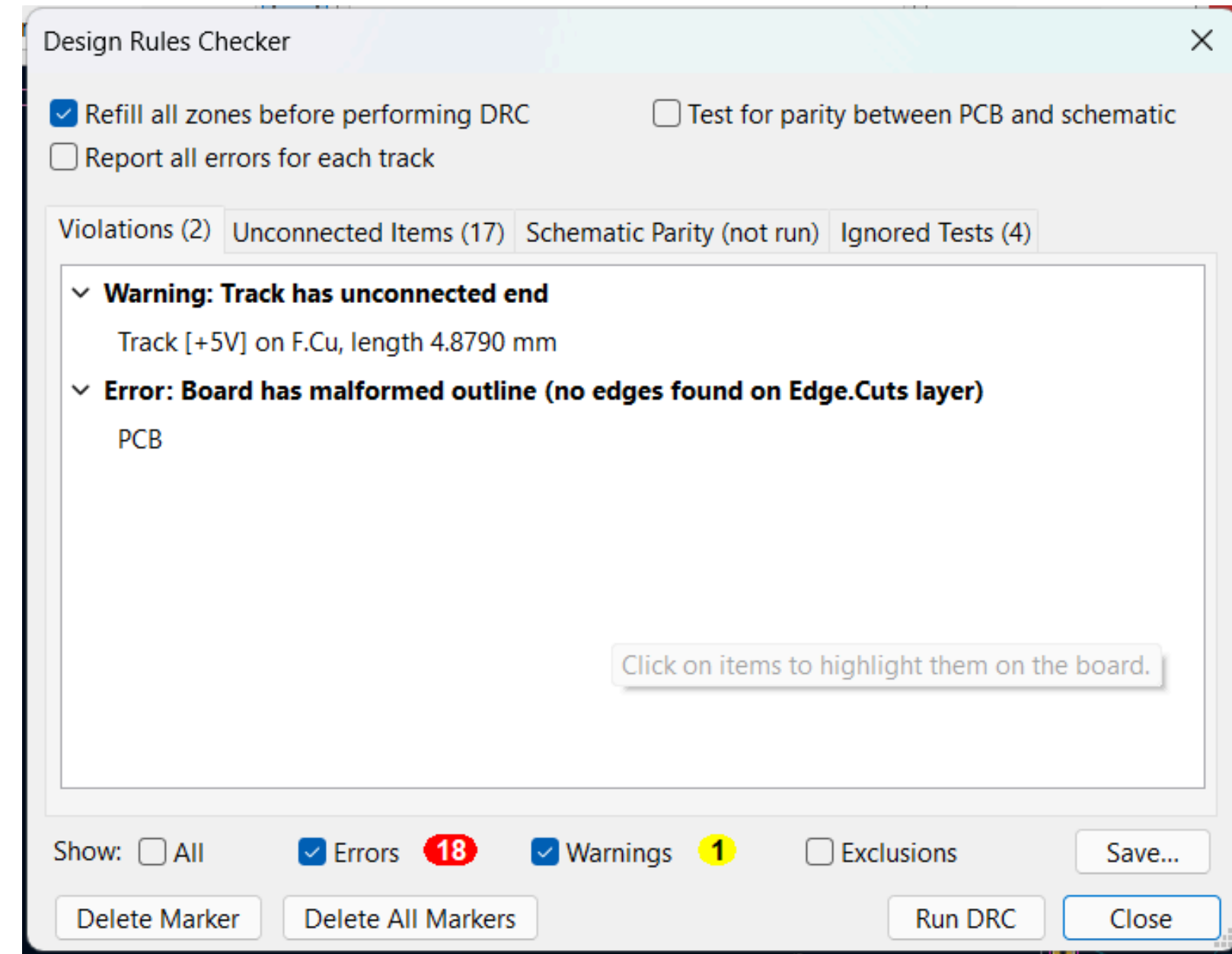
Back Copper Layer



## Electric Rule Check



## Design Rule Check



# Casing made for PCB in Fusion 360

