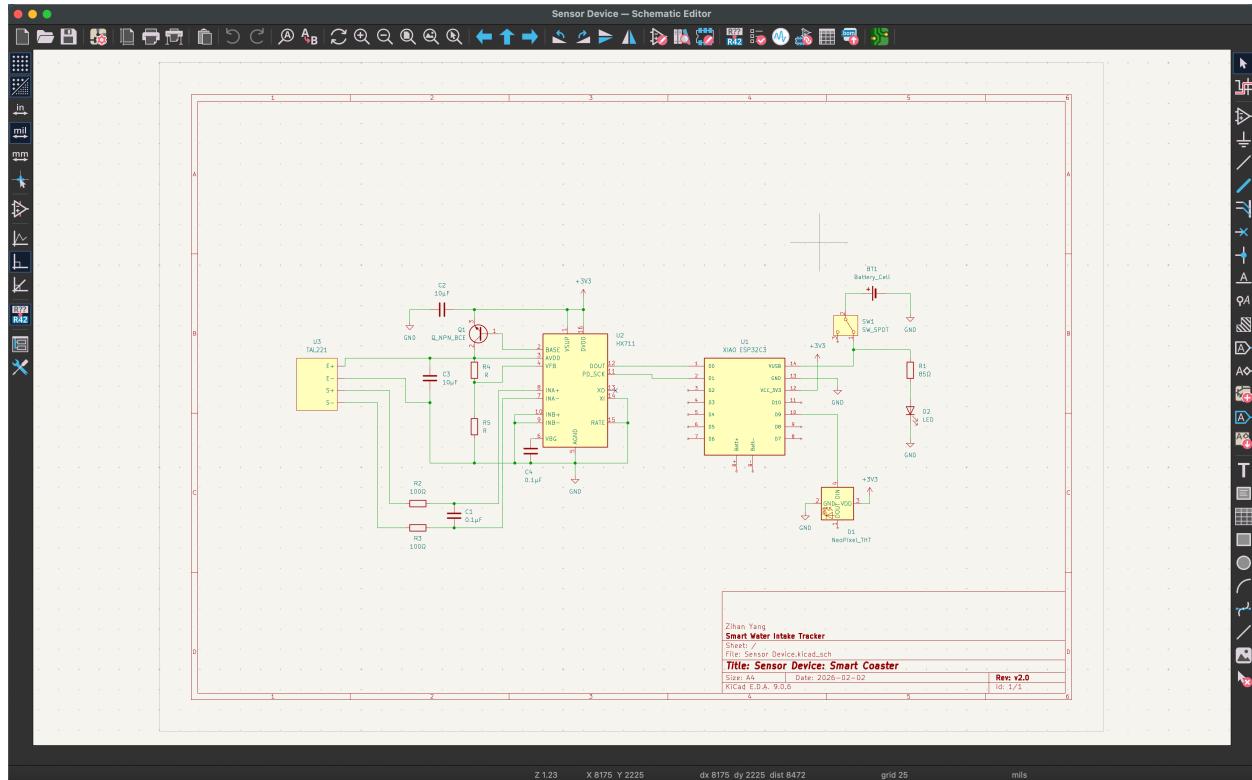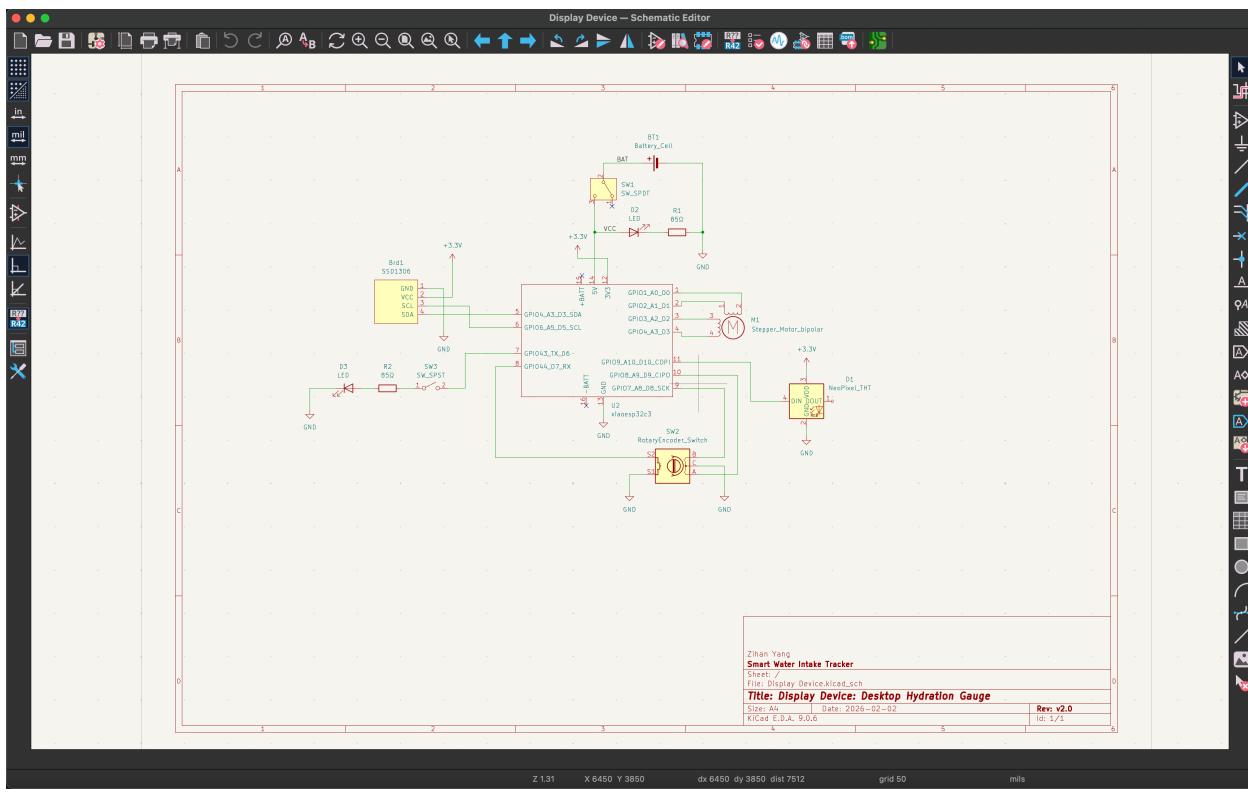# Custom PCB Design

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

Reference	Qty	Value	DNP	Exclude from BOM	Exclude from Board	Footprint
Brd1	1	SSD1306				SSD1306:128x64OLED
BT1	1	Battery_Cell				Connector_PinSocket_2.54mm:PinSocket_1x02_P2.54mm_Vertical
D1	1	NeoPixel_THT				Connector_PinSocket_2.54mm:PinSocket_1x04_P2.54mm_Vertical
D2,D3	2	LED				LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
M1	1	Stepper_Motor_bipolar				x27_Footprint:x27_stepper
R1,R2	2	85Ω				Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
SW1	1	SW_SPDT				Connector_PinSocket_2.54mm:PinSocket_1x03_P2.54mm_Vertical
SW2	1	RotaryEncoder_Switch				Rotary_Encoder:RotaryEncoder_Alps_EC11E-Switch_Vertical_H20mm
SW3	1	SW_SPST				Connector_PinSocket_2.54mm:PinSocket_1x02_P2.54mm_Vertical
U2	1	xiaoesp32c3				GIX_ESP32:XIAO_ESP32

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

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