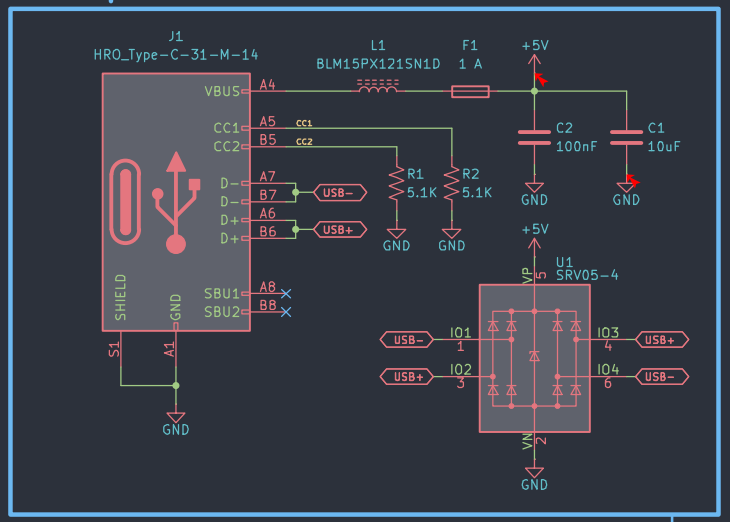
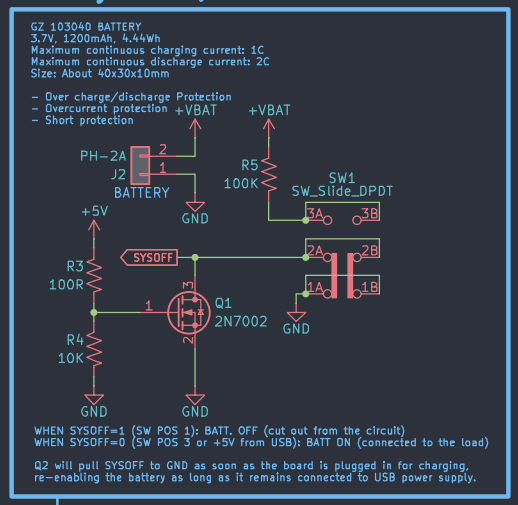
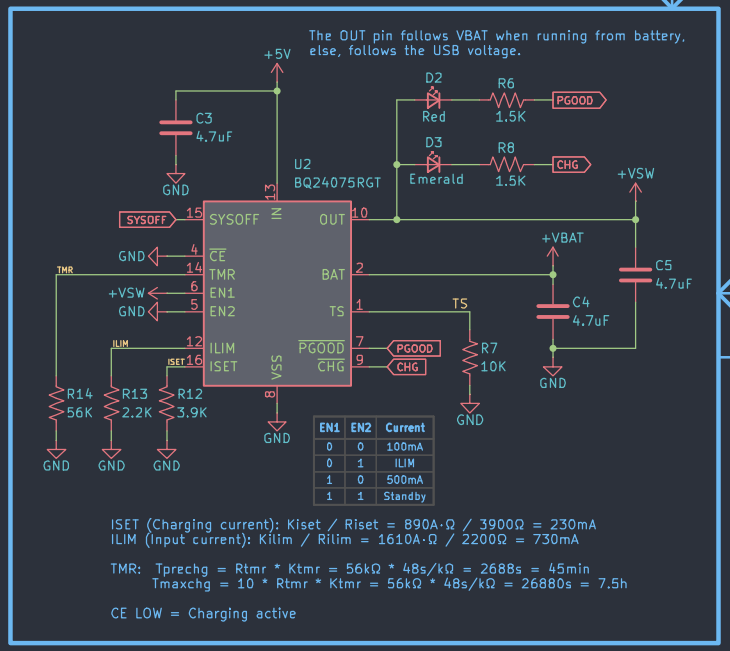
USB Input



Battery & ON/OFF Switch

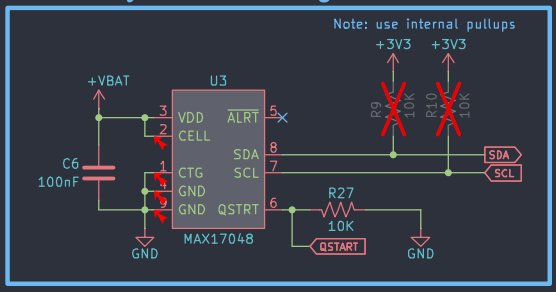


Battery Charging / Input Voltage Handling

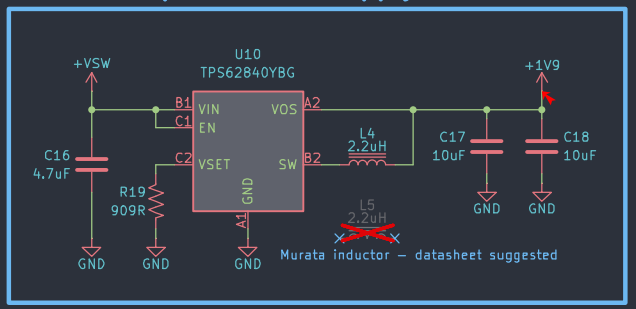


EN1	EN2	Current
0	0	100mA
0	1	ILIM
1	0	500mA
1	1	Standby

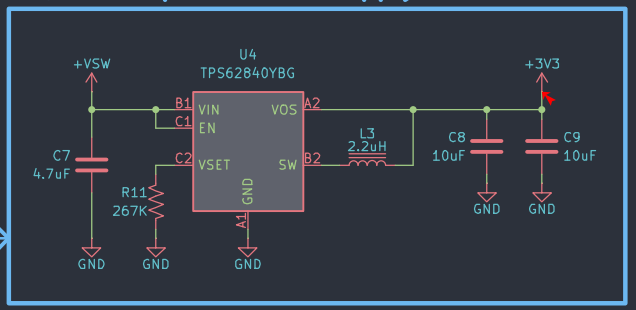
Battery % Monitoring



DC/DC Stepdown 1V9 Supply



DC/DC Stepdown 3V3 Supply



Triungulo Lab

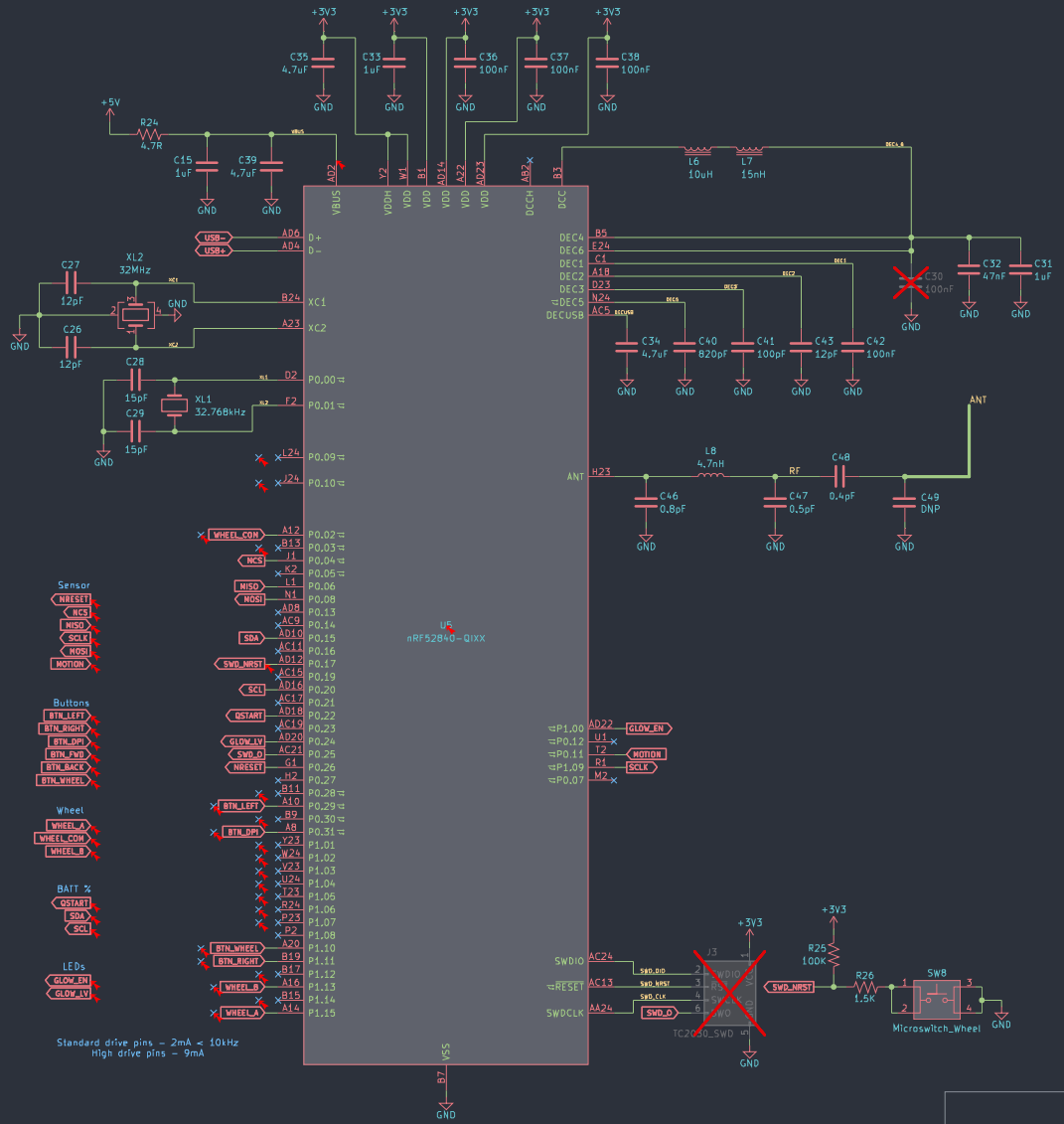
Sheet: /Power_managment/

File: Power_managment.kicad_sch

Title: Cenere Mouse

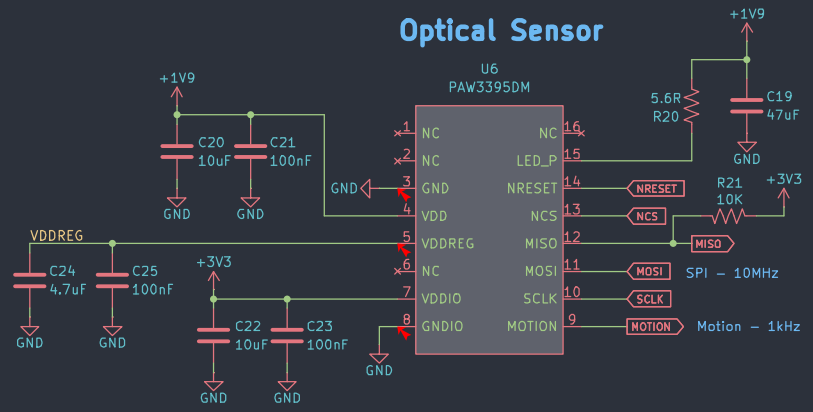
Size: A4	Date: 2025-08-22	Rev: 1
KiCad E.D.A. 9.0.3		Id: 2/4

MICROCONTROLLER NRF52840

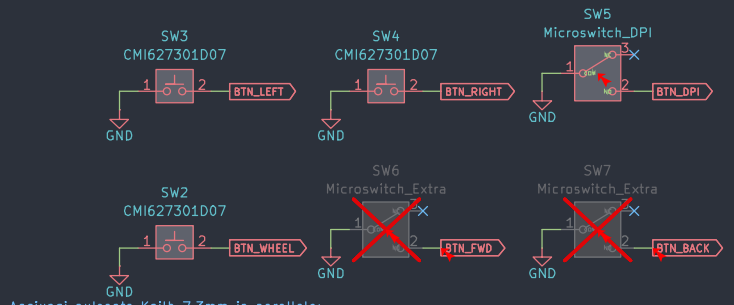


Triungulo Lab		
Sheet: /Microcontroller/		
File: Microcontroller.kicad_sch		
Title: Cenere Mouse		
Size: A3	Date: 2025-08-22	Rev: 1
KiCad E.D.A. 9.0.3		Id: 3/4

Optical Sensor

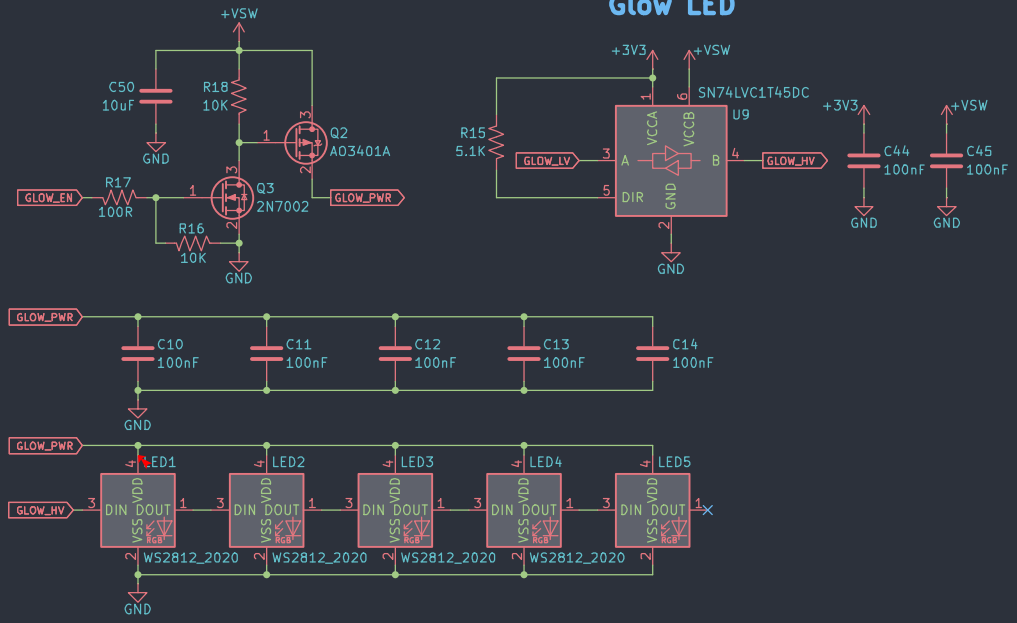


Buttons

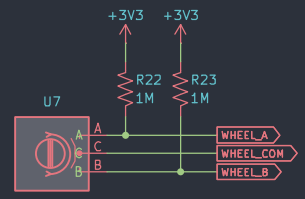


Aggiungi pulsante Kailh 7.3mm in parallelo;
In tal caso, usa encoder da 10mm.

Glow LED



Scroll Wheel



TTC/Kailh Encoder E103

Triungulo Lab		
Sheet: /Misc/		
File: Misc.kicad_sch		
Title: Cenere Mouse		
Size: A4	Date: 2025-08-22	Rev: 1
KiCad E.D.A. 9.0.3		Id: 4/4