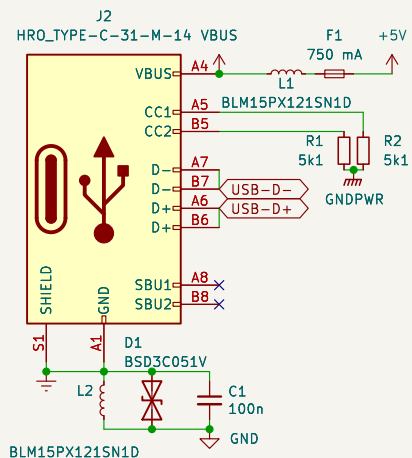
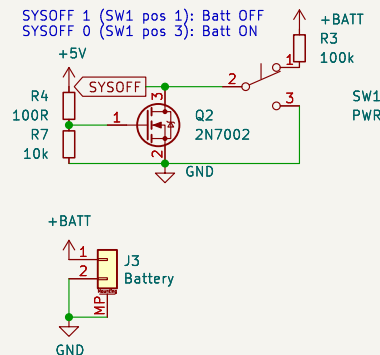
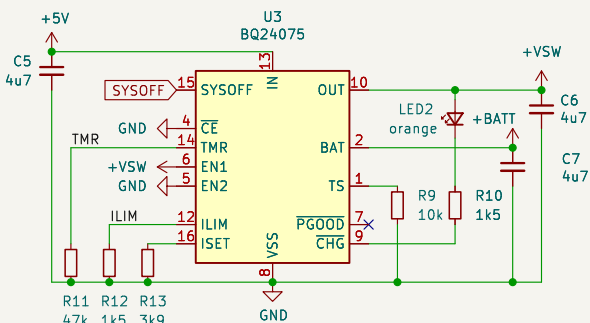


USB connectors and protections

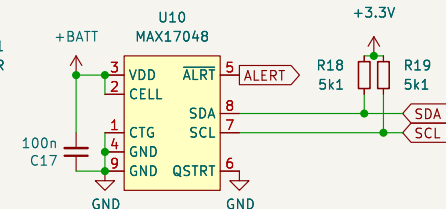


Battery management (advanced)

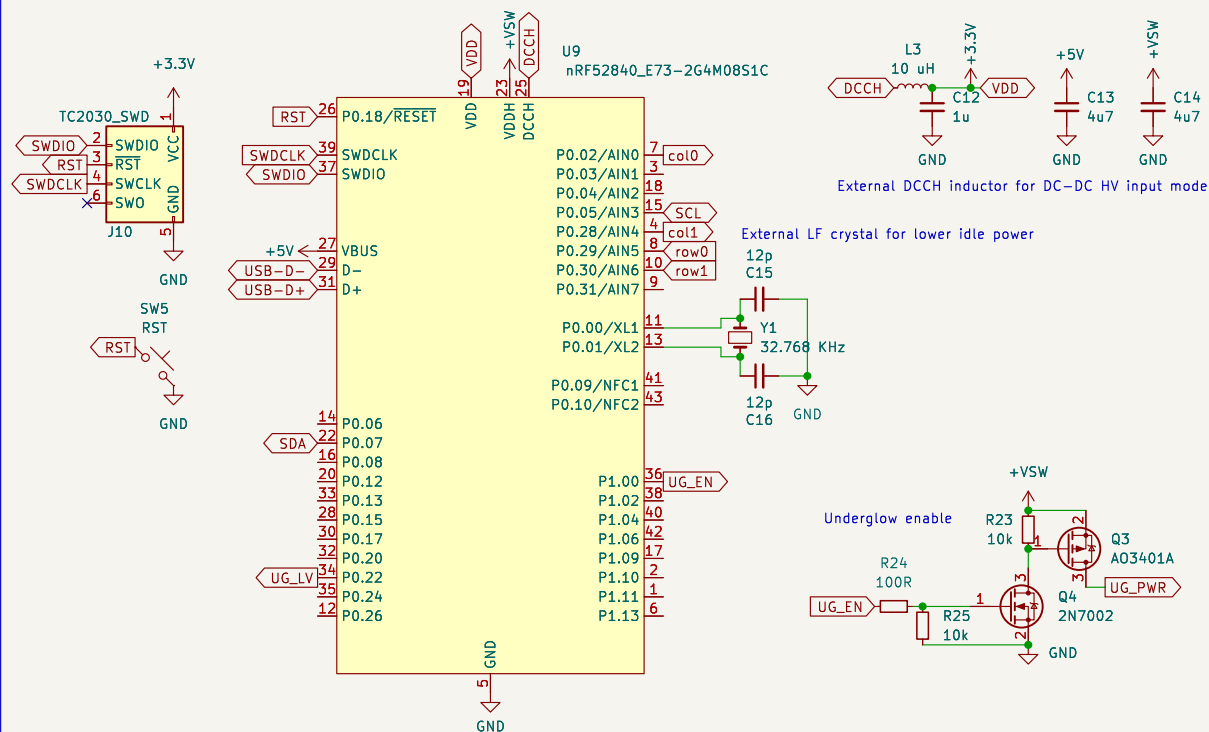
TMR: $(10 \times 48 \text{ s/kOhm}) \cdot 47 \text{ kOhm} = 22560 \text{ s} = 6.27 \text{ h}$
 ILIM: $1550 \text{ AOhm} / 1500 \text{ Ohm} = 1.03 \text{ A} = 1030 \text{ mA}$
 ISET: $890 \text{ AOhm} / 3900 \text{ Ohm} = 0.228 \text{ A} = 230 \text{ mA}$
 EN1: 1, EN2: 0 = 475 mA MAX
 TS: 10 kOhm to GND = no OTP



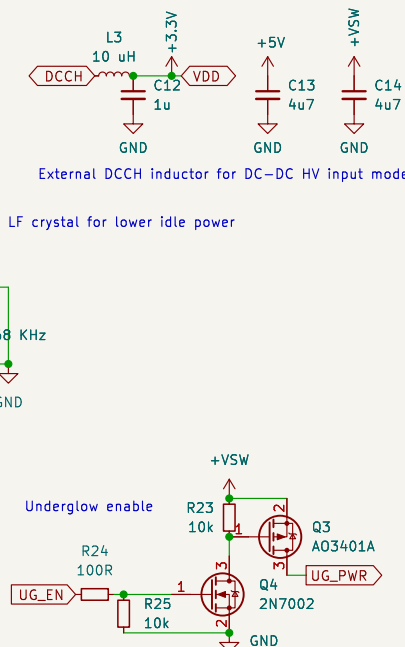
Voltage sensing (advanced)



MCU section (ebyte E73-2G4M08S1C)



IO connectors



Sheet: /
File: tiny-wing.kicad_sch

Title:

Size: A4	Date:
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Rev:
Id: 1/1