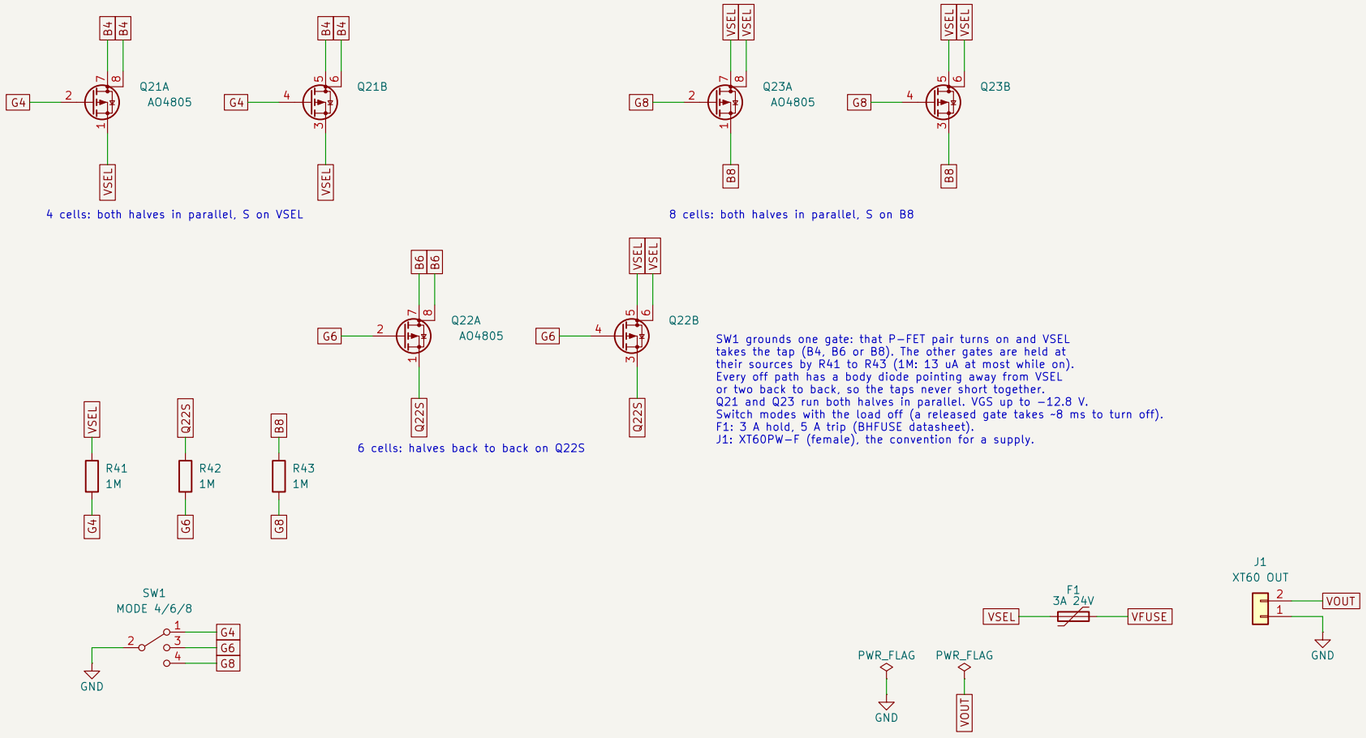
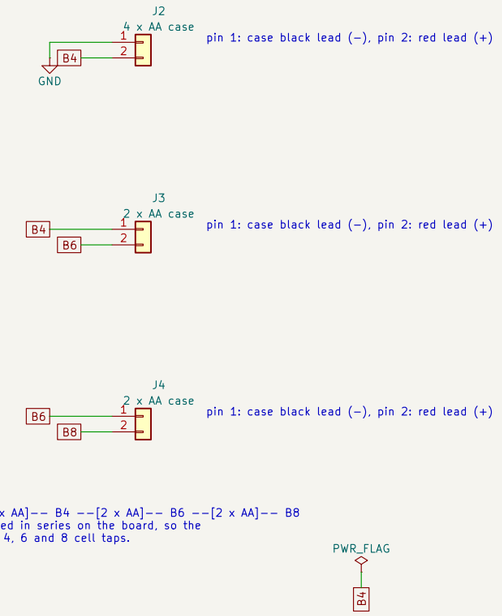
A. 4 / 6 / 8 cell selector and XT60 output

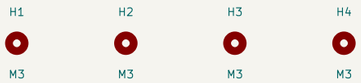


B. Battery cases: 4 x AA + 2 x AA + 2 x AA in series

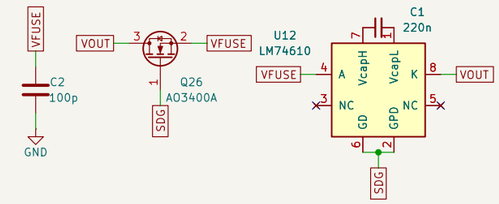


Notes

1. Cells: 8 x AA (alkaline 1.5 V or NiMH 1.2 V) in three cases in series, B0 = GND to B8. Output 4.8 to 12.8 V at up to 3 A (F1), set by SW1.
2. Power nets (Power netclass): GND, B4, B6, B8, VSEL, Q22S, VFUSE, VOUT.
3. Idle drain: SW1 gate resistor, 13 uA at most; sections C and D nothing.



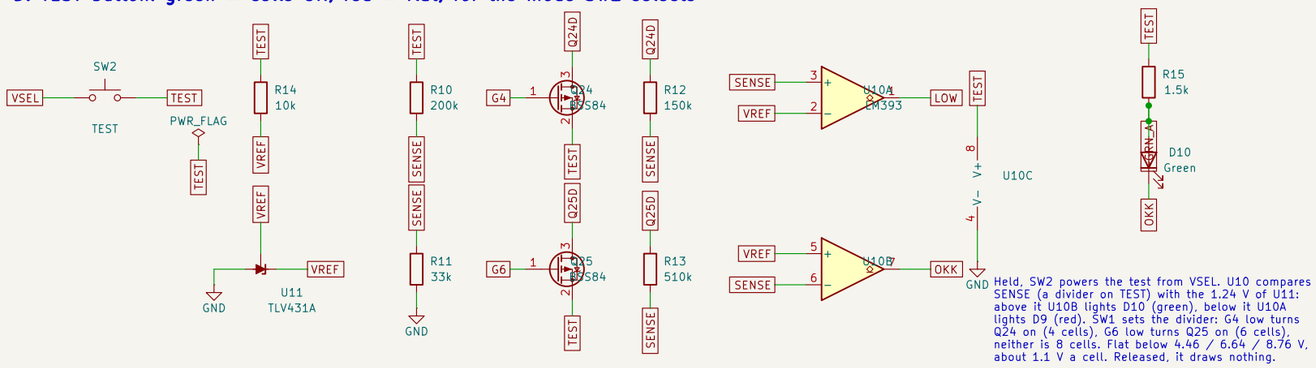
E. Reverse-current block (smart diode)



C. Red LED: cells flat (lit by section D while TEST is held)



D. TEST button: green = cells OK, red = flat, for the mode SW1 selects



Cells in three local battery cases (4 + 2 + 2 x AA) wired to the board XT60 output with reverse-current block, TEST button (green OK / red flat)

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Title: Kookabus-03: 8 x AA battery pack, 4 / 6 / 8 cell output

Size: A3	Date: 2026-09-30	Rev: 5
KiCad E.D.A. 10.0.5		Id: 1/1