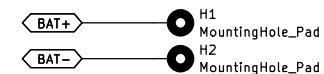


DESIGN NOTES

- Place all filters close to the IC!
- R4–R10 could possibly be smaller, as the max balancing current is 50mA and the maximum voltage diff. between batteries should be 4.2V (will never happen). $4.2/0.05=84\Omega$
- The current sensing circuit (C1, R1, R2, R3) is probably unnecessary since we do not collect the data from VIOUT.



KTH Flying Team

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File: KiCAD_BMS_EK_AW.kicad_sch

Title: Prototype BMS for SÓLFAR

Size: A4

Date: 2025-02-18

Rev: 1

KiCad E.D.A. 9.0.3

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