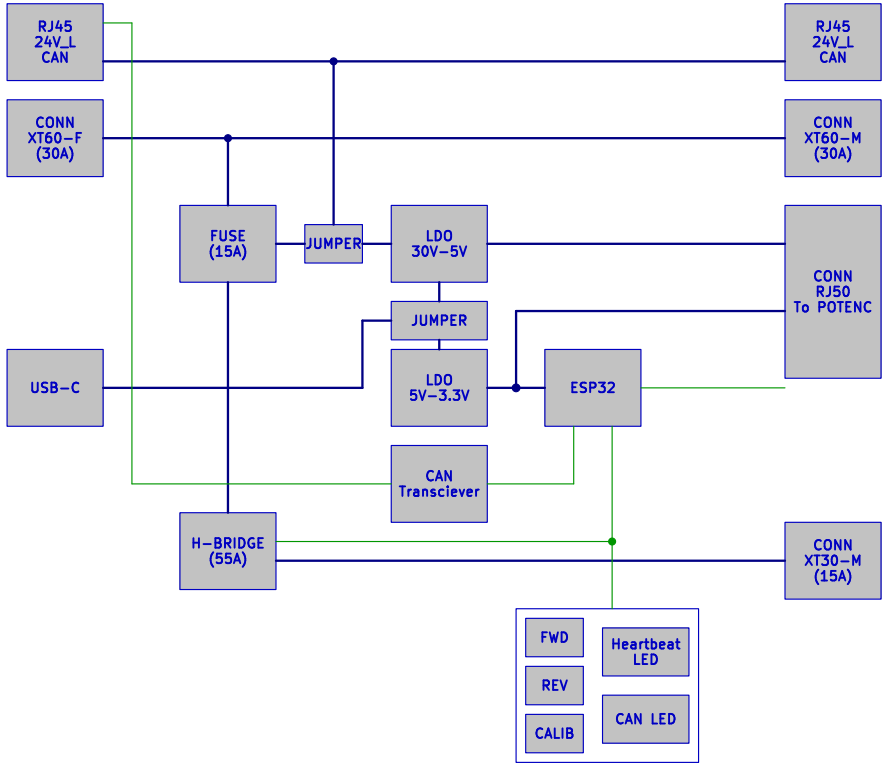


board

File: board.kicad_sch

The ARM-JL PCB is a simple DC Motor Driver made from two Half-Bridge ICs. It support 15A daisy chaining and 15A Dc Motor output. It interface two JST connector, one for a SPI encoder and one for a Potentiometer



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Sheet: /
File: ARM-JL.kicad_sch

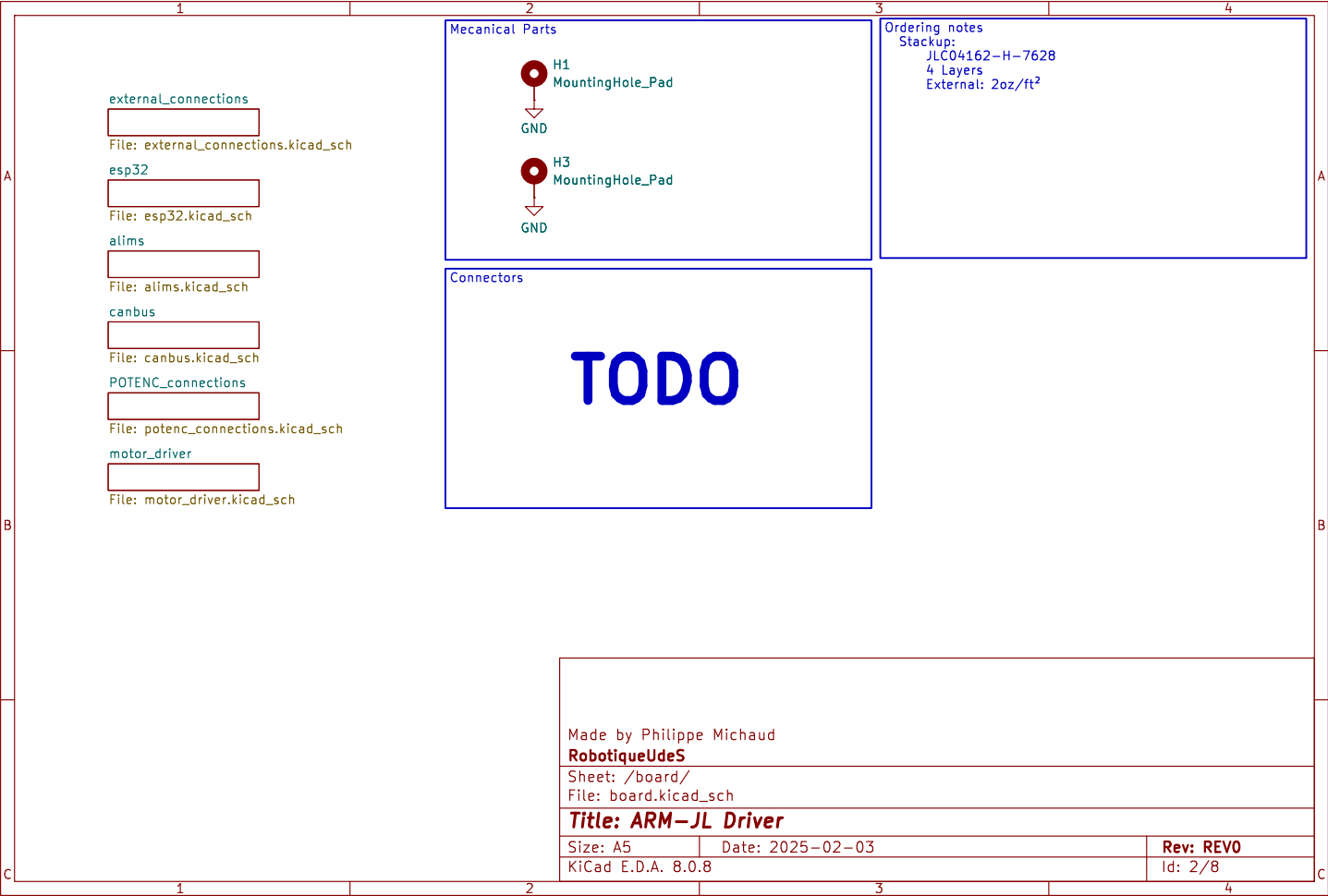
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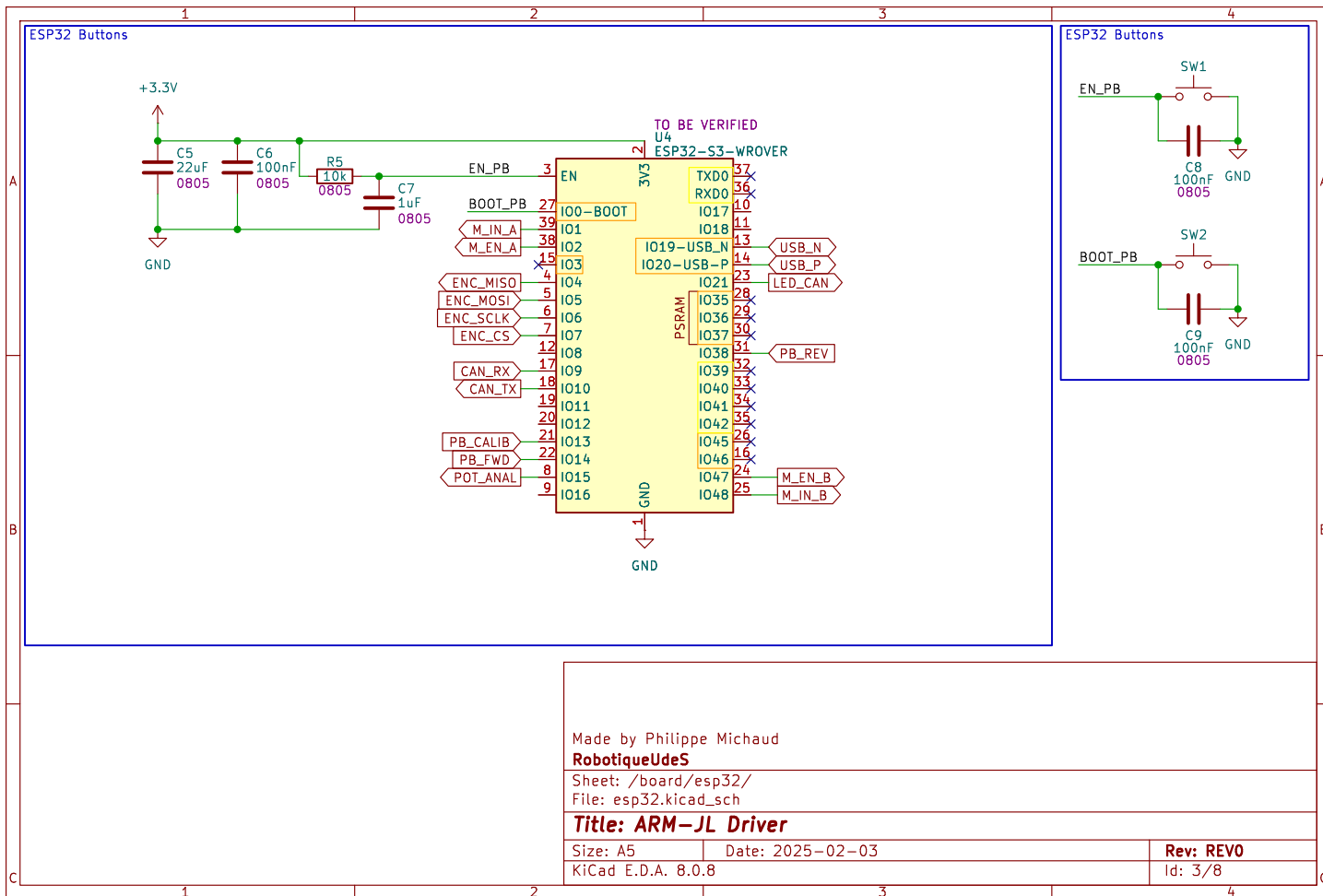
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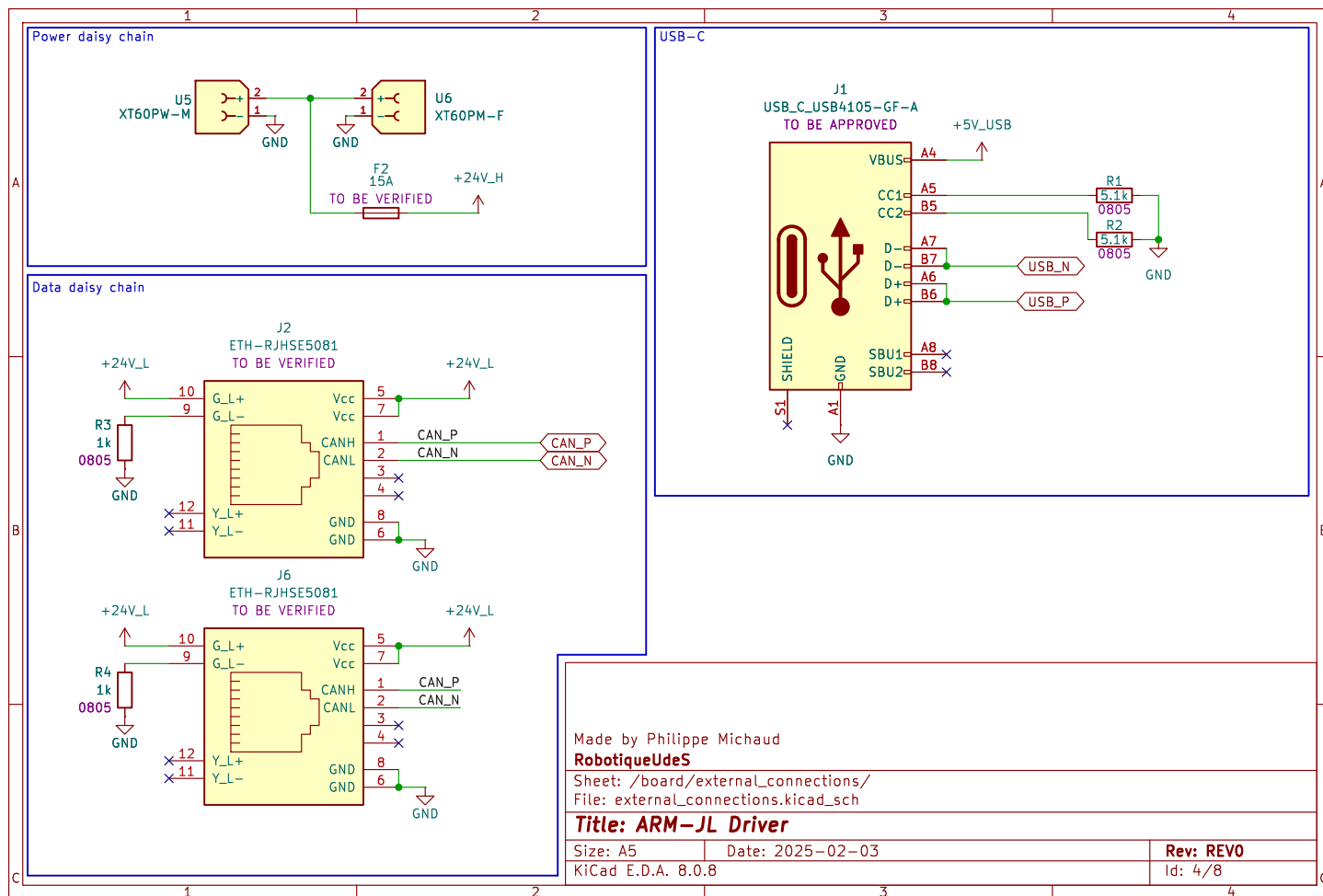
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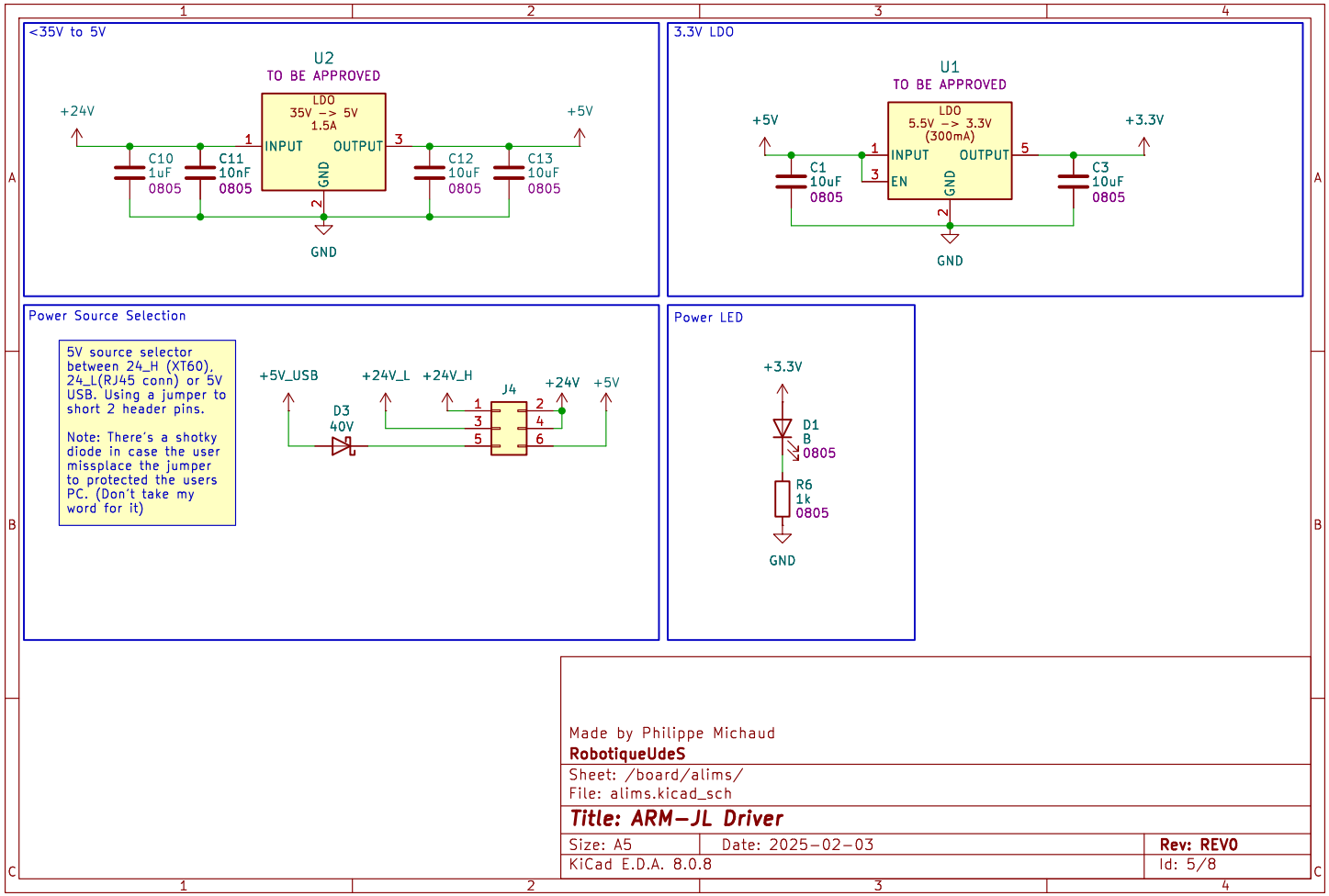
Rev: REV0

Id: 1/8

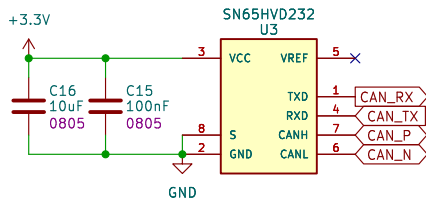




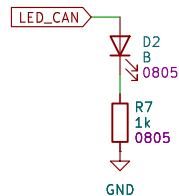




CAN Transciever



CAN LED



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Sheet: /board/canbus/

File: canbus.kicad_sch

Title: ARM-JL Driver

Size: A5

Date: 2025-02-03

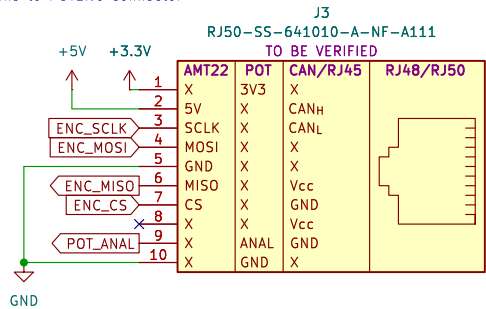
Rev: REV0

KiCad E.D.A. 8.0.8

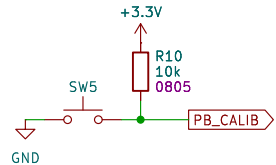
Id: 6/8

The POTENC is a breakout board with a connection to a SameSky AMT22-X encoder and a connection to a 10 turn potentiometer. The combinaison of both creates a 10 turns absolute encoder

Connections to POTENC connector



POTENC Calibration button



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Sheet: /board/POTENC_connections/
File: potenc_connections.kicad_sch

Title: ARM-JL Driver

Size: A5
KiCad E.D.A. 8.0.8

Date: 2025-02-03

Rev: REV0
Id: 7/8

