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PCB Order settings

– Layer count: 4

– Stackup nb: JLC04162–H–7628

PCB Description

For communication with BMS

In CAN, RS485, PWM

Get info of battery status

Off board parts to order

Add parts like connectors, crimps or other which needs to be ordered with the PCB. Don't forget to check the "remove from board" option

CONN\_MOLEX

CRIMP

Board block schematic

Board

File: Board.kicad\_sch

This is a component

This is a High Current Wire

This is a data wire

CONN\_ETH

CAN

5V

LDO

3.3V

ESP32

CAN/RS485

PWM

CONN\_ETH

CONN\_BMS

USB\_C

5V

Mechanical parts

H1

MountingHole\_Pad

GND

H2

MountingHole\_Pad

GND

H3

MountingHole\_Pad

GND

H4

MountingHole\_Pad

GND

FID1

Fiducial

FID2

Fiducial

FID3

Fiducial

Title: CommBMS

By: Lylianne Petit

ROBOTIQUE

UDES

ROVUS

Sheet: CommBMS/

Size: A5

Date: 2025–04–04

REV0

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A

B

C

