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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

24V

LDO

3.3V

ESP32

RS485

PWM

CONN_ETH

CONN_BMS

USB_C

24V

Mechanical parts

H1
MountingHole_Pad

H2
MountingHole_Pad

H3
MountingHole_Pad

H4
MountingHole_Pad

GND

GND

GND

GND

Title: CommBMS

By: Lylianne Petit

ROBOTIQUE

UDES

ROVUS

Sheet: CommBMS/

Size: A5

Date: 2025–04–27

REV0

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A

B

C

