

POWER INPUT

MIN: $25 \times 3.6V = 7.2V$
 MAX: $65 \times 4.2V = 25.2V$

J11 1A

V_BAT

D1
SMCJ28A

J2 1A

V_BAT

C1 C19 C26 C27 C29 C30 C31

50V 3x220uF + 4x100uF

POWER INPUT

MIN: $25 \times 3.6V = 7.2V$
 MAX: $65 \times 4.2V = 25.2V$

J11 1A

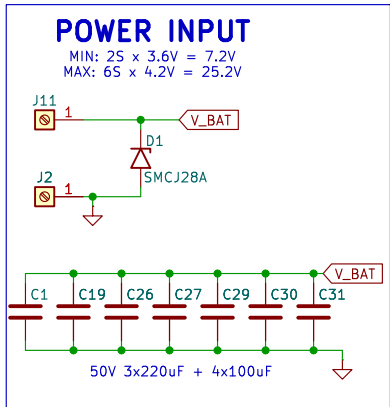
J2 1A

V_BAT

D1 SMCJ28A

C1 C19 C26 C27 C29 C30 C31

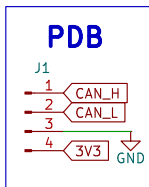
50V 3x220uF + 4x100uF



PDB

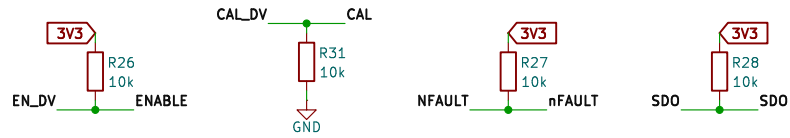
J1

- Pin 1: CAN_H
- Pin 2: CAN_L
- Pin 3: (unconnected)
- Pin 4: 3V3 (connected to GND)

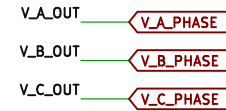


Id: 1/3

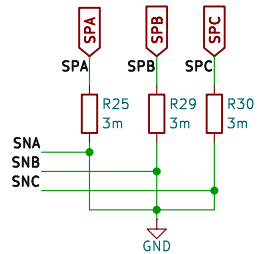
Driver setup according to datasheet



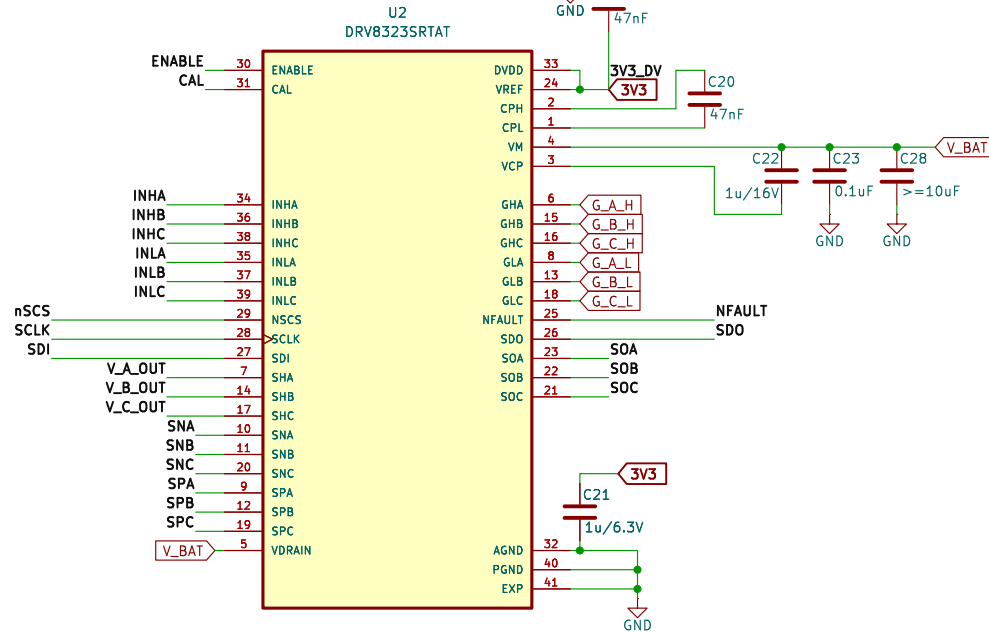
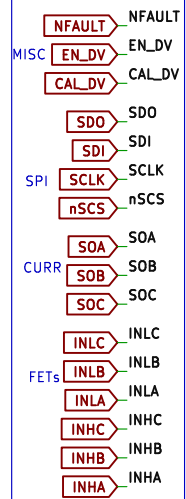
Things like these are due to mixing global and local names at the beginning therefore it was easier to leave it like this instead of checking whether every connection stayed as it was before



Bridge's shunt resistors Current measurement



MCU Connectors



Sheet: /DRVR/
File: DRVR.kicad_sch

Title:

Size: A4
KiCad E.D.A. 9.0.7

Date:

Rev:

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