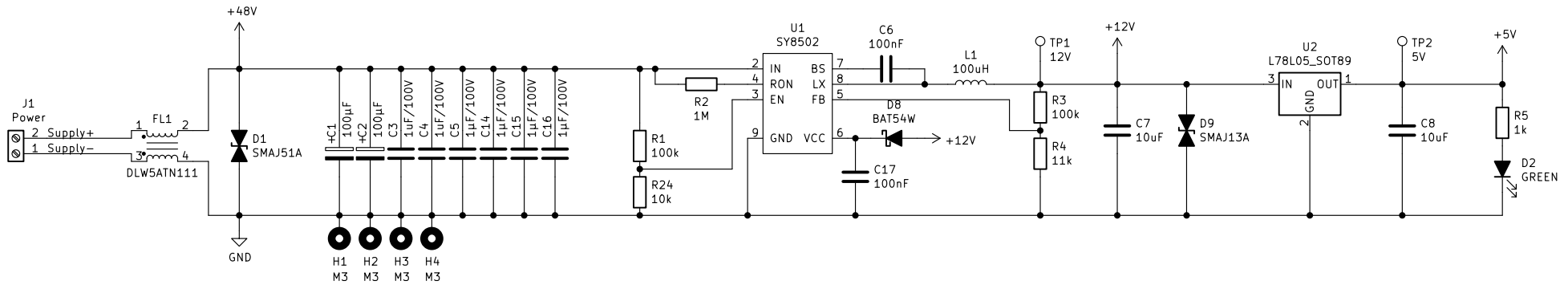
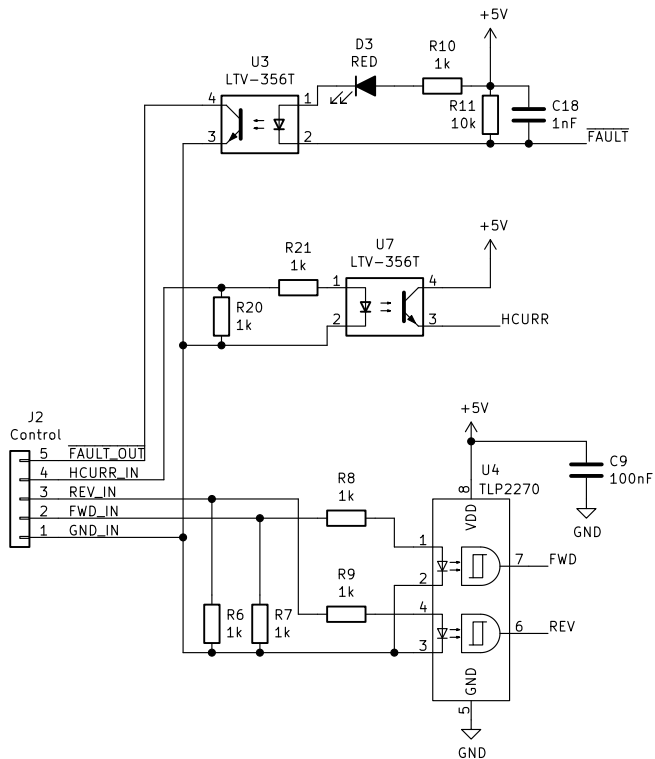


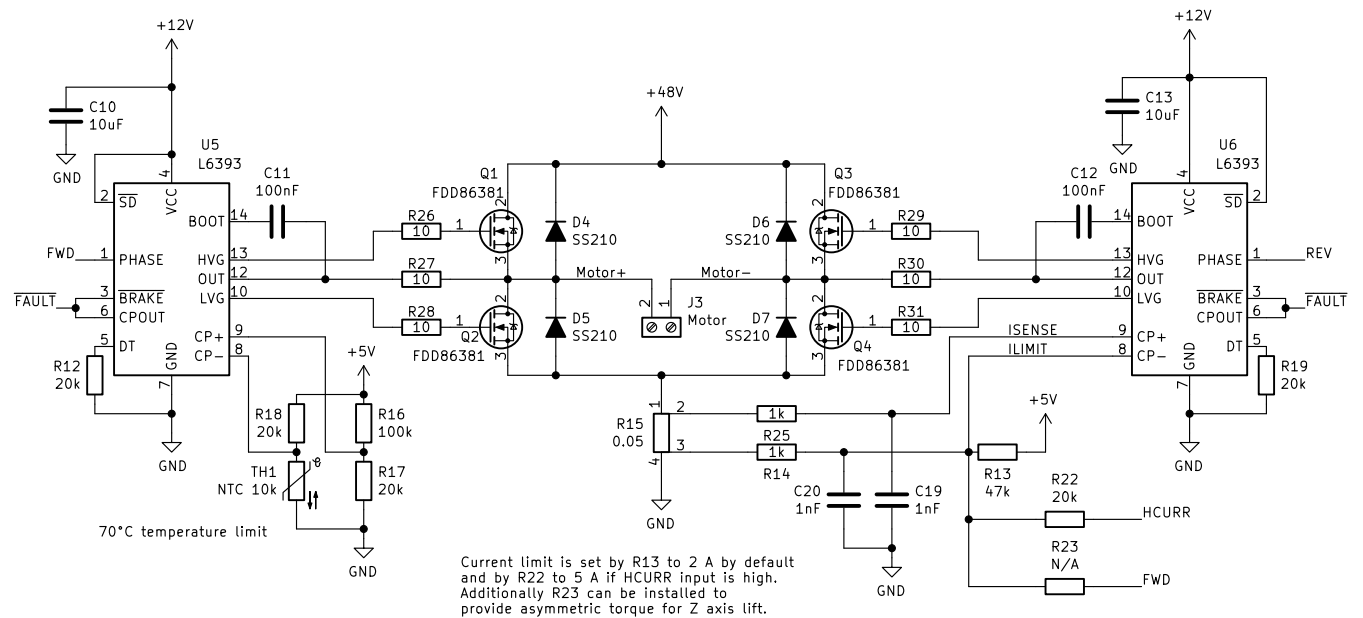
VIN (15–60V) to 12V / 5V regulator



Input opto-isolation



Motor H-bridge



Current limit is set by R13 to 2 A by default and by R22 to 5 A if HCURR input is high. Additionally R23 can be installed to provide asymmetric torque for Z axis lift.

Hacklab Jyväskylä / jpa

Sheet: /

File: motor_driver.kicad_sch

Title: 48V 5A brushed DC motor driver

Size: A4 Date: 2022-01-15

KiCad E.D.A. kicad 6.0.0-d3dd2cf0fa-116-ubuntu20.04.1

Rev: 2

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