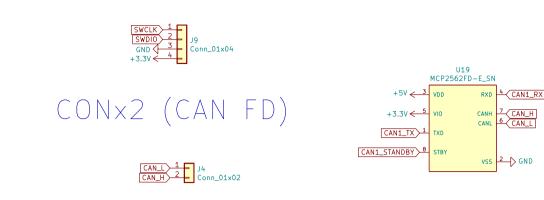


CONx5 (SWDIO 2.54mm PogoPin)



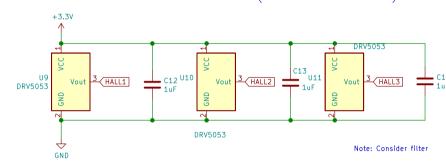
CONx2 (USB DATA LINES)

D- 1 J8 D+ 2 Conn_01x02

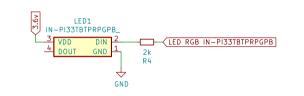
CONx2 (SPI & UART)



3 ANALOG HALL sensors (DRV5053)

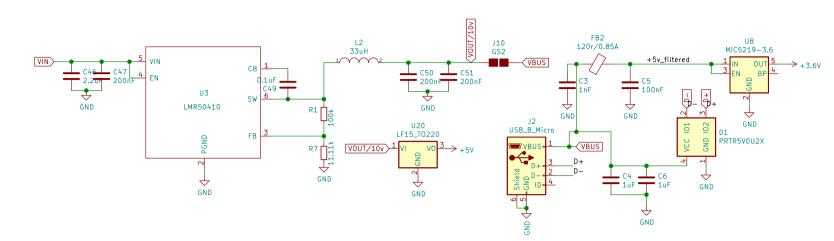


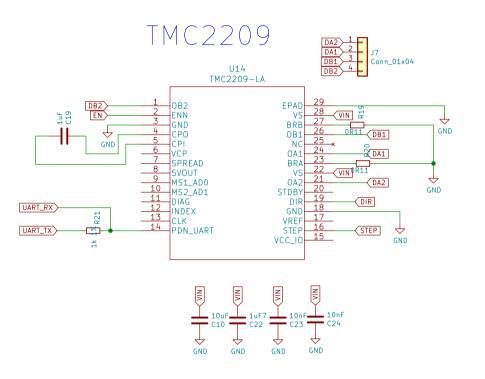
LED RBG IN-PI33TBTPRPGPB

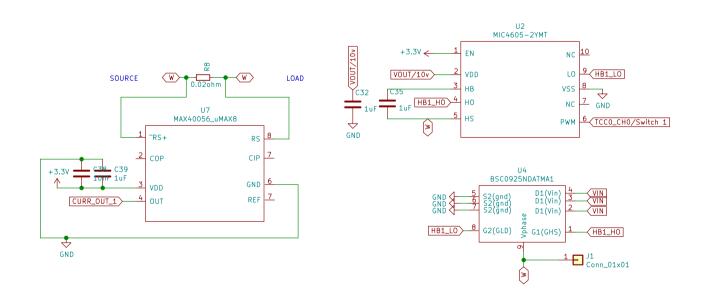


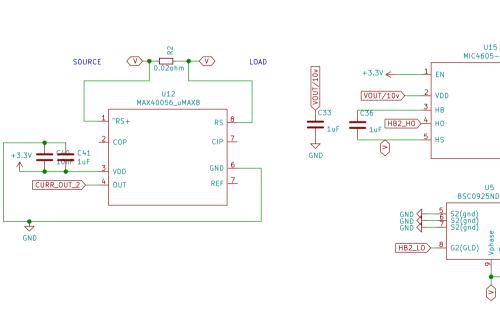
MAX INDPUT VOLTAGE 24V (MOSFETS IS RATED AT 30V)

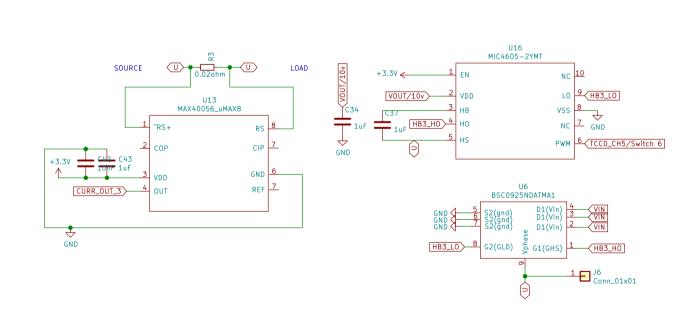
4.2-65v to 10v 1amp Switching PWR, USB & LDO

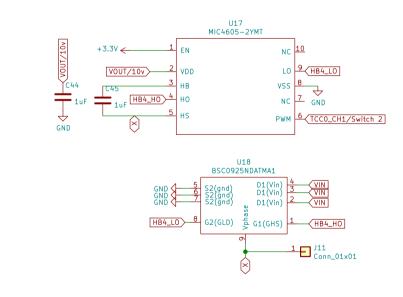




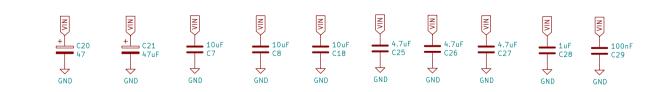








3 fase driver w. curretn sens resistors and amplifiers



WARNING: Do not bridge 10v to VBUS and connect your computers USB plug!
When the solder bridge is connected, the LDO will transform the 10v to 3.6 system voltage.

This means you can power the whole system from VIN.

The Mosfet's gates, will be driven by 10v.

MOSFET's is 30 amp rated. TMC2209 is also 30v rated.

Dont exceed 24v on VIN!

This project is in development. The project is a linear 3 fase motor driver with onboard Author: Juan-Antonio S. E. Pedersen License: For cormercial purposes, you must make arangements with the author CC - NC - BY $\,$ MOW (Makers of the world) Sheet: /
| File: NRF_HALLA.kicad_sch
| Title: HALL_A Size: A1 Date: 2020-09-13 KiCad E.D.A. kicad (5.99.0-2965-g3673c23696)