

The jumper caps below the TMC are short caps.
Use the long side of the pin headers for soldering and the short side for the jumper caps.

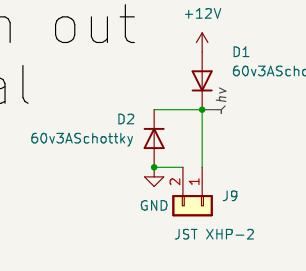
The pin sockets for the TMC drivers need to be high.
BKL 10122206 have 8,5mm height.

Pin sockets for the ESP are 1x19 and 2x19.
1x20 and 2x20 cut to size.

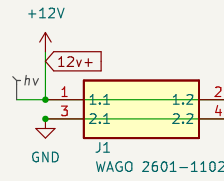
Pretty messy file...
Needs further cleaning.

Caps are placed where needed...

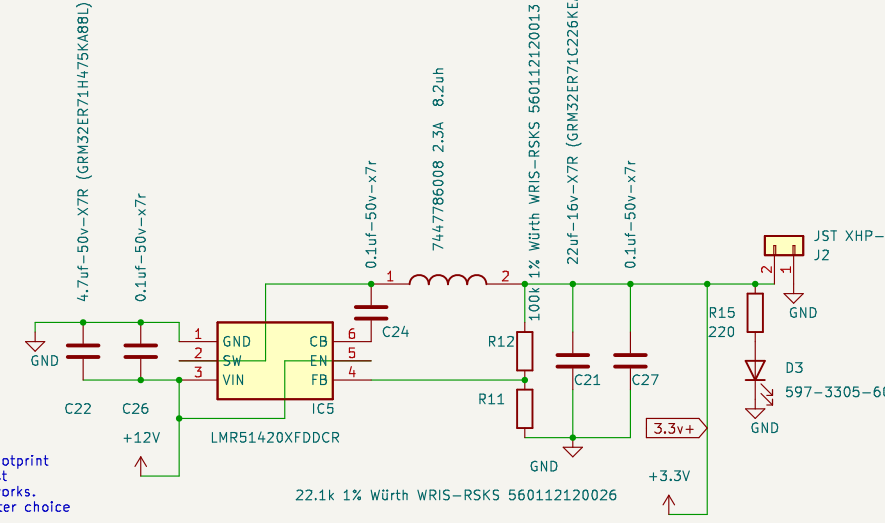
12v fan out terminal



12v power terminal



Power stage (Buck converter from input to 3.3v)



C22 should be 47uF but I used a 1210 footprint and did not find one in that package. Just swapped it for a 47uF 1210 cap and it works. 10uF are available and should be the better choice

Optoisolated UART (RX/TX) with 3.3v:5v level shifting

