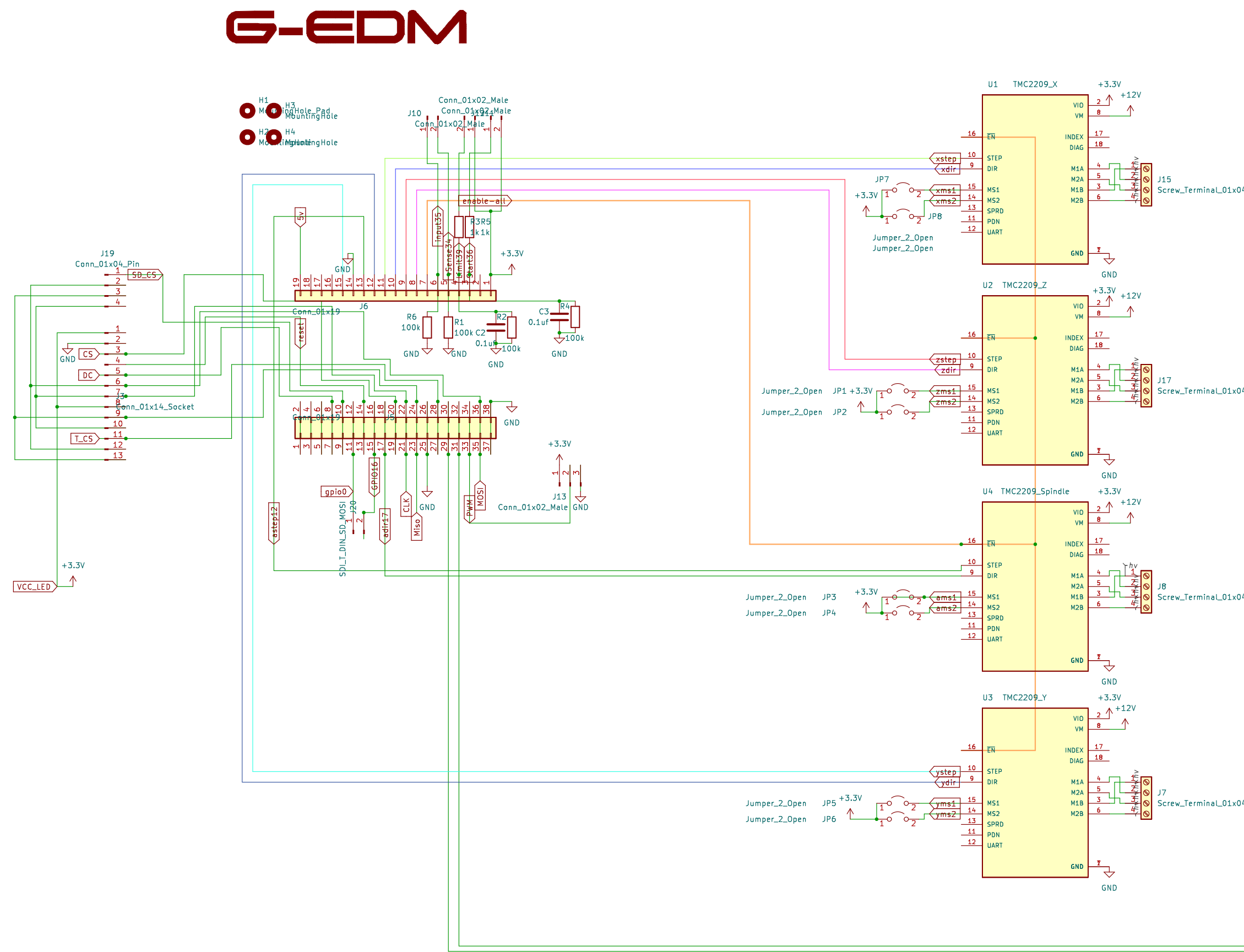
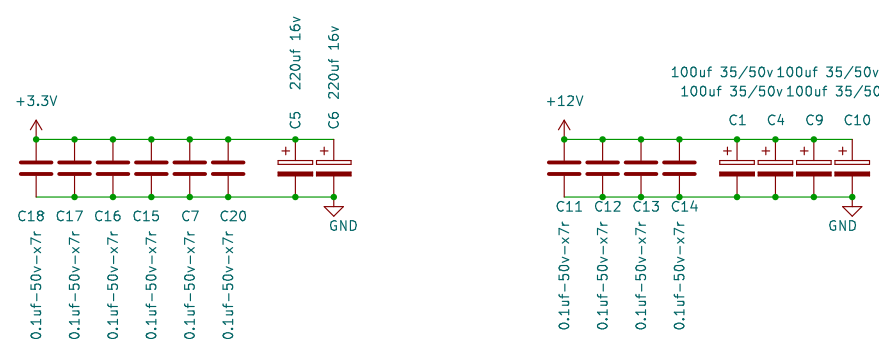


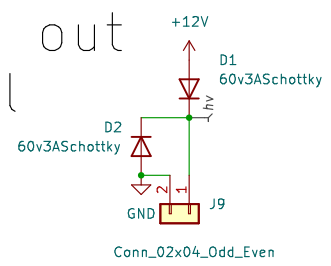
Pretty messy file...
Needs further cleaning.



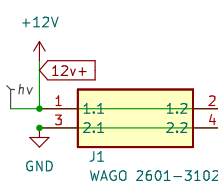
Caps are placed where needed....



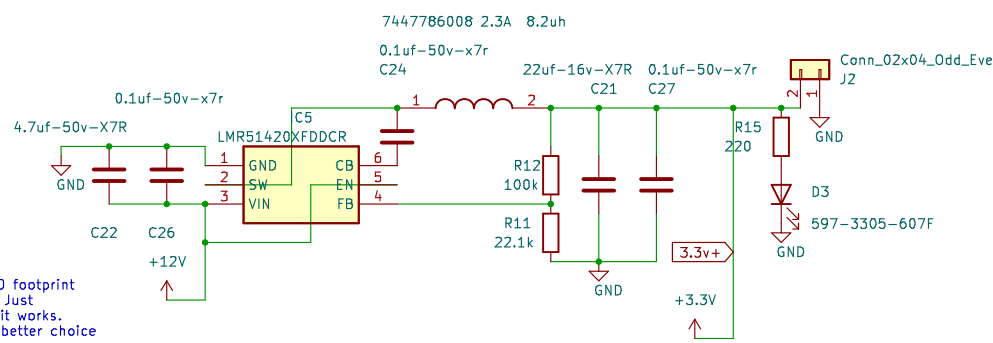
12v fan out
terminal



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

