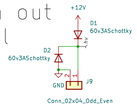
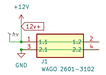
Pretty messy file...
Needs further cleaning.

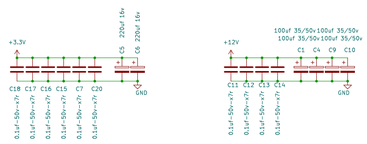
12v fan out terminal



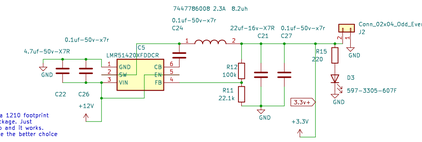
12v power terminal



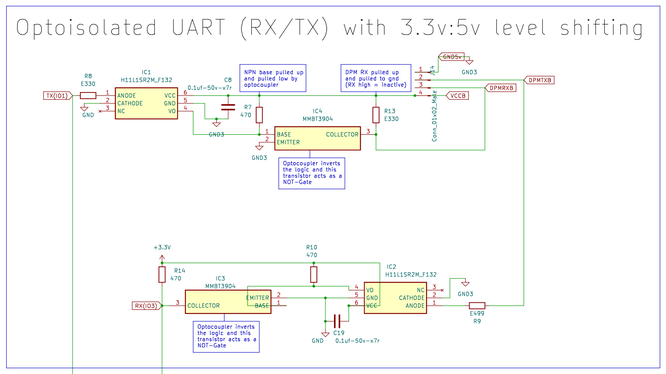
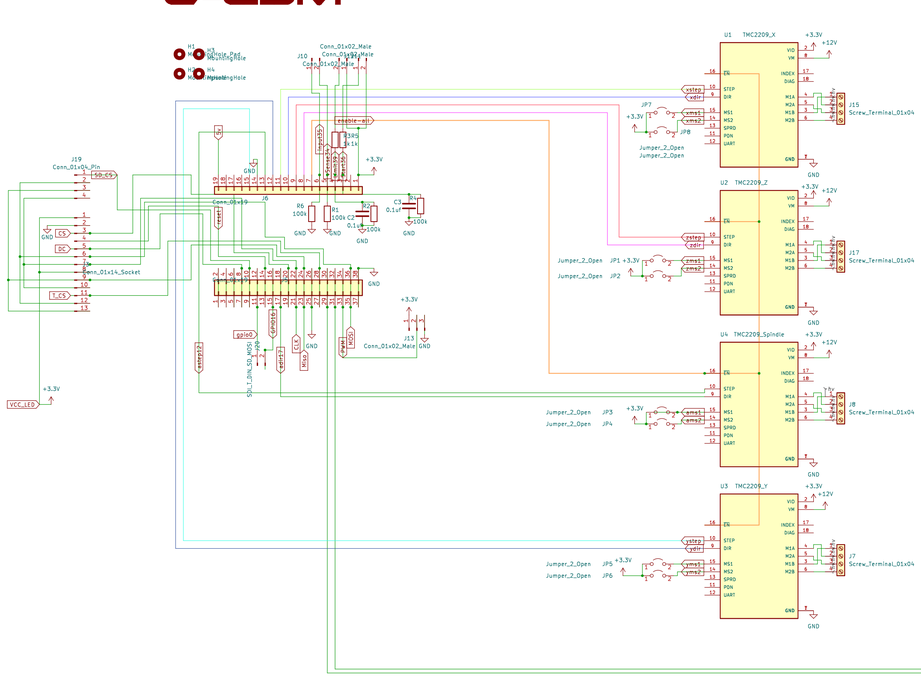
Caps are placed where needed....



Power stage (Buck converter from input to 3.3v)



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



G-EDM