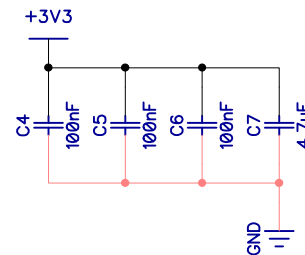
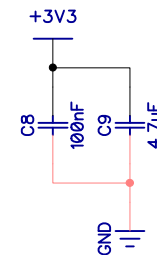


## MCU PIN CAPS

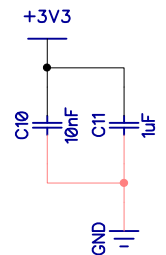
3xVDD pin caps



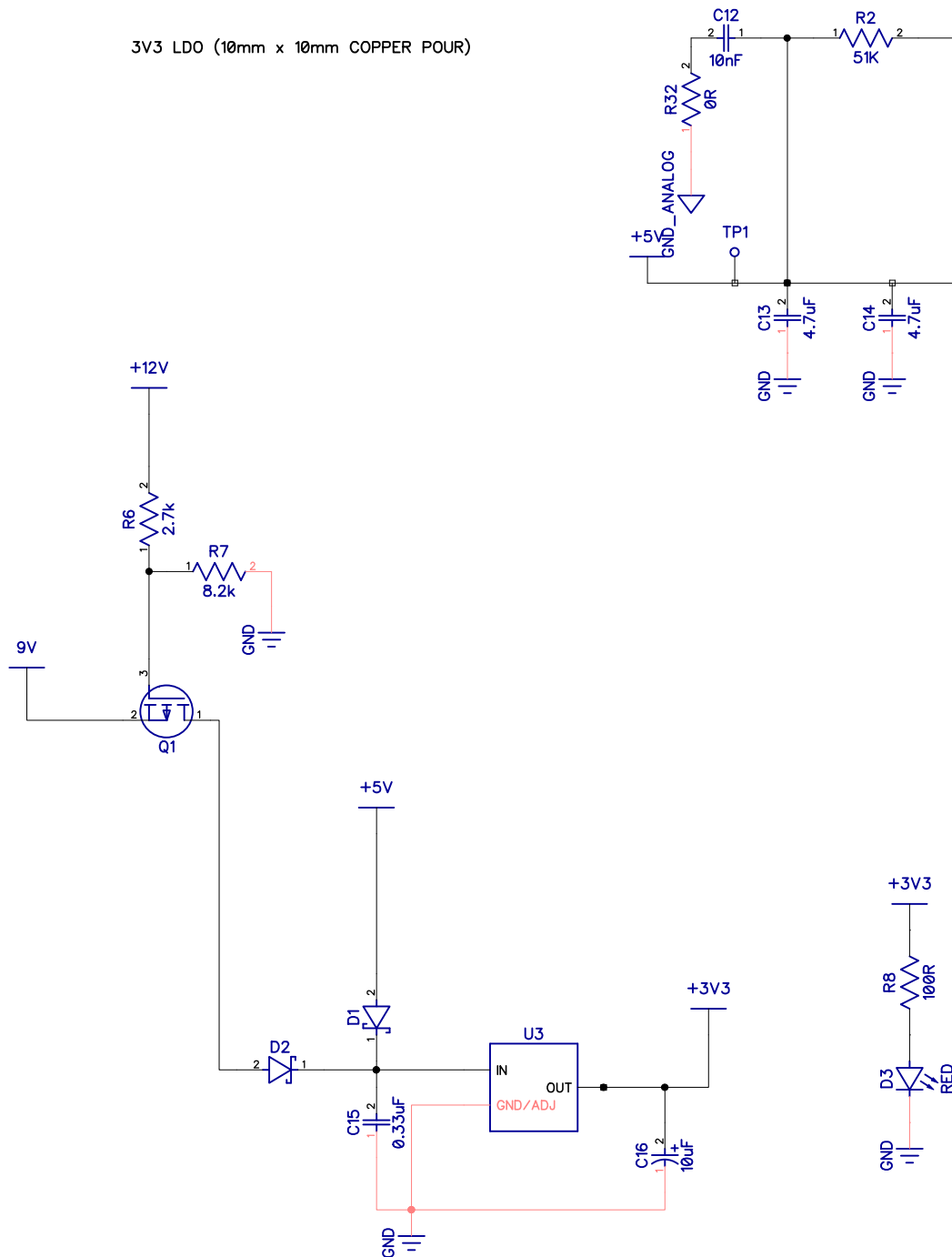
VDDIO2 pin caps



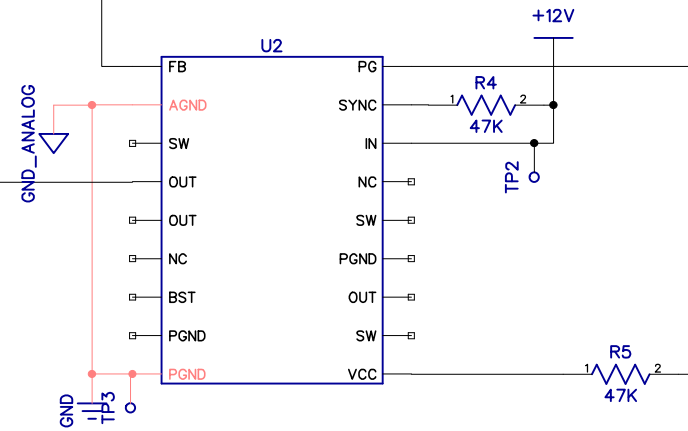
VDDA pin caps



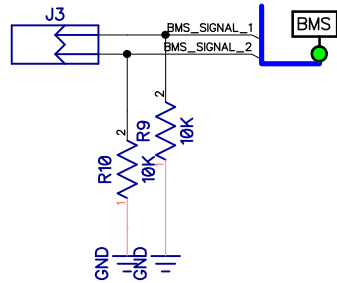
3V3 LDO (10mm x 10mm COPPER POUR)



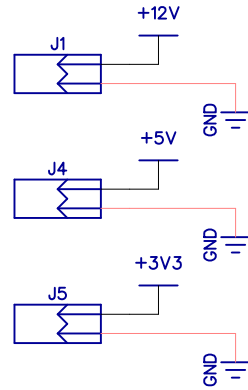
## DC-DC STEP DOWN CONVERTER



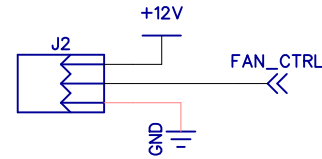
## BMS Connectors



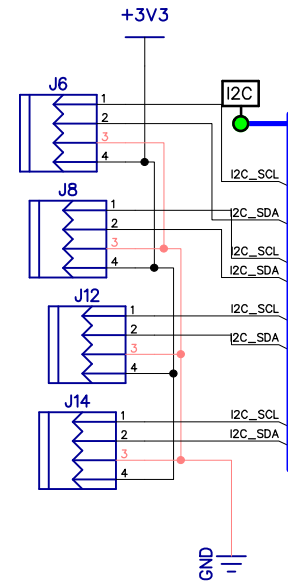
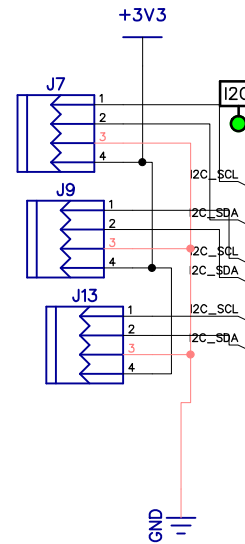
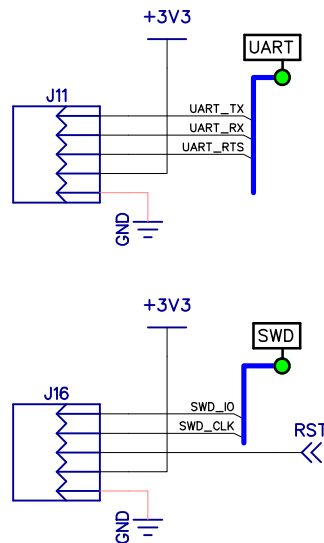
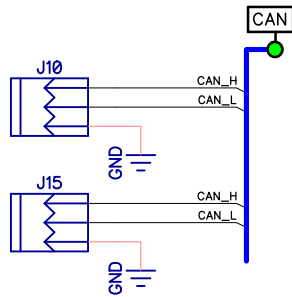
## Power Connectors



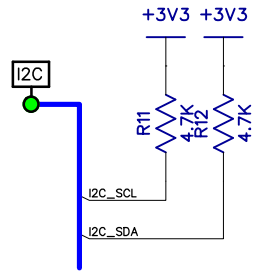
## Fan Control



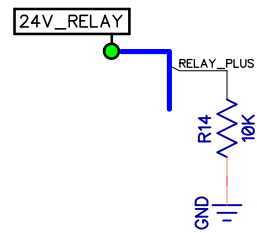
## Communications Connectors



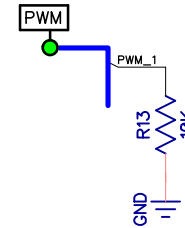
## I2C Pull-ups



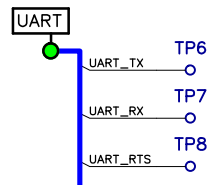
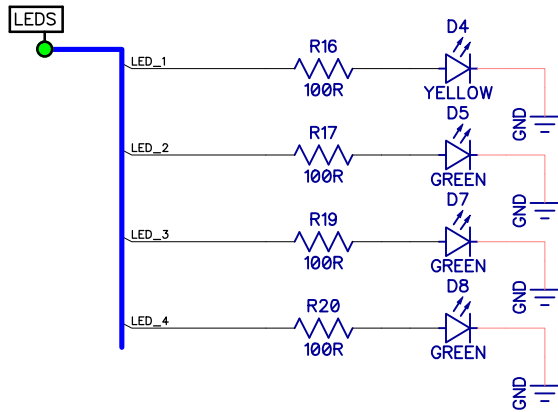
## RELAY pull-down



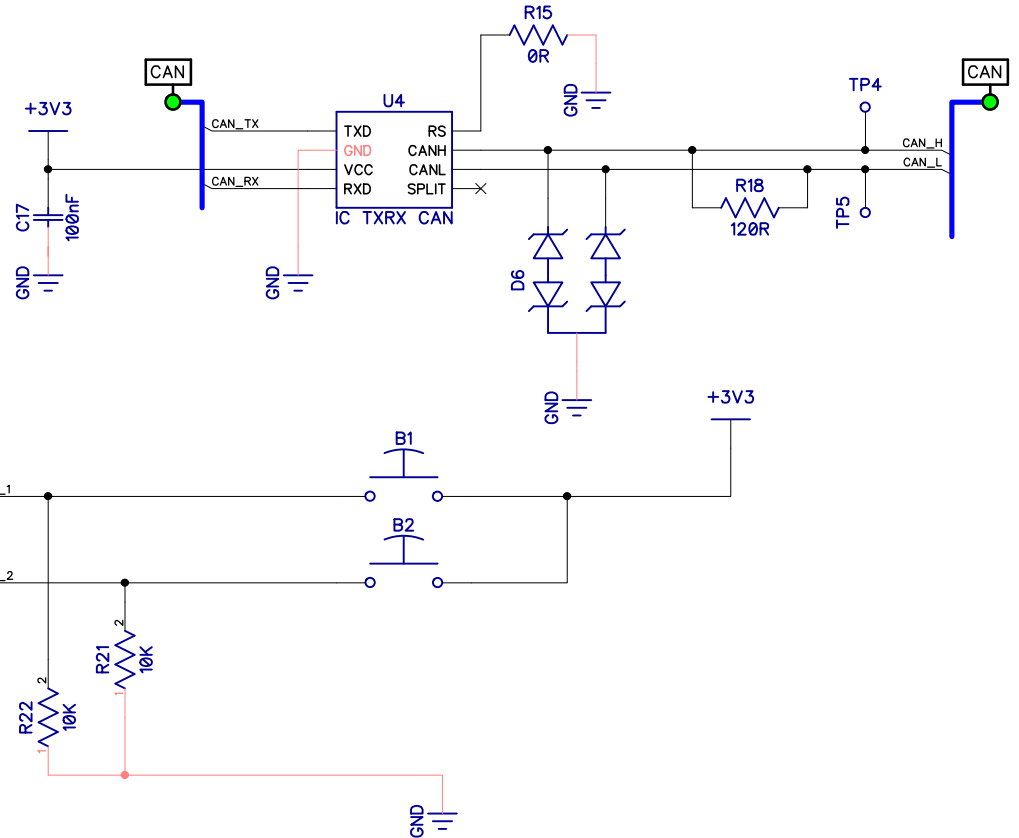
## PWM pull-down



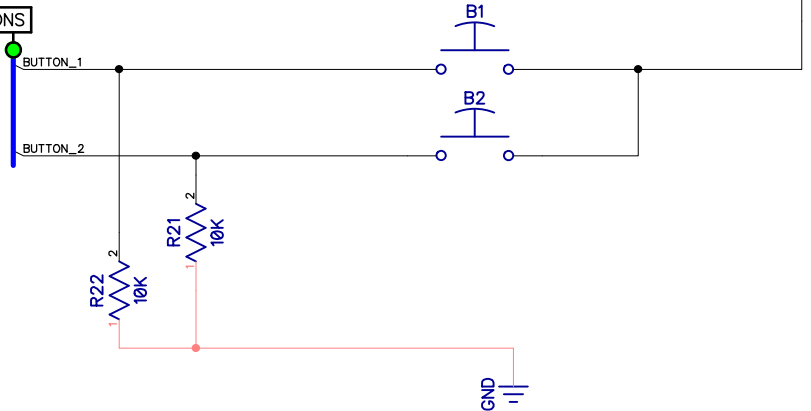
## LEDs

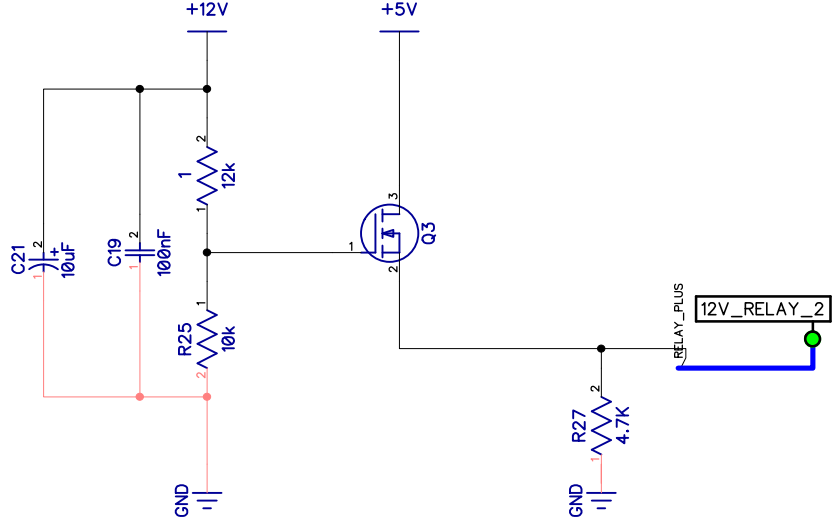
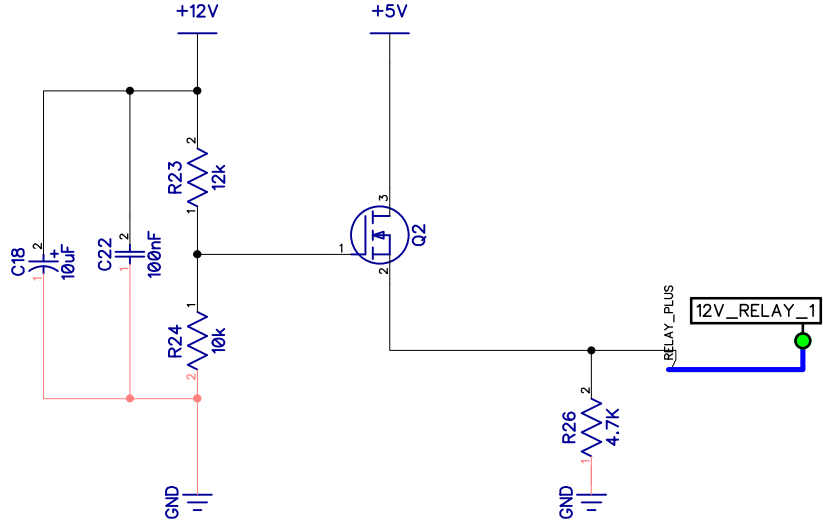


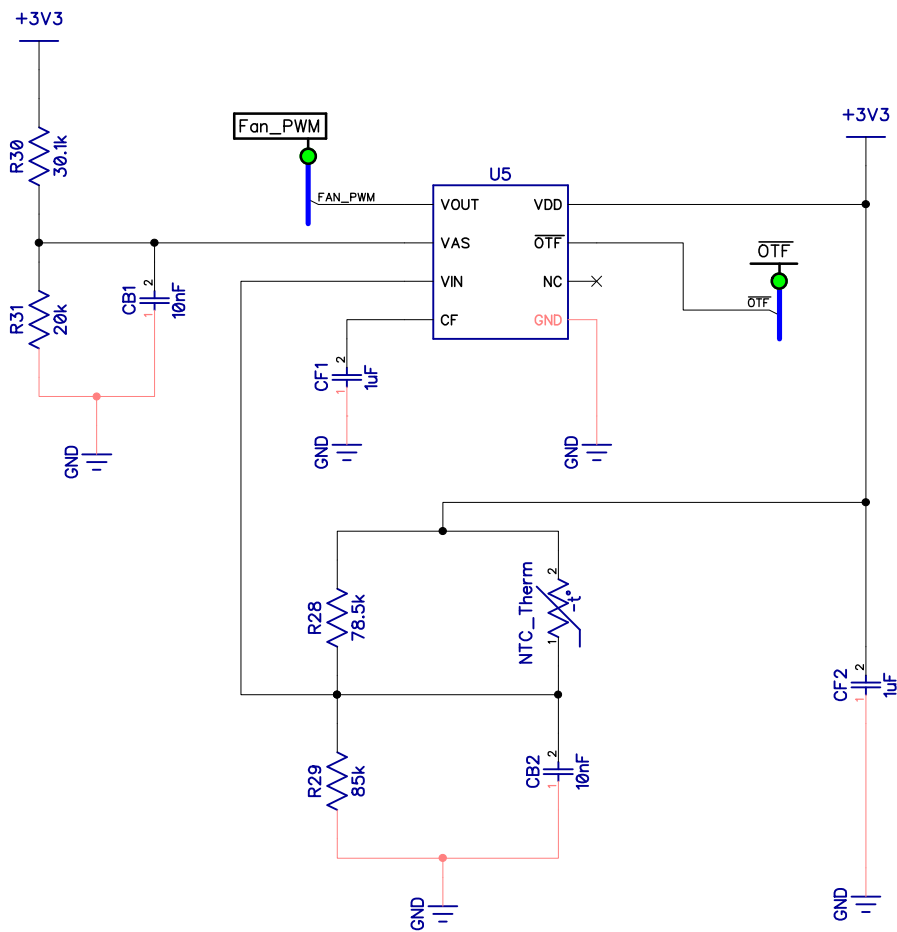
## CAN



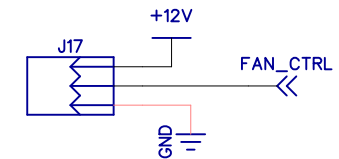
## BUTTONS



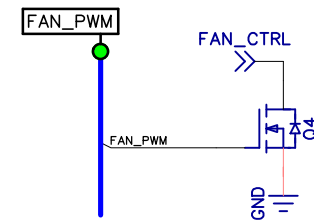




## Fan Control



## Fan FET



need DC brushed fan - check for PWR or PWM