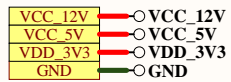
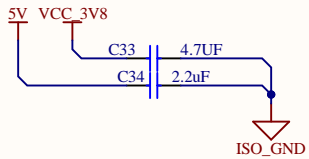
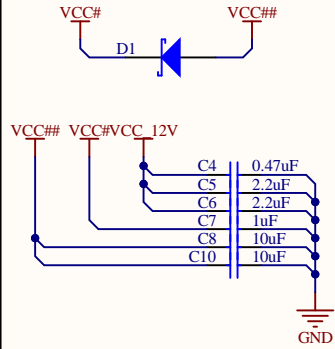
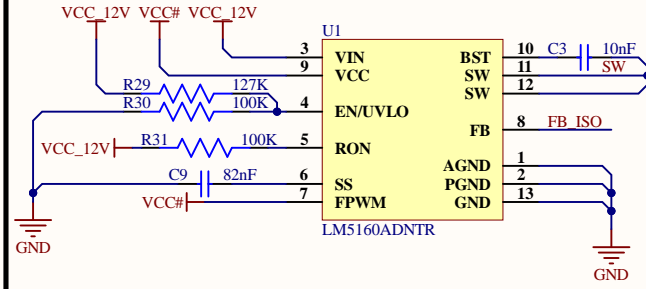


## DECOUPLING CAPS

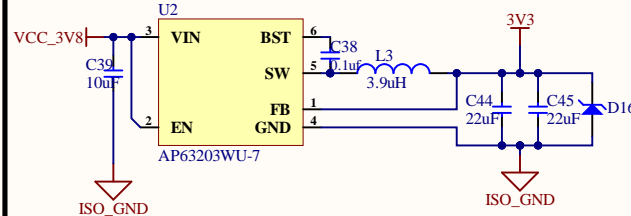


## 12V-3.8V ISOLATED BUCK CONVERTER

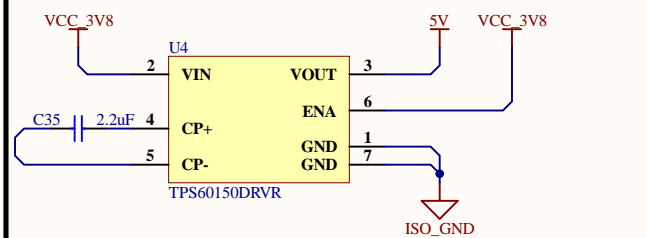


Primary side output voltage would be 5.7 for a 3.8V VSec (NP/Ns=Vpri/Vsec)  
FB resistors RF2=3.7K and RF1=2K.  
Max current of this transformer is 840mA. (suggested in datasheet)

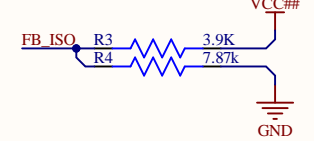
## 3.8-3.3V LINEAR REGULATOR



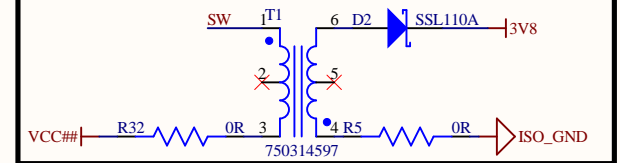
## 3.8-5V CHARGE PUMP



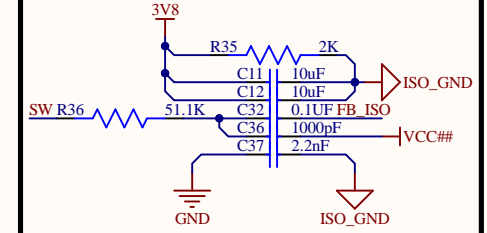
## FEEDBACK NETWORK



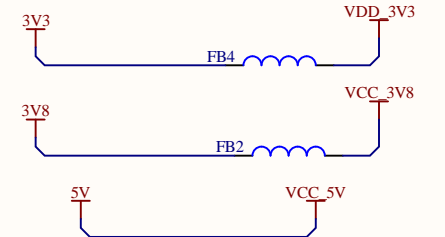
## FLYBACK TRANSFORMER

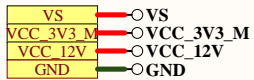
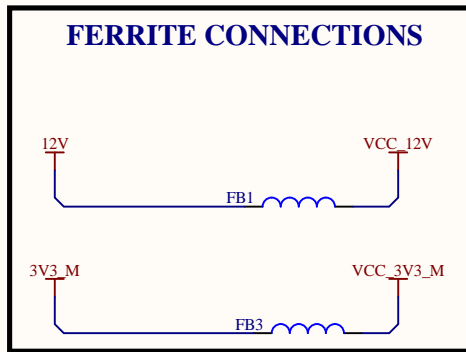
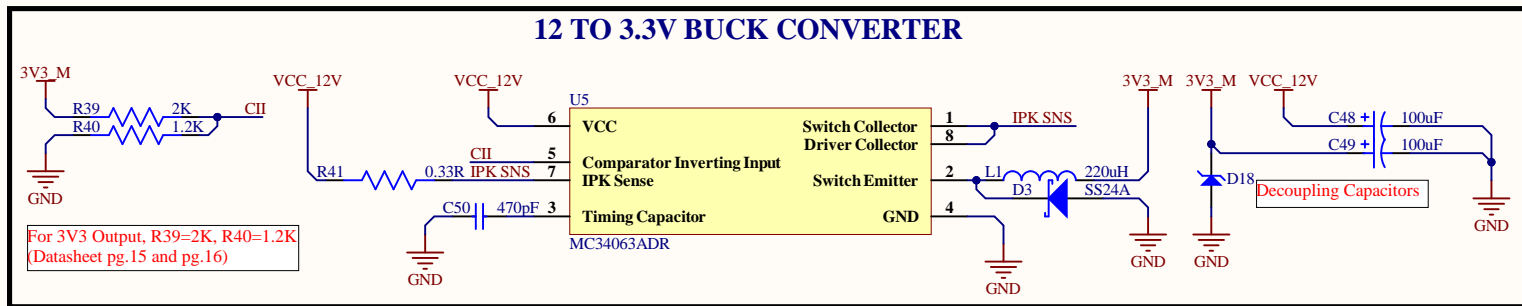
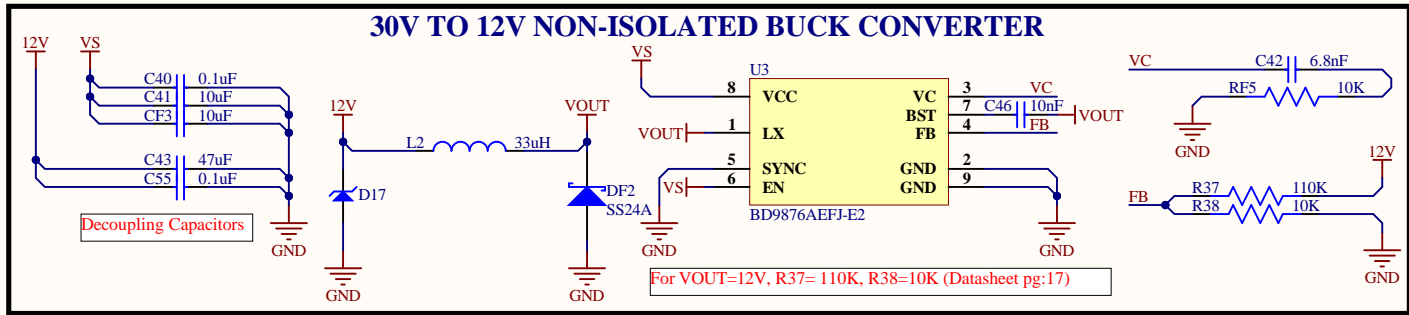


## SUPPORTING CIRCUIT

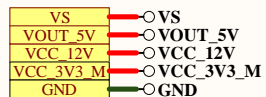
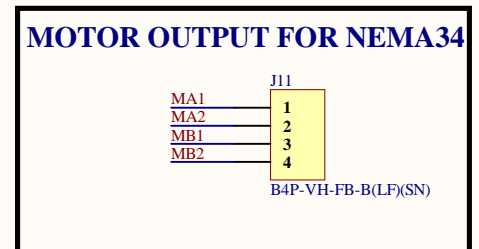
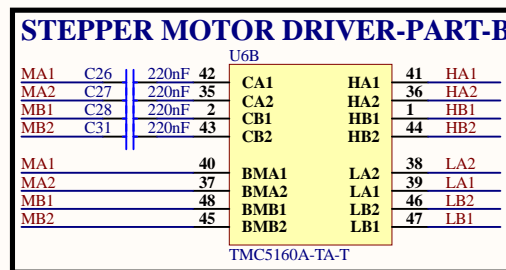
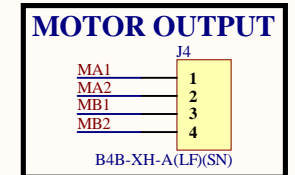
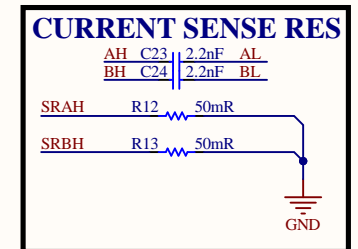
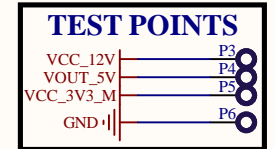
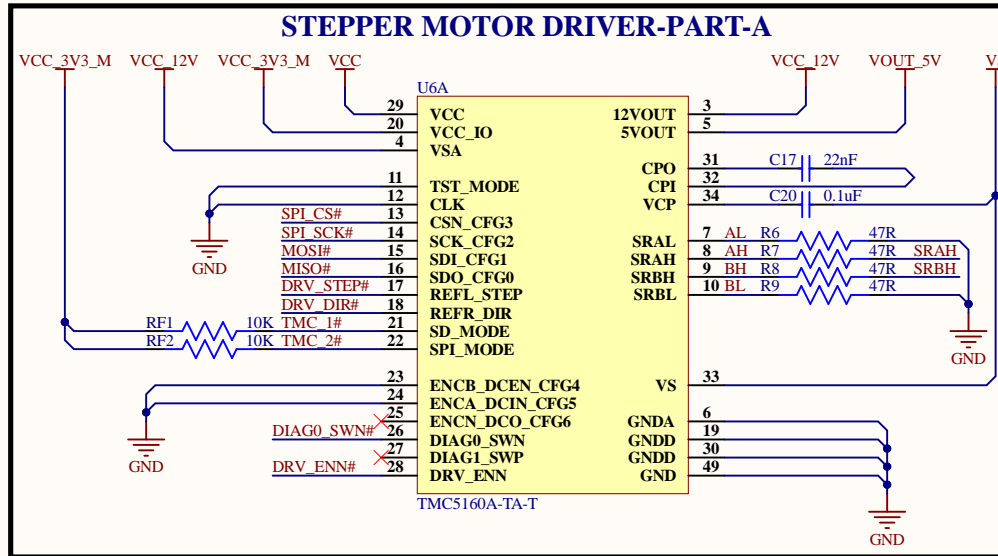
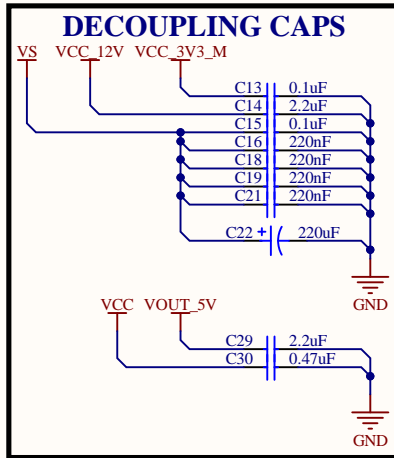
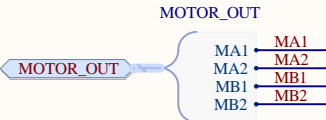
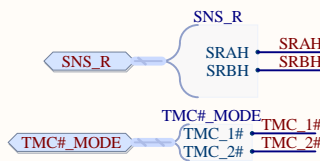
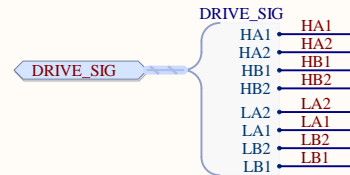
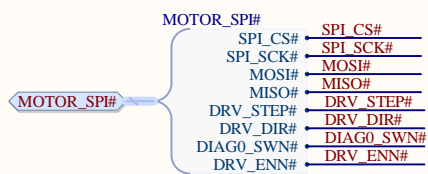


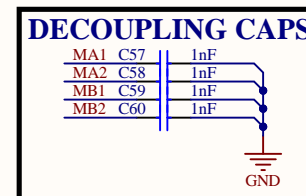
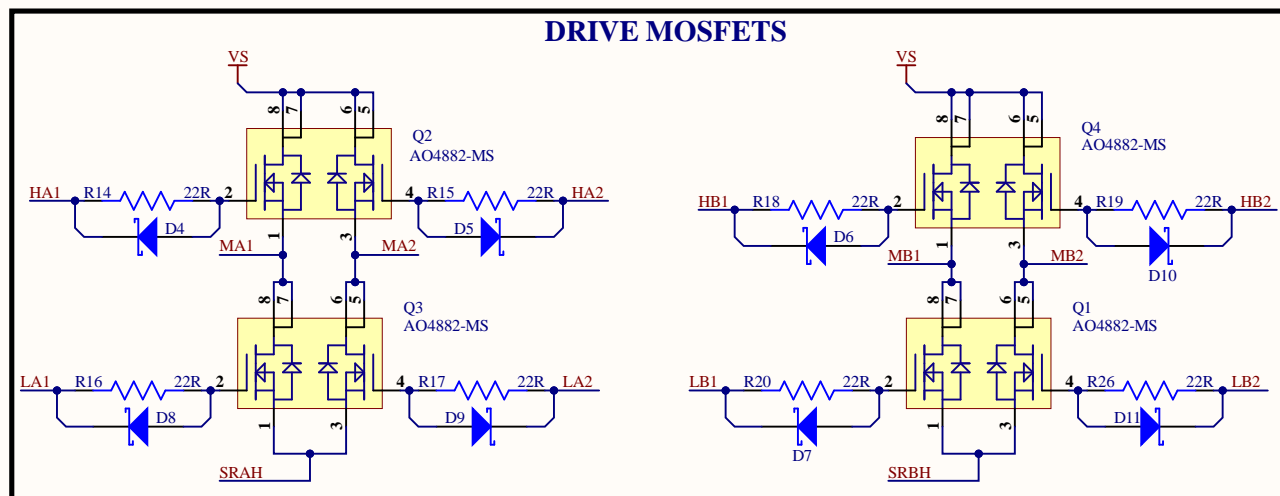
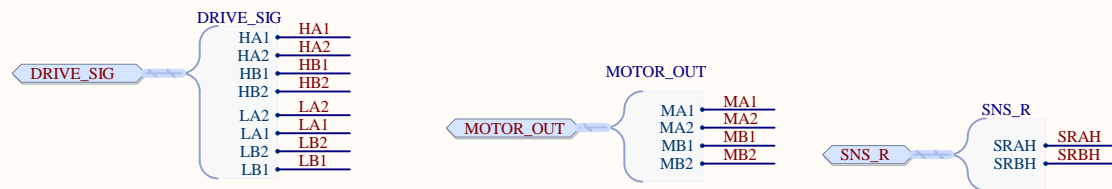
## FERRITE CONNECTIONS

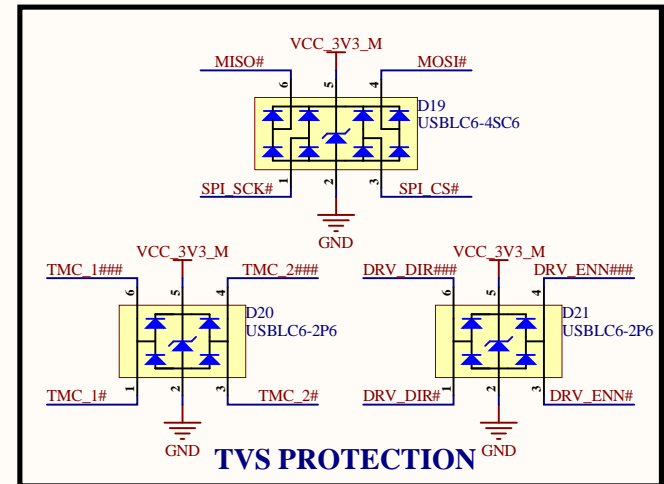
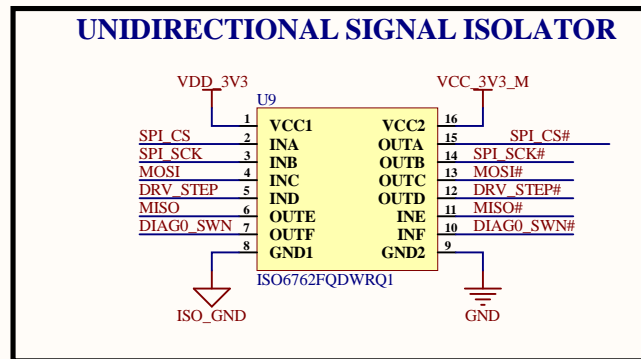
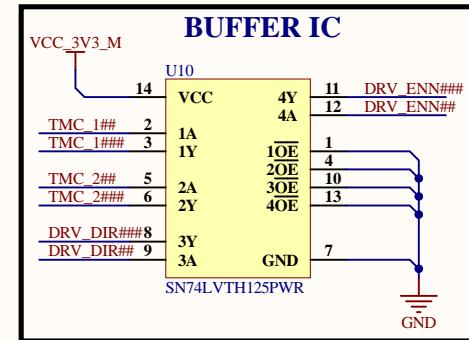
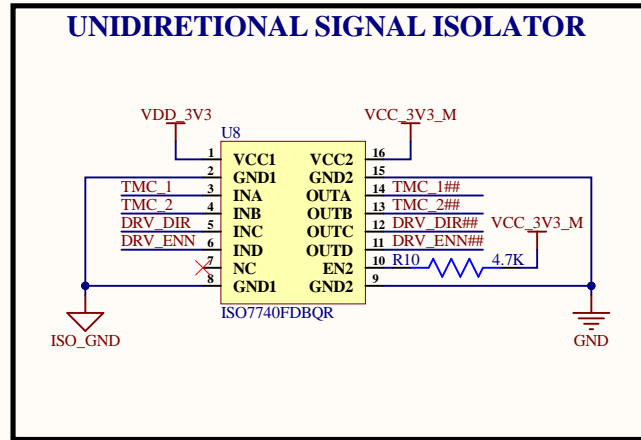
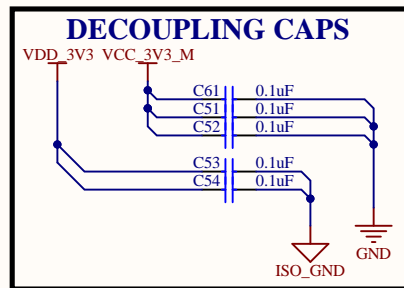
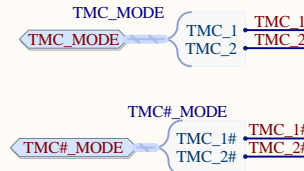
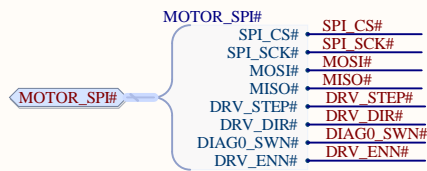
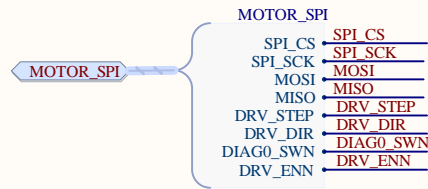












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