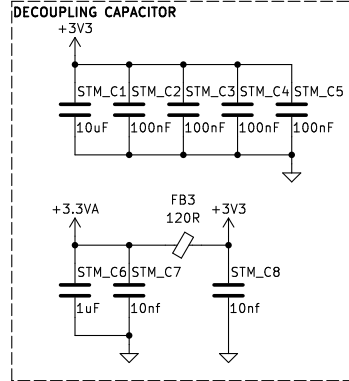
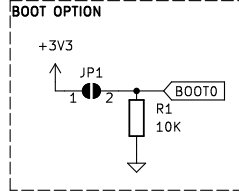
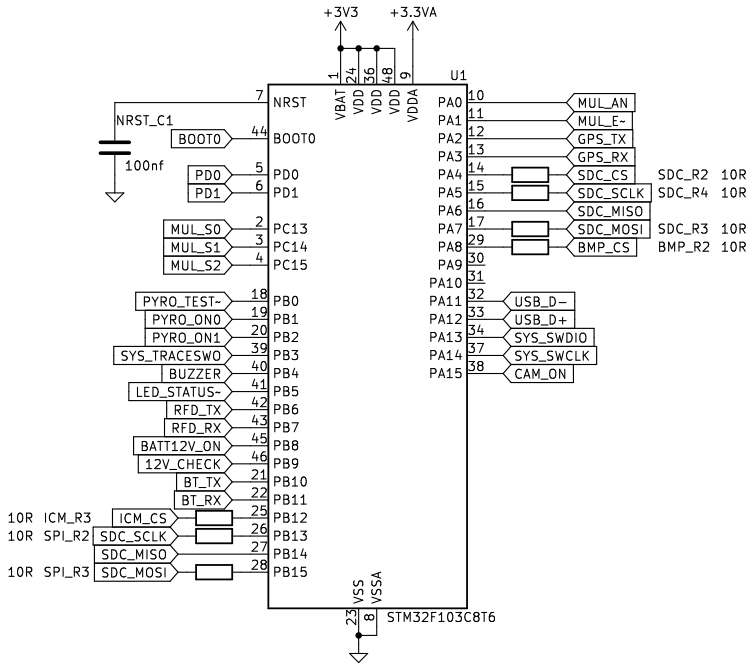
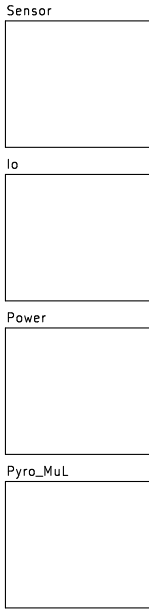
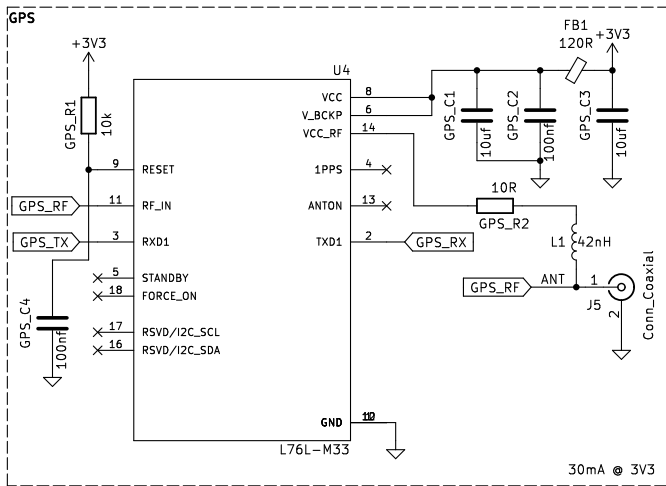
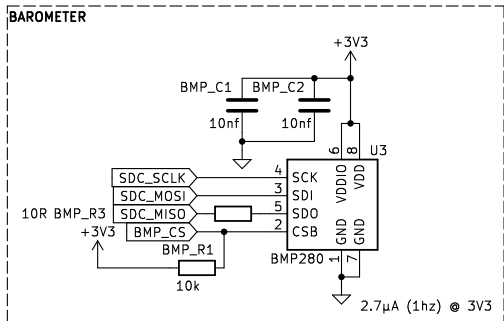
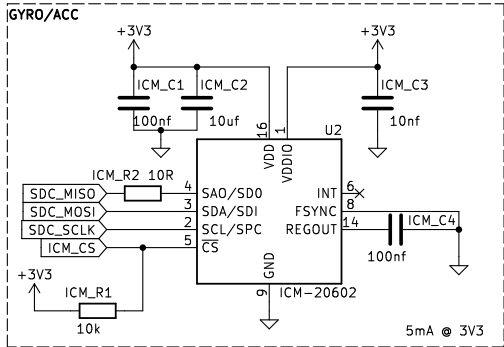


# STM32 MAIN BOARD V1

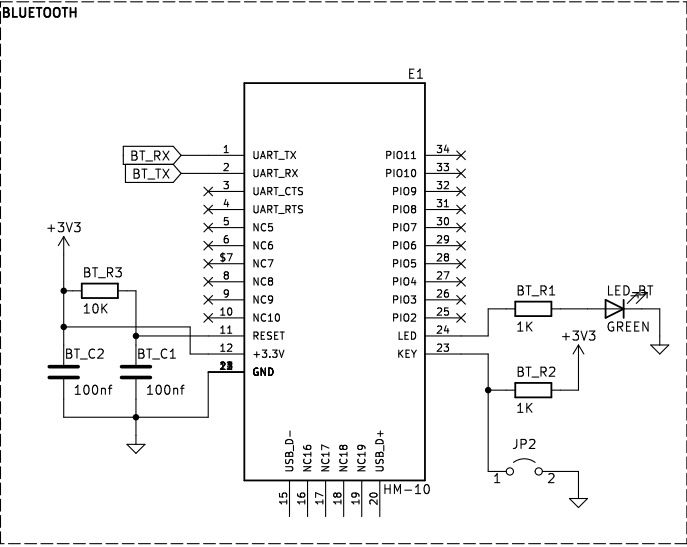
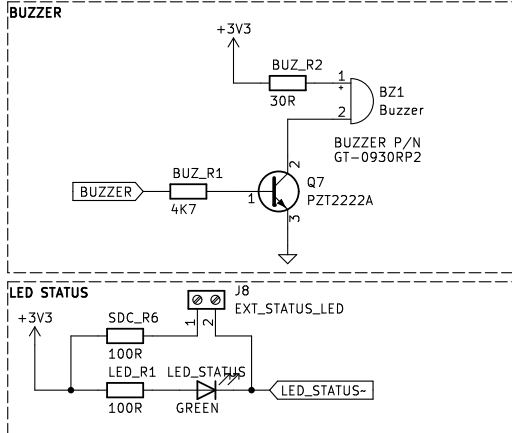
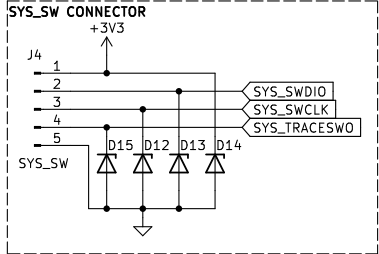
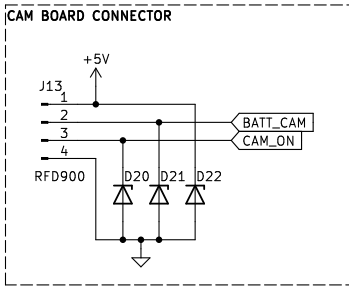
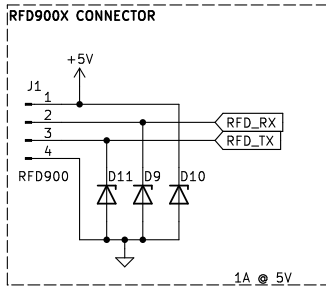
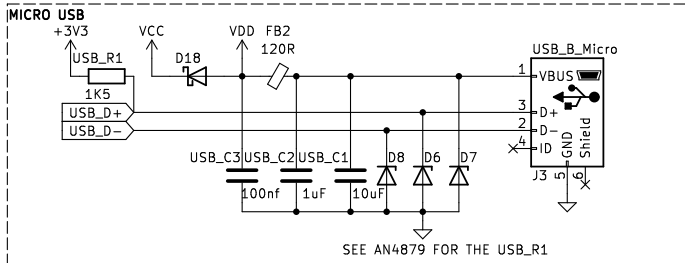
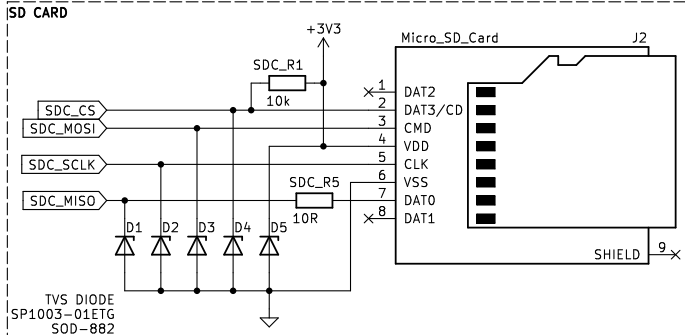


note:  
TEST ON 12V A TERMINER

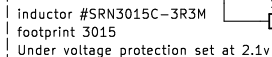
SENSOR



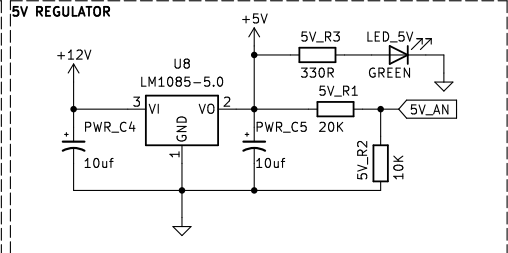
I/O PERIPHERAL



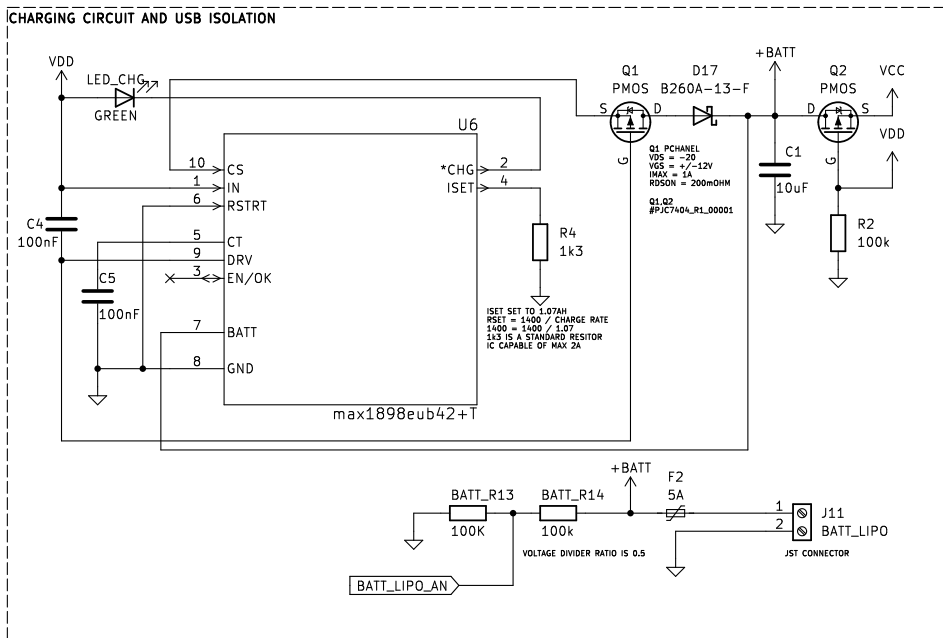
## SWITCHING POWER SUPPLY 3V3



## 5V REGULATOR



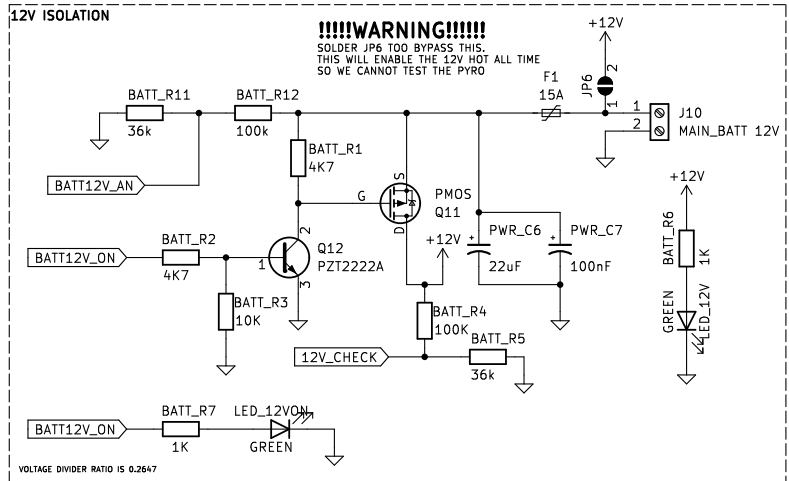
## CHARGING CIRCUIT AND USB ISOLATION



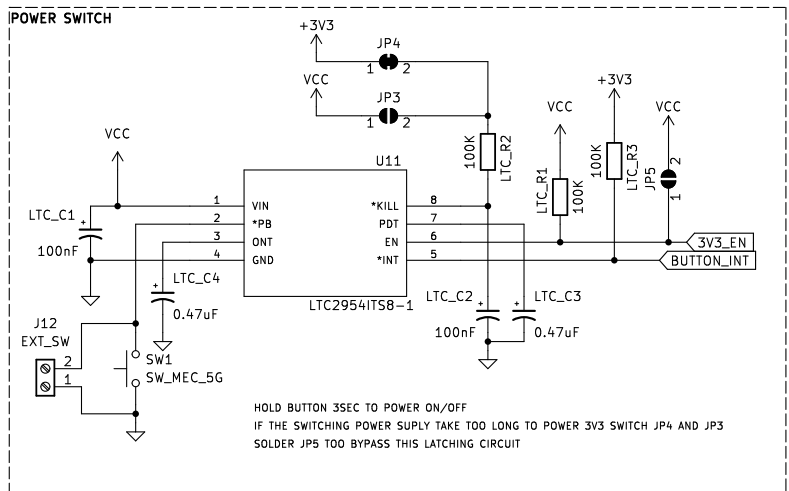
**12V ISOLATION**

!!!!!!WARNING!!!!!!

.....WARNING.....  
SOLDER JP6 TOO BYPASS THIS.  
THIS WILL ENABLE THE 12V HOT ALL TIME  
SO WE CANNOT TEST THE PYRO



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|POWER SWITCH



PYRO AND MULTIPLEX

