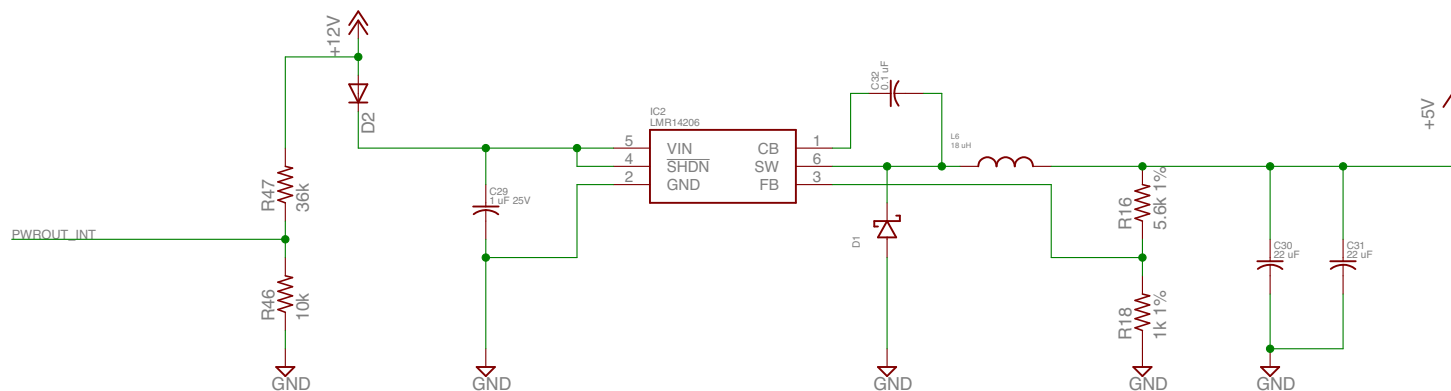


BETA

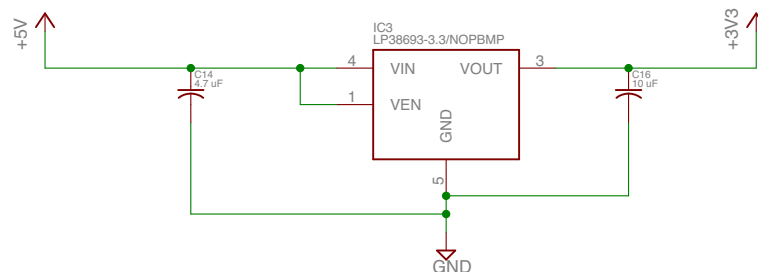


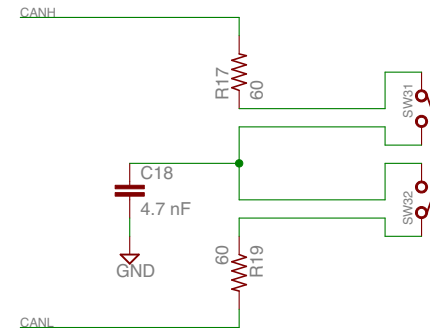
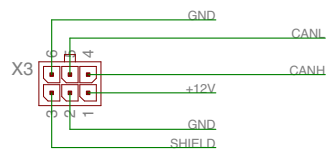
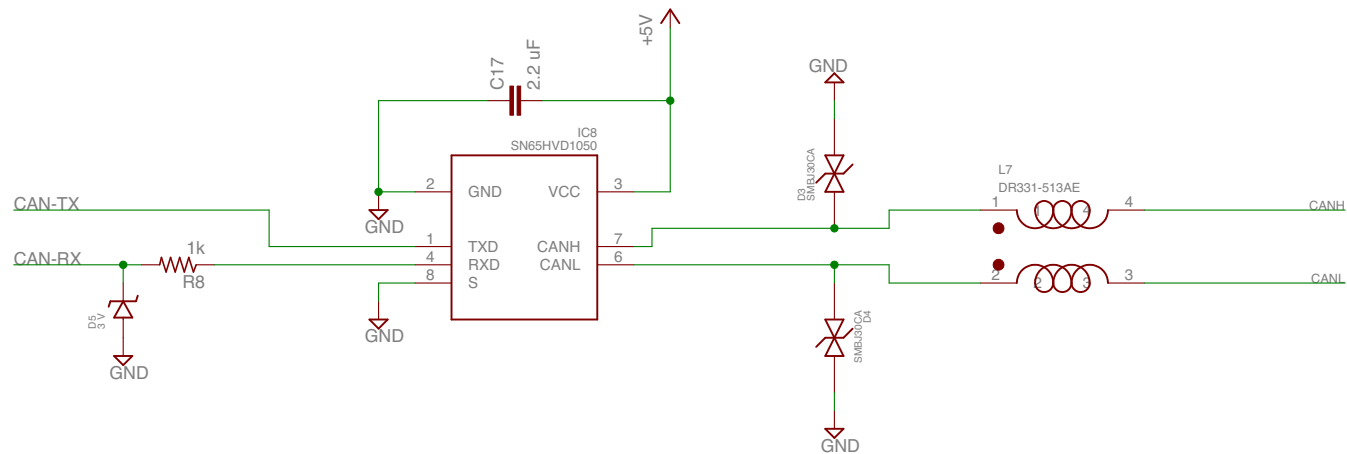
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 Revision date: v2.1.0-beta - 2015-03-23  
 Last modified date: 3/23/15 1:42 PM

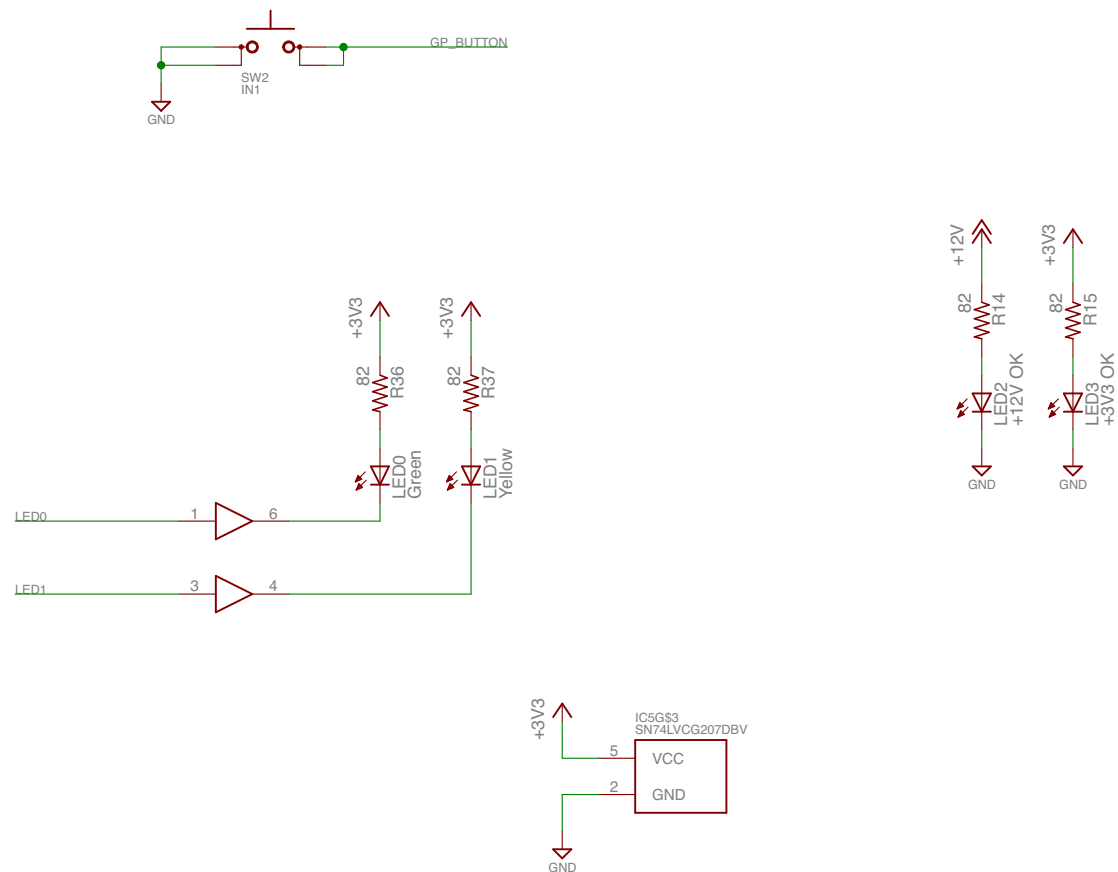


given  $R2 = 1k$   
 $R1 = R2 * ((5V / 0.765V) - 1)$   
 $= 5535.9477$   
 nearest std value 5.6k gives  $V_{out} = 5.049V$

**TODO: CHECK TOLERANCES**



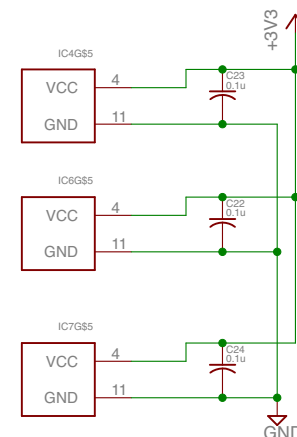
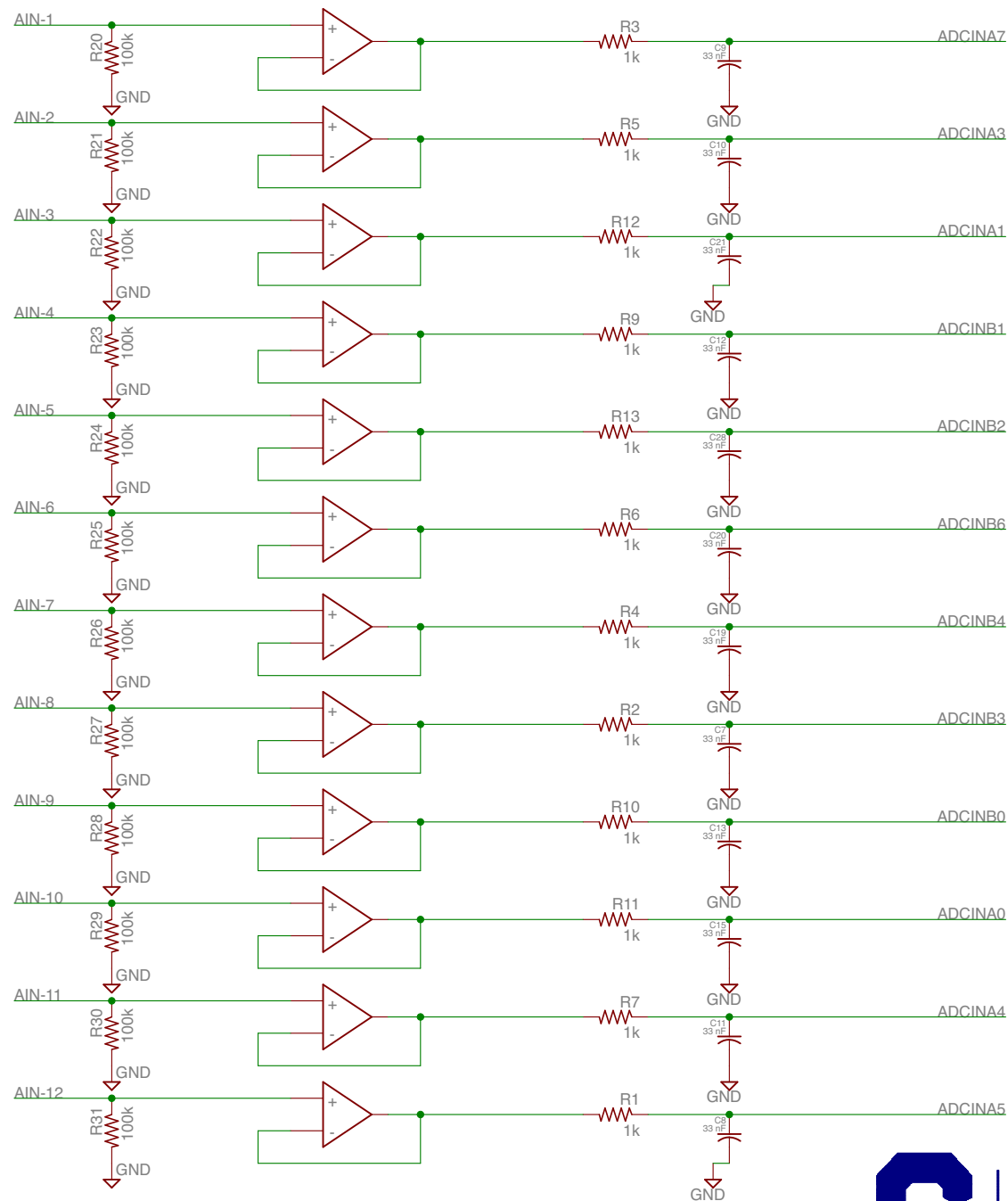




**BETA**  
12V switching, LEDs, buttons



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**BETA**  
Sensor input filters



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