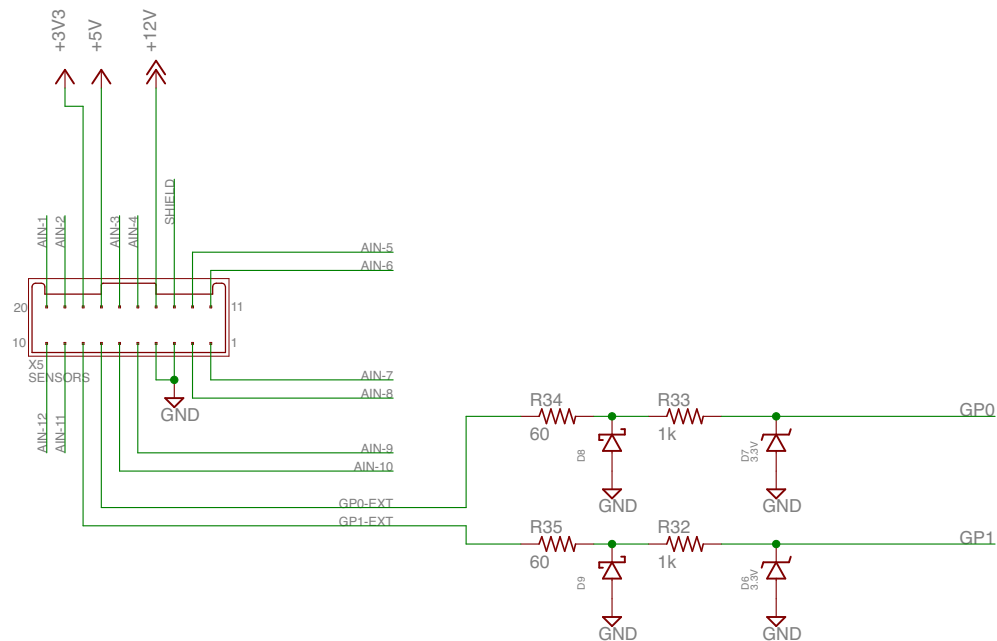
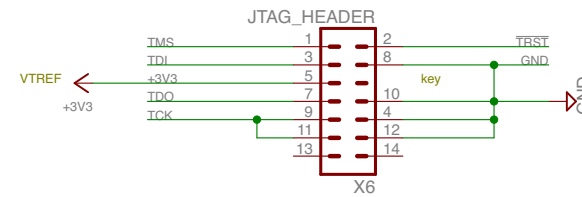
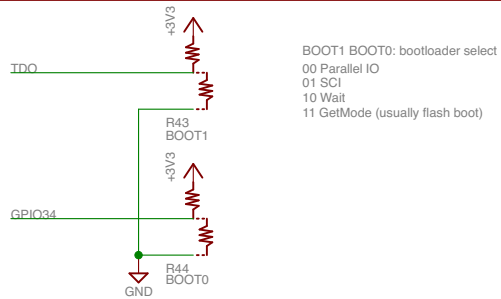




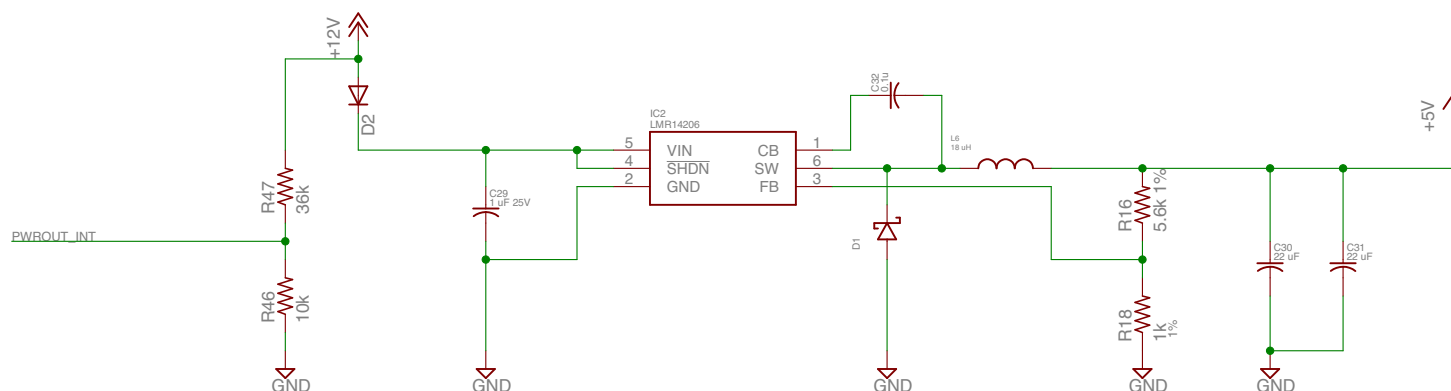
Board: Magic CAN Node
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.2.0 - 2015-12-21
 Last modified date: 12/21/15 2:06 AM



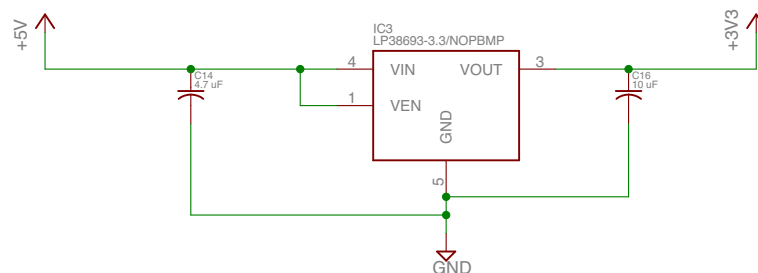
RELEASE



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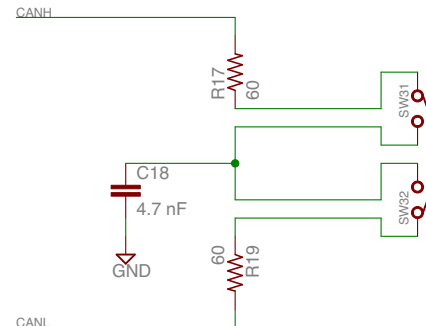
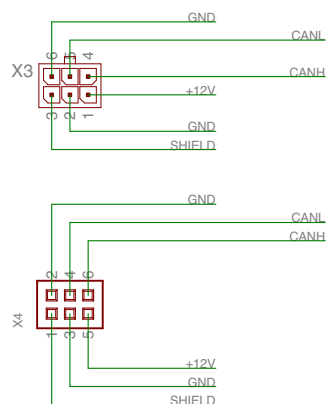
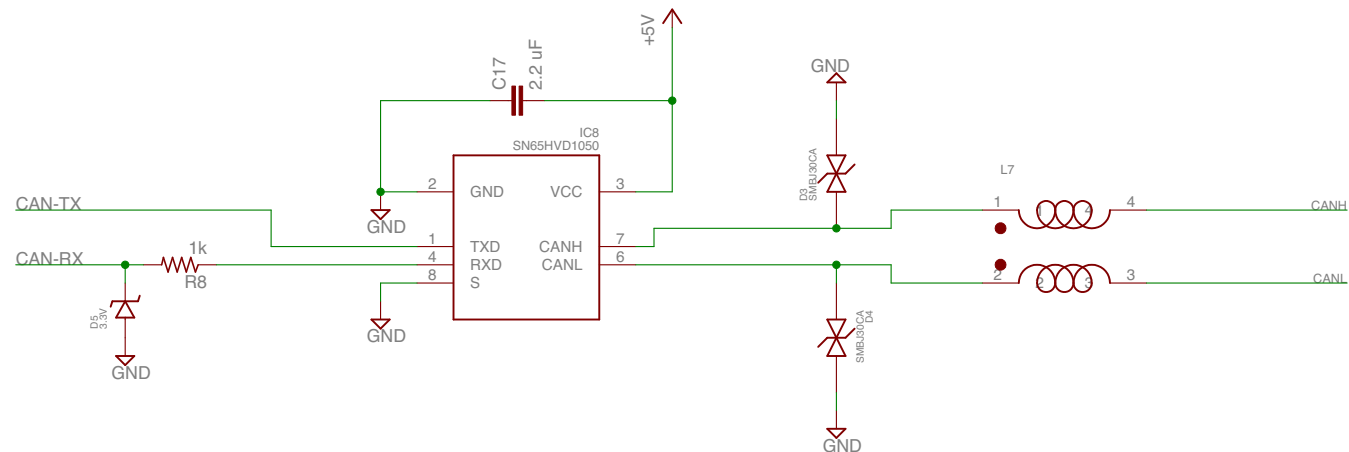
given R2 = 1k
 $R1 = R2 * ((5V / 0.765V) - 1)$
 $= 5535.9477$
 nearest std value 5.6k gives Vout = 5.049 V



RELEASE
 5V and 3V3 power



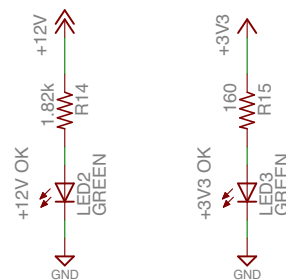
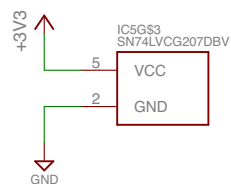
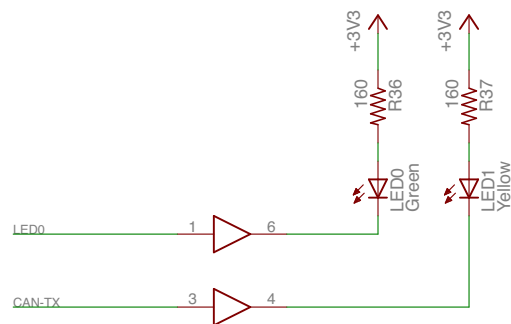
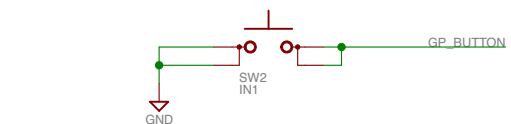
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RELEASE
Auxiliary analog input filters



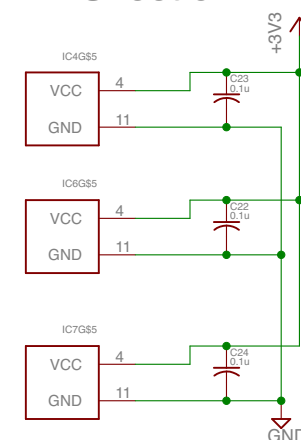
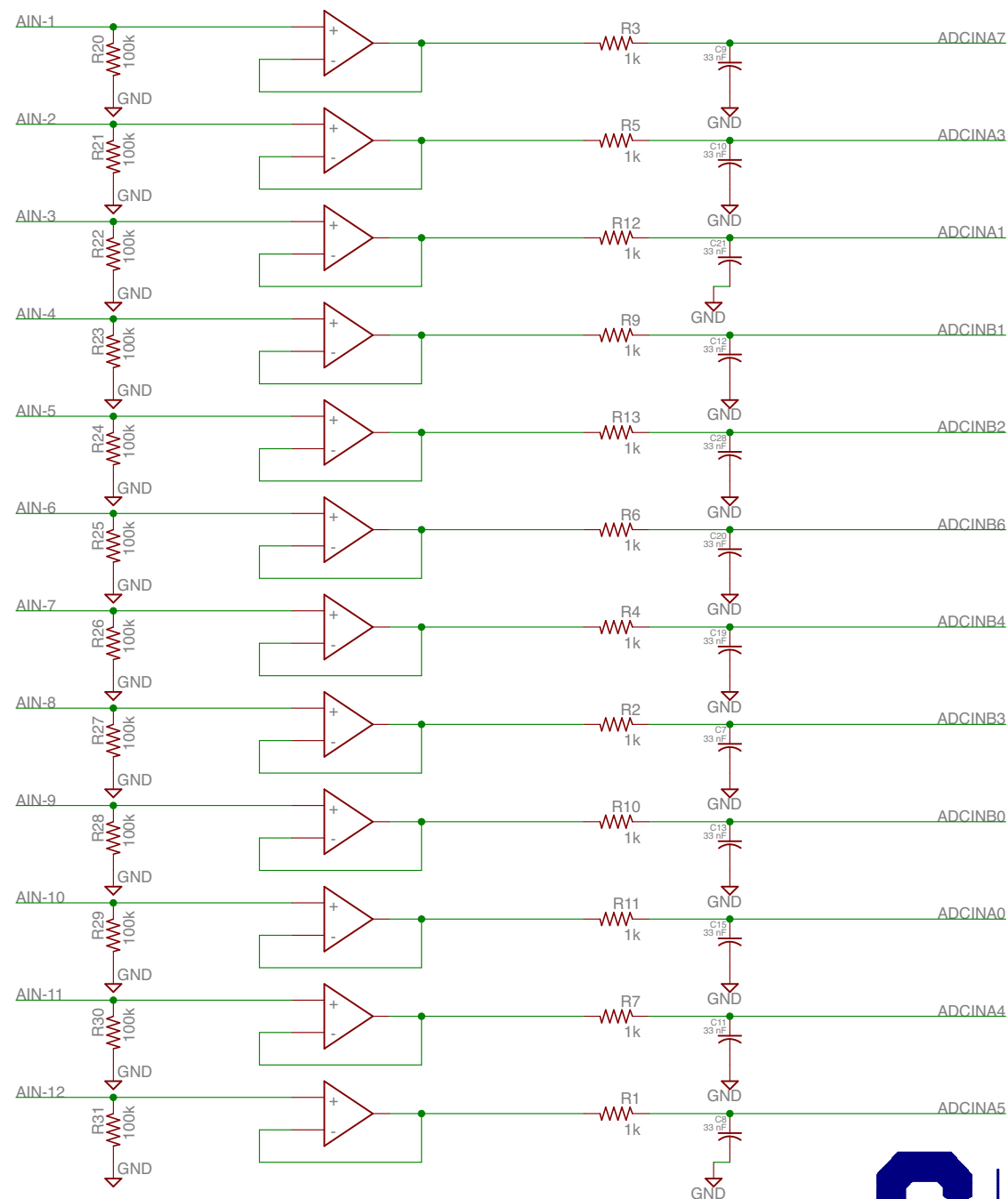
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RELEASE
12V switching, LEDs, buttons



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RELEASE
Sensor input filters



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