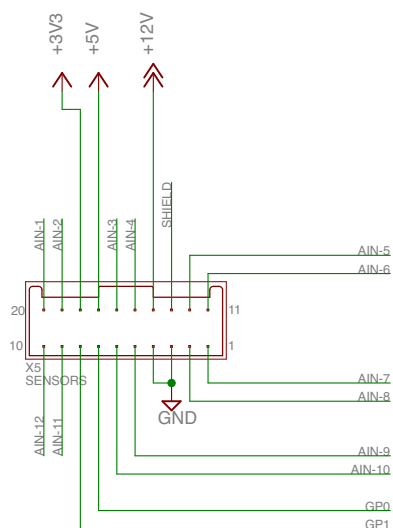
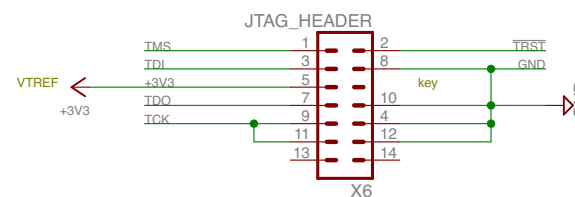
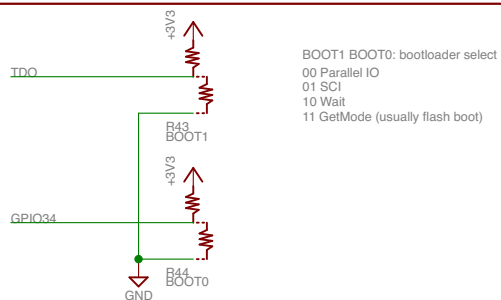


RELEASE
F28035 power and signal connections



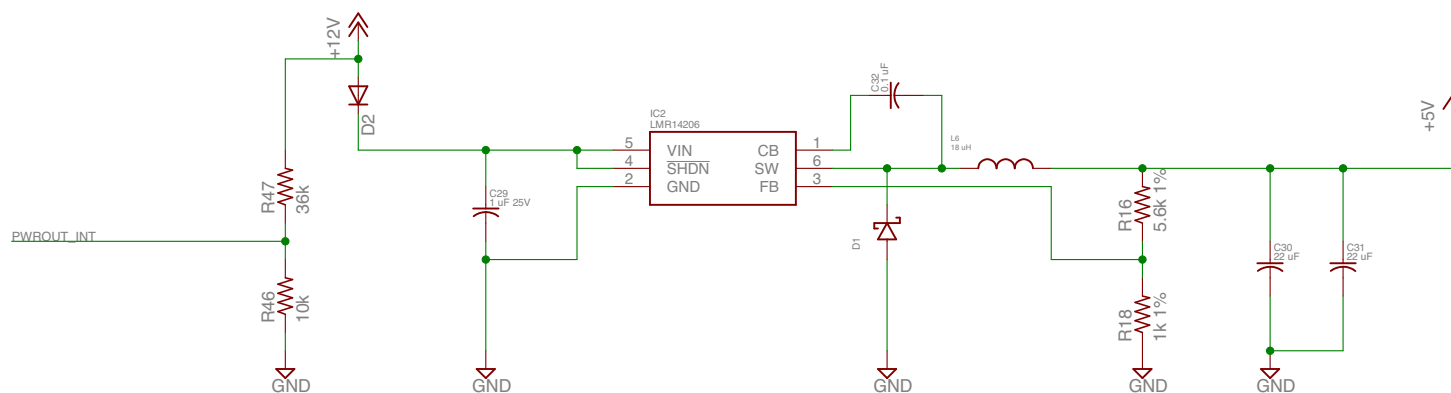
Board: Magic CAN Node
Drawn by Aaron Bonnell-Kangas
Revision date: v2.1.0 - 2015-04-07
Last modified date: 4/7/15 2:24 PM



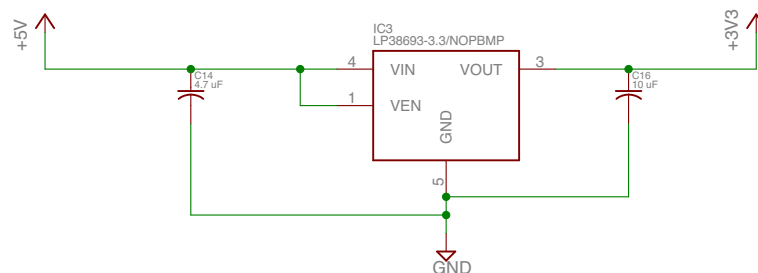
RELEASE



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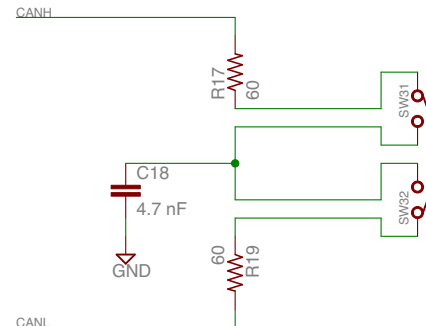
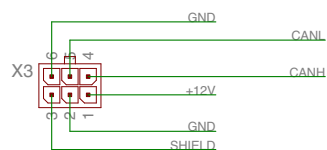
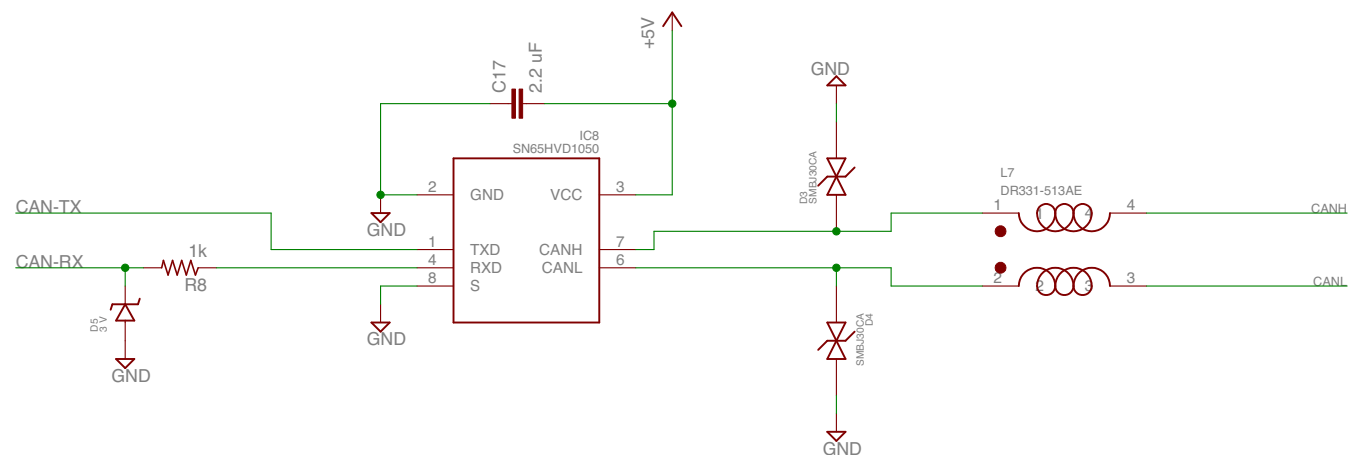
given $R2 = 1k$
 $R1 = R2 * ((5V / 0.765V) - 1)$
 $= 5535.9477$
 nearest std value 5.6k gives $V_{out} = 5.049V$



RELEASE
 5V and 3V3 power



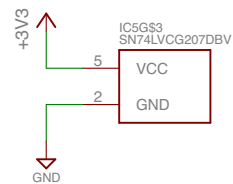
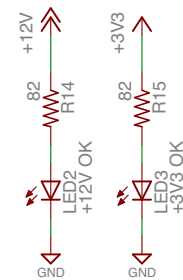
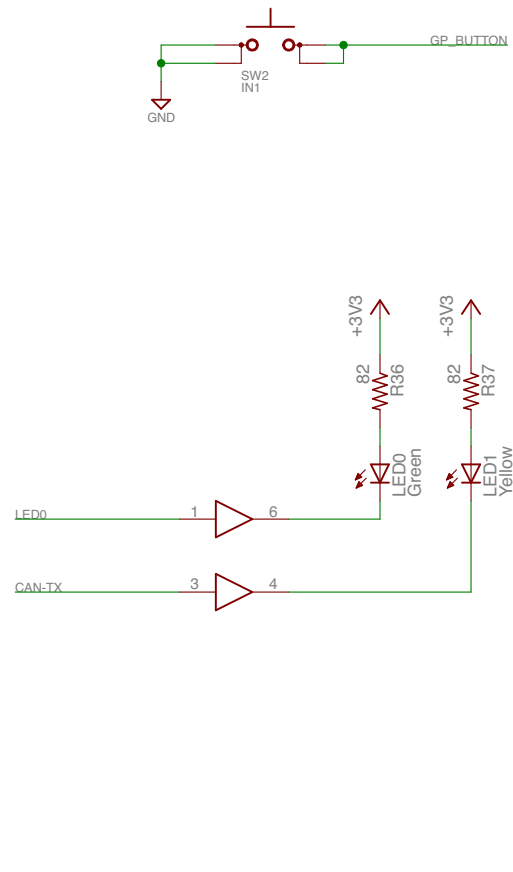
Board: Magic CAN Node
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.1.0 - 2015-04-07
 Last modified date: 4/7/15 2:24 PM



RELEASE
Auxiliary analog input filters



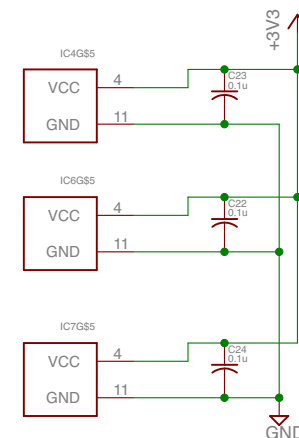
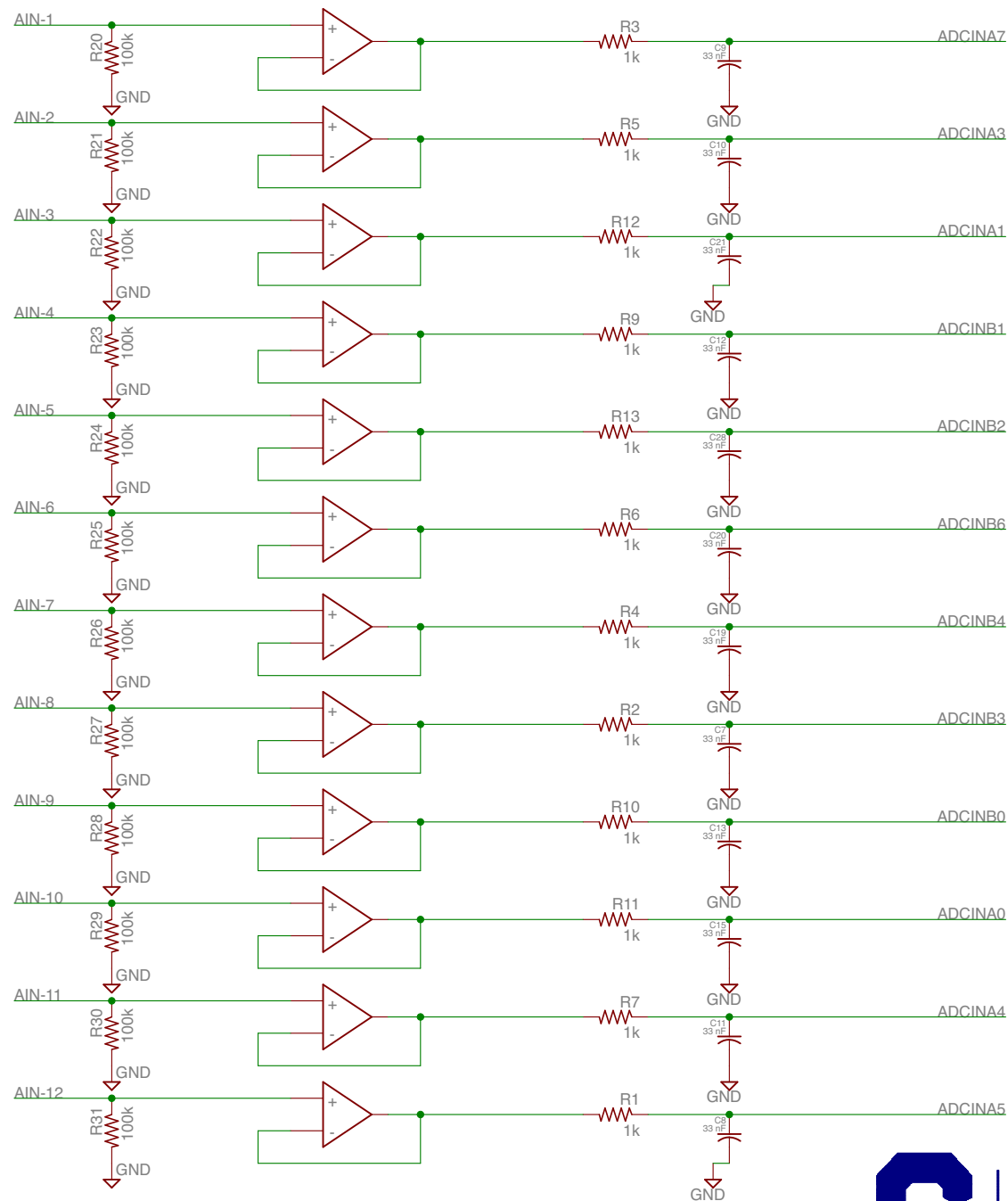
Board: Magic CAN Node
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.1.0 - 2015-04-07
 Last modified date: 4/7/15 2:24 PM



RELEASE
12V switching, LEDs, buttons



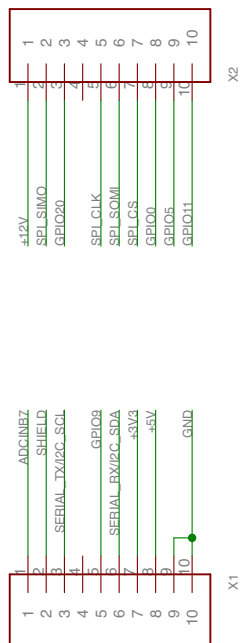
Board: Magic CAN Node
Drawn by Aaron Bonnell-Kangas
Revision date: v2.1.0 - 2015-04-07
Last modified date: 4/7/15 2:24 PM



RELEASE
Sensor input filters



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RELEASE
Sensor connector and backpack headers



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