

Title: SIB '17 - ATmega328P

Size: A

Revision: 1

Engineer: Scott Szafranski

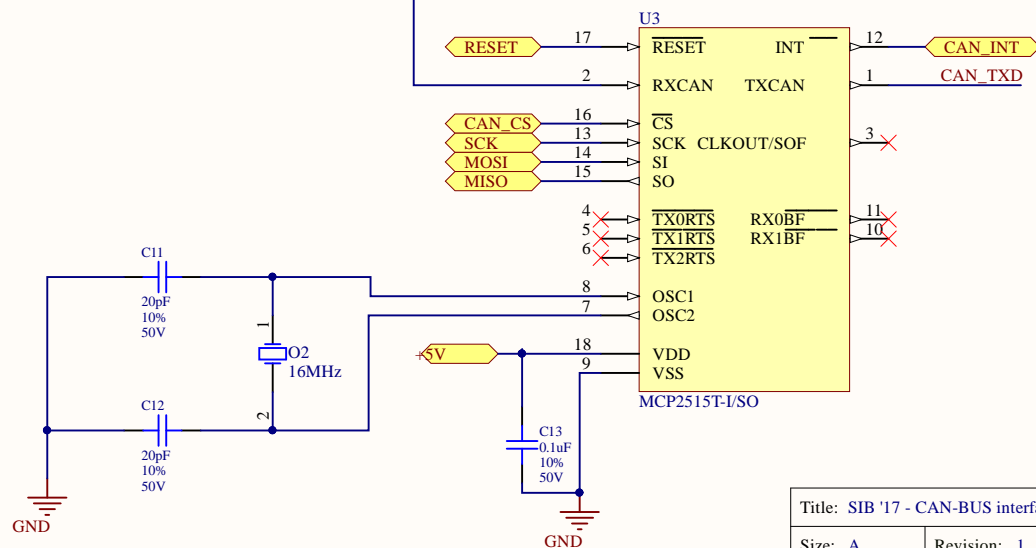
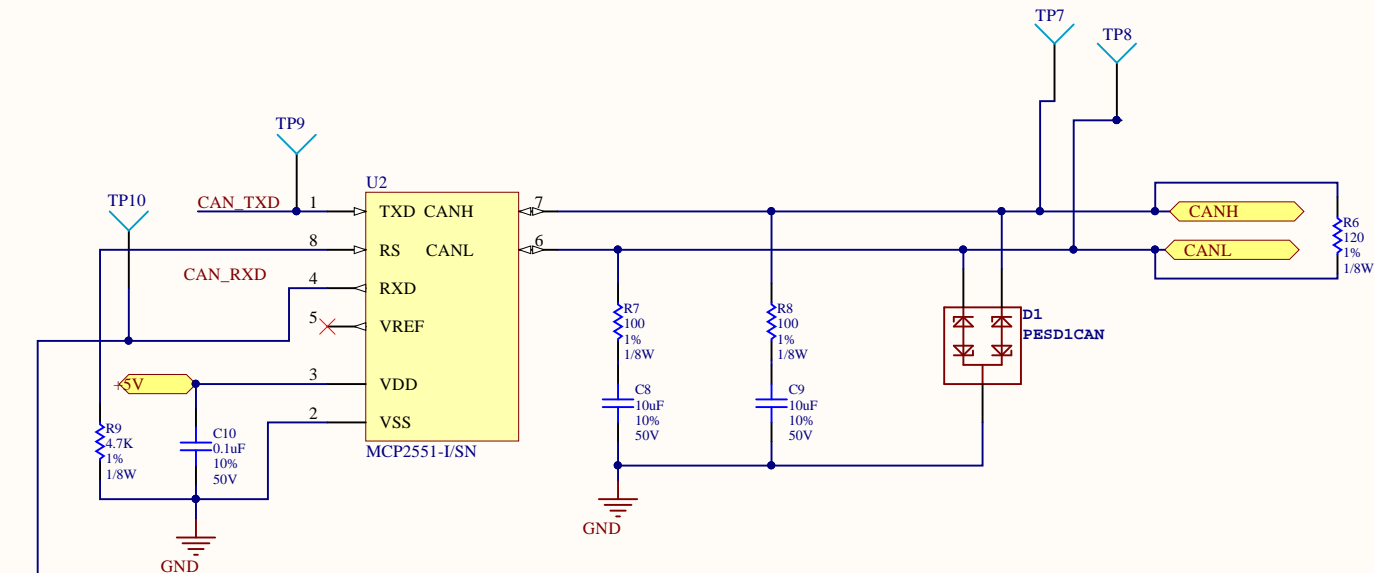
Date: 6/14/2017

Time: 7:16:47 PM

Sheet 1 of 6

File: C:\Users\grimj\Google Drive\College\SDSU\Mechatronics\Mechatronics\RoboSub Project\2017\RoboSub\Scott Szafranski





Title: SIB '17 - CAN-BUS interface

Size: A

Revision: 1

Engineer: Ryan Young

Date: 6/14/2017

Time: 7:16:47 PM

Sheet 2 of 6

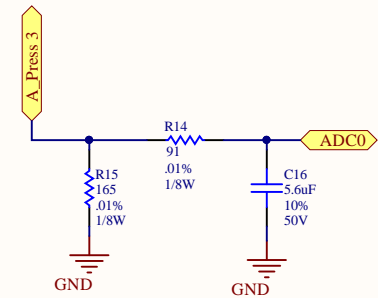
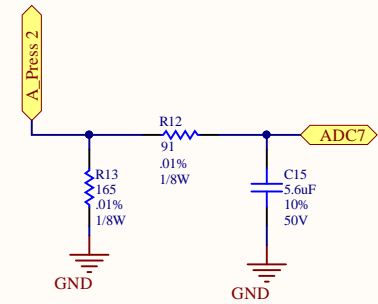
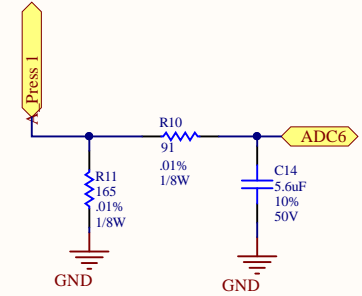
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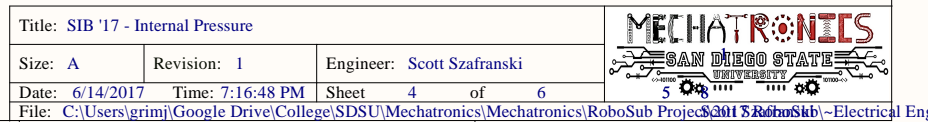


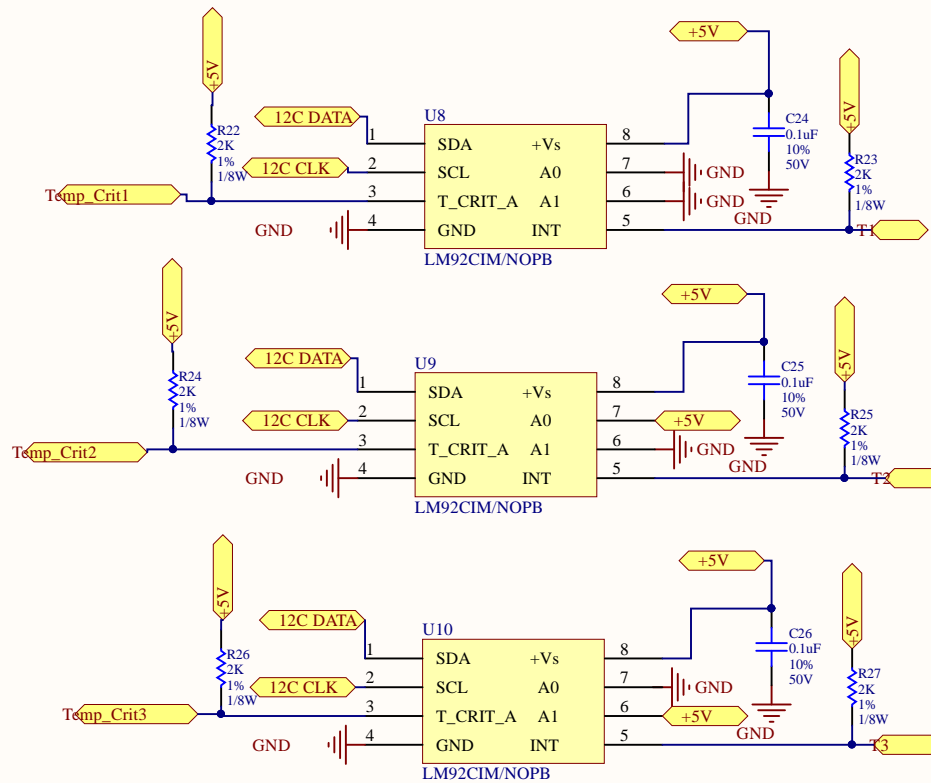
165 Ohm Resistor for current sense, the rest is
"open" to DC -
4mA yields 0.66V
20mA yields 3.3V

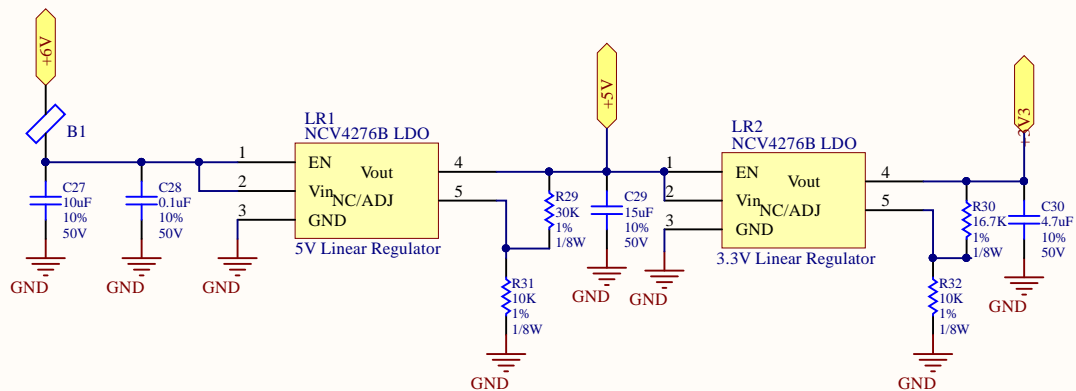
Cutoff frequency = $91 * 2.2u * 2\pi = 795\text{Hz}$

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Title: SIB '17 - Voltage Regulation

Size: A

Revision: 1

Engineer: Scott Szafranski

Date: 6/14/2017

Time: 7:16:48 PM

Sheet 6 of 6

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