

P1B

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

Phoenix Header 10  
GND

H1B  
3 inch Holes (8-32)  
Holes - x inch

U\_Power Conditioning  
Power Conditioning.SchDoc

24V Thrust Out  
24V Batt2  
24V Elec. Out  
Kill Elec  
24V Batt1  
SHDN  
Pwr\_Sense 1  
Pwr\_Sense 2  
Elec. Pwr Ctrl  
Power\_Ctrl

U\_Microcontroller  
Microcontroller.SchDoc

Master Pwr Ctrl  
Elec. Power Ctrl  
I1  
I2  
I3  
V1  
V2  
V3  
SHDN  
SDA  
SCL

Power Board.PrjPcb

Title **Power Board.SchDoc**

Underwater Robotics  
c/o Student Involvement  
Campus Box 7306  
2016 Cates Ave. Raleigh, NC 27695

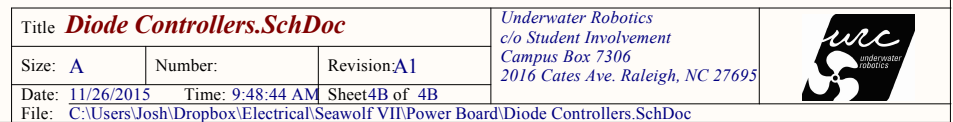


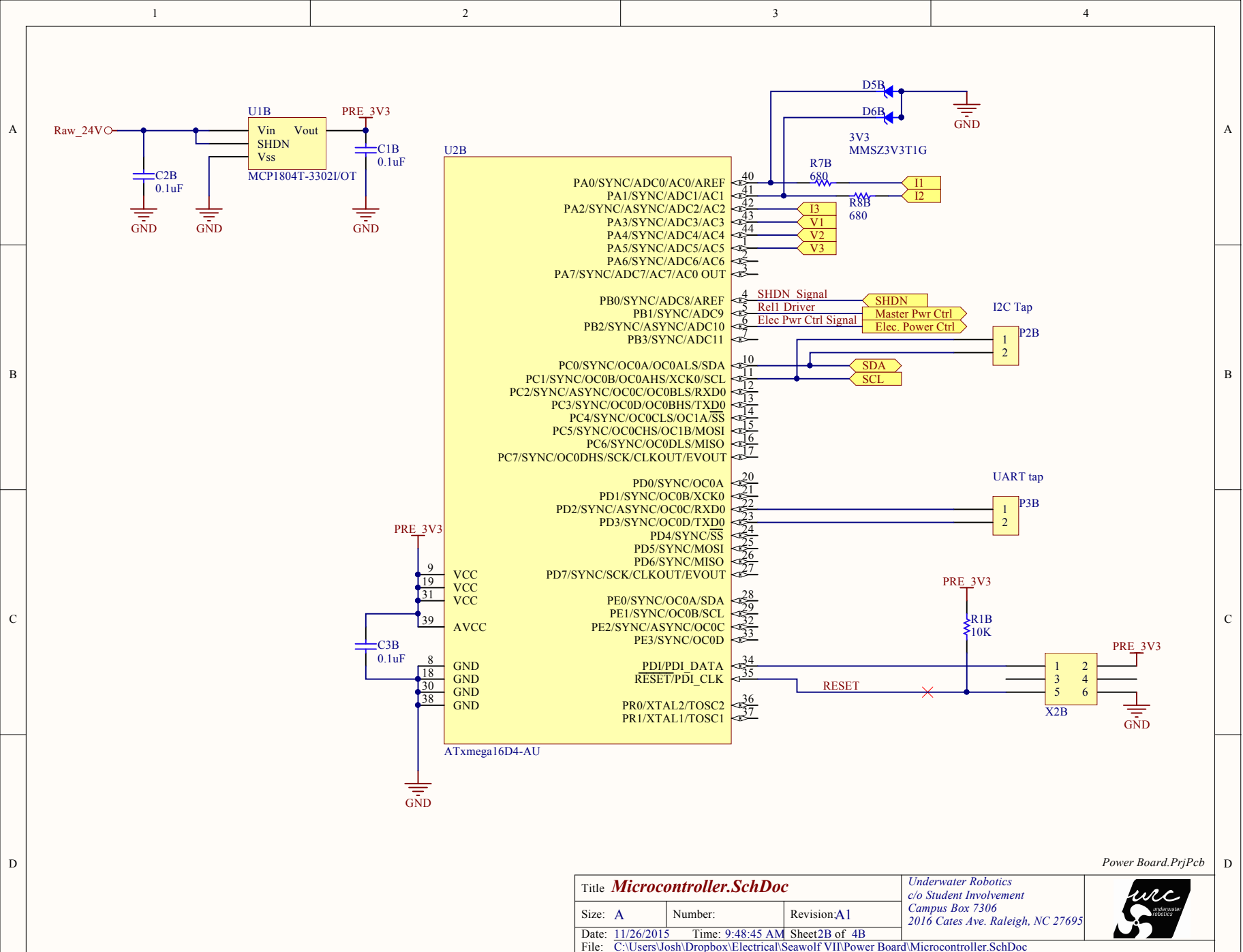
Size: A Number: Revision: A1

Date: 11/26/2015 Time: 9:48:44 AM Sheet 1B of 4B

File: C:\Users\Josh\Dropbox\Electrical\Seawolf VII\Power Board\Power Board.SchDoc







# Microcontroller.SchDoc

Size: A

Number:

Revision: A1

Date: 11/26/2015

Time: 9:48:45 AM

Sheet 2B of 4B

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Power Board.PrjPcb