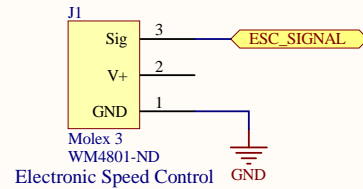
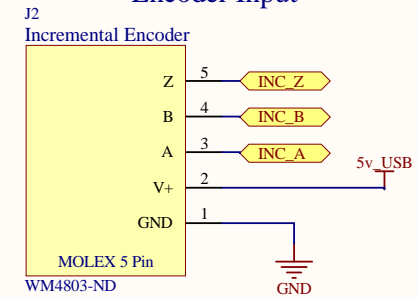


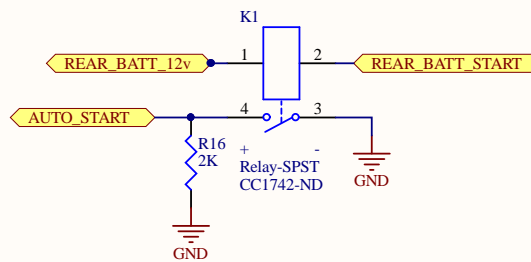
ESC Output



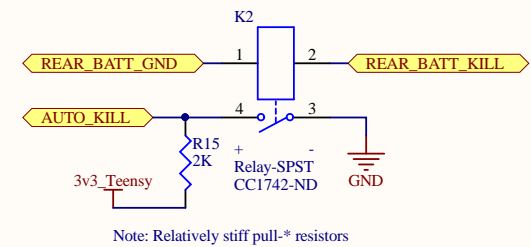
Encoder Input



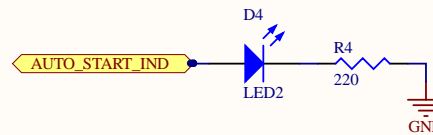
Starter Relay



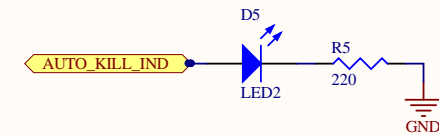
Kill Relay



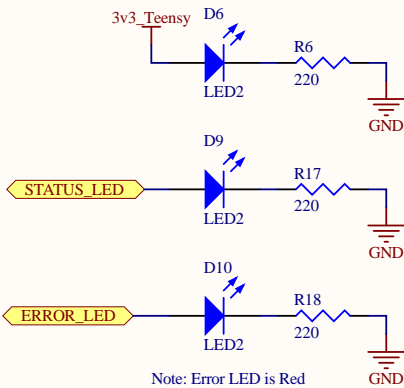
Starter Indicator



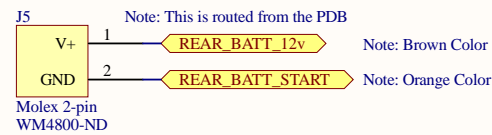
Kill Indicator



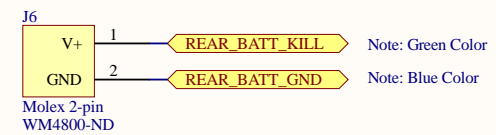
Indicator LEDs



Rear Start Interface

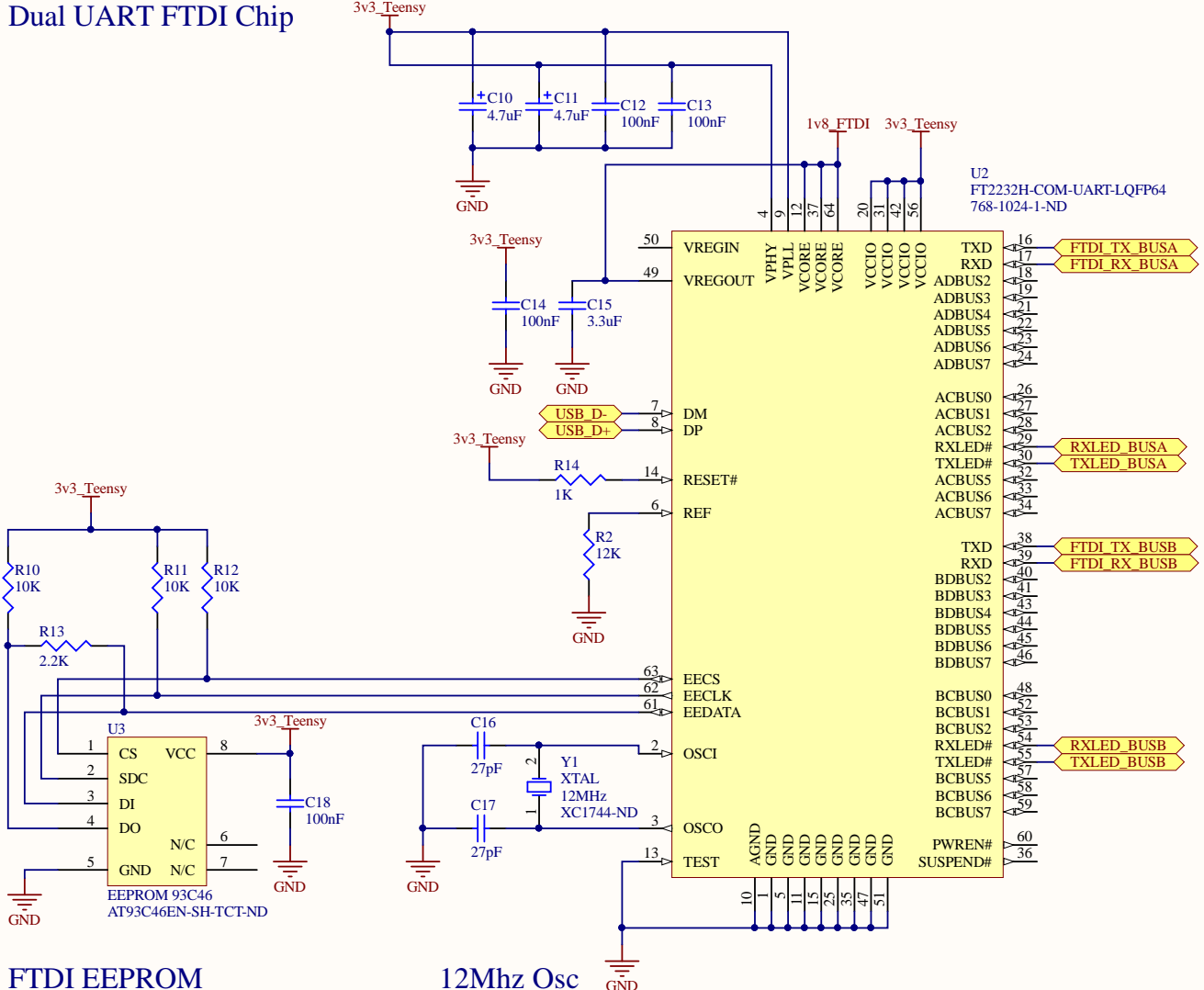


Rear Kill Interface



Title Microcontroller.SchDoc			
Size: A4	Number: 1	Engineer: Nick McComb	
Date: 3/9/2016	Time: 2:36:01 PM	Sheet 1 of 3	
File: C:\Users\Nick\Google Drive\PCB Designs\ROSSEBoxAuxillary\Microcontroller.SchDoc			

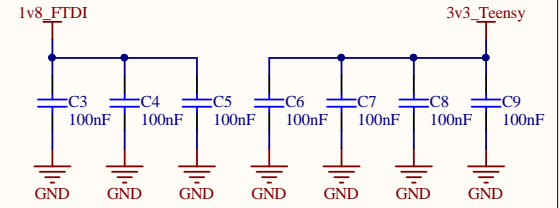
Dual UART FTDI Chip



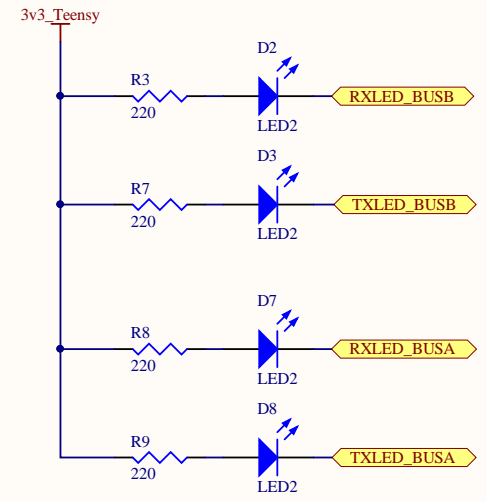
FTDI EEPROM

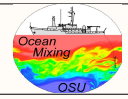
12Mhz Osc

Filtering Caps

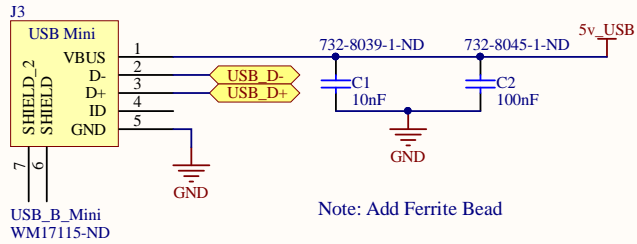


Status LEDs

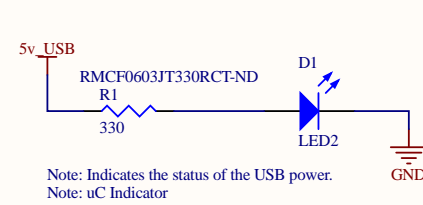


Title: FTDI.SchDoc			 Ocean Mixing Group Oregon State University Corvallis, OR
Date: 3/9/2016	Number: 2	Engineer: Nick McComb	
Time: 2:36:01 PM	Sheet 2 of 3		
File: C:\Users\Nick\Google Drive\PCB Designs\ROSSEBoxAuxillary\FTDI.SchDoc			

Microcontroller USB Connection

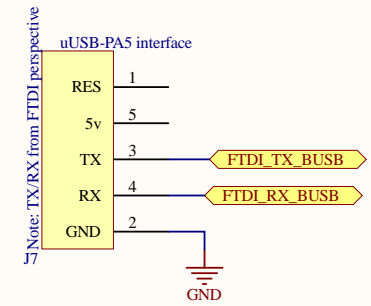
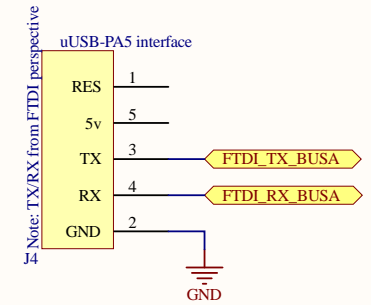


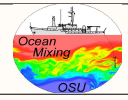
FTDI Status Indicators



USB To Serial Backup

Note: Backup, do not populate unless onboard FTDI chips do not work



Title FTDI Aux.SchDoc			 Ocean Mixing Group Oregon State University Corvallis, OR
Size: A4	Number: 3	Engineer: Nick McComb	
Date: 3/9/2016	Time: 2:36:01 PM	Sheet 3 of 3	
File: C:\Users\Nick\Google Drive\PCB Designs\ROSSEBoxAuxillary\FTDI Aux.SchDoc			