Controller
Controller.SchDoc

MP1
Mech. Part
Mounting Hole

MP2
Mech. Part
Mounting Hole

MP3
Mech. Part
Mounting Hole

MP4
Mech. Part
Mounting Hole

FID1
FIDUCIAL

FID2
FIDUCIAL

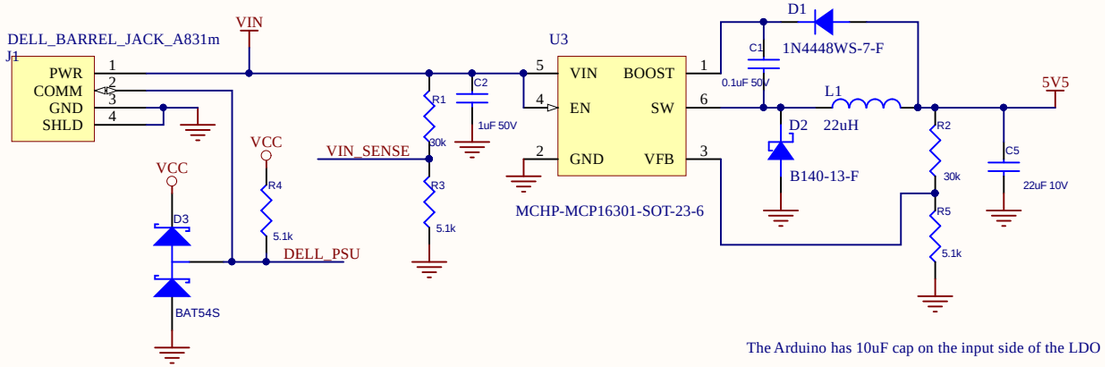
FID3
FIDUCIAL

Component Selection Requirements

Operating Temperature Range: (-40C to 71C)
Preferred Passive Case US: 0603
Minimum Passive Case US: 0603

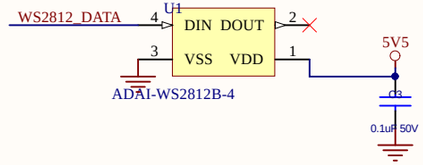
Title	**Main Board - Top Level**		
	Project: JBC - Soldering Controller	Company: -	
Date: 7/16/2017		Sheet: 1	
File: TopLevel.SchDoc		Author: Tim Jager	

POWER INPUT

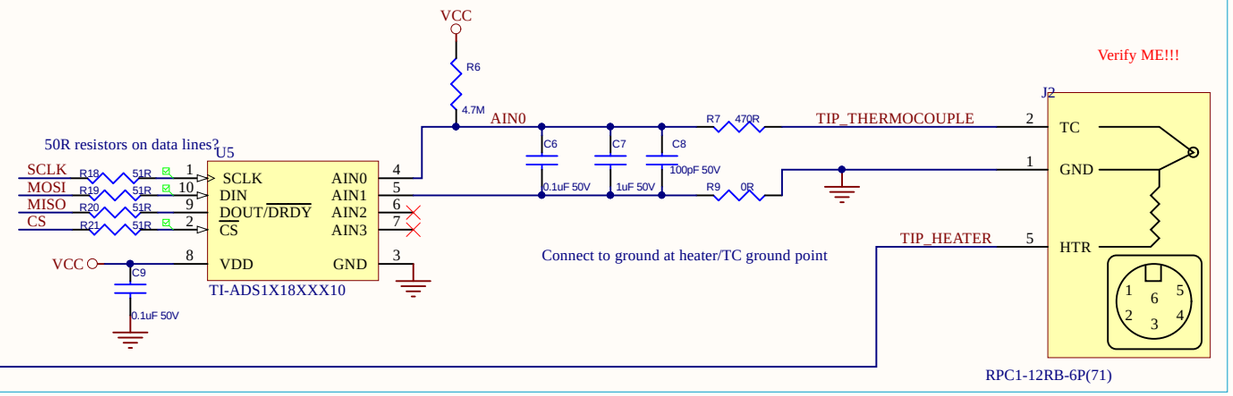


The Arduino has 10uF cap on the input side of the LDO

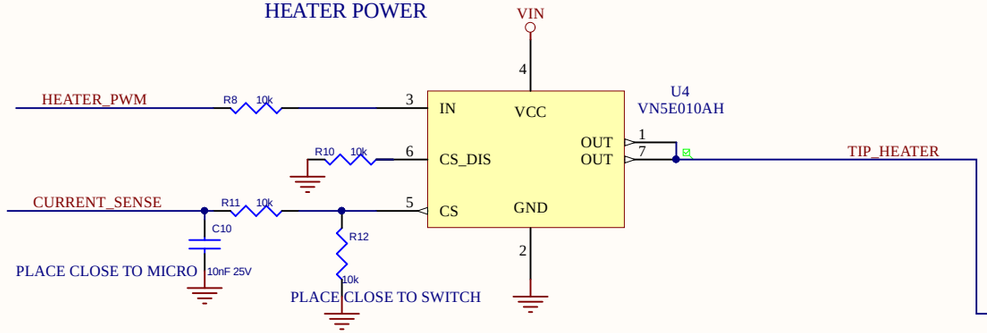
RGB LEDs



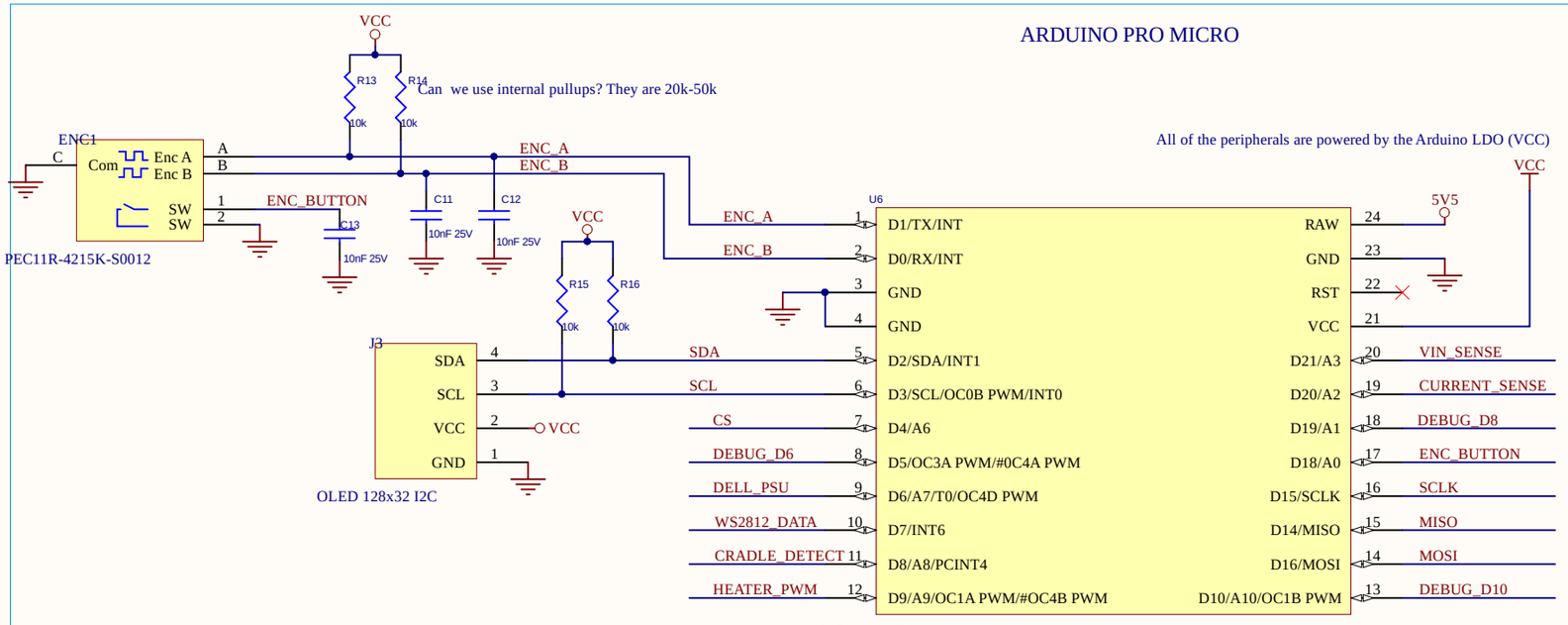
ADC

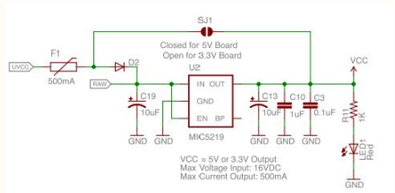


HEATER POWER

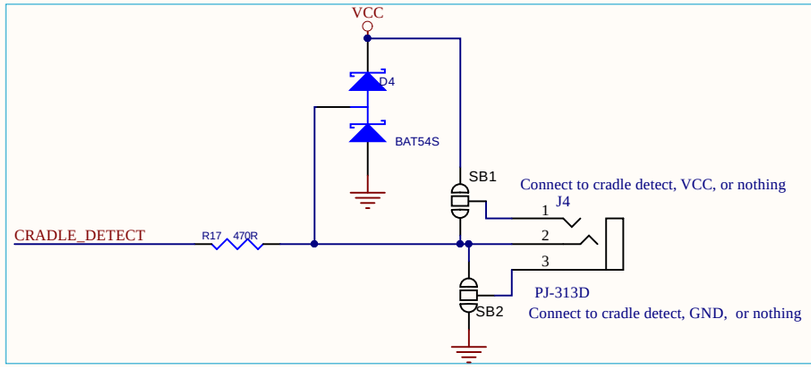


ARDUINO PRO MICRO






```
//Pin Mapping
const int ENC_A       = 0;
const int ENC_B       = 1;
const int I2C_SDA     = 2;
const int I2C_SCL     = 3;
const int SPARE_4     = 4;
const int DELL_PSU    = 5;
```



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