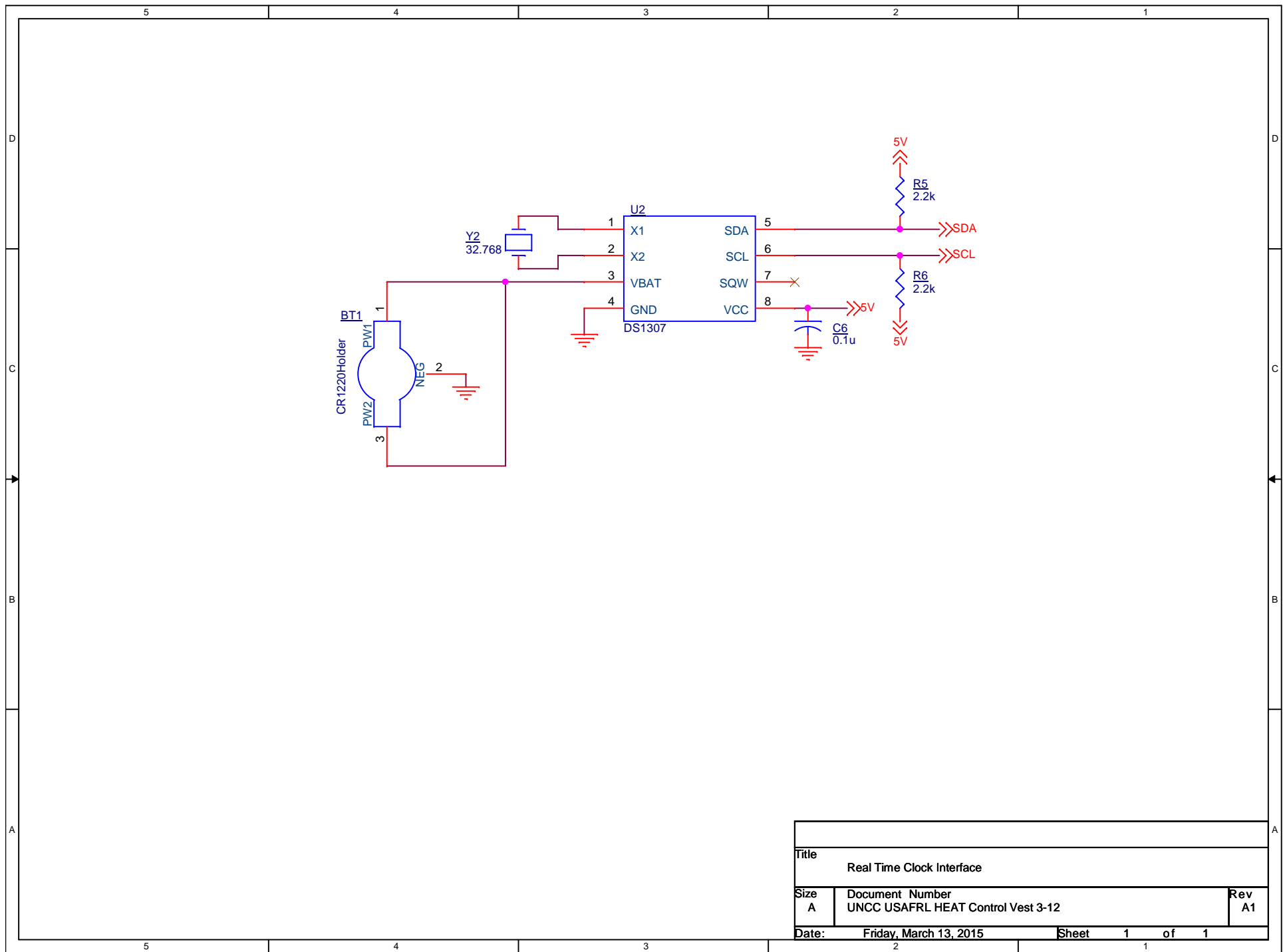


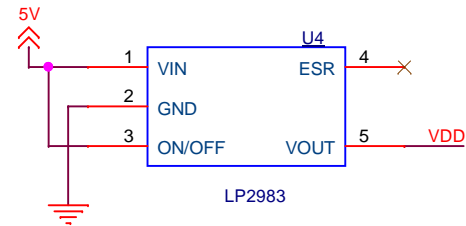
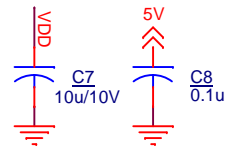
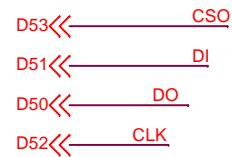
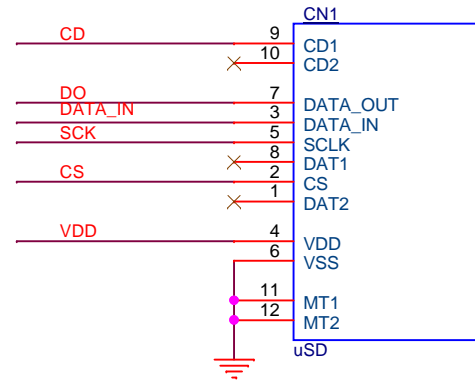
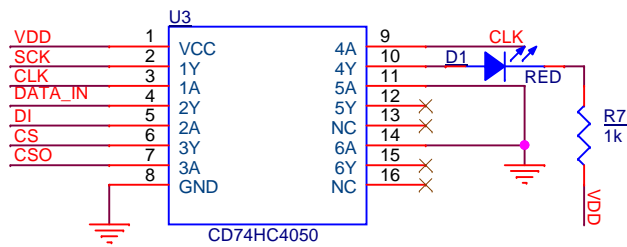
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ATMega2560 Essentials and ICSP			
Size	Document	Number	Rev
B	UNCC USAFRL HEAT Control Vest 2-12		A1
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REV	Description	DATE	BY
A1	Initial Layout	03/04/2015	MT

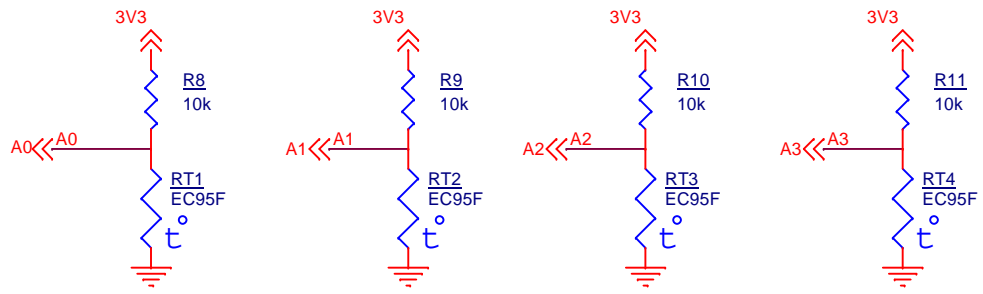
PAGE NO.	SCHEMATIC PAGE
1	COVER PAGE
2	Processor ATmega 2560
3	Real Time Clock
4	microSD
5	Thermistors
6	Thermocouples
7	PIC16F913 Heart Rate Monitor
8	Esp8266 WiFi Module
9	Accelerometer
10	Power Regulation
11	Programming Interface

Title			
UNCC USAFRL HEAT Control Vest			
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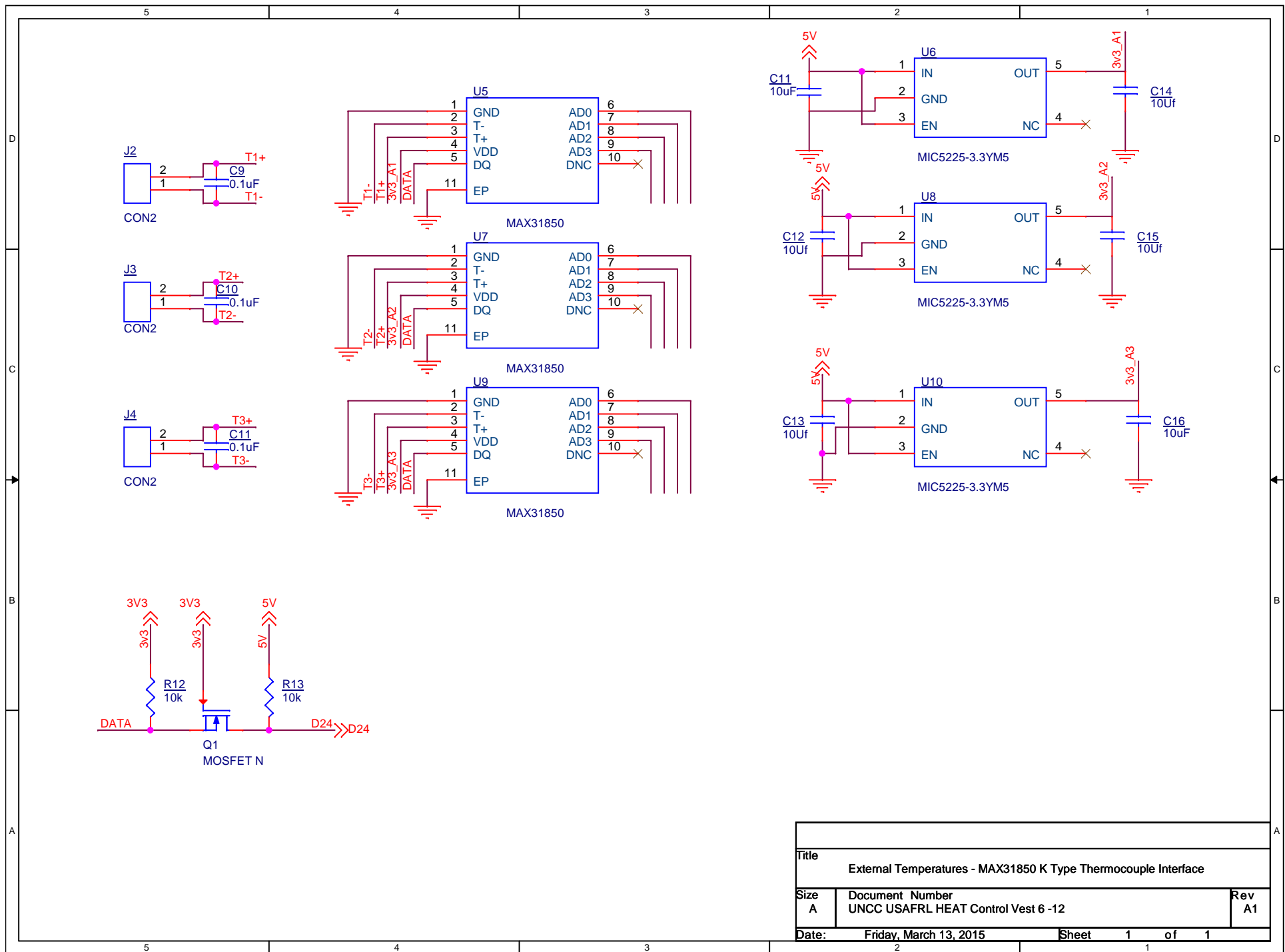


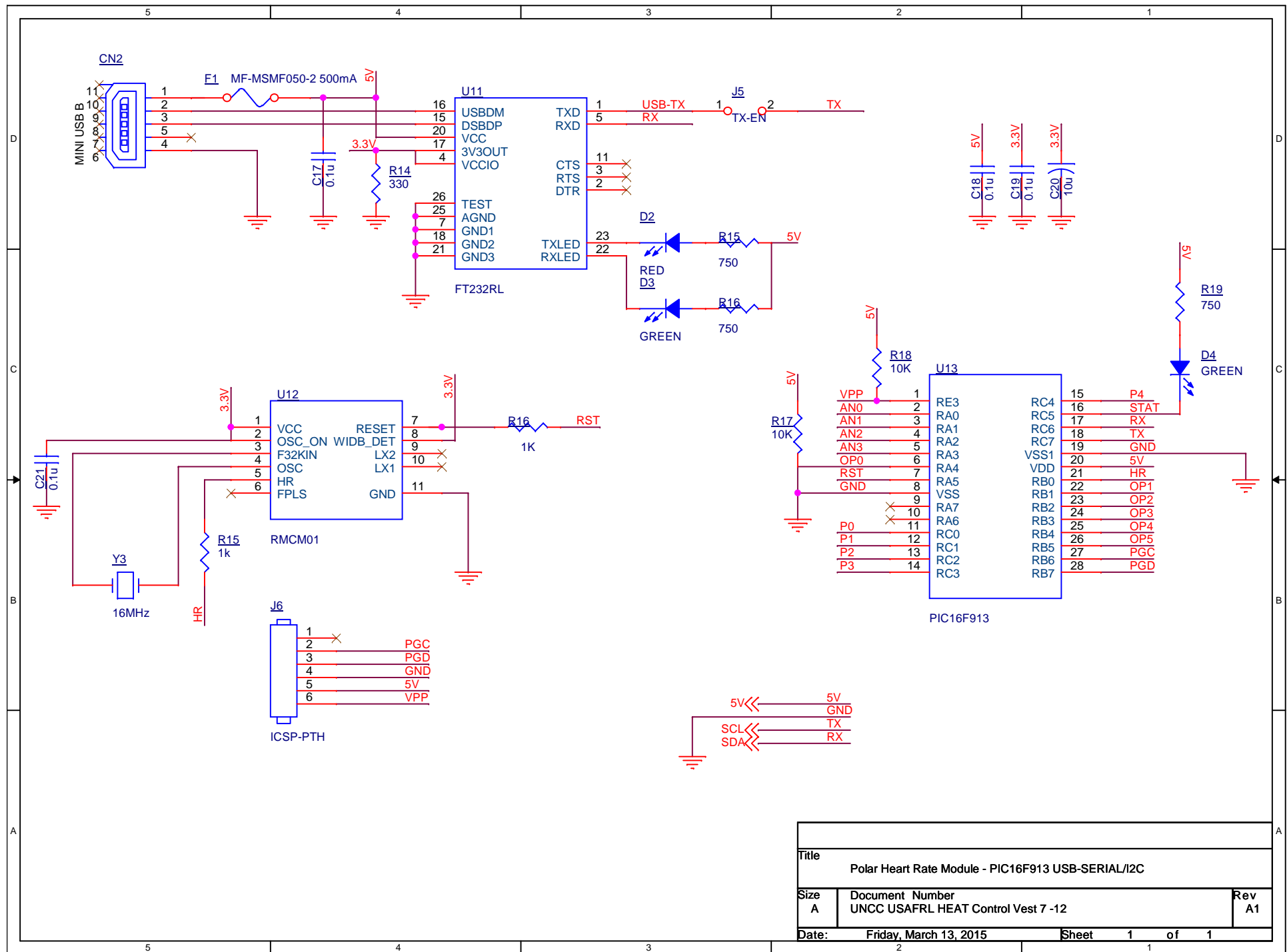


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A	UNCC USAFRL HEAT Control Vest 4-12	A1
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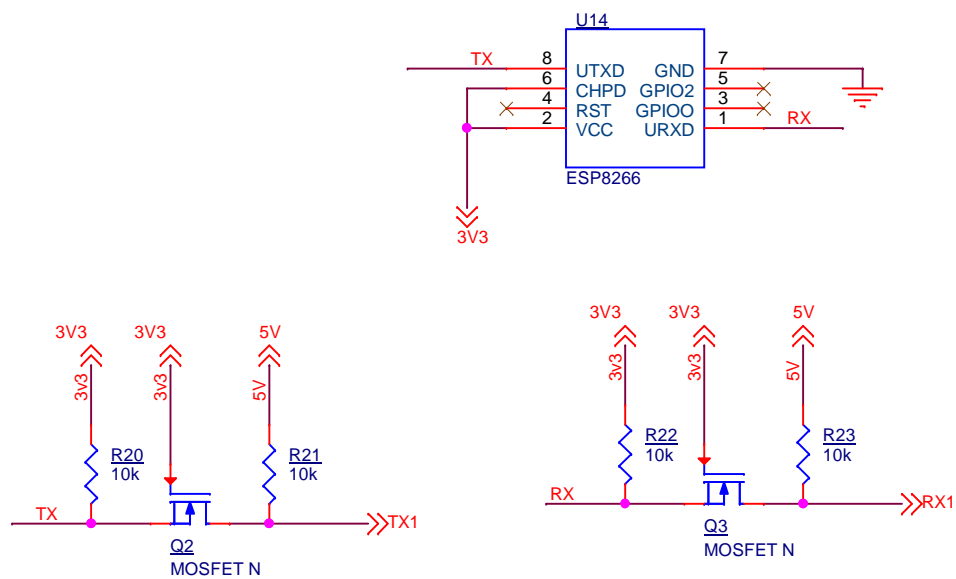


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Body Heat Interface-EC95F 10k Thermistors		
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A	UNCC USAFRL HEAT Control Vest 5-12	A1
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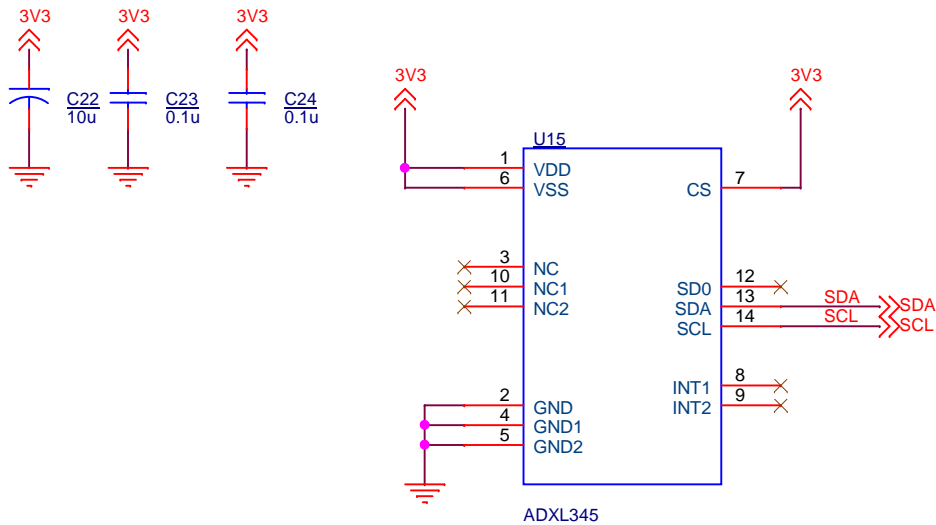


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Polar Heart Rate Module - PIC16F913 USB-SERIAL/I2C		
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Datalink - Serial to WiFi ESP8266		
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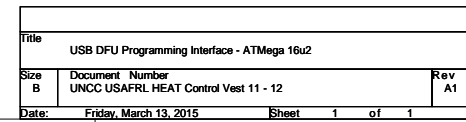




ADXL345  
analog sda (A4) and scl (A5)

Title		
Tilt Sensor - ADXL345		
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MultiRPM Compressor Control - Digital Potentiometer and ADJ LDO Reg		
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