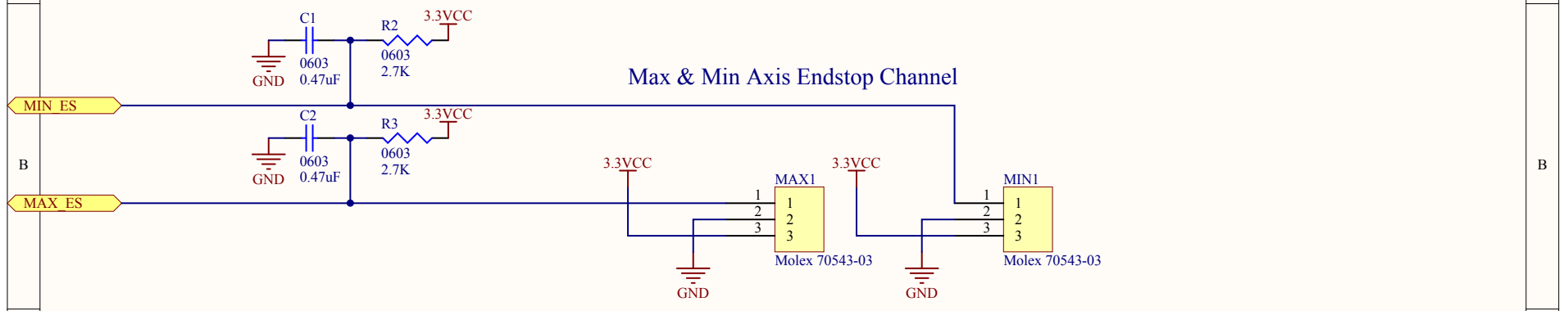
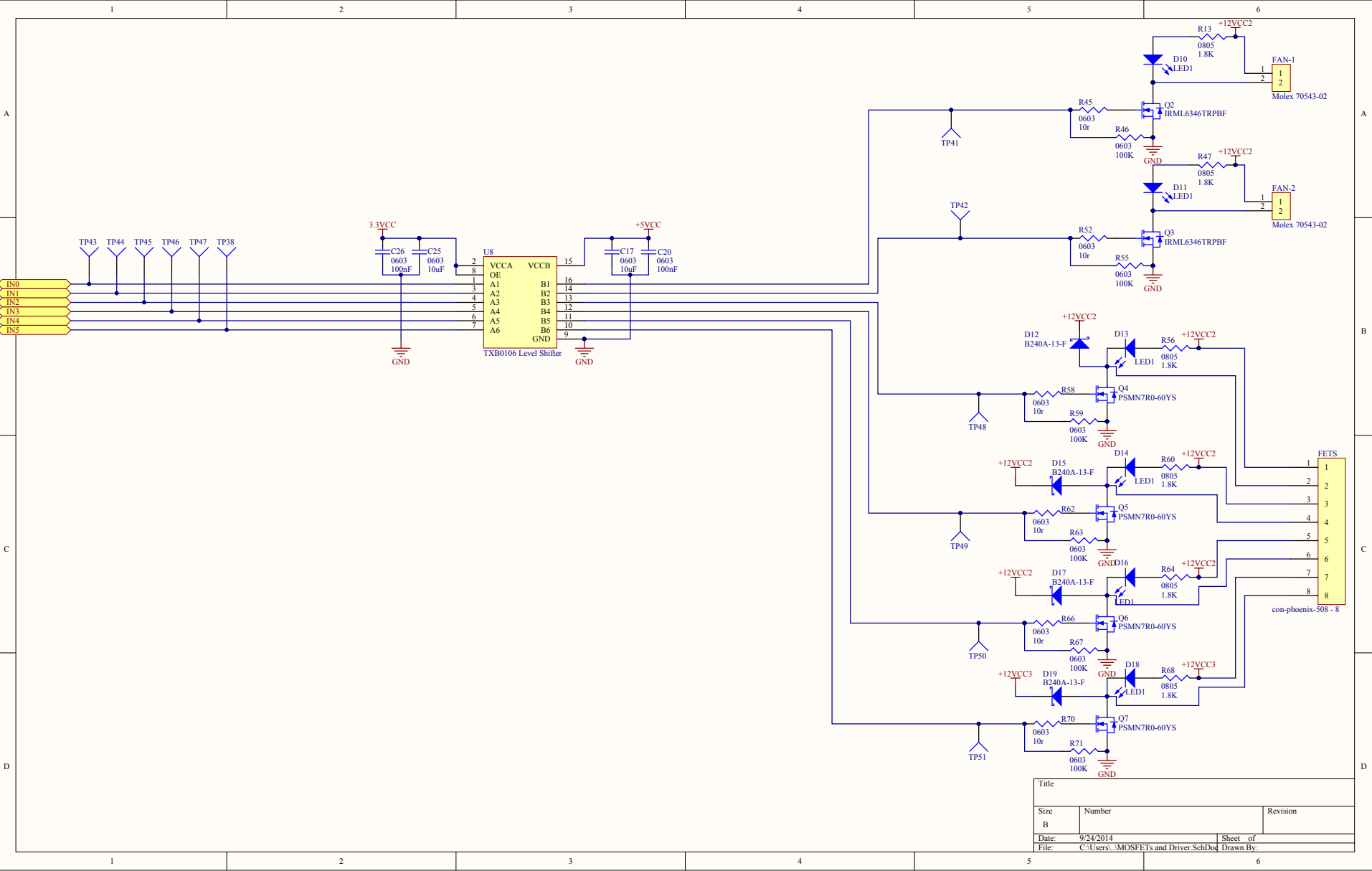
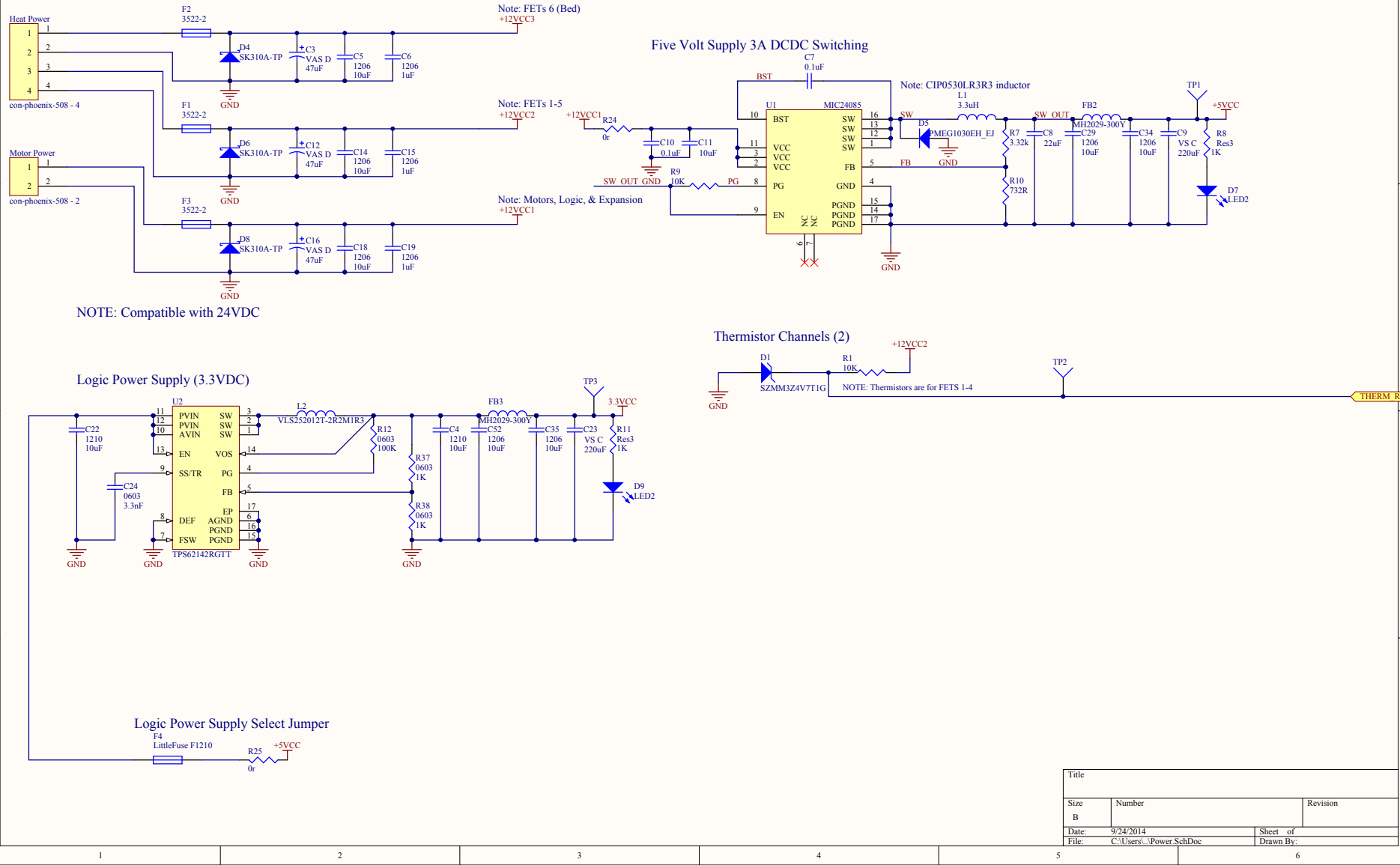


End Stop Channel

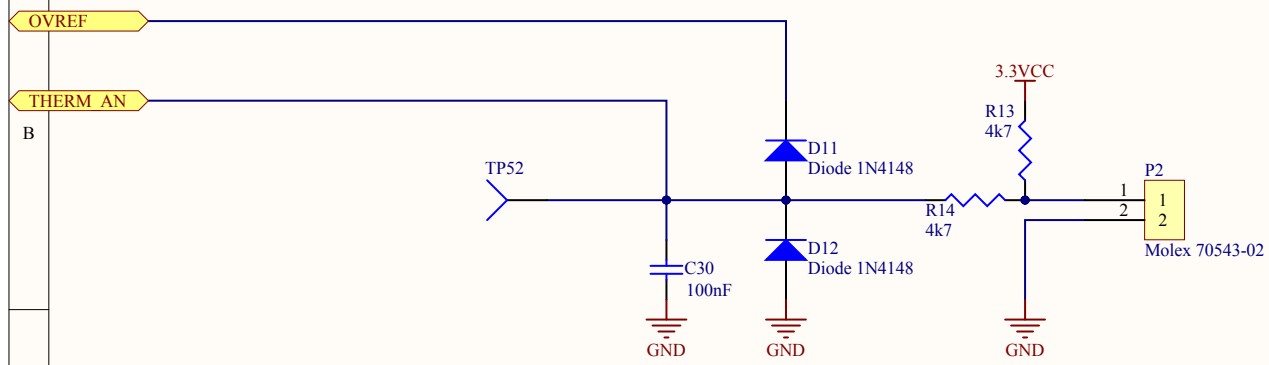


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Size A	Number	Revision
Date:	9/24/2014	Sheet of
File:	C:\Users\...\Endstop Channel.SchDoc	Drawn By:



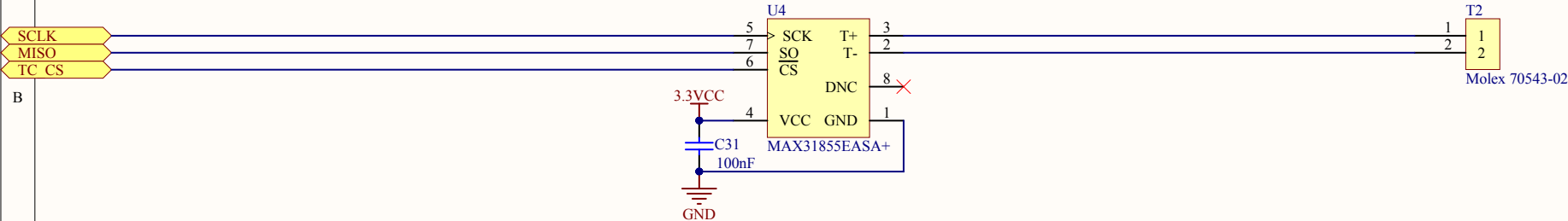


Thermistor Channel

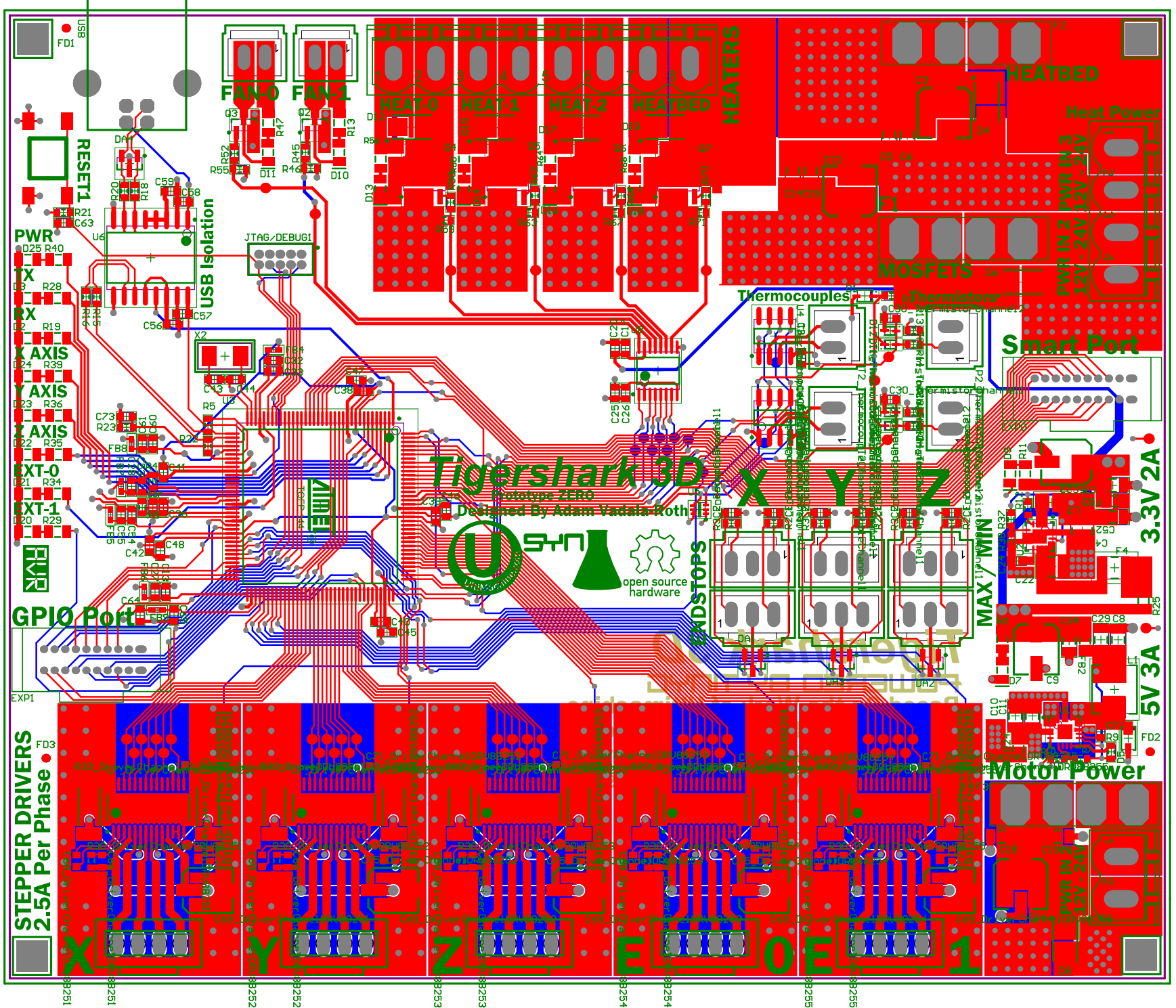


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Date: 9/24/2014	Sheet of	
File: C:\Users\...\Thermistor Channel.SchDoc	Drawn By:	

MAX31855 Thermocouple ADC Channel



Title		
Size A	Number	Revision
Date:	9/24/2014	Sheet of
File:	C:\Users\...\Thermocouple Channel.SchDoc	Drawn By:



Tigershark 3D
Prototype ZERO
Designed By Adam Vadala Roth



X Y Z

ENDSTOPS

MAX / MIN

Thermocouples

Thermistors

Smart Port

Motor Power

Heat Power

HEATBED

HEATERS

FAN-0 FAN-1

HEAT-0 HEAT-1 HEAT-2 HEATBED

STEPPER DRIVERS
2.5A Per Phase

GPIO Port

3.3V 2A

5V 3A

PWR IN 3
12V - 24V 12V - 24V

PWR IN 2
12V - 24V 12V - 24V

PWR

TX

RX

X AXIS

Y AXIS

Z AXIS

EXT-0

EXT-1

EXP1

RESET1

USB

FD1

FD2

FD3

FD4

FD5

FD6

FD7