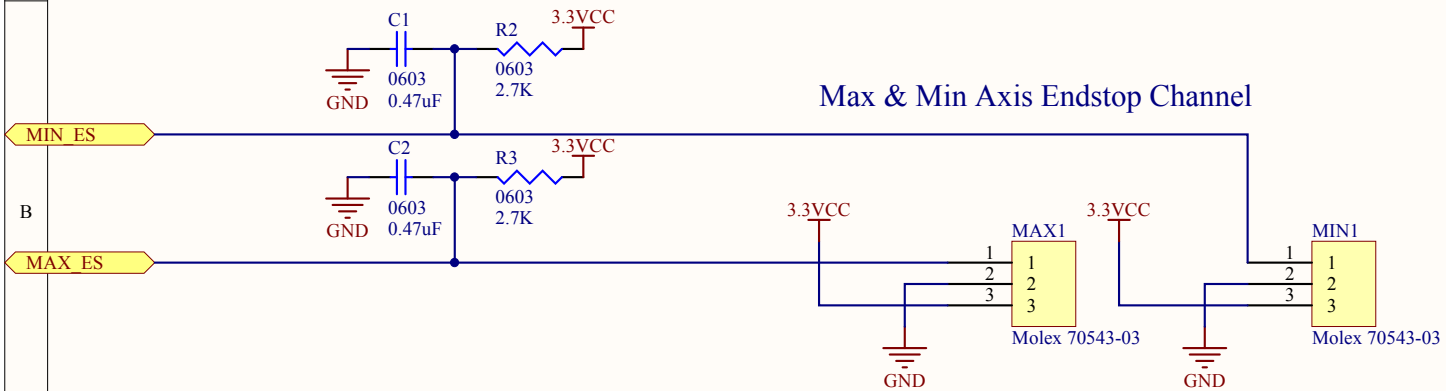


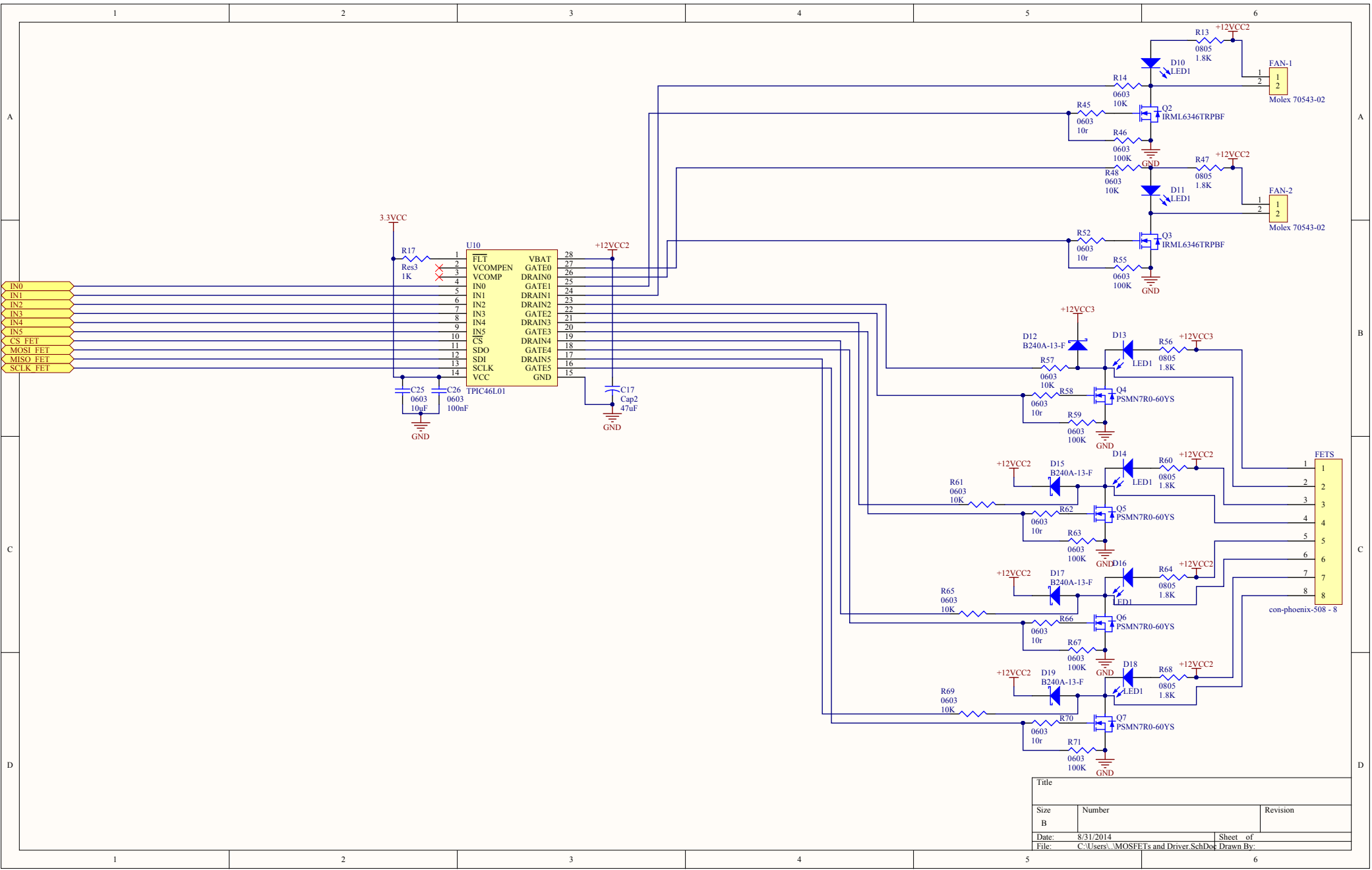
NOTE: VMA/VMB Dcoupling

Title		
Size	Number	Revision
A		
Date:	8/31/2014	Sheet of
File:	C:\Users\...\Driver Channel DRV8825.SchDoc	Drawn By:

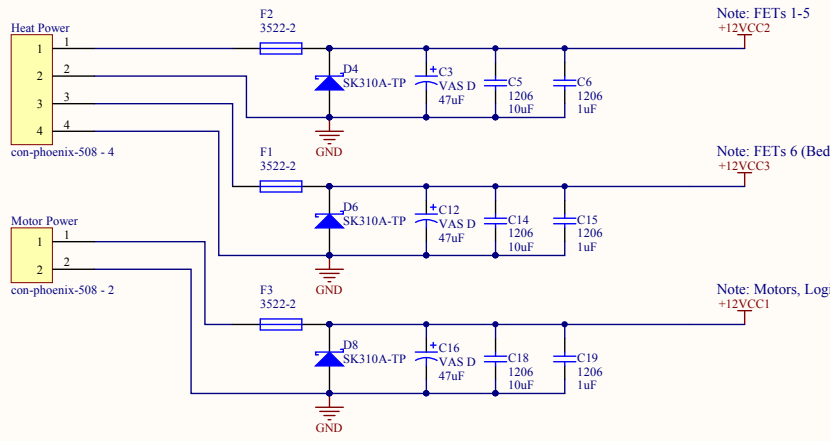
# End Stop Channel



Title		
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A		
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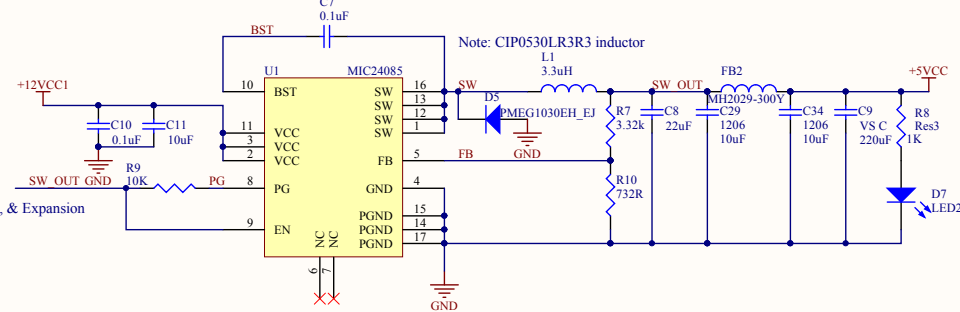


Title		
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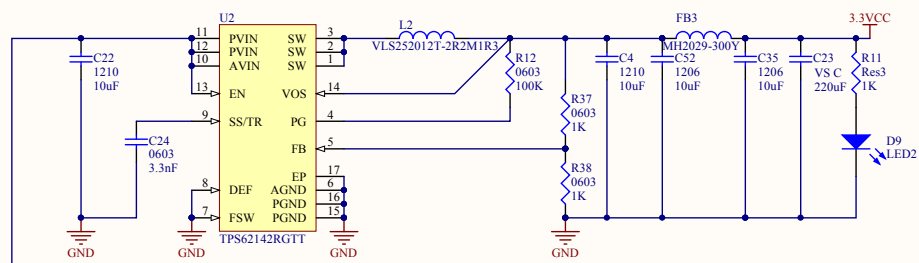


NOTE: Compatible with 24VDC

### Five Volt Supply 3A DCDC Switching



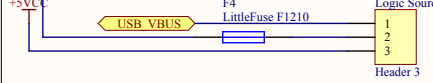
### Logic Power Supply (3.3VDC)



### Thermistor Channels (2)

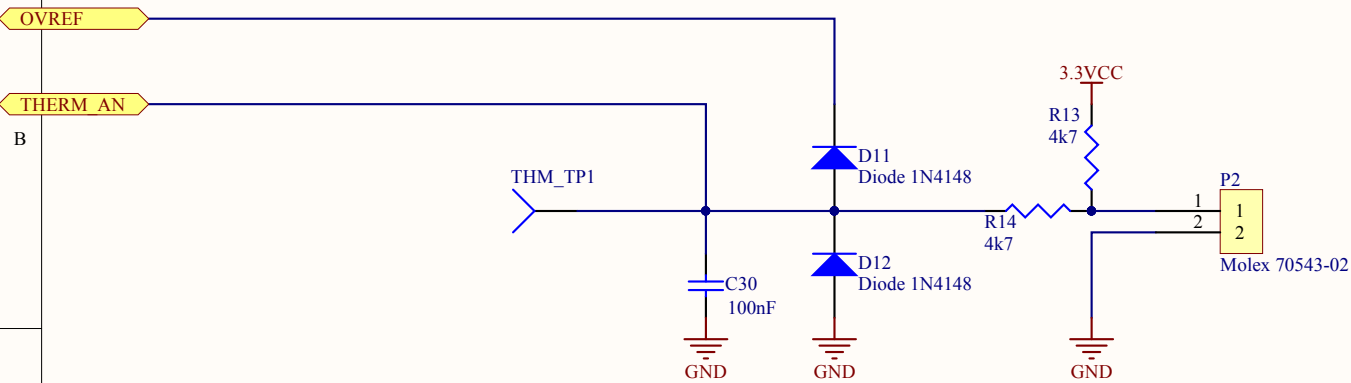


### Logic Power Supply Select Jumper



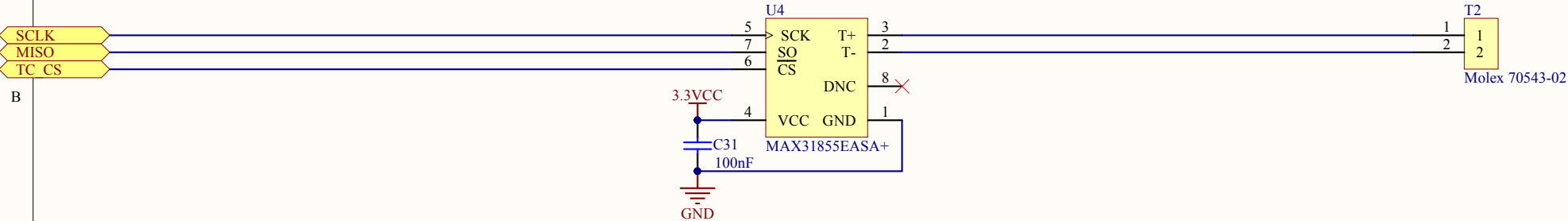
Title		
Size B	Number	Revision
Date: 8/31/2014	Sheet of	
File: C:\Users\Power.SchDoc	Drawn By:	

# Thermistor Channel

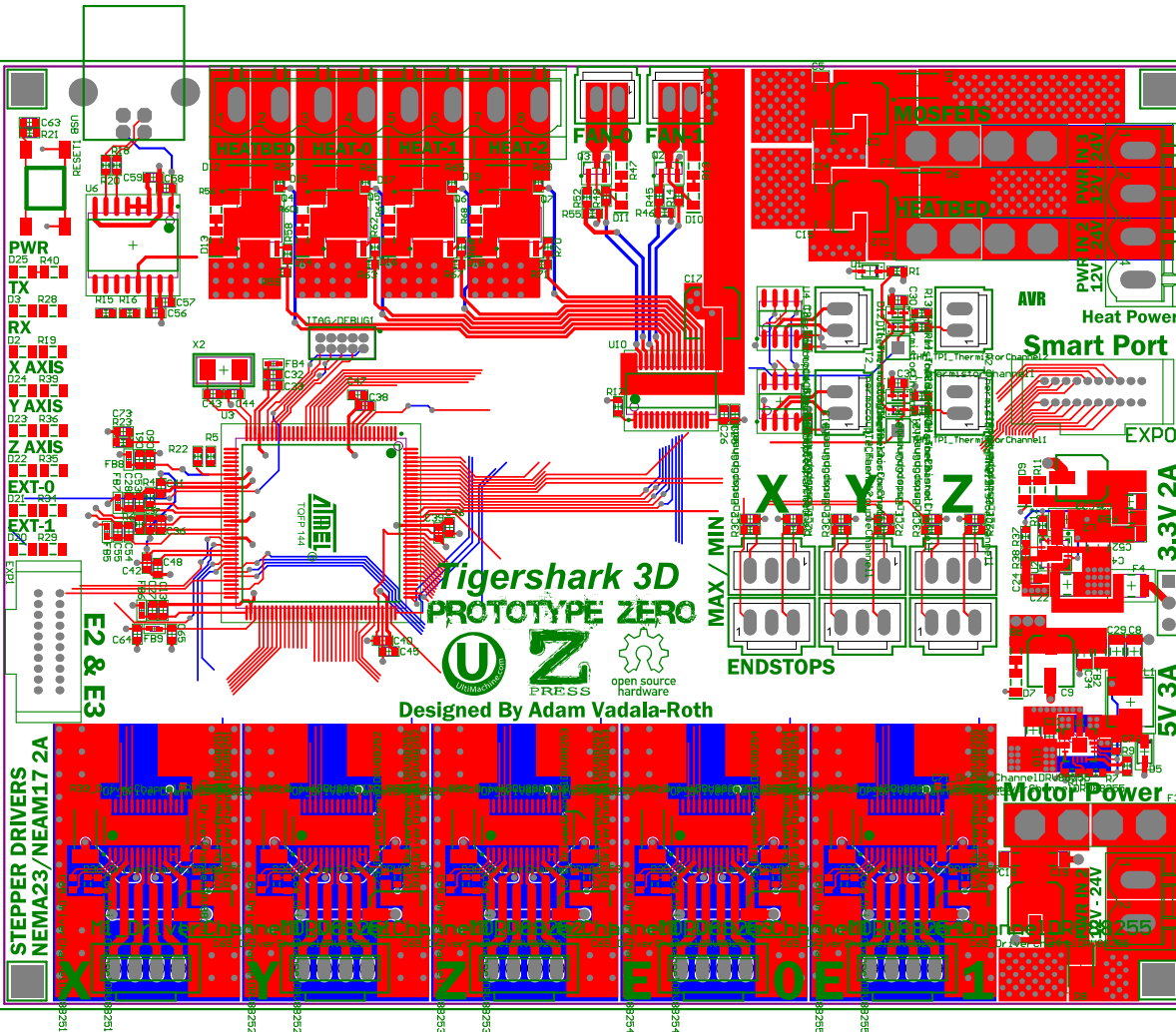


Title		
Size	Number	Revision
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Date:	8/31/2014	Sheet of
File:	C:\Users\...\Thermistor Channel.SchDoc	Drawn By:

# MAX31855 Thermocouple ADC Channel



Title		
Size	Number	Revision
A		
Date:	8/31/2014	Sheet of
File:	C:\Users\...\Thermocouple Channel.SchDoc	Drawn By:



Developed By Johnny Russel and Adam Vadala-Roth

**Tigershark 3D**

Based On the Work of Ultimachine, Arduino, RepRap, and Synthetos.com  
Codeveloped By Adam Vadala-Roth & Johnny Russel  
PCB Designed By Adam Vadala-Roth