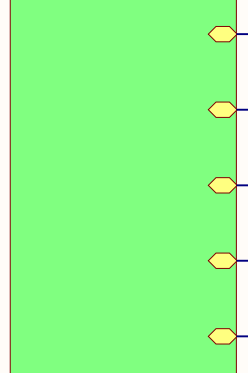
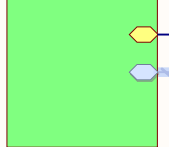


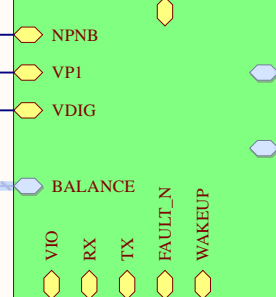
NPN_CONNECTOR.SchDoc 3



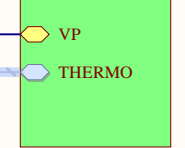
CELL_BALANCE.SchDoc 2



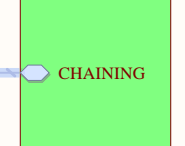
BMS_rev2.SchDoc 1



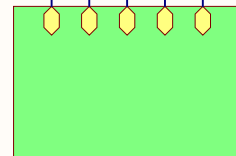
THERMO.SchDoc 4



DAISY_CHAINING.SchDoc 5



Serial.SchDoc 6



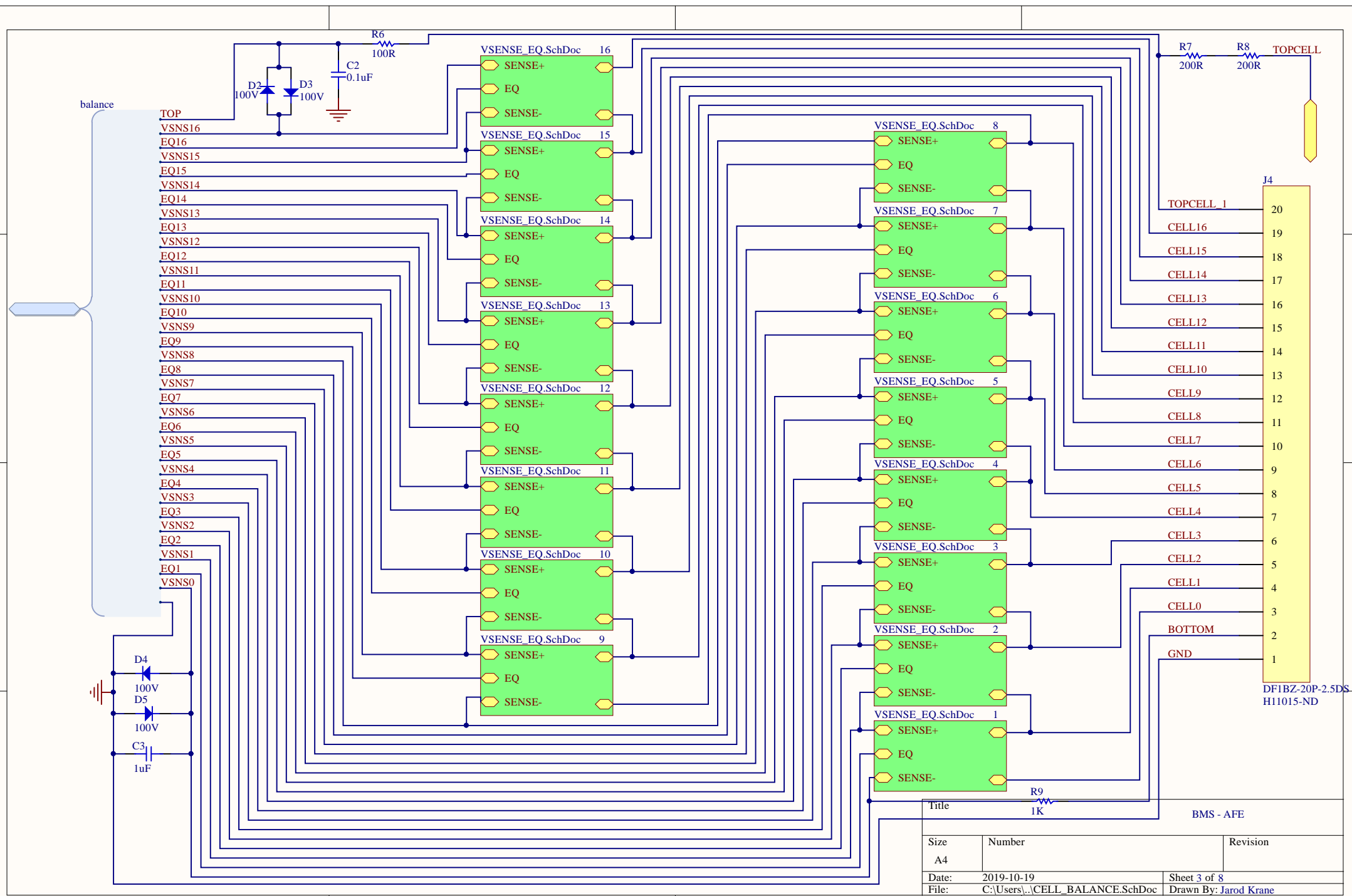
▲ Voltage guide

Vref	2.5V
VM	-5V
VDIG	5.3V
VP	5.3V
VIO	5V
V5VAO	5V

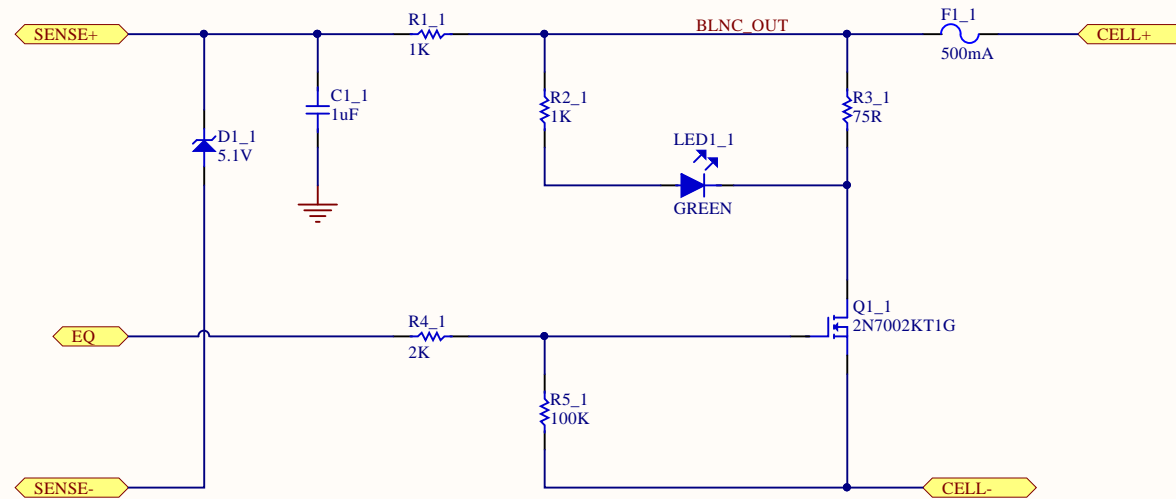
▲ depopulate all components of unused cells and short zener (with jumpers or 1206 zero ohm)

▲ when chaining
float FAULT_N
ground WAKEU_UP
short RX to VIO
float TX

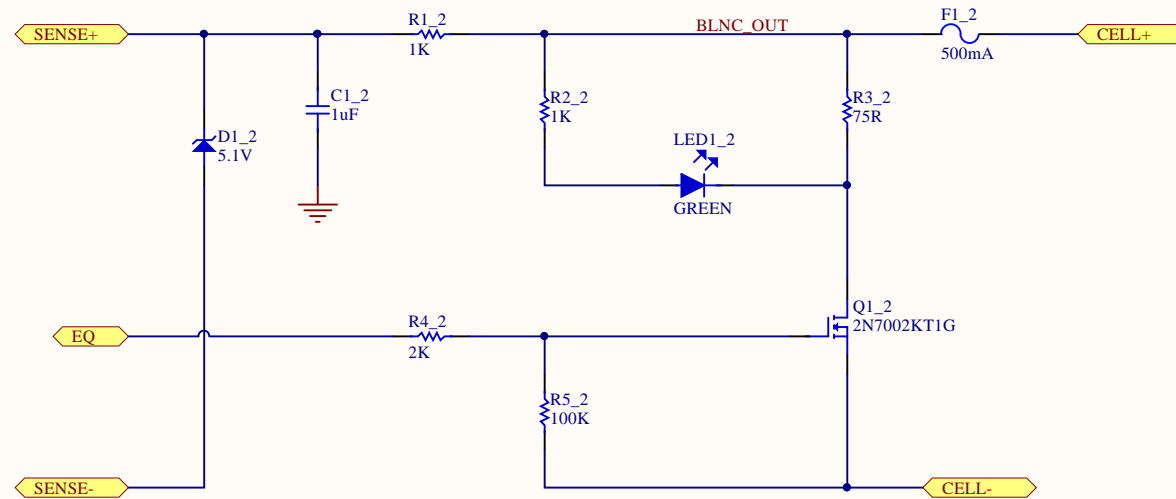
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Size A4	Number	Revision
Date:	2019-10-19	Sheet 1 of 8
File:	C:\Users\...\BMS.SchDoc	Drawn By: Jarod Krane



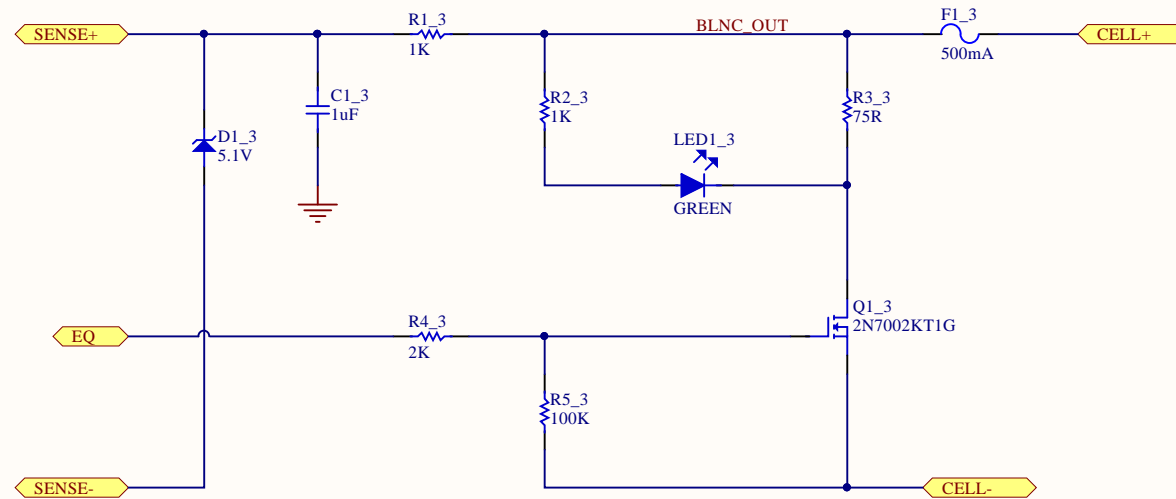
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Size	Number	Revision	
A4			
Date:	2019-10-19	Sheet 3 of 8	
File:	C:\Users\...\CELL_BALANCE.SchDoc	Drawn By: Jarod Krane	



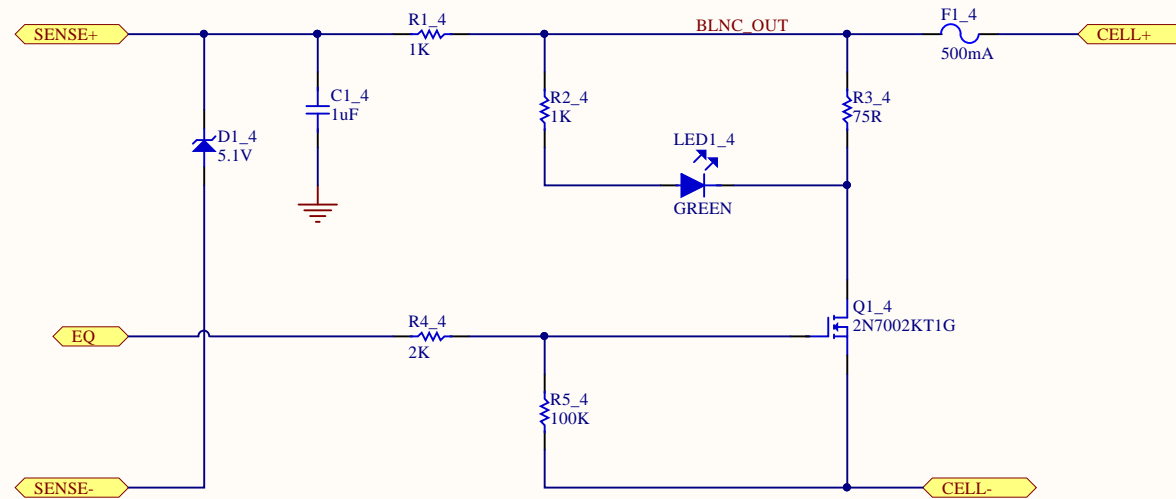
Title BMS - AFE		
Size A4	Number	Revision
Date: 2019-10-19	Sheet 4 of 8	
File: C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane	



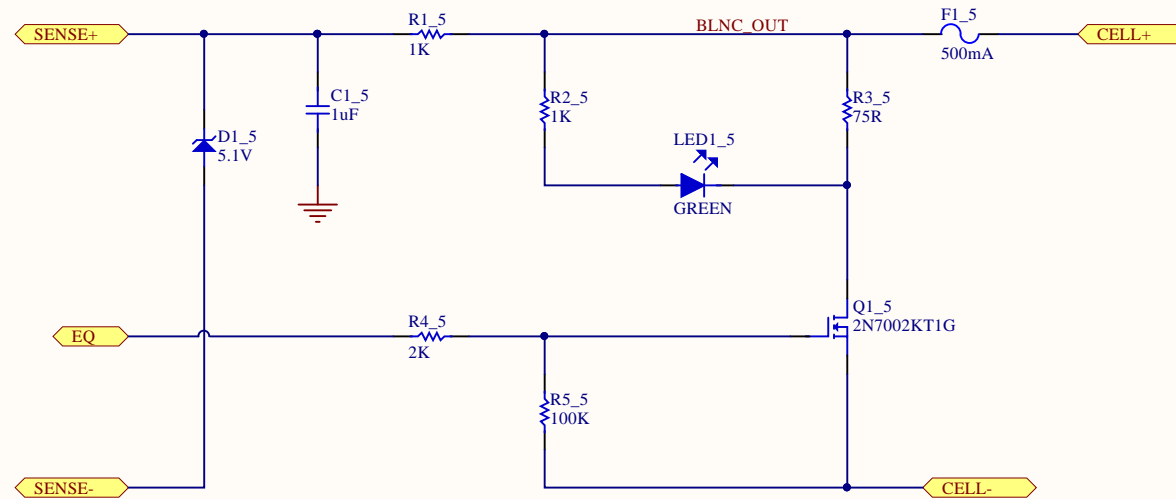
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Size A4	Number	Revision
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File: C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane	



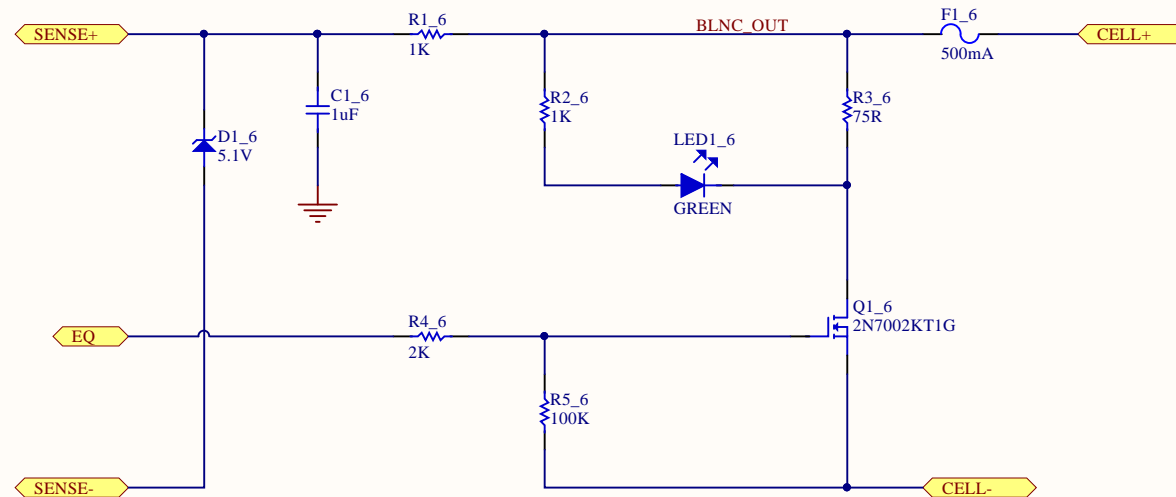
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Size A4	Number	Revision
Date:	2019-10-19	Sheet 4 of 8
File:	C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane



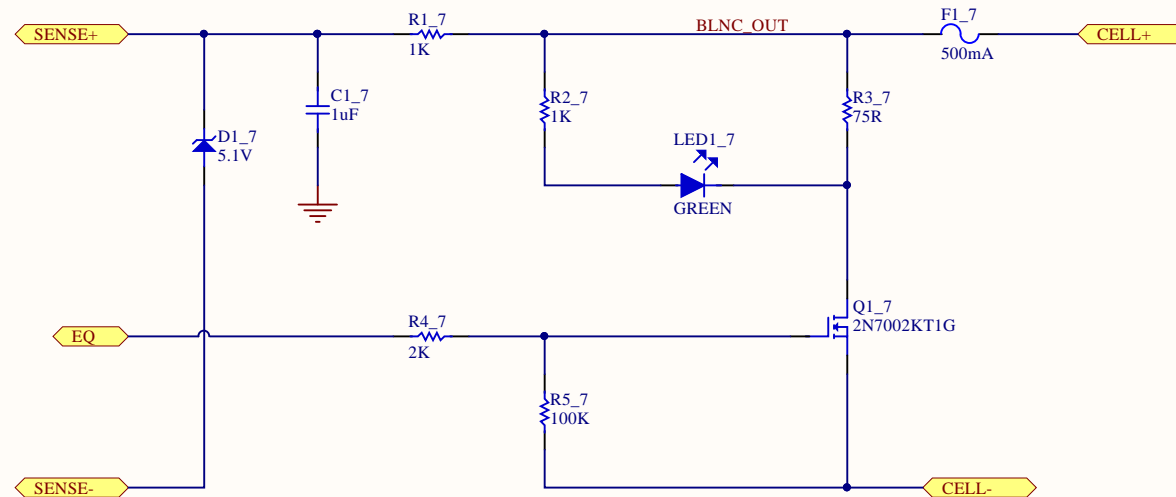
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BMS - AFE		
Size	Number	Revision
A4		
Date:	2019-10-19	Sheet 4 of 8
File:	C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane



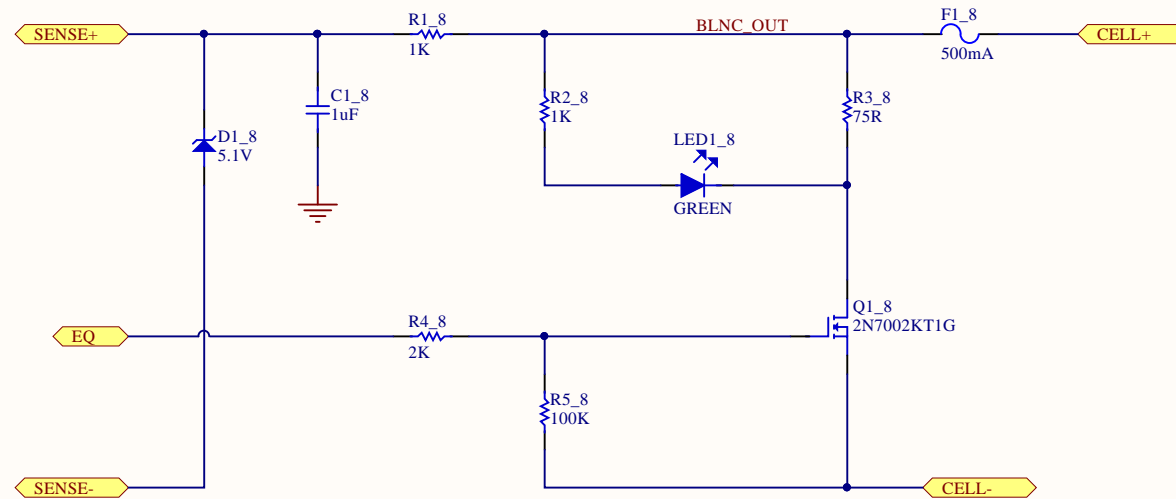
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Size A4	Number	Revision
Date:	2019-10-19	Sheet 4 of 8
File:	C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane



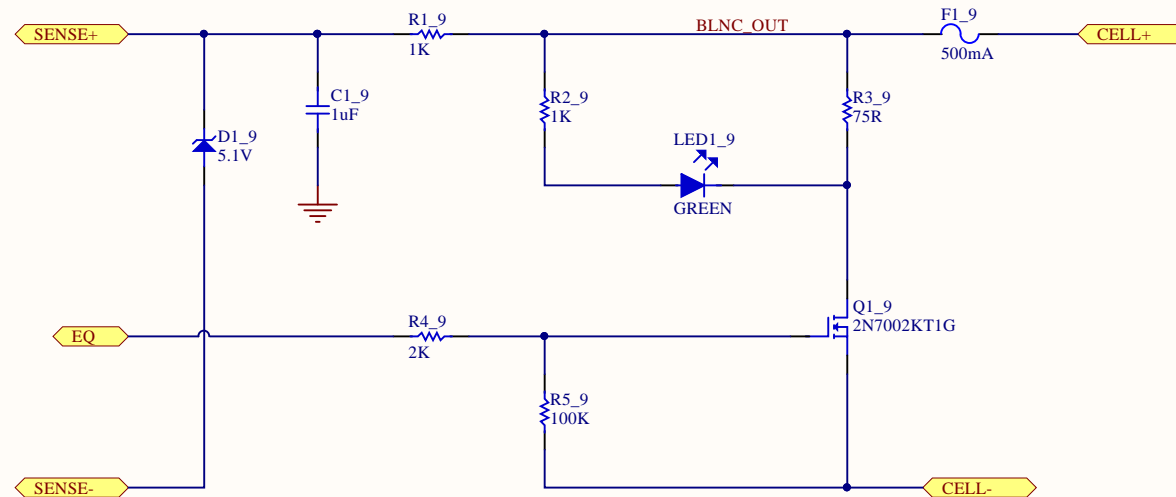
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Size A4	Number	Revision
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File: C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane	



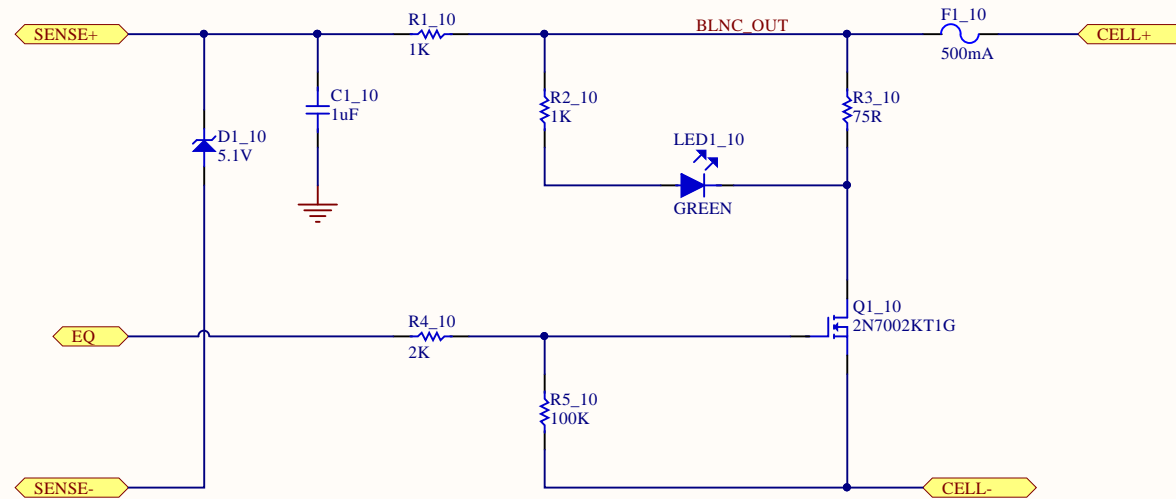
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Size A4	Number	Revision
Date:	2019-10-19	Sheet 4 of 8
File:	C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane



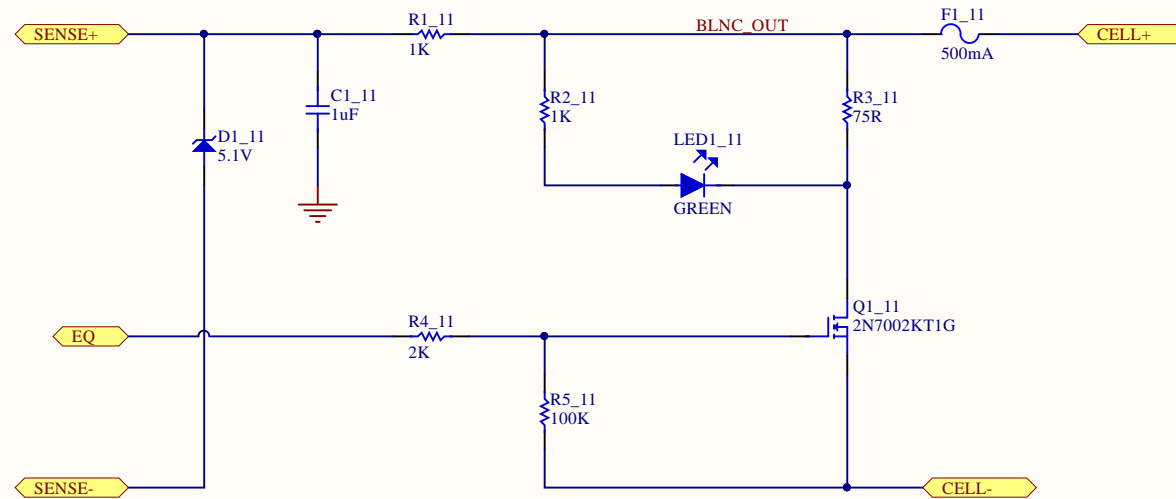
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Size A4	Number	Revision
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File: C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane	



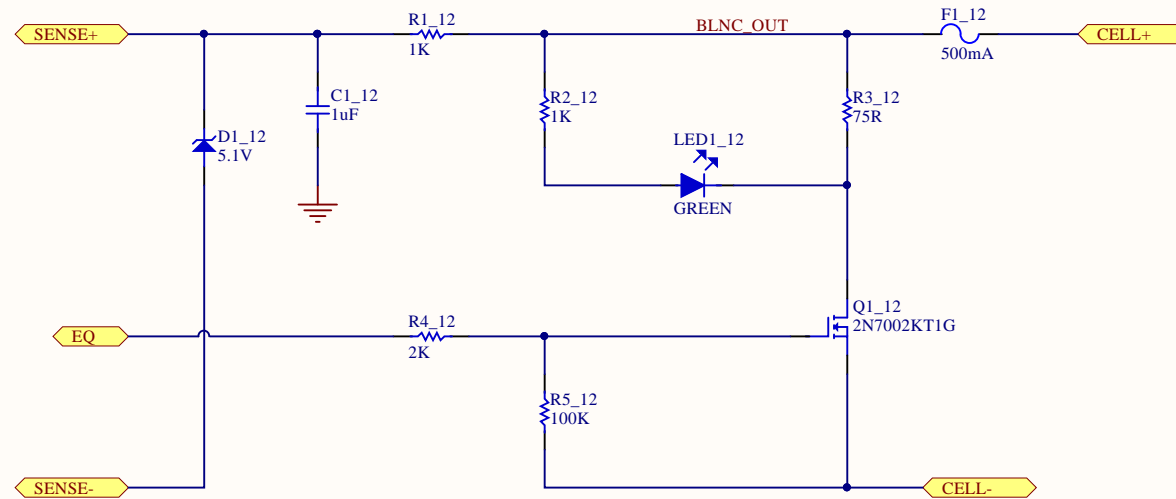
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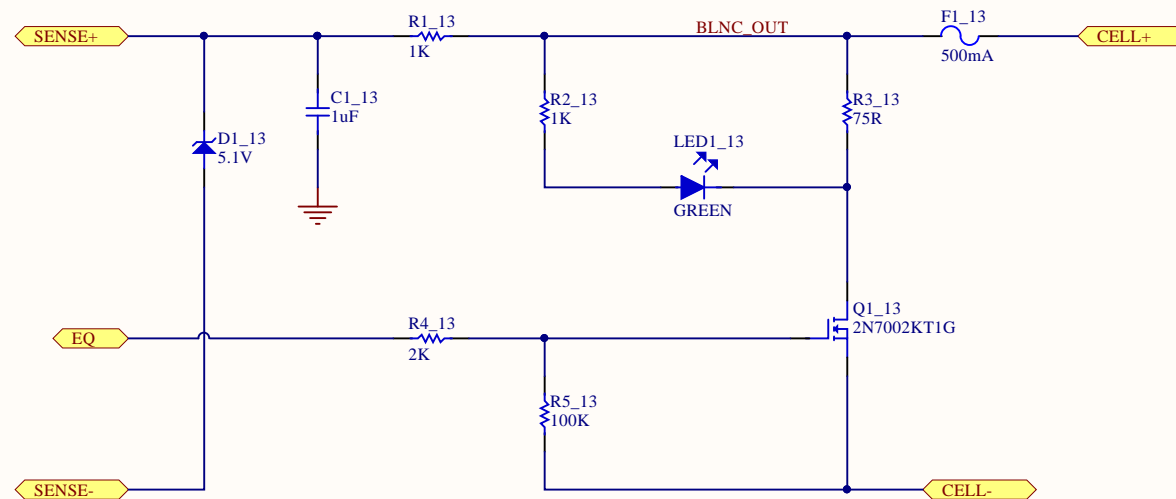
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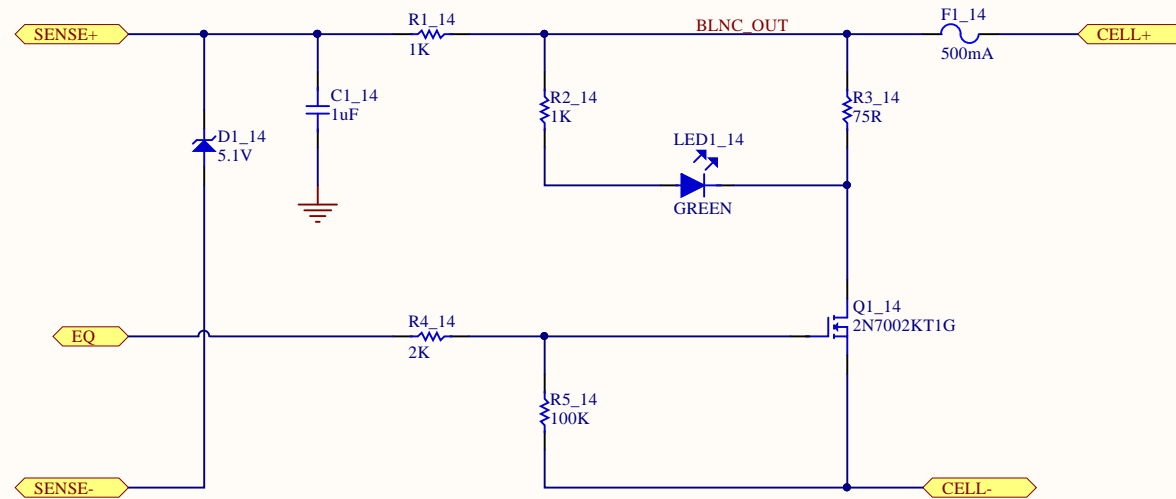
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File:	C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane



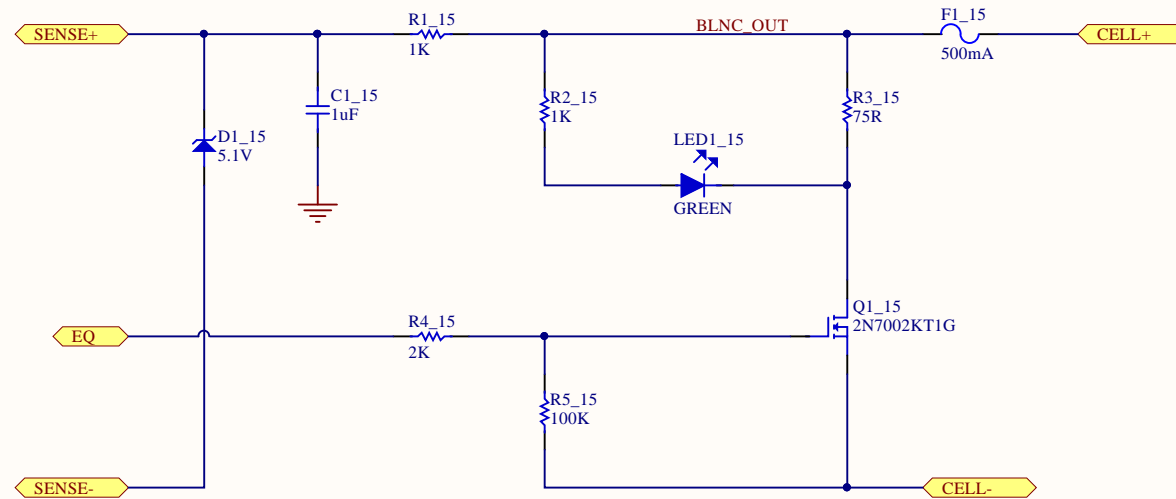
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Size A4	Number	Revision
Date:	2019-10-19	Sheet 4 of 8
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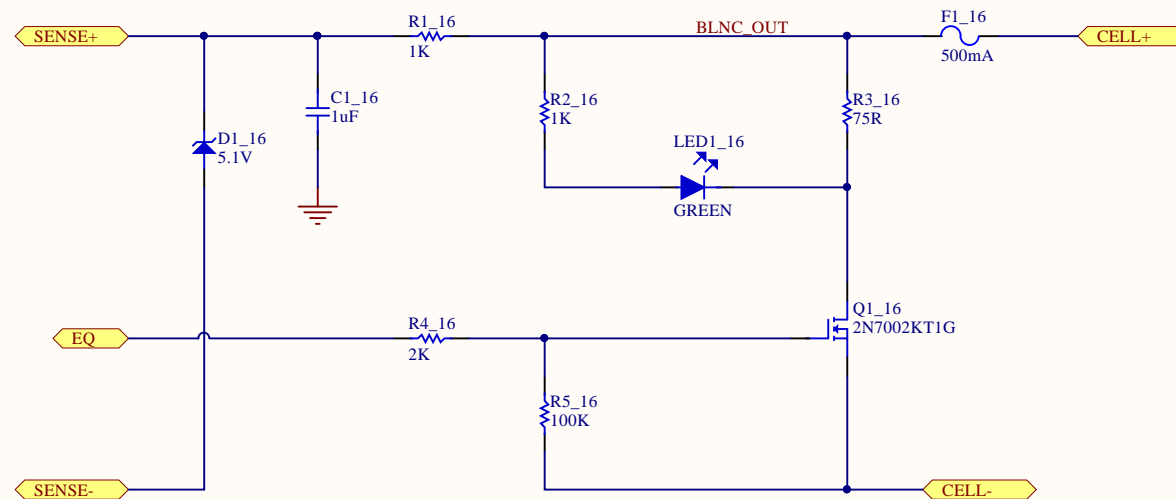
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Size A4	Number	Revision
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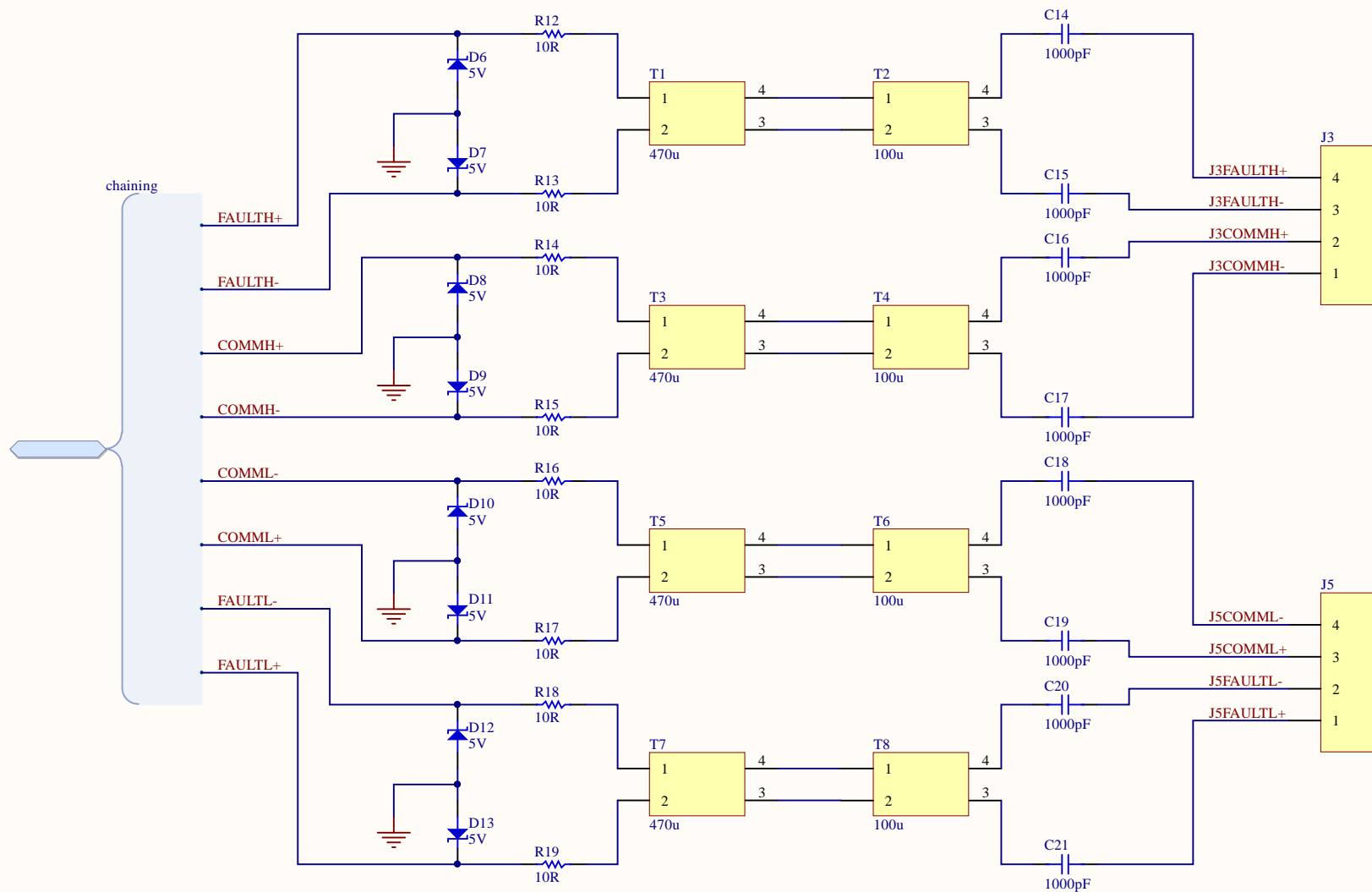
Title BMS - AFE		
Size A4	Number	Revision
Date:	2019-10-19	Sheet 4 of 8
File:	C:\Users\...\VSENSE_EQ.SchDoc	Drawn By: Jarod Krane



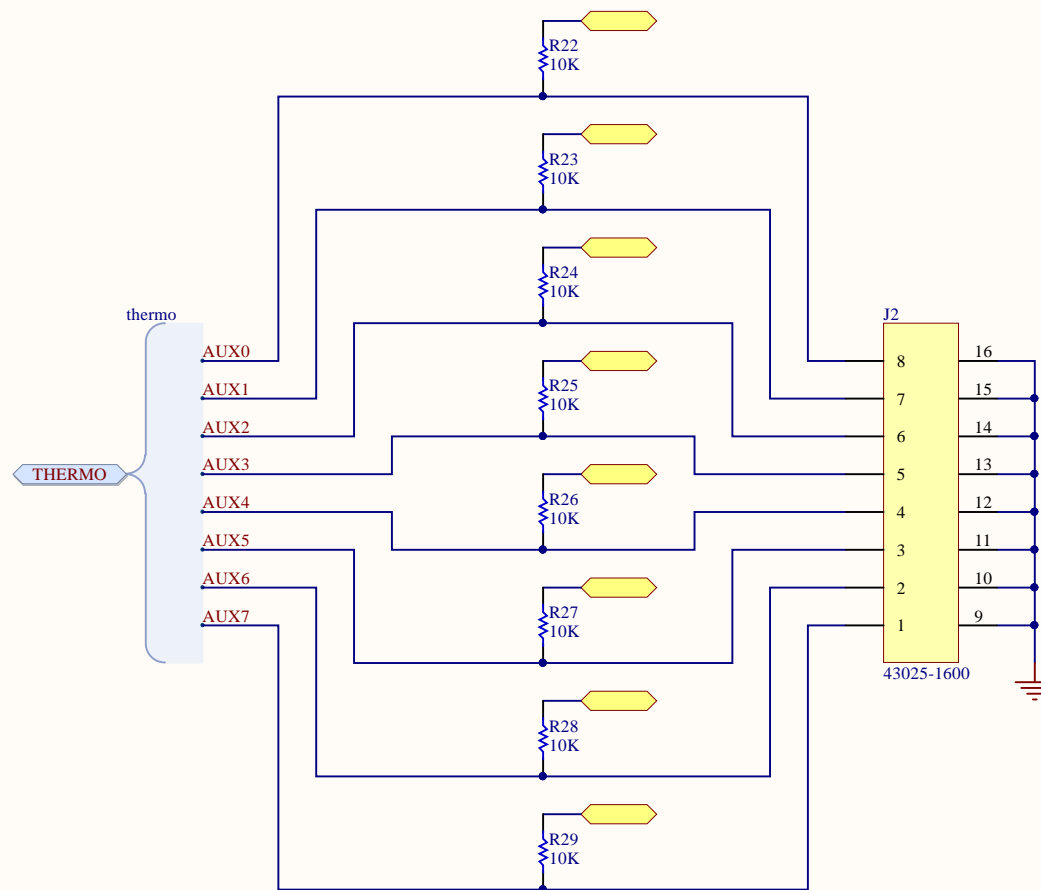
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Size A4	Number	Revision
Date: 2019-10-19	Sheet 4 of 8	
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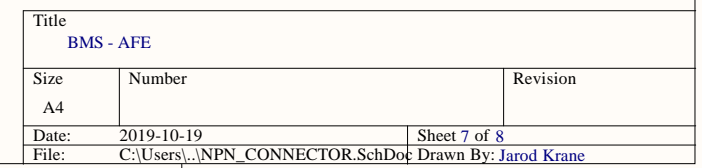
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Size A4	Number	Revision
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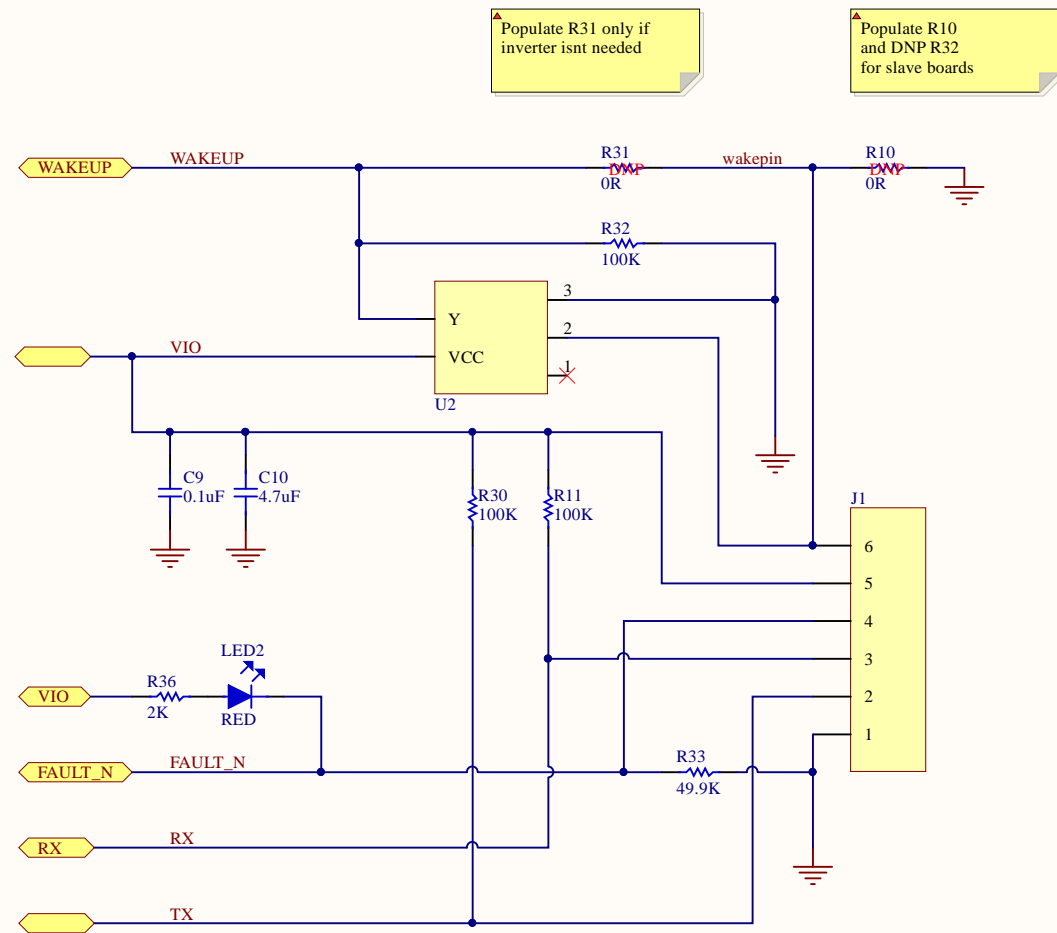


Title BMS - AFE		
Size A4	Number	Revision
Date:	2019-10-19	Sheet 5 of 8
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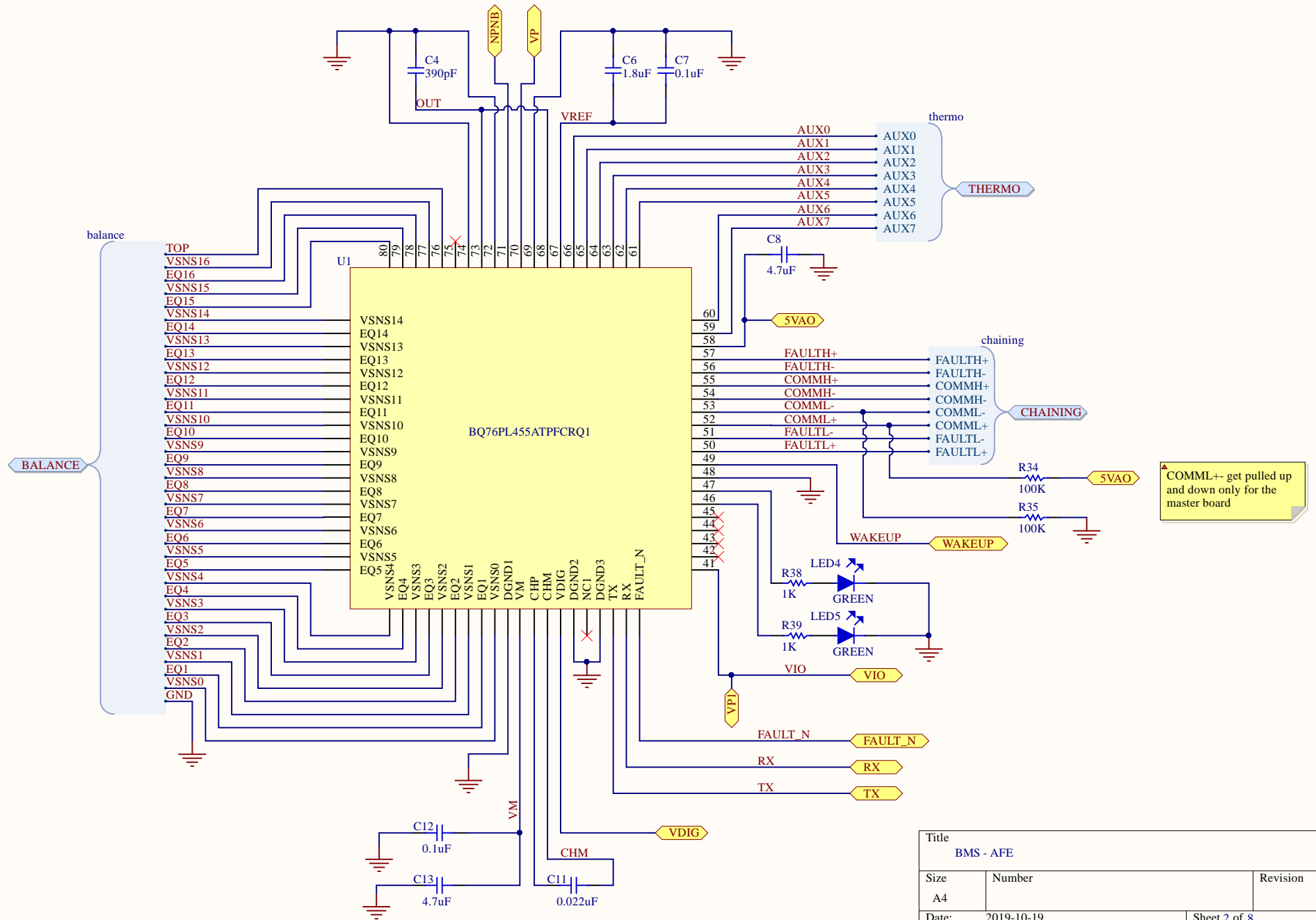


Title BMS - AFE		
Size A4	Number	Revision
Date:	2019-10-19	Sheet 6 of 8
File:	C:\Users\...\THERMO.SchDoc	Drawn By: Jarod Krane





Title		
Serial connection		
Size	Number	Revision
A4		
Date:	2019-10-19	Sheet 8 of 8
File:	C:\Users\...\Serial.SchDoc	Drawn By: Jarod Krane



Title BMS - AFE		
Size A4	Number	Revision
Date: 2019-10-19	Sheet 2 of 8	
File: C:\Users\...\BMS_rev2.SchDoc	Drawn By: Jarod Krane	

