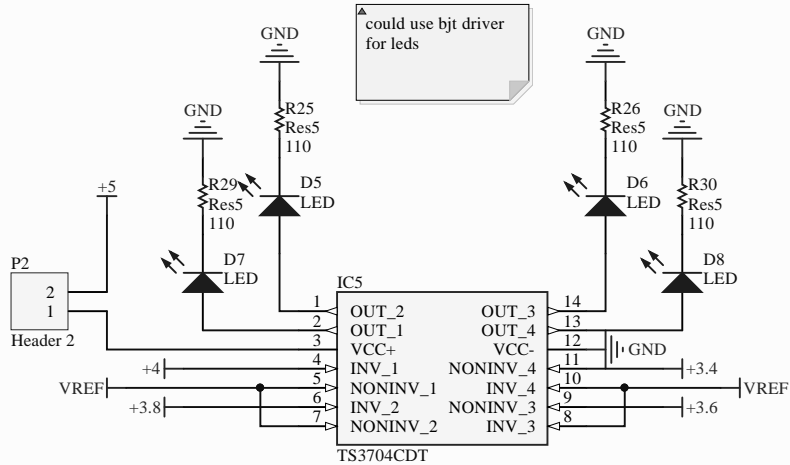
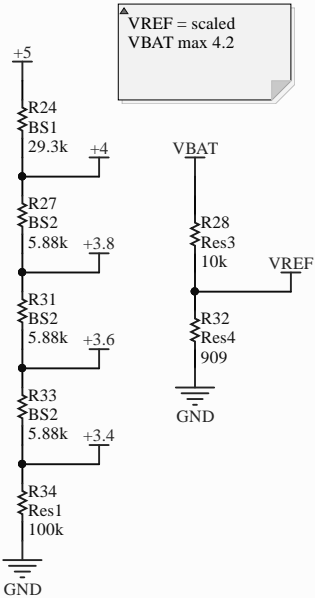


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Size	Number		Revision	
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TS3704CDT: Battery Voltage Comparator		
Size	Number	Revision
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Date:	10/17/2020	Sheet of
File:	C:\Users\...Batt VoltageLevelDetector.SchDoc	
	Download By:	

A

B

C

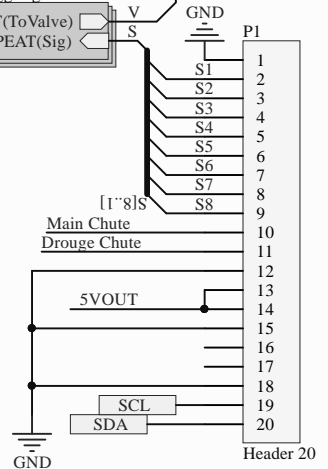
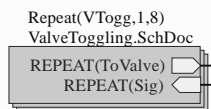
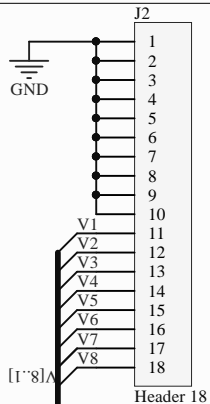
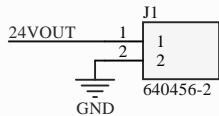
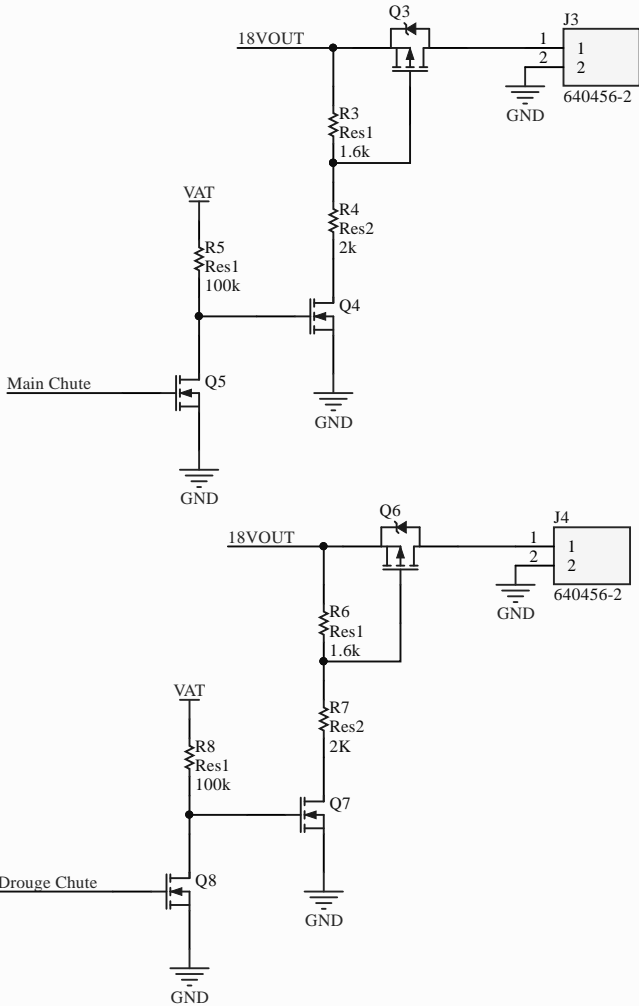
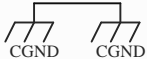
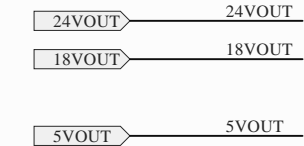
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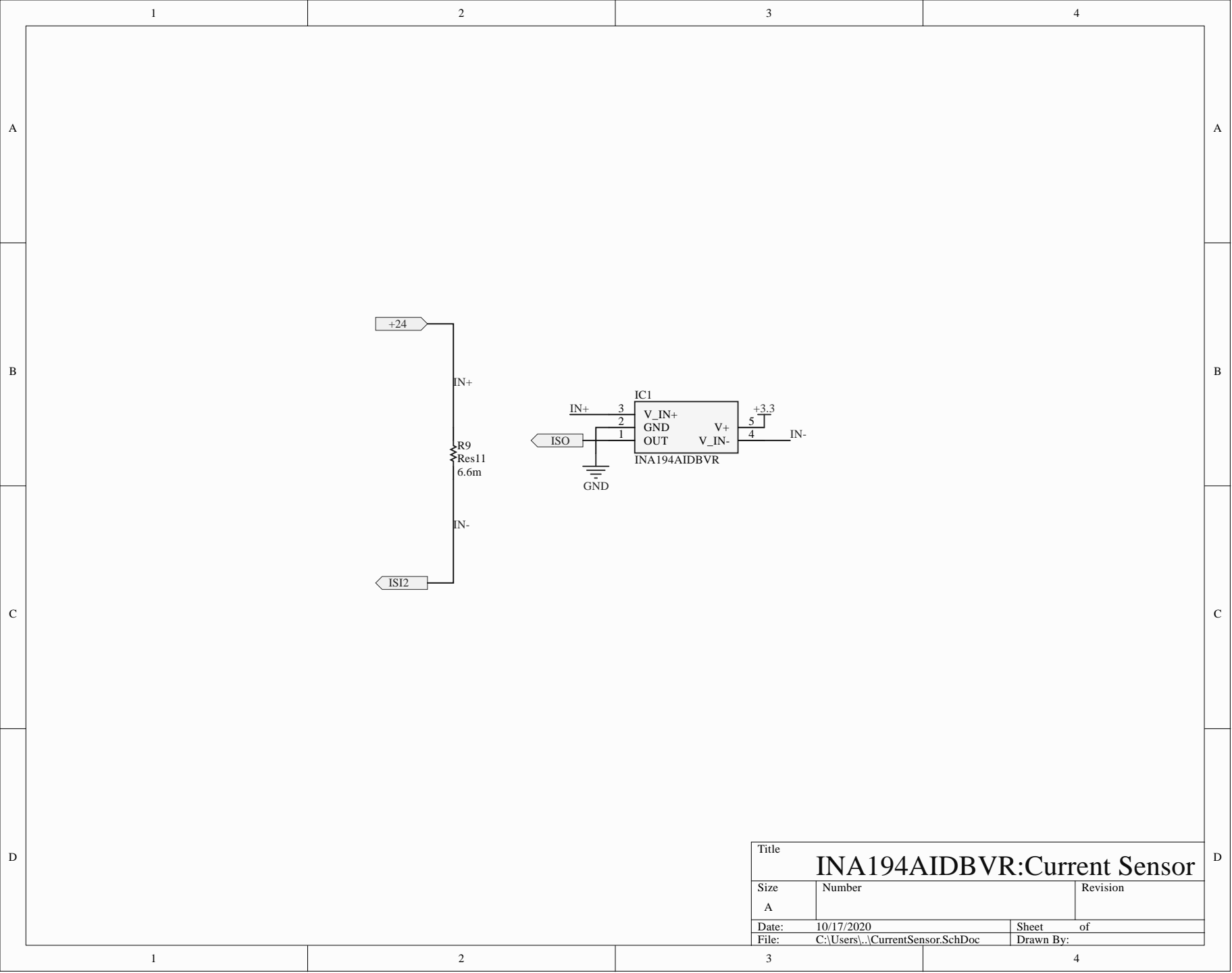
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D



Title		
Distribution		
Size	Number	Revision
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Date:	10/17/2020	Sheet of
File:	C:\Users\...\BusDistribution.SchDoc	Drawn By:



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Size	Number		Revision	
A				
Date:	10/17/2020		Sheet	of
File:	C:\Users\...\CurrentSensor.SchDoc		Drawn By:	

A

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A

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C

D

Includes battery and base supplies as well as the switching scheme and Battery protection circuits

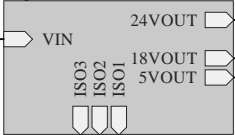
Includes all regulators

20Pin connector Valve toggling and Chute toggling

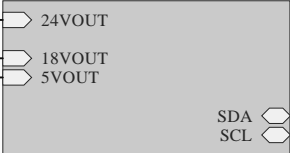
Pre-regulation.SchDoc



Regulation.SchDoc



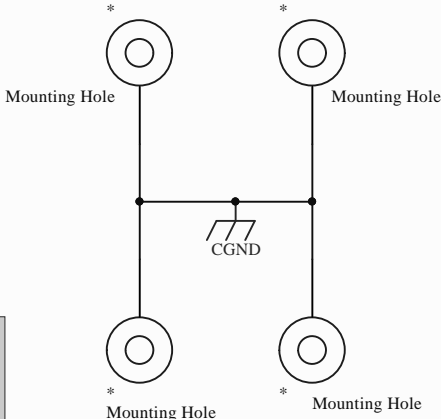
BusDistribution.SchDoc



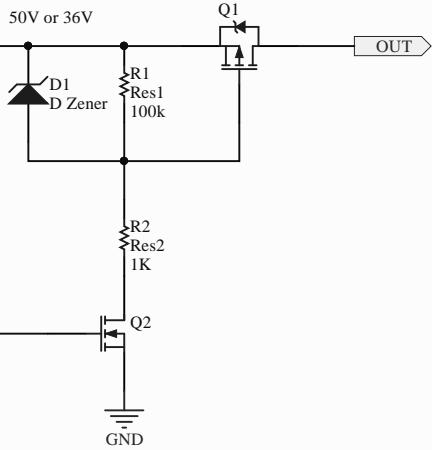
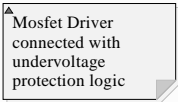
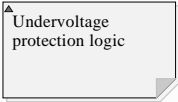
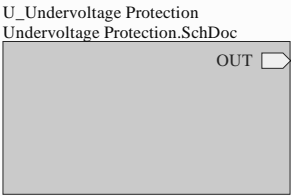
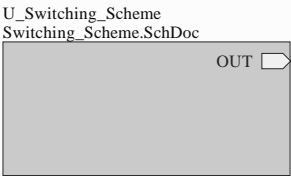
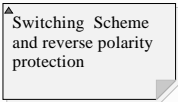
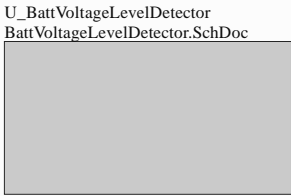
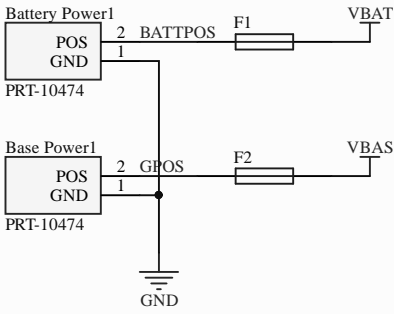
ATTINY214-SSNR.SchDoc



Microcontroller



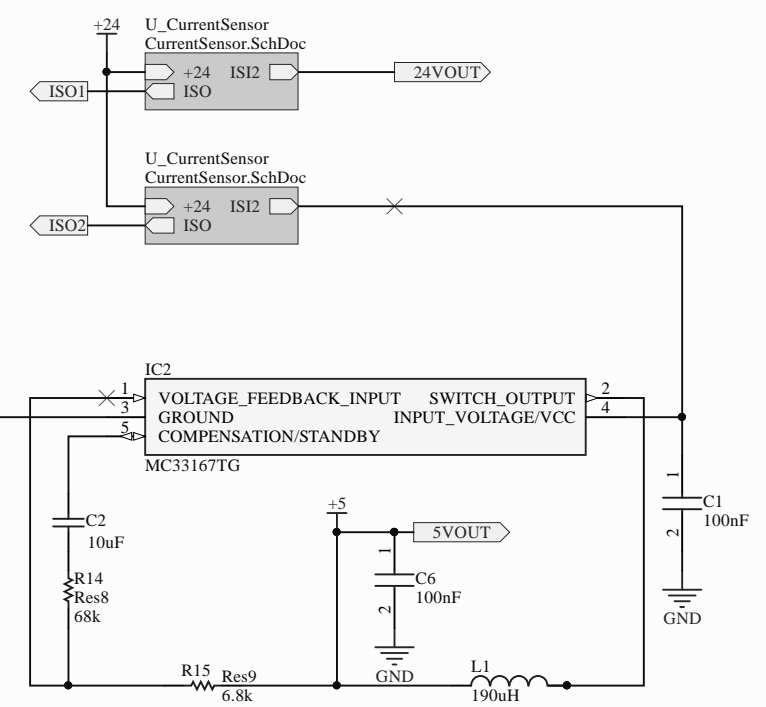
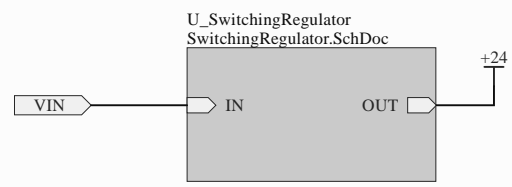
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Date:	10/17/2020		Sheet of
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Size	Number	Revision
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Date: 10/17/2020		Sheet of
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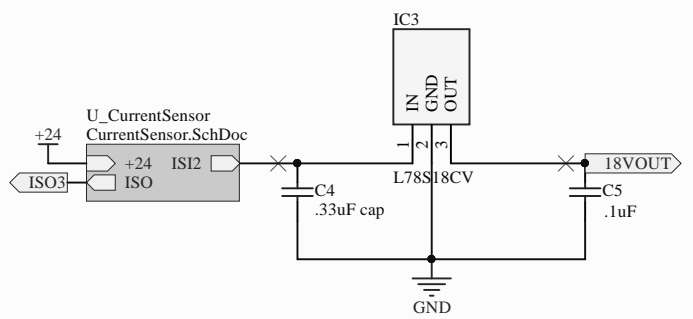
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B

B



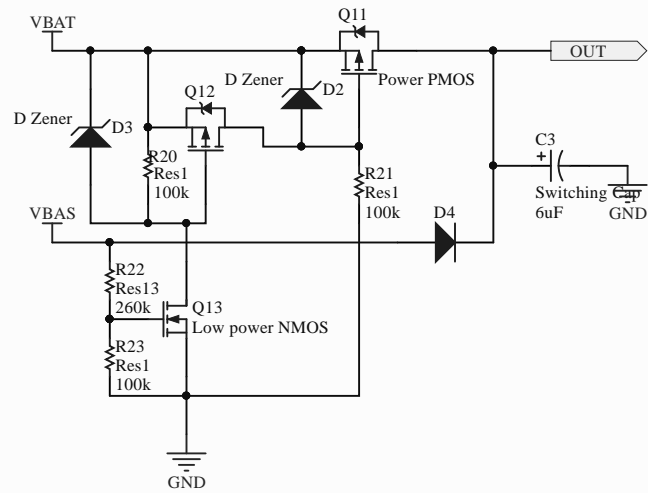
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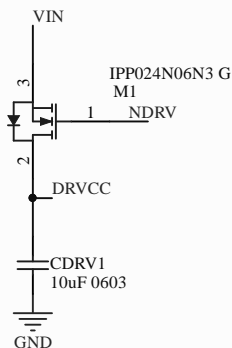
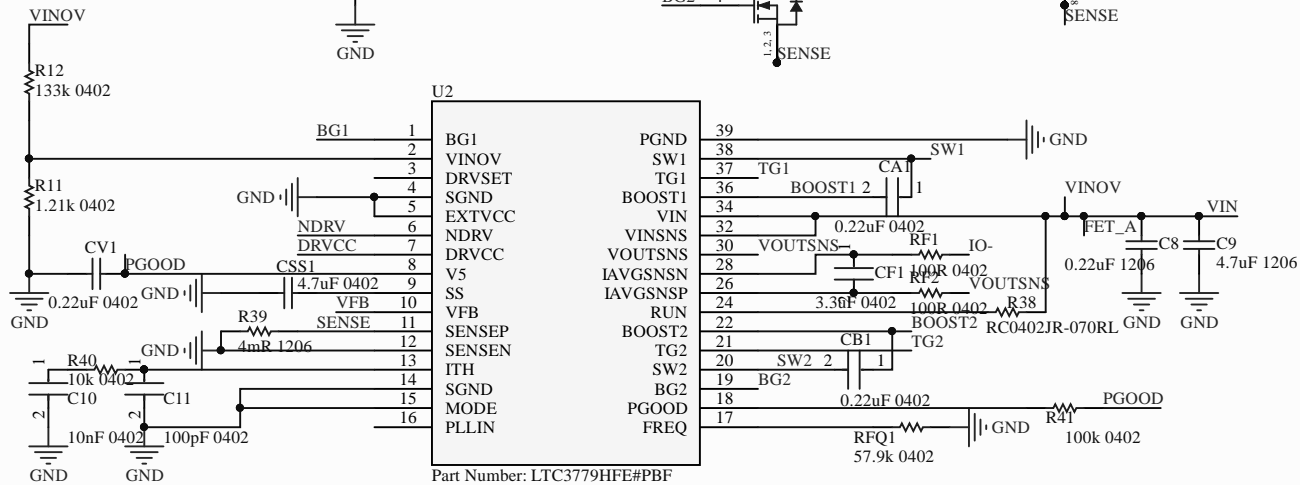
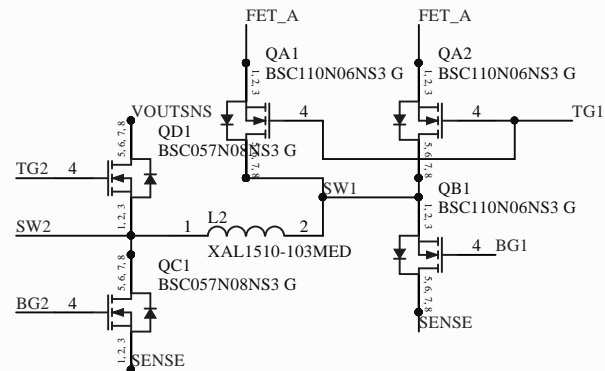
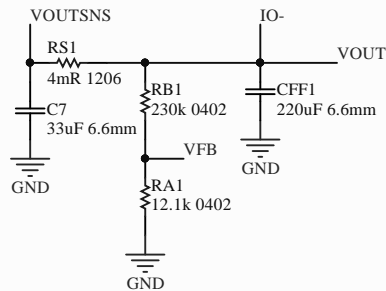
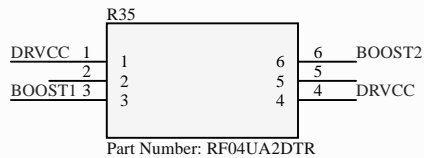
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Title			Revision	
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Title			Switching Scheme	
Size	Number		Revision	
A				
Date:	10/17/2020		Sheet	of
File:	C:\Users\...\Switching_Scheme.SchDoc		Drawn By:	



VIN IN

VOUT OUT

Title		
LTC3779HFE: 24V Switching Regulator		
Size	Number	Revision
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Date: 10/17/2020		Sheet of
File: C:\Users\...\SwitchingRegulator.SchDoc		Drawn By:

A

B

C

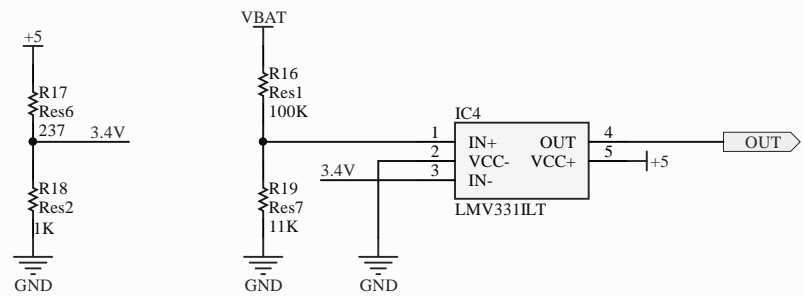
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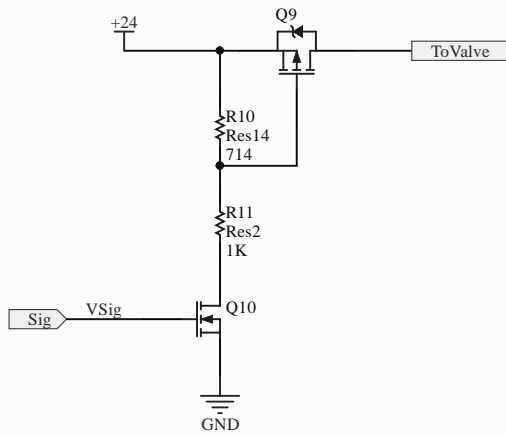
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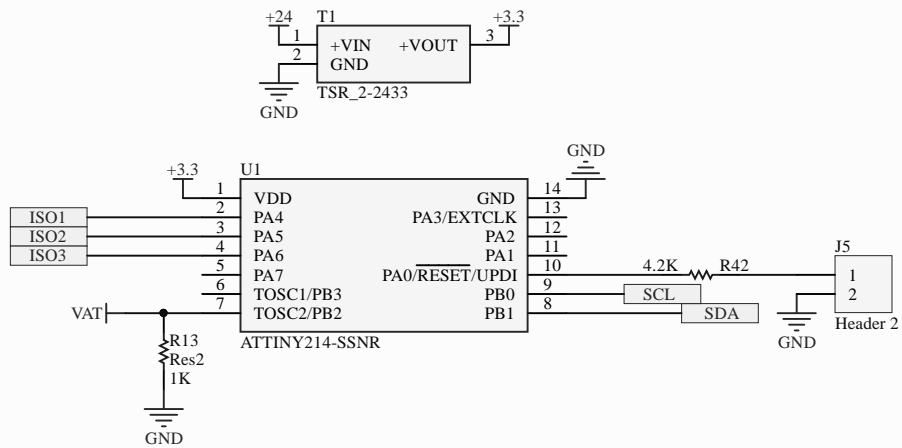
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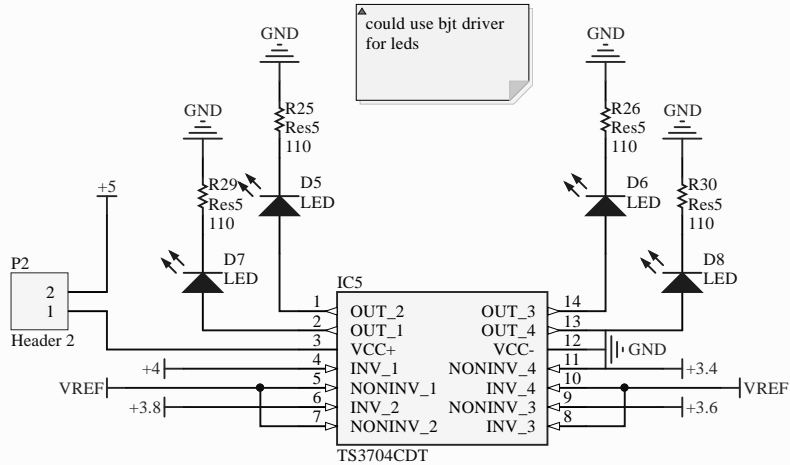
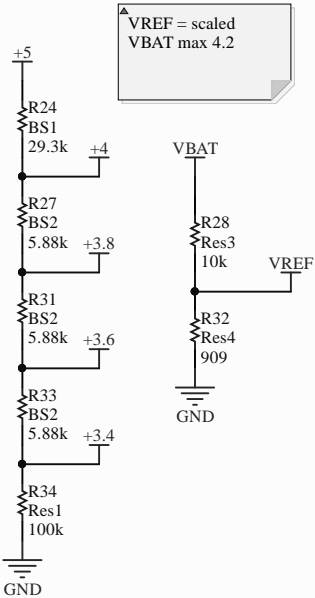
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Title			Valve Toggling	
Size	Number		Revision	
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Date:	10/17/2020		Sheet	of
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Title			ATTINY214-SSNR	
Size	Number		Revision	
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Title		
TS3704CDT: Battery Voltage Comparator		
Size	Number	Revision
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Date:	10/17/2020	Sheet of
File:	C:\Users\...\Batt VoltageLevelDetector.SchDoc	

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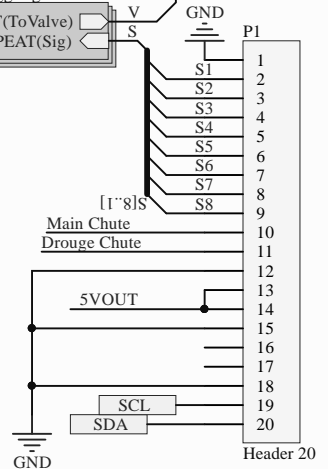
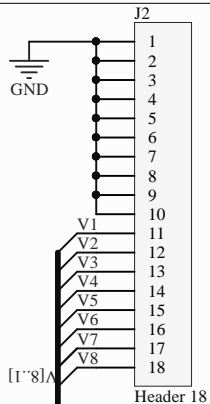
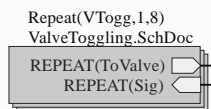
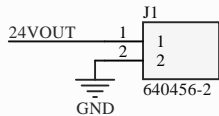
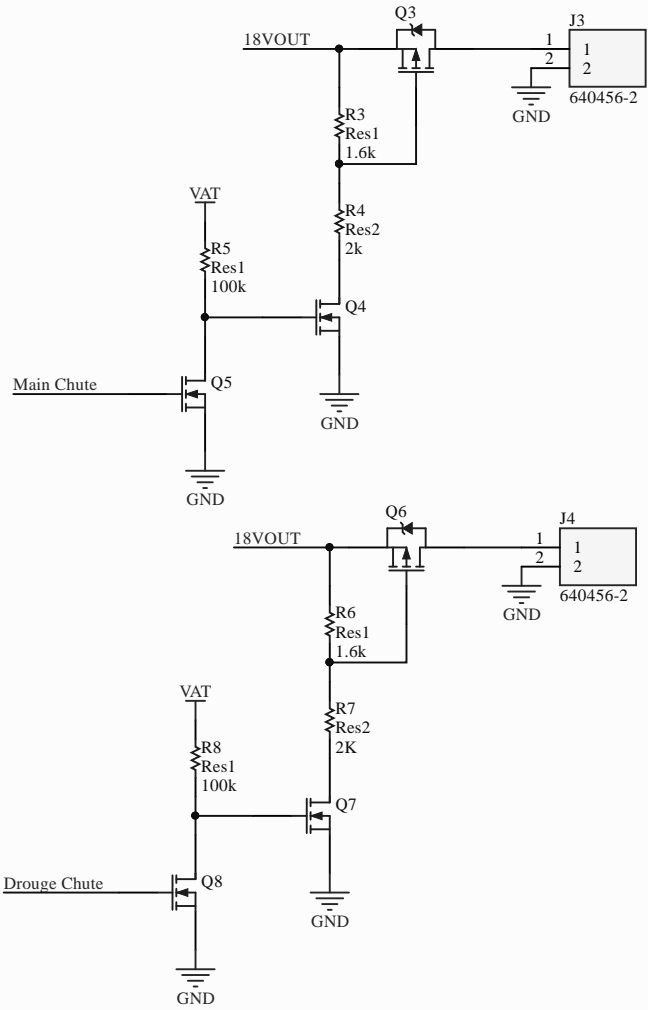
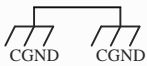
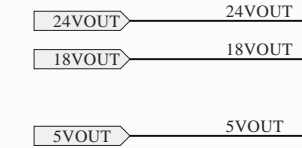
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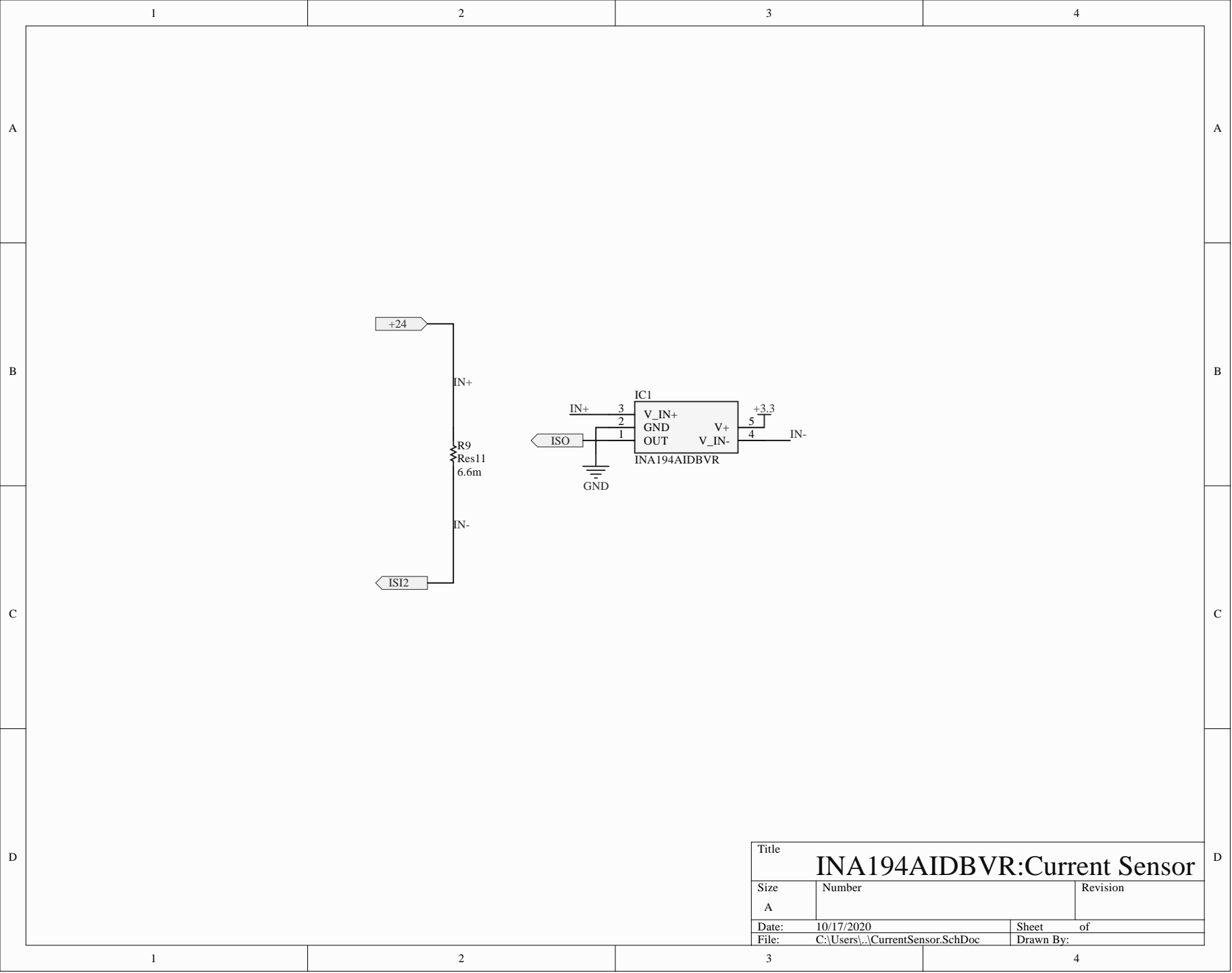
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Title		
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Title			INA194AIDBVR:Current Sensor	
Size	Number		Revision	
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Date:	10/17/2020		Sheet	of
File:	C:\Users\...\CurrentSensor.SchDoc		Drawn By:	

A

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Includes battery and base supplies as well as the switching scheme and Battery protection circuits

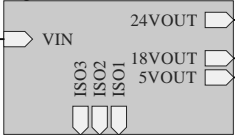
Includes all regulators

20Pin connector Valve toggling and Chute toggling

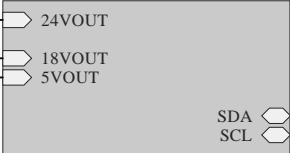
Pre-regulation.SchDoc



Regulation.SchDoc



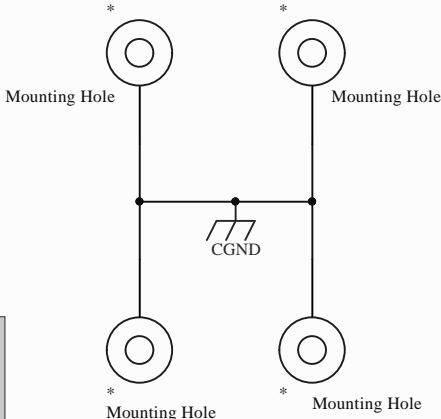
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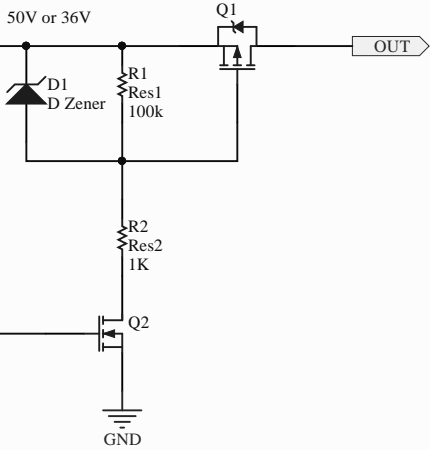
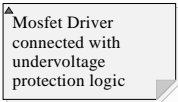
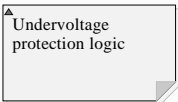
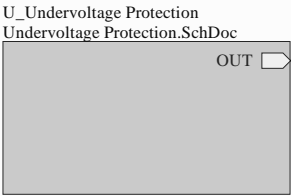
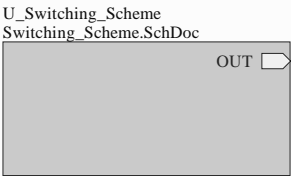
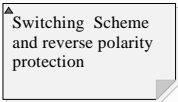
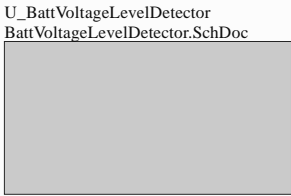
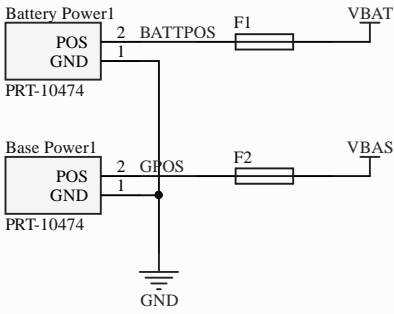
ATTINY214-SSNR.SchDoc



Microcontroller



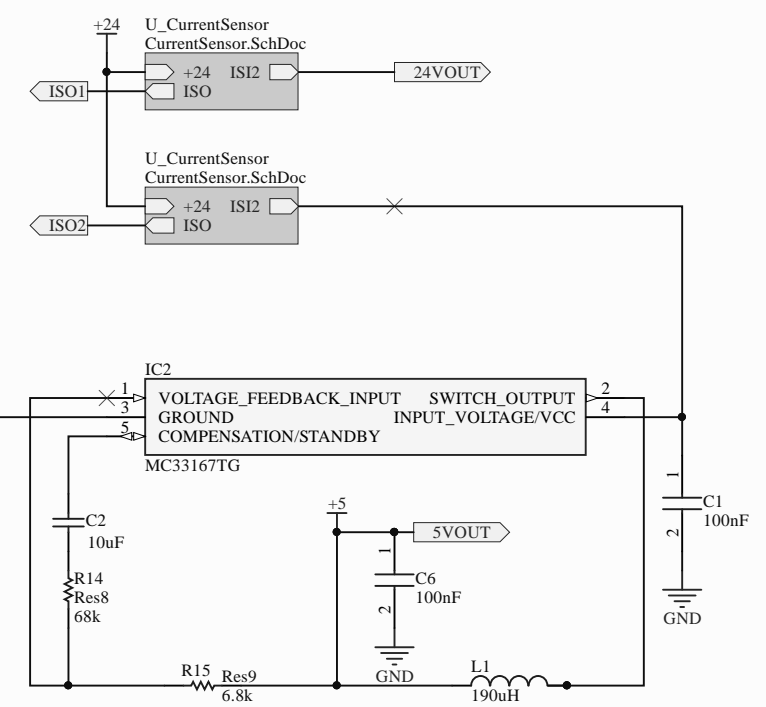
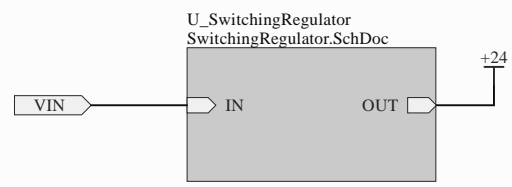
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Size	Number	Revision
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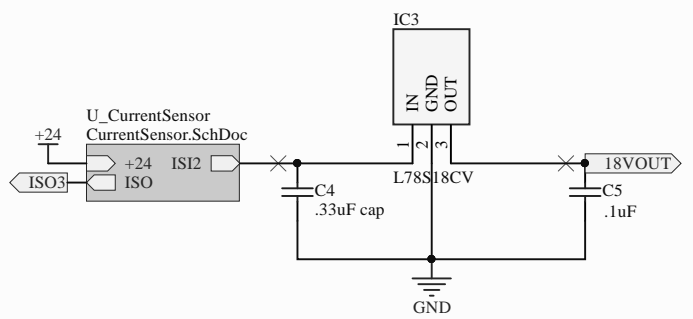
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A



B

B



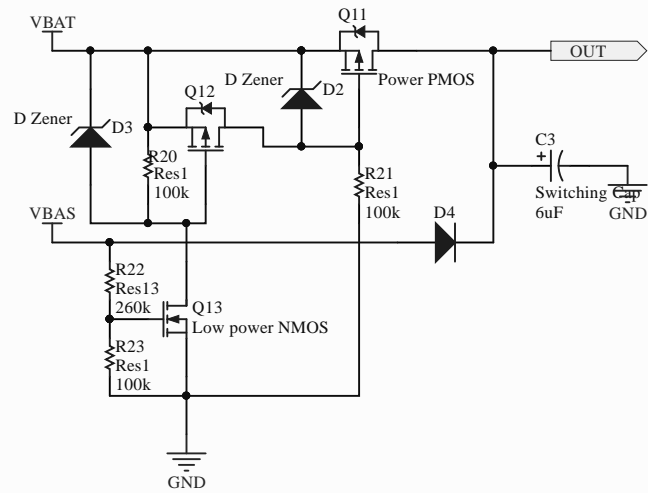
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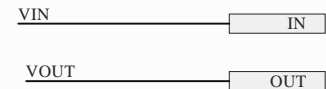
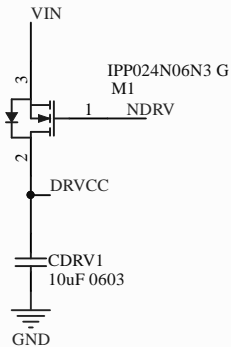
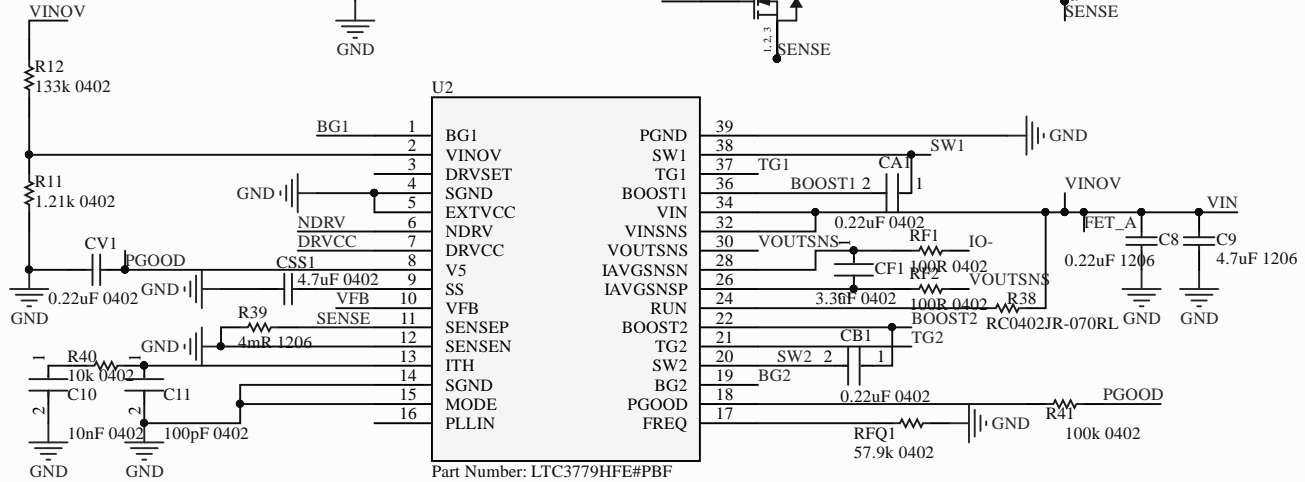
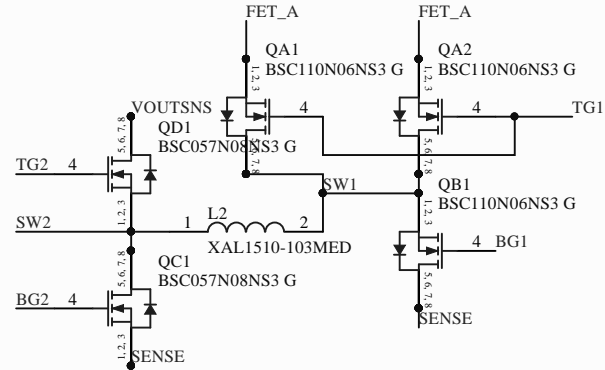
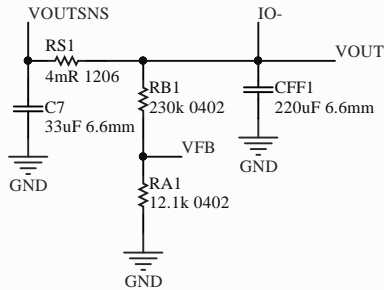
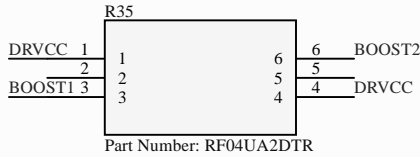
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D

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Size	Number		Revision	
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Date:	10/17/2020		Sheet	of
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Title		
LTC3779HFE: 24V Switching Regulator		
Size	Number	Revision
A		
Date:	10/17/2020	Sheet of
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A

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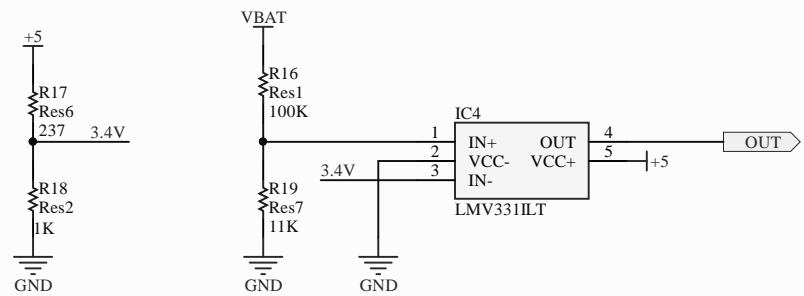
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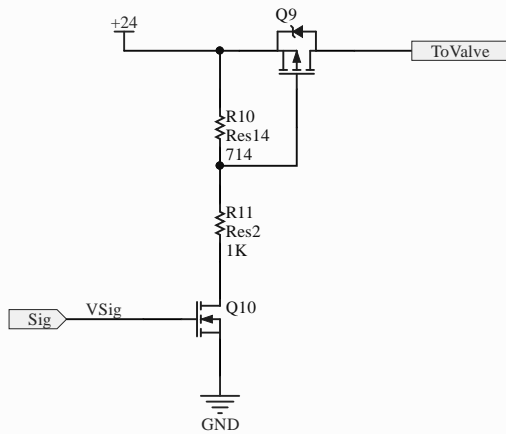
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Title		
LMV331ILT: Undervoltage Comparator		
Size	Number	Revision
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File:	C:\Users\...\Undervoltage Protection.Sch	Drawn By:



Title			Valve Toggling	
Size	Number		Revision	
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File:	C:\Users\...\ValveToggling.SchDoc		Drawn By:	