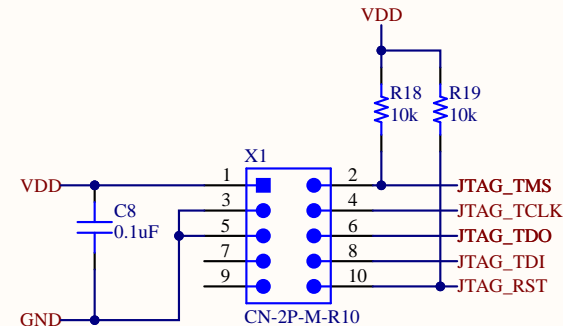
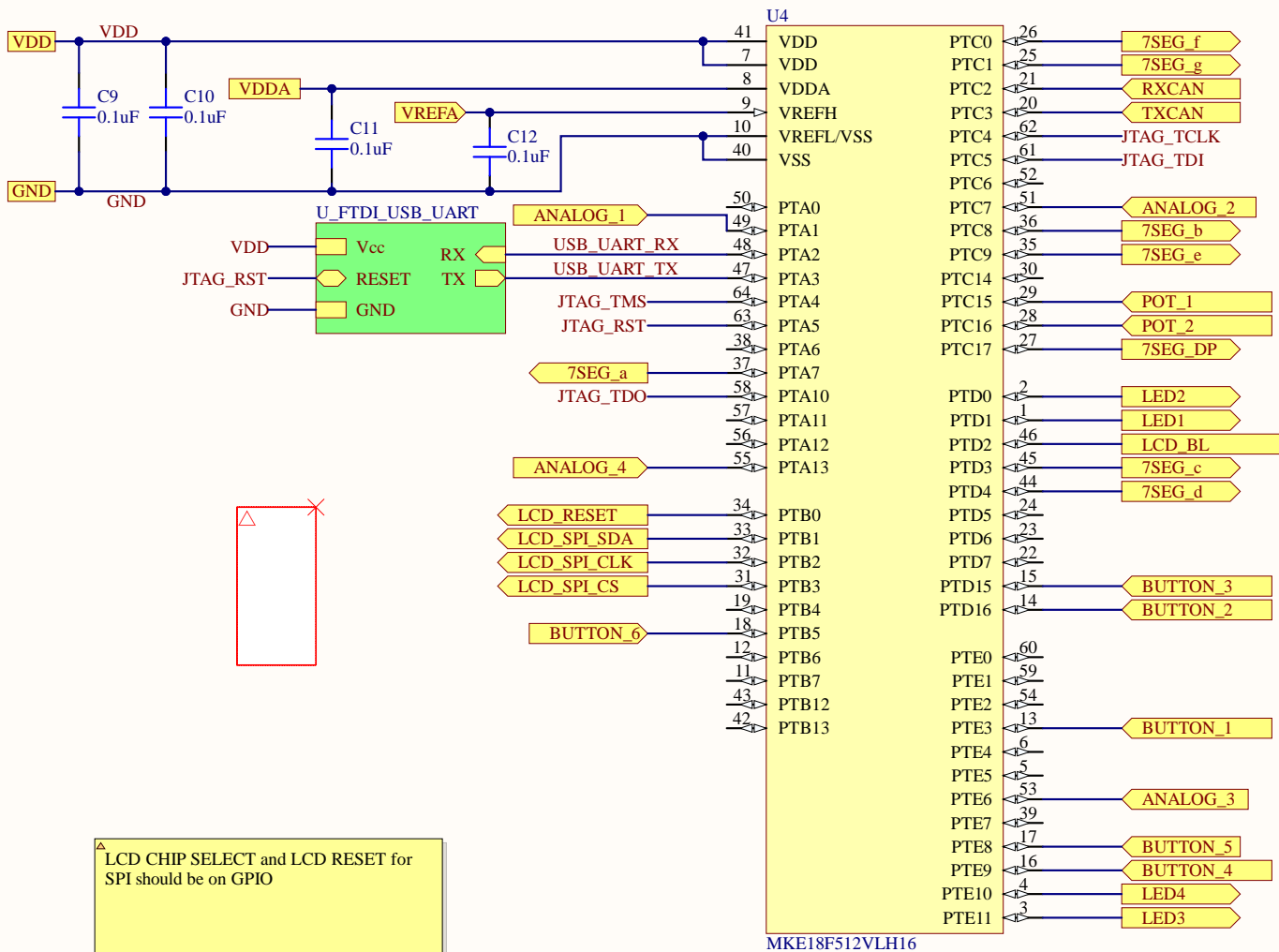


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Date:	3/07/2020	Sheet of
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PLACE PINS

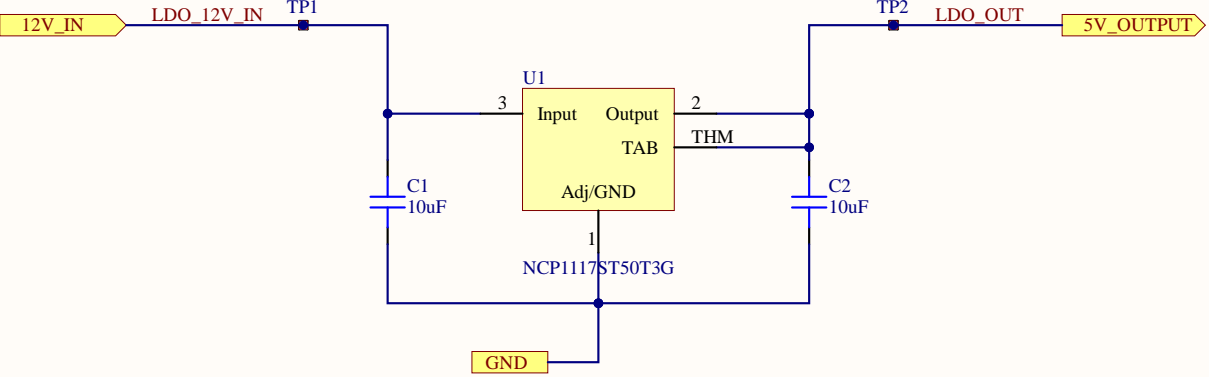


LCD CHIP SELECT and LCD RESET for SPI should be on GPIO

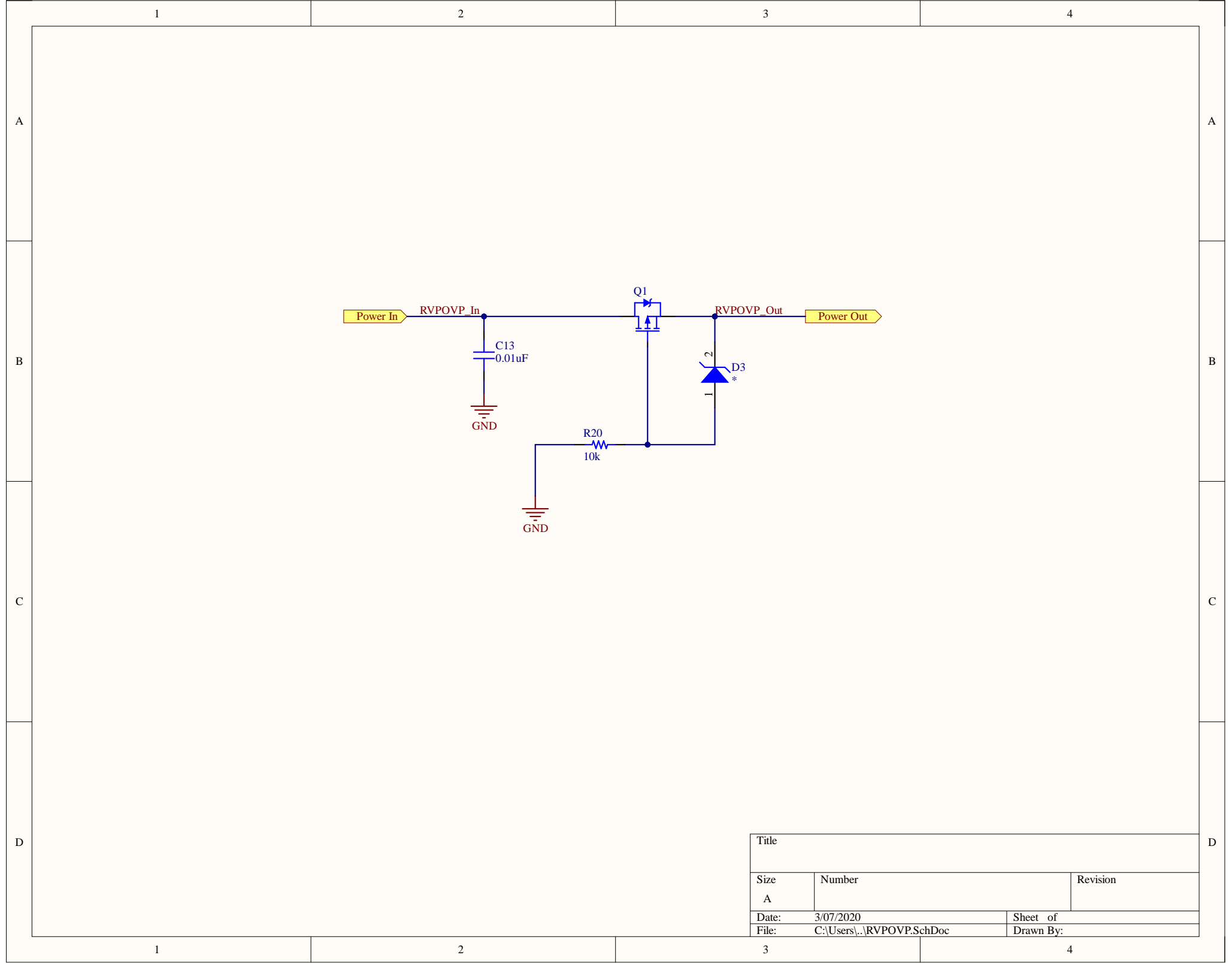
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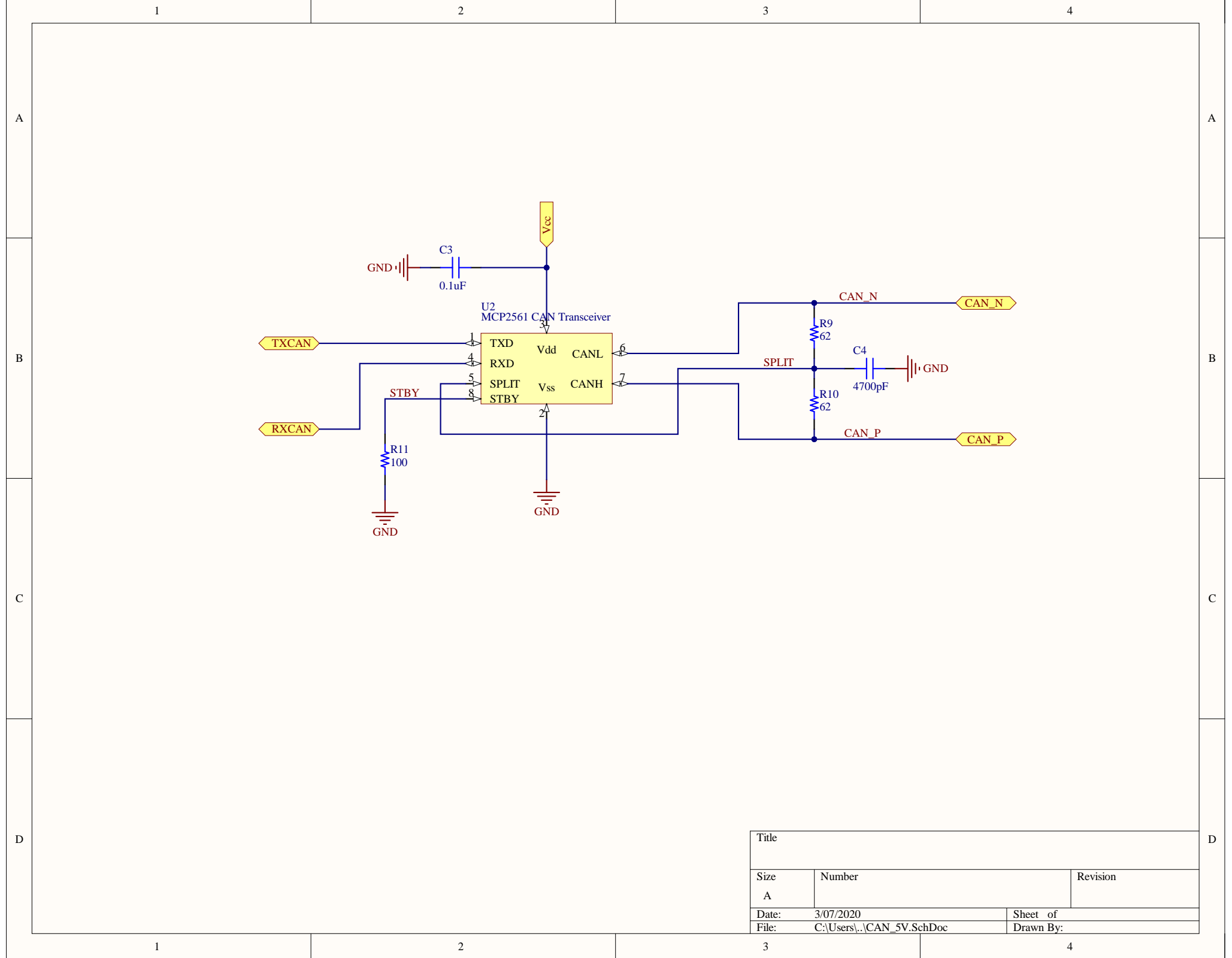
Δ Takes the 12V input and converts it to 5V output using an LDO.

Degrees Celsius rise = 105 \* current (A)

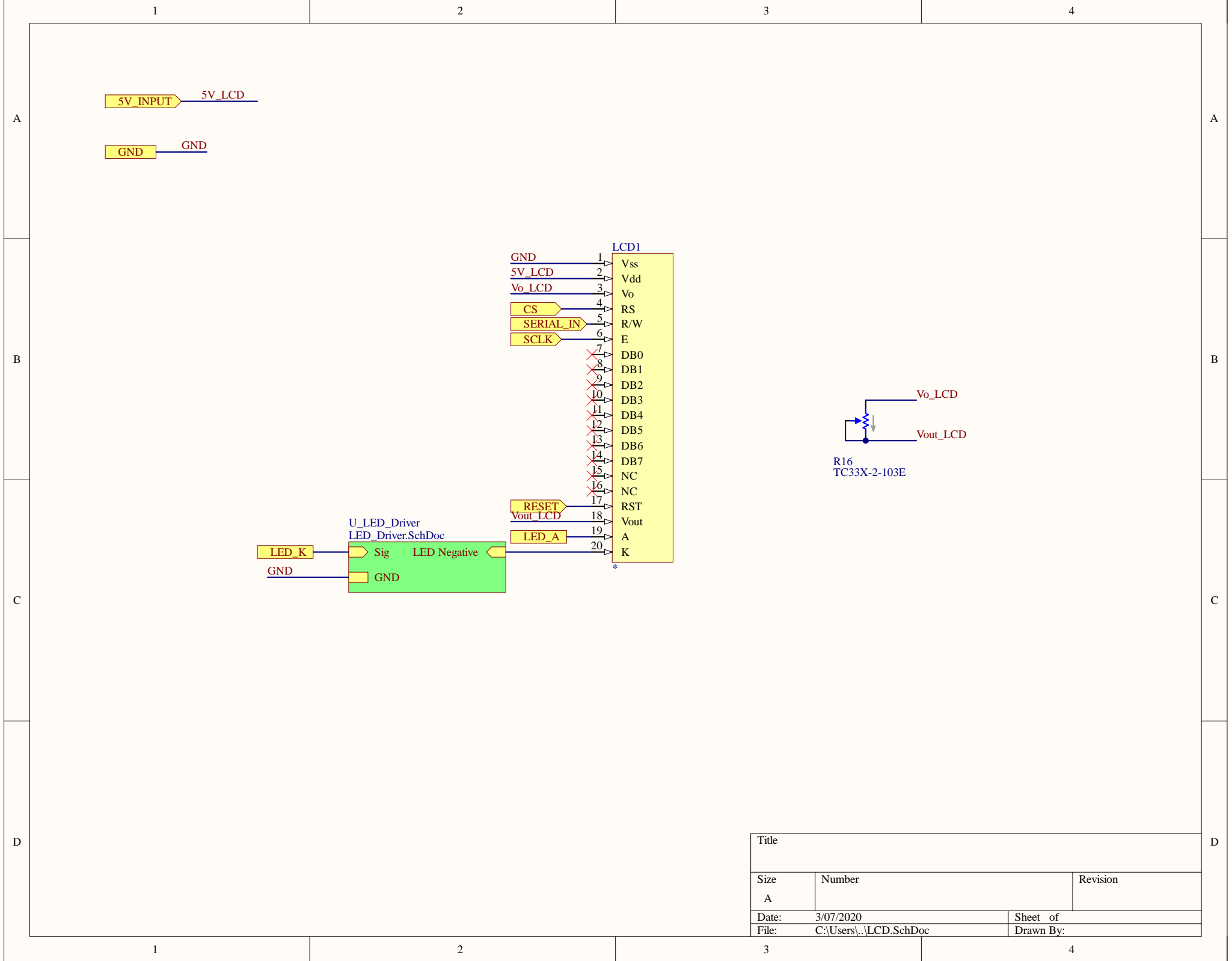


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A		
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Title		
Size	Number	Revision
A		
Date:	3/07/2020	Sheet of
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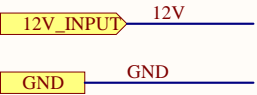
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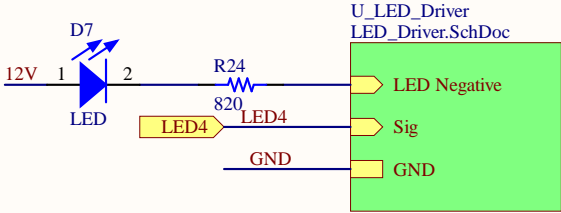
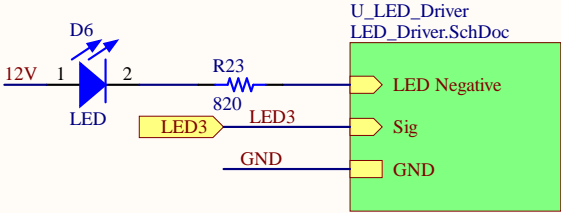
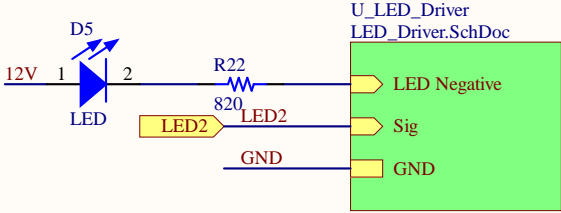
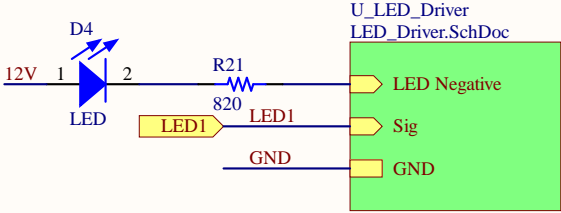
2

3

4



Resistors sized to provide 12.5mA w/ 12V supply based on 1.7 Vf



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Size	Number	Revision
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File:	C:\Users\...\WARNING_LEDS.SchDoc	Drawn By:

1

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4

A

B

C

D



1

2

3

4

A

A

B

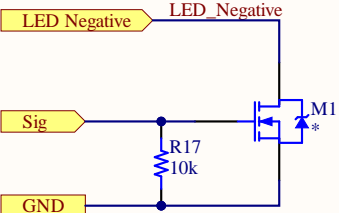
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C

C

D

D



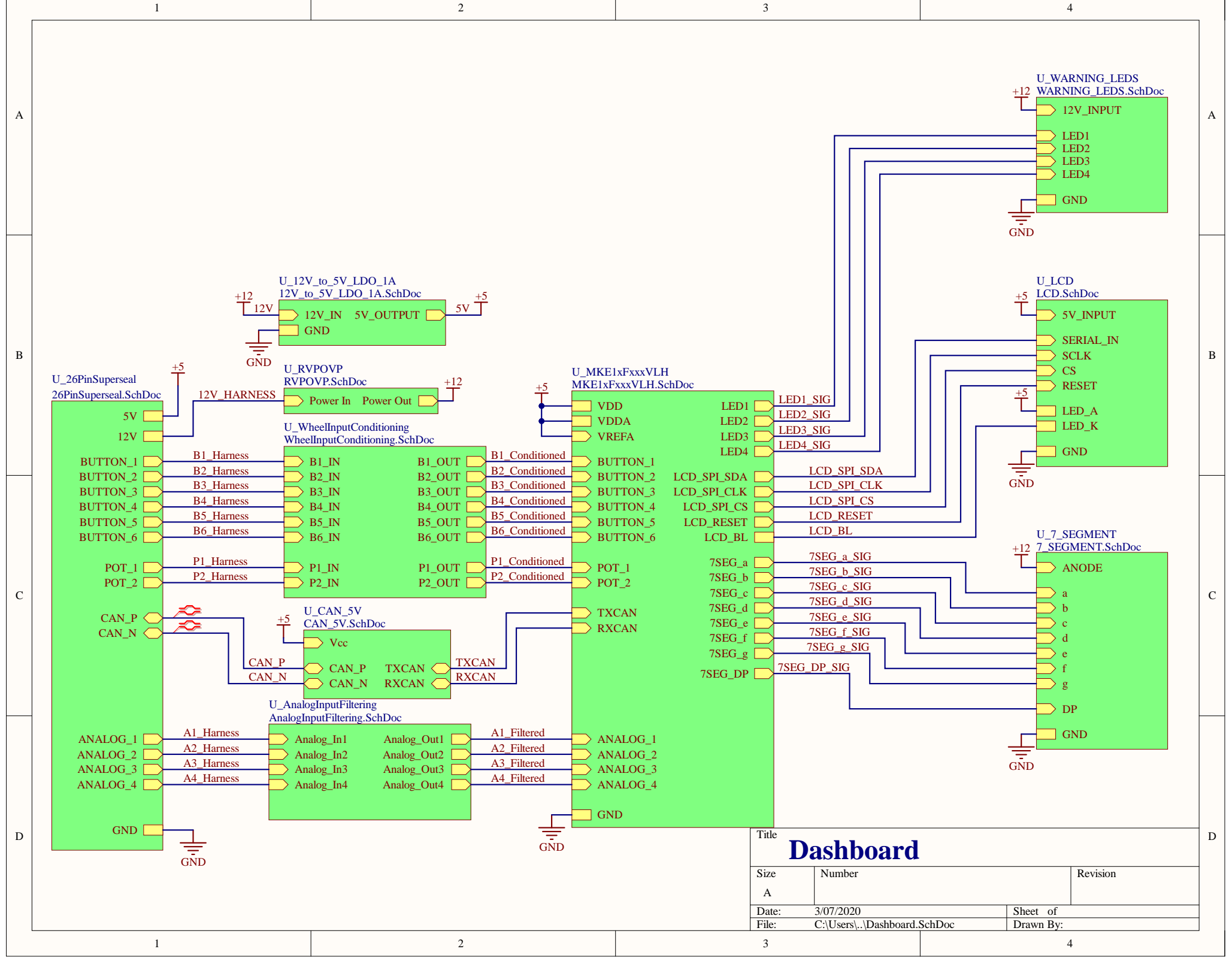
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3

4



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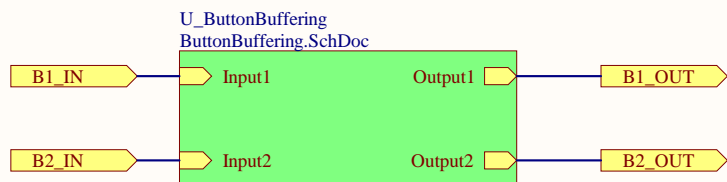
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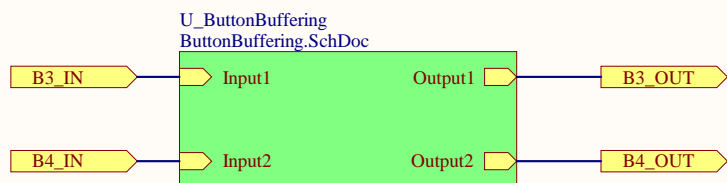
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A



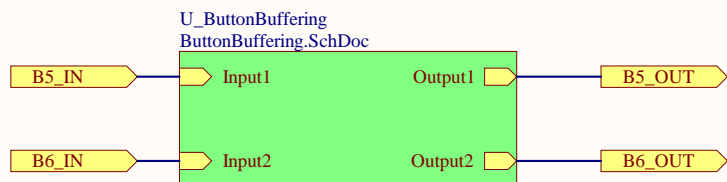
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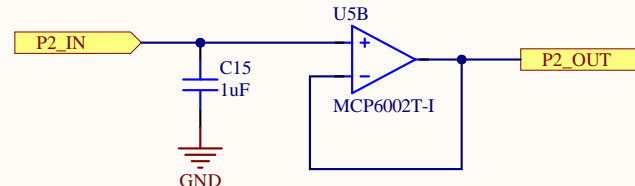
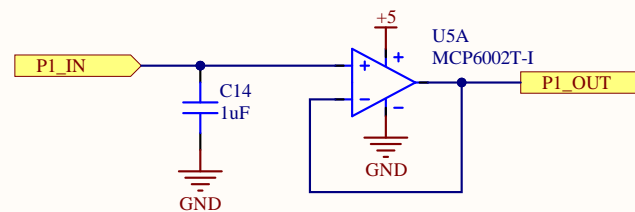
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C



D

D



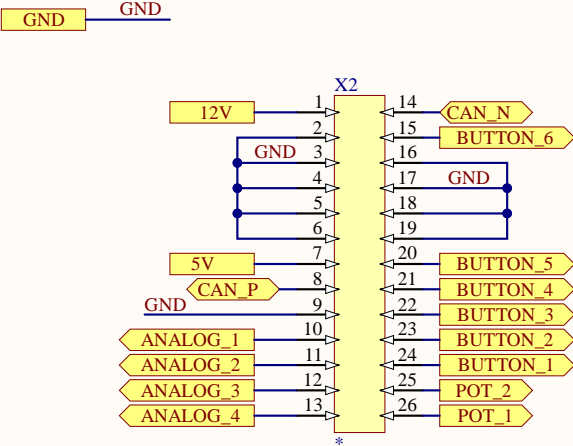
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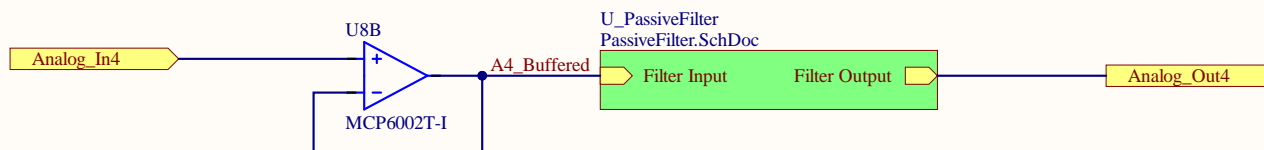
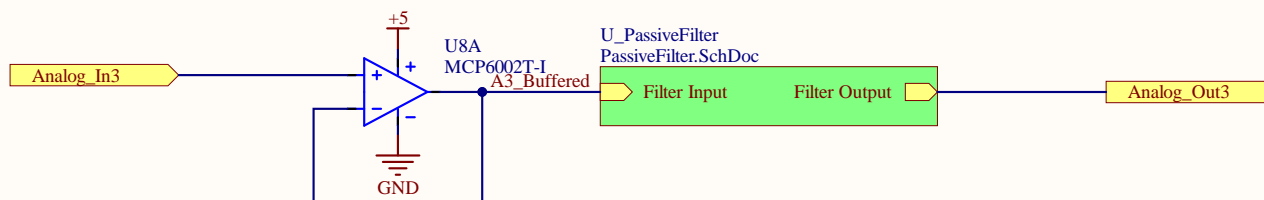
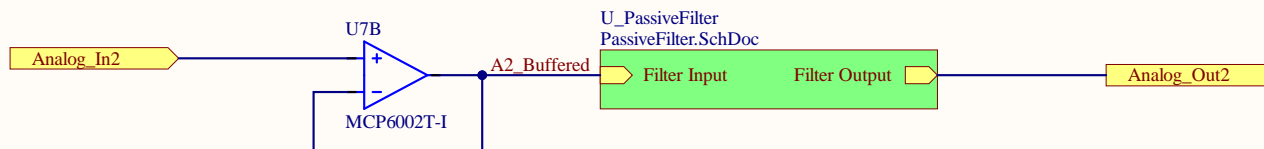
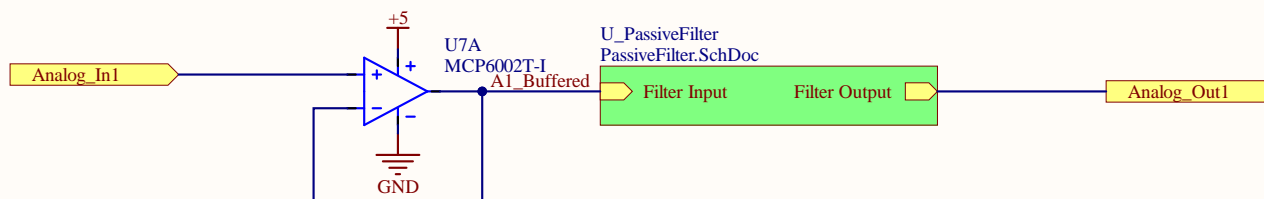
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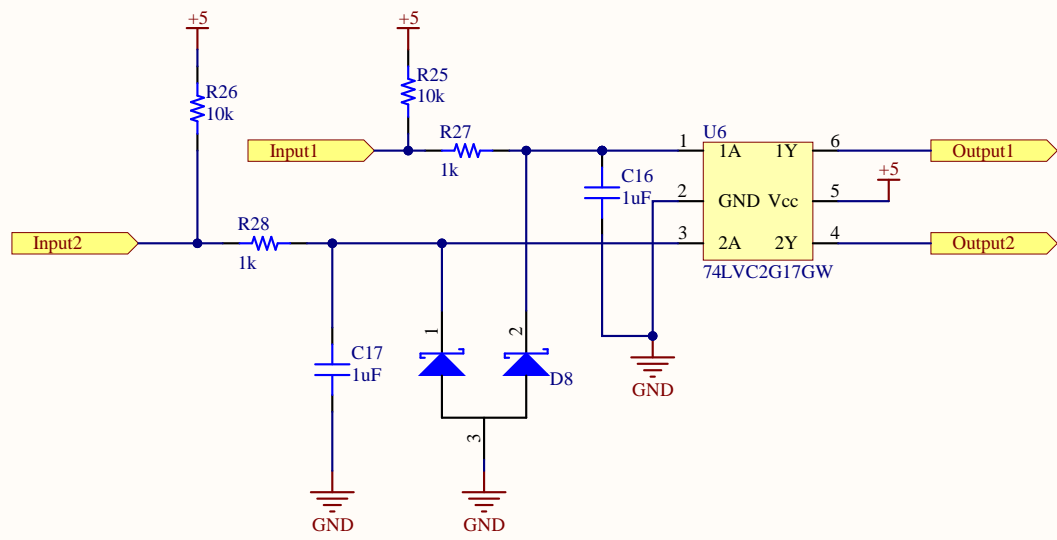
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Title			
Size	Number		Revision
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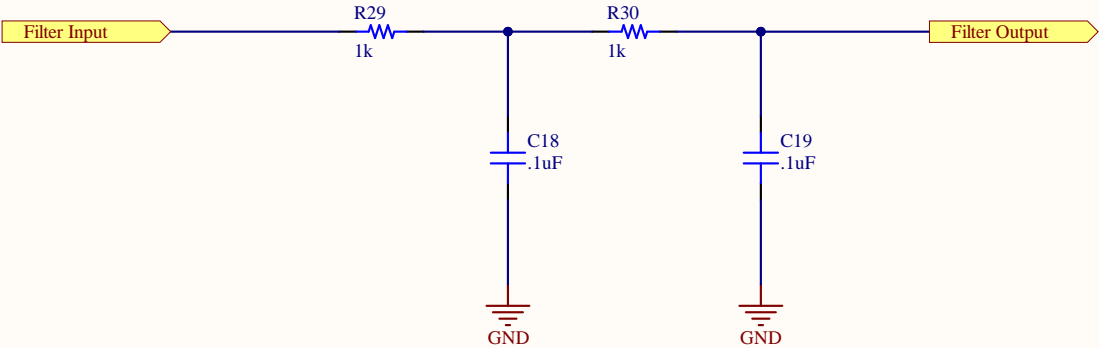


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Analog Input Filtering		
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Date:	3/07/2020	Sheet of
File:	C:\Users\...\AnalogInputFiltering.SchDoc	Drawn By:



Title		
Button Input Conditioning		
Size	Number	Revision
A		
Date:	3/07/2020	Sheet of
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Passive filters with a 595Hz cutoff frequency



Title			<b>Passive Filter</b>	
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A				
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File:	C:\Users\...\PassiveFilter.SchDoc		Drawn By:	

