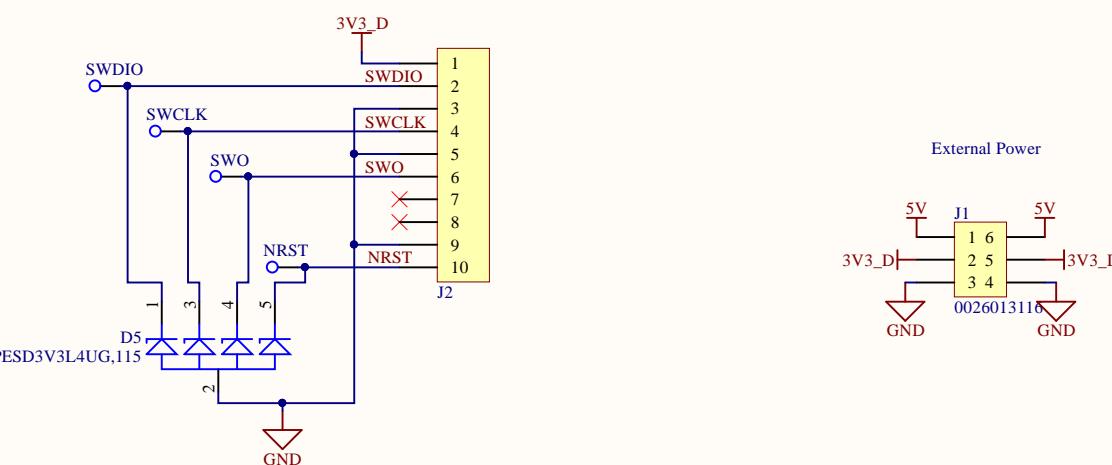
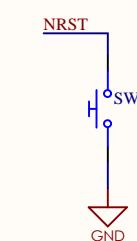


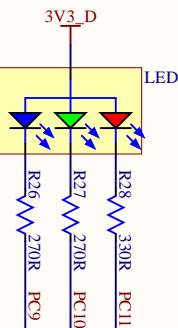
SWD Programming Header



Reset Button



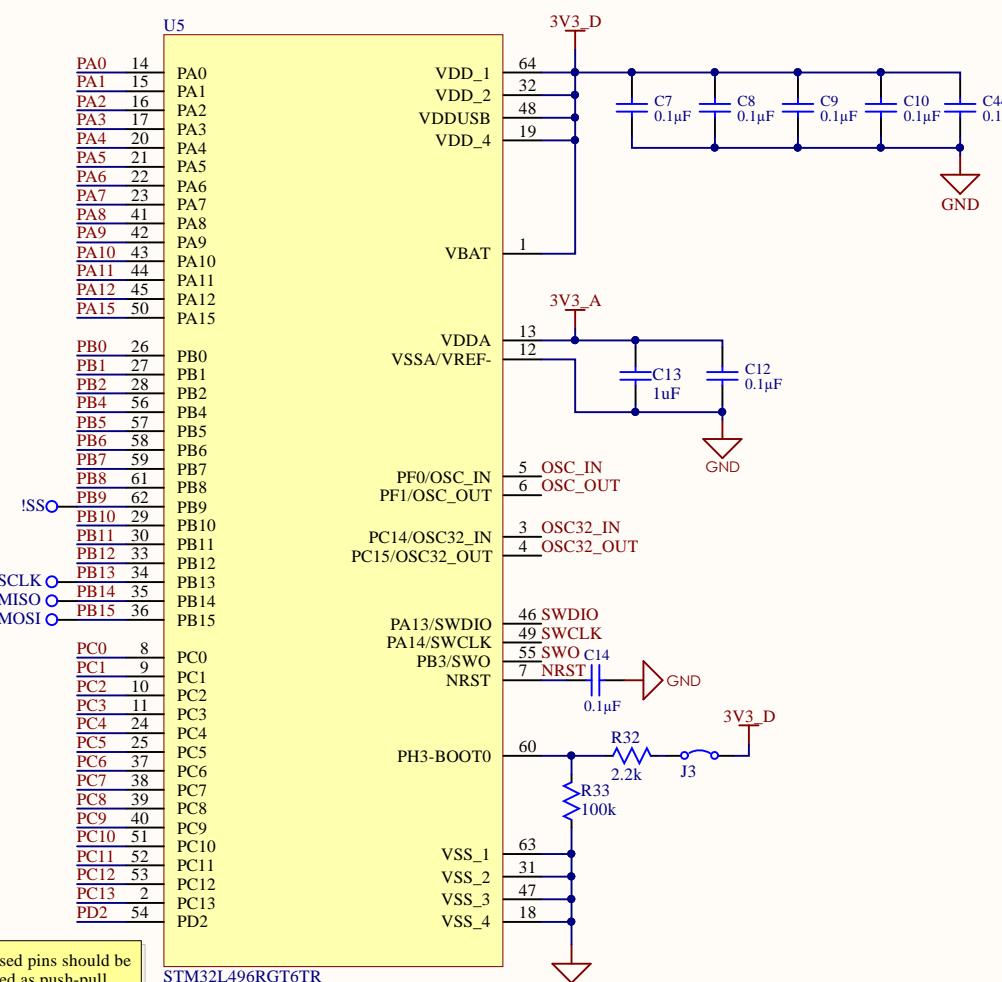
General Purpose RGB LED



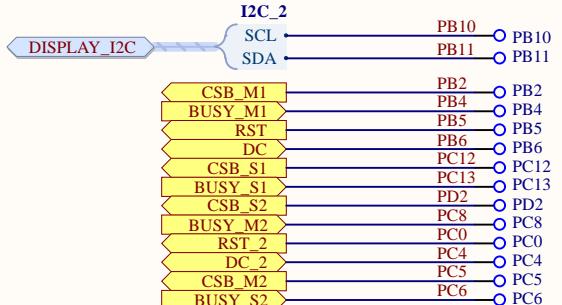
UART (From USB)



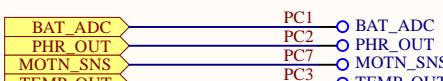
Microcontroller



Display Interface



Sensor Signals

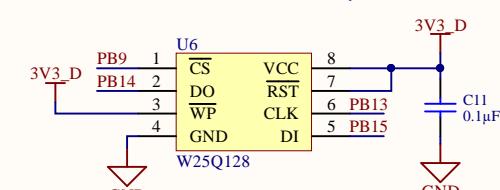


All un-used pins should be configured as push-pull and driven low.

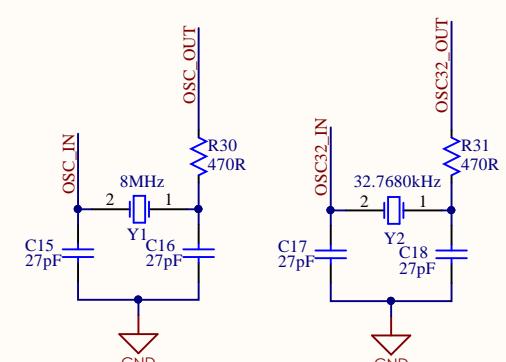
LED Output



128M-Bit Serial Flash Memory



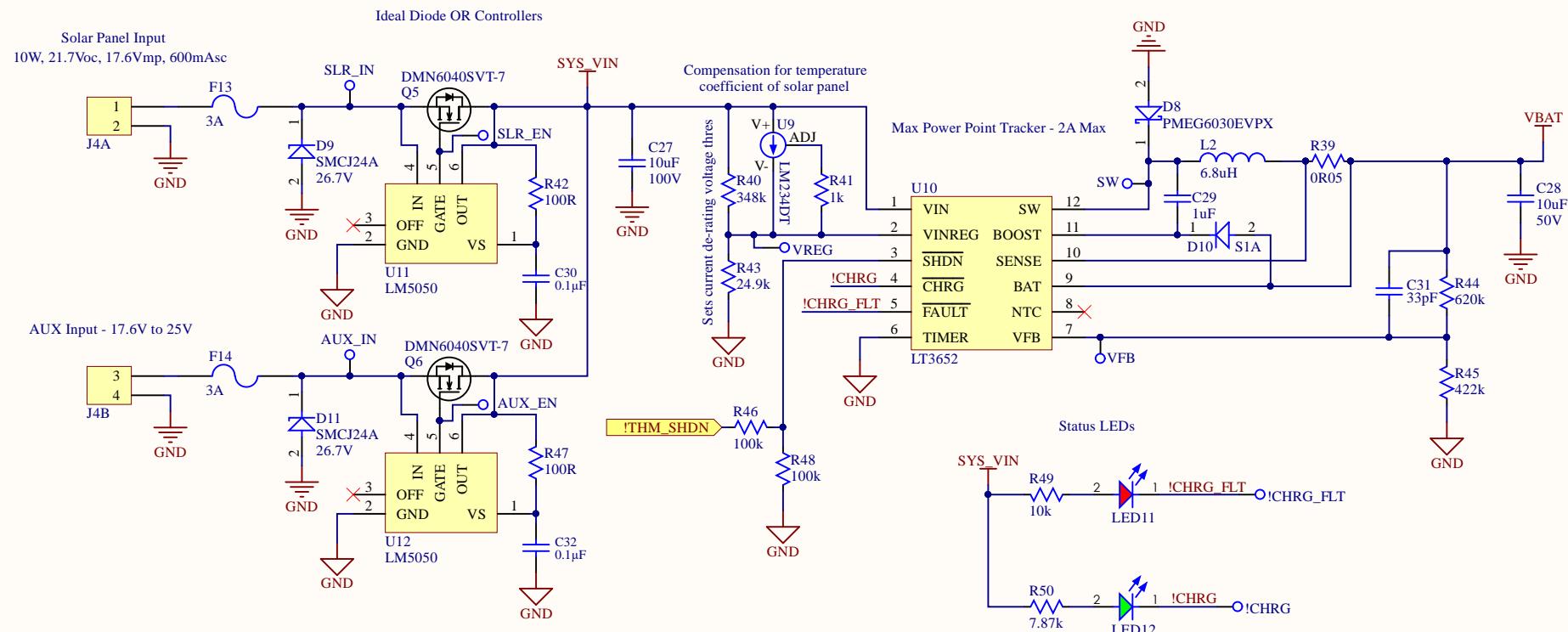
External Oscillators



Title Microcontroller I/O

Size	Number	Revision
A3		Rev. A
Date:	2020-02-04	Sheet 2 of 7
File:	C:\Users\..\MCU IO.SchDoc	Drawn By: G. Goodwin-Wilson

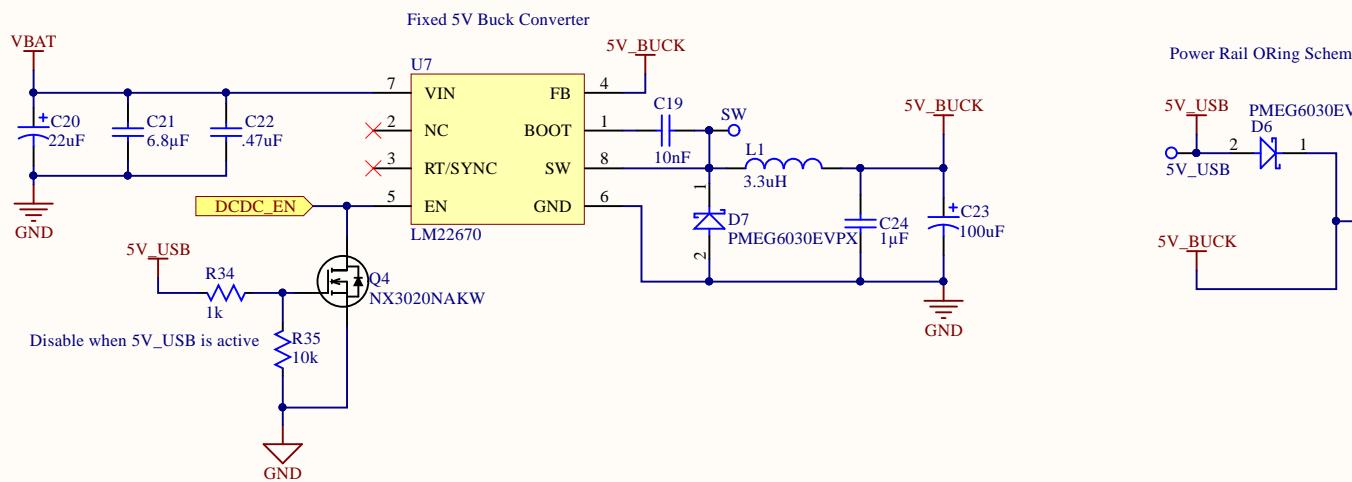
A



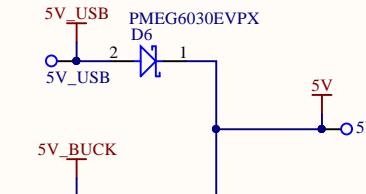
Title
Solar Charging

Size	Number	Revision
A4		Rev. A
Date:	2020-02-04	Sheet 3 of 7
File:	C:\Users\...\Solar Charging.SchDoc	Drawn By: G. Goodwin-Wilson

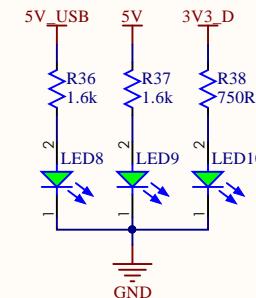
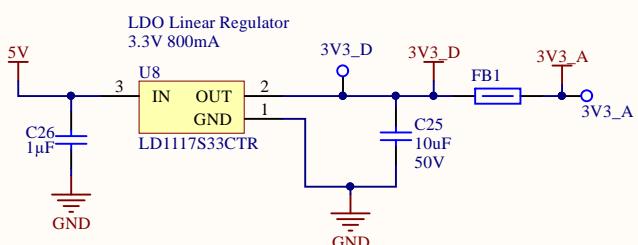
A



Power Rail ORing Scheme



B



C

Title Power	
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Size A4	Number
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Revision Rev. A

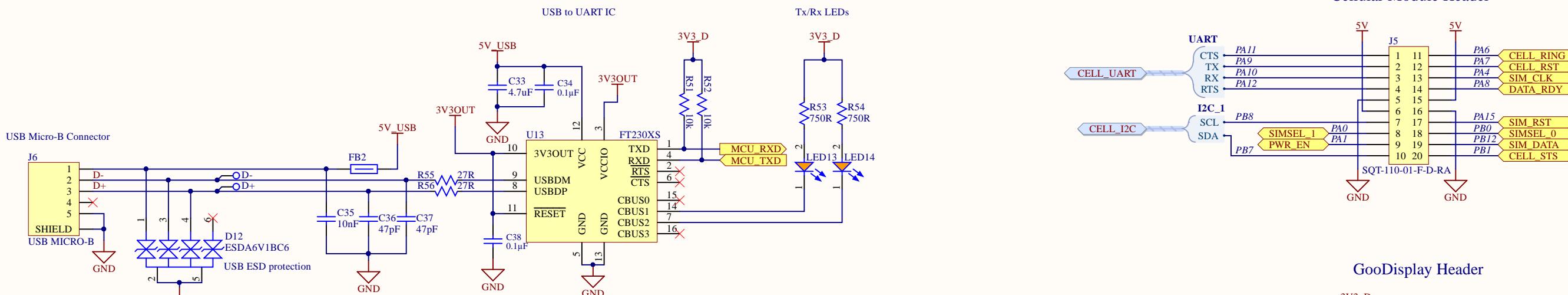
Date: 2020-02-04

Sheet 4 of 7

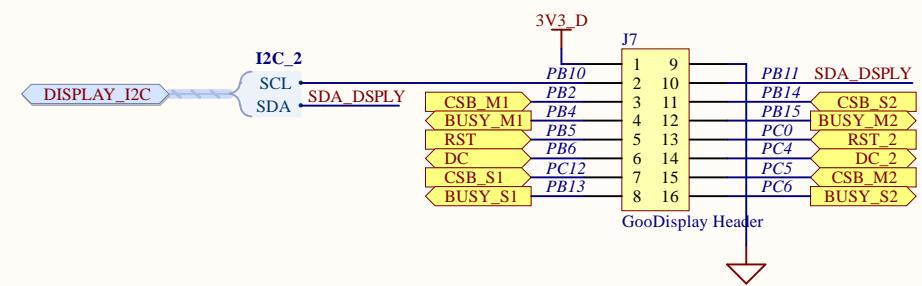
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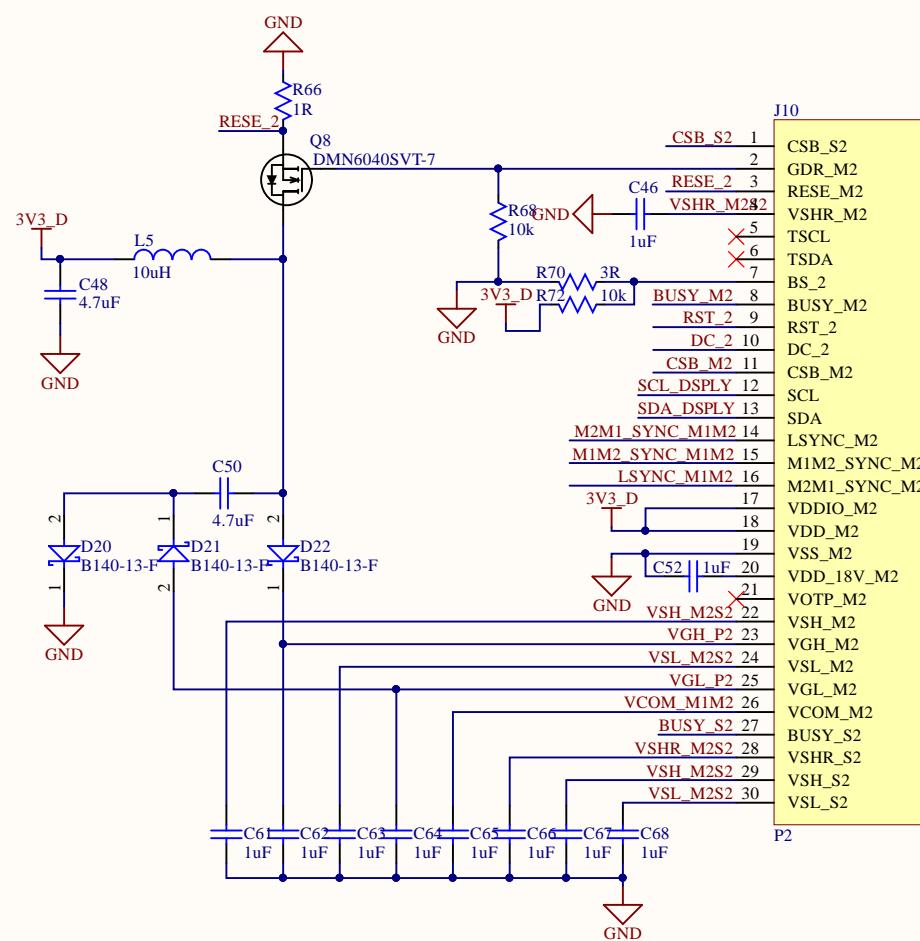
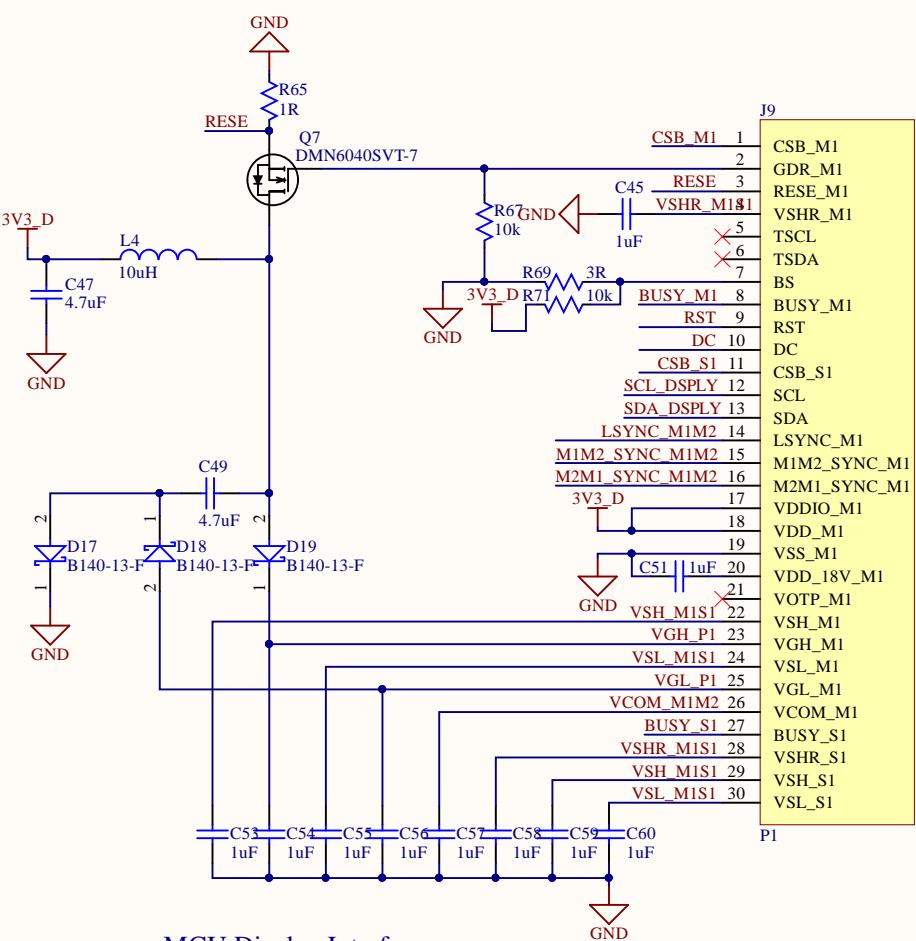
Drawn By: G. Goodwin-Wilson

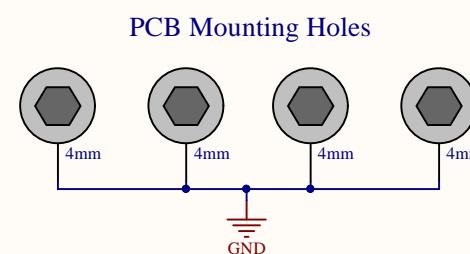
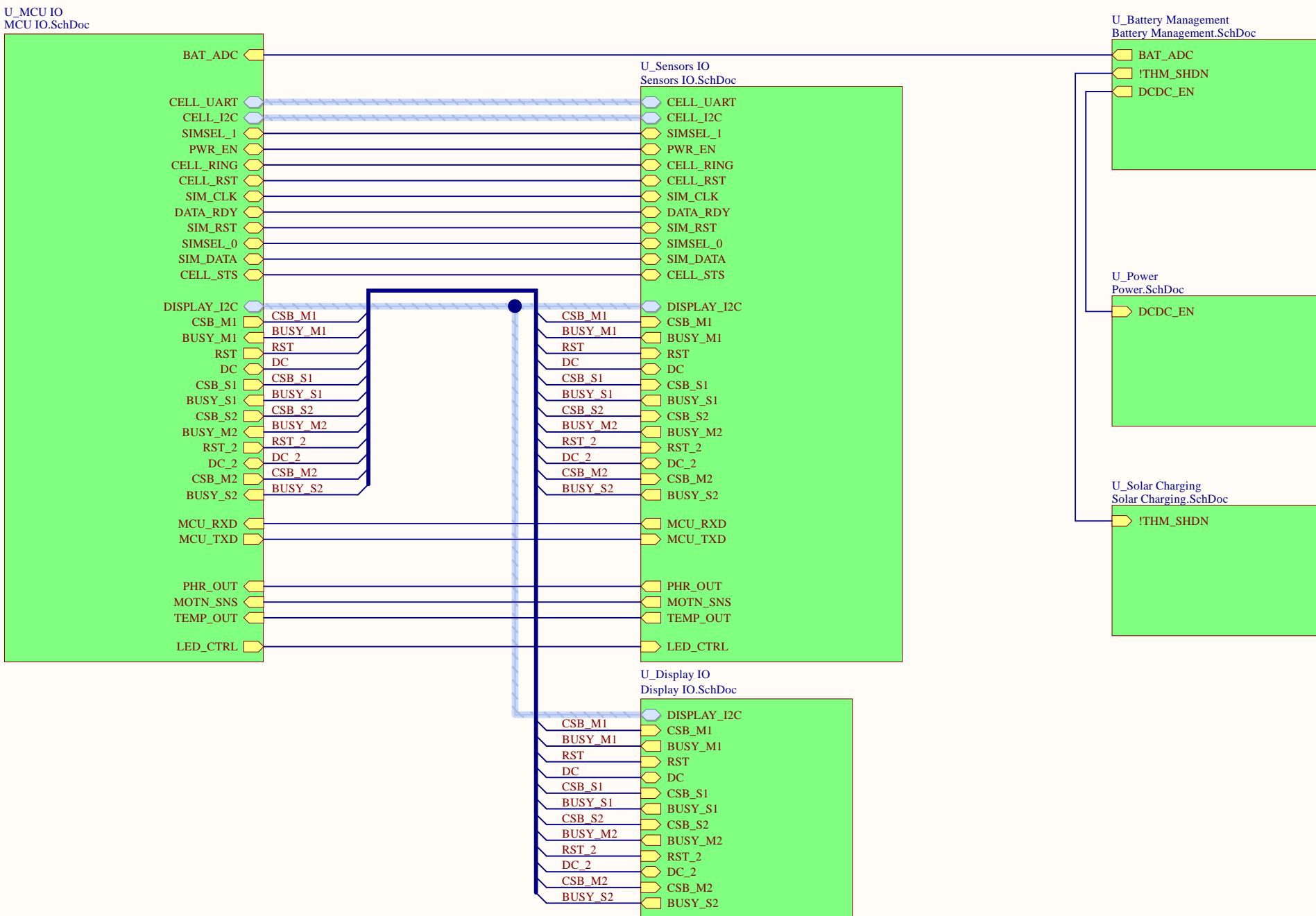
Cellular Module Header



GooDisplay Header







Title		
Top Level		
Size	Number	Revision
A3		Rev. A
Date:	2020-02-04	Sheet 7 of 7
File:	C:\Users\..\Top Level.SchDoc	Drawn By: G. Goodwin-Wilson