

Title		
315MHz RF transmitter		
Size	Number	Revision
A		
Date:	10/20/2022	Sheet of
File:	I:\ECE453\...\Transmitter.SchDoc	Drawn By:

Revision History:

Date: Revision: Comments:

Initial Revision
Additional Notes:



Important Notes about this Schematic:

DESIGN NOTE:
Design notes in gray text boxes give information about design requirements and descisions.

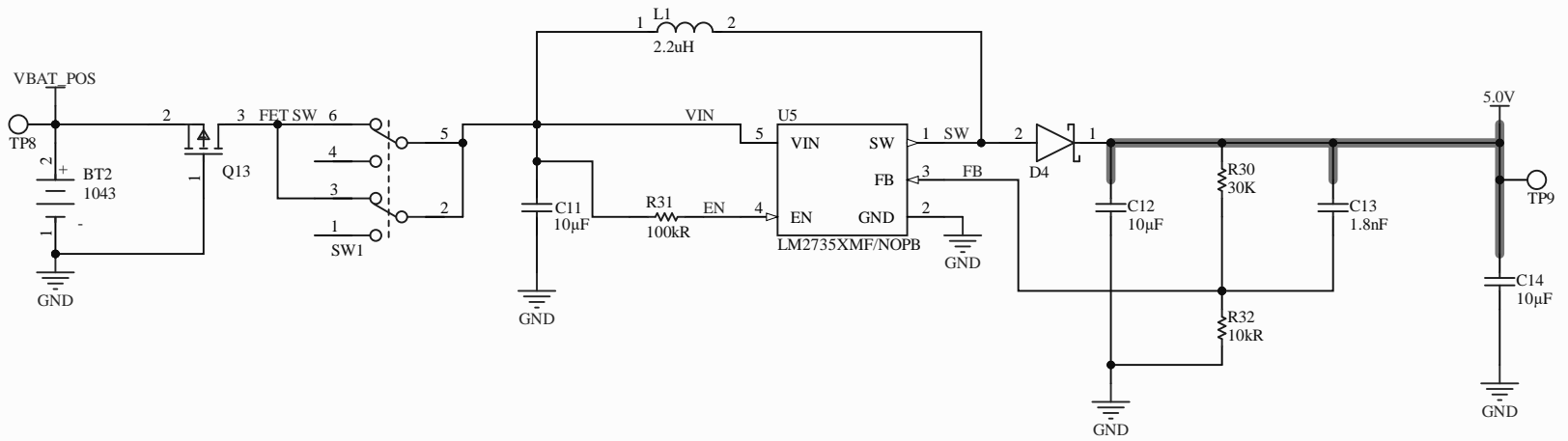
LAYOUT NOTE:
Layout notes in red text boxes give information regarding layout requirements.

Revision History and Table of Contents

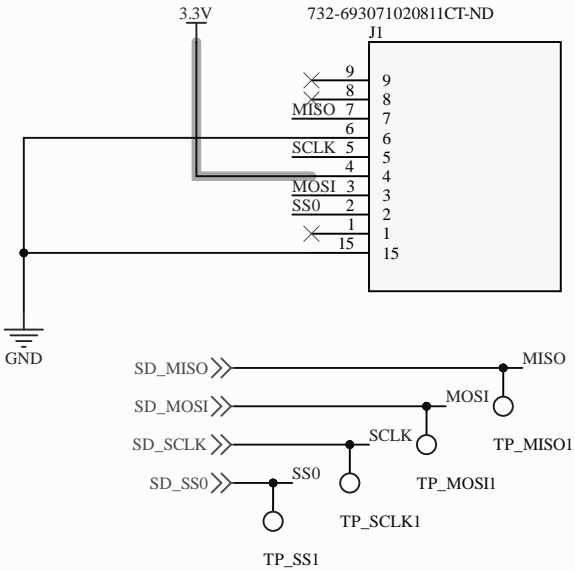
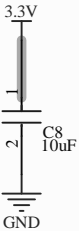


Title		
Size	Number	Revision
A		
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File:	I:\ECE453\...\01-Revision_History_and_Contents.BspDoc	

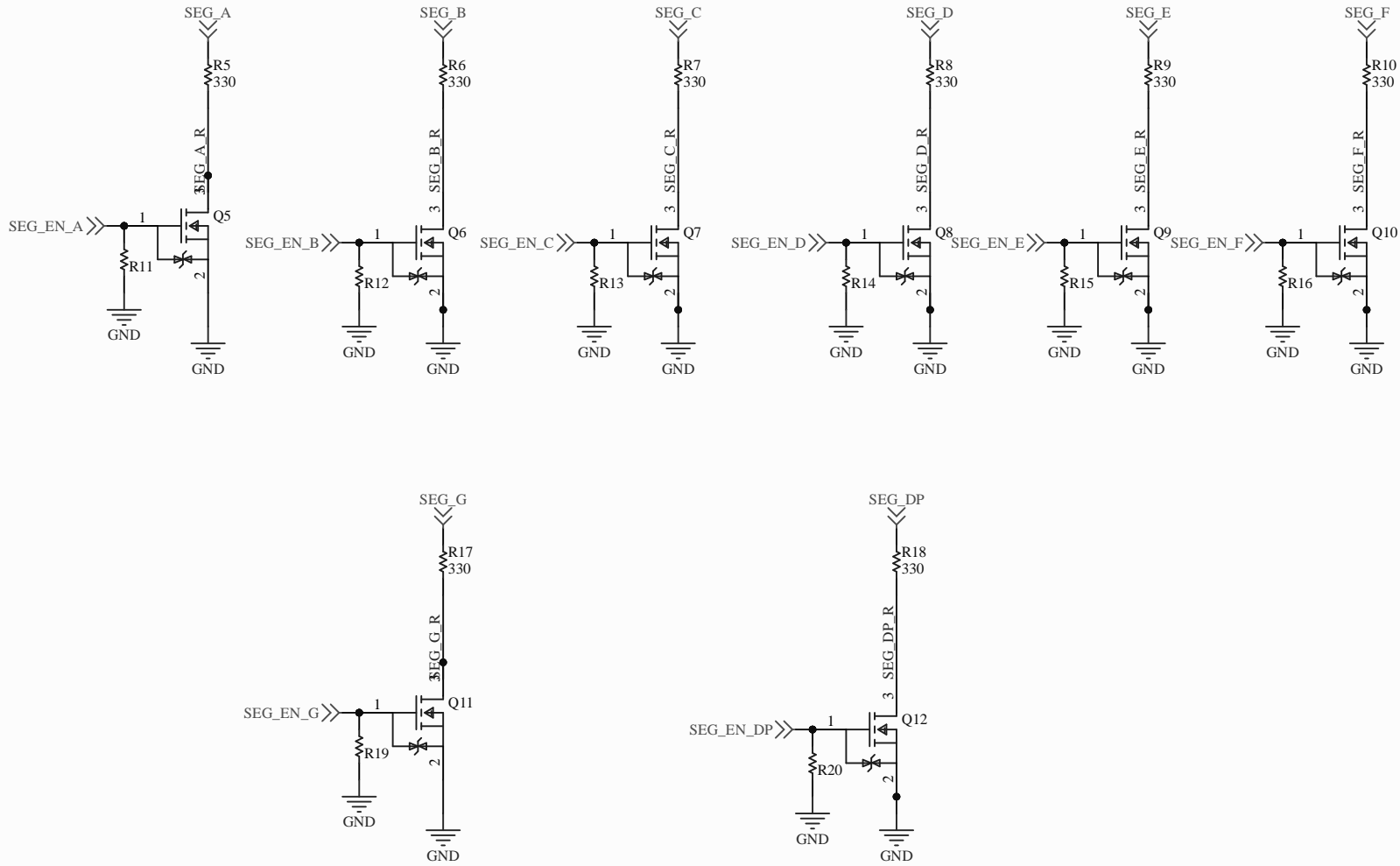
An 18650 Battery is used to supply VBAT. The voltage will be in the range of 3.7 to 4.2 Volts



Title		
Battery Voltage Regulator - 5.0V		
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Title		
SD Card Module		
Size	Number	Revision
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Date:	10/20/2022	Sheet of
File:	I:\ECE453\...\05-SD_Card.SchDoc	Drawn By:



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Title Seven Seg I/O		
Size A	Number	Revision
Date:	10/20/2022	Sheet of
File:	I:\ECE453\...\04_Seven_Seg.SchDoc	Drawn By:

A

B

C

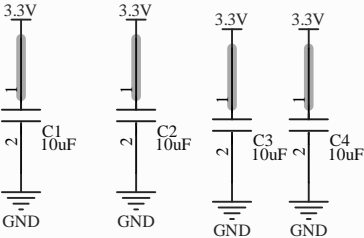
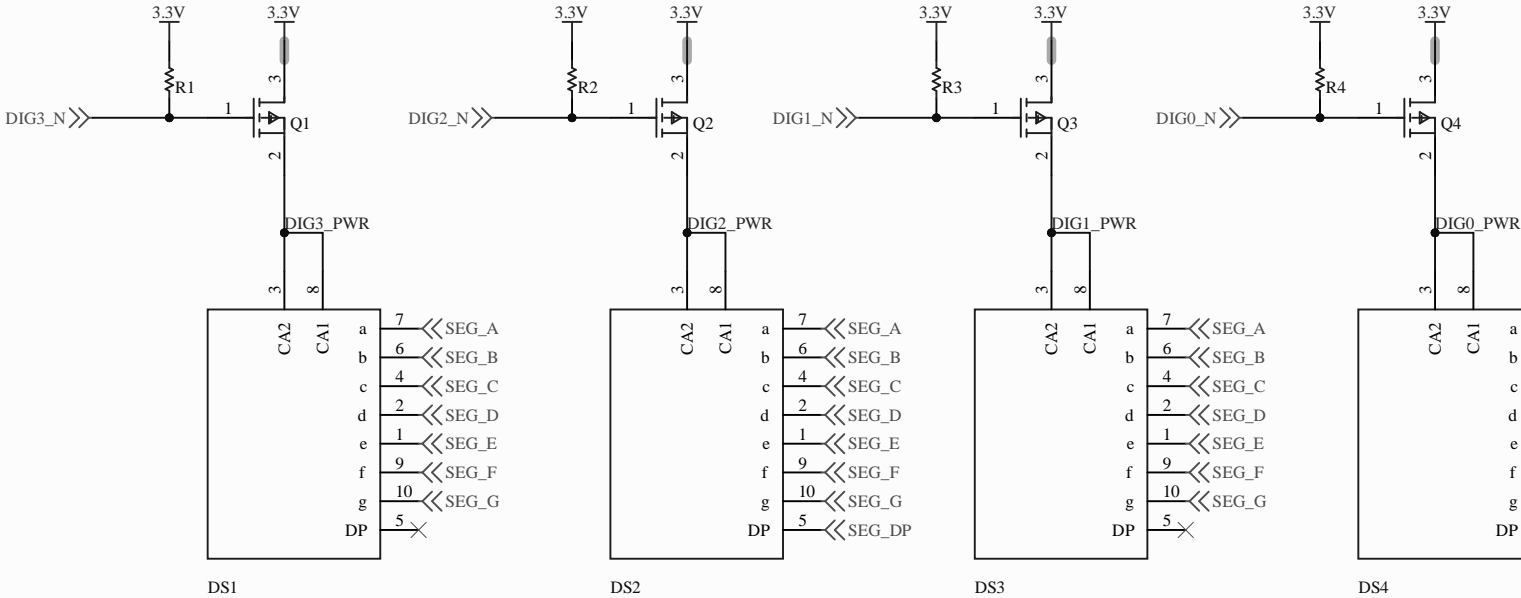
D

A

B

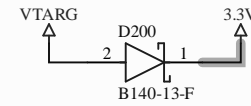
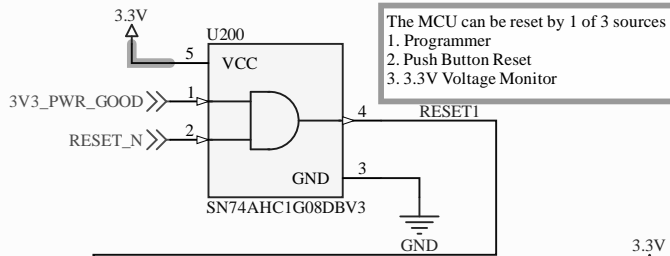
C

D

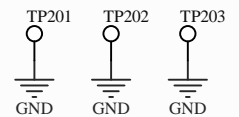
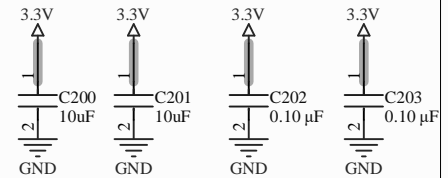
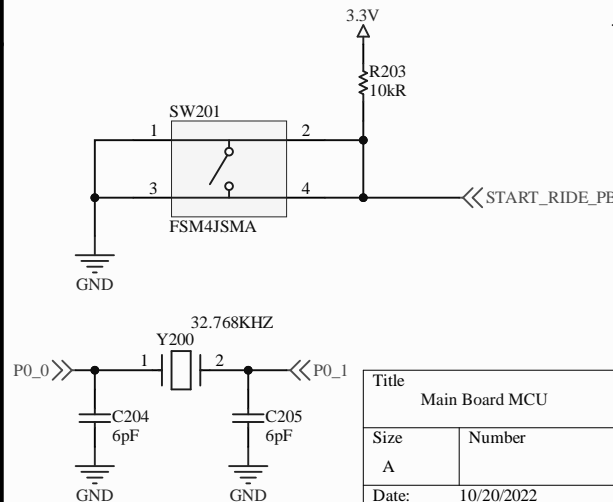
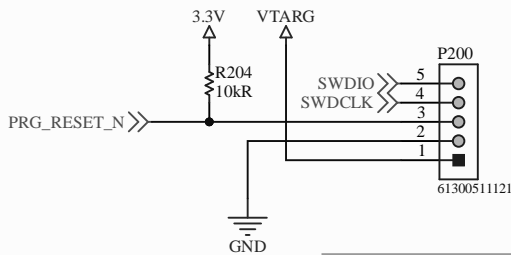
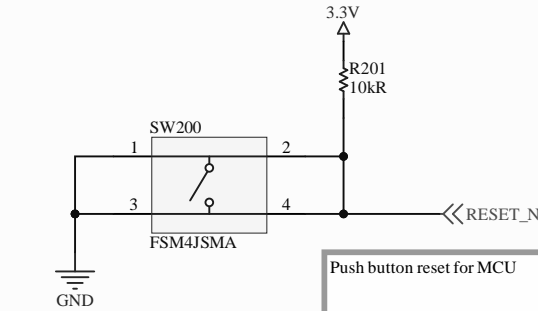
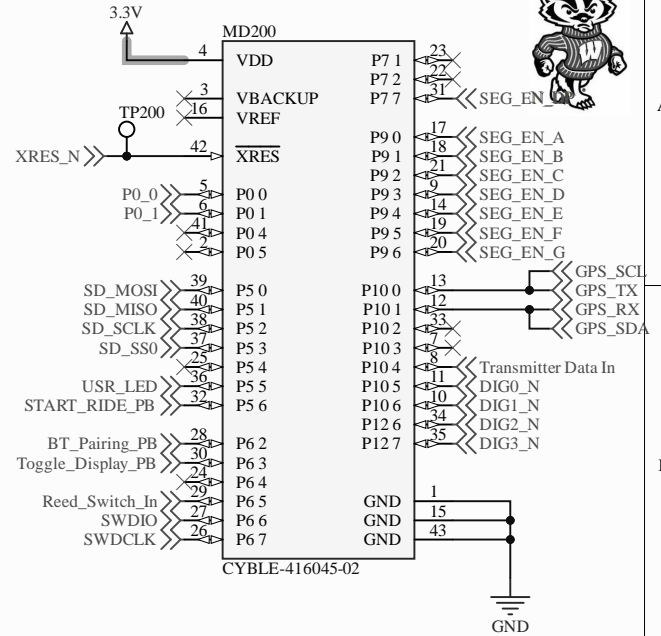
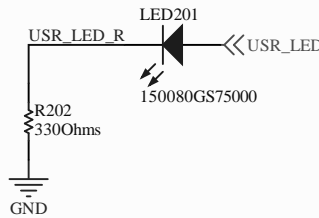
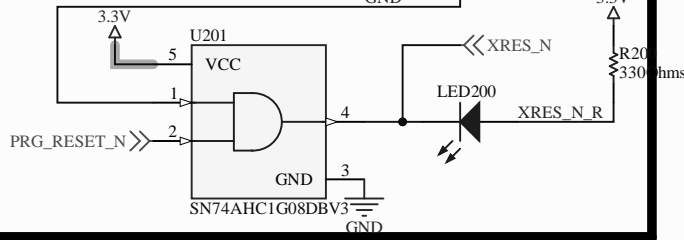


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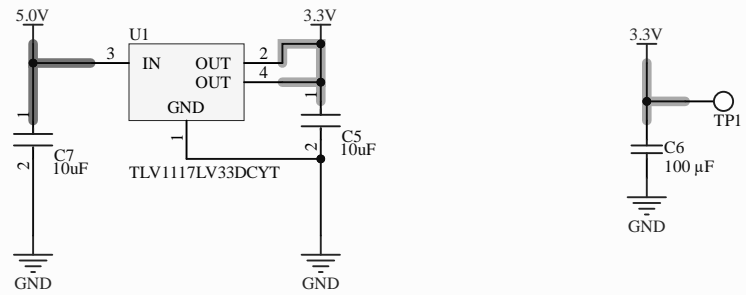
Title Seven Seg Module		
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Diode ensures the the programmer target voltage is not connected directly to the 3.3V supply



Title		
Main Board MCU		
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Date:	10/20/2022	Sheet of
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Title Battery Voltage Regulator - 3.3V			
Size A	Number		Revision
Date:	10/20/2022		Sheet of
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