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Revision History:

Date: **Revision:** **Comments:**




ECE 353 Carrier

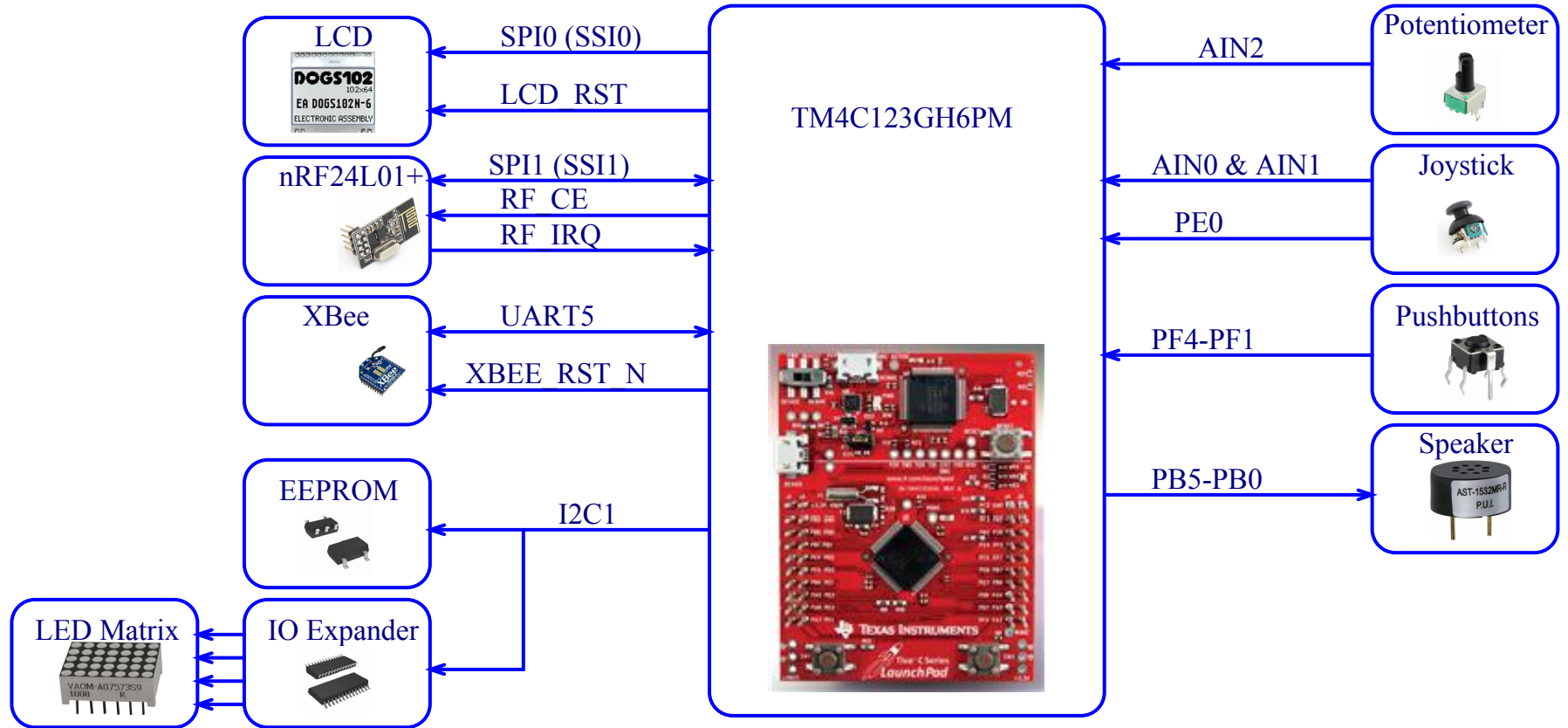
DESIGN NOTE:
Design notes in gray text boxes give information about design requirements and decisions.

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

Revision History and Table of Contents

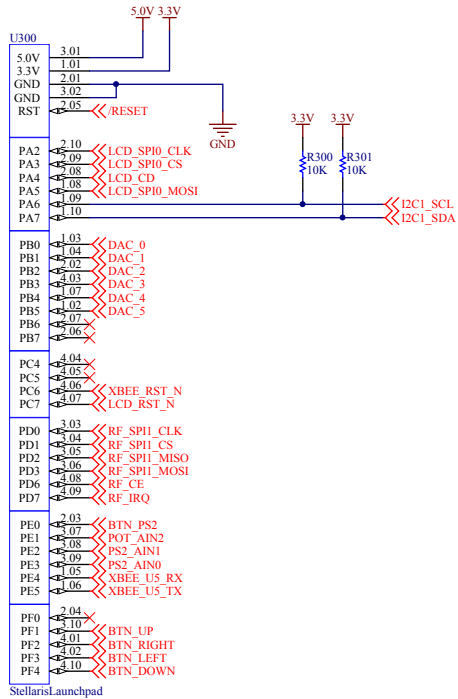
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A			03/16/14	JSK	10/23/2014						
				Approved By:	Date:	Size:	Machine:	P.C. Board No:	Assembly No:	Rev:	Sheet:
				JSK	TBD	B			ECE353 Carrier Card v340	1	of 6
				Unless otherwise specified: All resistors are in Ohms and are 1/8 W 1% tolerance All capacitors are in microFarads and are 10% tolerance		 THE UNIVERSITY WISCONSIN MADISON			College of Engineering 1415 Engineering Drive Madison, WI 53706 ECE 353		

Mechanicals

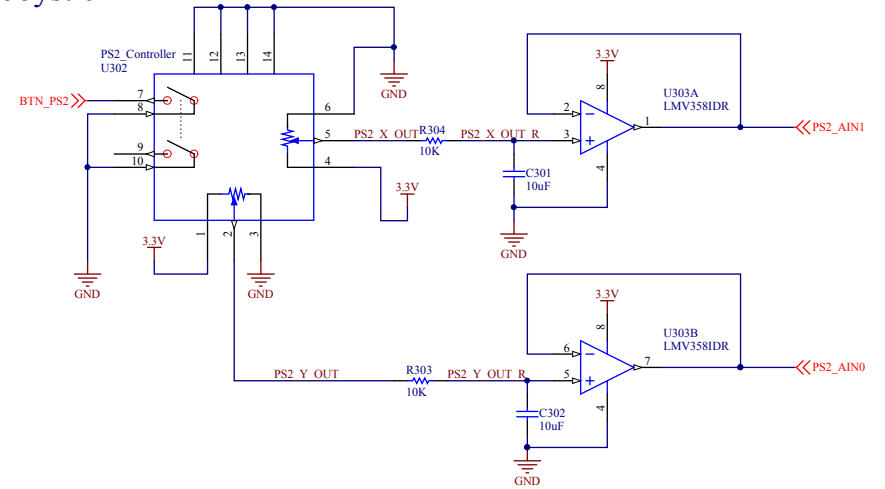


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				Unless otherwise specified:		College of Engineering 1415 Engineering Drive Madison, WI 53706				

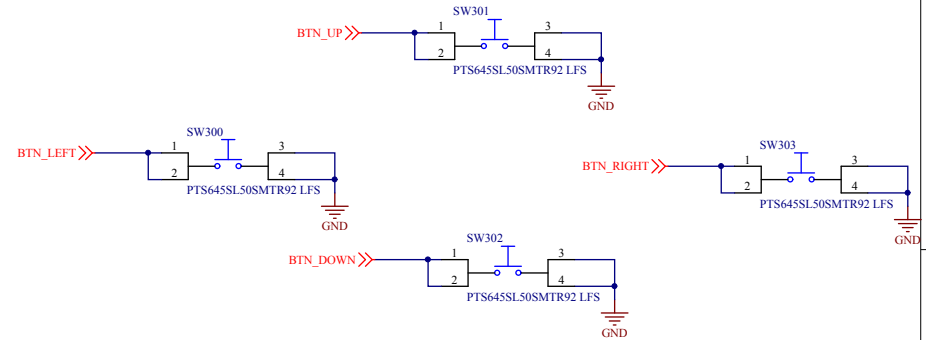
Tiva Launchpad



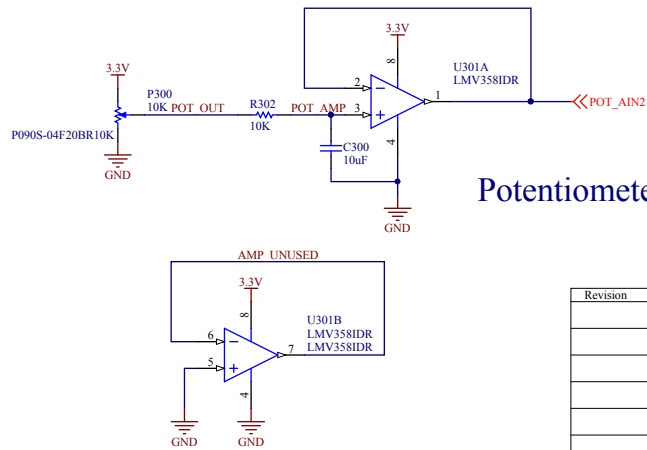
PS2 Joystick




Push Buttons

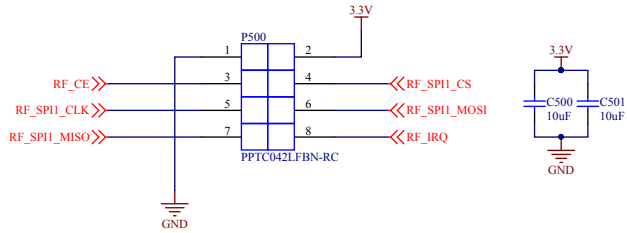


Potentiometer



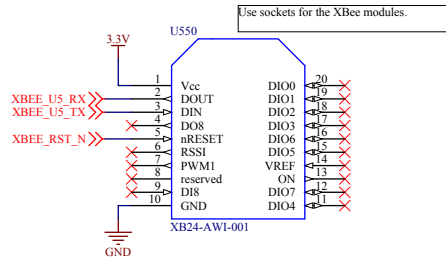
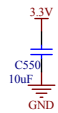
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			03/16/14	JSK	10/23/2014	Launchpad / Analog Inputs					
				Approved By	Date	Size	Machine	P.C. Board No.	Assembly No.	Rev	Sheet
				JSK	TBD	B			ECE353 Carrier Card v3.0	3	of 6
				Unless otherwise specified: All resistors are in Ohms and are 1/8 W 1% tolerance All capacitors are in microFarads and are 10% tolerance				 College of Engineering 1415 Engineering Drive Madison, WI 53706			
								ECE 353			

nRF24L01+

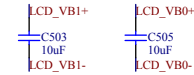
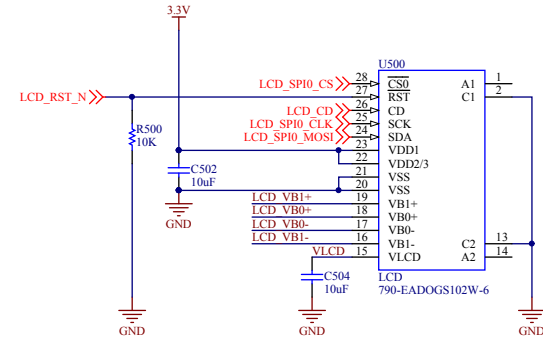


XBee Module

Place near XBee Module



LCD Display



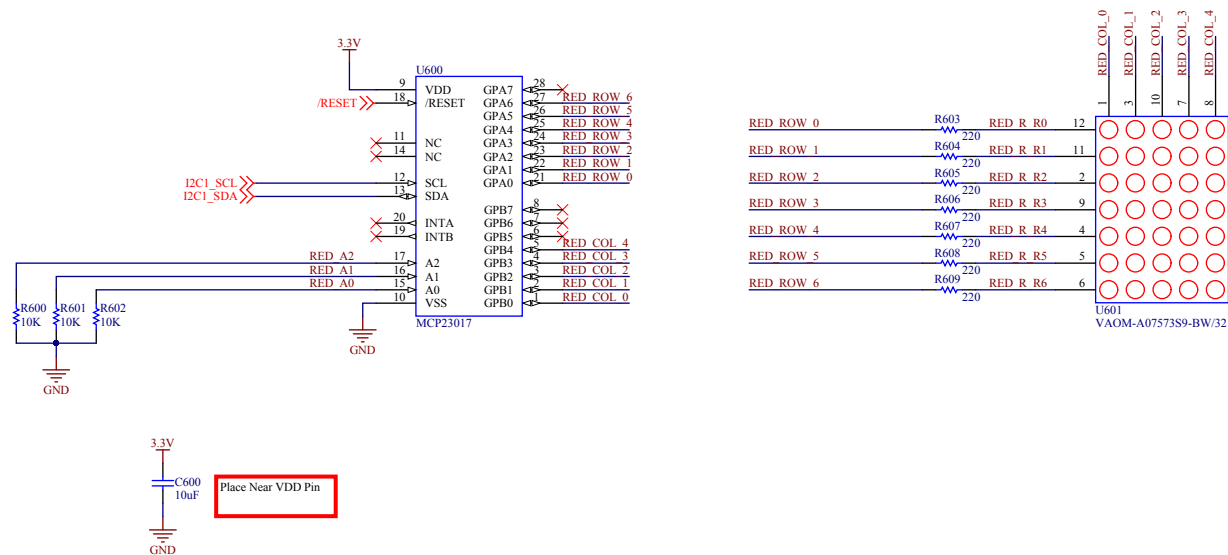
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				All capacitors are in microFarads and are 10% tolerance							



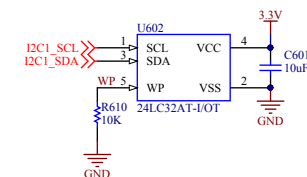
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IO Expander

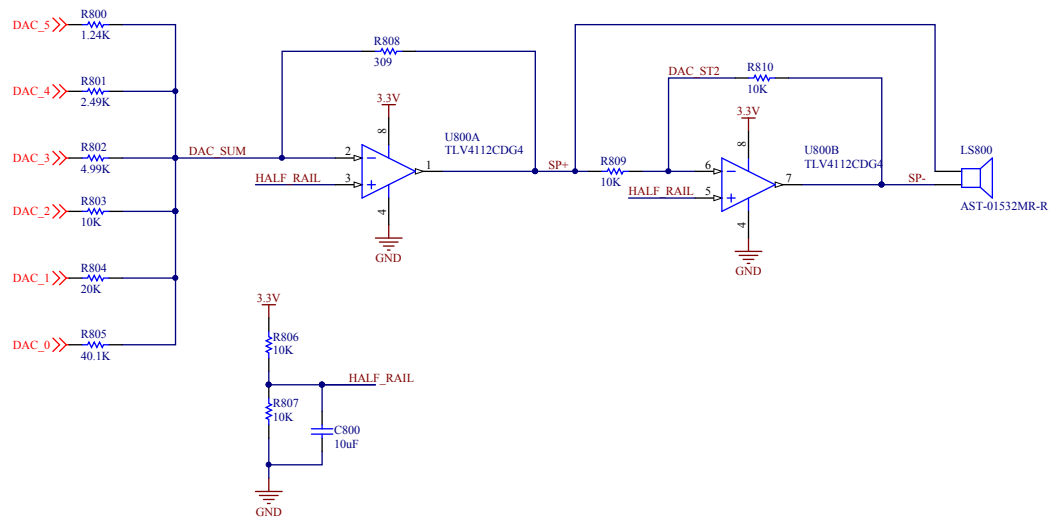



EEPROM



Revision	ECO	Approved:	Date:	Drawn By:	Date:	Title:						
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				Unless otherwise specified: All resistors are in Ohms and are 1/8 W 1% tolerance All capacitors are in microFarads and are 10% tolerance				College of Engineering 1415 Engineering Drive Madison, WI 53706				ECE 353

DAC/Speaker



Revision	ECO:	Approved:	Date:	Drawn By:	Date:	Title: DAC					
				JSK	10/23/2014						
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				Unless otherwise specified: All resistors are in Ohms and are 1/8 W 1% tolerance All capacitors are in microFarads and are 10% tolerance				College of Engineering 1415 Engineering Drive Madison, WI 53706		ECE 353	