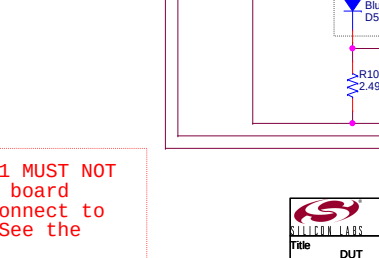
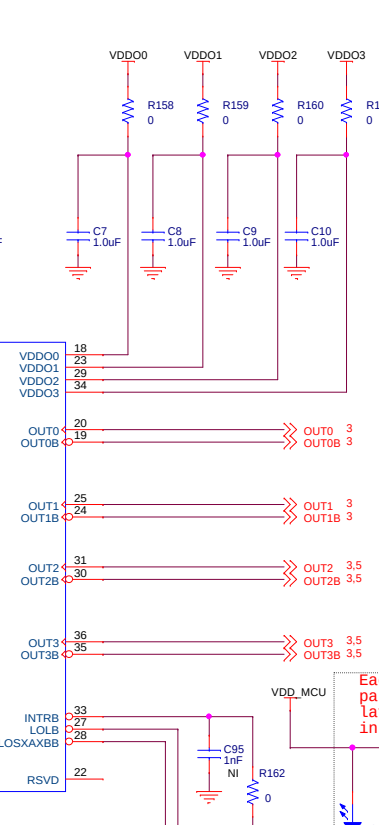
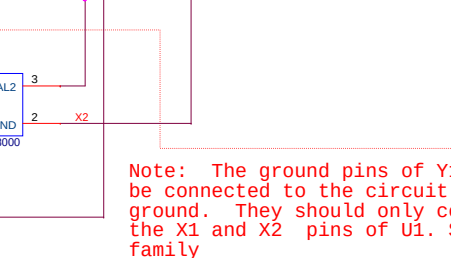
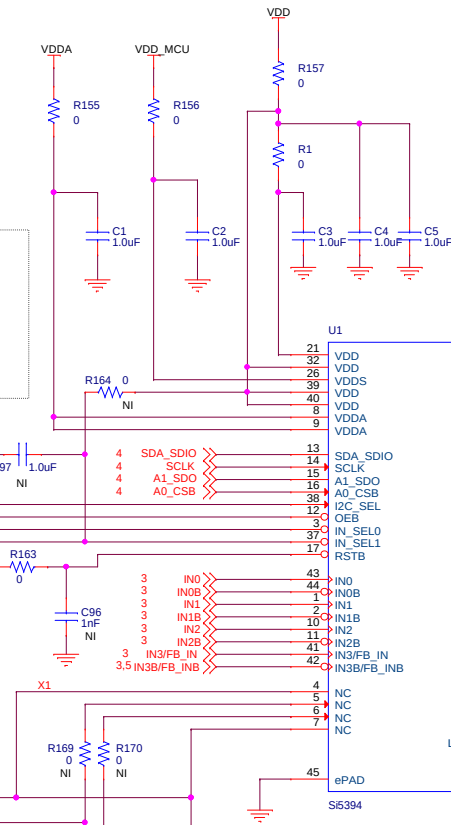
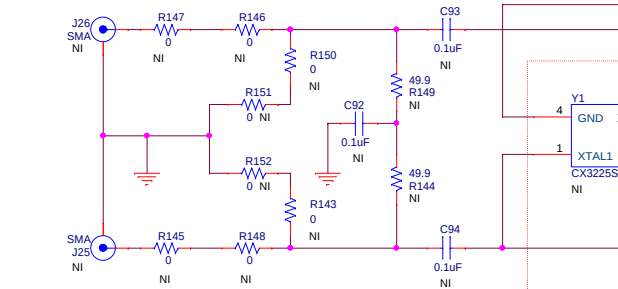
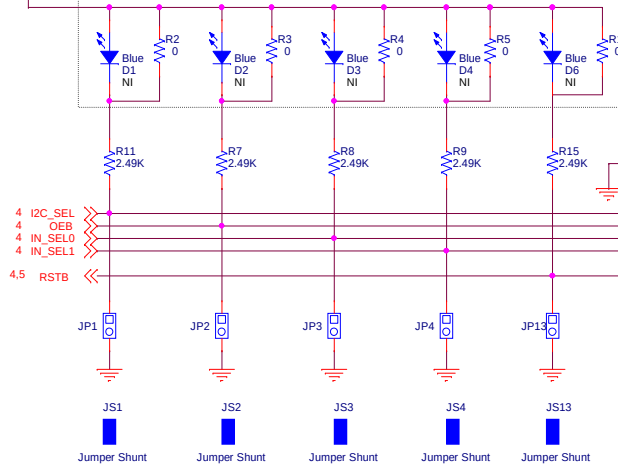


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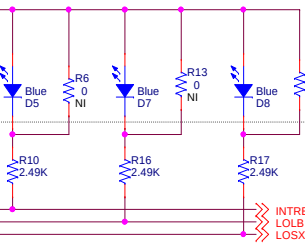
LB1
PTL-14-477 Label

The text of Label LB1 should match the assembly part number.

Each LED and the resistor in parallel with it use the same layout pads. Both are never installed at the same time.

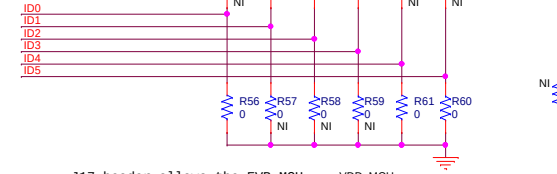


Each LED and the resistor in parallel with it use the same layout pads. Both are never installed at the same time.

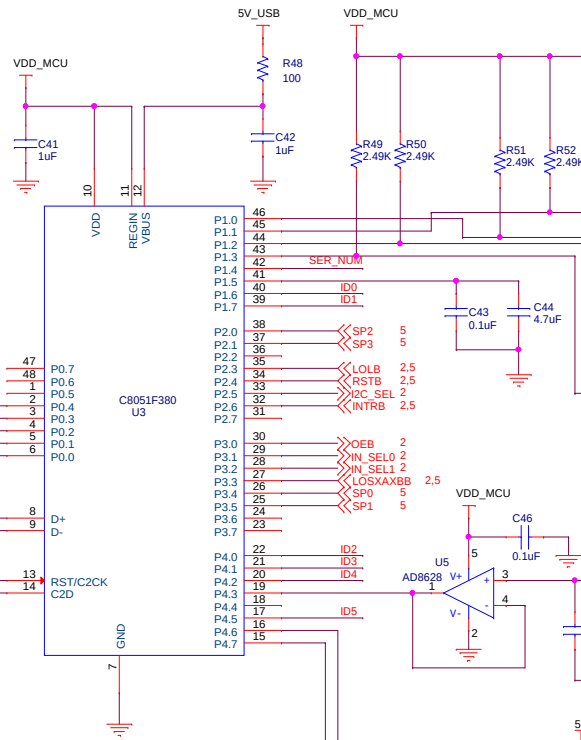
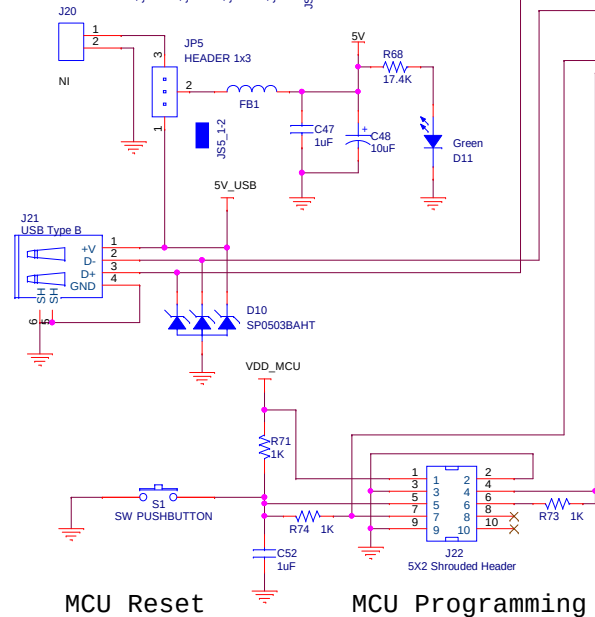
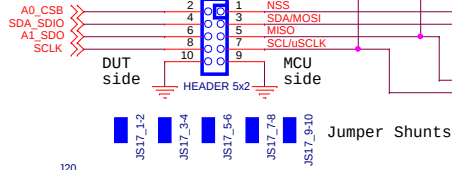


Note: The ground pins of Y1 MUST NOT be connected to the circuit board ground. They should only connect to the X1 and X2 pins of U1. See the family reference manual for details on the layout for Y1.

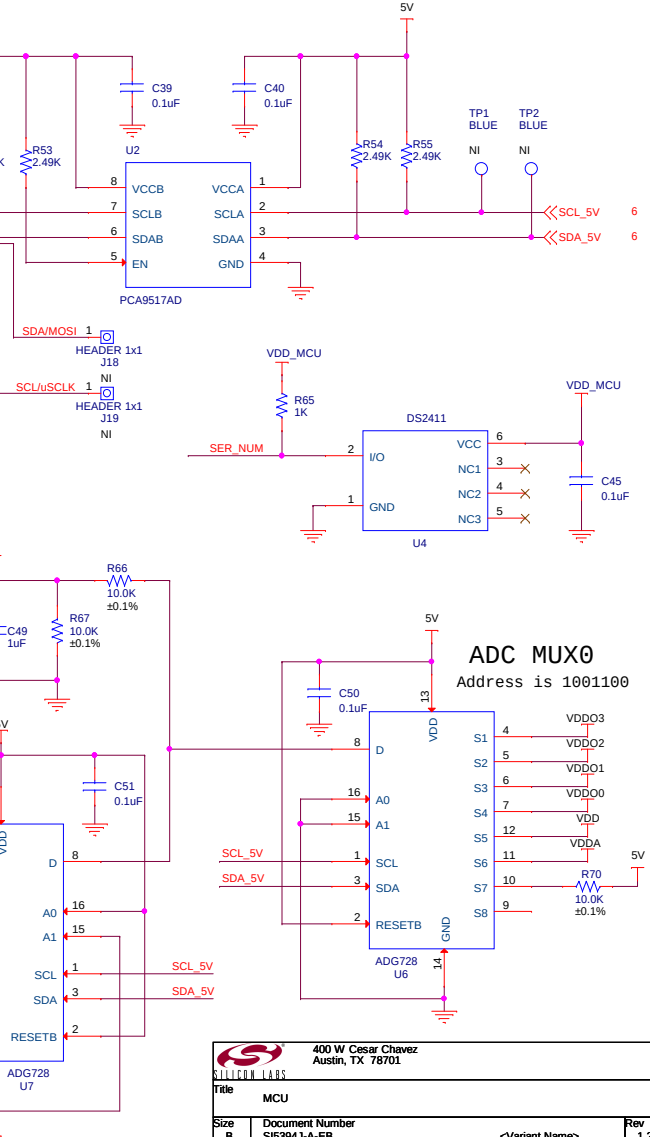
Board ID is
001110 = 14d



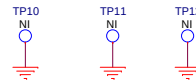
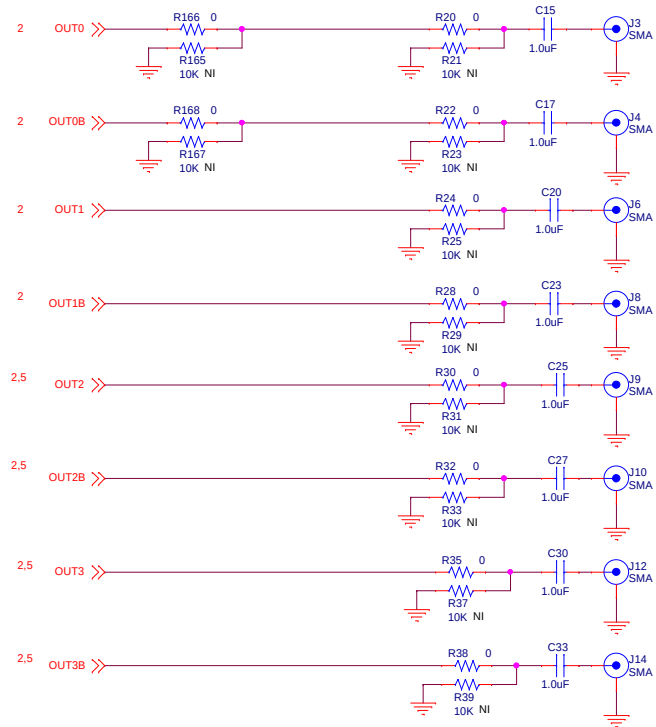
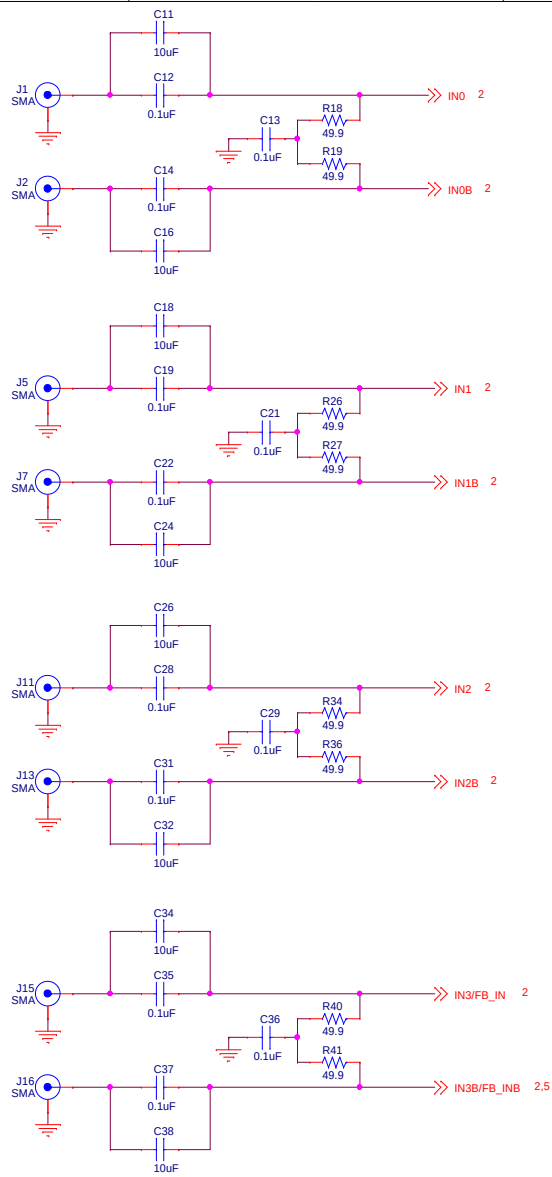
J17 header allows the EVB MCU to be connected to an external Si5344. By doing this the Silicon Labs GUI software can read and write to an external Si5344.



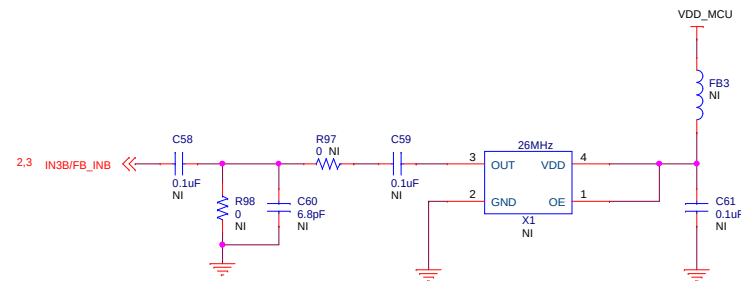
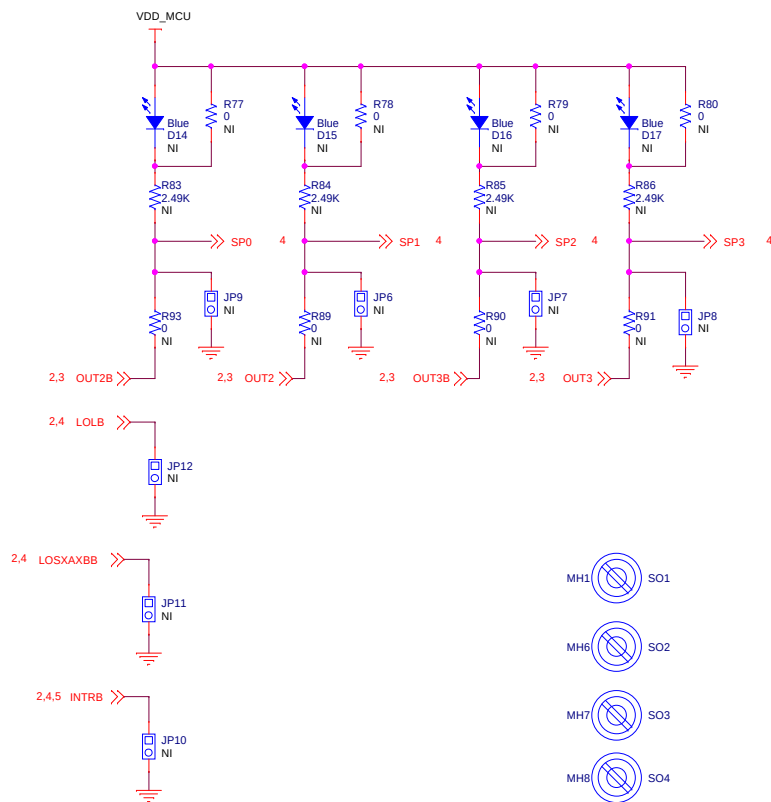
MCU Status LEDs

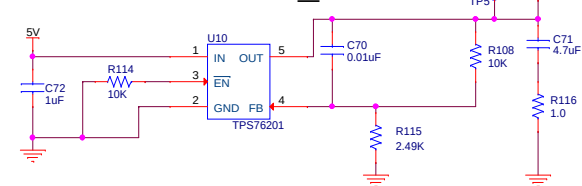
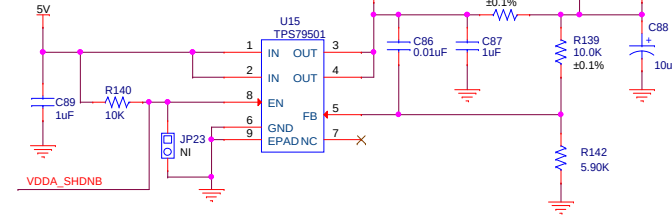
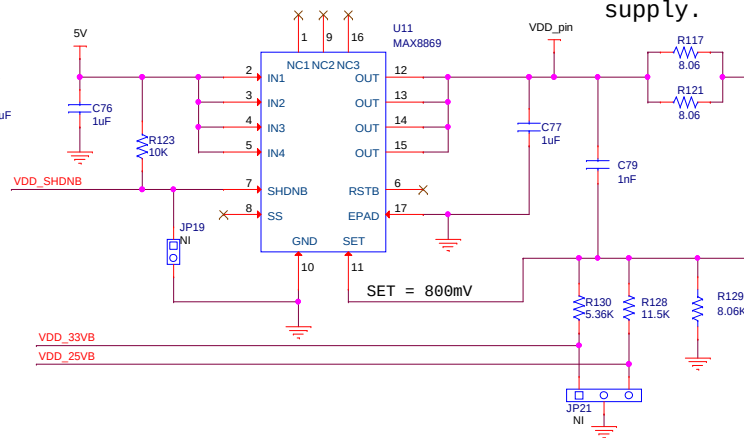
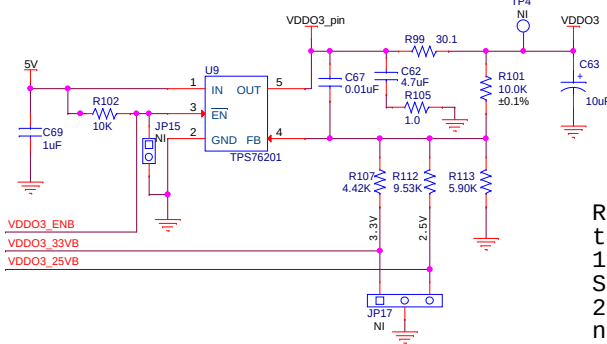
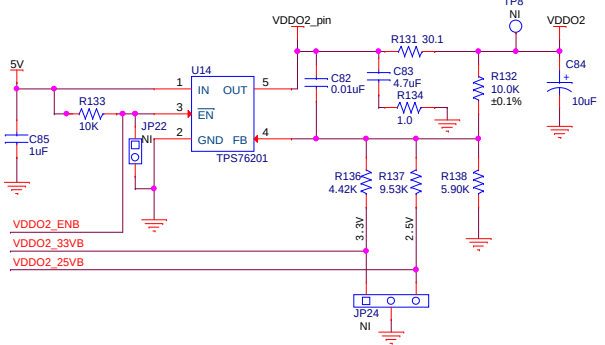
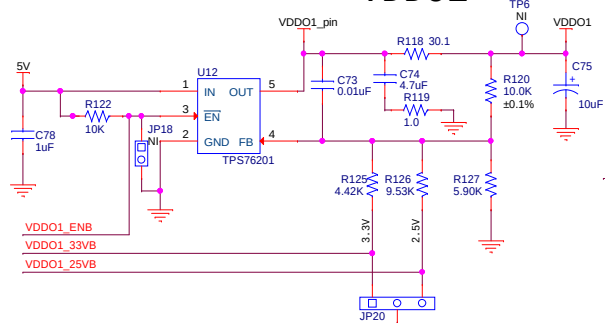
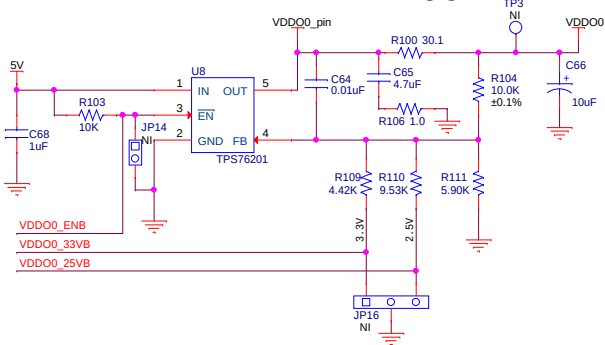


 400 W Cesar Chavez Austin, TX 78701			
Title	MCU		
Size	Document Number	<Variant Name>	
B	SI5394J-A-EB		
Date:	Tuesday, June 19, 2018	Sheet	2 of 6
		Rev	1.2



Note: All components on this page are not installed except the standoffs.

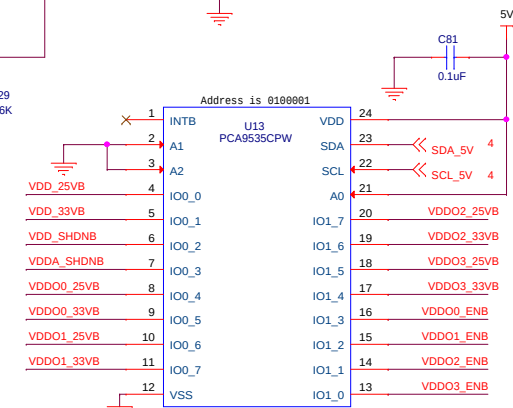




Regulators on this EVB are included to allow the EVB software to

1. Measure the current to each VDD pin of the Si5344
2. Independently control VDD, VDD00/1/2/3 , as needed by customer configurations.

Typical applications will not require independent regulation for each Si5344 VDD supply.



REVISION HISTORY

- Rev 1.0 - Jan 10, 2018, Initial Board Release. Copied Si5394E-A-EB schematic. Updated DUT and label. tturner
- Rev 1.1 - May 29, 2018, Changed U2 from PCA9517D to PCA9517AD,118 (this was needed to make sure the NXP part is ordered instead of the TI version)
- Rev 1.2 - June 19, 2018, Made all components for the reference input Not Installed, updated the 5394J symbol to change reference pins to NC.