

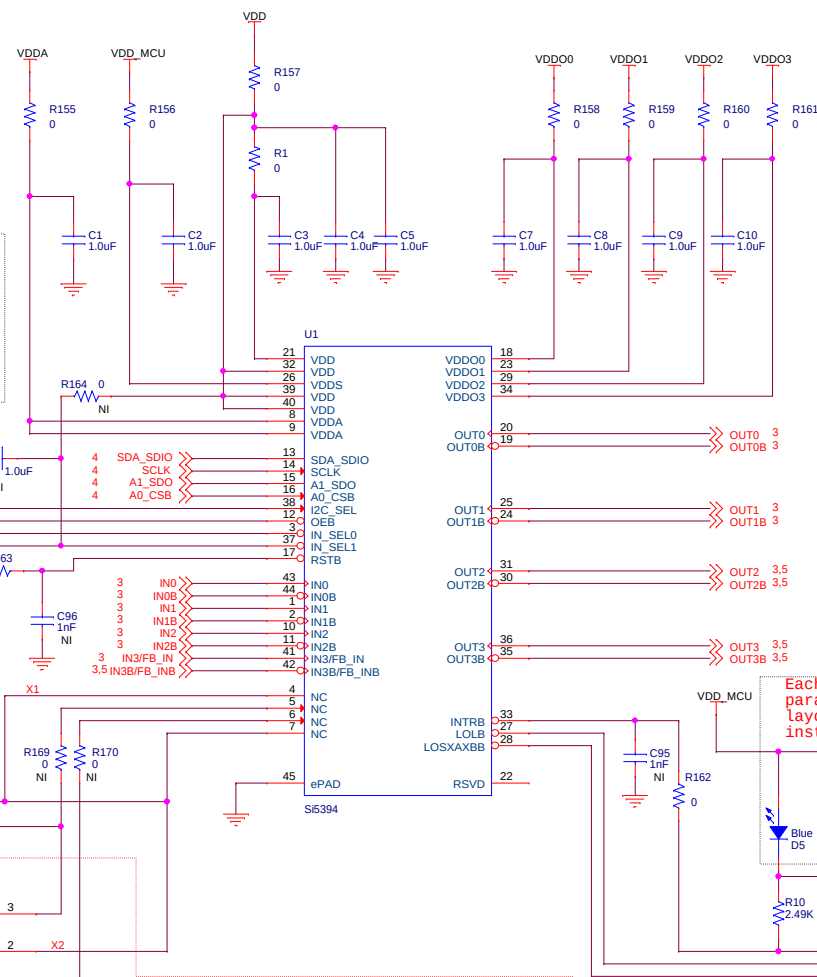
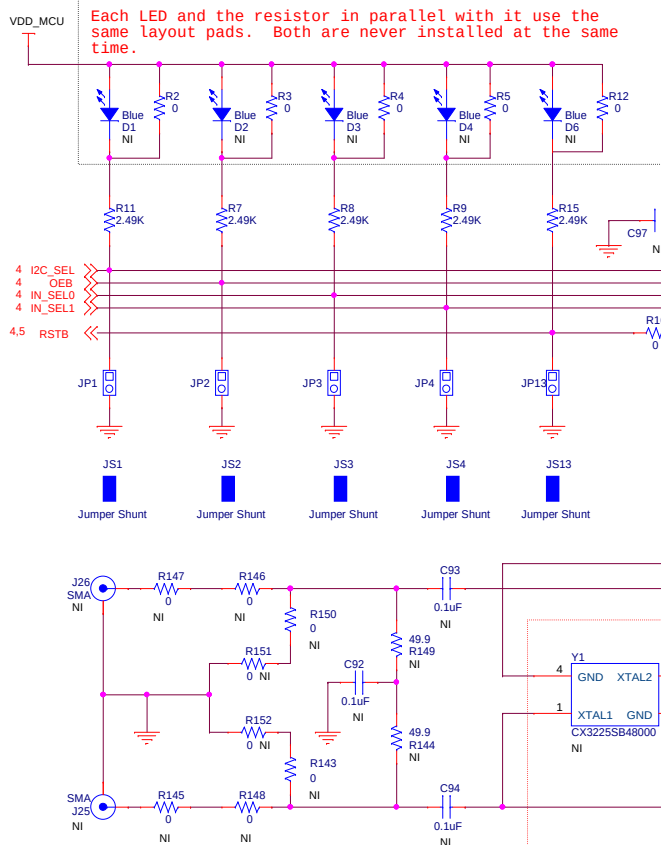


PTL-14-477 Label

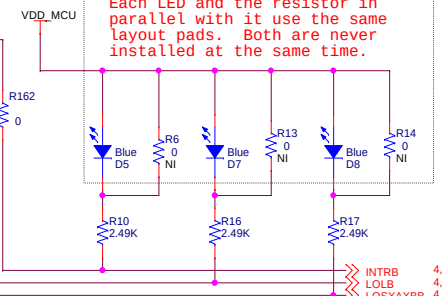
SJ5394E-A-EB

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.

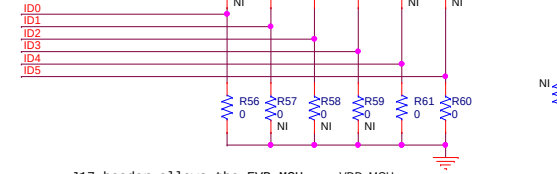


Each LED and the resistor in parallel with it use the same layout pads. Both are never installed at the same time.

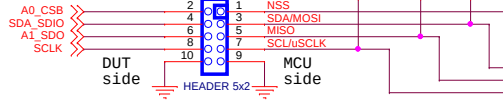


Note: The ground pins of Y1 MUST NOT be connected to the circuit board ground. They should only connect to the X1 and X2 pins of U1. See the family reference manual for details on the layout for Y1.

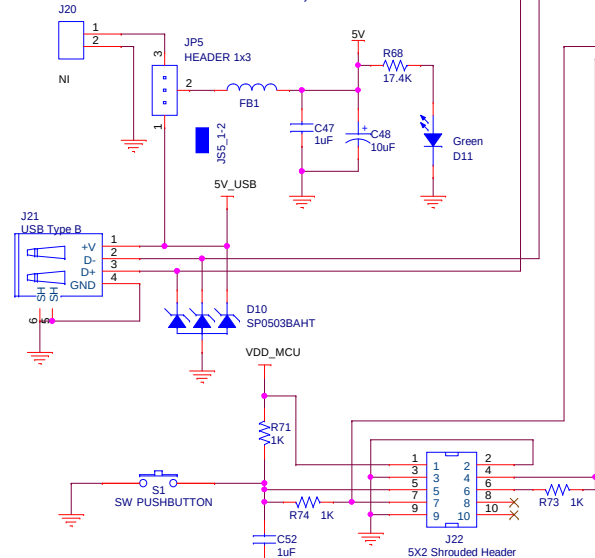
Board ID is
001110 = 14d



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.

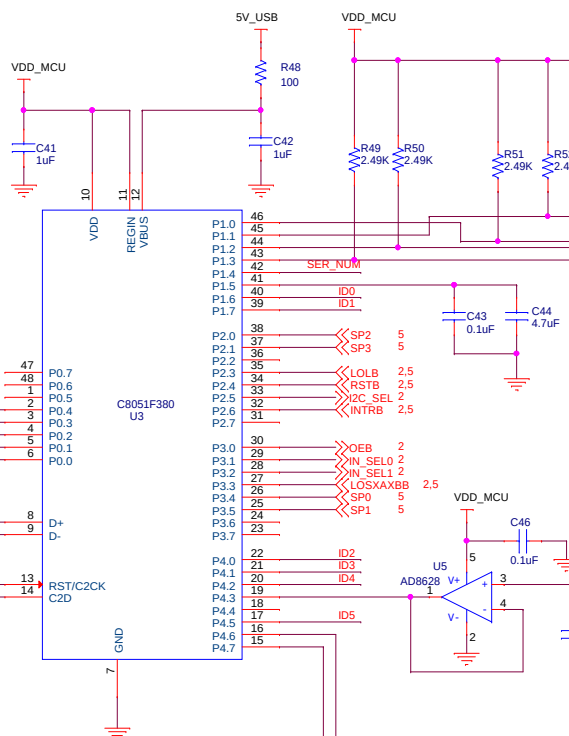


Jumper Shunts

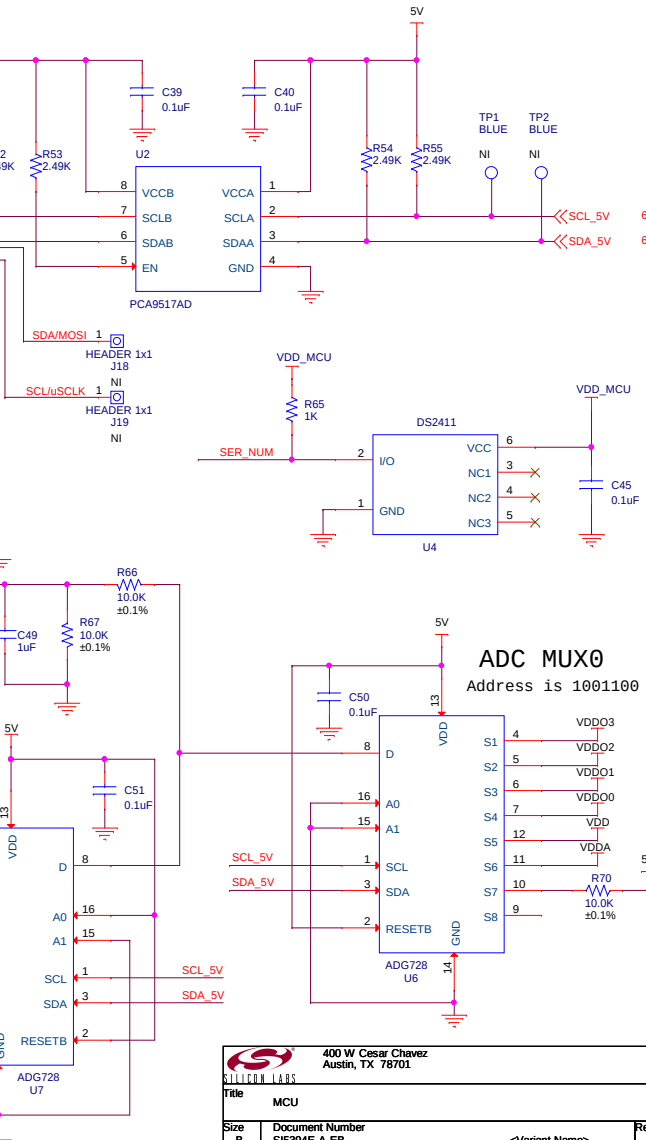


MCU Reset

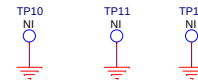
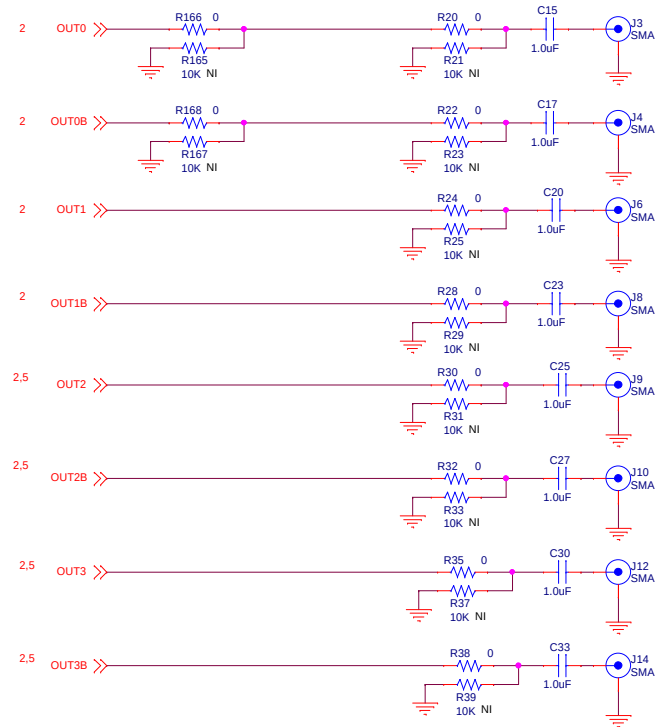
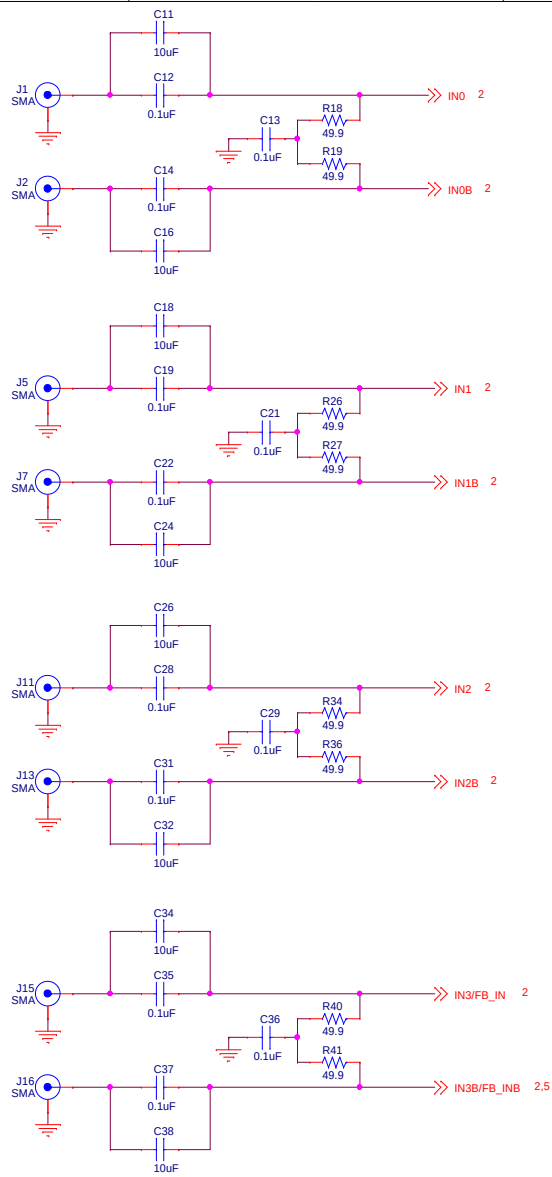
MCU Programming

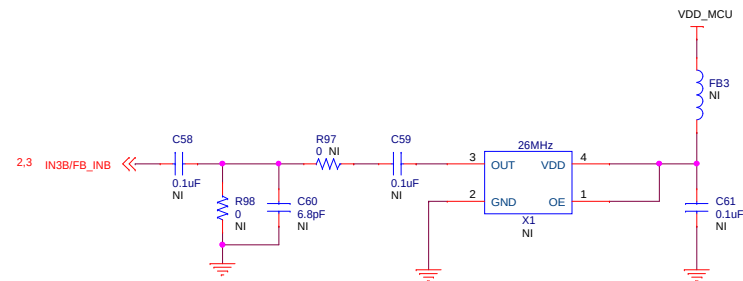


MCU Status LEDs

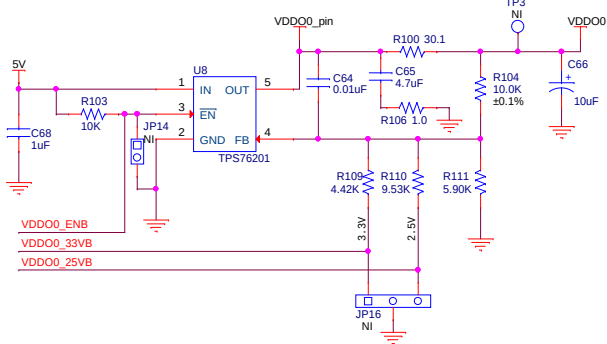


		400 W Cesar Chavez Austin, TX 78701	
Title		MCU	
Size	Document Number	<Variant Name>	Rev
B	SI5394E-A-EB		1.2
Date:	Tuesday, June 19, 2018	Sheet	2 of 6

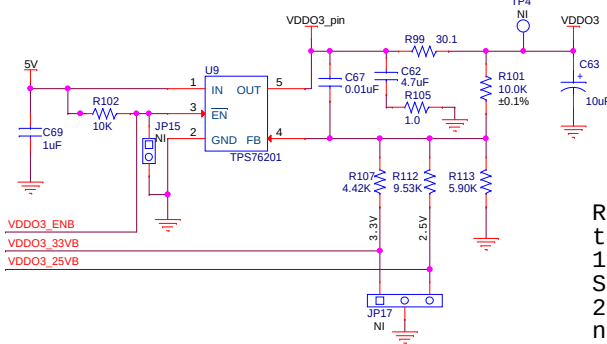




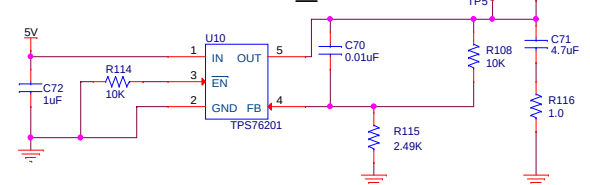
VDD00



VDD03



VDD_MCU

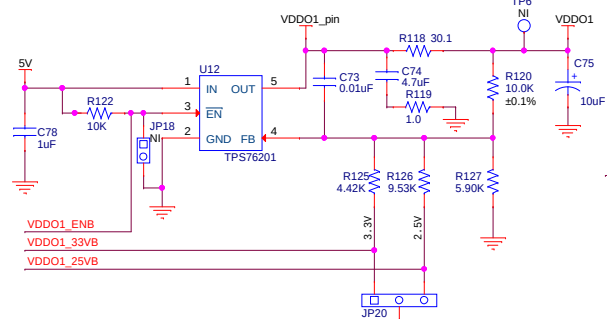


Regulators on this EVB are included to allow the EVB software to

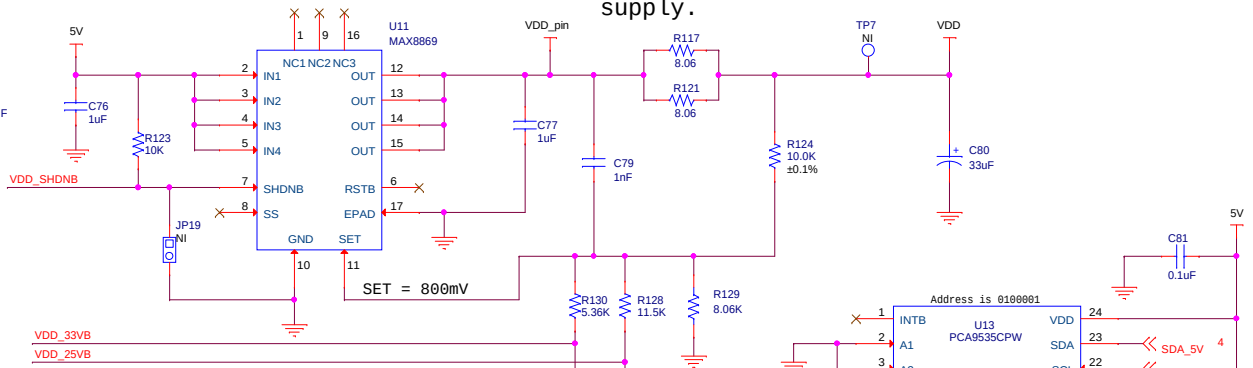
1. Measure the current to each VDD pin of the Si5344
2. Independently control VDD, VDD00/1/2/3, as needed by customer configurations.

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

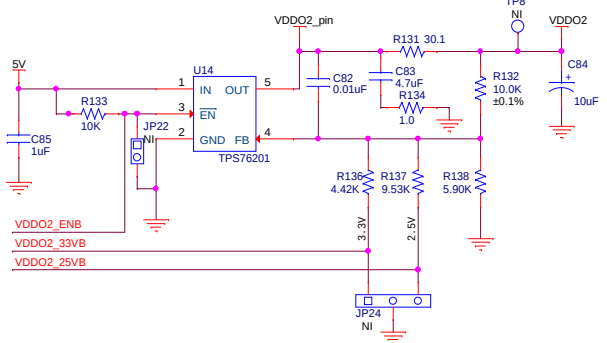
VDD01



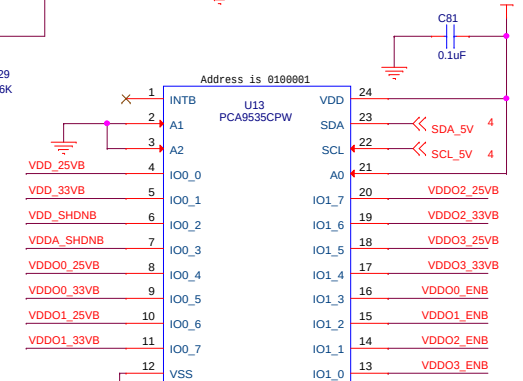
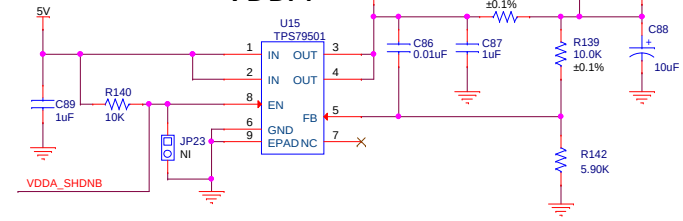
VDD



VDD02



VDDA



REVISION HISTORY

- Rev 1.0 - Jan 10, 2018, Initial Board Release. Copied Si5394A-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 5394E symbol to change reference pins to NC.