

HW1  
Labels 1

SI5392J-A-EB  
The text of Label LB1 should match the assembly part number.

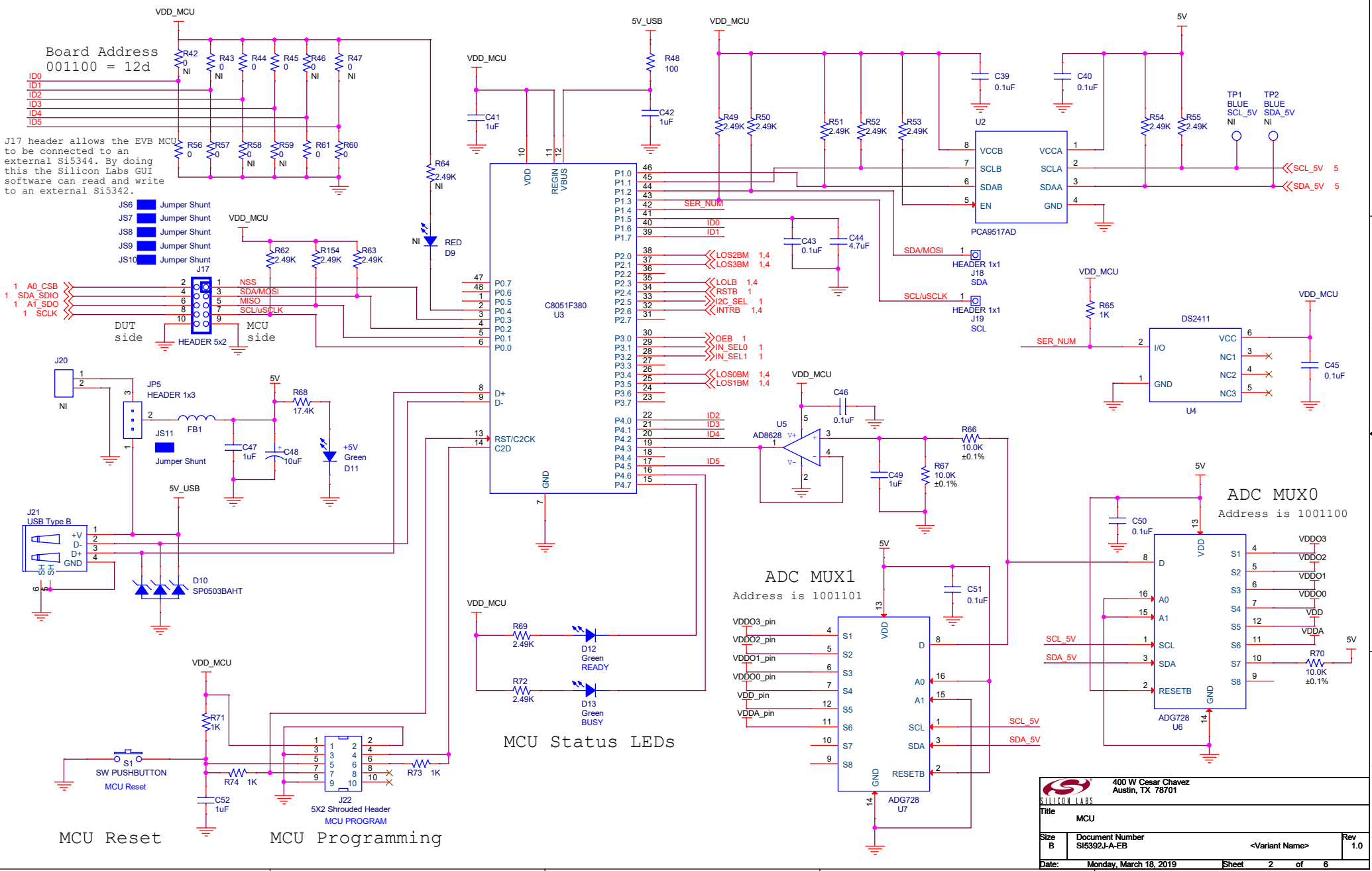
Each LED and the resistor in parallel with it use the same layout pads. Both are never installed at the same time.

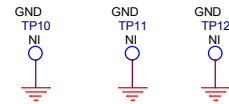
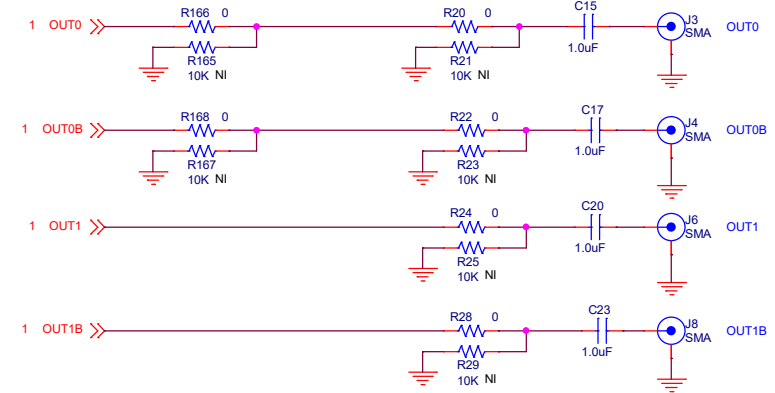
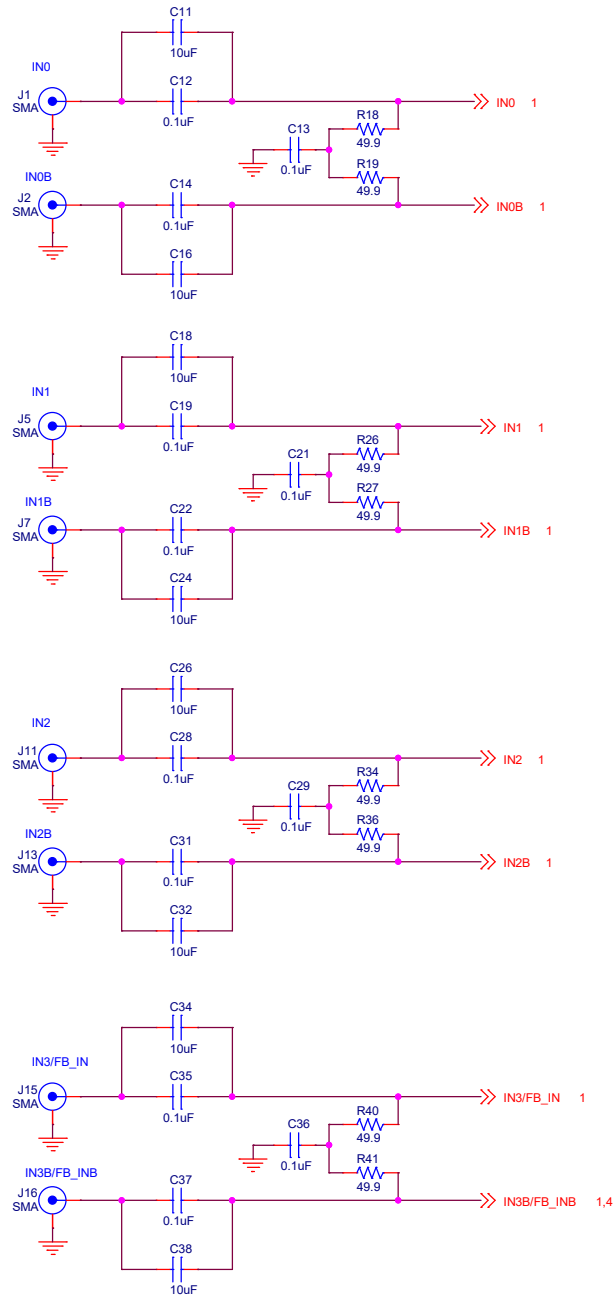
Each LED and the resistor in parallel with it use the same layout pads. Both are never installed at the same time.

Each LED and the resistor in parallel with it use the same layout pads. They 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.

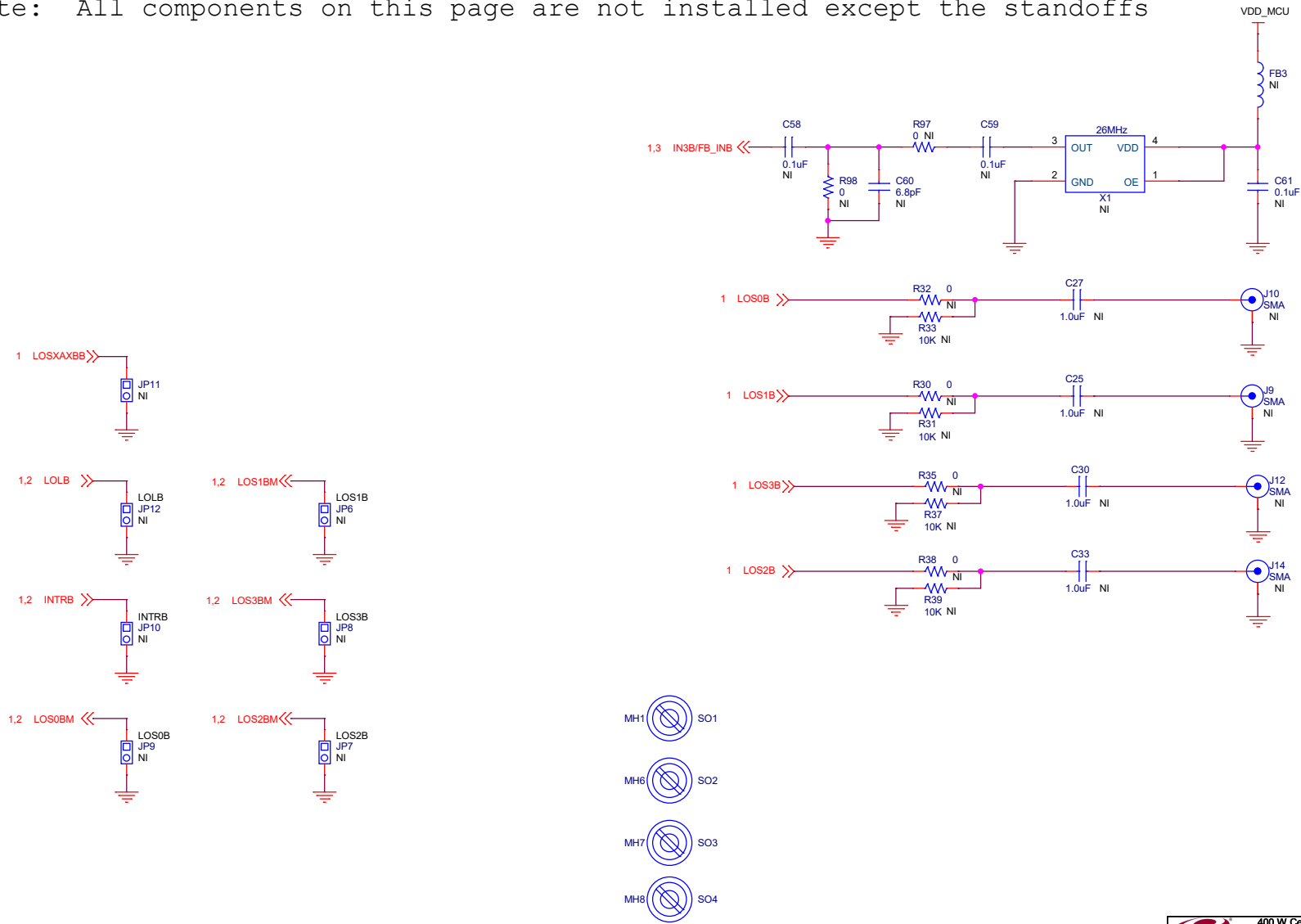
|                                                                                       |                                 |                                        |            |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------|------------|
|  |                                 | 400 W Cesar Chavez<br>Austin, TX 78701 |            |
| Title                                                                                 |                                 |                                        |            |
| DUT                                                                                   |                                 |                                        |            |
| Size<br>B                                                                             | Document Number<br>SI5392J-A-EB | <Variant Name>                         | Rev<br>1.0 |
| Date:                                                                                 | Monday, March 18, 2019          | Sheet                                  | 1 of 6     |





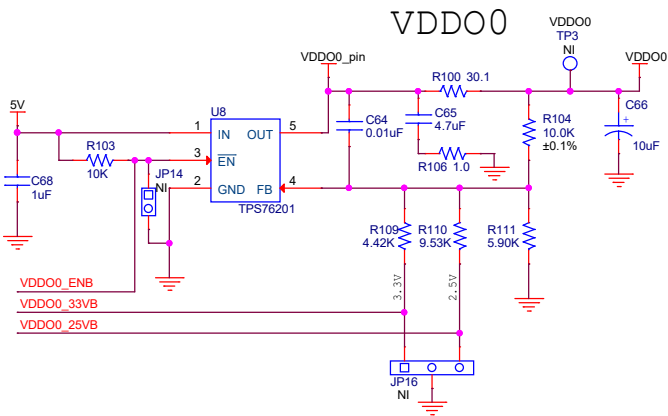
|                                                                                       |                                 |                                        |            |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------|------------|
|  |                                 | 400 W Cesar Chavez<br>Austin, TX 78701 |            |
| Title<br>DUT IO                                                                       |                                 |                                        |            |
| Size<br>B                                                                             | Document Number<br>SI5392J-A-EB | <Variant Name>                         | Rev<br>1.0 |
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Note: All components on this page are not installed except the standoffs

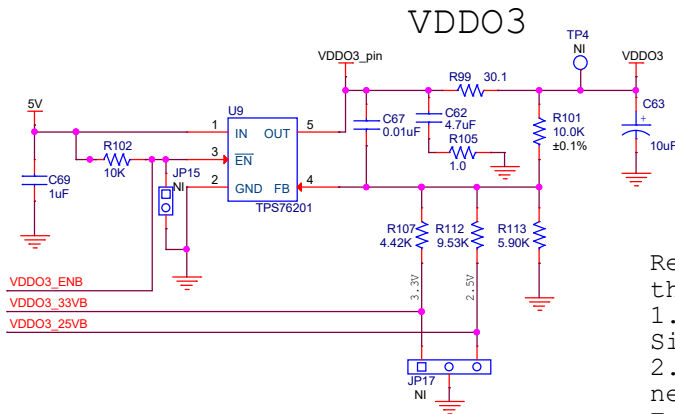


|                                                                                       |                                |                                        |            |
|---------------------------------------------------------------------------------------|--------------------------------|----------------------------------------|------------|
|  |                                | 400 W Cesar Chavez<br>Austin, TX 78701 |            |
| Title                                                                                 |                                |                                        |            |
| Not Installed Components                                                              |                                |                                        |            |
| Size<br>B                                                                             | Document Number<br>SI5392JA-EB | <Variant Name>                         | Rev<br>1.0 |
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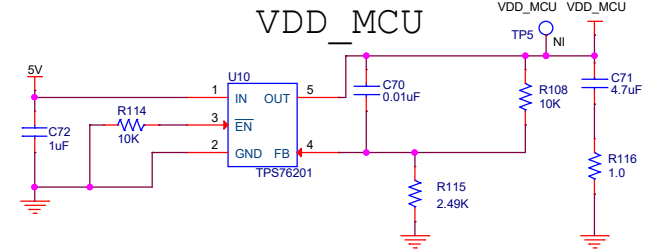
## VDDO0



## VDDO3



## VDD MCU

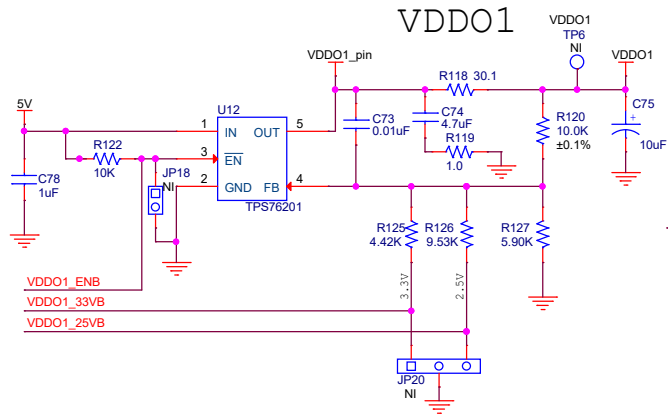


Regulators on this EVB are included to allow the EVB software to

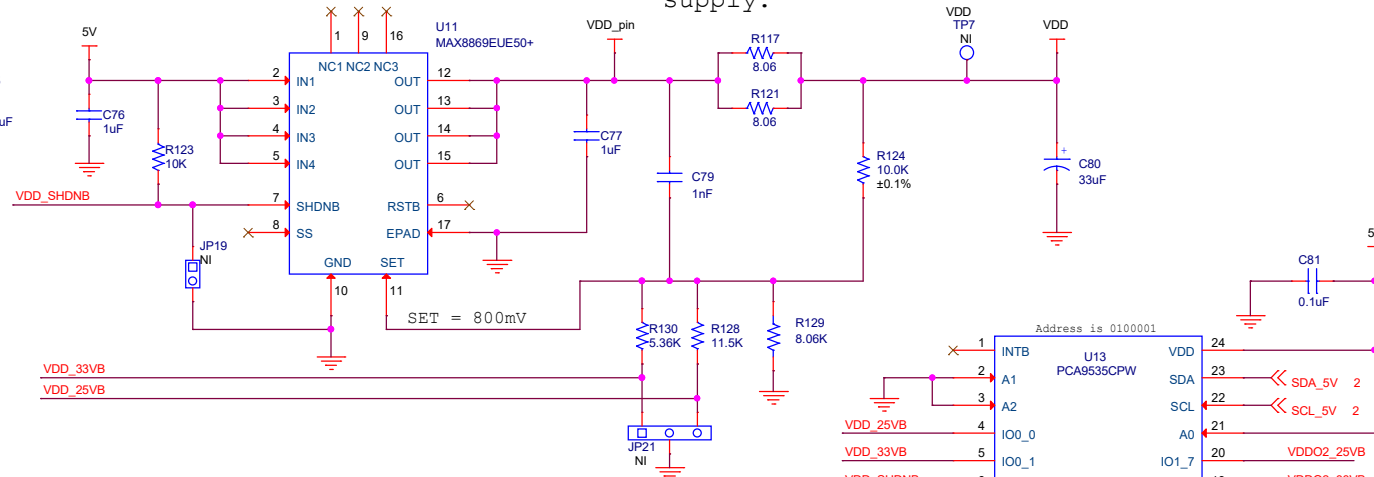
1. Measure the current to each VDD pin of the Si5342
2. Independently control VDD, VDDO0/1/2/3, as needed by customer configurations.

Typical applications will not require independent regulation for each Si5342 VDD supply.

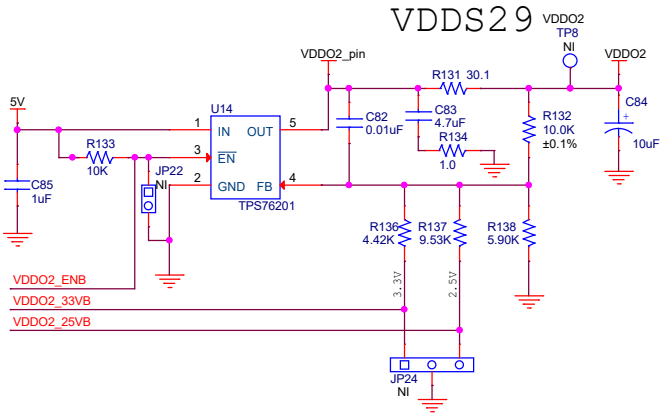
## VDDO1



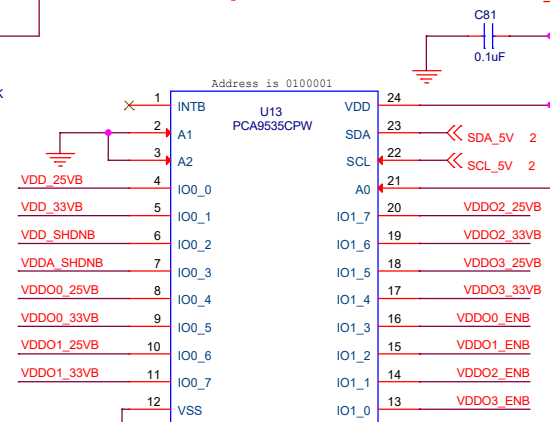
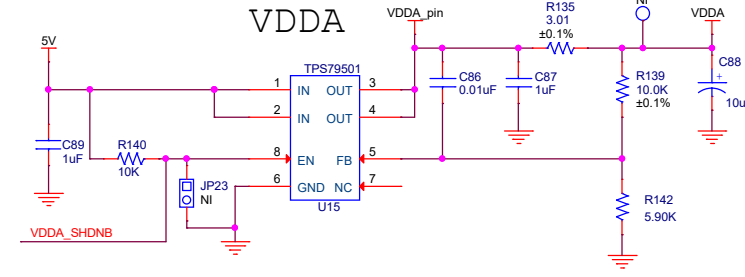
## VDD



## VDDO2



## VDDA



REVISION HISTORY

- Rev 1.0 - June 12, 2018, Initial Release
- Mar 15, 2019, Added jumpers JS1:JS11

|                                                                                                                              |                        |
|------------------------------------------------------------------------------------------------------------------------------|------------------------|
|  400 W Cesar Chavez<br>Austin, TX 78701 |                        |
| Title                                                                                                                        |                        |
| Revision History                                                                                                             |                        |
| Size                                                                                                                         | Document Number        |
| B                                                                                                                            | SI5392JA-EB            |
| <Variant Name>                                                                                                               |                        |
| Rev                                                                                                                          |                        |
| 1.0                                                                                                                          |                        |
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| Sheet                                                                                                                        | 6 of 6                 |