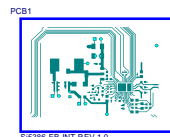





To ascend from a block schematic, right click and select "Previous View".



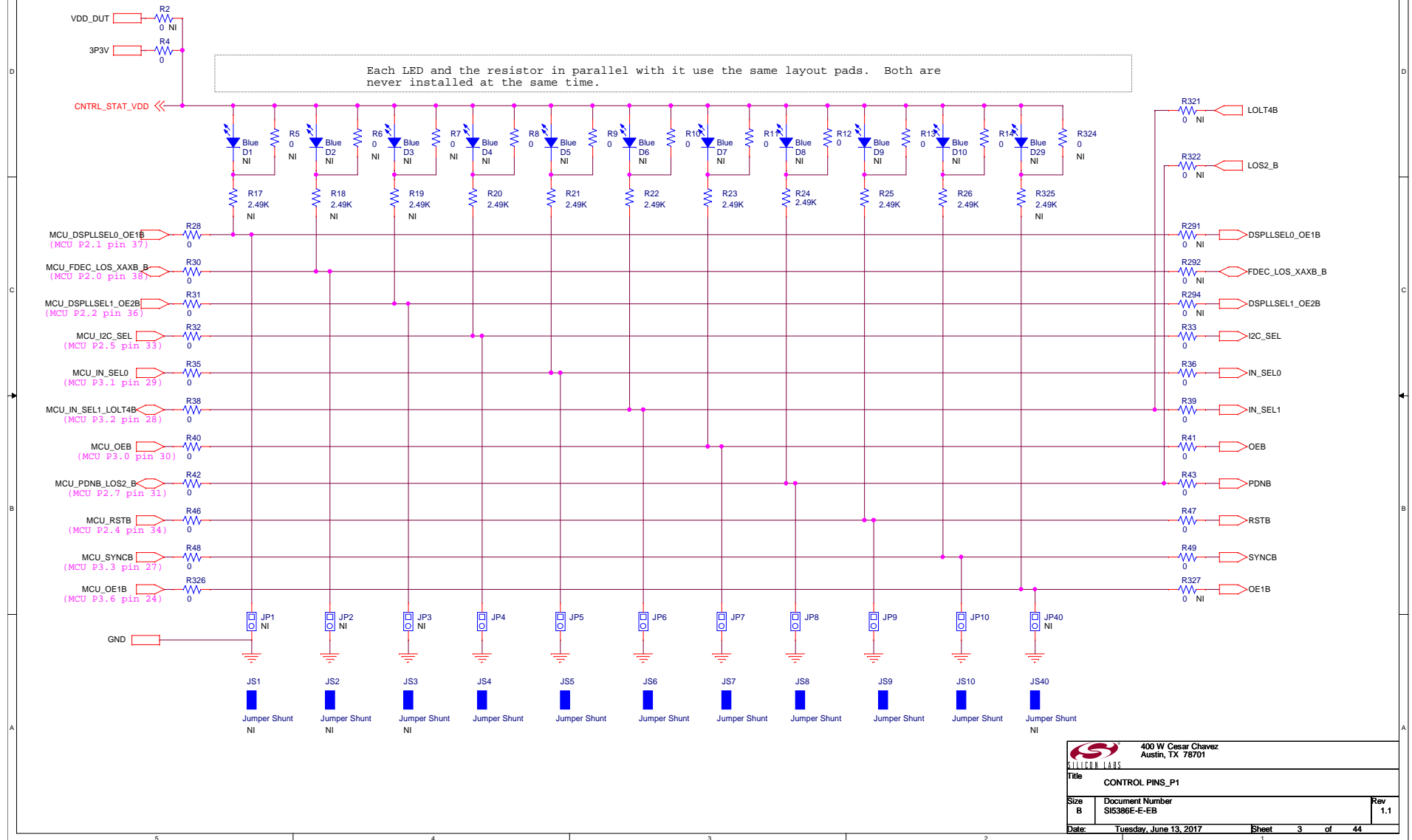
REVISION CONTROL

Rev 1.0 - March 21, 2011, Initial Board Release
Travis Turner

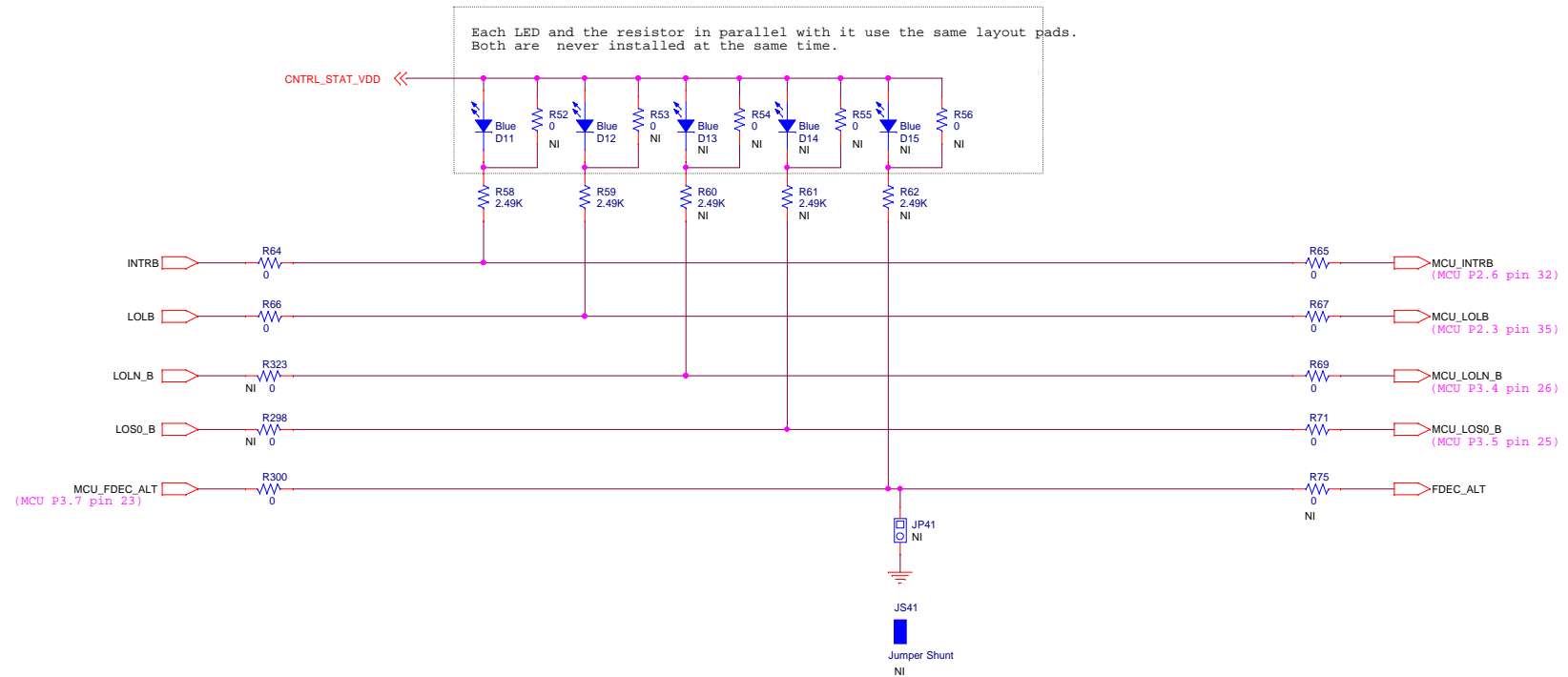
Rev 1.1 - July 28, 2017, Change R162, R163, and R164 from 1K to 2.49K
Travis Turner

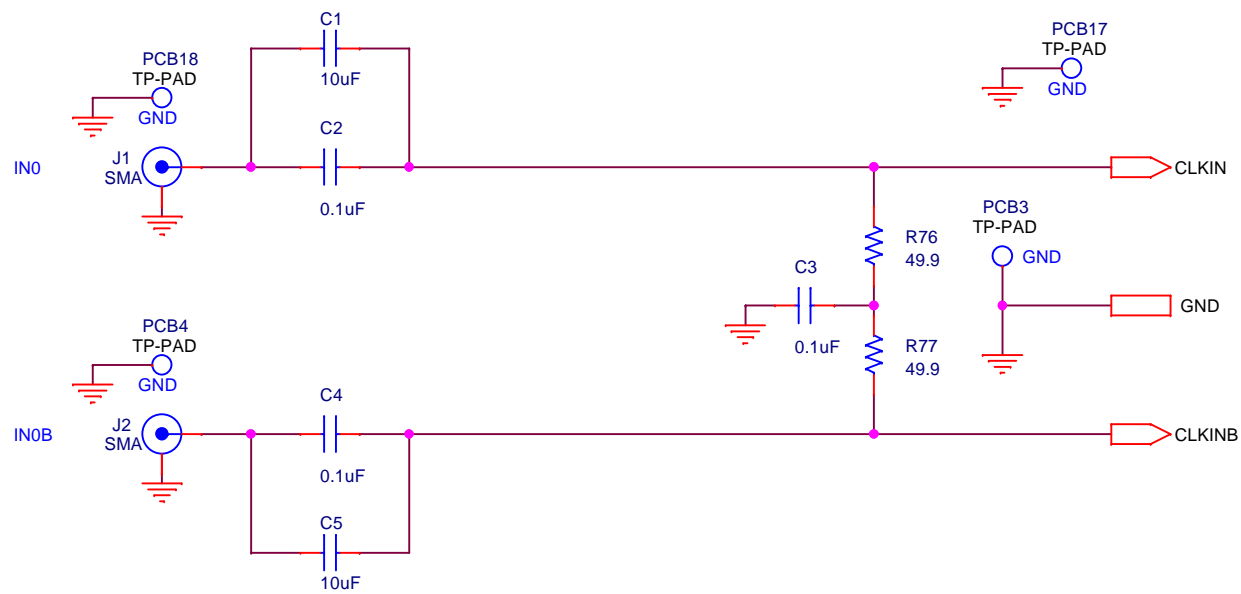
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SILICON LABS			
Title SI5386-EB_TOP_REVISION			
Size B	Document Number SI5386E-E-EB		Rev 1.1
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CONTROL PINS CONNECTIONS

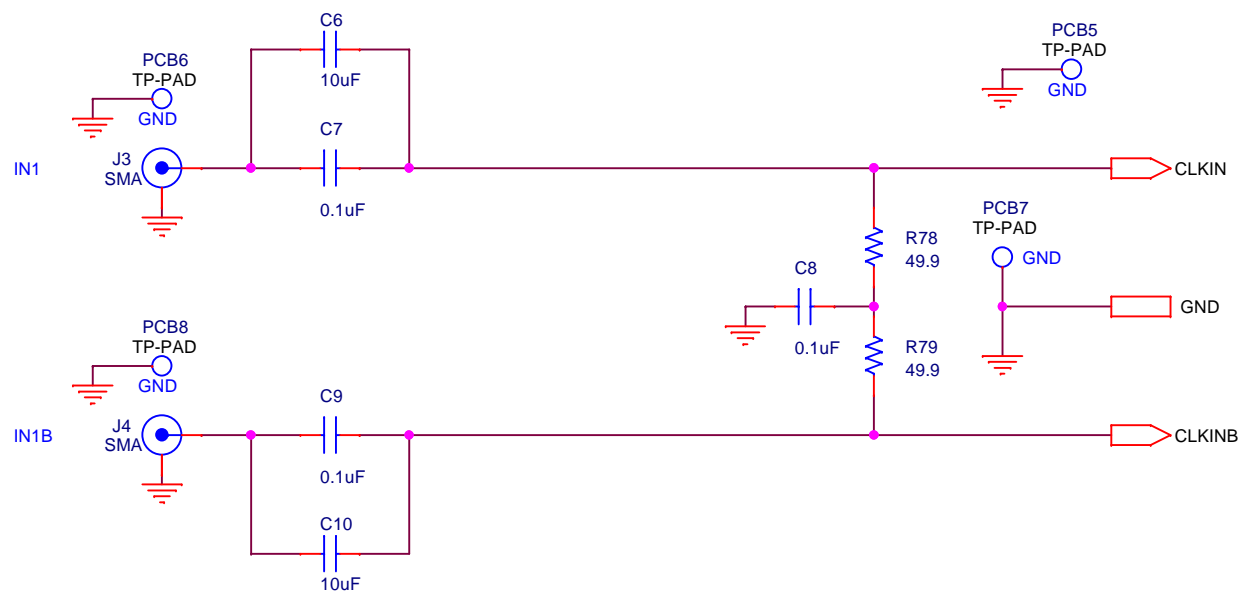



CONTROL PINS CONNECTIONS

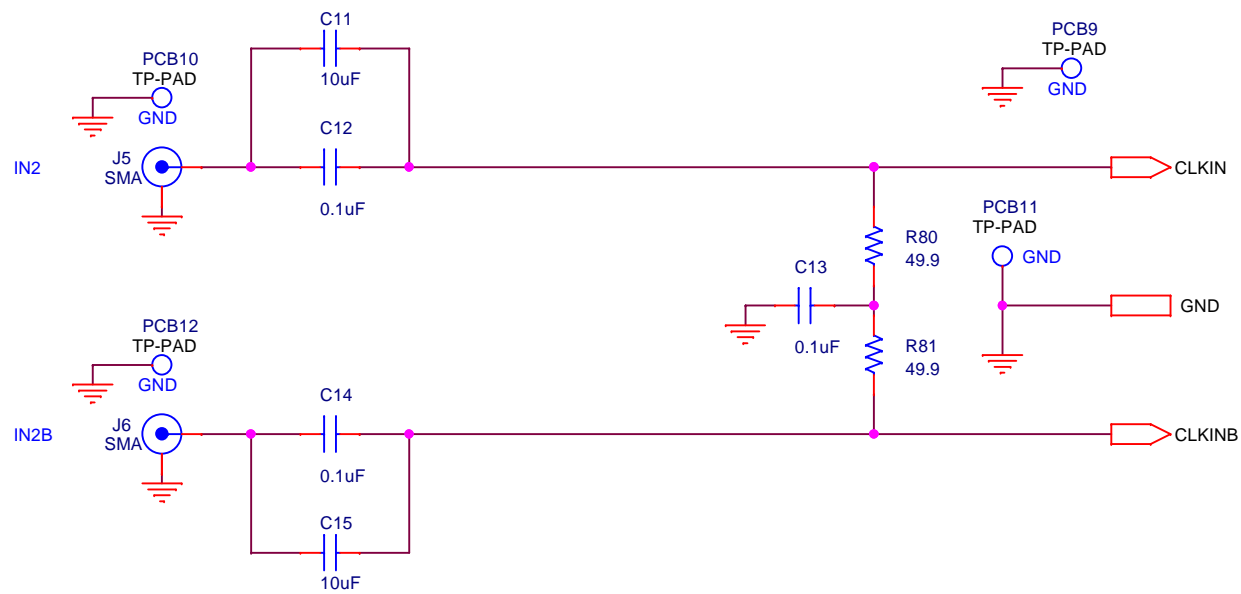




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Title DIFF_INPUT_CLK		
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 400 W Cesar Chavez Austin, TX 78701		
Title DIFF_INPUT_CLK		
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Title

DIFF_INPUT_CLK

Size

A

Document Number

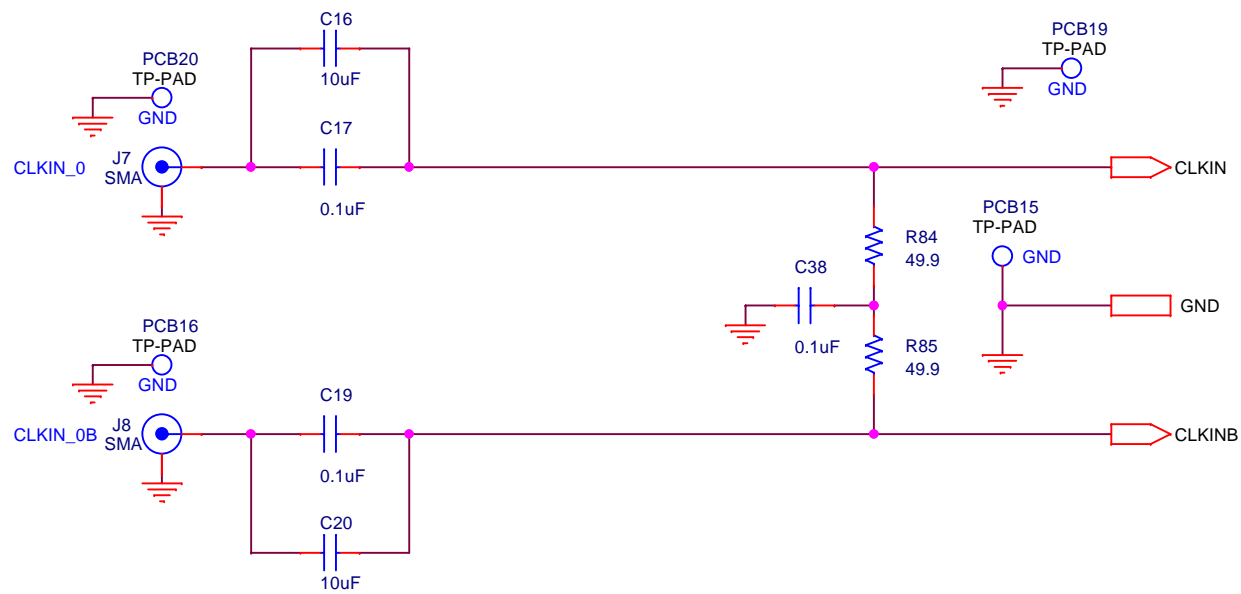
SI5386E-E-EB

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Austin, TX 78701

Title
DIFF_INPUT_CLK

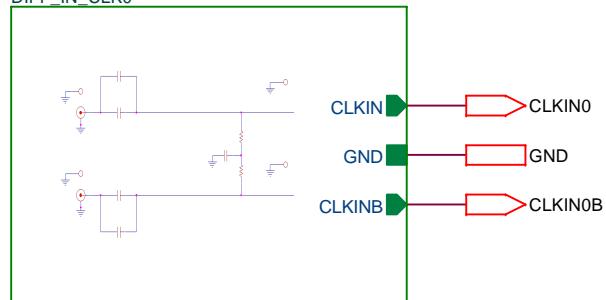
Size A Document Number
SI5386E-E-EB

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Date: Tuesday, June 13, 2017

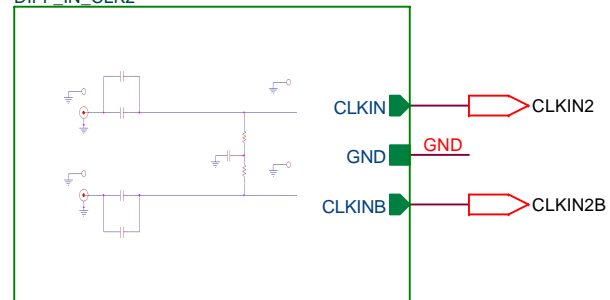
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DIFF_IN_CLK0



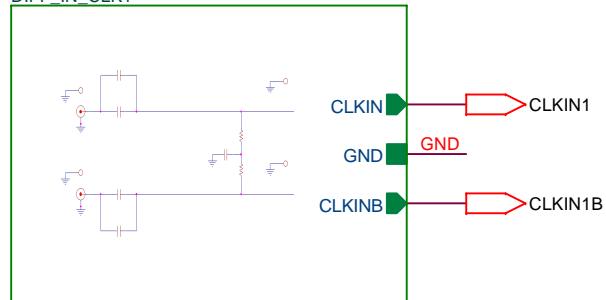
DIFF_INPUT_CLK

DIFF_IN_CLK2



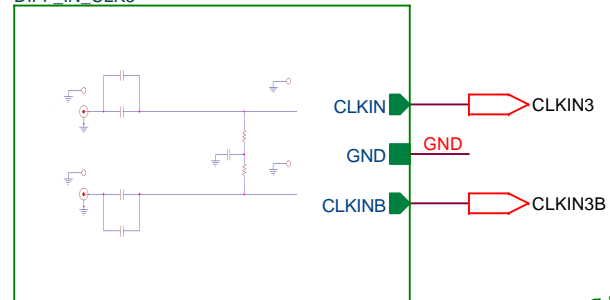
DIFF_INPUT_CLK

DIFF_IN_CLK1

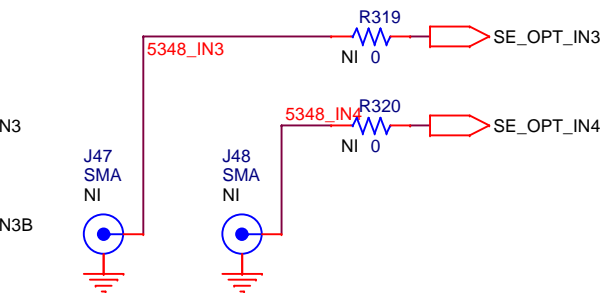


DIFF_INPUT_CLK

DIFF_IN_CLK3



DIFF_INPUT_CLK



Single-ended clocks only.



400 W Cesar Chavez
Austin, TX 78701

Title

DIFF_INPUT_CLOCKS_4

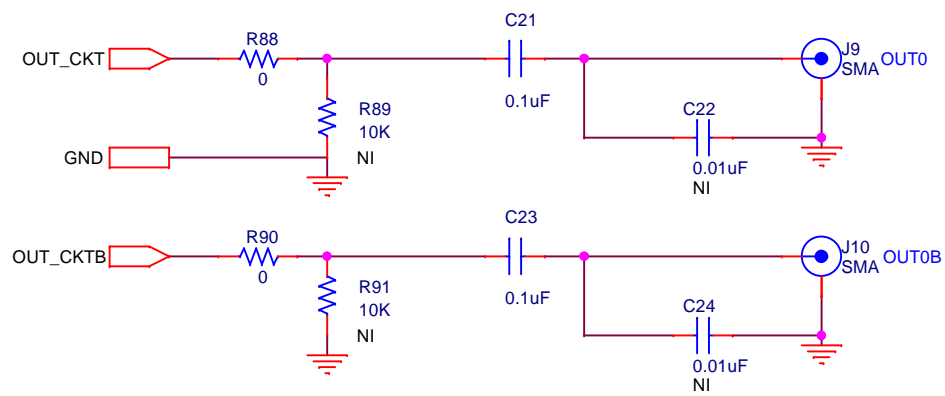
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SI5386E-E-EB

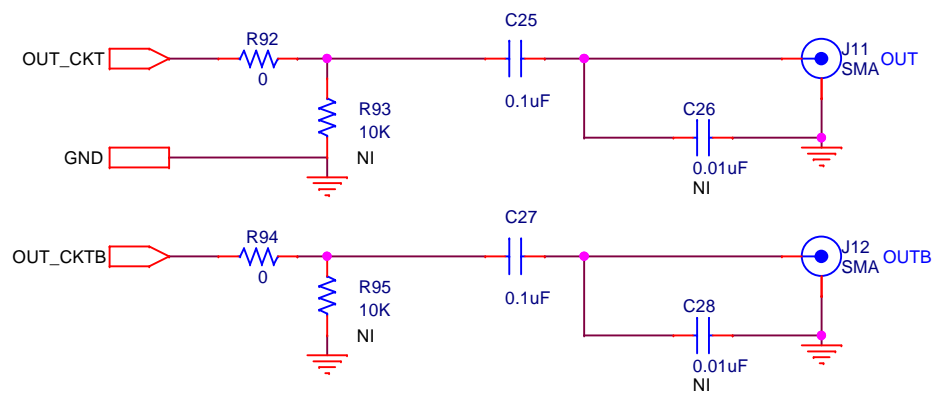
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Title DIFF_OUTPUT_CLK		
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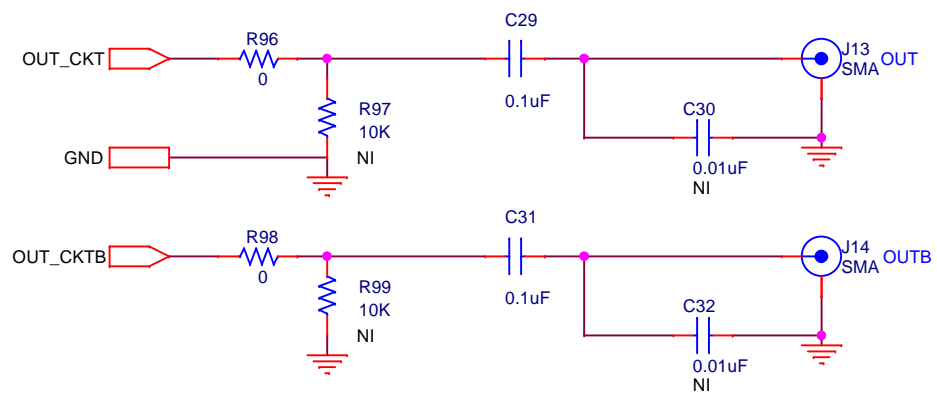
400 W Cesar Chavez
Austin, TX 78701


Title
DIFF_OUTPUT_CLK

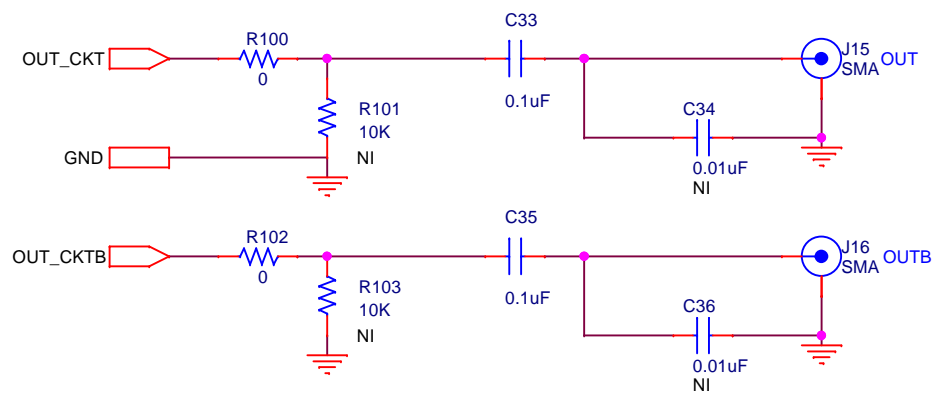
Size A Document Number
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Austin, TX 78701

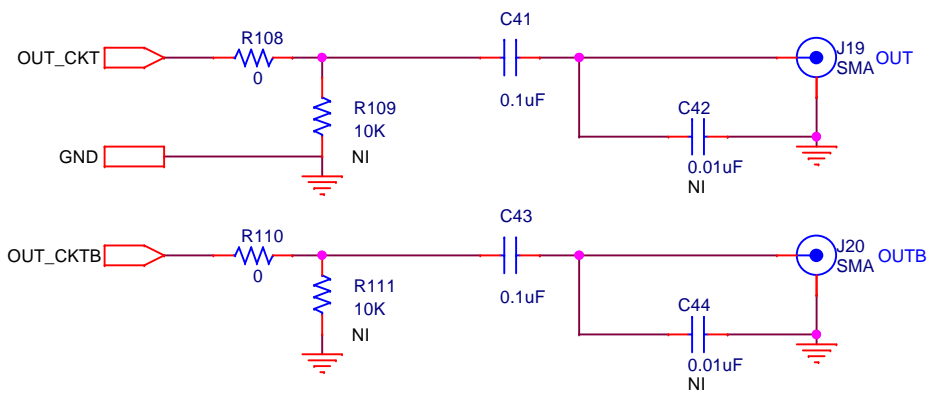
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Size A Document Number
SI5386E-E-EB

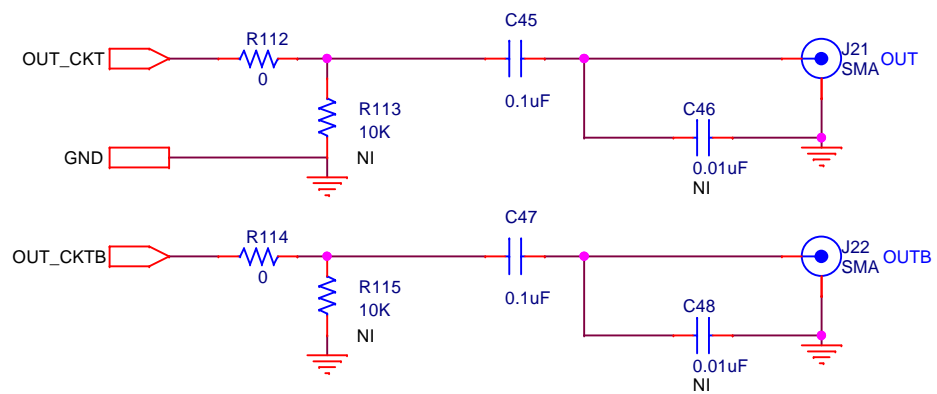
Rev
1.1


Date: Tuesday, June 13, 2017

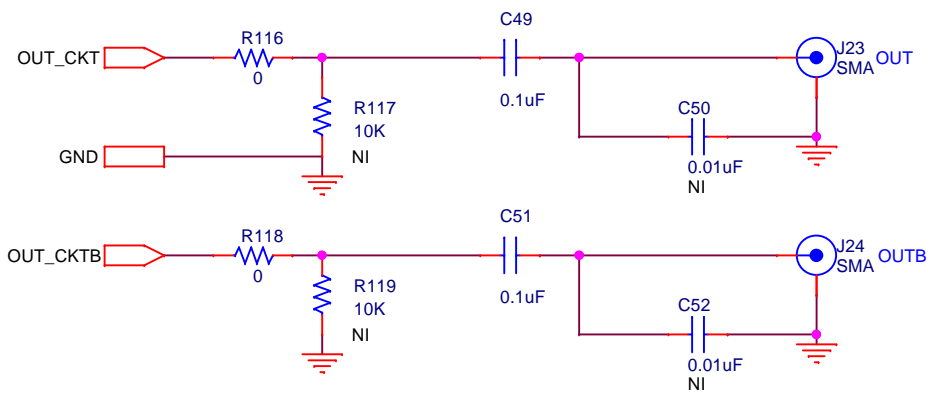
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Title

DIFF_OUTPUT_CLK

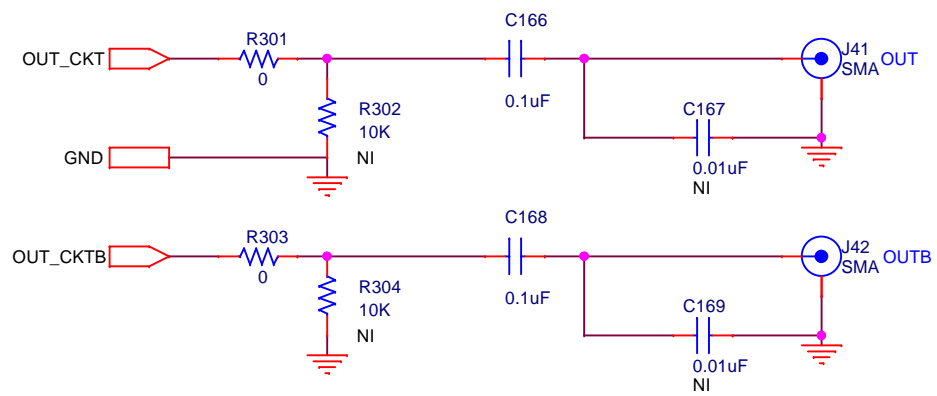
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Document Number
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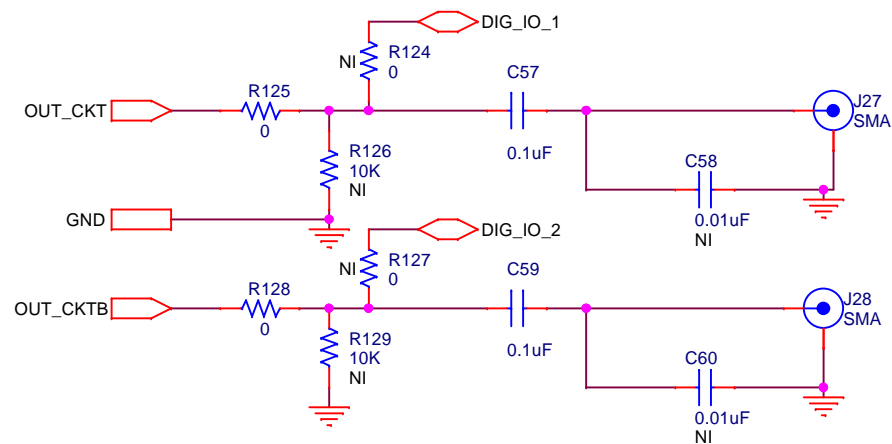
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DIFF_OUTPUT_CLK_DIG_IO



400 W Cesar Chavez
Austin, TX 78701

Title

DIFF_OUTPUT_CLK_DIG_IO

Size
A

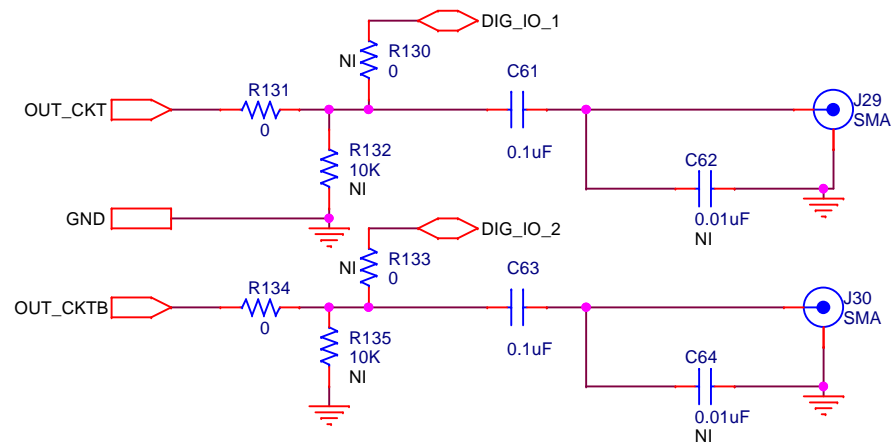
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DIFF_OUTPUT_CLK_DIG_IO



400 W Cesar Chavez
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Title

DIFF_OUTPUT_CLK_DIG_IO

Size
A

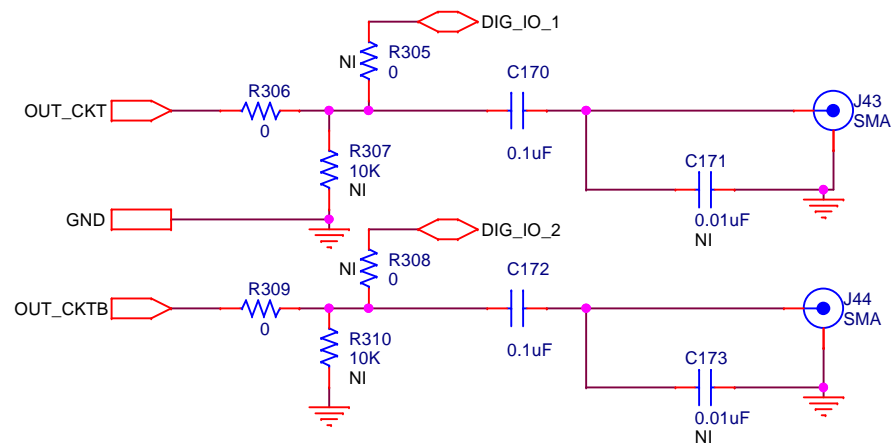
Document Number
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DIFF_OUTPUT_CLK_DIG_IO



400 W Cesar Chavez
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Title

DIFF_OUTPUT_CLK_DIG_IO

Size
A

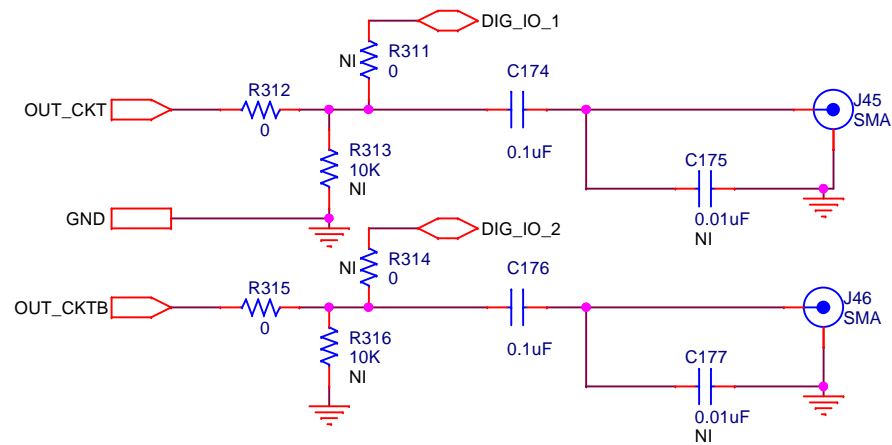
Document Number
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DIFF_OUTPUT_CLK_DIG_IO



400 W Cesar Chavez
Austin, TX 78701

Title

DIFF_OUTPUT_CLK_DIG_IO

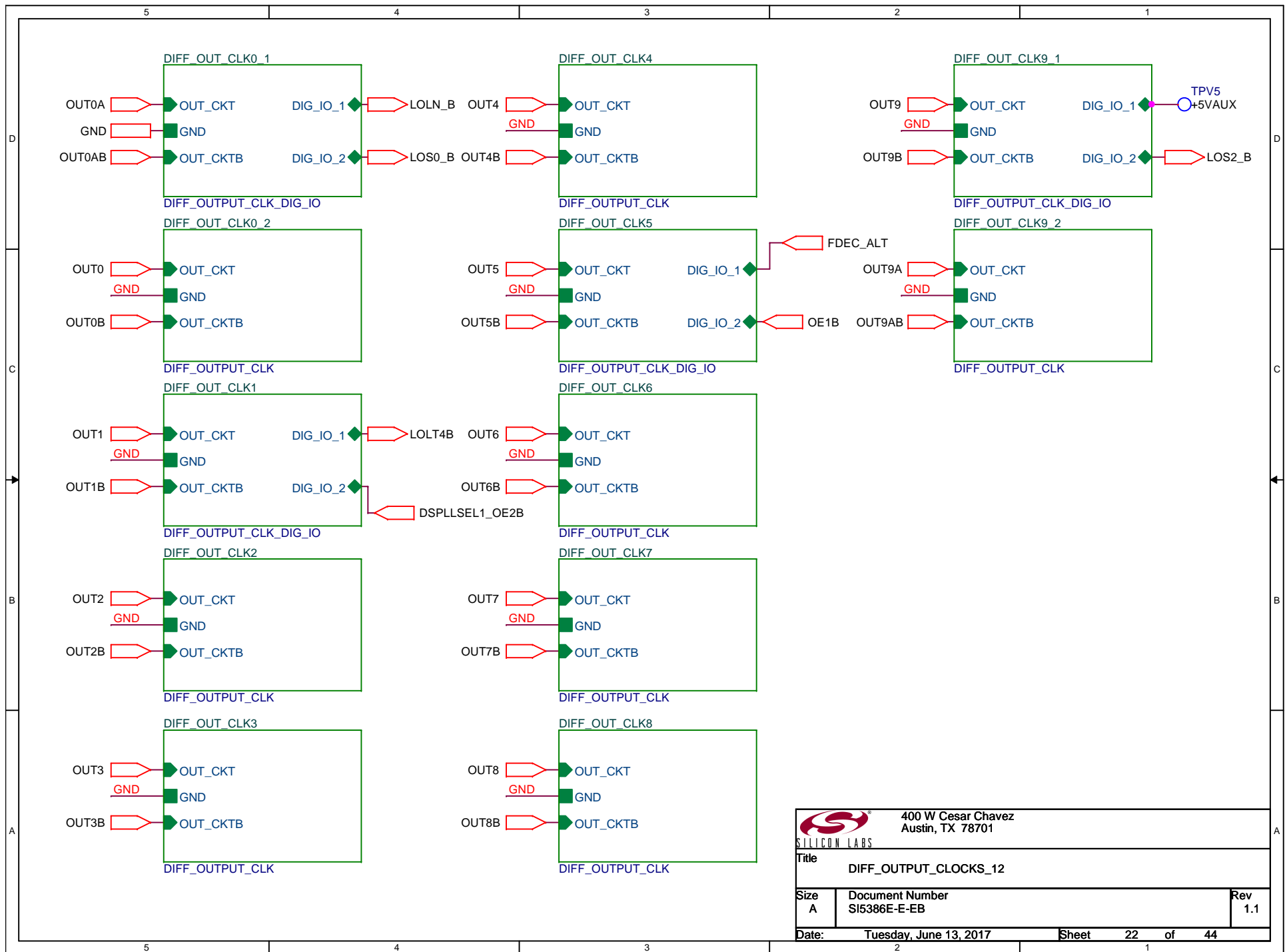
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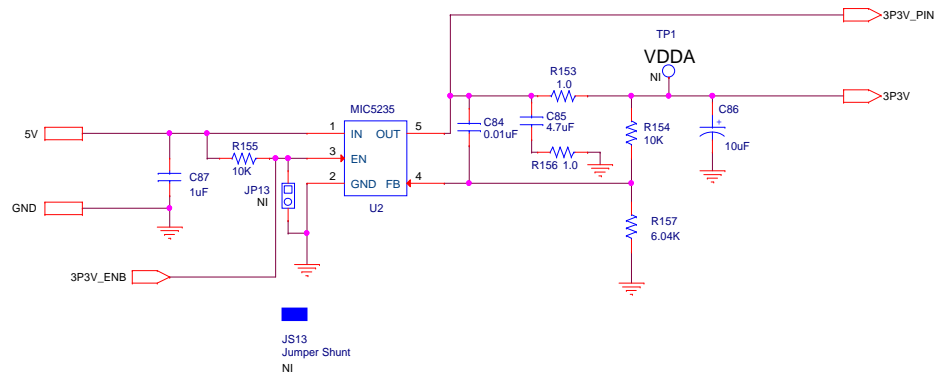
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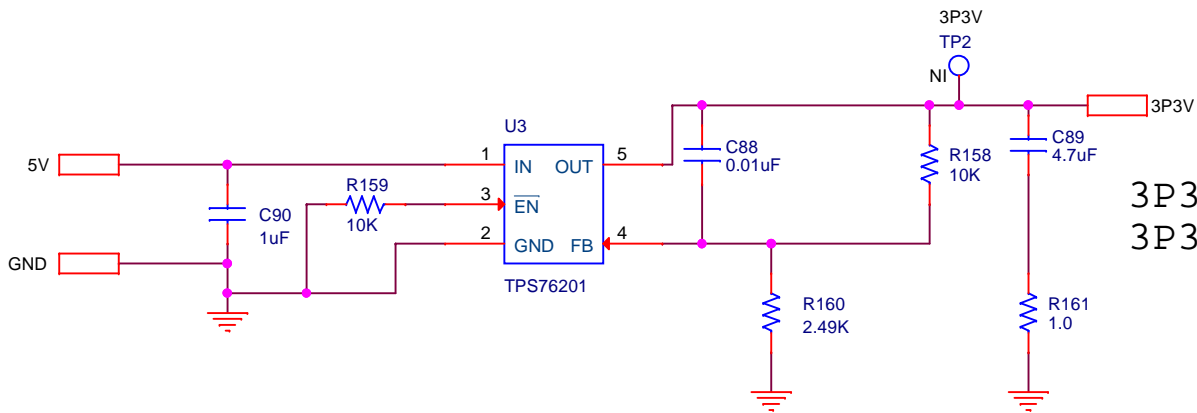
Fixed 3.3V 150 mA Voltage Regulator




3P3V_DUT (In Schematic)
VDDA DUT (Board Silkscreen)

 400 W Cesar Chavez Austin, TX 78701	
Title VDD_REG_MIC5235	
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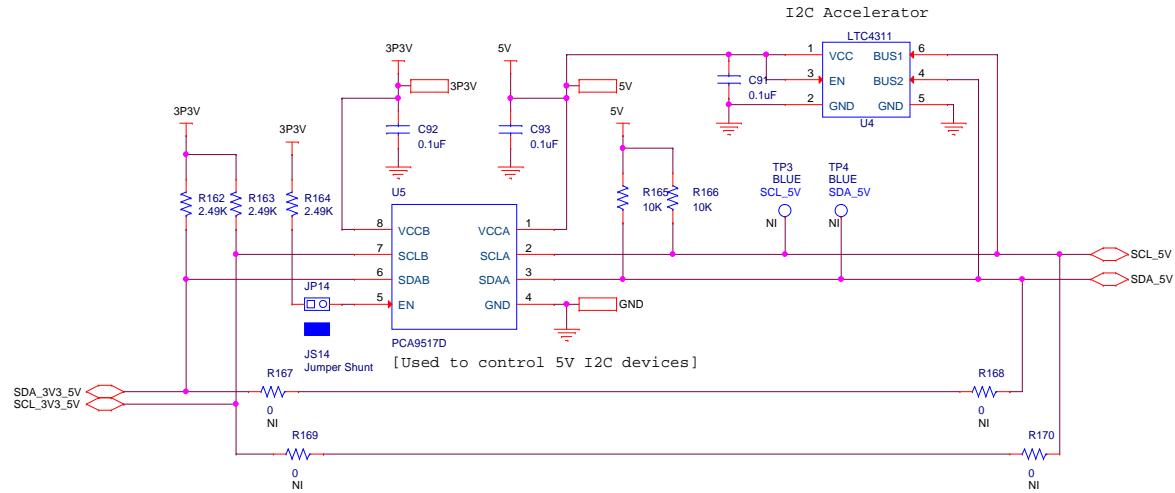
Fixed 3.3V 100 mA Voltage Regulator (Enabled, no current measurement supported.)




3P3V (In Schematic)
3P3V (Board Silkscreen)

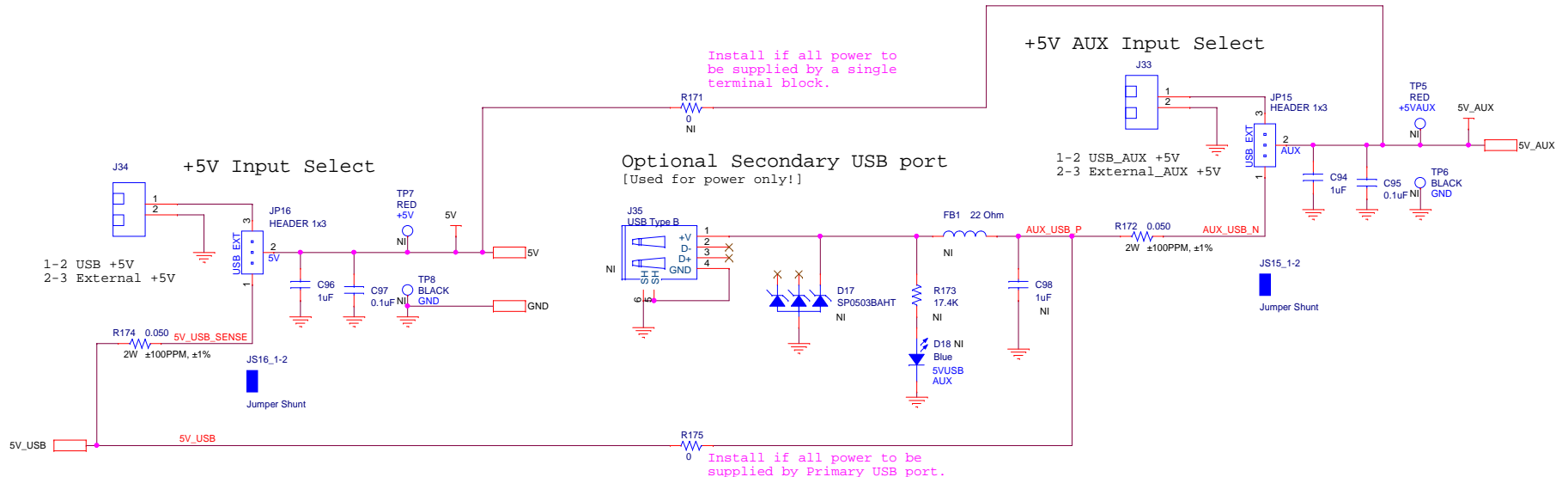
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Title		FIXED_3V3_REG_TPS76201_EN_NO_IM	
Size A	Document Number SI5386E-E-EB	<Variant Name>	Rev 1.1
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I2C LEVEL TRANSLATORS



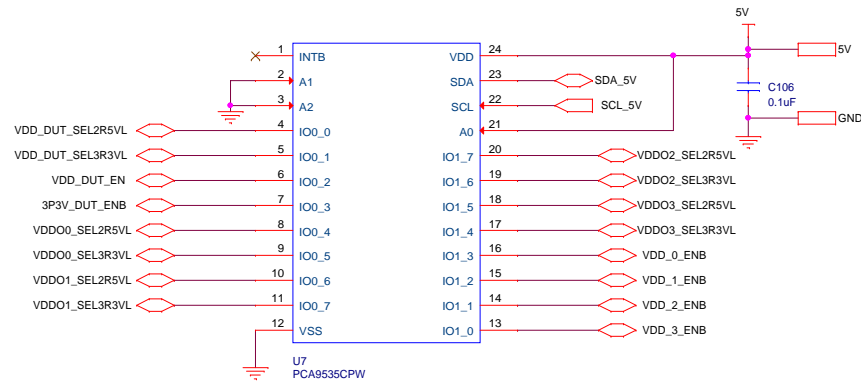
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Title I2C_TRANSLATORS		
Size B	Document Number SI5386E-E-EB	Rev 1.1
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MAIN POWER INPUT SELECTS EXTERNAL OR USB

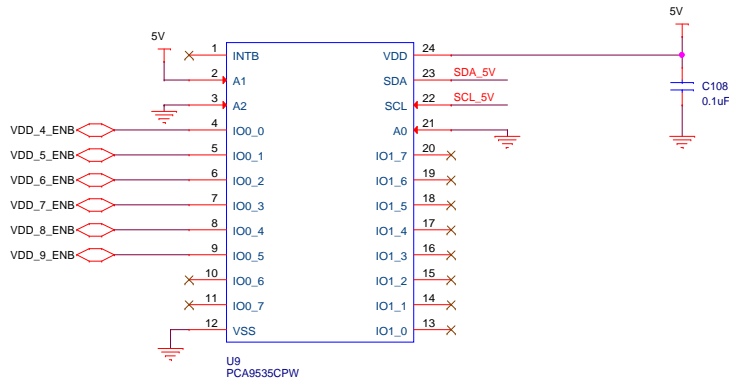


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Title		
MAIN_POWER_CONNECTIONS		
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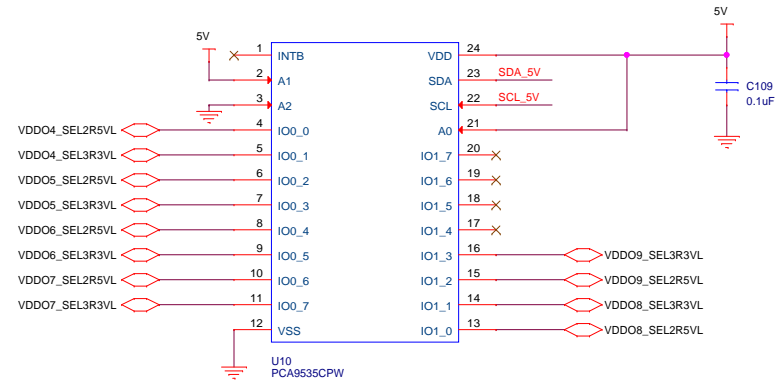
PERIPHERALS



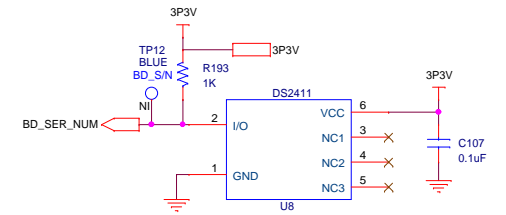
I2C VDD ENABLES/SELECTS FOR REGULATORS
I2C address: 0100001




I2C VDD ENABLES/SELECTS FOR REGULATORS
I2C address: 0100010

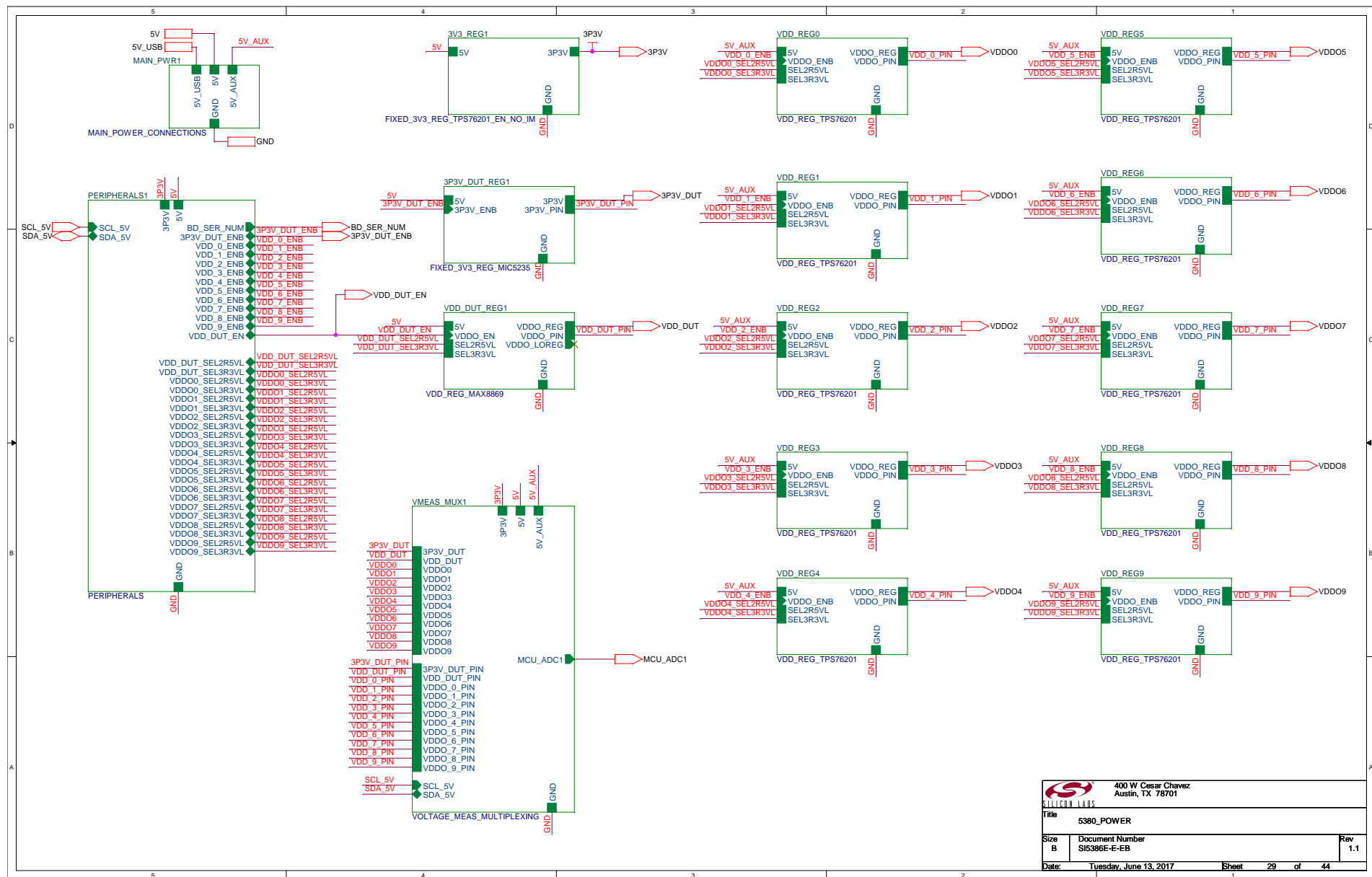


I2C VDD ENABLES/SELECTS FOR REGULATORS
I2C address: 0100011

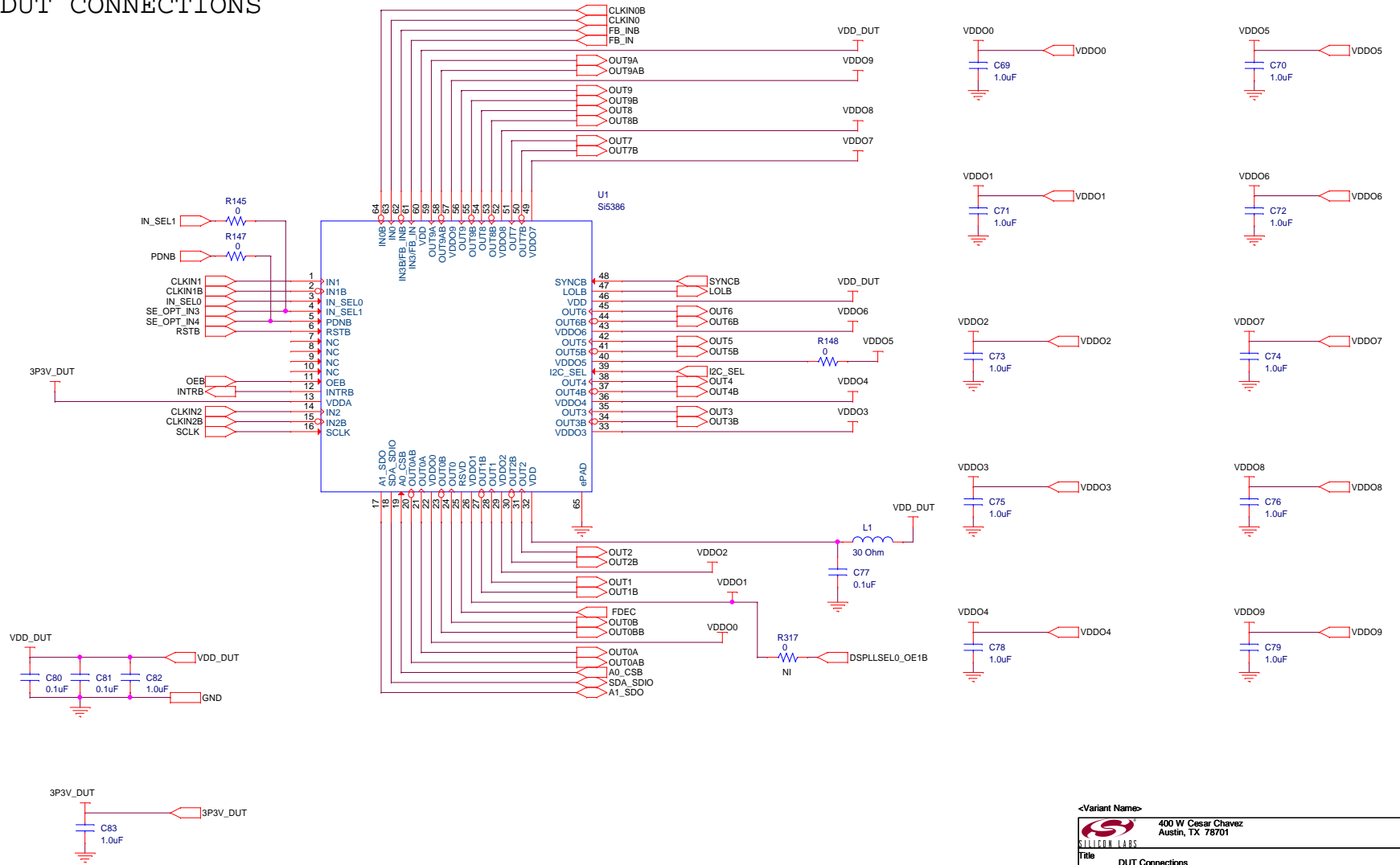


Board Serial Number

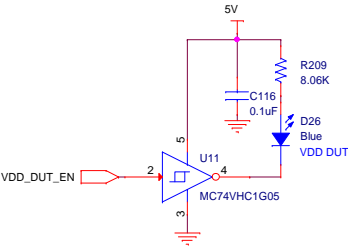
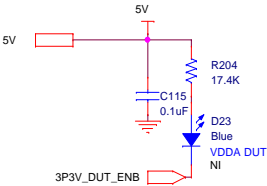
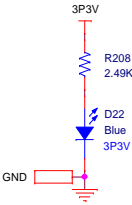
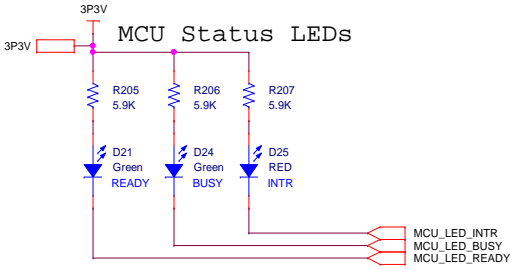
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Size B	Document Number SI5386E-E-EB		Rev 1.1
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DUT CONNECTIONS

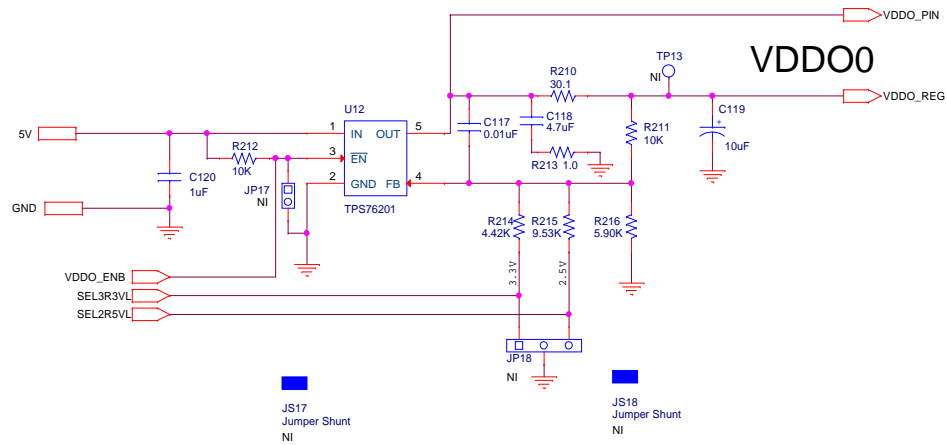



LEDS - SUPPLIES & STATUS



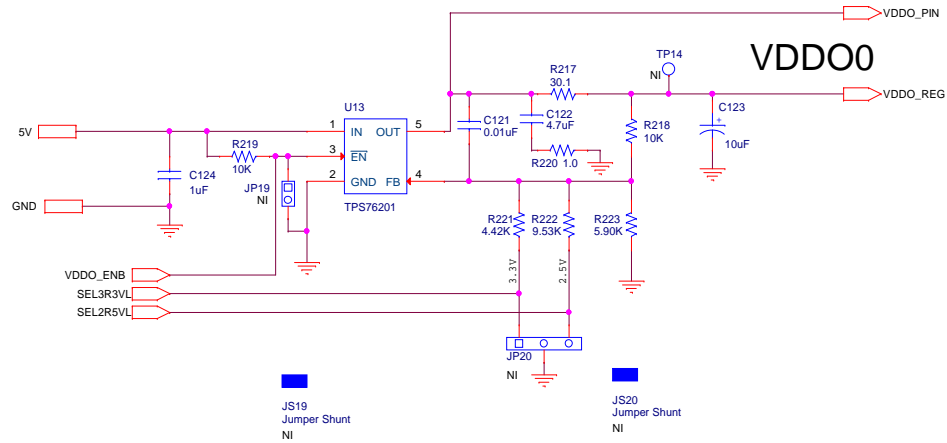
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Title STATUS_MAIN_SUPPLY_LEDS		
Size B	Document Number SI5386E-E-EB	Rev 1.1
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100 mA Adjustable Voltage Regulator



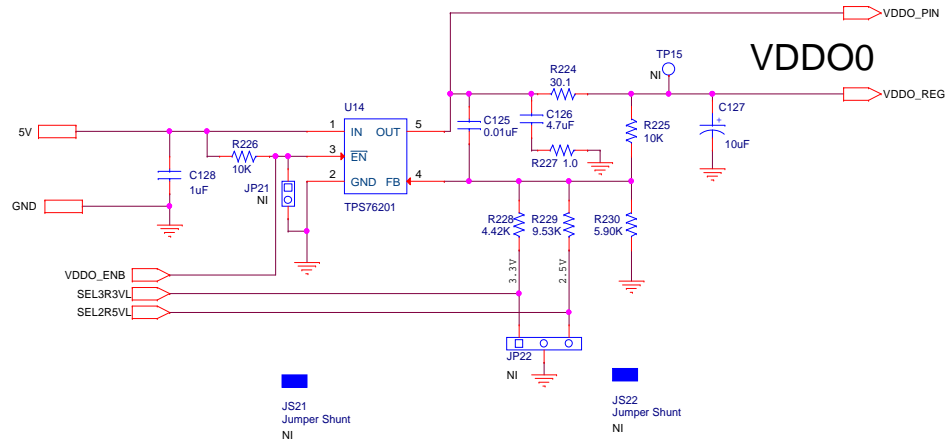
 400 W Cesar Chavez Austin, TX 78701	
Title	
VDD_REG_TPS76201	
Size	Document Number
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100 mA Adjustable Voltage Regulator



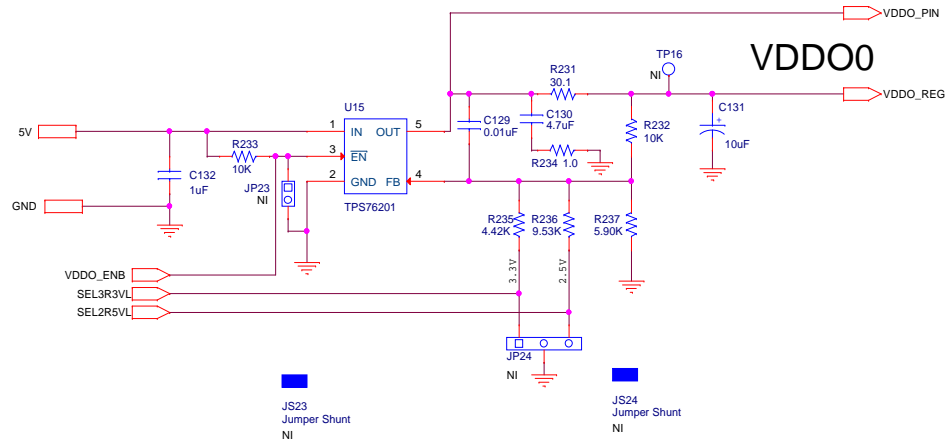
 400 W Cesar Chavez Austin, TX 78701	
Title	
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Size	Document Number
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100 mA Adjustable Voltage Regulator



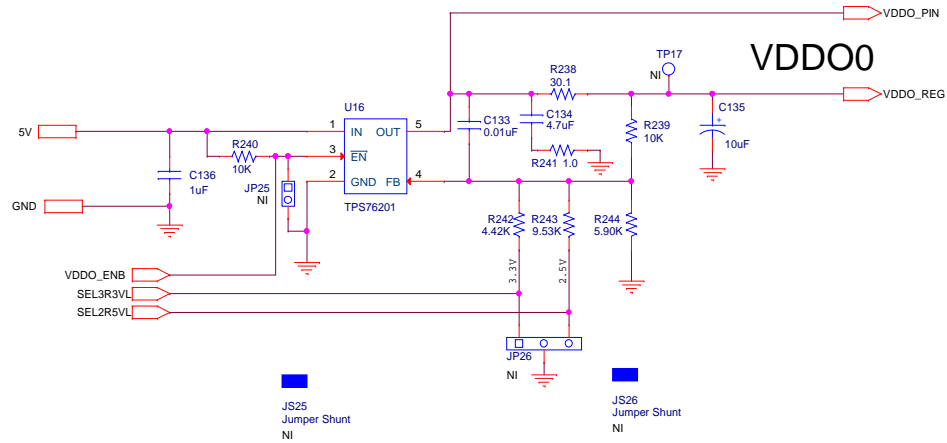
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Title VDD_REG_TPS76201	
Size B	Document Number SI5386E-E-EB
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100 mA Adjustable Voltage Regulator



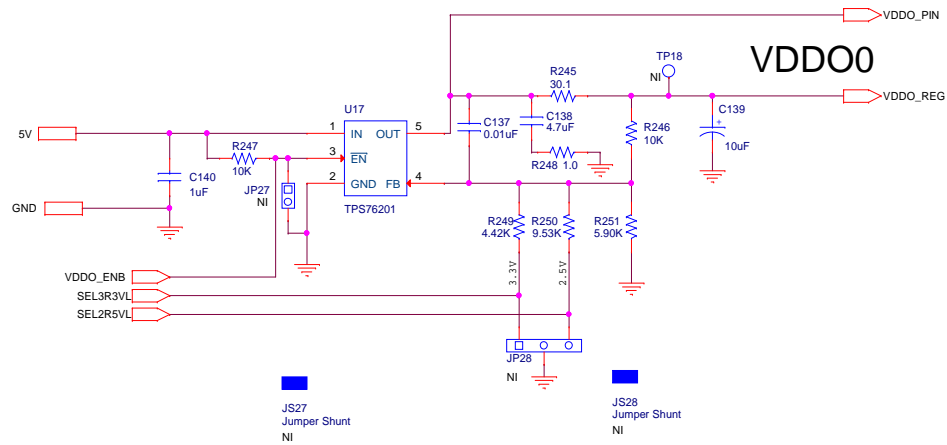
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Title		VDD_REG_TPS76201	
Size	Document Number	Rev	
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100 mA Adjustable Voltage Regulator



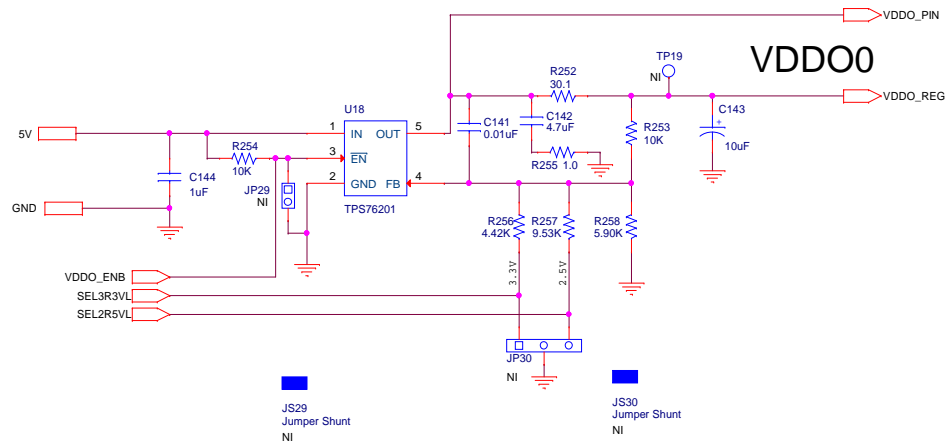
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Size B	Document Number SI5386E-E-EB
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100 mA Adjustable Voltage Regulator



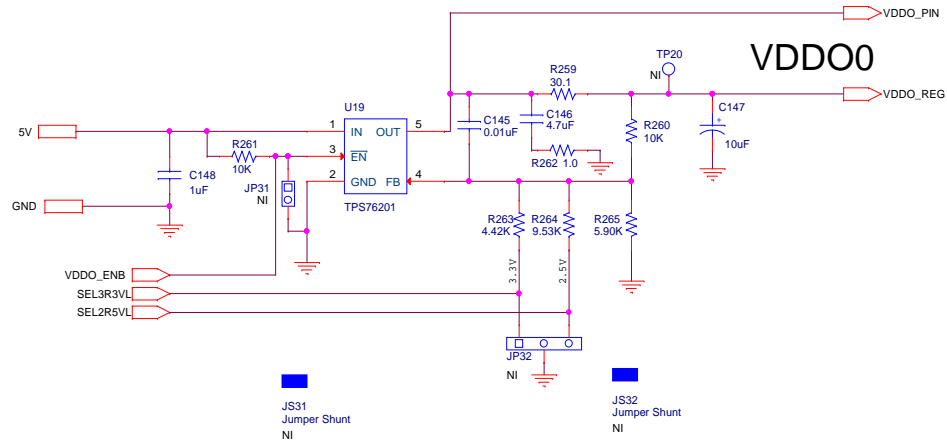
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Title		VDD_REG_TPS76201	
Size	Document Number	Rev	
B	SI5386E-E-EB	1.1	
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100 mA Adjustable Voltage Regulator



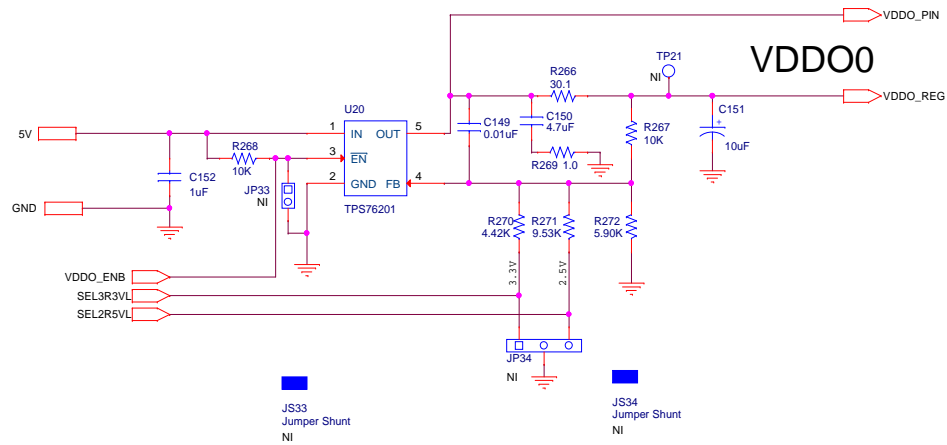
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Size	Document Number
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100 mA Adjustable Voltage Regulator

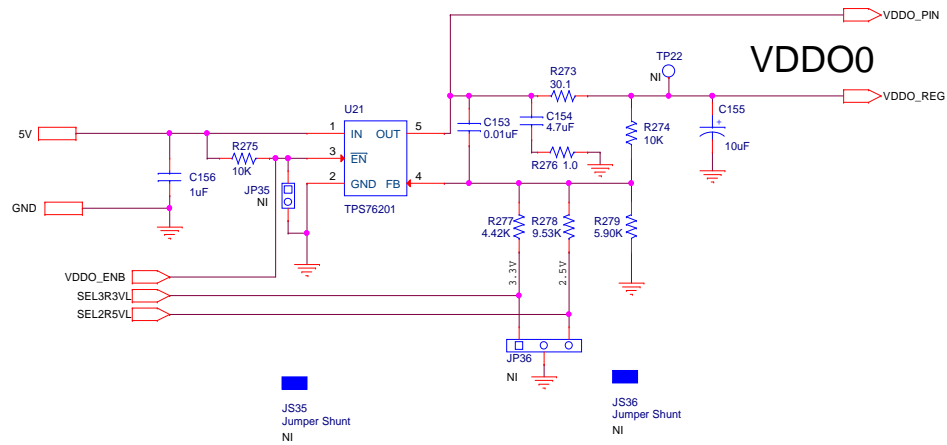



 400 W Cesar Chavez Austin, TX 78701	
Title	
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100 mA Adjustable Voltage Regulator



100 mA Adjustable Voltage Regulator



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VOLTAGE MEASUREMENT MULTIPLEXING

