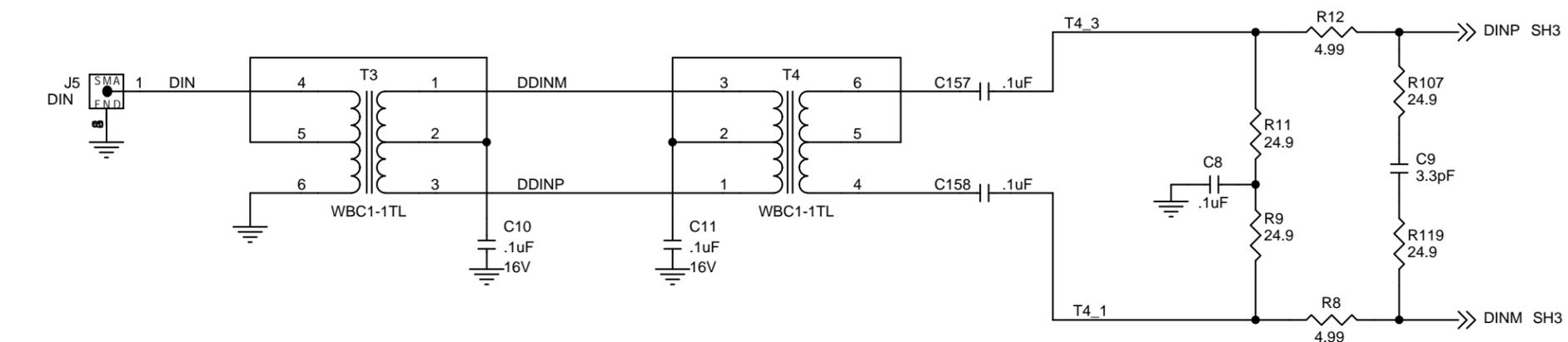
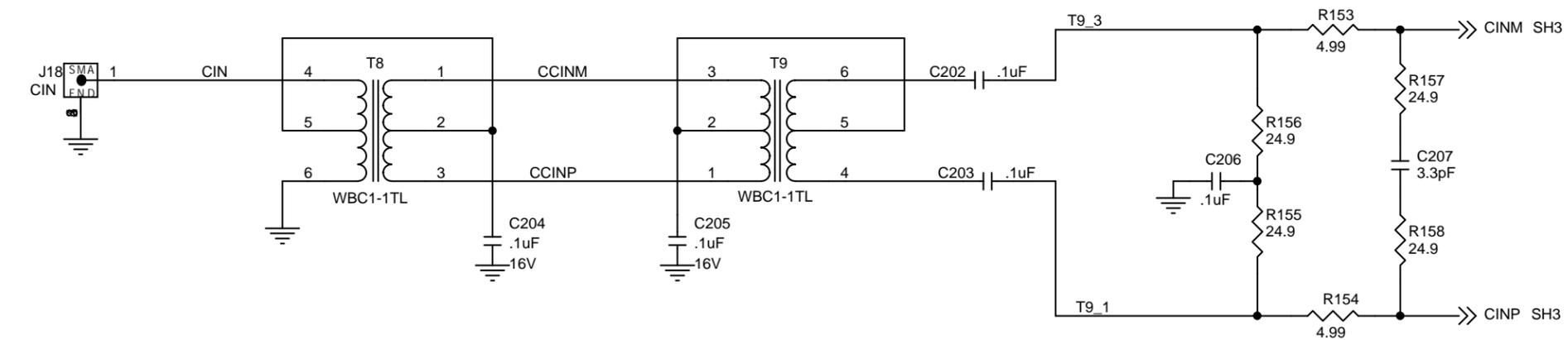
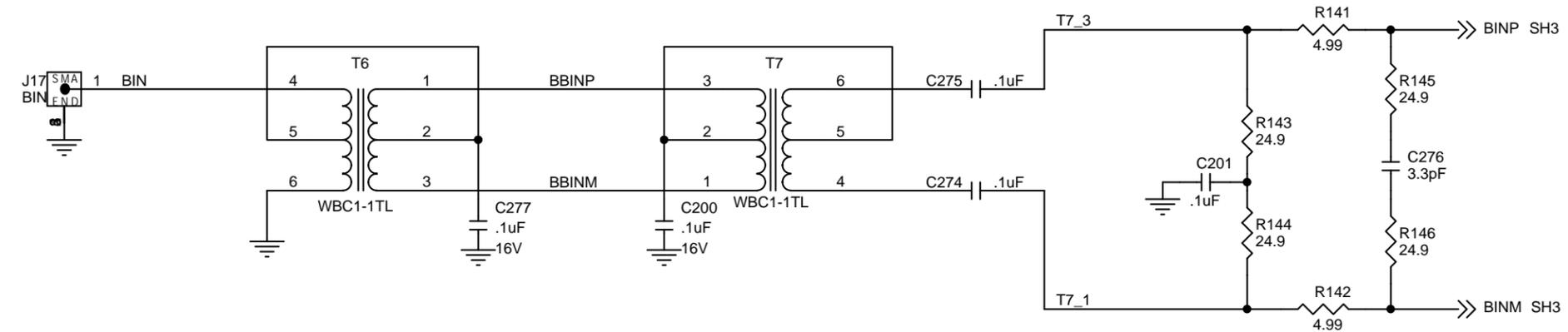
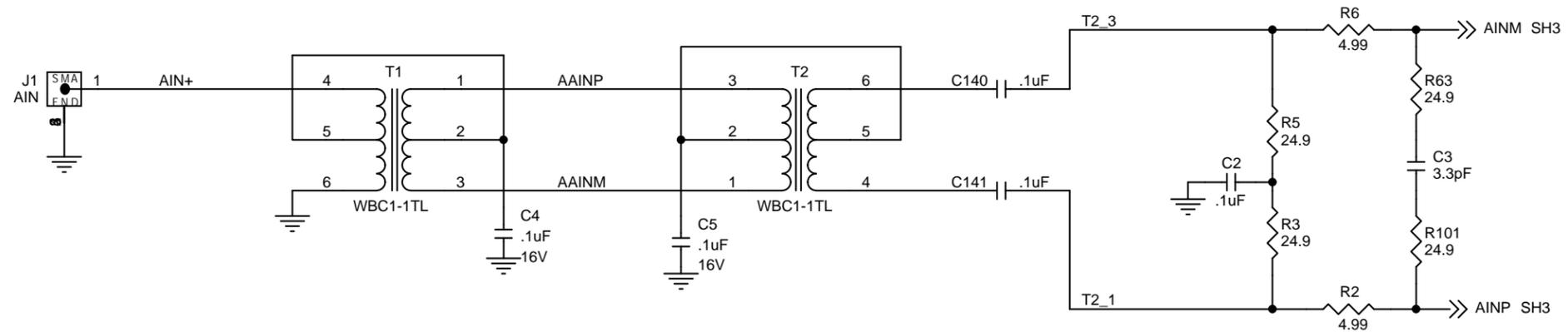


SCH, ADS54J66, ADS58J63, ADS58J66

**TEXAS INSTRUMENTS**  
 12000 TI Boulevard, Dallas, Texas 75243

Title: **BLOCK DIAGRAM**

Size: <b>B</b>	Document Number	Rev: <b>A</b>
Engineer: J SETON 08/2013	Date: Friday, April 10, 2015	Sheet 1 of 10
PCB: JV SMITH 08/2013		

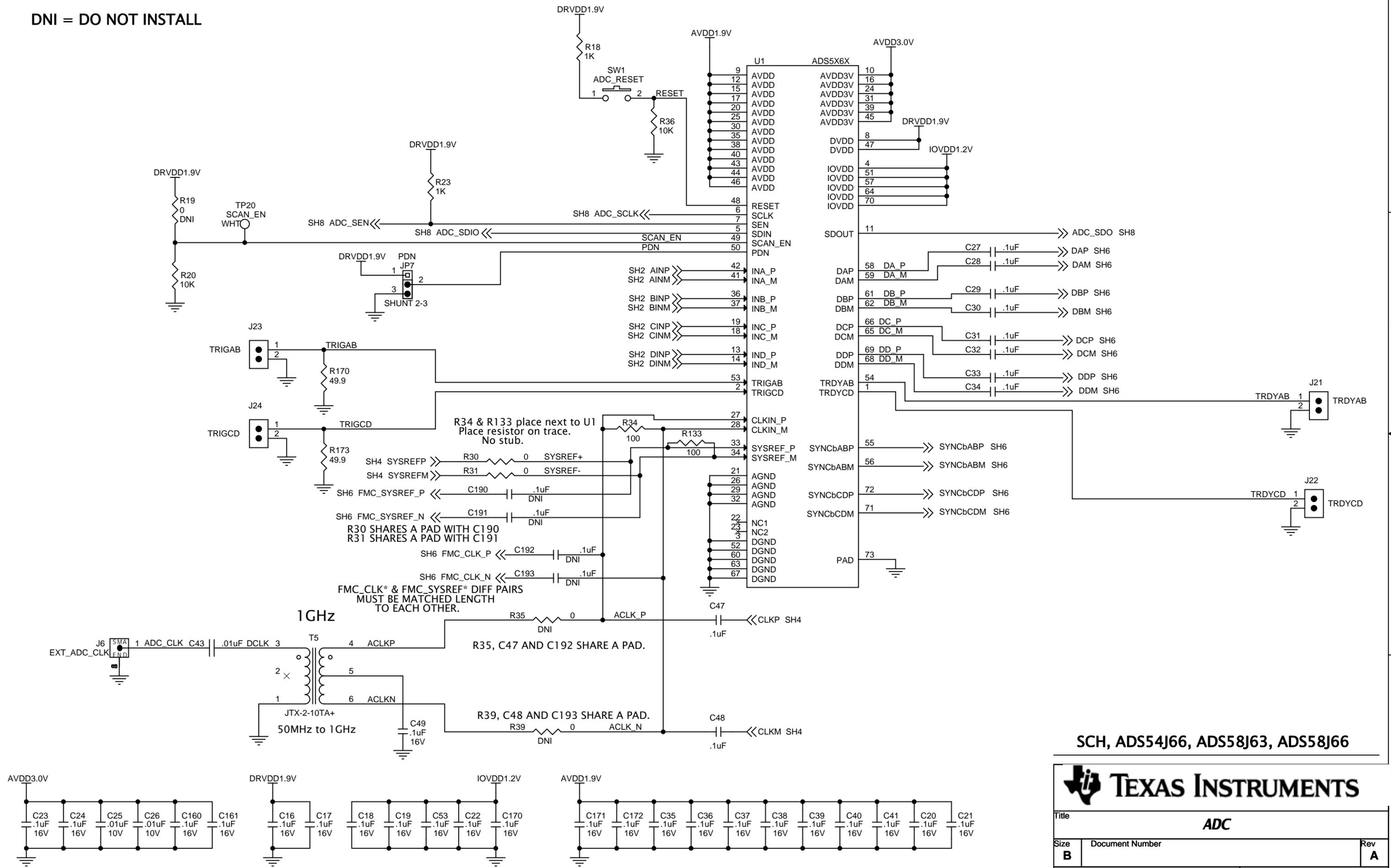


SCH, ADS54J66, ADS58J63, ADS58J66



Title		
<b>ANALOG IN</b>		
Size	Document Number	Rev
<b>B</b>		<b>A</b>
Date:	Friday, April 10, 2015	Sheet 2 of 10

DNI = DO NOT INSTALL



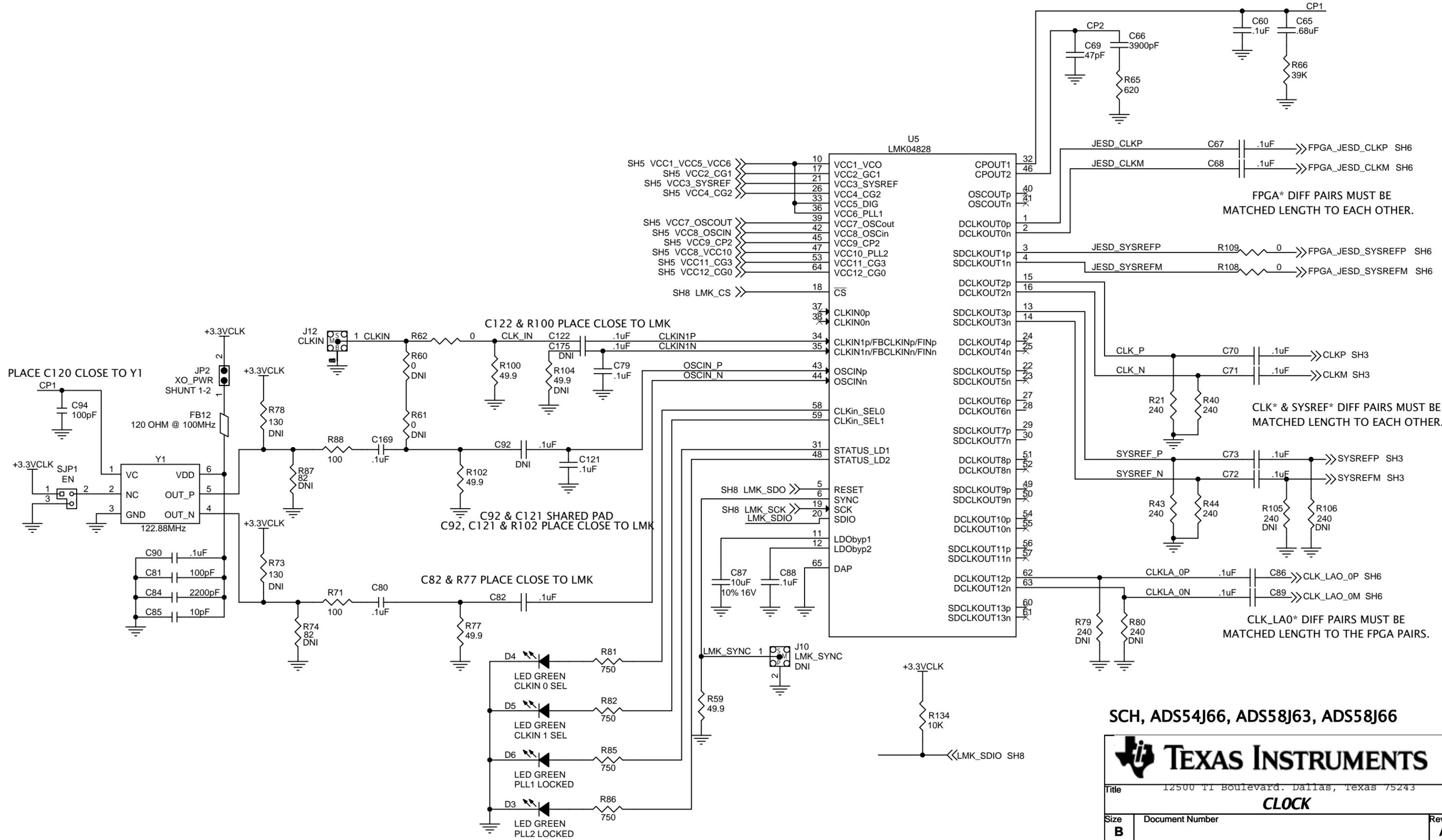
SCH, ADS54J66, ADS58J63, ADS58J66

**TEXAS INSTRUMENTS**

Title: **ADC**

Size: **B** Document Number: \_\_\_\_\_ Rev: **A**

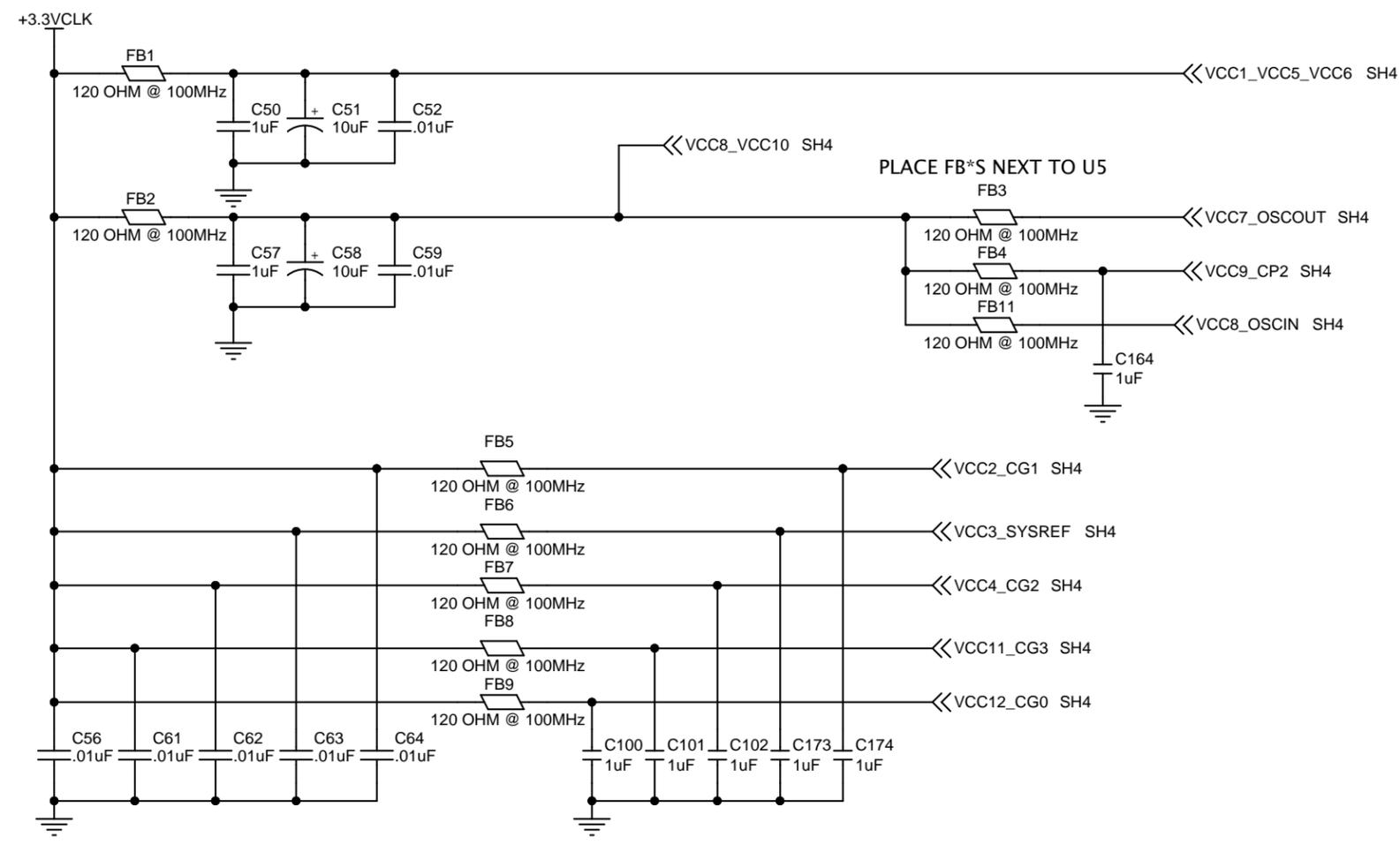
Date: Friday, April 10, 2015 Sheet 3 of 10



SCH, ADS54J66, ADS58J63, ADS58J66



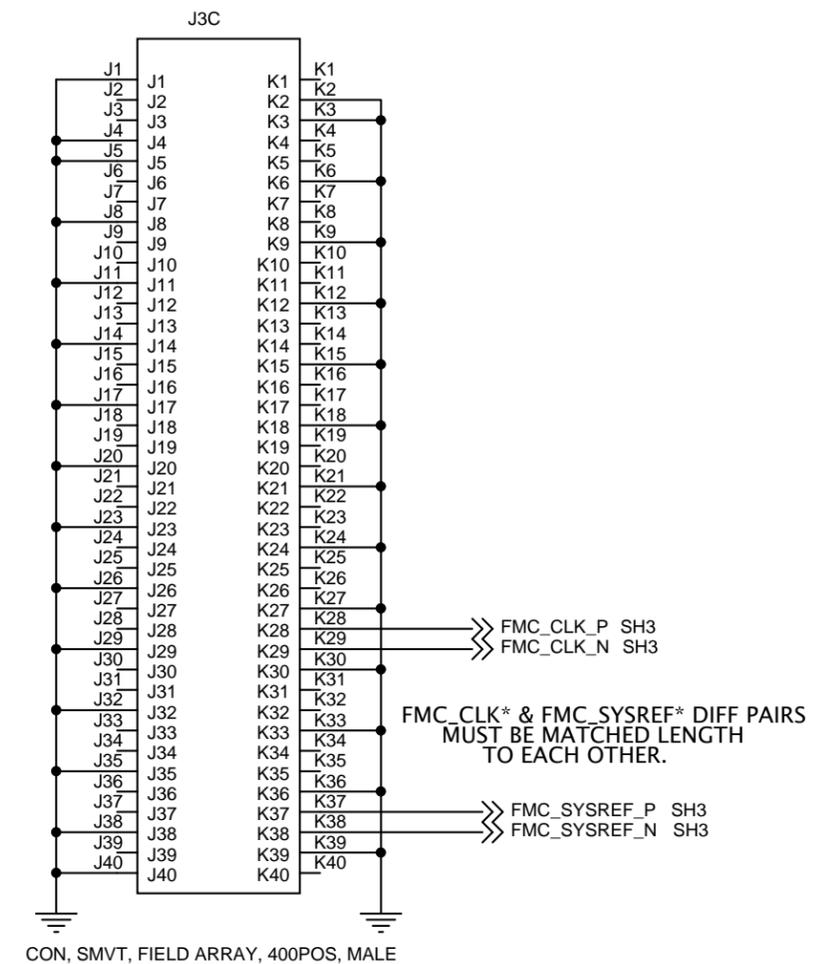
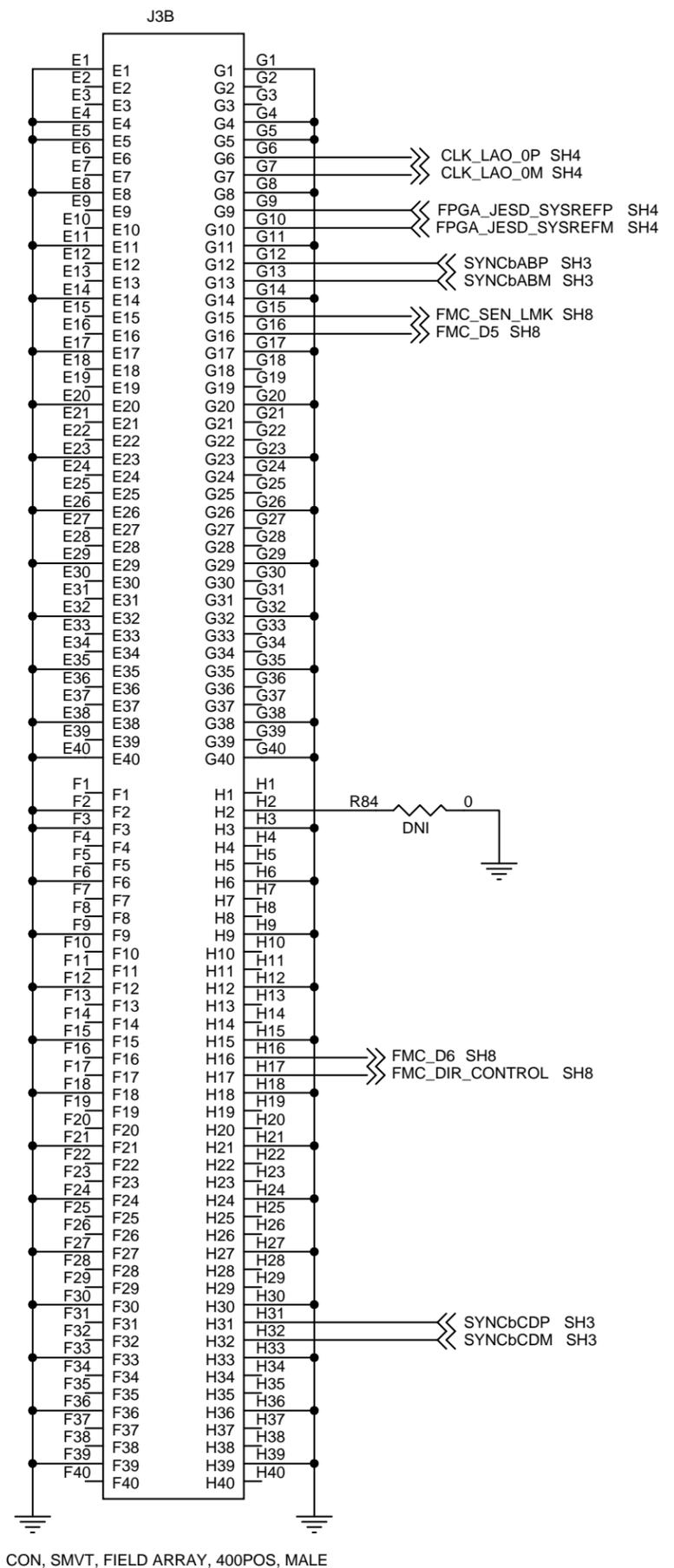
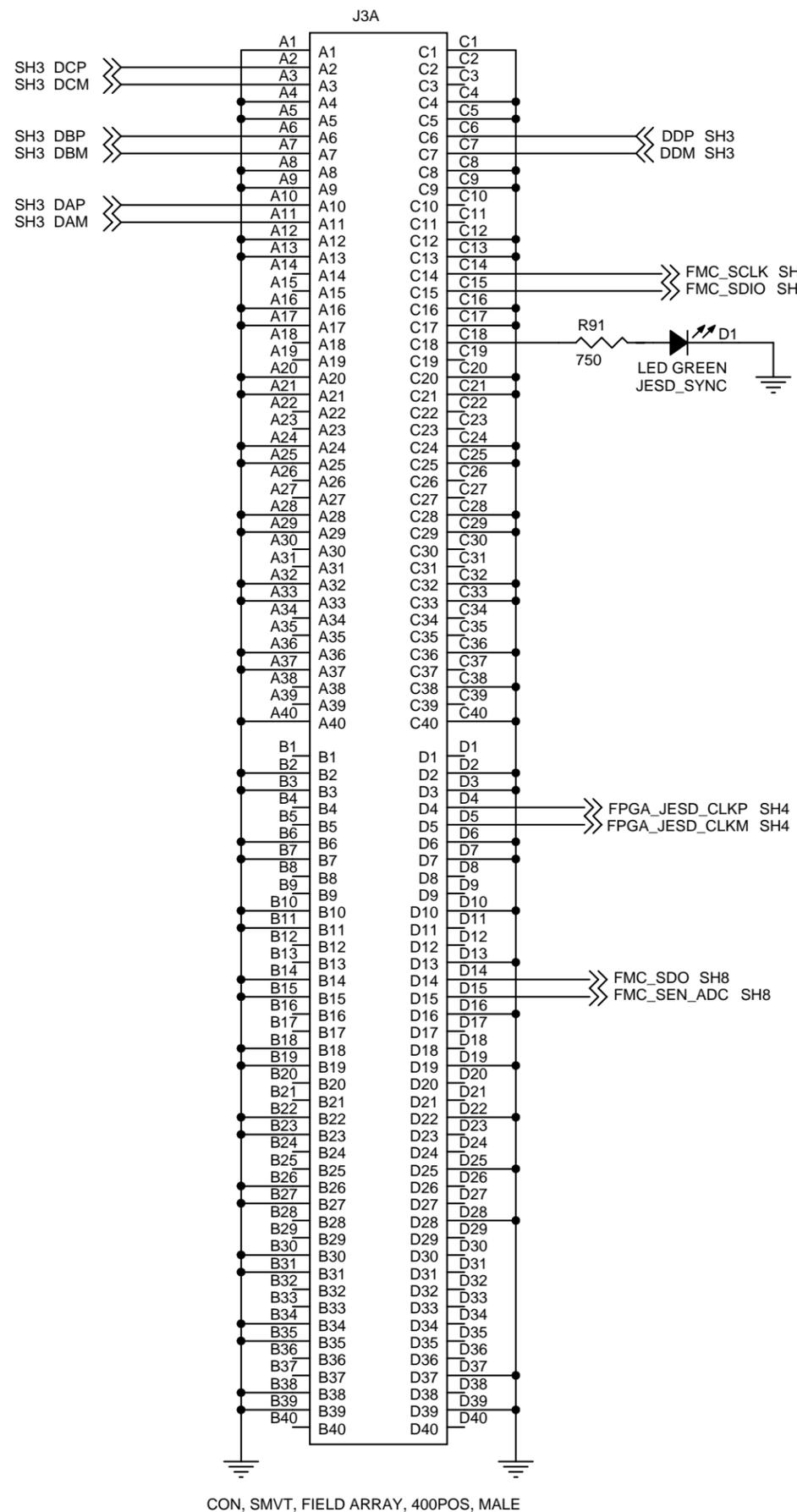
Title		
12500 TI Boulevard, Dallas, Texas 75243		
<b>CLOCK</b>		
Size	Document Number	Rev
<b>B</b>		<b>A</b>
Date:	Friday, April 10, 2015	Sheet 4 of 10



SCH, ADS54J66, ADS58J63, ADS58J66



Title			<b>LMK POWER</b>		
Size	Document Number				Rev
<b>B</b>					<b>A</b>
Date:	Friday, April 10, 2015	Sheet	5	of	10



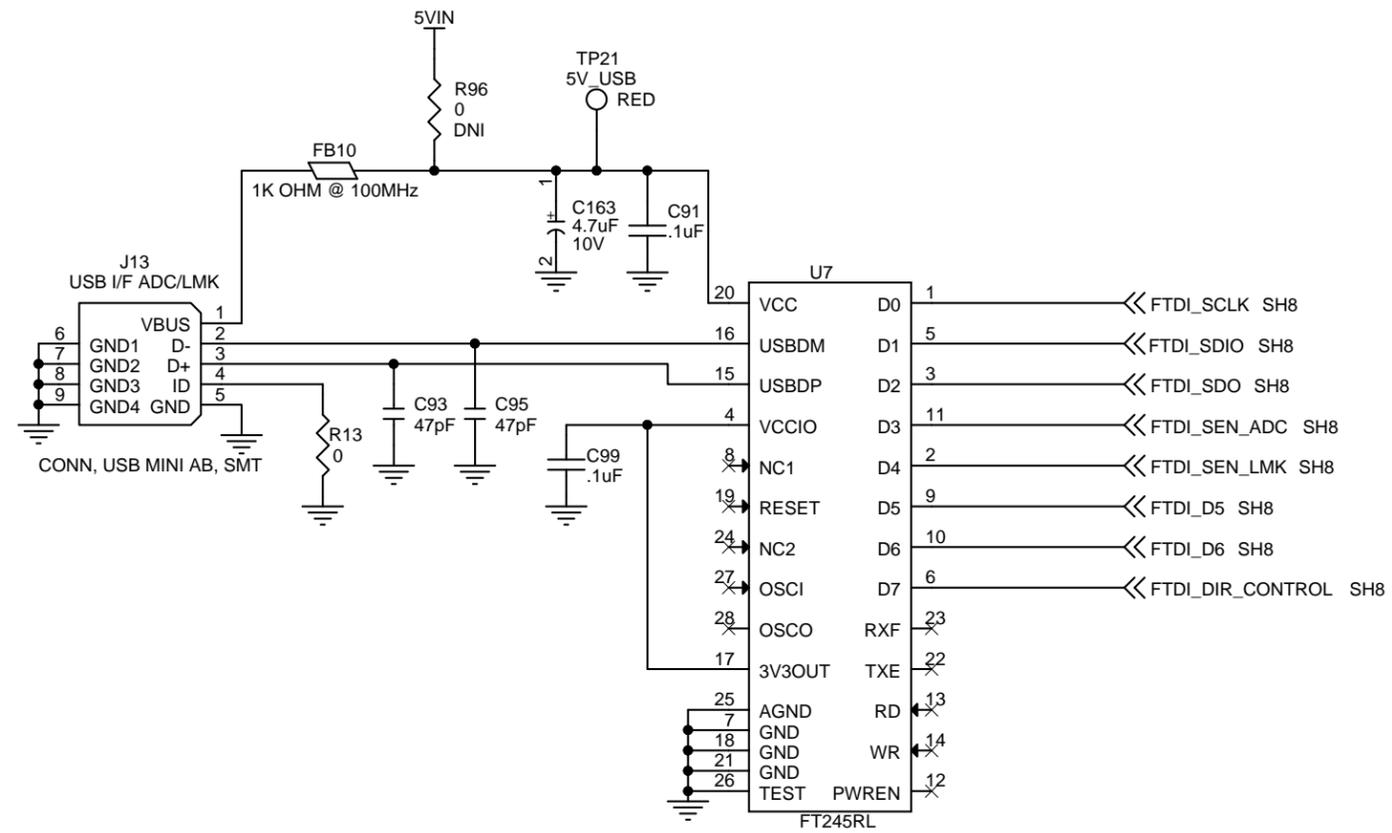
FMC\_CLK\* & FMC\_SYSREF\* DIFF PAIRS MUST BE MATCHED LENGTH TO EACH OTHER.

SCH, ADS54J66, ADS58J63, ADS58J66

**TEXAS INSTRUMENTS**

Title: **OUTPUT - FMC ONNECTOR**

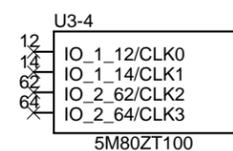
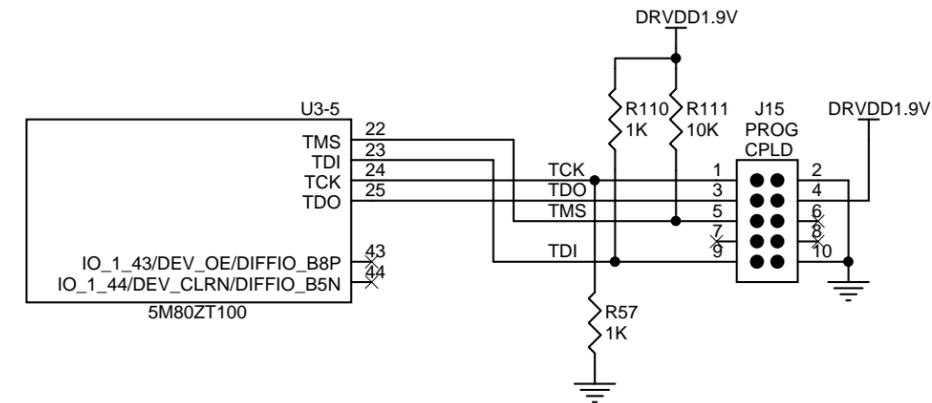
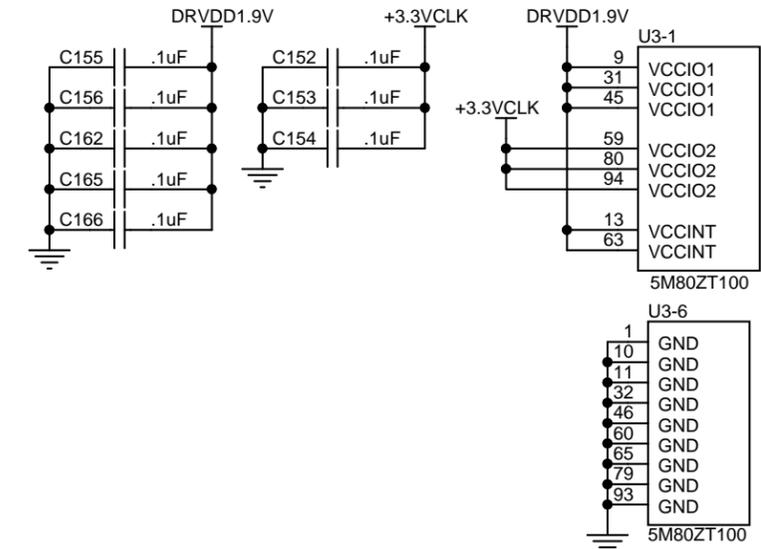
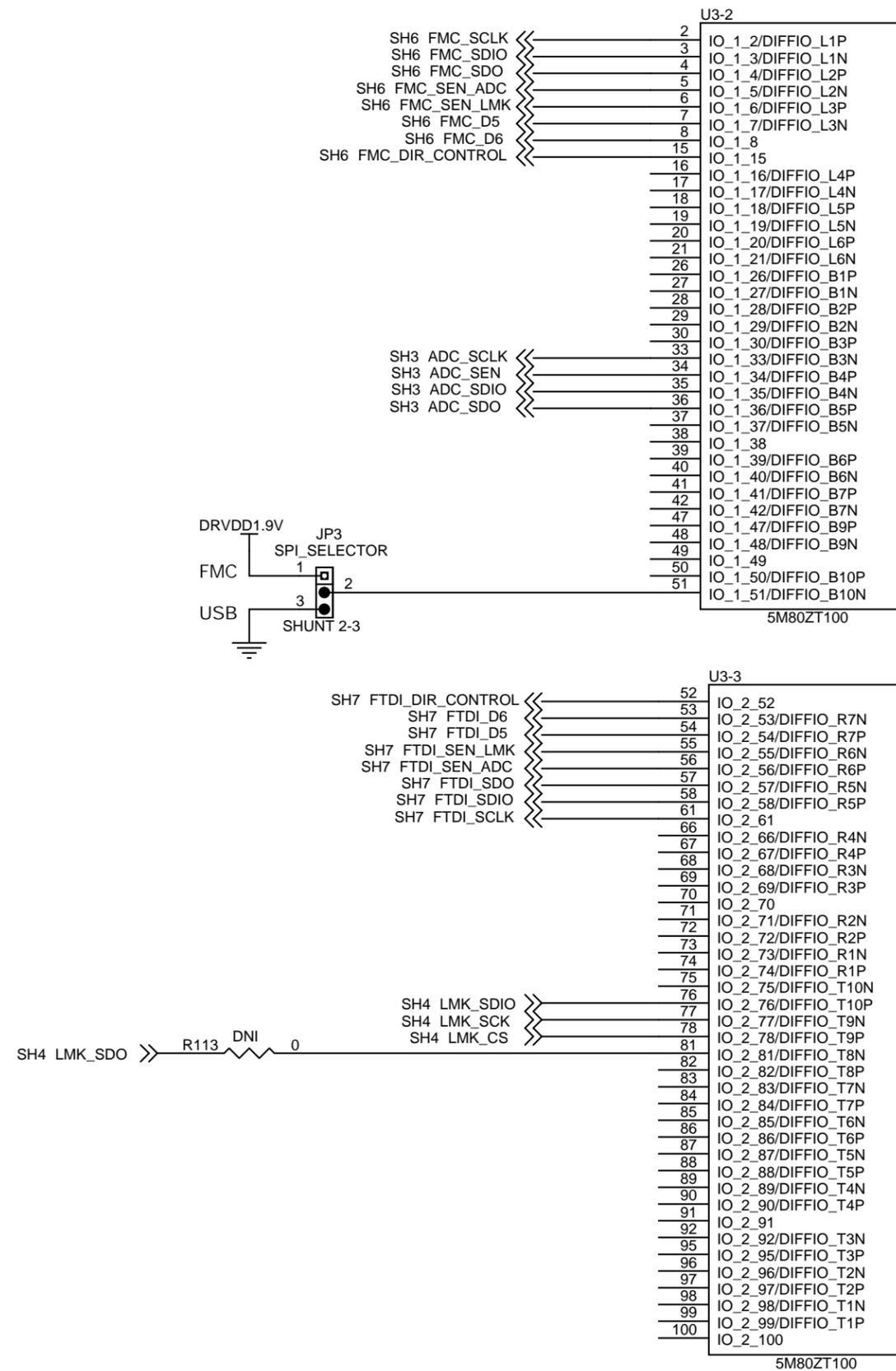
Size: <b>B</b>	Document Number	Rev: <b>A</b>
Date: Friday, April 10, 2015	Sheet 6 of 10	



SCH, ADS54J66, ADS58J63, ADS58J66



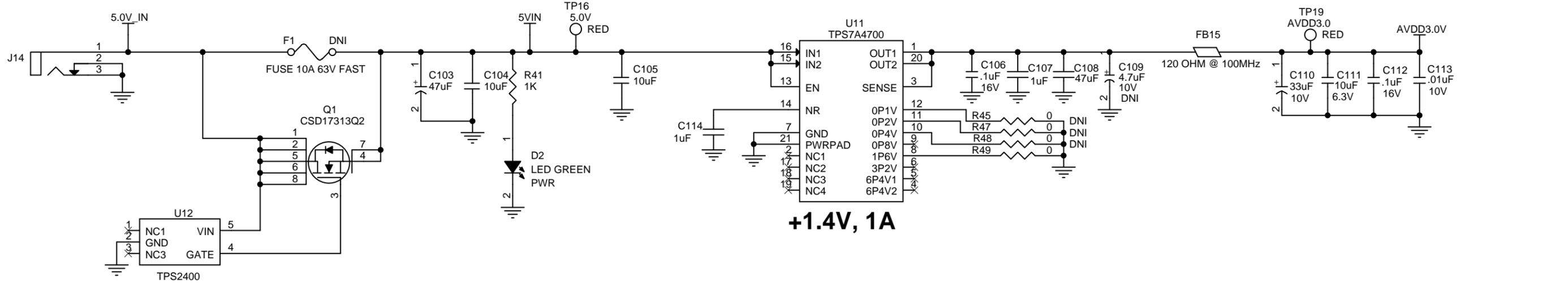
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Size	Document Number	Rev	
<b>B</b>		<b>A</b>	
Date:	Friday, April 10, 2015	Sheet	7 of 10



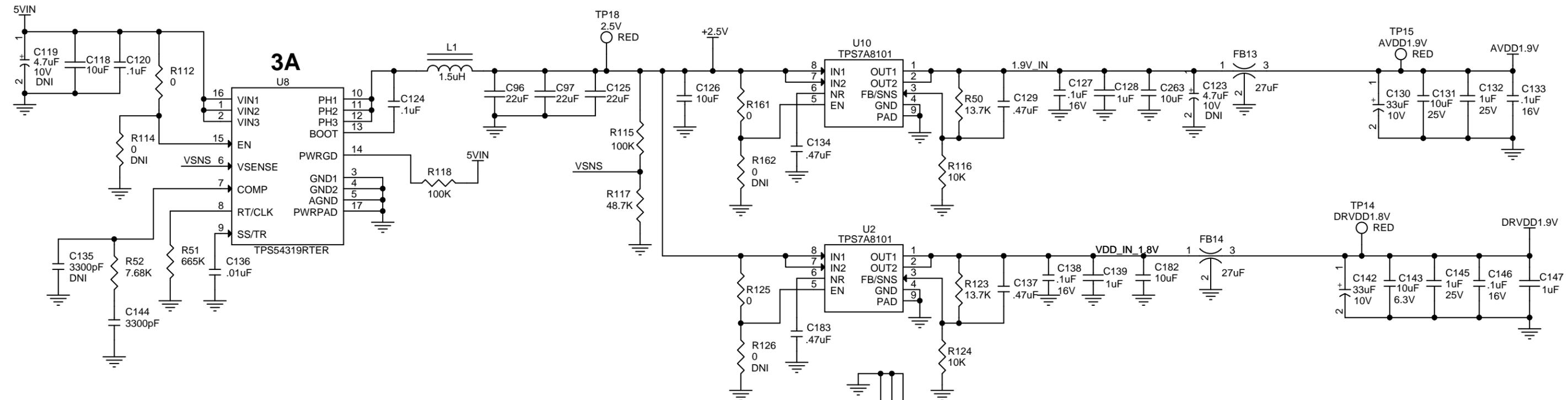
SCH, ADS54J66, ADS58J63, ADS58J66



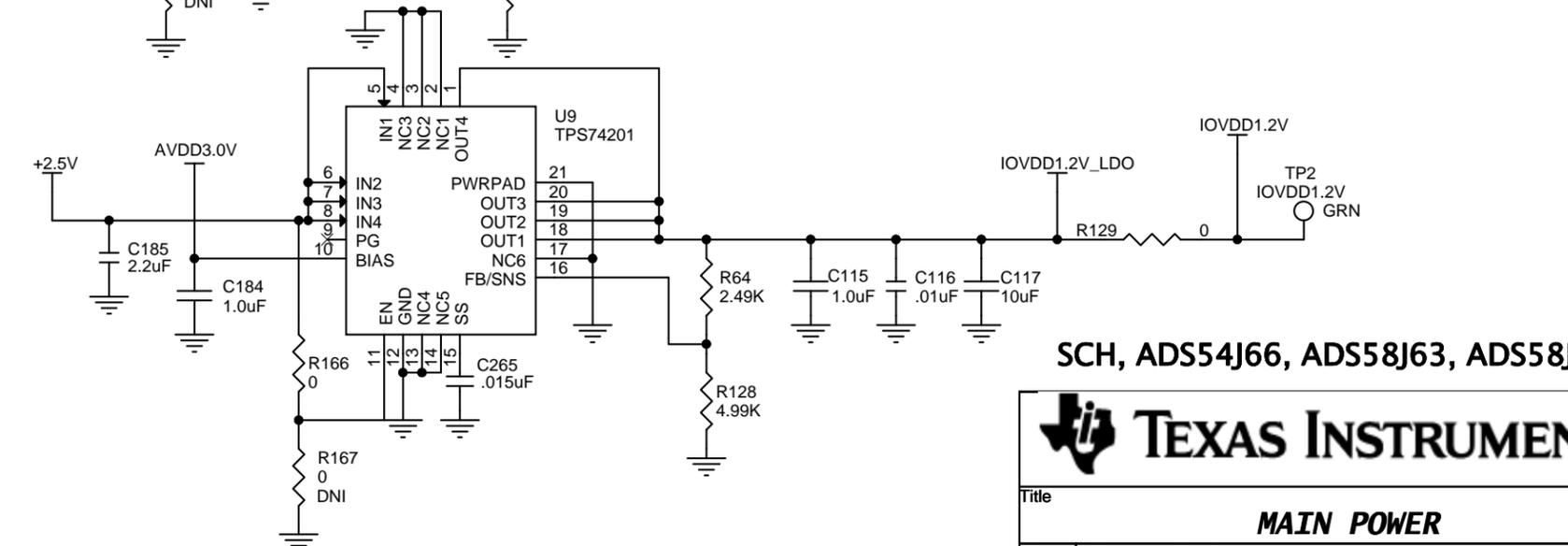
Title			<b>CPLD</b>		
Size	Document Number				Rev
<b>B</b>					<b>A</b>
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**+1.4V, 1A**



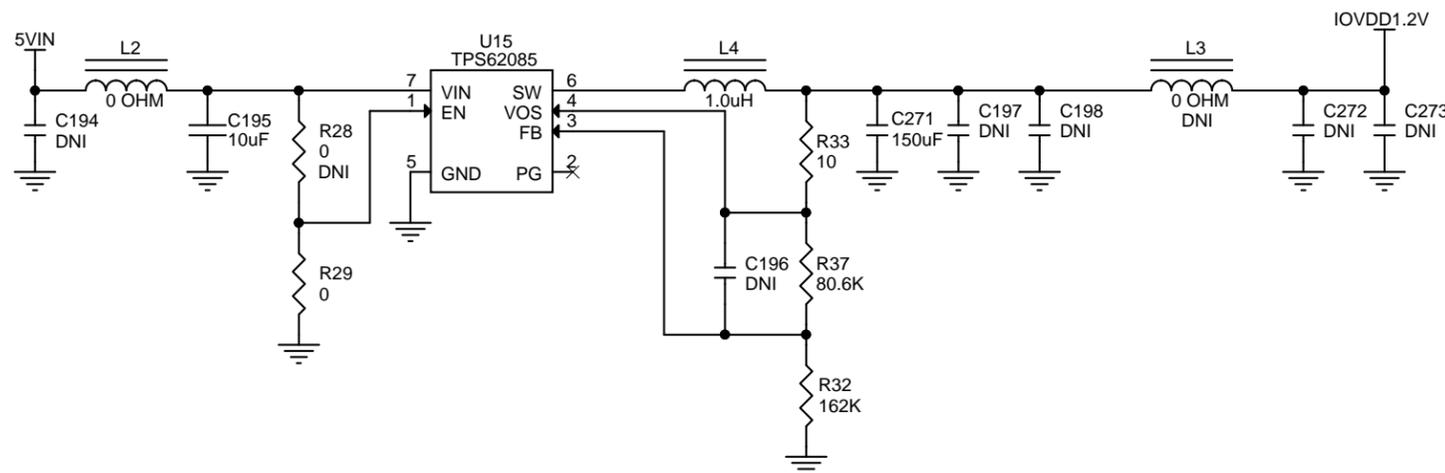
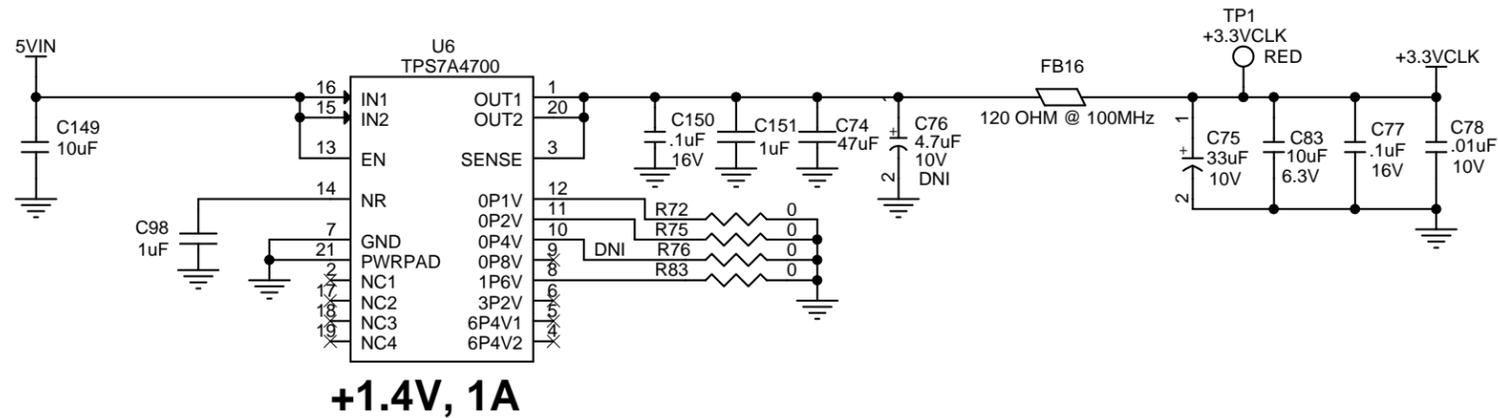
**3A**



SCH, ADS54J66, ADS58J63, ADS58J66



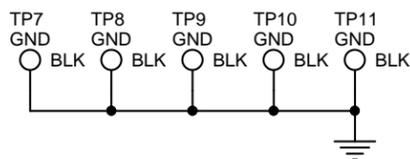
Title		
<b>MAIN POWER</b>		
Size	Document Number	Rev
<b>B</b>		<b>A</b>
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**MECHANICAL PARTS**

- |                                      |     |                              |                              |
|--------------------------------------|-----|------------------------------|------------------------------|
| MT5                                  | 1   | SCREW, 4-40 X 3/4", PHIL, SS |                              |
| STANDOFF, FEMALE, 4-40 X 1 3/16", AL | MT6 | 1                            | SCREW, 4-40 X 3/4", PHIL, SS |
| STANDOFF, FEMALE, 4-40 X 1 3/16", AL | MT1 | 1                            | SCREW, 4-40 X 3/4", PHIL, SS |
| STANDOFF, FEMALE, 4-40 X 1 3/16", AL | MT2 | 1                            | SCREW, 4-40 X 3/4", PHIL, SS |
| STANDOFF, FEMALE, 4-40 X 1 3/16", AL | MT3 | 1                            | SCREW, 4-40 X 3/4", PHIL, SS |
| STANDOFF, FEMALE, 4-40 X 1 3/16", AL | MT4 | 1                            | SCREW, 4-40 X 3/4", PHIL, SS |
| STANDOFF, FEMALE, 4-40 X 1 3/16", AL | MT4 | 1                            | SCREW, 4-40 X 3/4", PHIL, SS |

BARE BOARD, ADS5XJ6X



SCH, ADS54J66, ADS58J63, ADS58J66



Title		
<b>POWER 3.3V</b>		
Size	Document Number	Rev
<b>B</b>		<b>A</b>
Date:	Friday, April 10, 2015	Sheet 10 of 10