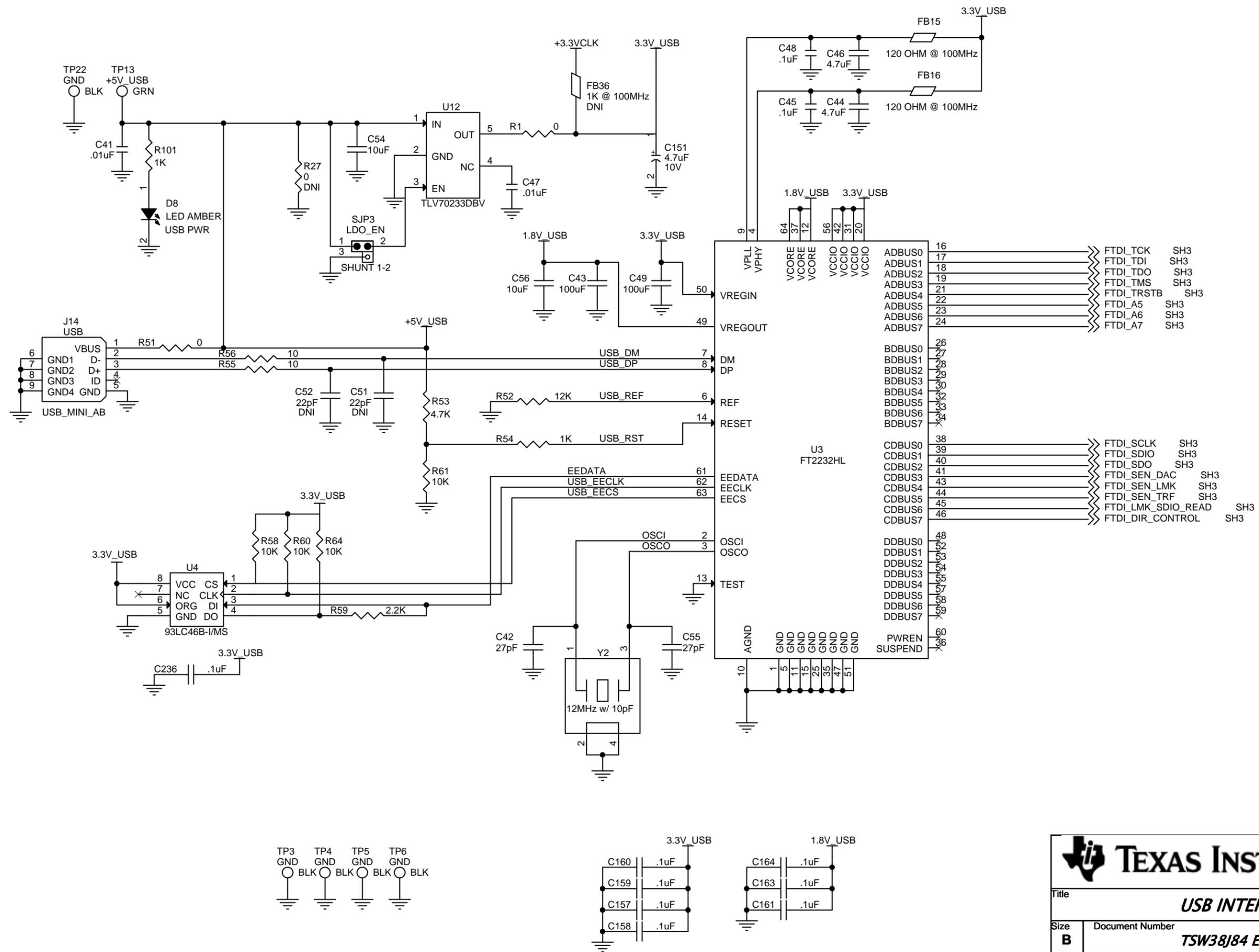


 TEXAS INSTRUMENTS		
Title BLOCK DIAGRAM		
Size B	Document Number TSW38J84 EVM	Rev B
Date: Thursday, April 03, 2014 Sheet 1 of 14		

Drawn: JV SMITH 02/13
 Engineer: M GUIBORD 02/13

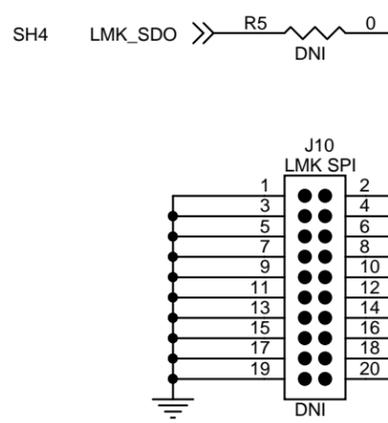
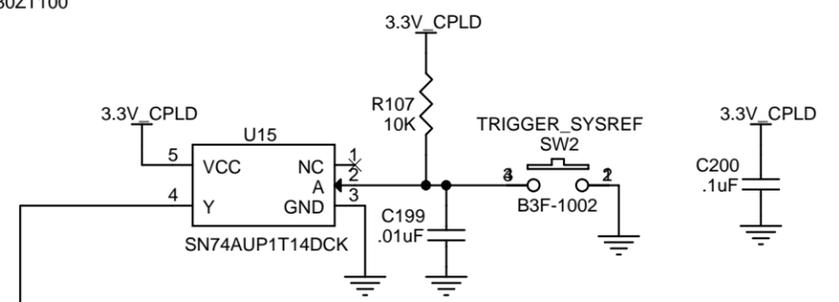
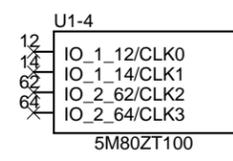
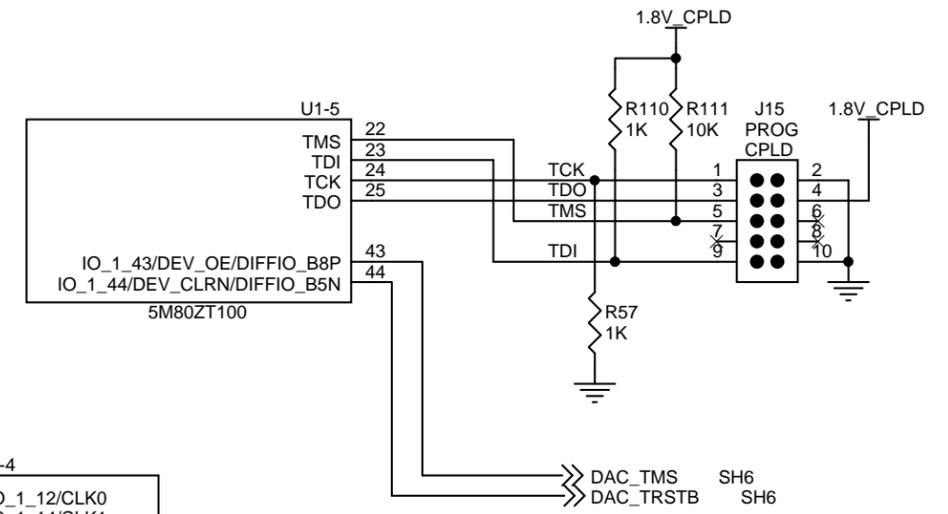
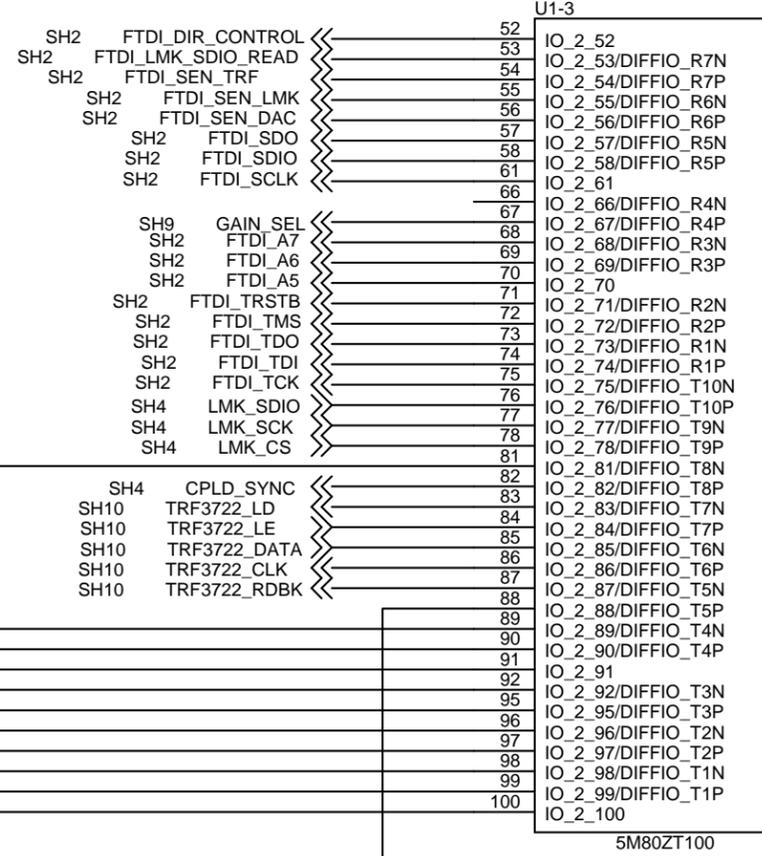
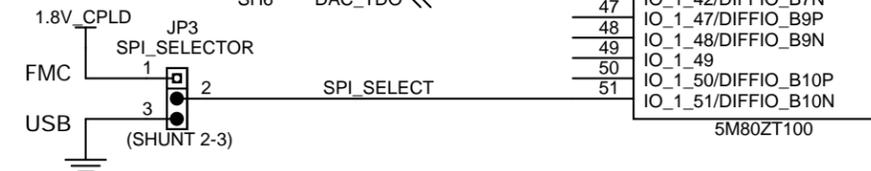
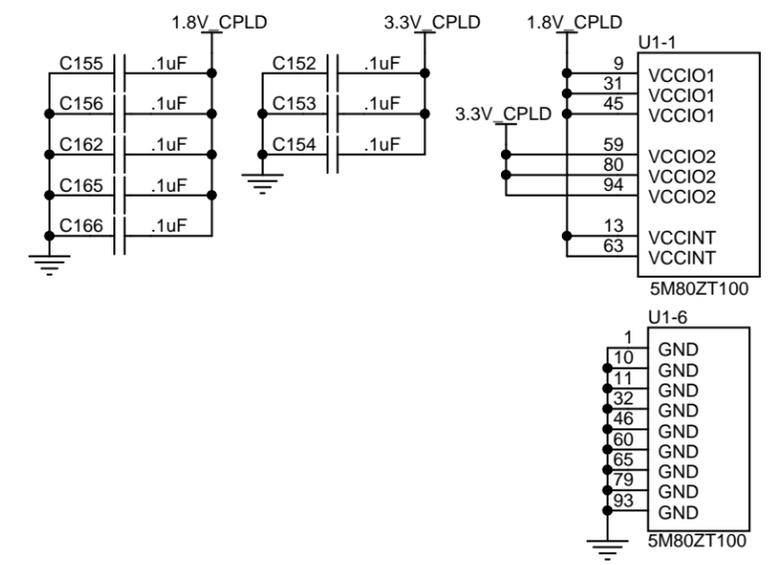
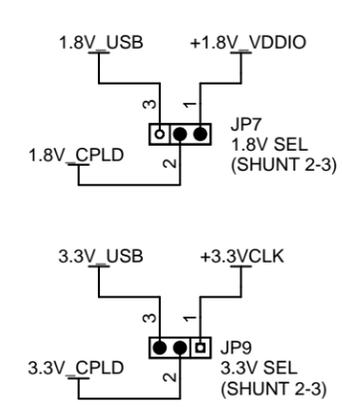
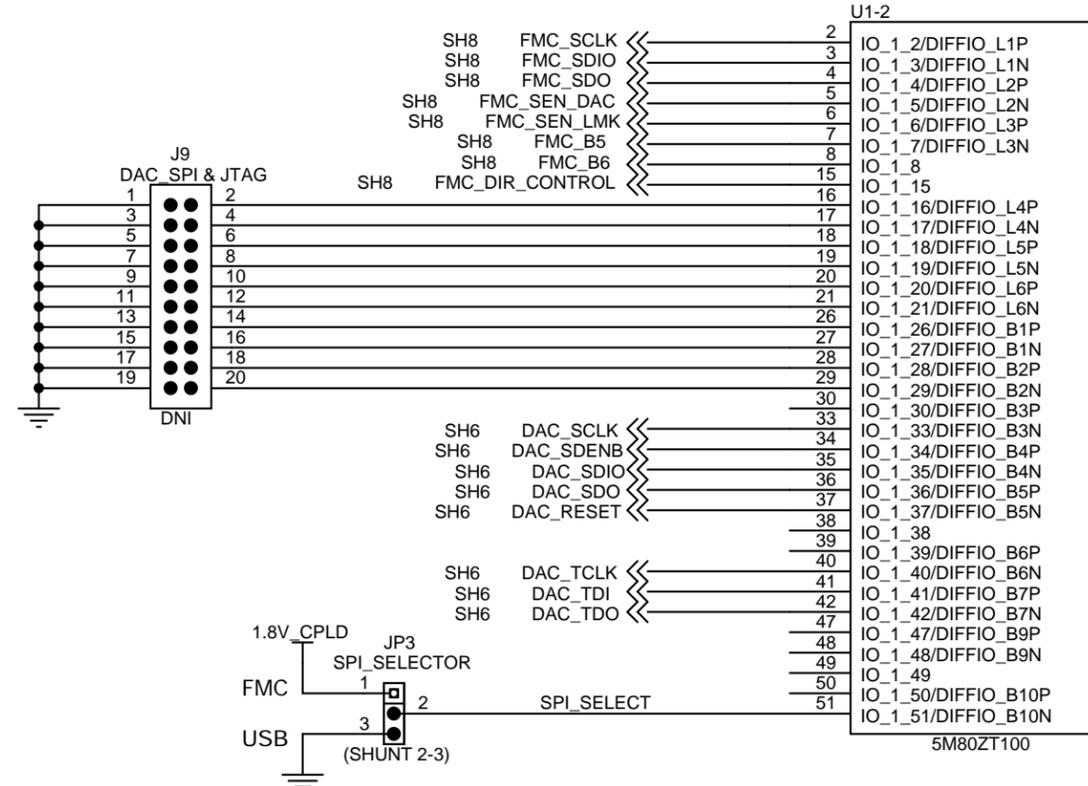


TEXAS INSTRUMENTS

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Size: B	Document Number: TSW38J84 EVM	Rev: B
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Date: Thursday, April 03, 2014 Sheet 2 of 14

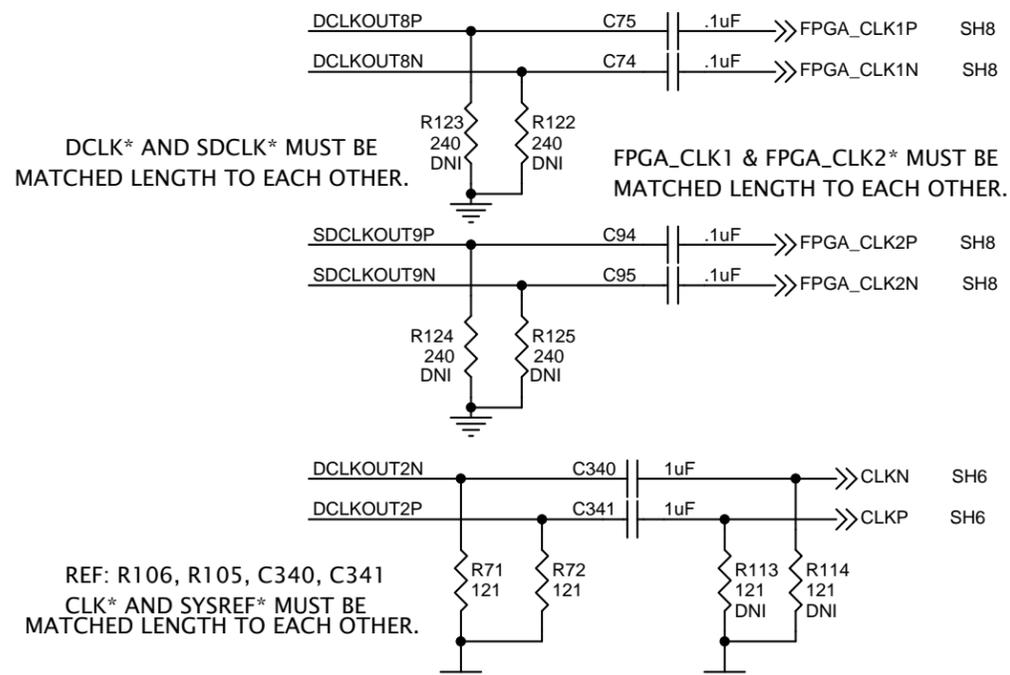


TEXAS INSTRUMENTS

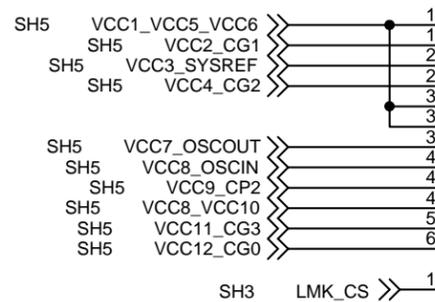
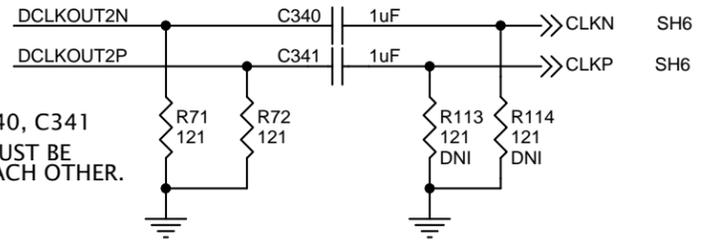
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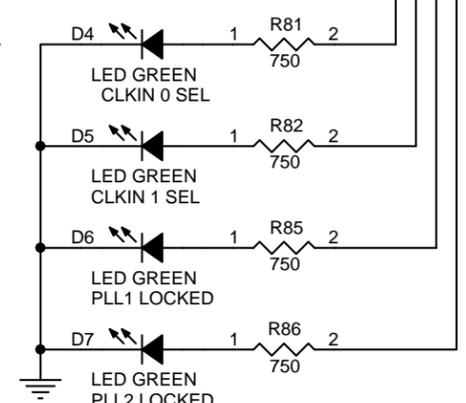
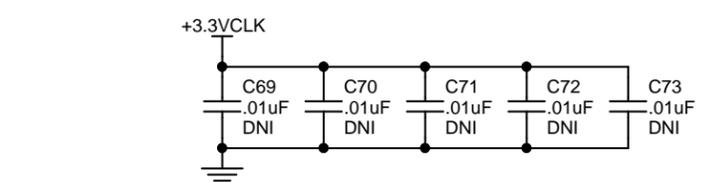
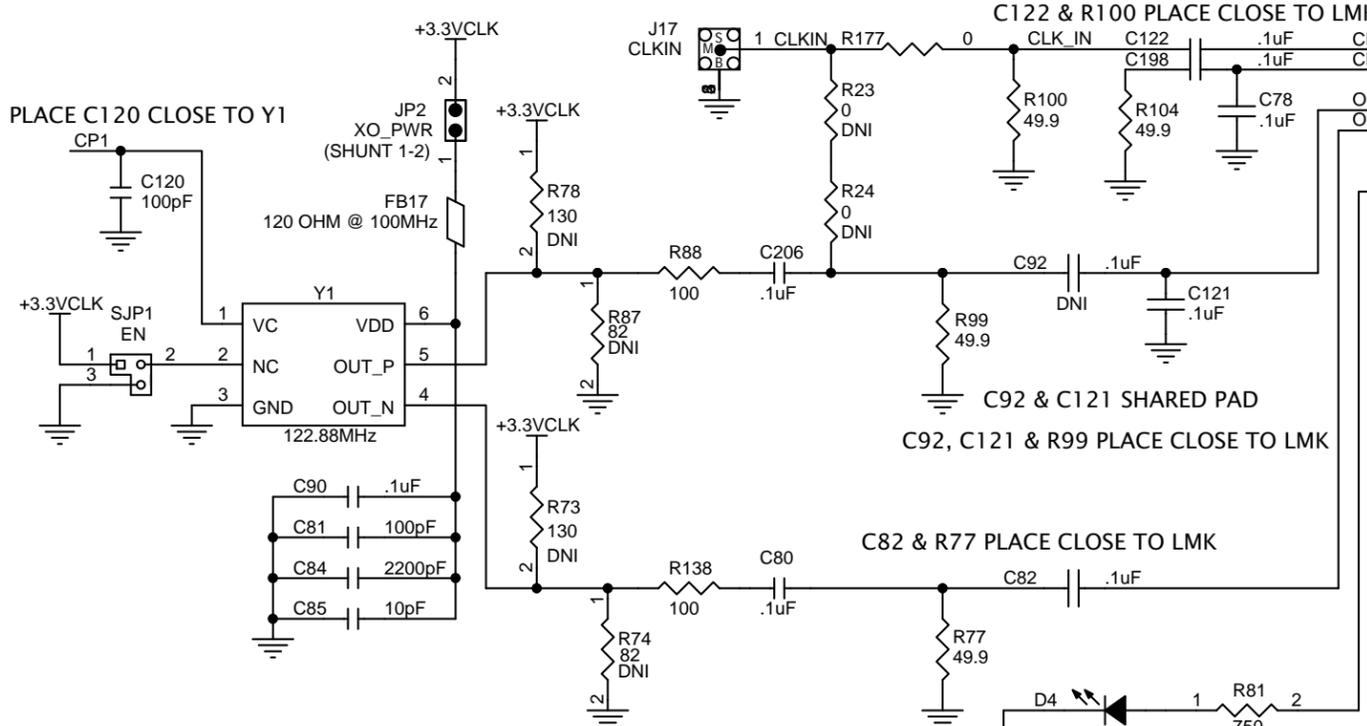
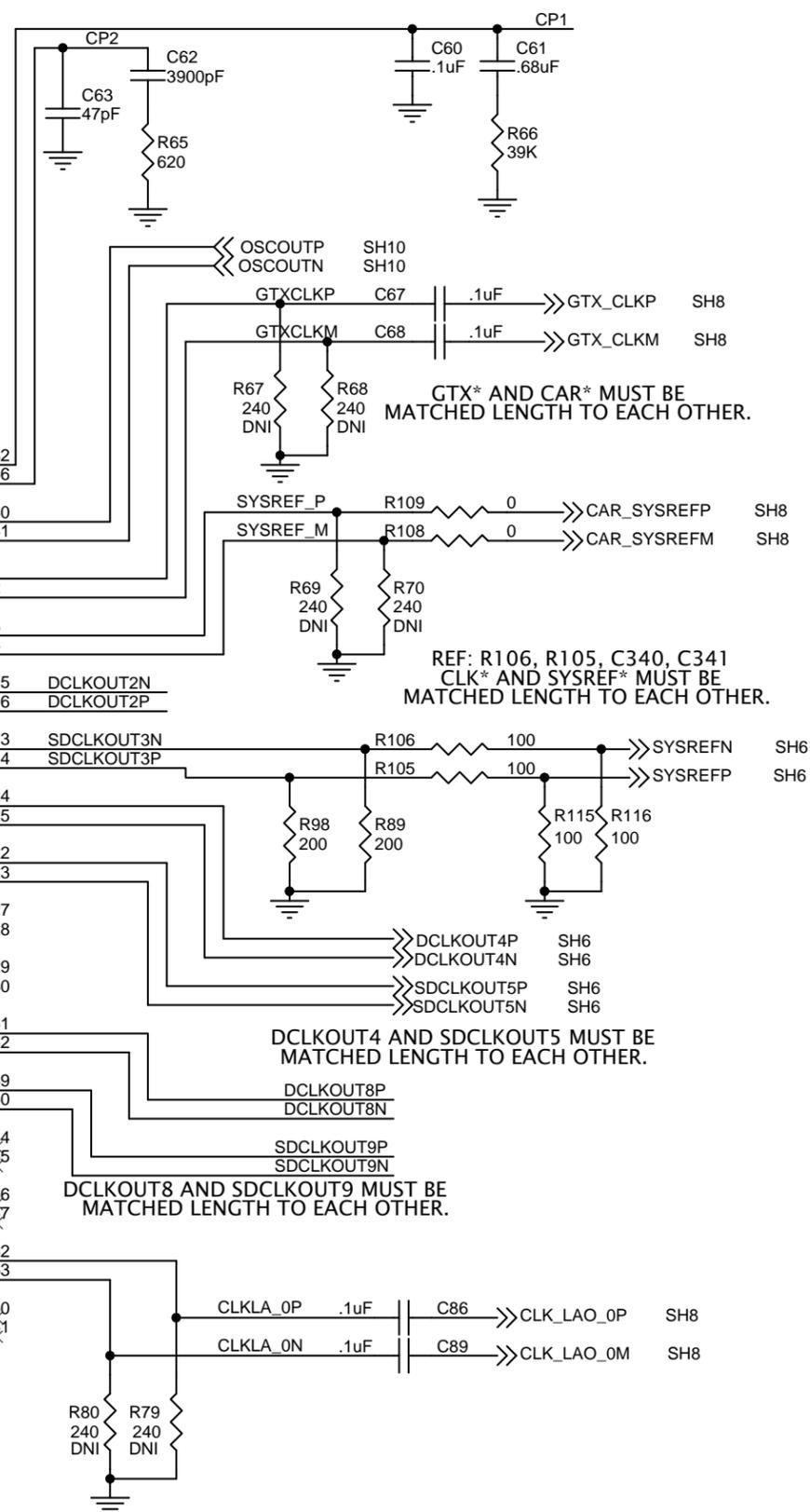
Date: Thursday, April 03, 2014 | Sheet 3 of 14



REF: R106, R105, C340, C341
CLK* AND SYSREF* MUST BE MATCHED LENGTH TO EACH OTHER.



PLACE ALL RESISTORS CLOSE TO LMK



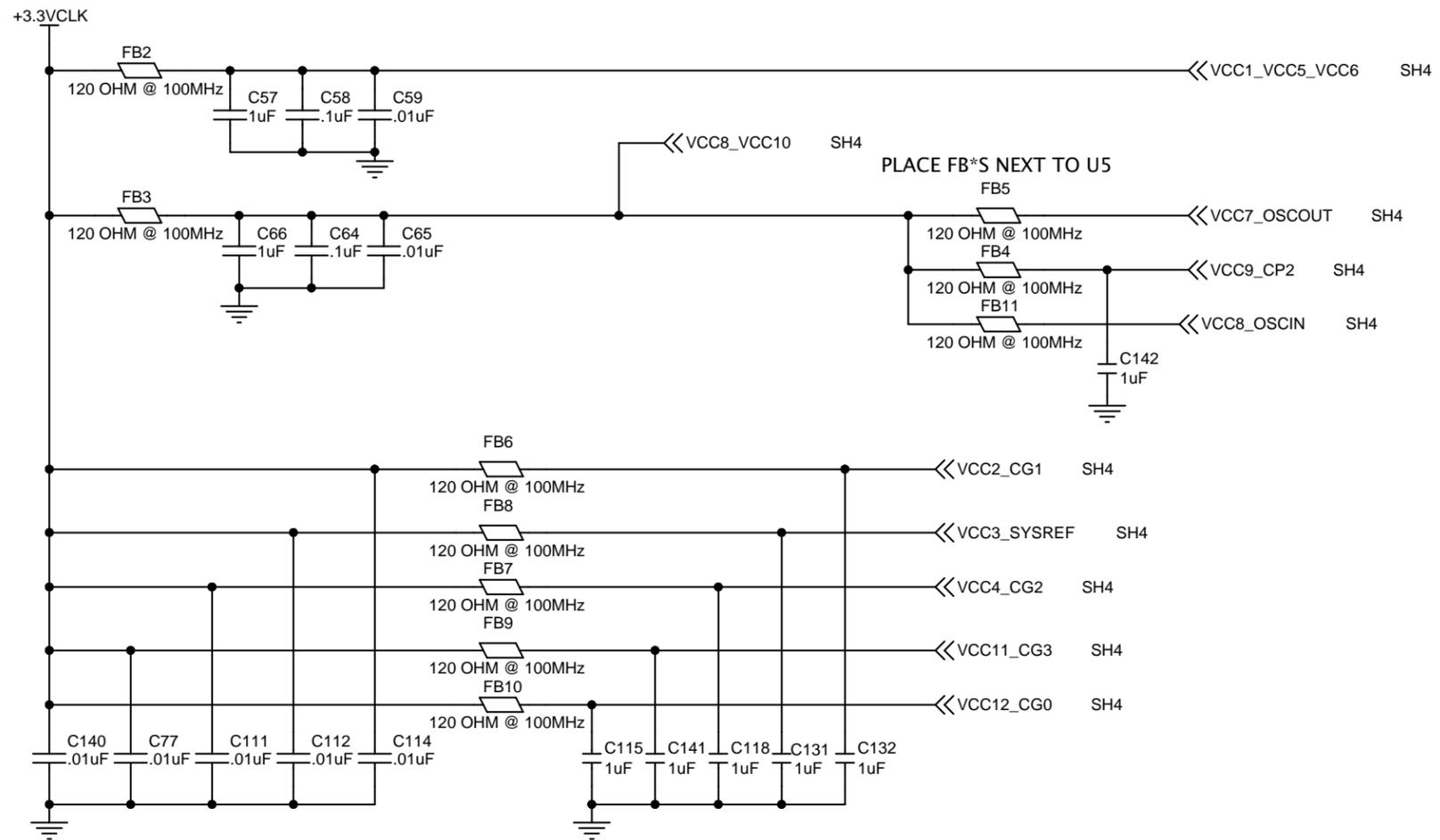
TEXAS INSTRUMENTS

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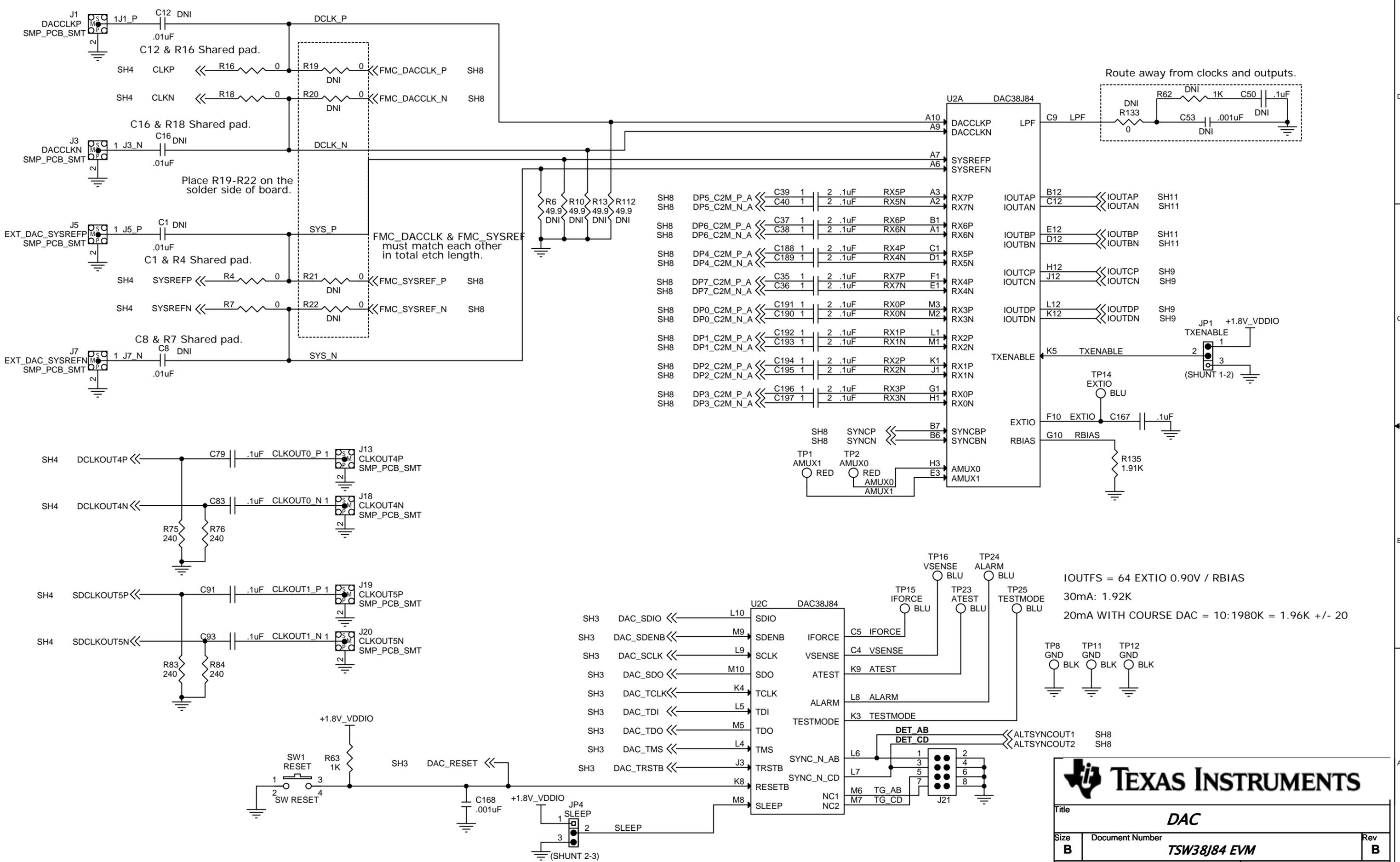
CLOCK

Size **B** Document Number **TSW38J84 EVM** Rev **B**

Date: Thursday, April 03, 2014 Sheet 4 of 14



Title		
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Size	Document Number	Rev
B	TSW38J05 EVM	B
Date: Thursday, April 03, 2014 Sheet 5 of 14		

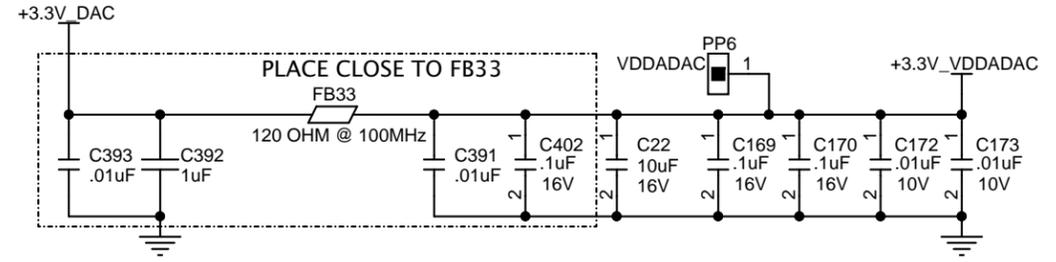
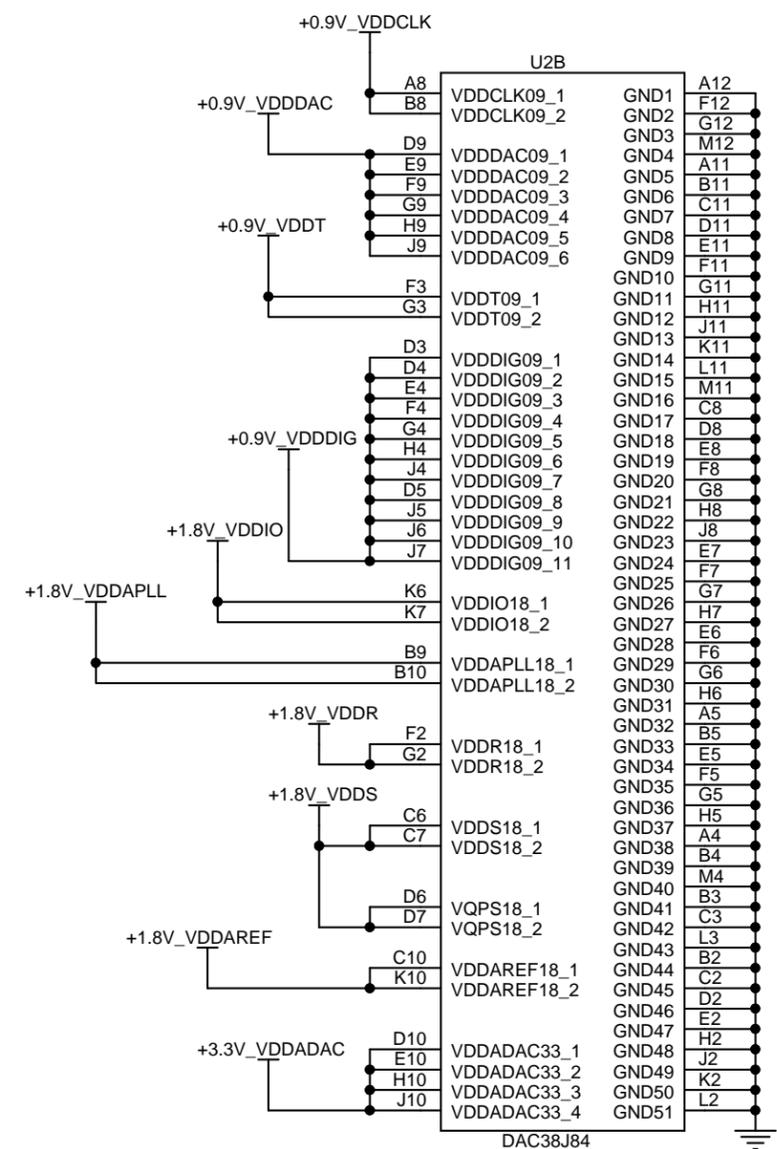
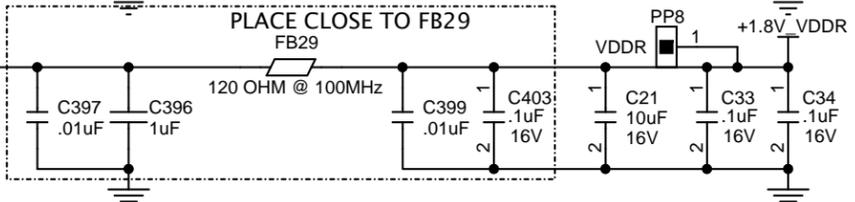
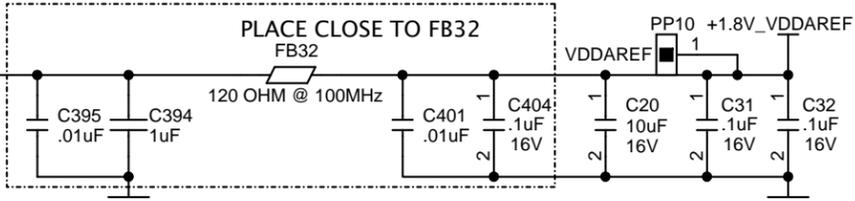
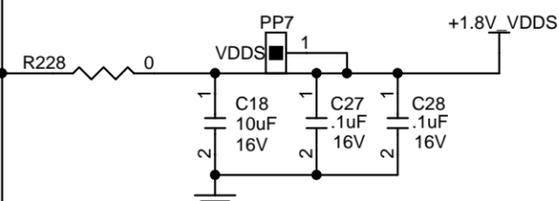
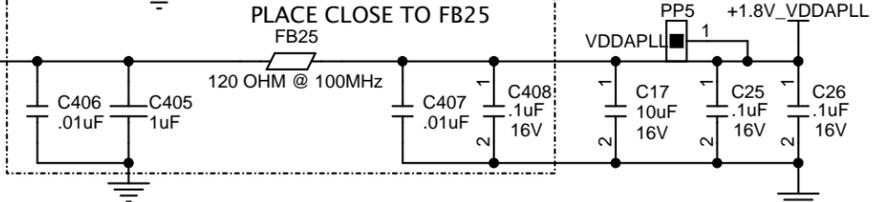
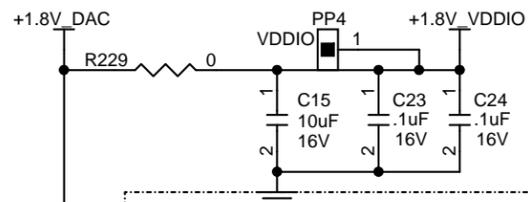
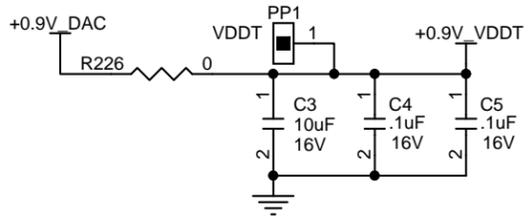
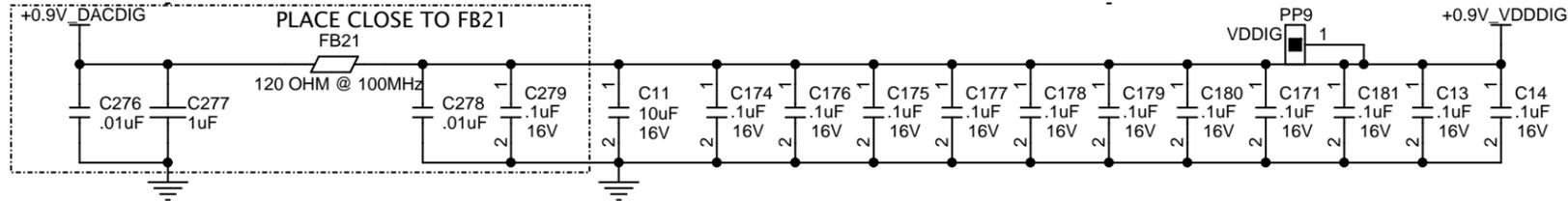
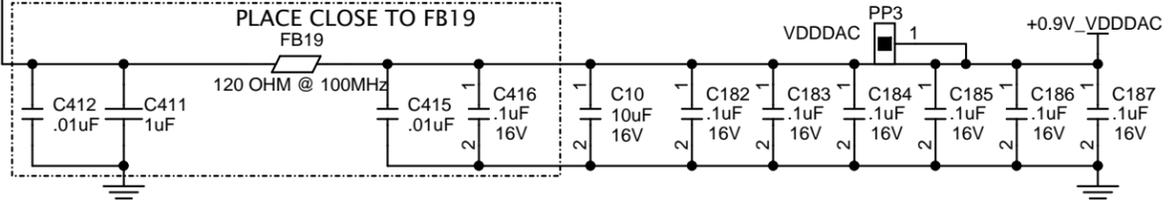
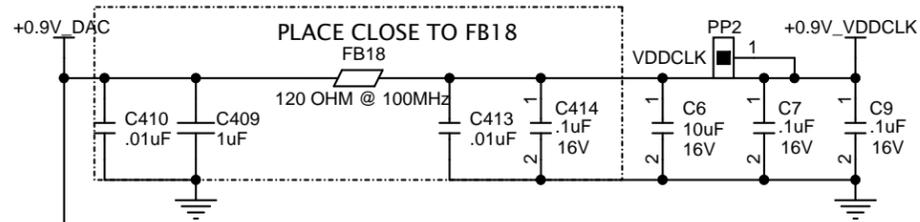


TEXAS INSTRUMENTS

Title: **DAC**

Size: **B** Document Number: **TSW38J84 EVM** Rev: **B**

Date: Thursday, April 03, 2014 Sheet 6 of 14



TEXAS INSTRUMENTS

Title: **DAC**

Size: **B**

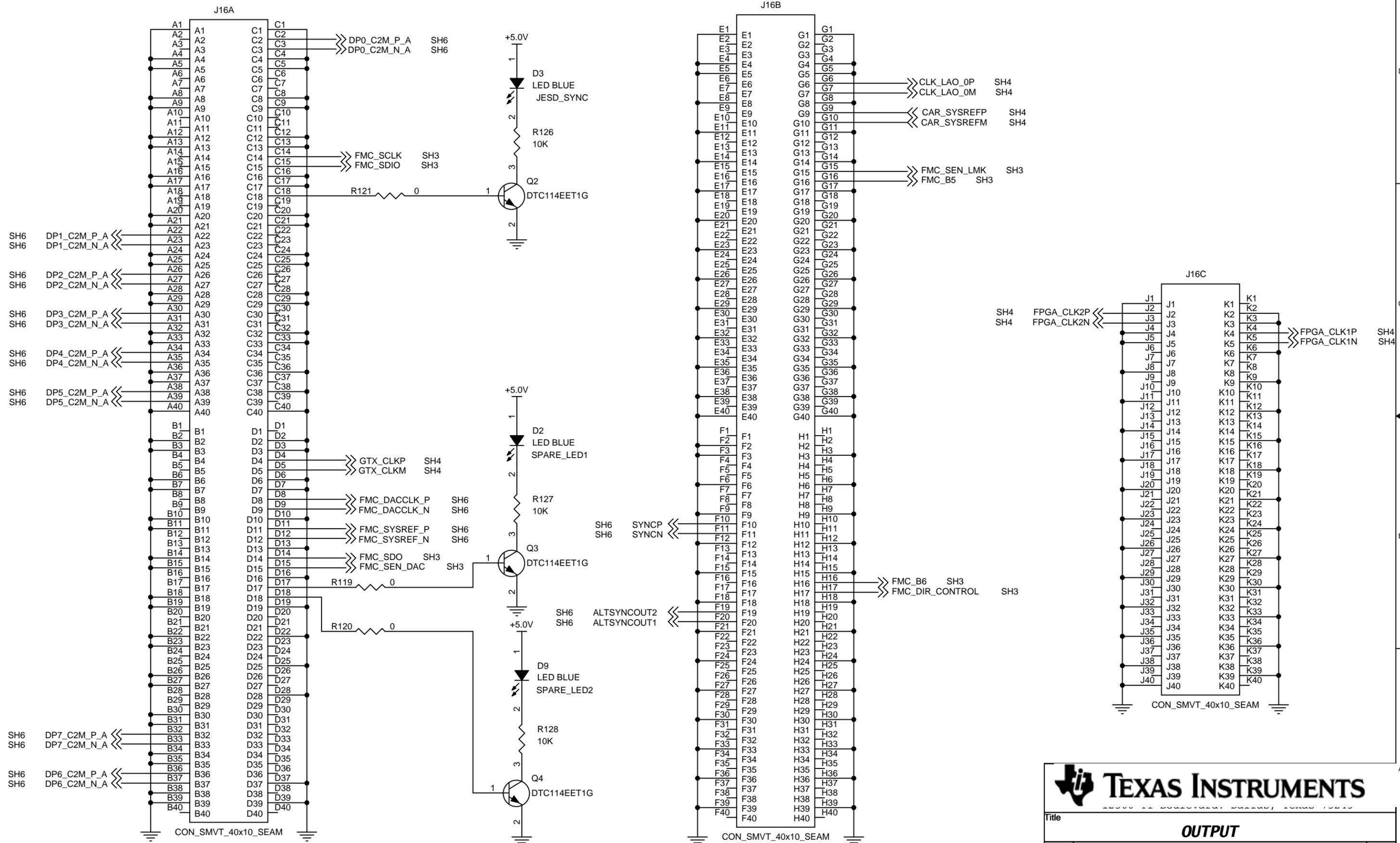
Document Number: **TSW38J84 EVM**

Date: **Wednesday, August 27, 2014**

Rev: **B**

Sheet: **7** of **14**

MATES W/ XILINX FMC CONNECTOR - J22

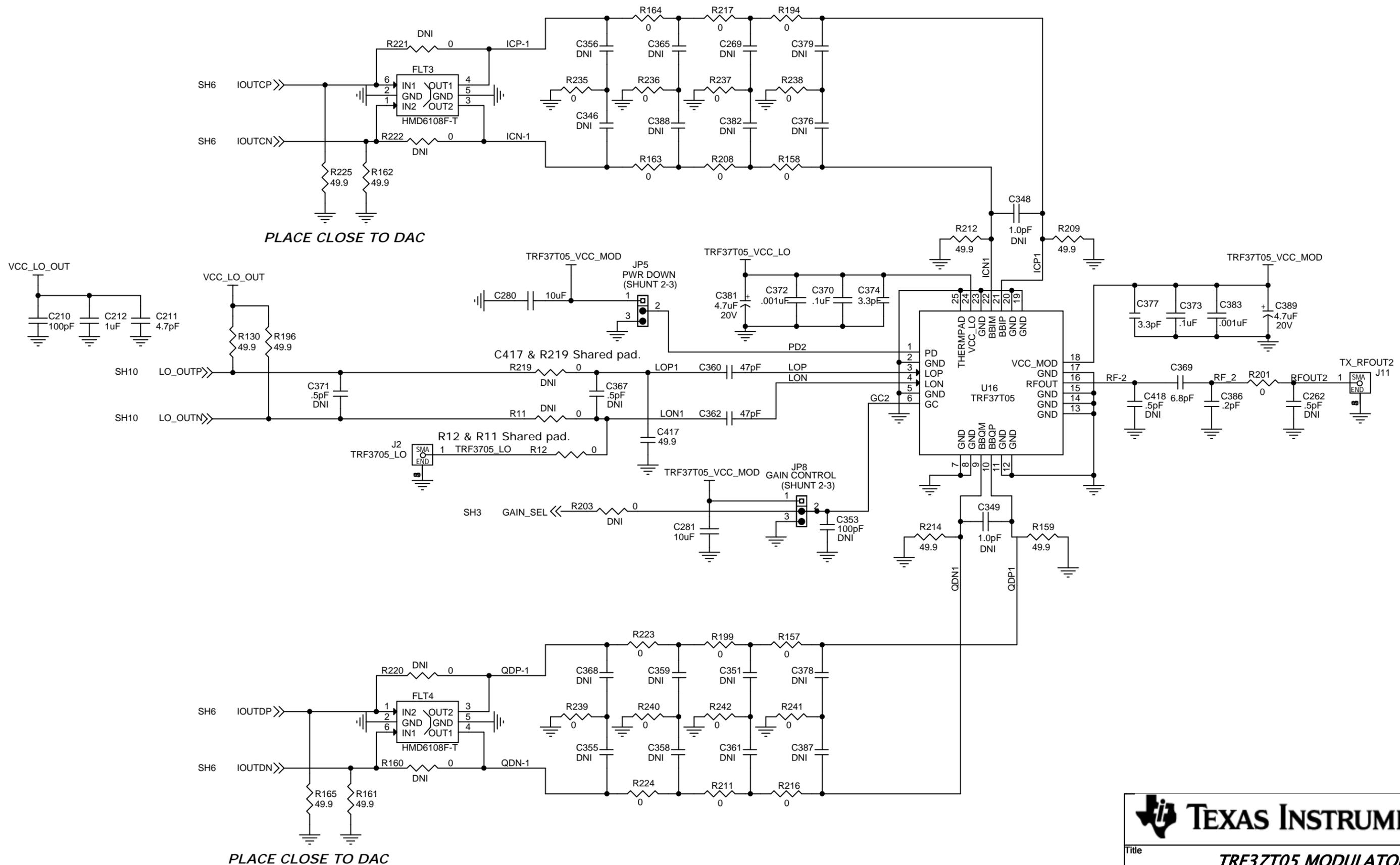


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Title: **OUTPUT**

Size: **B** | Document Number: **TSW38J84 EVM** | Rev: **B**

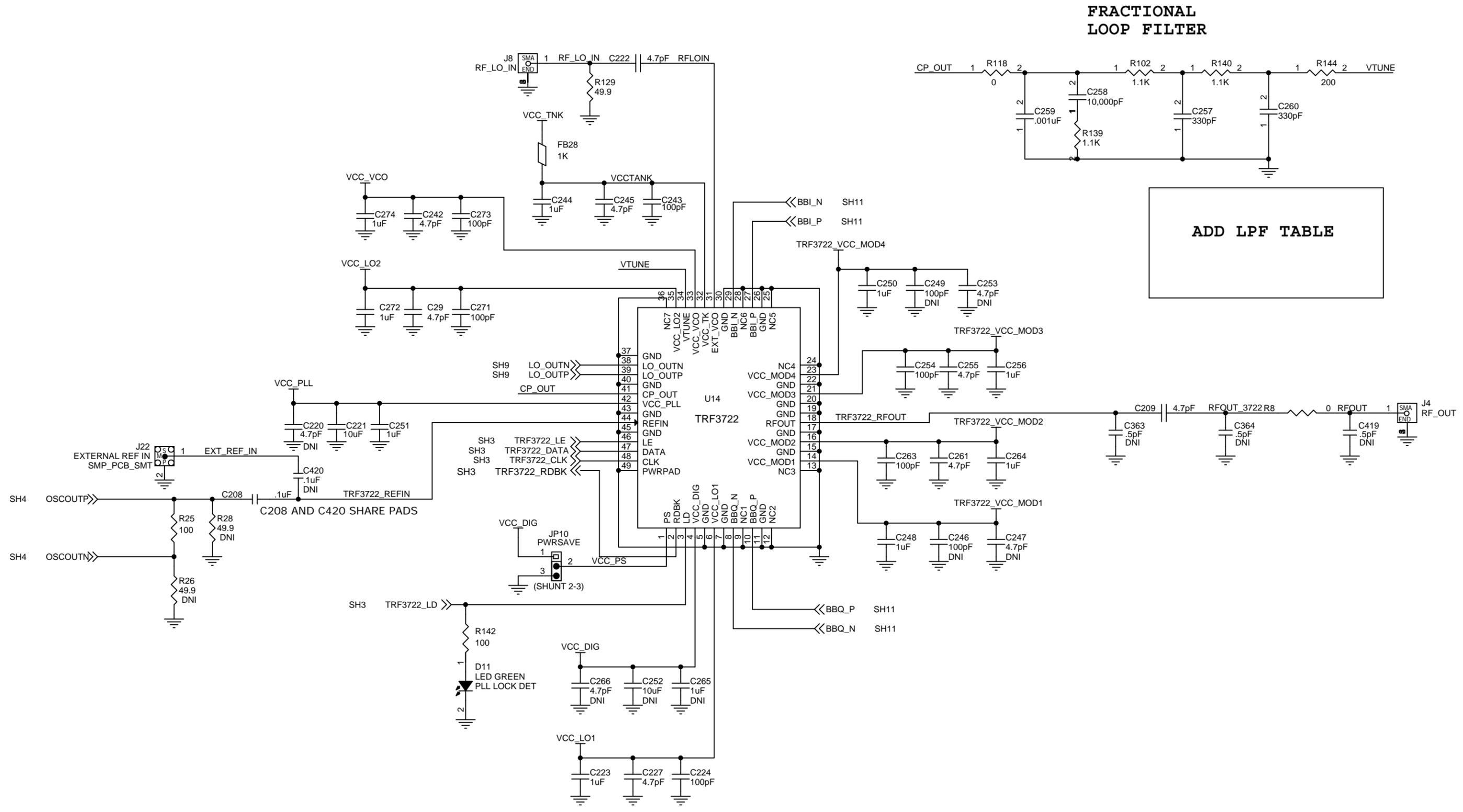
Date: **Thursday, April 03, 2014** | Sheet: **8** of **14**



PLACE CLOSE TO DAC

PLACE CLOSE TO DAC

 TEXAS INSTRUMENTS		
Title <i>TRF37T05 MODULATOR</i>		
Size B	Document Number <i>TSW38J84 EVM</i>	Rev B
Date: Friday, August 29, 2014 Sheet 9 of 14		

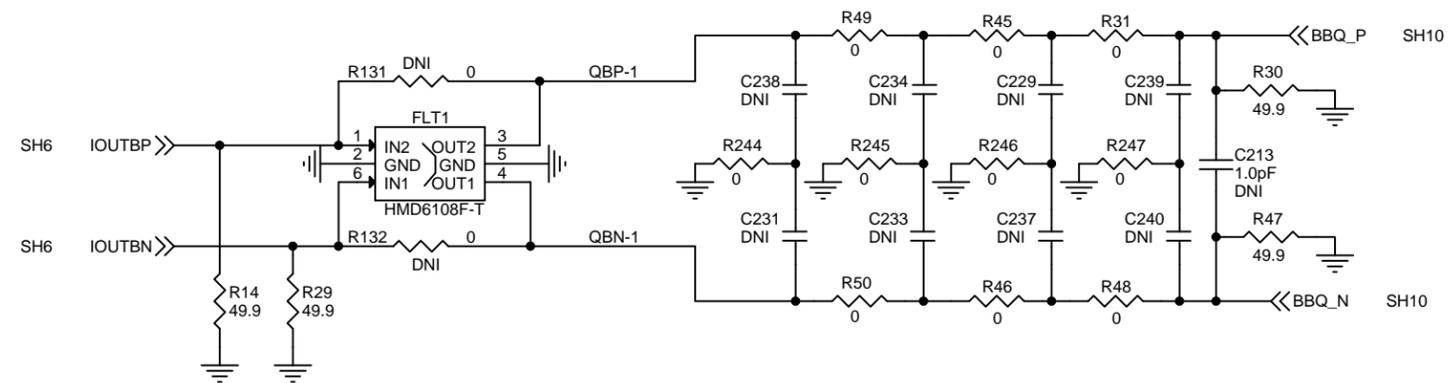
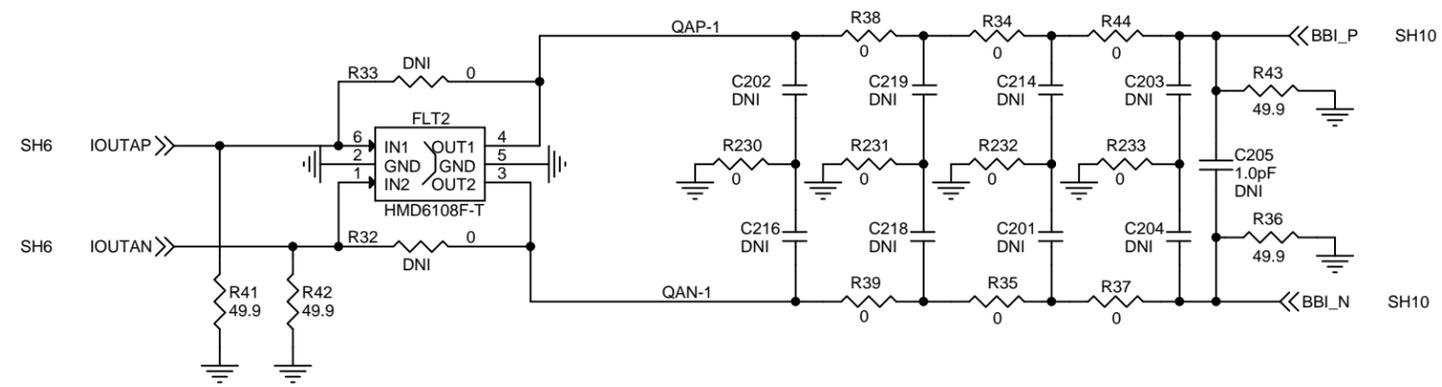


FRACTIONAL LOOP FILTER

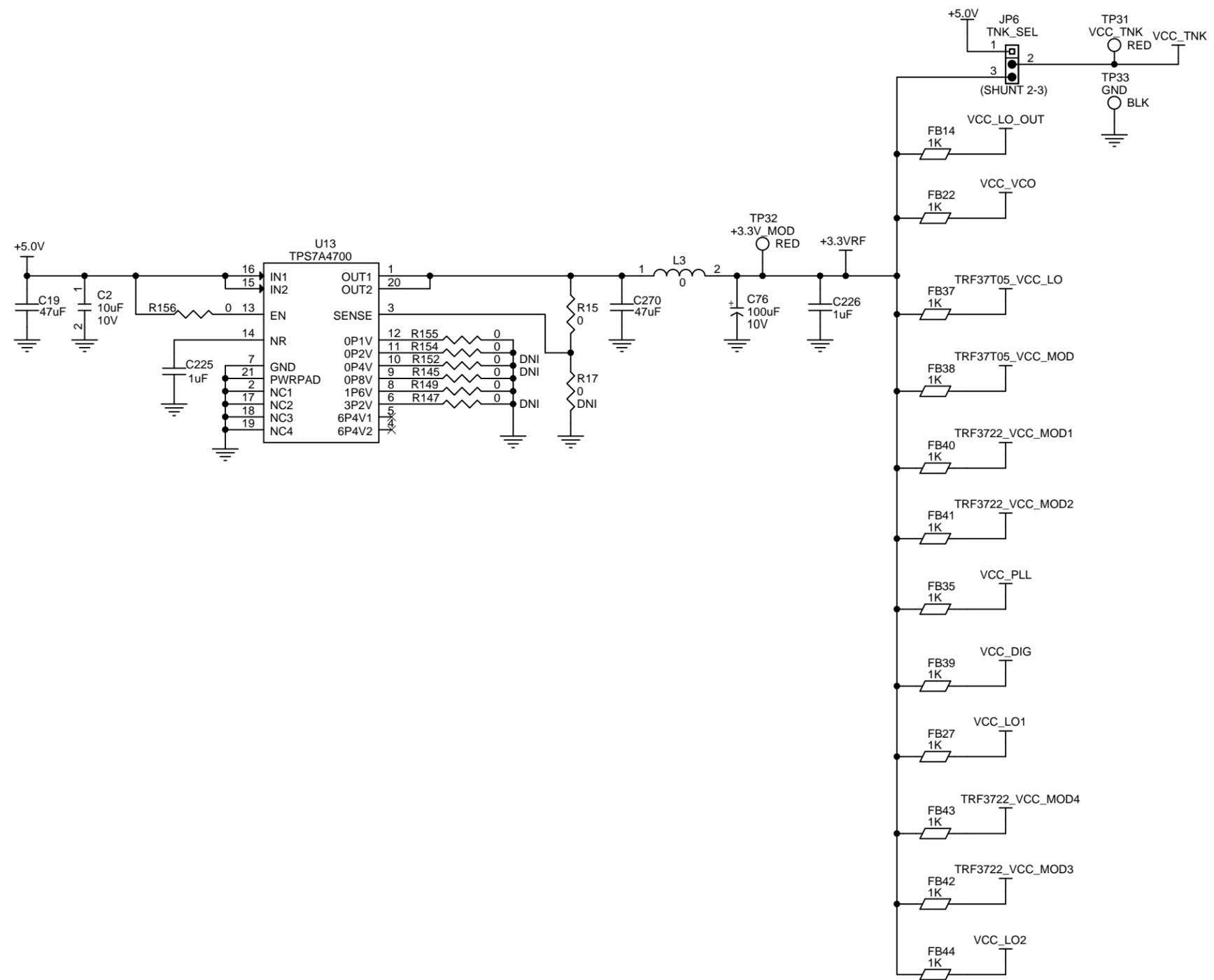
ADD LPF TABLE



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Size	Document Number	Rev
B	TSW38J84 EVM	B
Date:	Wednesday, August 27, 2014	
Sheet	10 of 14	

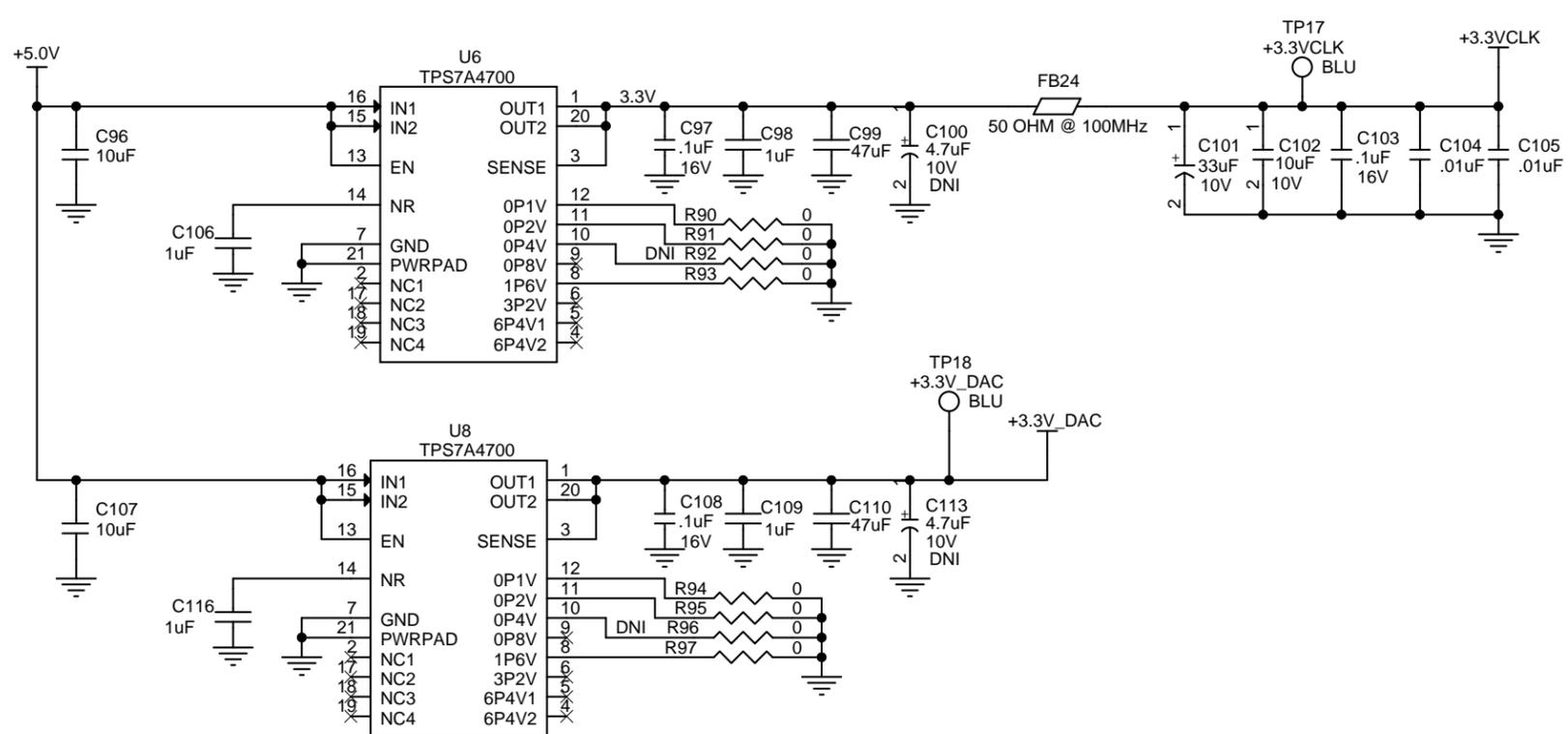
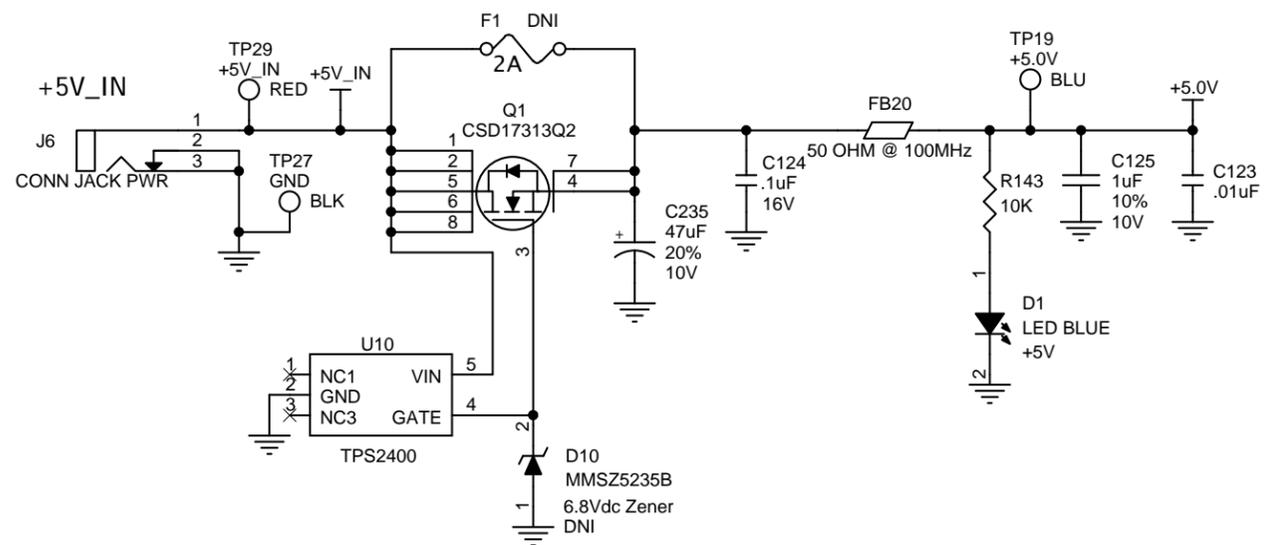


NOTE 1:
Place as close to the modulator as possible

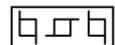


TEXAS INSTRUMENTS

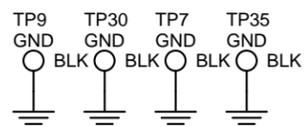
Title MODULATOR PWR		
Size B	Document Number TSW38J84 EVM	Rev B
Date: Wednesday, August 27, 2014 Sheet 12 of 14		



BARE BOARD, TSW38J84



- | | | | |
|---|---|---|---|
| <p>MT1
STANDOFF, FEMALE, 4-40 x 1 3/16"</p> <p>MT2
STANDOFF, FEMALE, 4-40 x 1 3/16"</p> <p>MT3
STANDOFF, FEMALE, 4-40 x 1 3/16"</p> <p>MT4
STANDOFF, FEMALE, 4-40 x 1 3/16"</p> | <p>SCREW, PHIL, 4-40x3/4", SS</p> <p>SCREW, PHIL, 4-40x3/4", SS</p> <p>SCREW, PHIL, 4-40x3/4", SS</p> <p>SCREW, PHIL, 4-40x3/4", SS</p> | <p>MT5
STANDOFF, FEMALE, 4-40 x 1 3/16"</p> <p>MT6
STANDOFF, FEMALE, 4-40 x 1 3/16"</p> <p>MT7
STANDOFF, FEMALE, 4-40 x 1 3/16"</p> <p>MT8
STANDOFF, FEMALE, 4-40 x 1 3/16"</p> | <p>SCREW, PHIL, 4-40x3/4", SS</p> <p>SCREW, PHIL, 4-40x3/4", SS</p> <p>SCREW, PHIL, 4-40x3/4", SS</p> <p>SCREW, PHIL, 4-40x3/4", SS</p> |
|---|---|---|---|



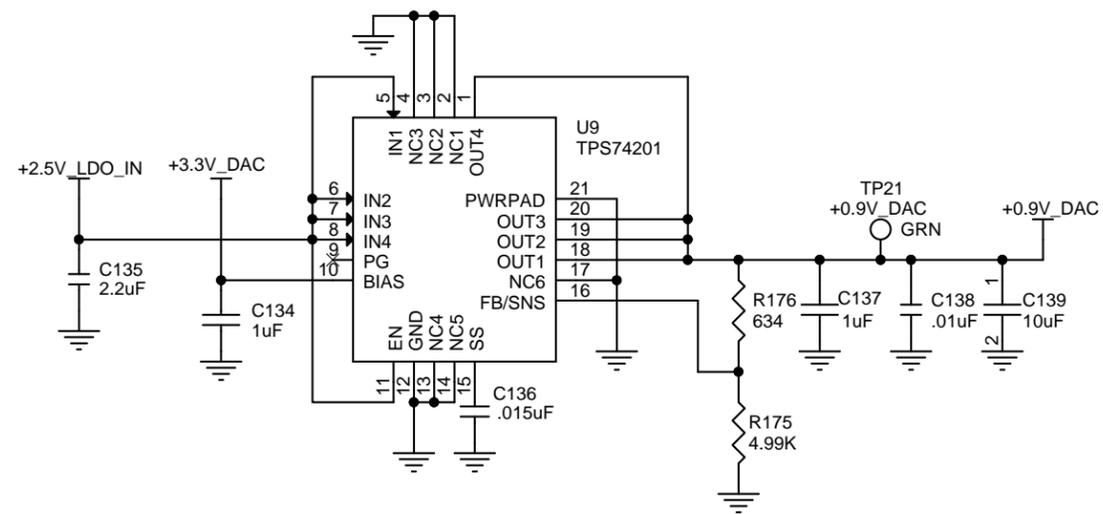
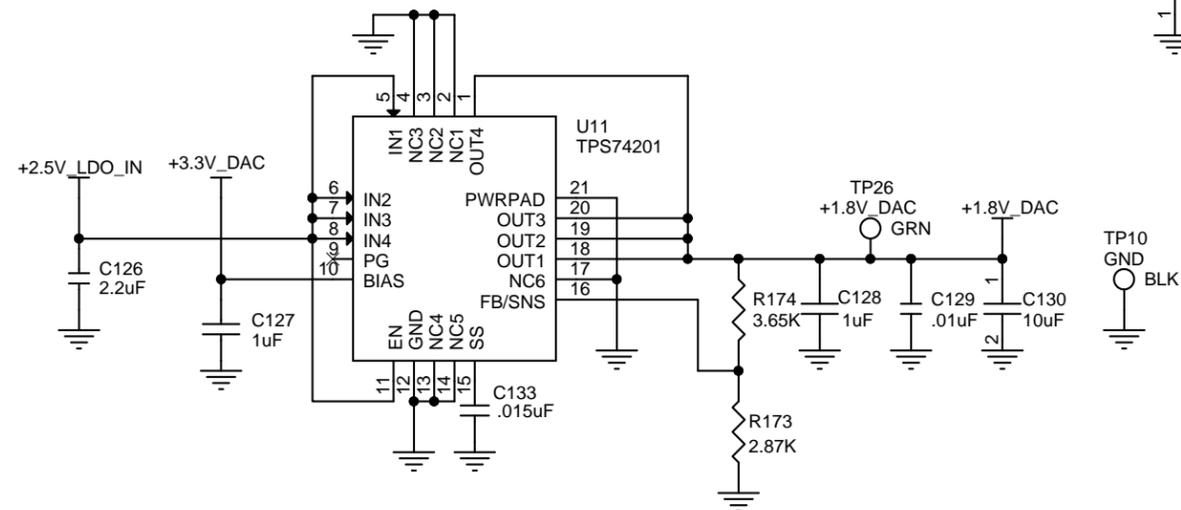
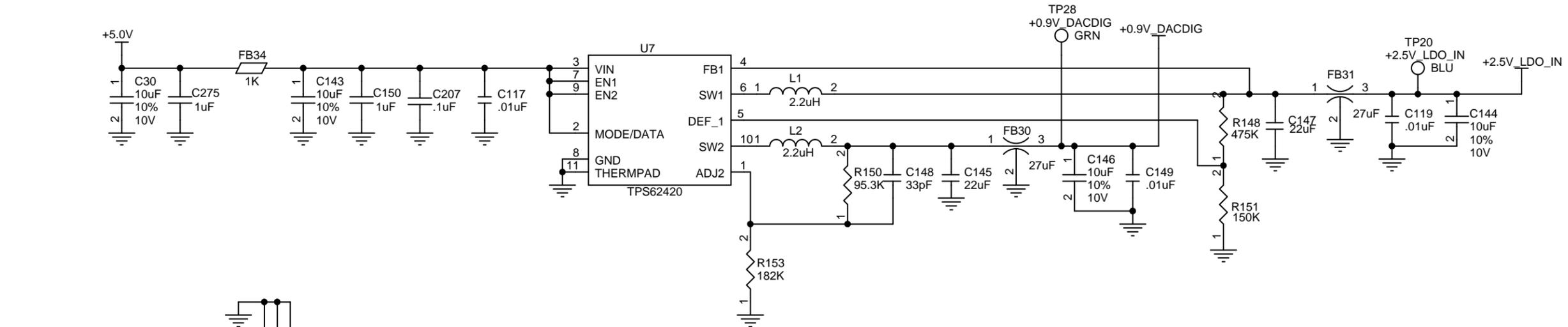
TEXAS INSTRUMENTS

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MAIN POWER

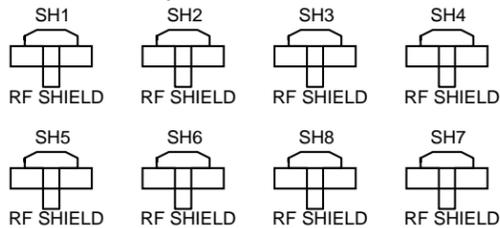
Document Number: **TSW38J84 EVM**

Date: Thursday, April 03, 2014 Sheet 13 of 14



LEADER TECH RF SHIELD P/N SL-11412

QTY - 2 PER BOARD



 TEXAS INSTRUMENTS		
Title 12500 TI Boulevard, Dallas, Texas 75243		
POWER		
Size B	Document Number TSW38J84 EVM	Rev B
Date: Thursday, April 03, 2014 Sheet 14 of 14		