

ADC32XX  
Channel A and B Input  
Sheet 2

ADC32XX  
Sheet 3

Amplifier  
Sheet 4

Clock Input  
Sheet 5

LVDS Outputs  
Sheet 6

Power Supplies  
Sheet 7

USB Interface  
Sheet 8



Title

Engineer: Ken Chan  
PCB: Loan Nguyen

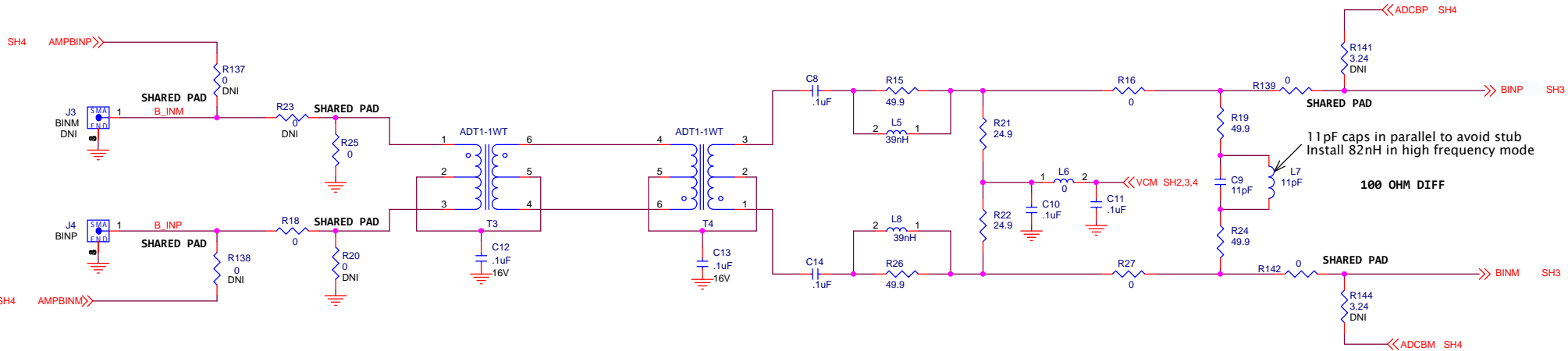
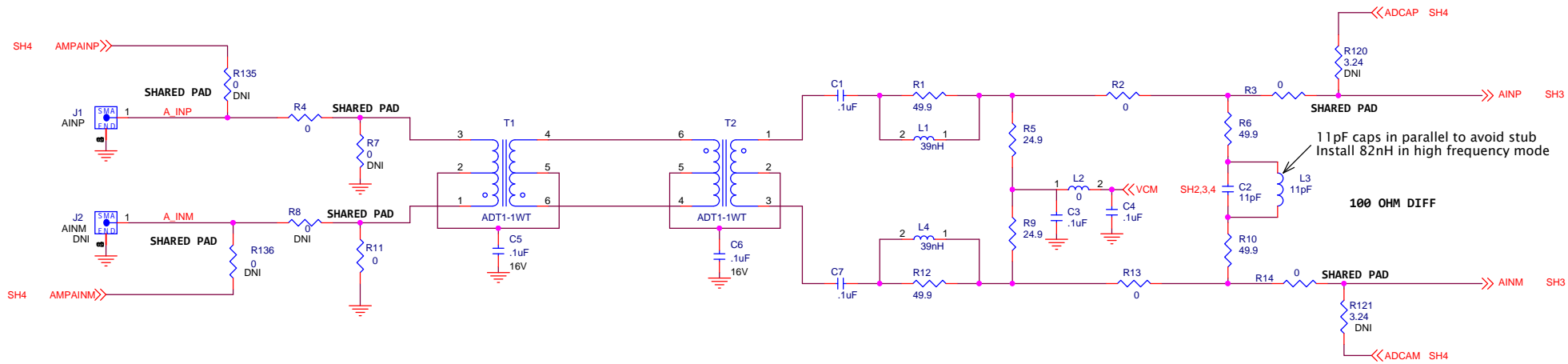
Size  
**B**

Document Number  
**ADC32XX EVM**

Rev  
**C**

Date: Thursday, July 03, 2014

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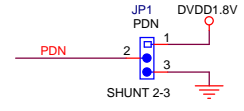
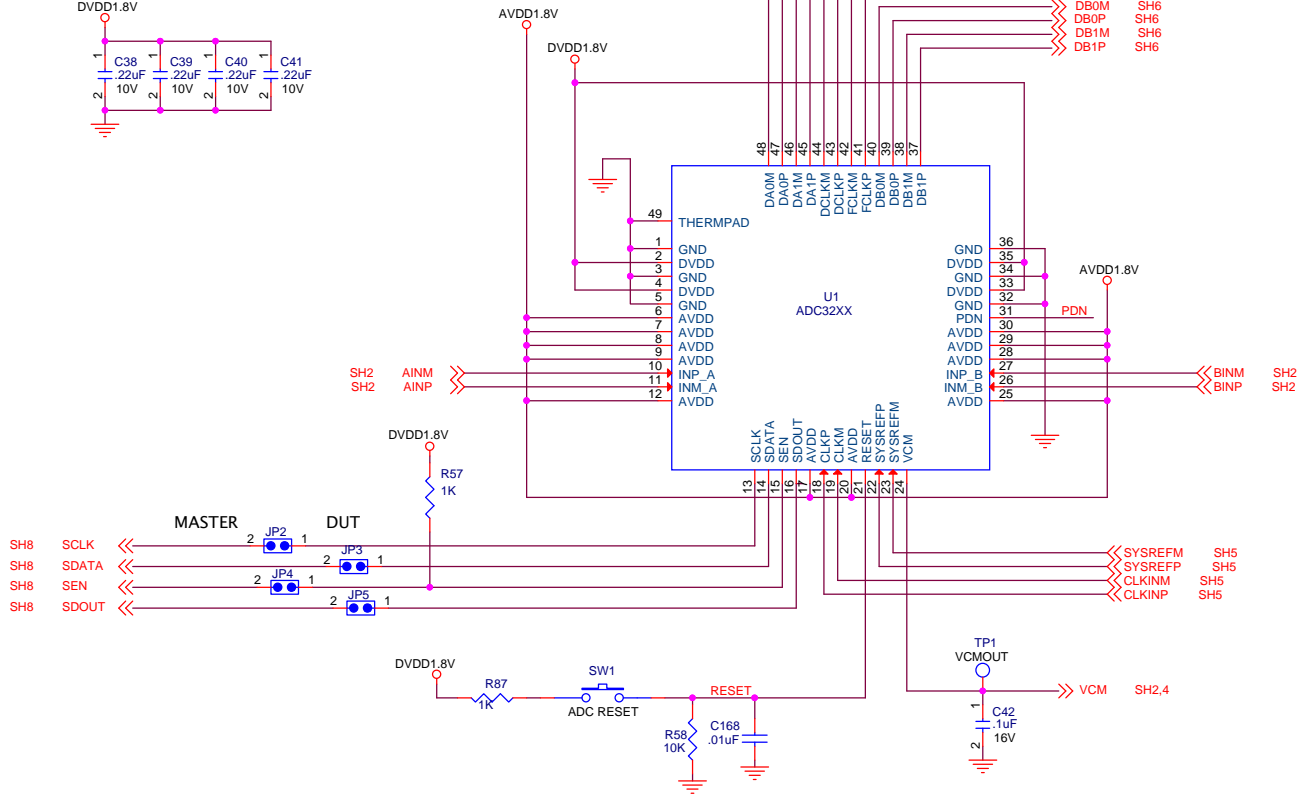
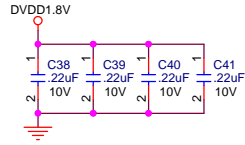
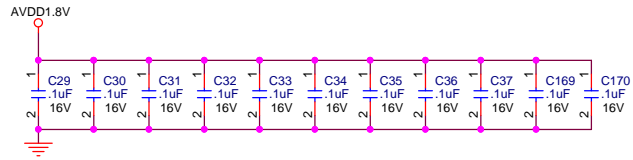


DNI = DO NOT INSTALL

**TEXAS INSTRUMENTS**  
20000012  
**ANALOG IN**  
**ADC32XXEVM**  
 Date: Tuesday, July 15, 2014 Sheet 2 of 8

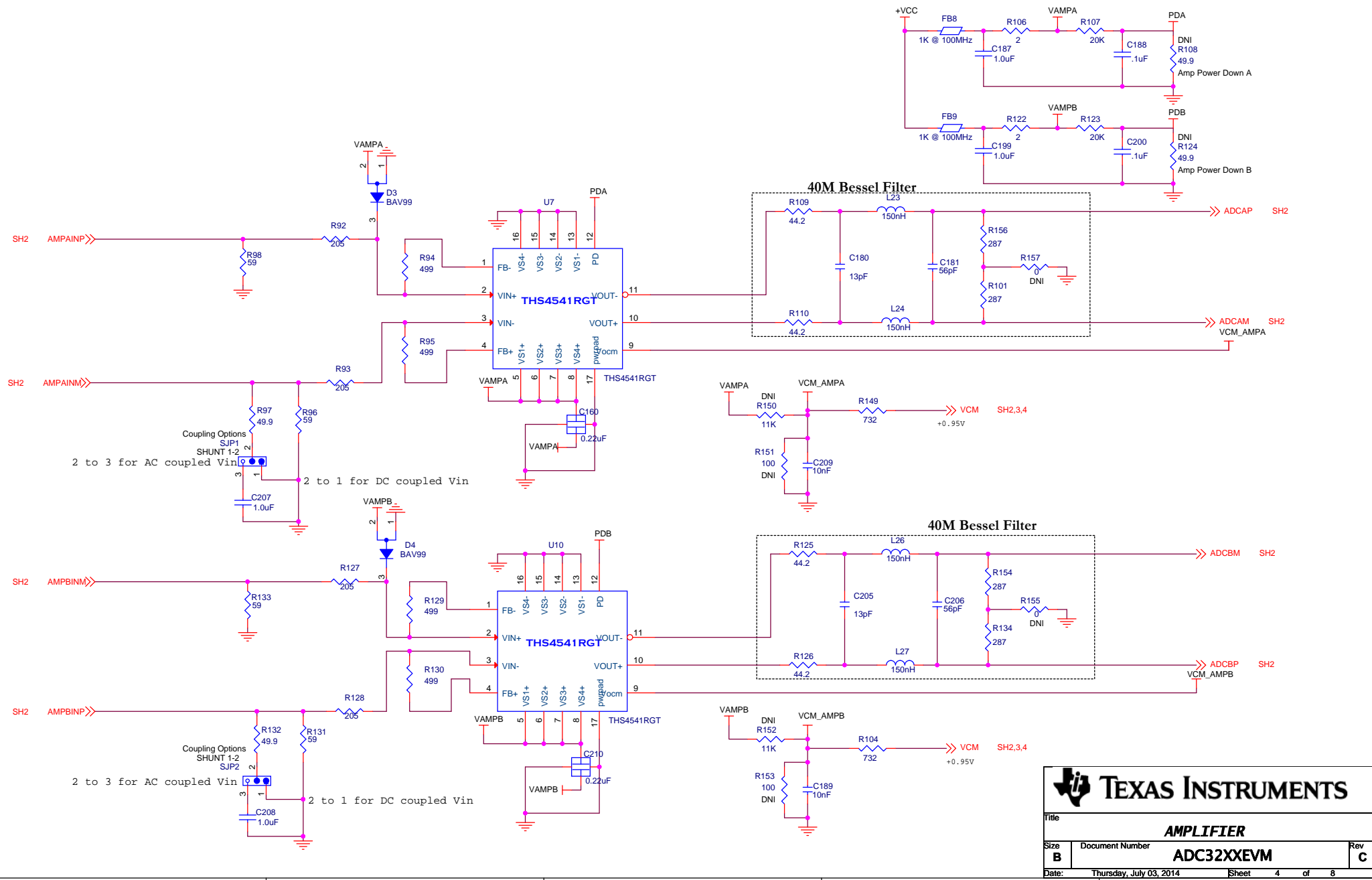
Title		
ANALOG IN		
Size	Document Number	Rev
B	ADC32XXEVM	C
Date:	Tuesday, July 15, 2014	Sheet 2 of 8

DNI = DO NOT INSTALL



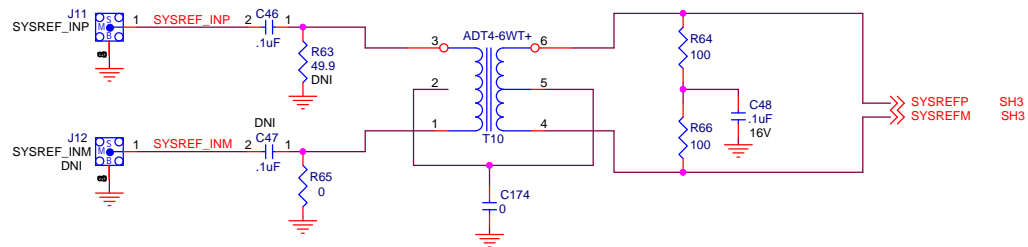
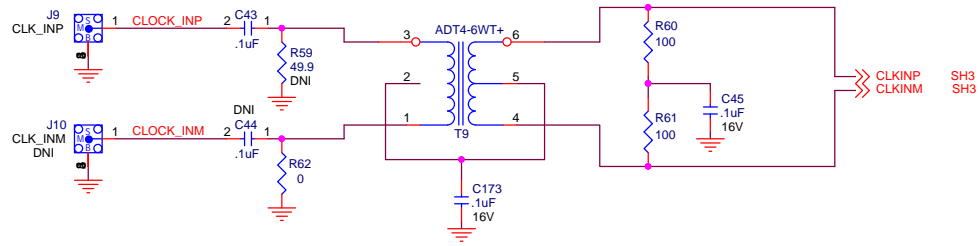
**TEXAS INSTRUMENTS**  
 20000012 - ADC32XXEVM - 0000

Title		
ADC		
Size	Document Number	Rev
B	ADC32XXEVM	C
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**TEXAS INSTRUMENTS**

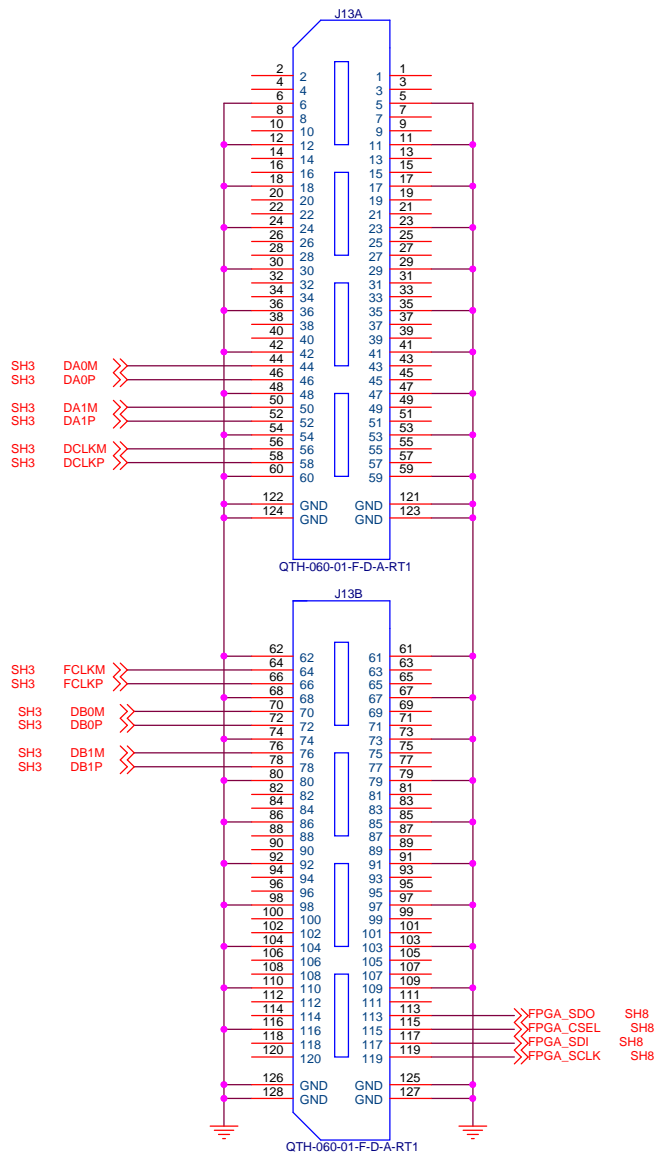
Title		
AMPLIFIER		
Size	Document Number	Rev
B	ADC32XXEVM	C
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**MECHANICAL PARTS**

- |   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| SCREW PANHEAD 4-40 x 3/8  | SCREW PANHEAD 4-40 x 3/8  | SCREW PANHEAD 4-40 x 3/8  | SCREW PANHEAD 4-40 x 3/8  |
|  |  |  |  |
| STANDOFF ALUM HEX 4-40 x .500   | STANDOFF ALUM HEX 4-40 x .500   | STANDOFF ALUM HEX 4-40 x .500   | STANDOFF ALUM HEX 4-40 x .500   |

 <b>TEXAS INSTRUMENTS</b>		
Title <b>CLOCK INPUT</b>		
Size <b>B</b>	Document Number <b>ADC32XXEVM</b>	Rev <b>C</b>
Date: Thursday, July 03, 2014	Sheet 5	of 8

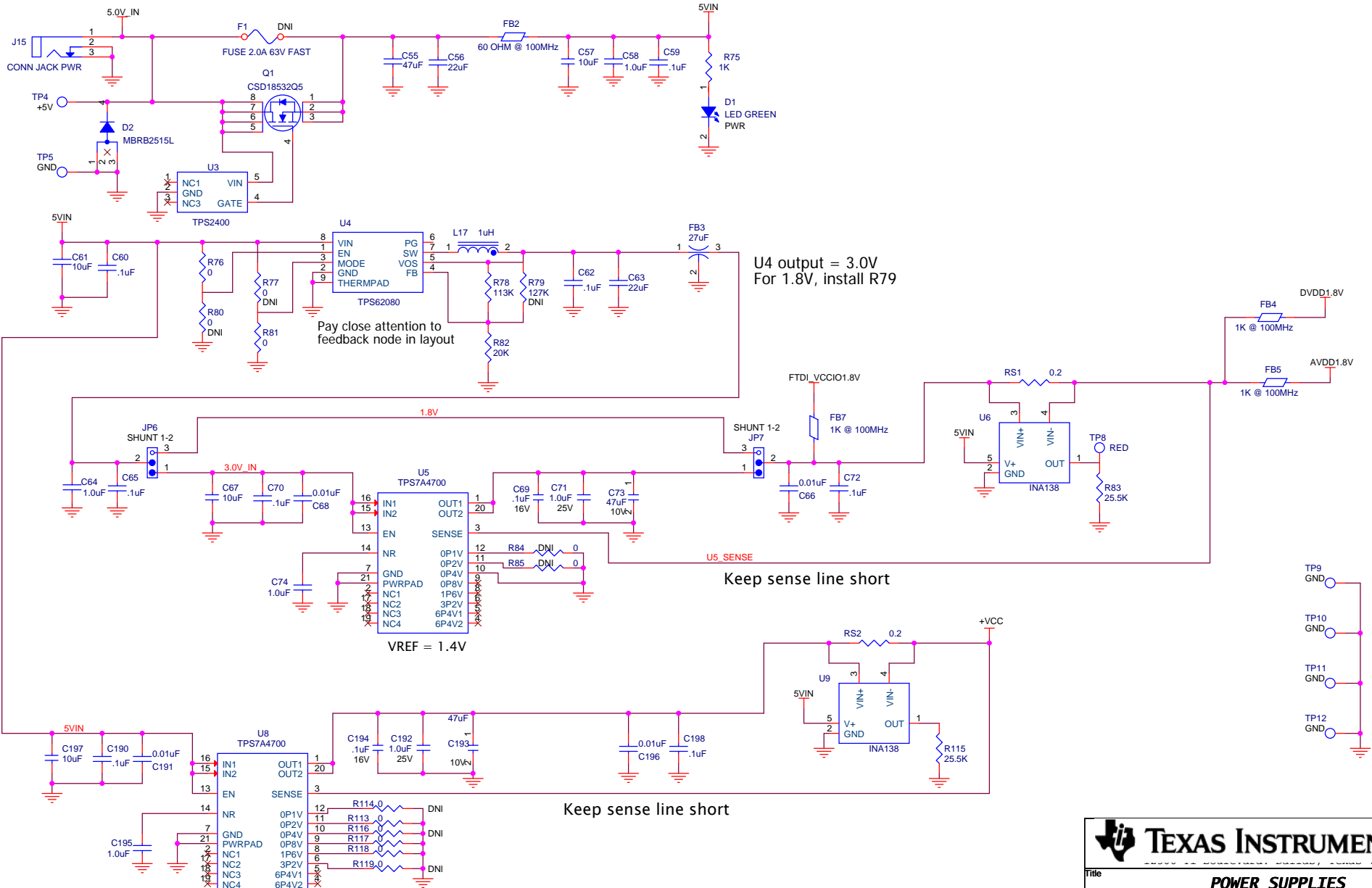


**TEXAS INSTRUMENTS**  
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Title: **OUTPUT**

Size: **B** Document Number: **ADC32XXEVM** Rev: **C**

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U4 output = 3.0V  
For 1.8V, install R79

Pay close attention to feedback node in layout

Keep sense line short

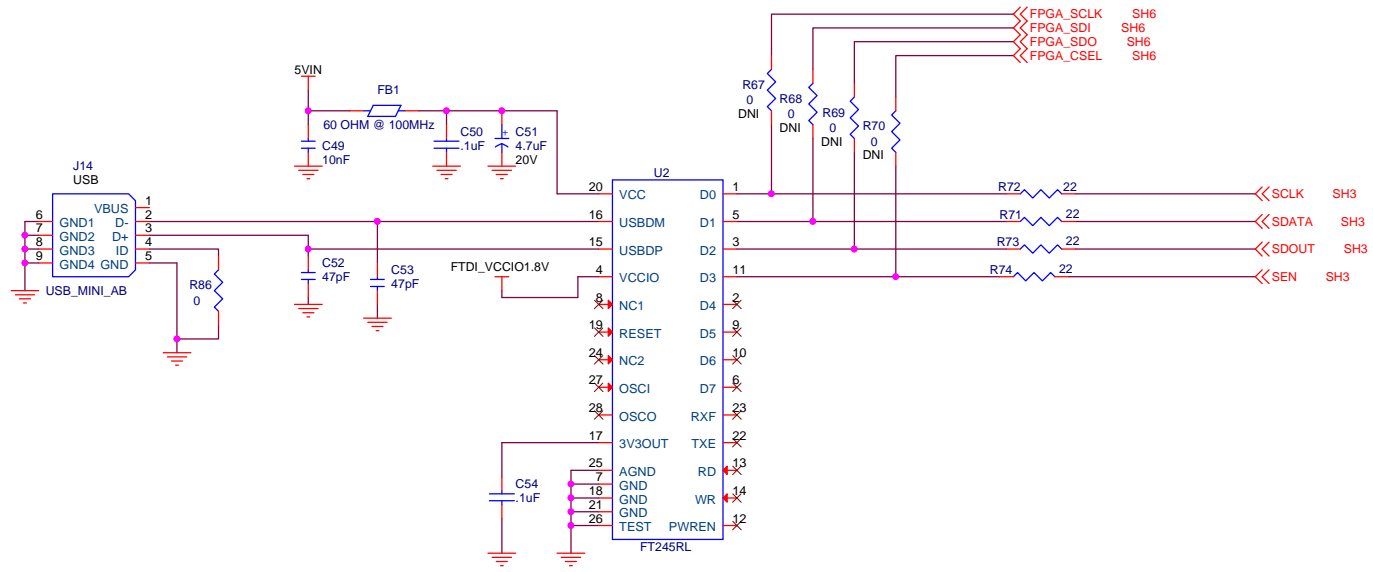
Keep sense line short

VREF = 1.4V

Default output is  $1.4V + 0.2 + 0.8 + 1.6 = 4V$

DNI = DO NOT INSTALL

**TEXAS INSTRUMENTS**  
 2000 Ross Avenue, Dallas, Texas 75201  
 Title: **POWER SUPPLIES**  
 Size: **B** Document Number: **ADC32XXEVM** Rev: **C**  
 Date: Monday, September 08, 2014 Sheet 7 of 8



**TEXAS INSTRUMENTS**

Title: **USB**

Size: **B** Document Number: **ADC324XEVM** Rev: **B**

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