

(ADC32J4X Channel A)
ADC34J4X
Channel A and D Input
Sheet 2

(ADC32J4X Channel B)
ADC34J4X
Channel B and C Input
Sheet 3

ADC32J4X / ADC34J4X
Sheet 4

AMPLIFIER
Sheet 5

LMK04828
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LMK04828
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LMK04828
Power & Config
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Sheet 9

POWER SUPPLY
Sheet 10

POWER SUPPLY
Sheet 11

USB Interface
Sheet 12

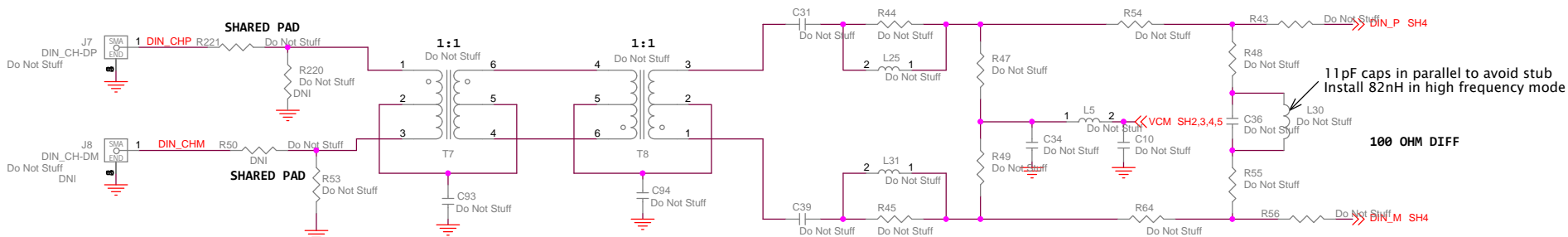
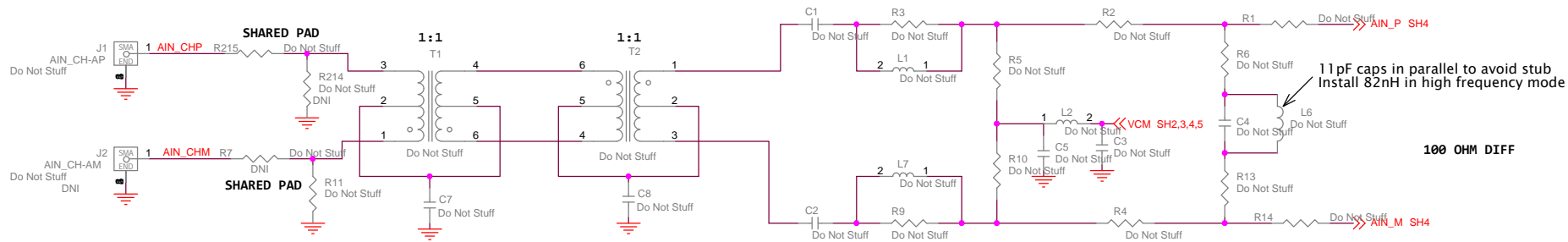


Title		
ADC32JXX/ADC34JXX		
Size	Document Number	Rev
B	ADC3XJXX EVM	C

Engineer: Chan Ken
PCB: Kim Le

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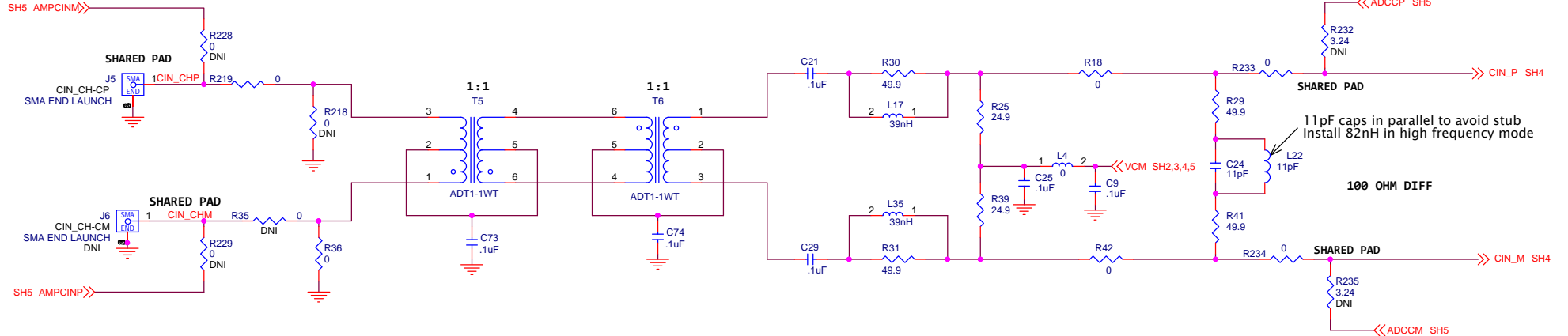
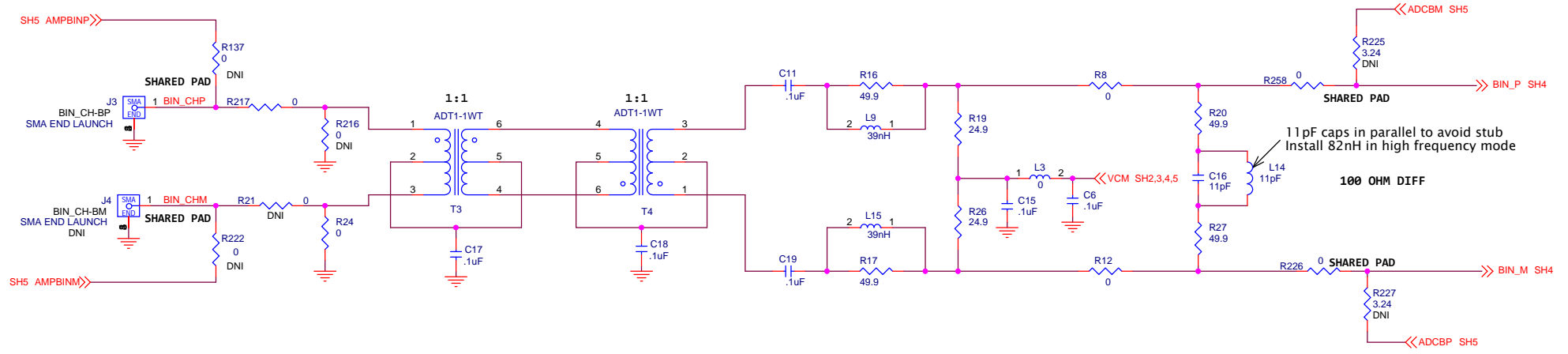


ADC34J4X CHANNEL A, D INPUT

TEXAS INSTRUMENTS

11000 Dallas, Texas 75243

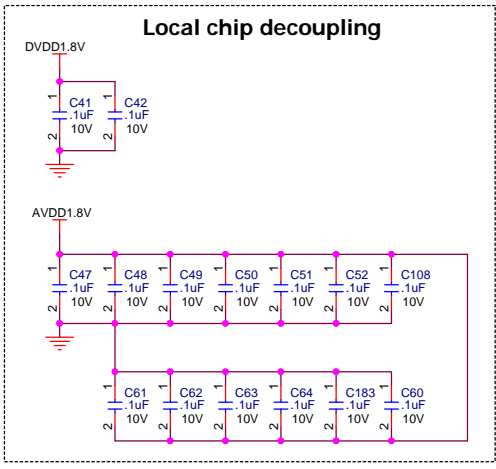
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ADC34J4X CHANNEL B, C INPUT
 ADC32J4X CHANNEL A, B INPUT

TEXAS INSTRUMENTS

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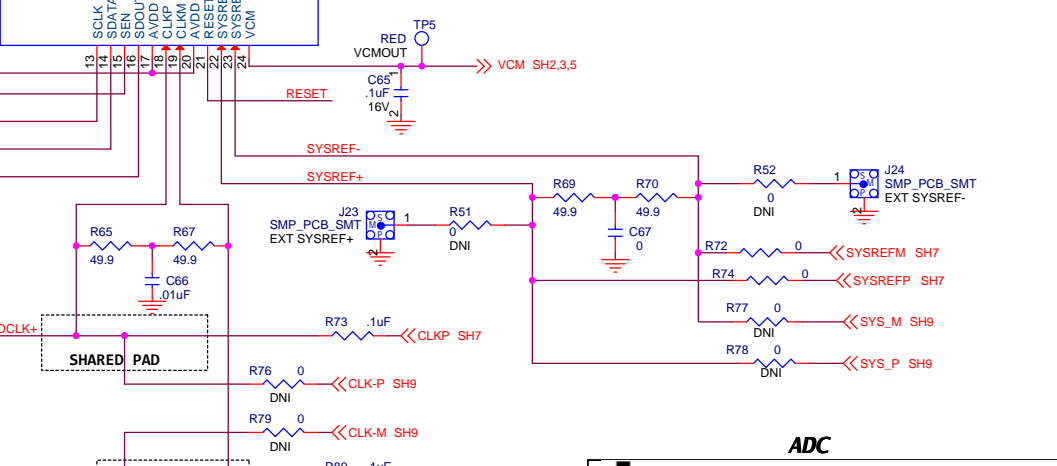
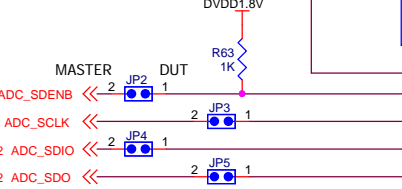
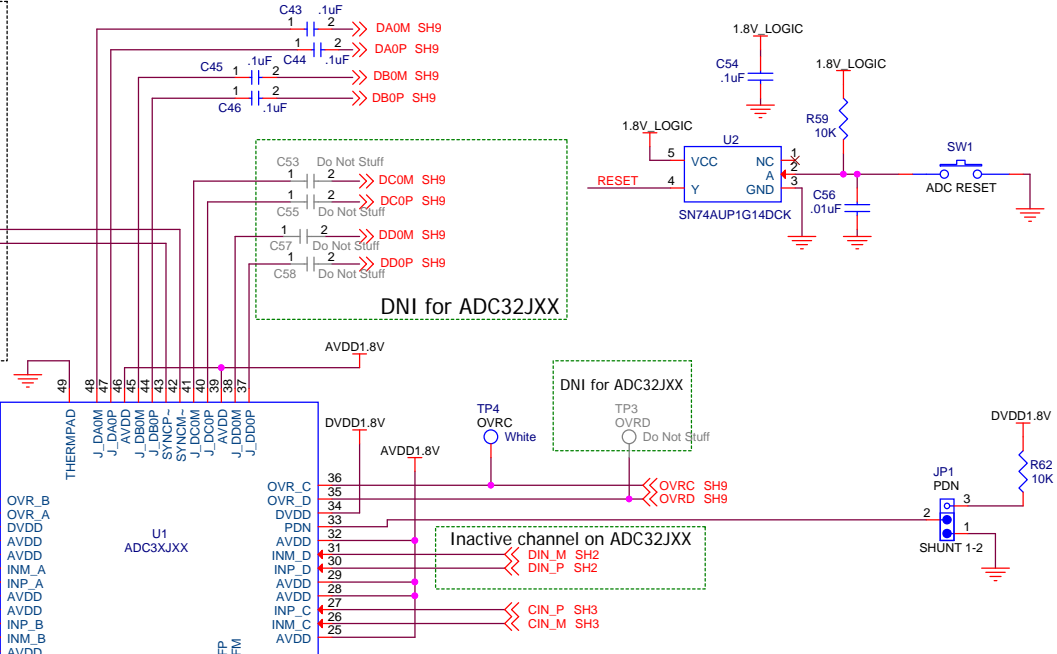
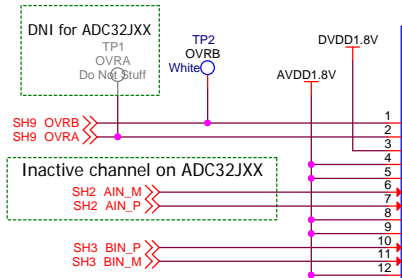
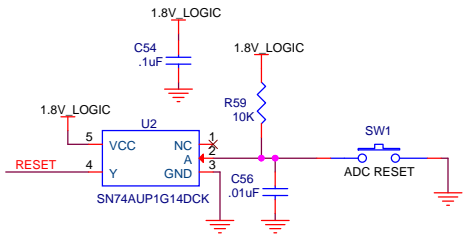
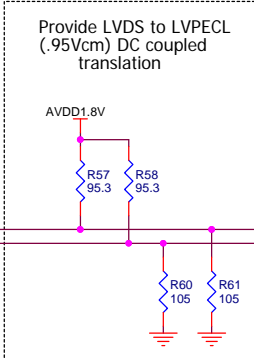
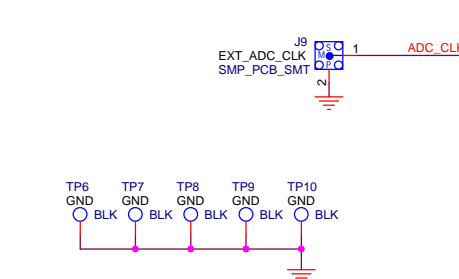


ADC CLK

	LVPECL AC (default):	LCPECL	XFMR
R200, R201 (sh6)	0 ohm	7.5 ohm	
R204, R205 (sh6)	240 ohm	DNI	
R65, R67	50 ohm	50 ohm	100 ohm
R76, R79	DNI	DNI	DNI
R73, R80	0.1uF	0 ohm	DNI
C68, C69	DNI	DNI	0.1uF
C66	0.1uF	DNI	0.1uF

ADC SYSREF

	LVPECL AC	LCPECL (default):
R202, R203 (sh6)	0 ohm	7.5 ohm
R106, R107 (sh6)	240 ohm	DNI
R69, R70	50 ohm	50 ohm
R77, R78	DNI	DNI
R72, R74	0.1uF	0 ohm
C67	0.1uF	0 ohm

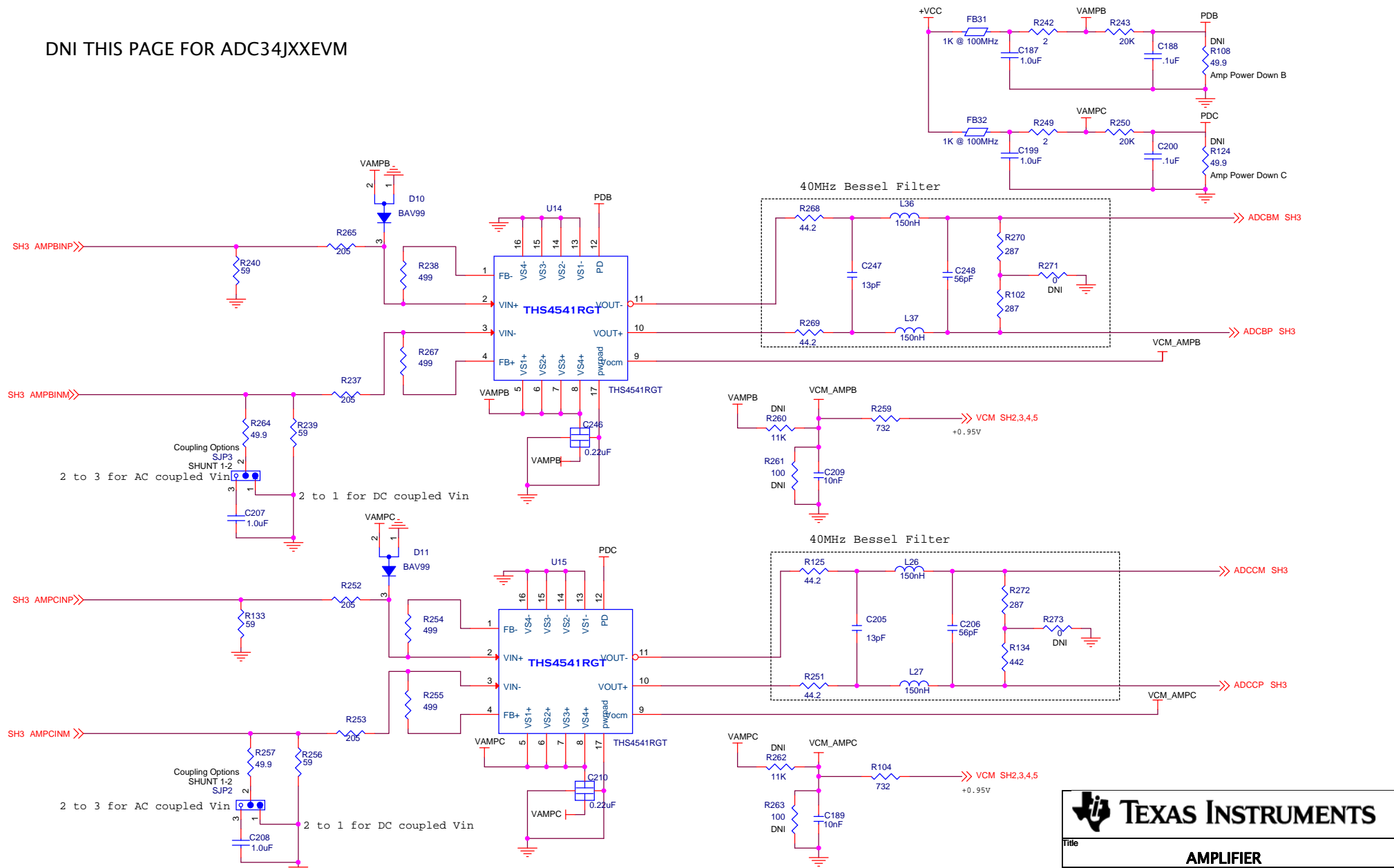


ADC

TEXAS INSTRUMENTS

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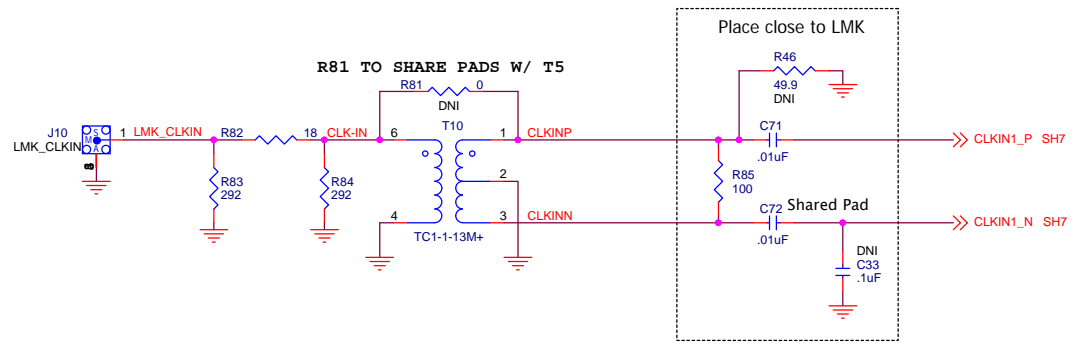


TEXAS INSTRUMENTS

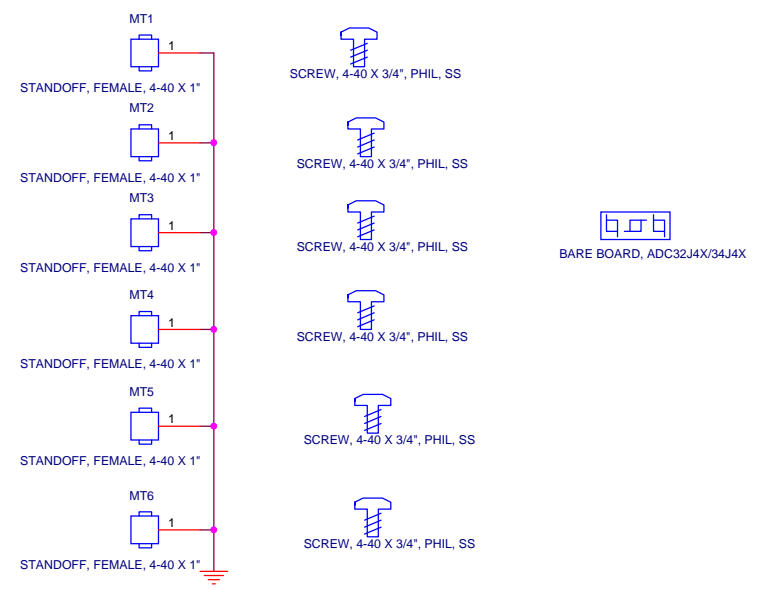
Title: **AMPLIFIER**

Size: **B** Document Number: **ADC3XJXX EVM** Rev: **C**


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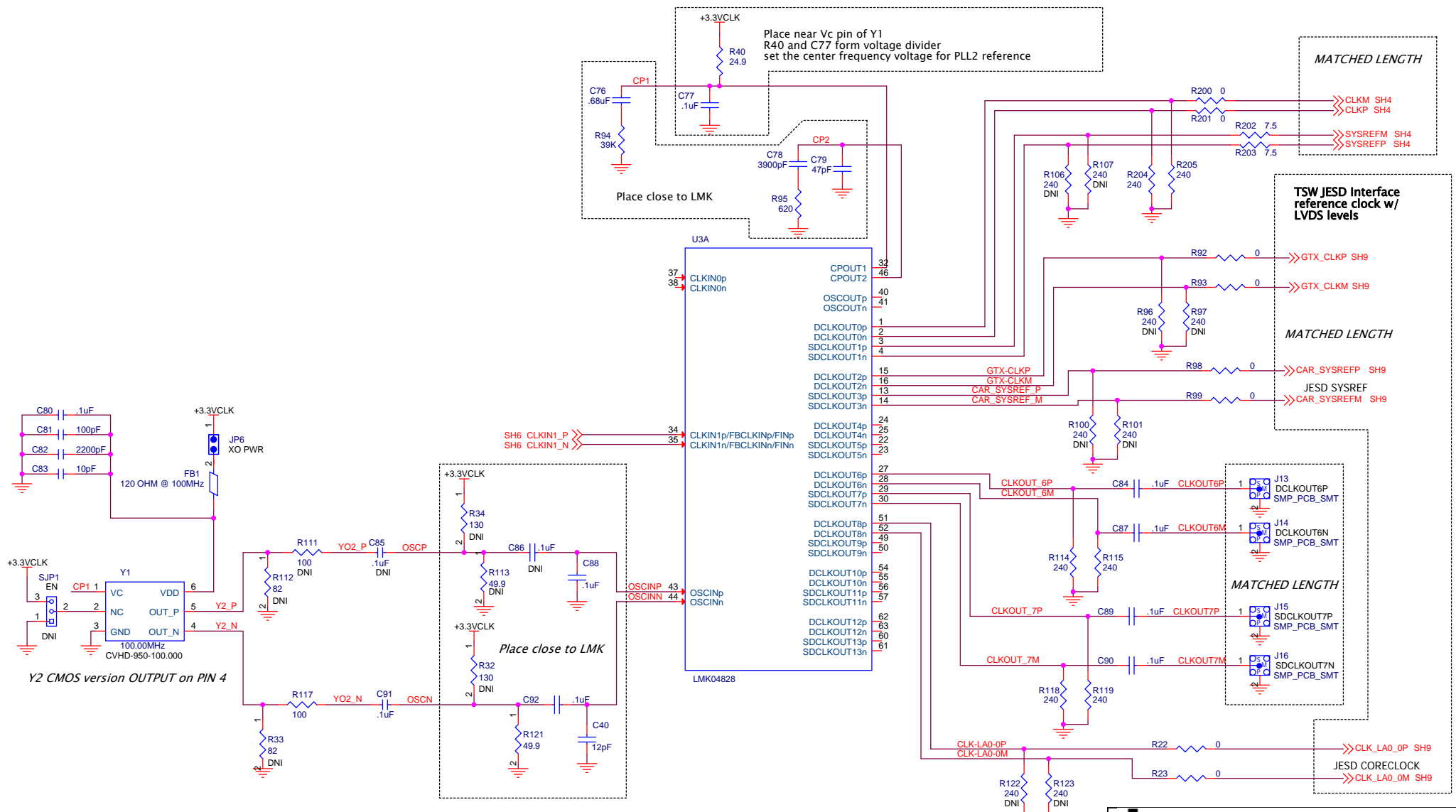


MECHANICAL PARTS



CLOCK INPUT

 TEXAS INSTRUMENTS		
Title SH06 - CLOCK INPUT		
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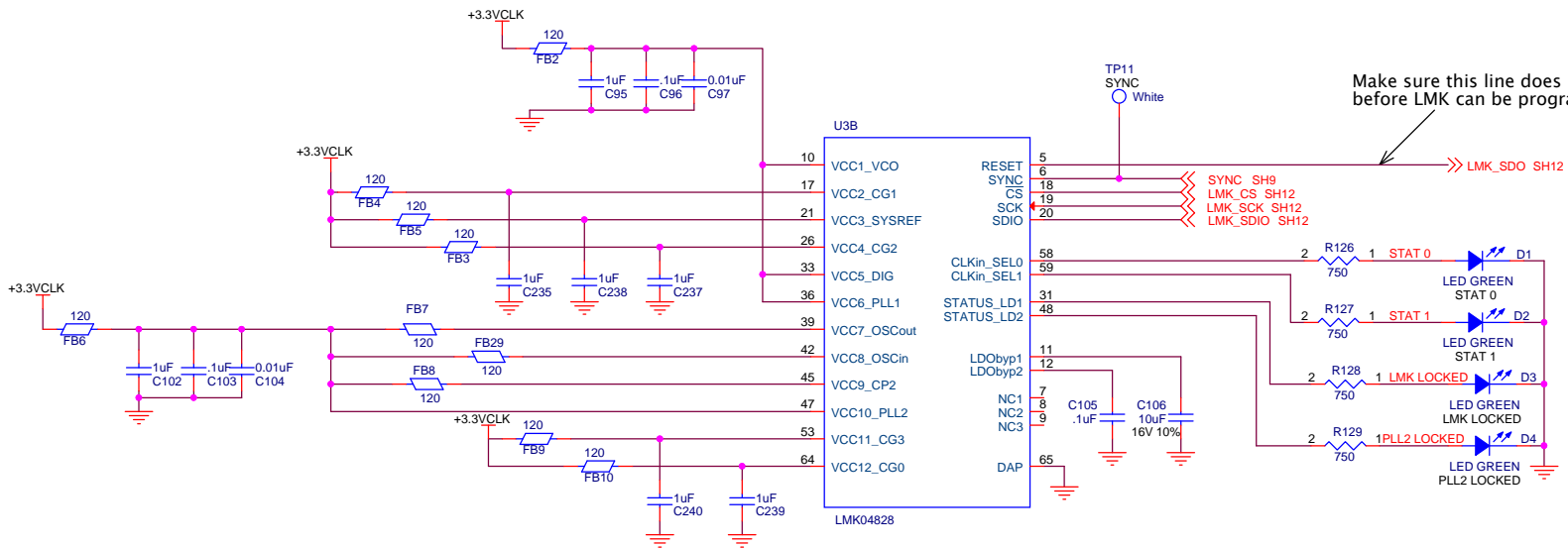
TEXAS INSTRUMENTS

Title: **SH07 - LMK INPUTS & OUTPUTS**

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LMK



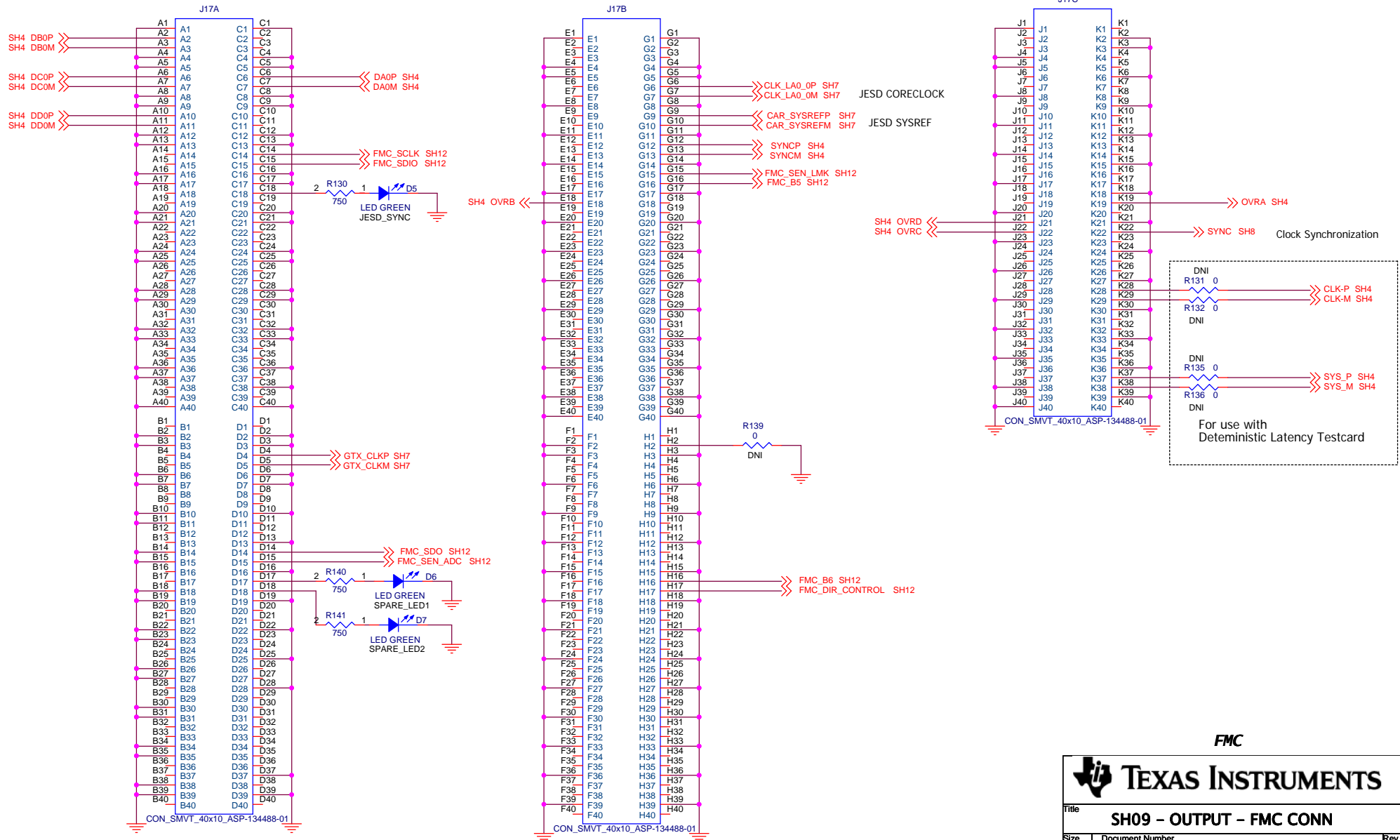
LMK

TEXAS INSTRUMENTS

Title: **SH08 - LMK POWER & CONF**

Size: **B** Document Number: **ADC3XJXX EVM** Rev: **C**

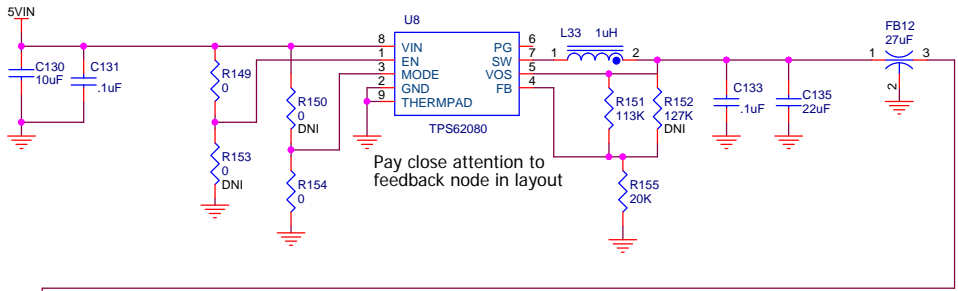
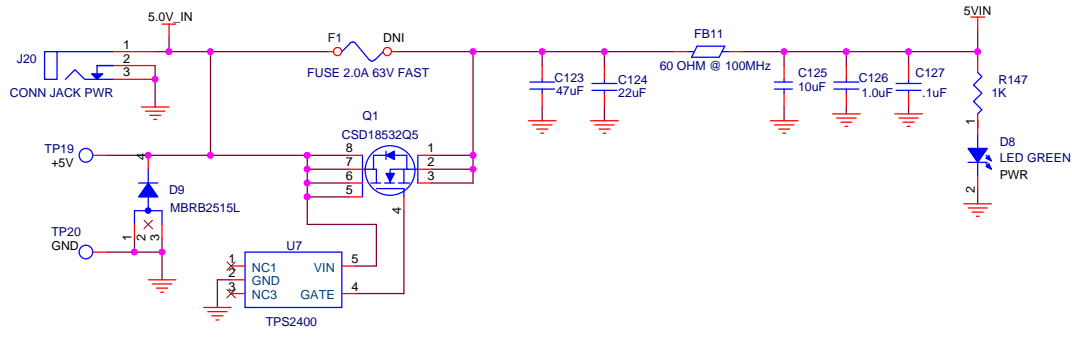
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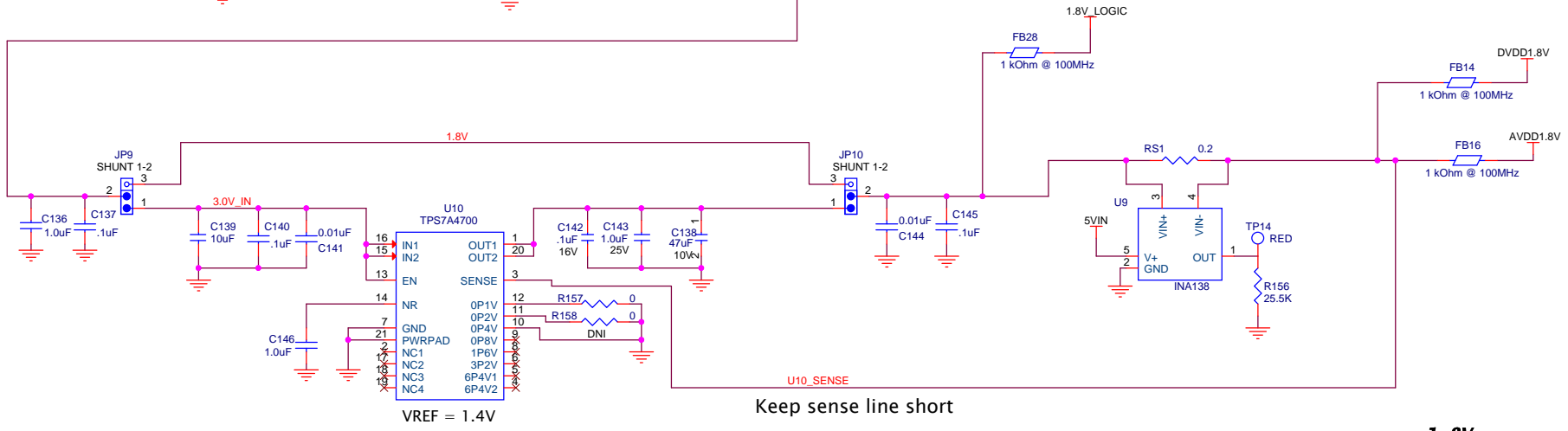
FMC

TEXAS INSTRUMENTS

Title		
SH09 - OUTPUT - FMC CONN		
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U8 output = 3.0V
For 1.8V, install R152



Keep sense line short

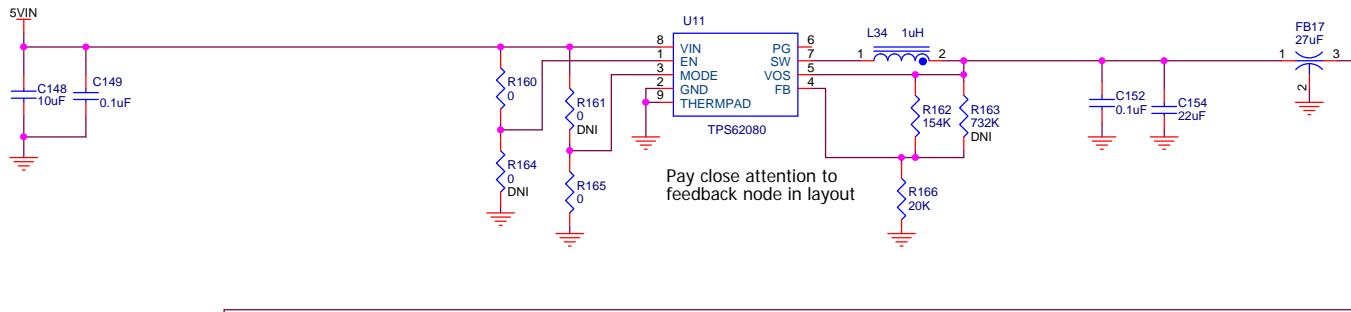
1.8V

TEXAS INSTRUMENTS

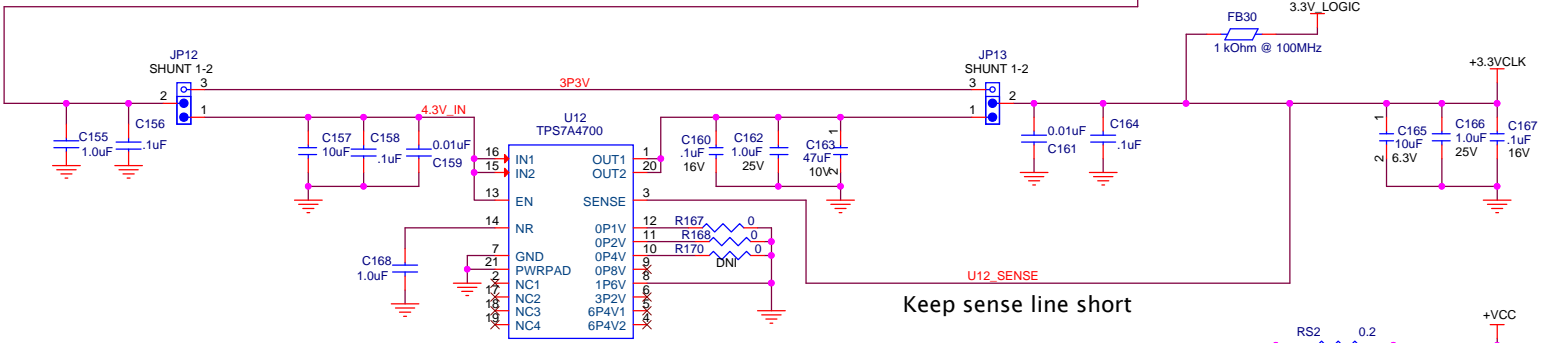
Title: **SH10 - POWER SUPPLIES**

Size **B** Document Number **ADC3XJXX EVM** Rev **C**

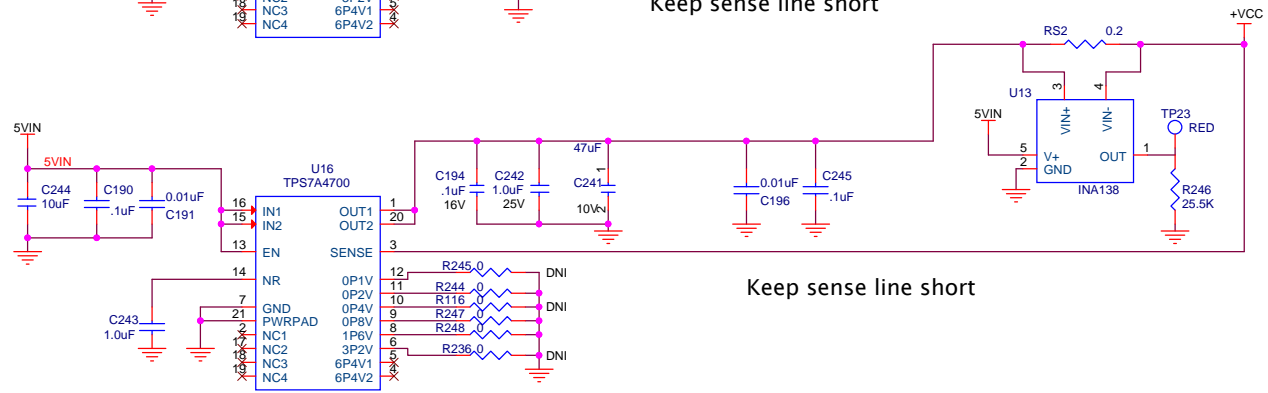
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U11 output = 4.0V
For 3.3V, install R163



Keep sense line short



Keep sense line short

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

3.3V



Title		
SH11 - POWER SUPPLIES		
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DNI = DO NOT INSTALL

