

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

(ADC32J4X Channel B)
ADC34J4X
Channel B and C Input
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ADC32J4X / ADC34J4X
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LMK04828
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POWER SUPPLY
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USB Interface
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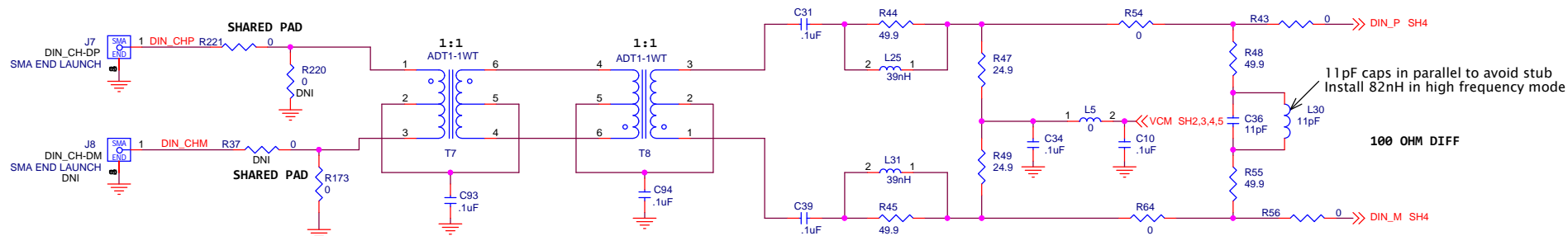
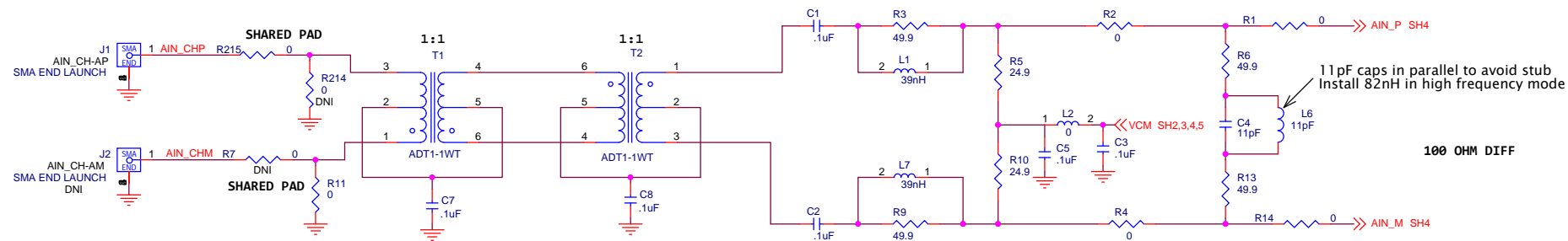


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Title ADC32JXX/ADC34JXX		
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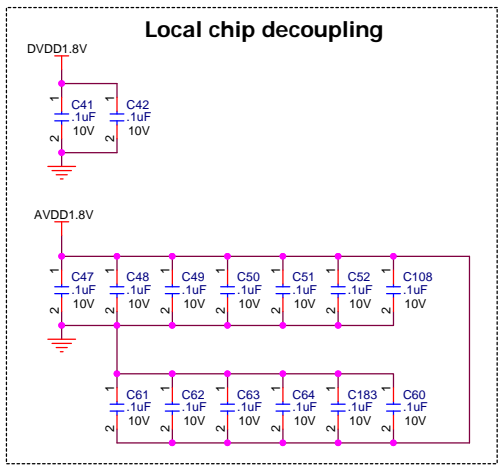
Engineer: Chan Ken
PCB: Kim Le

DNI this page for ADC32JXX



ADC34J4X CHANNEL A, D INPUT

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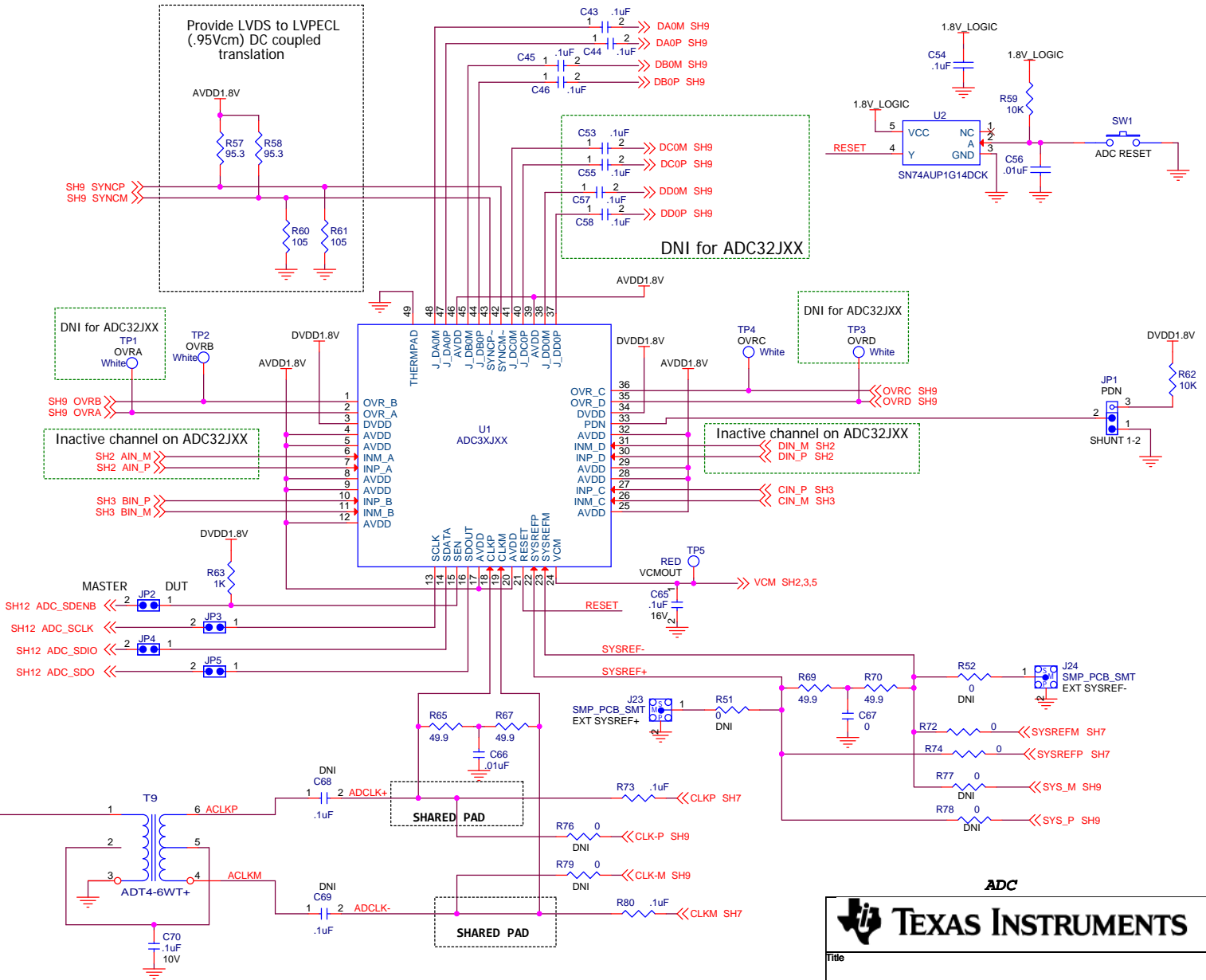
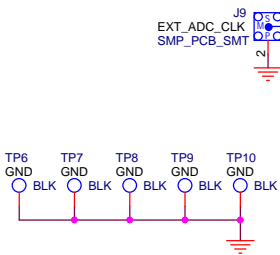


ADC CLK

	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

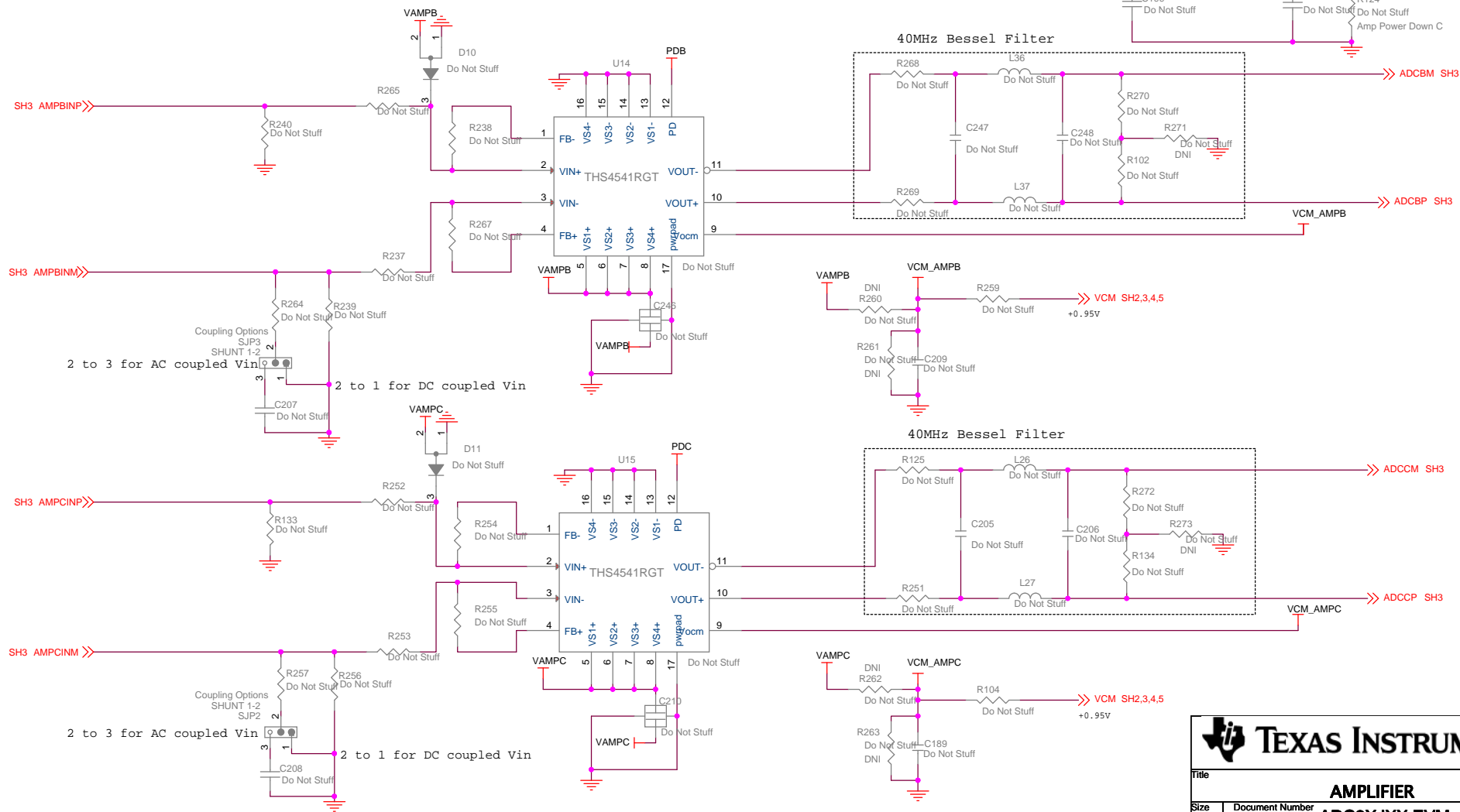
	LVPECL AC	LCPECL (default):
R202, R203 (sh6)	0 ohm	7.5 ohm
R106, R107 (sh6)	240 ohm	DNI
R69, R70	50 ohm	50 ohm
R77, R78	DNI	DNI
R72, R74	0.1uF	0 ohm
C67	0.1uF	0 ohm



TEXAS INSTRUMENTS

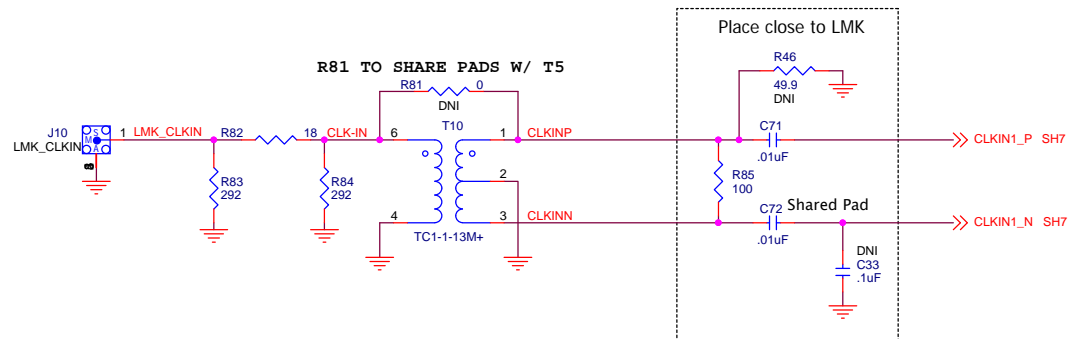
Title		
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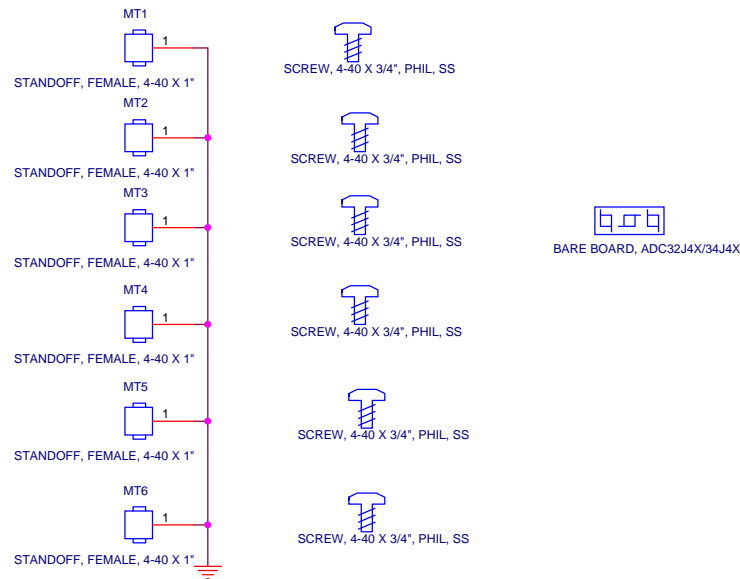


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AMPLIFIER		
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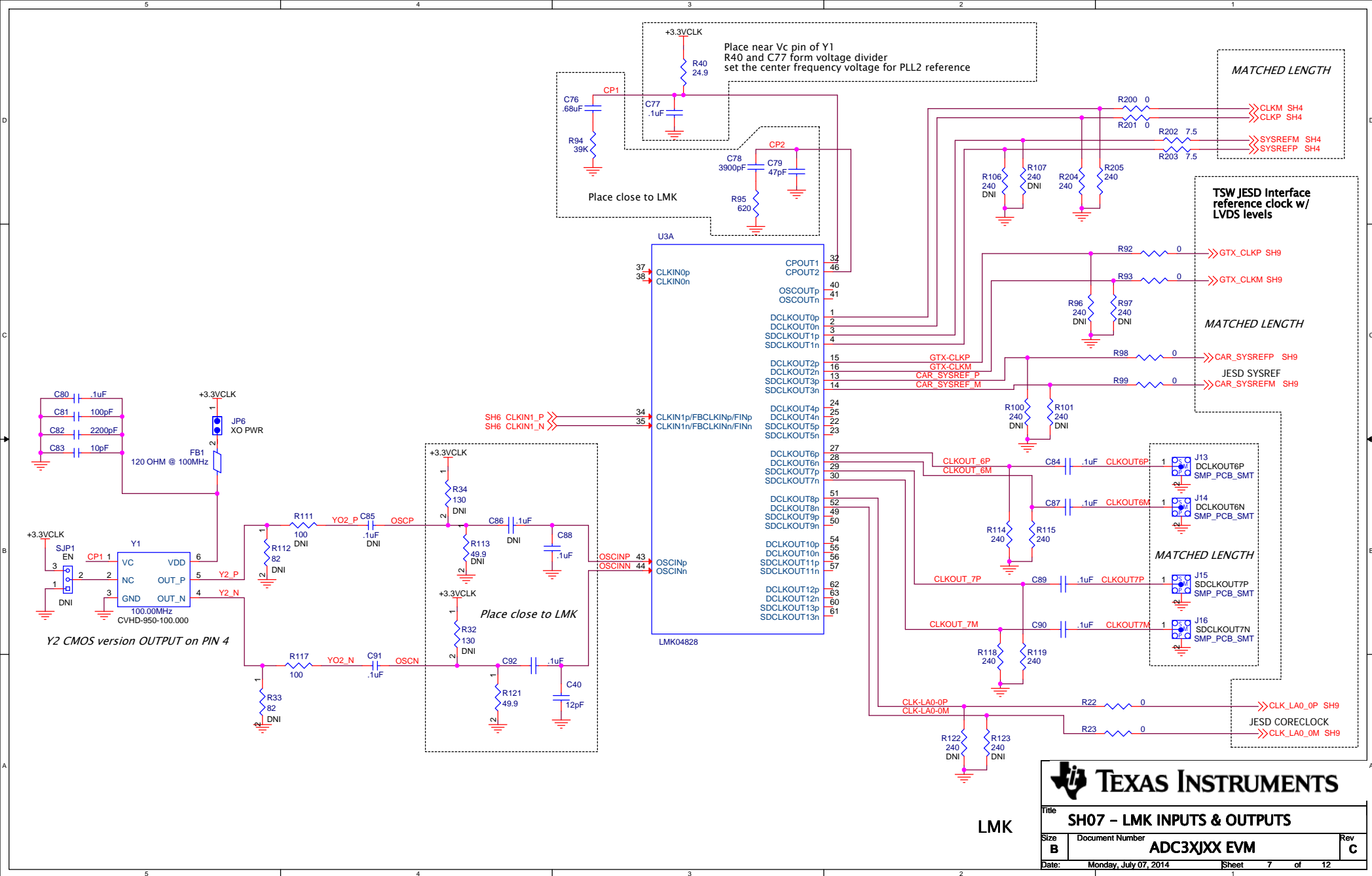
MECHANICAL PARTS

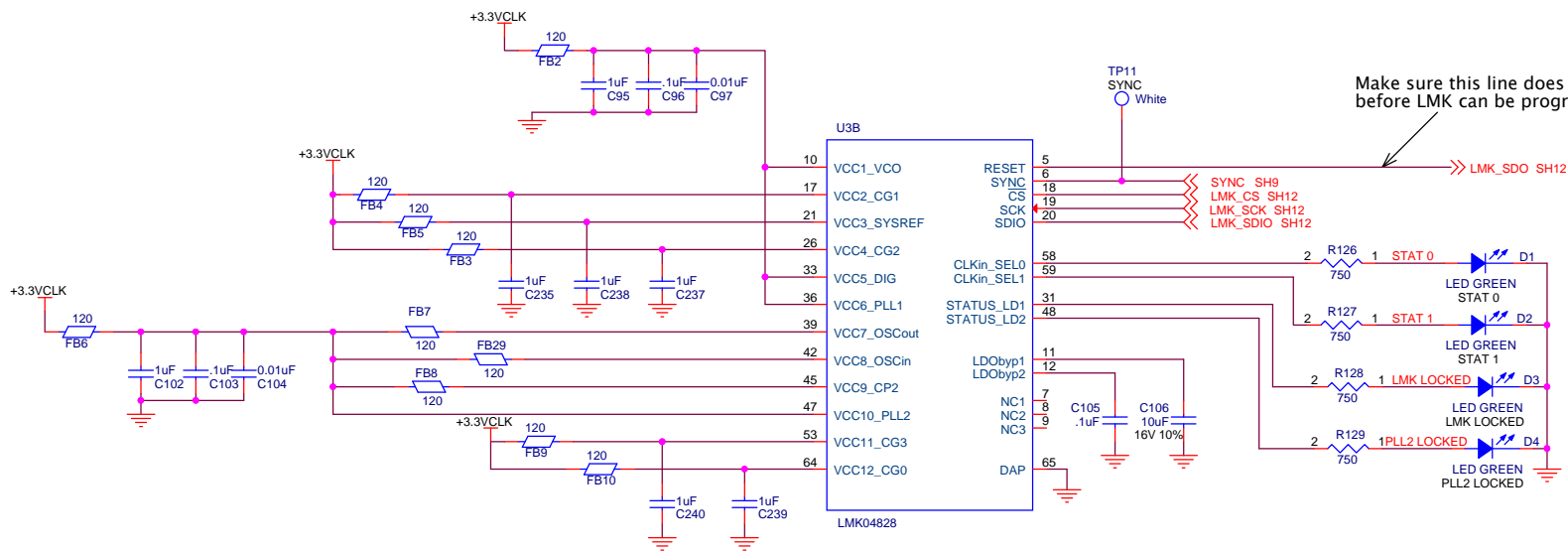


CLOCK INPUT



Title		
SH06 - CLOCK INPUT		
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B	ADC3XJXX EVM	C
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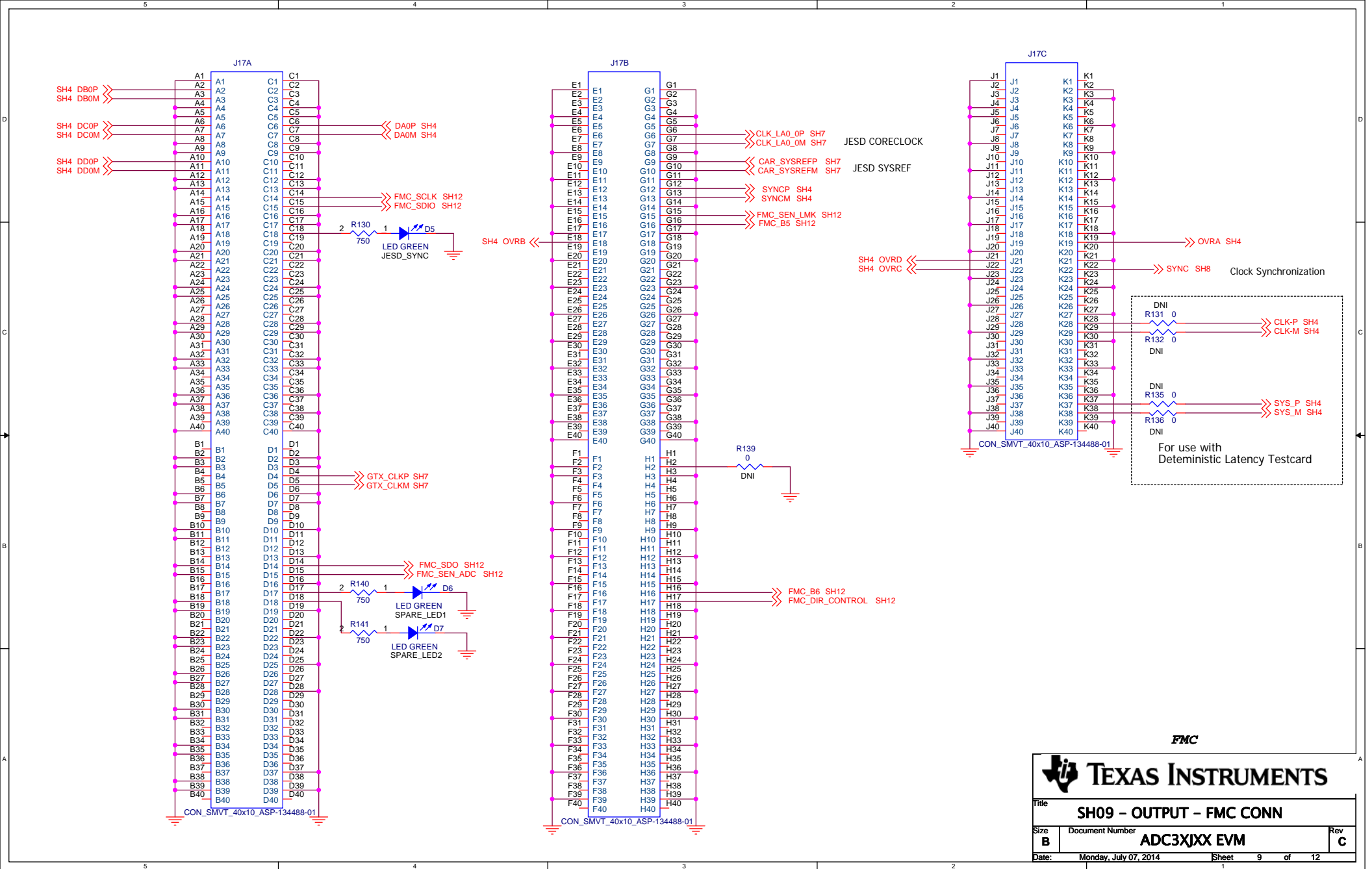


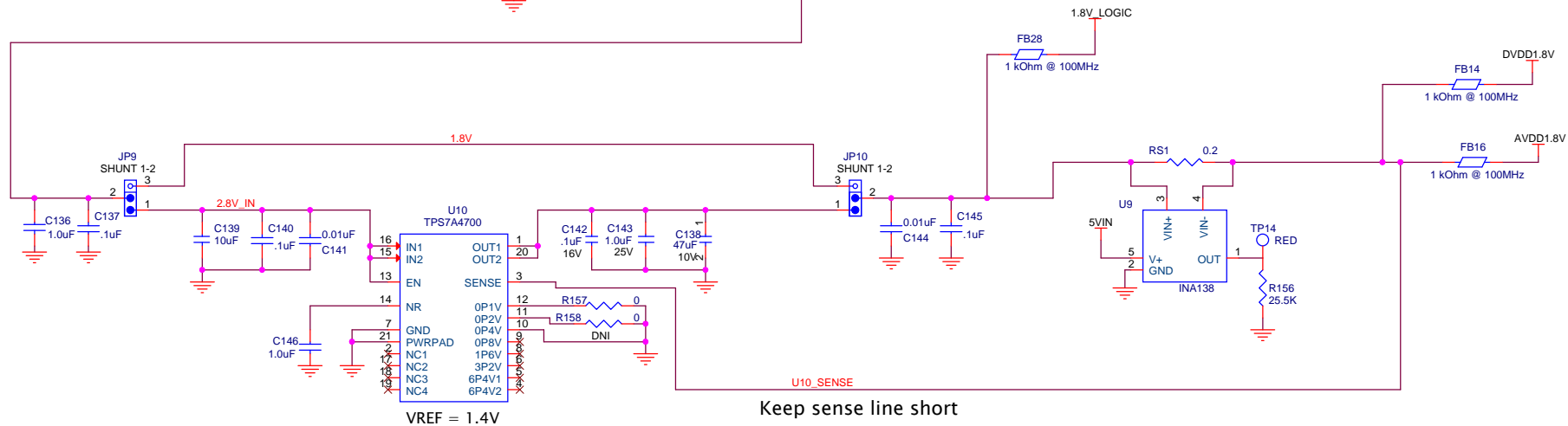
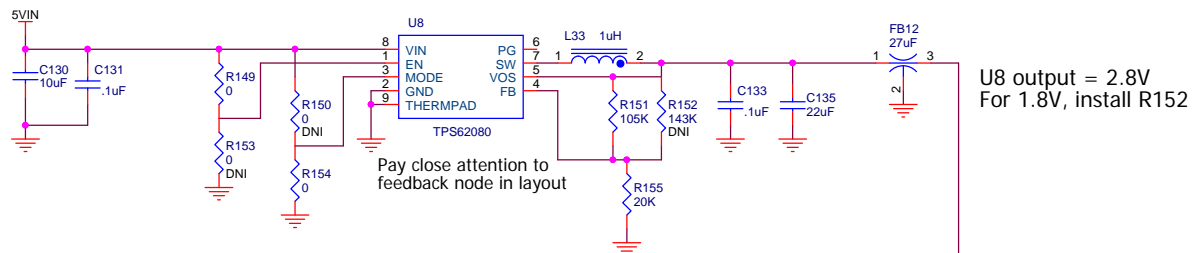
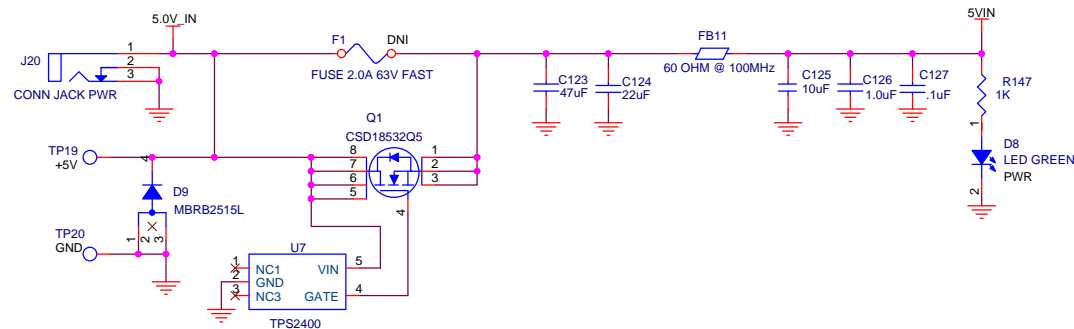


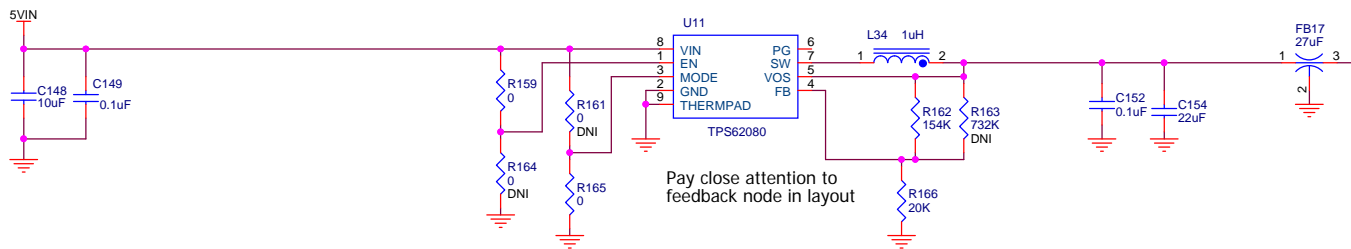
LMK



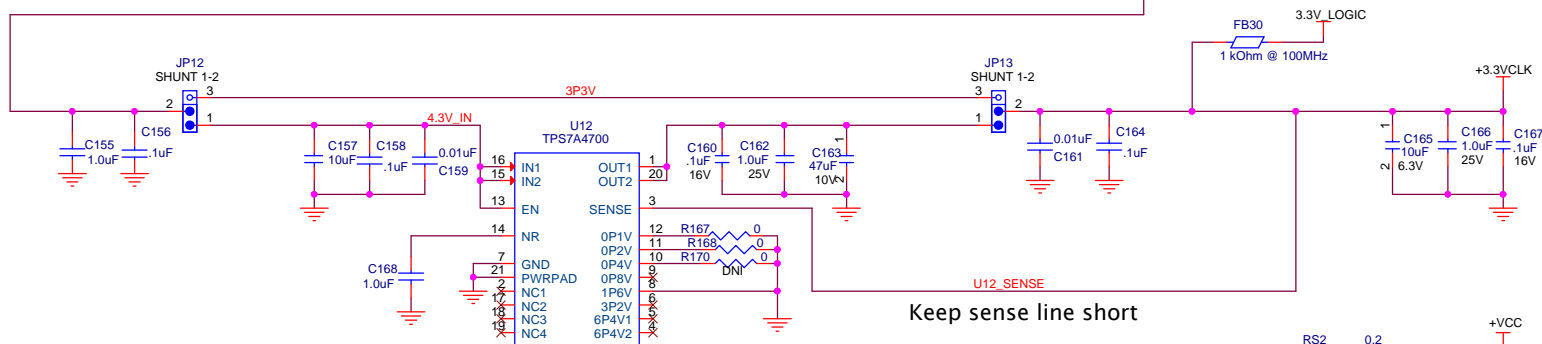
Title		
SH08 - LMK POWER & CONF		
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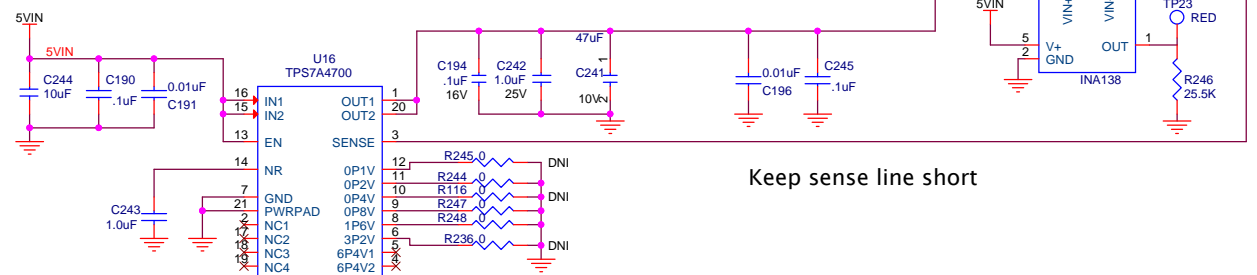




U11 output = 4.0V
For 3.3V, install R163



Keep sense line short



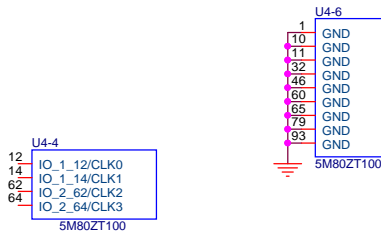
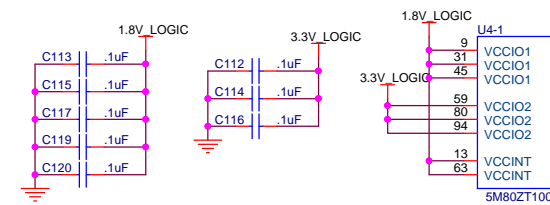
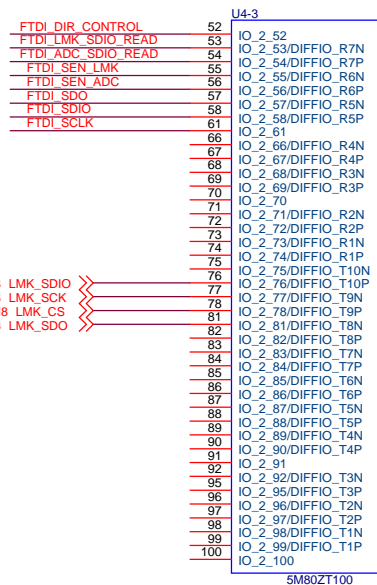
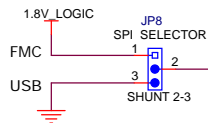
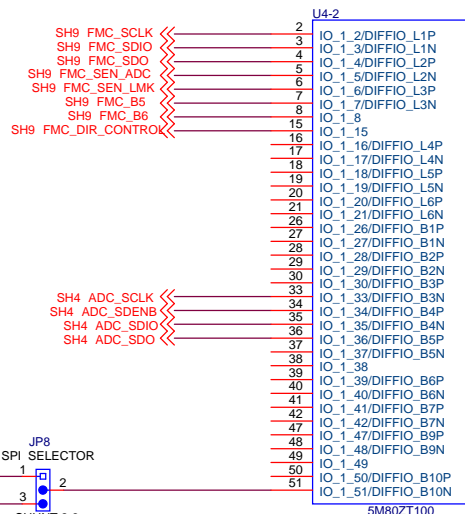
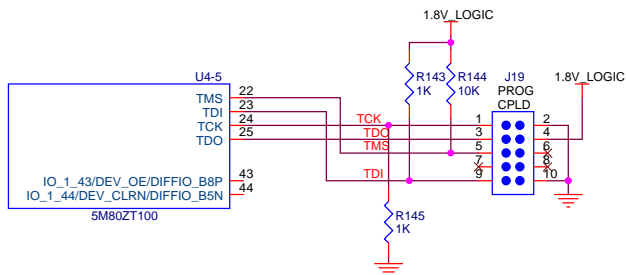
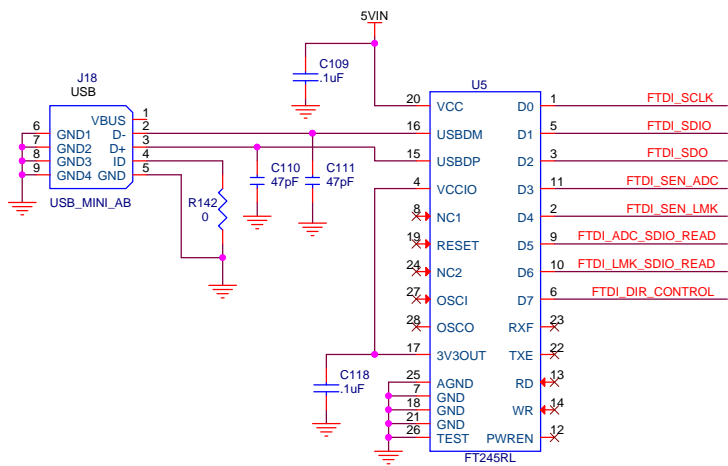
Keep sense line short

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

3.3V

DNI = DO NOT INSTALL

SH11 - POWER SUPPLIES		
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USB INTERFACE

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SH12 - USB INTERFACE

Size

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