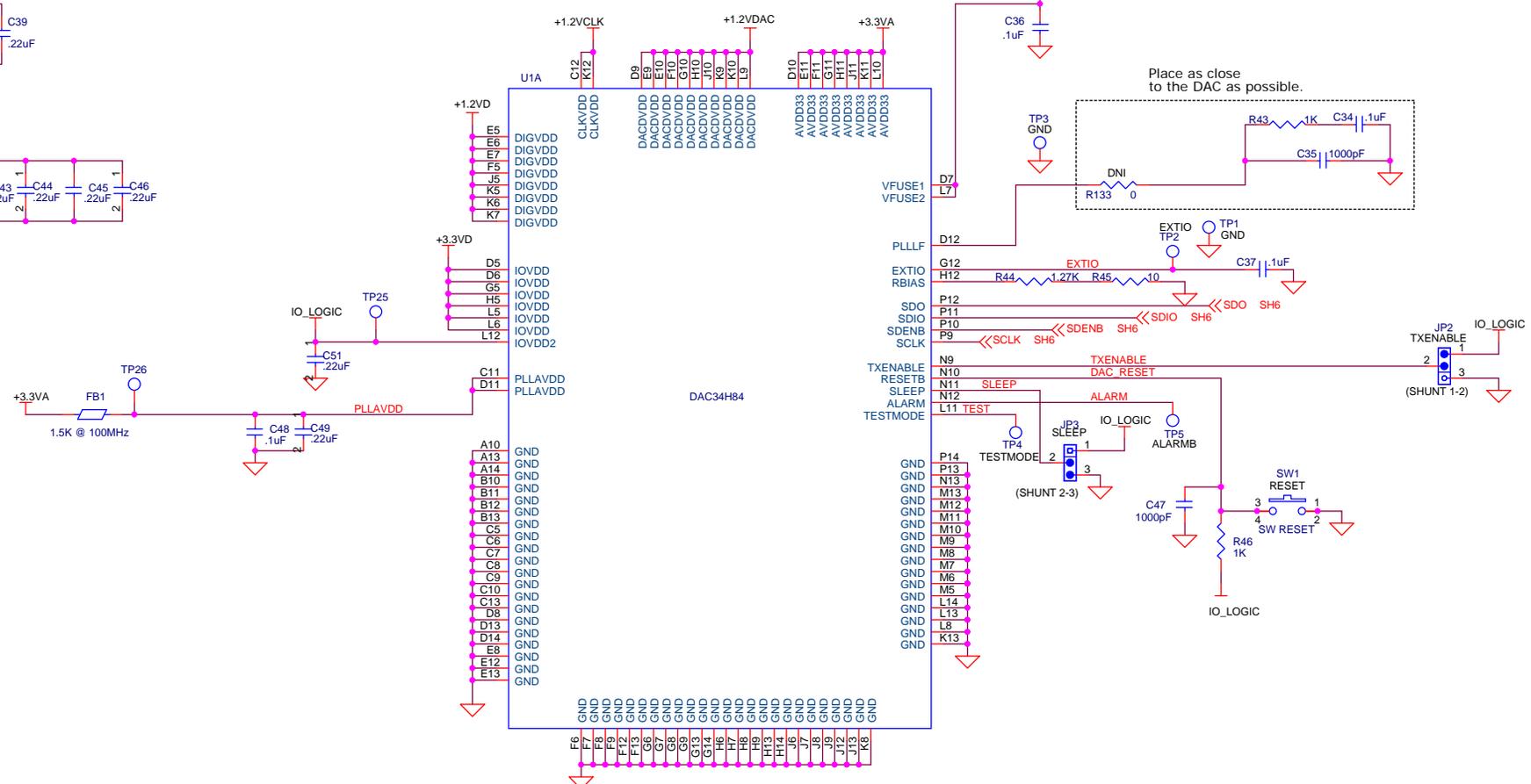
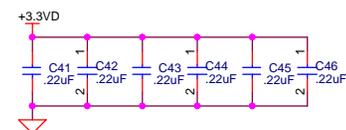
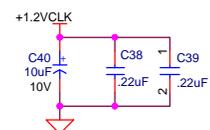
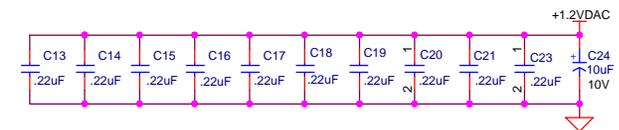
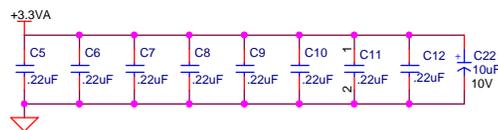
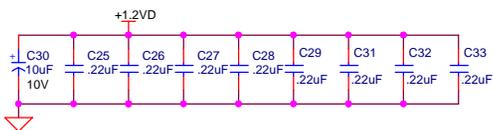


NOTES:
 1) DNI = DO NOT INSTALL



Title		DAC34H8X EVM	
Size	Document Number	DAC	
Engineer:	K. Hsia	Date:	Thursday, June 14, 2012
Sheet	1	of	7

Drawn: **L. Nguyen**
 Engineer: **K. Hsia**

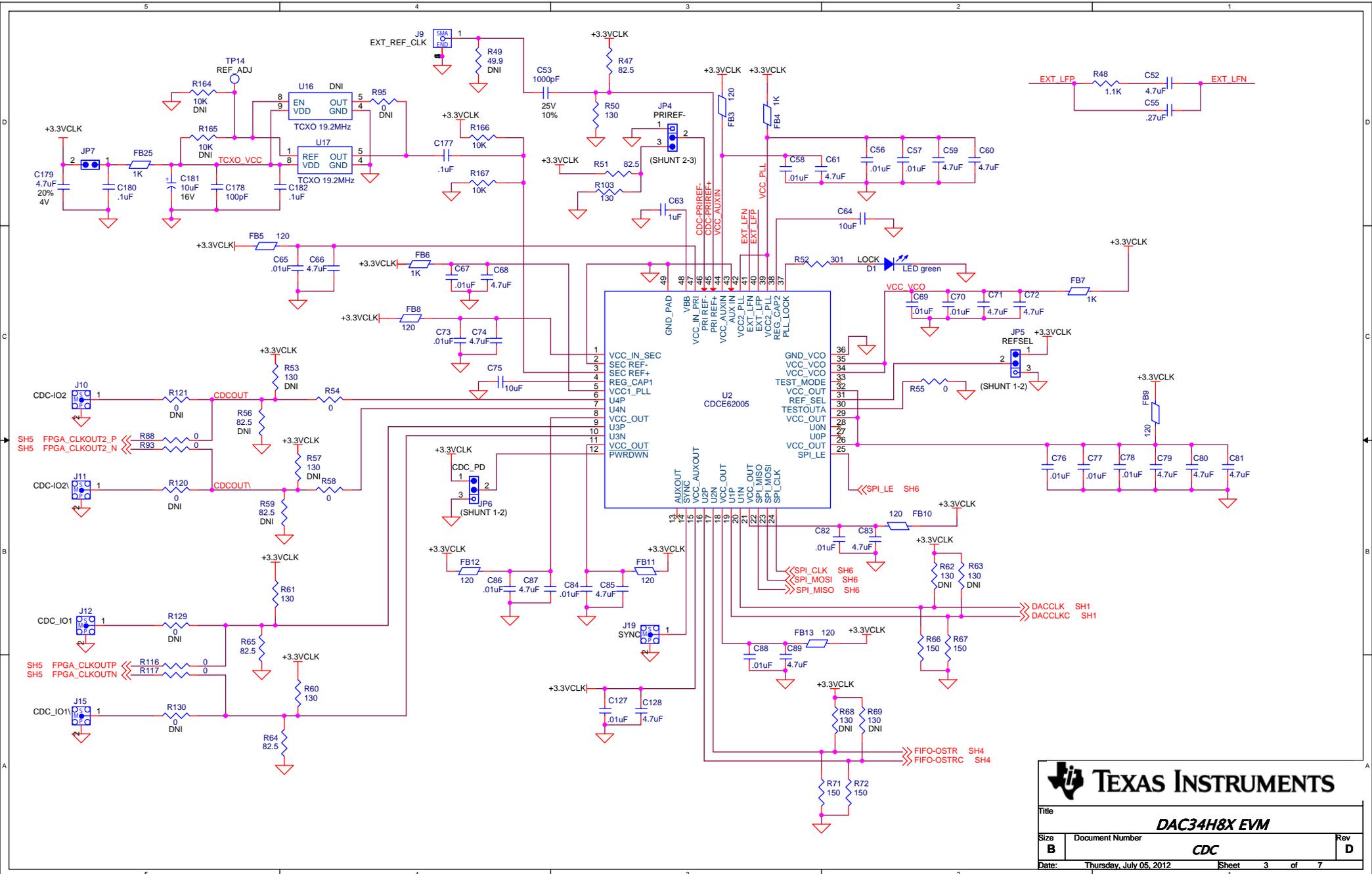


TEXAS INSTRUMENTS

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Size: **B** Document Number: **DAC** Rev: **D**

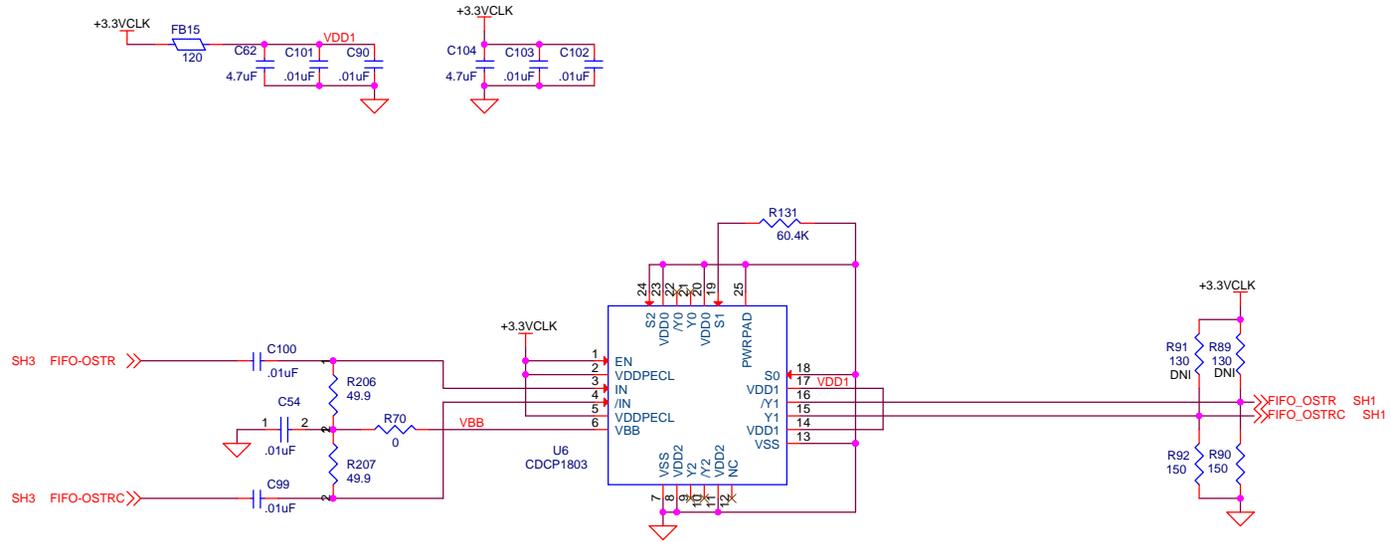
Date: Thursday, June 21, 2012 Sheet 2 of 7



TEXAS INSTRUMENTS

Title: **DAC34H8X EVM**

Size: B	Document Number: CDC	Rev: D
Date: Thursday, July 05, 2012	Sheet: 3	of 7

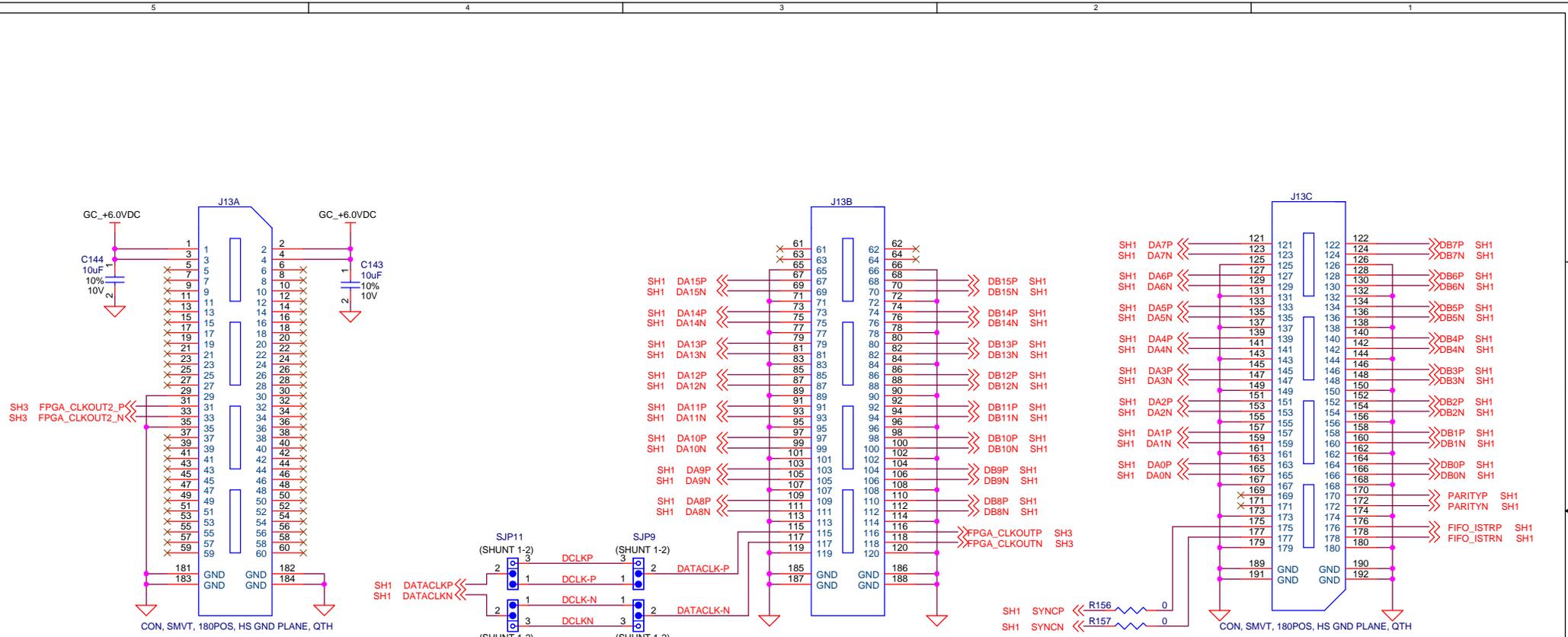


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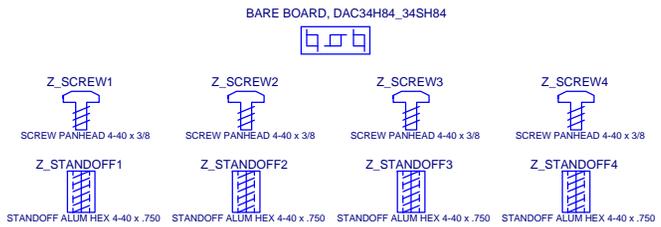
Title: **DAC34H8X EVM**

Size: **B** Document Number: **CDC** Rev: **D**

Date: Thursday, July 05, 2012 Sheet 4 of 7



***DCLK-P/N are topside traces

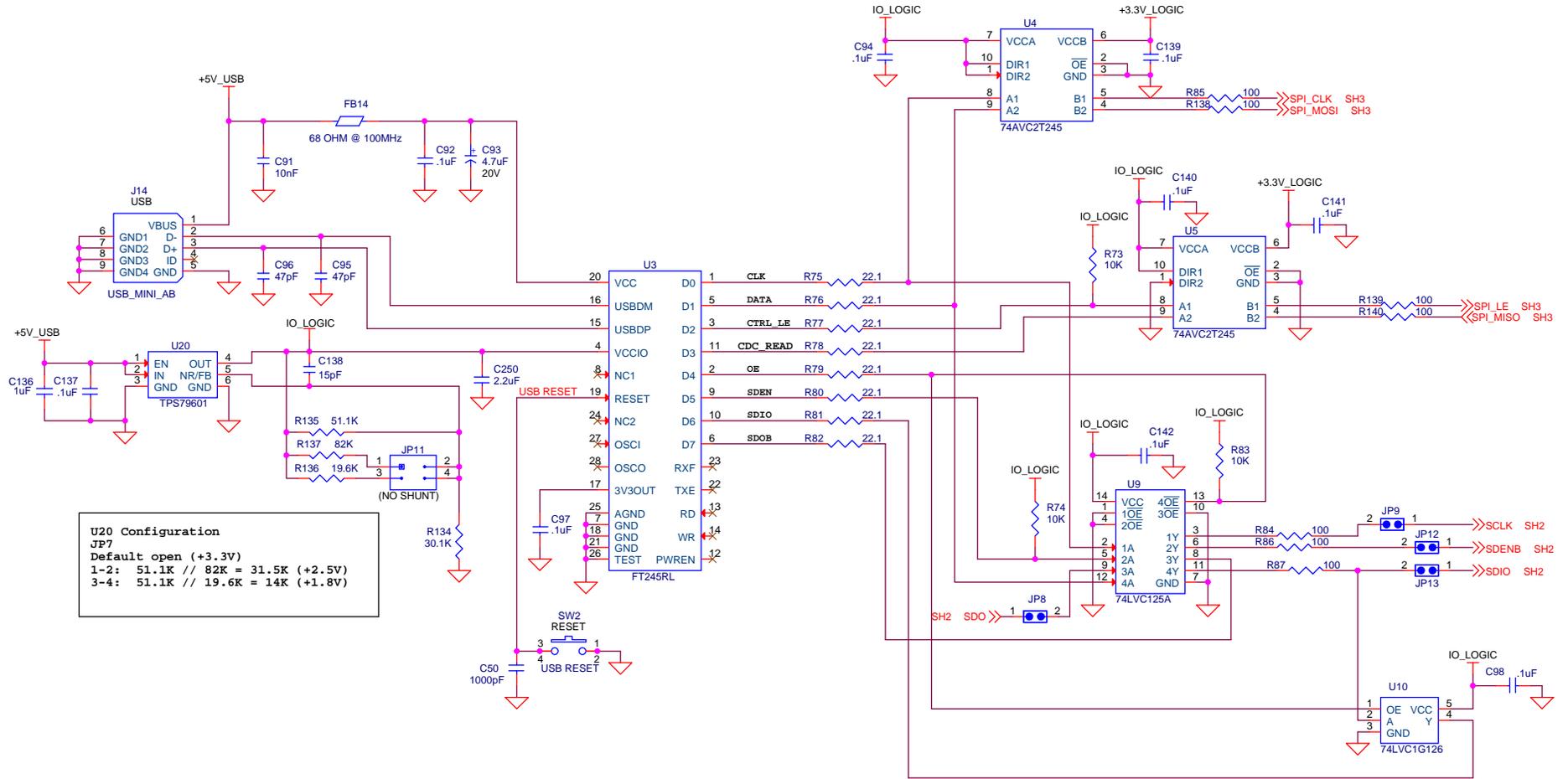


TEXAS INSTRUMENTS

Title: **DAC34H8X EVM**

Size: **B** Document Number: **INTERFACE** Rev: **D**

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U20 Configuration
JP7
 Default open (+3.3V)
 1-2: 51.1K // 82K = 31.5K (+2.5V)
 3-4: 51.1K // 19.6K = 14K (+1.8V)

74AVC2T245

\overline{OE}	DIR	OPERATION
L	L	B -> A
L	H	A -> B
H	X	ISOLATION

74VLC125A

\overline{OE}	A	Y
L	H	H
L	L	L
H	X	Z

74VLC1G126

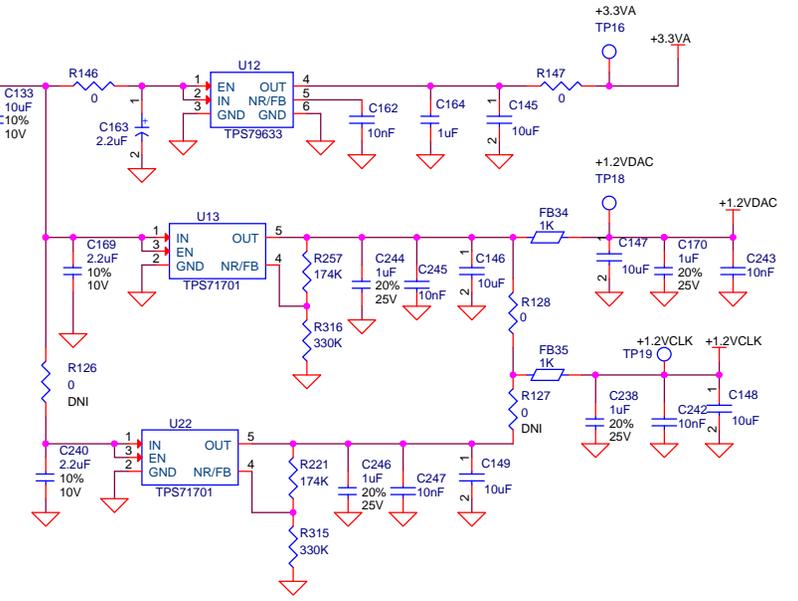
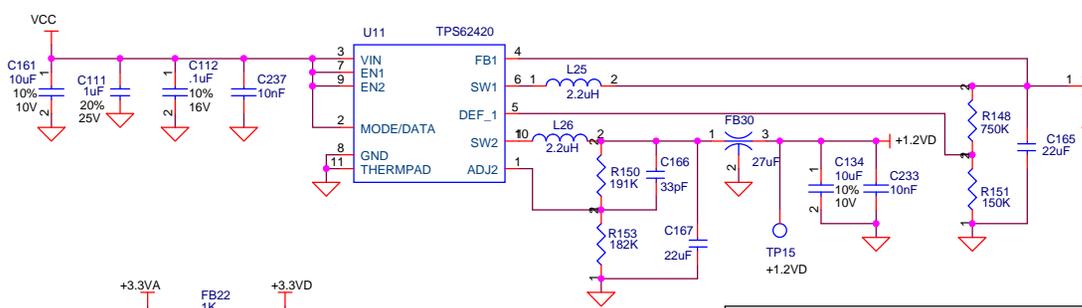
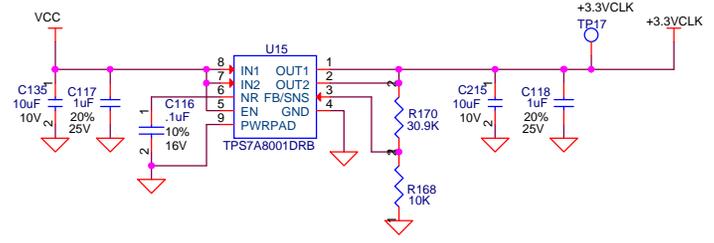
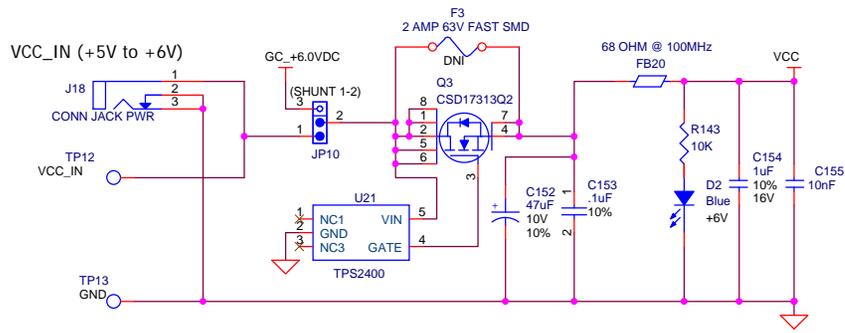
OE	A	Y
H	H	H
H	L	L
L	X	Z

TEXAS INSTRUMENTS

Title: **DAC34H8X EVM**

Size: **B** Document Number: **USB** Rev: **D**

Date: Thursday, June 14, 2012 Sheet: 6 of 7



To use Step Down Converter only (DNI LDO U12):
 Install R145
 DNI R146, R147
 Change R148 to 820K
 Change R151 to 180K

For DAC34SH84EVM:
 Change R150 to 215K
 Change R221 and R257 to 232K
 DNI R128
 Install R126, R127

TEXAS INSTRUMENTS

Title: **DAC34H8X EVM**

Size B	Document Number	DAC	Rev D
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