


A

B

C

D

EVAL-AD2428WD1BZ Schematic

		2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD	
Title		EVAL-AD2428WD1BZ Title	
Size C	Board No.	A0983-2017	Rev 1.1
Date	5/17/18	Sheet	1 of 7

A

B

C

D

1

1

2

2

3

3

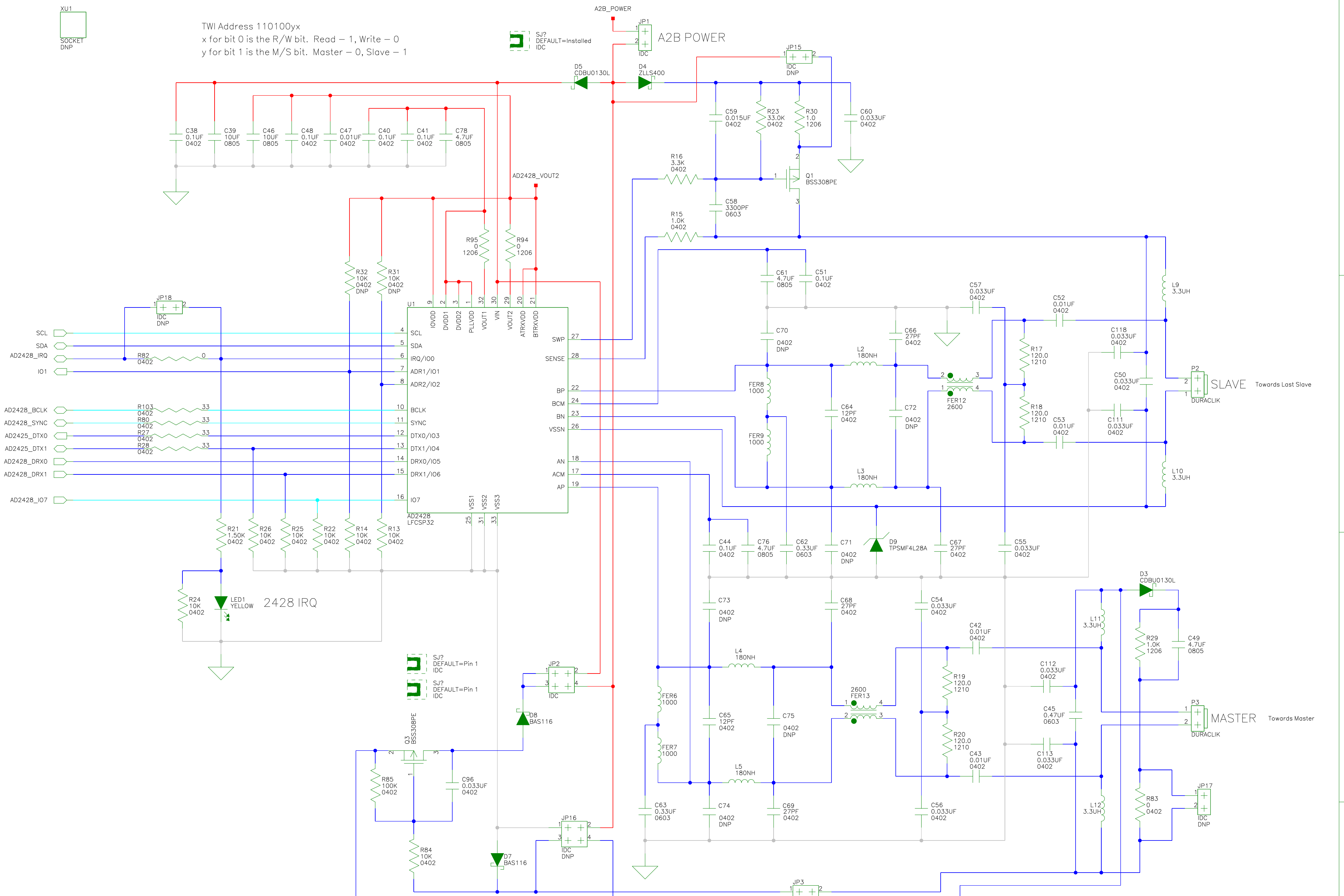
4

4

TWI Address 110100yx
 x for bit 0 is the R/W bit. Read - 1, Write - 0
 y for bit 1 is the M/S bit. Master - 0, Slave - 1

SJ? DEFAULT=Pin 1 IDC

A2B_POWER



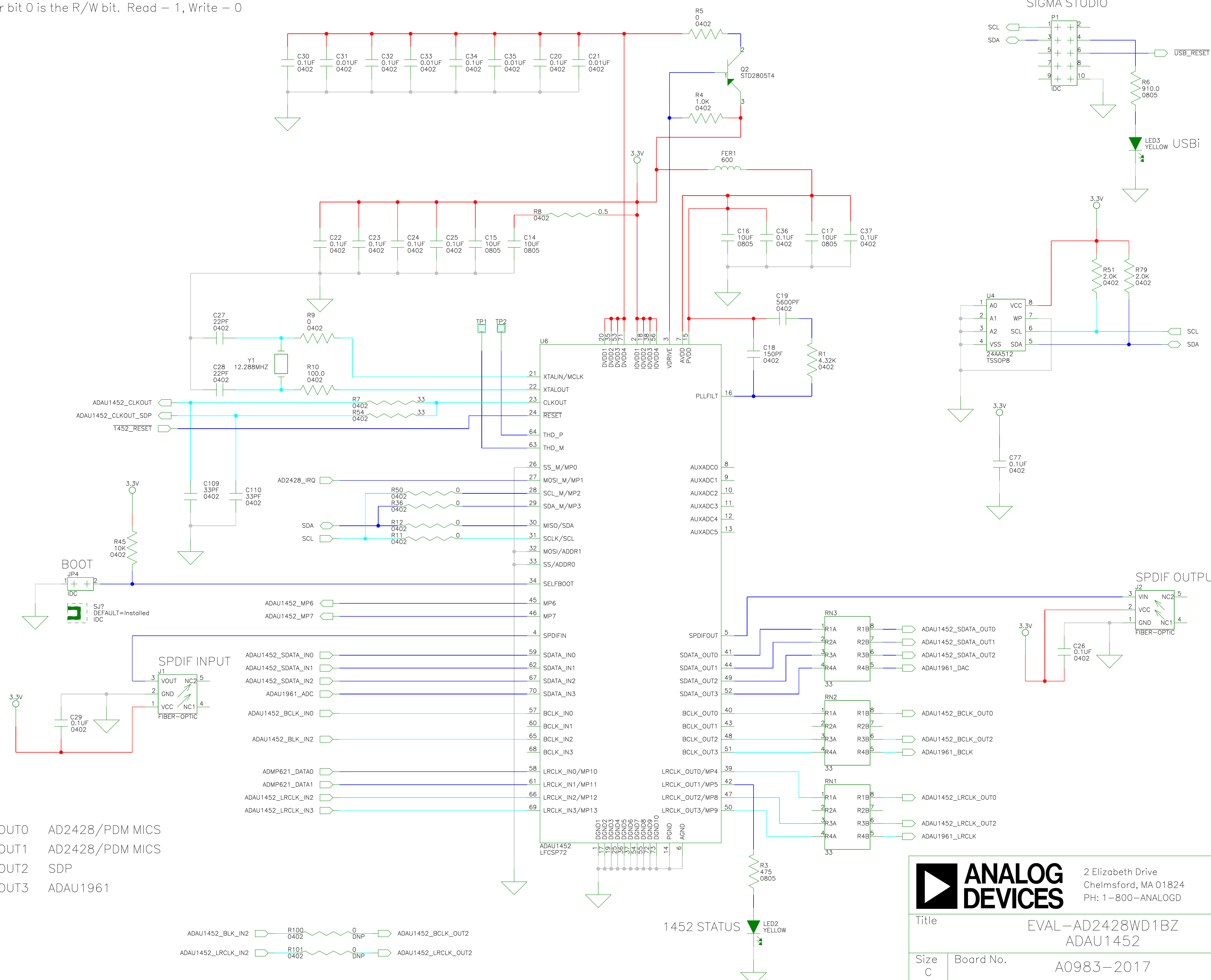
ANALOG DEVICES
 2 Elizabeth Drive
 Chelmsford, MA 01824
 PH: 1-800-ANALOGD

Title: EVAL-AD2428WD1BZ
 AD2428

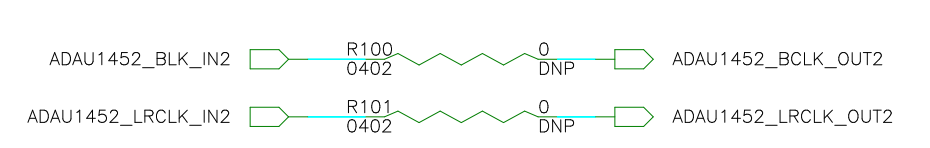
Size C	Board No. A0983-2017	Rev 1.1
Date 5/17/18	Sheet 2 of 7	

TWI Address 0111000x
 x for bit 0 is the R/W bit. Read = 1, Write = 0

SIGMA STUDIO

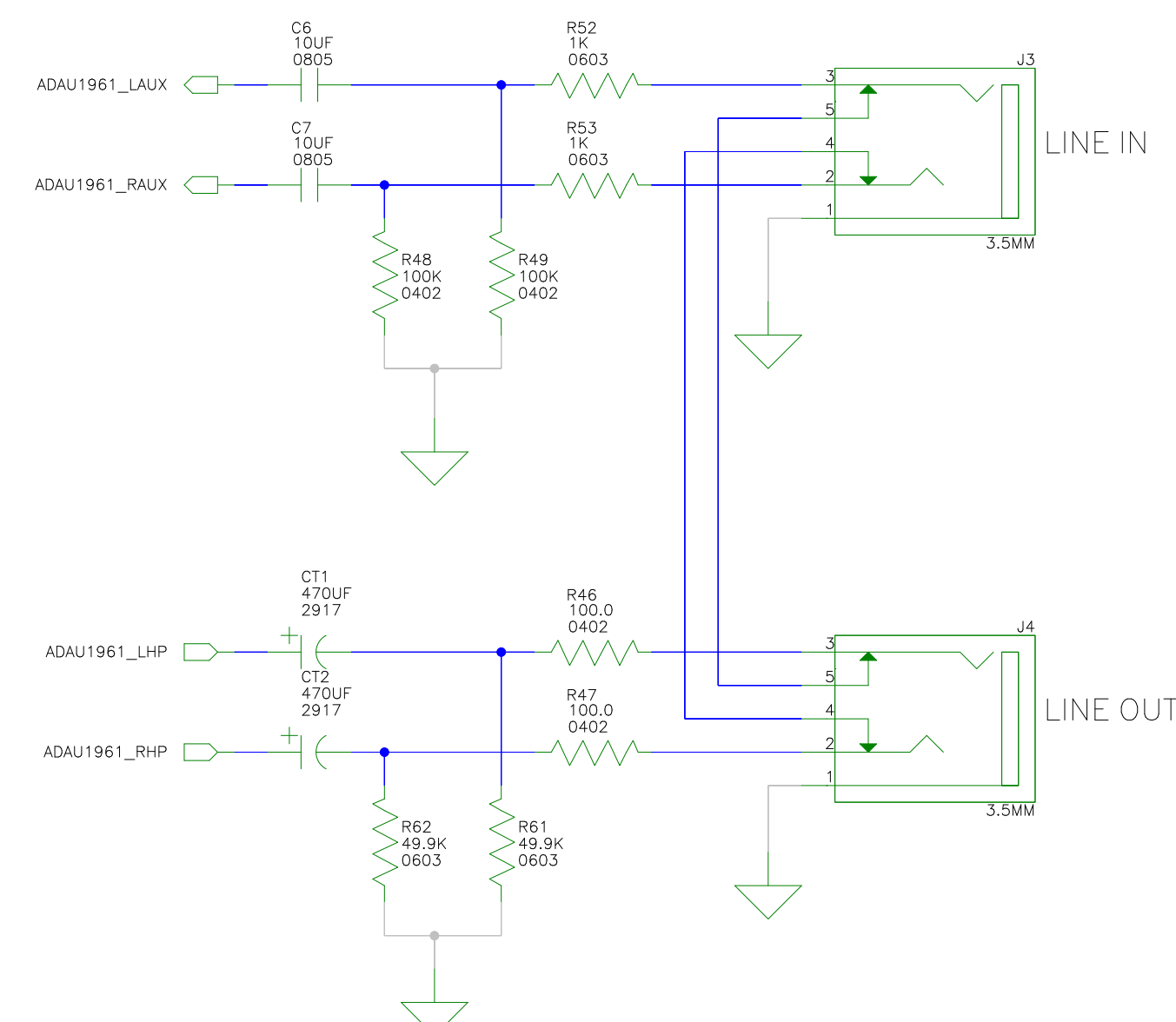
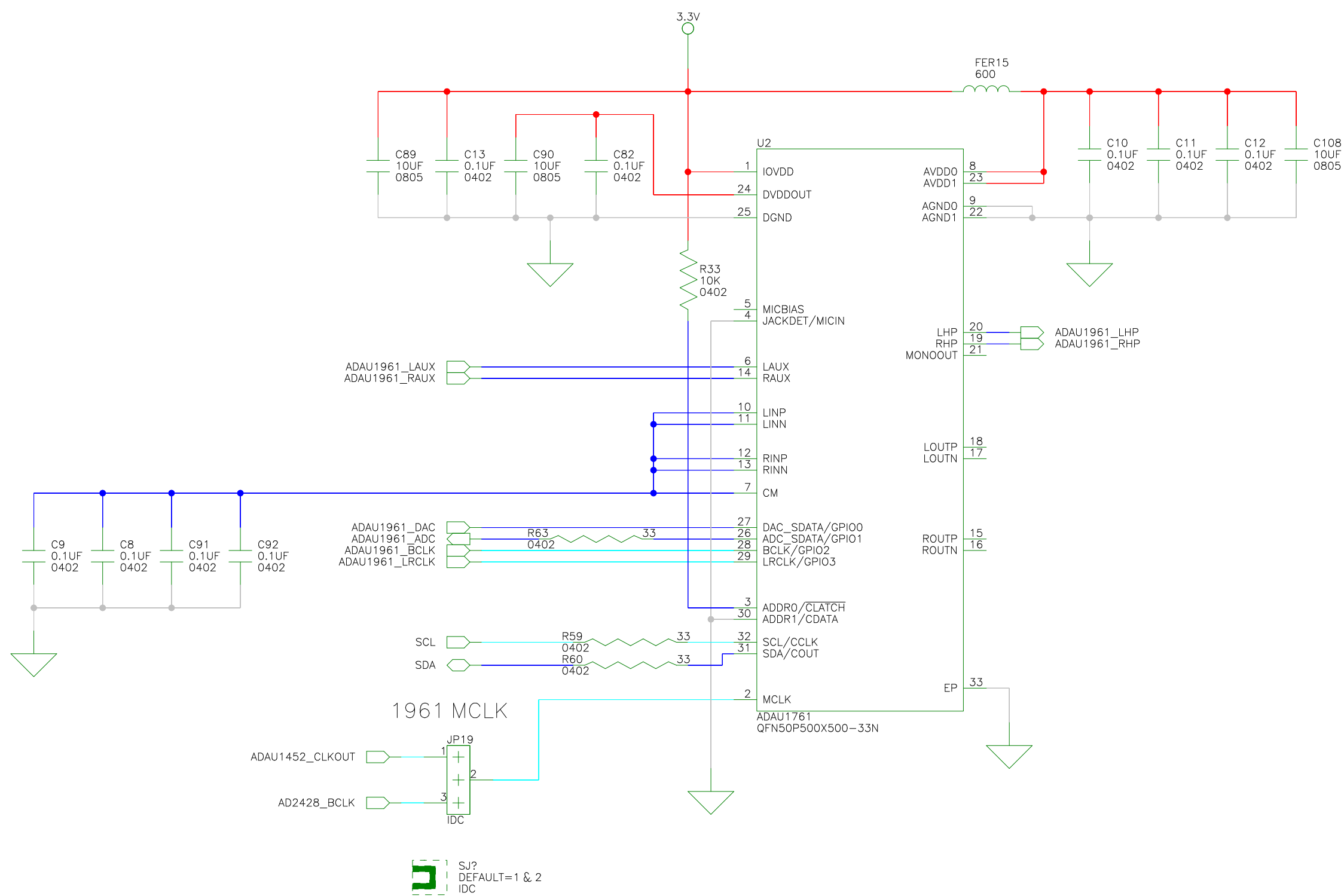


- IN/OUT0 AD2428/PDM MICS
- IN/OUT1 AD2428/PDM MICS
- IN/OUT2 SDP
- IN/OUT3 ADAU1961



1452 STATUS LED2 YELLOW

		2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD	
		Title EVAL-AD2428WD1BZ ADAU1452	
Size C	Board No. A0983-2017	Rev 1.1	
Date 5/17/18	Sheet 3 of 7		

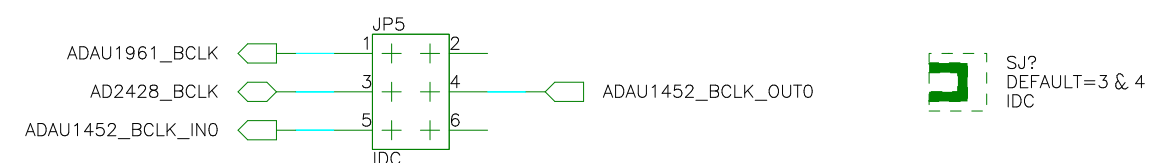


ANALOG DEVICES
 2 Elizabeth Drive
 Chelmsford, MA 01824
 PH: 1-800-ANALOG

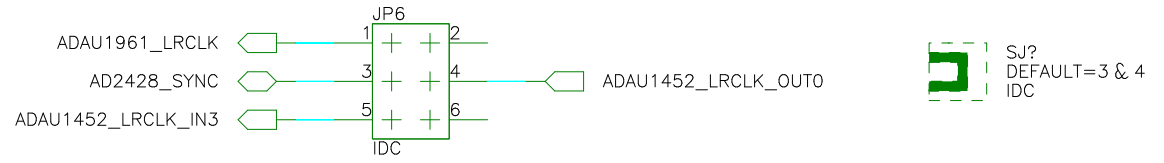
Title: EVAL-AD2428WD1BZ
 ADAU1761

Size C	Board No. A0983-2017	Rev 1.1
Date	5/17/18	Sheet 4 of 7

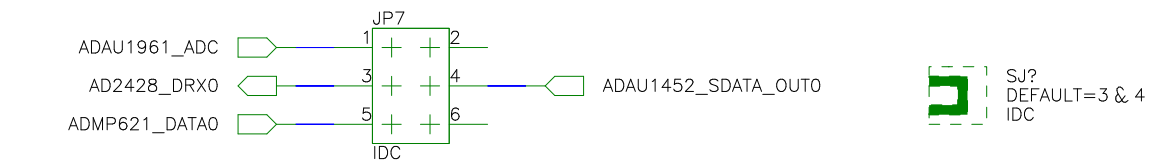
BCLK



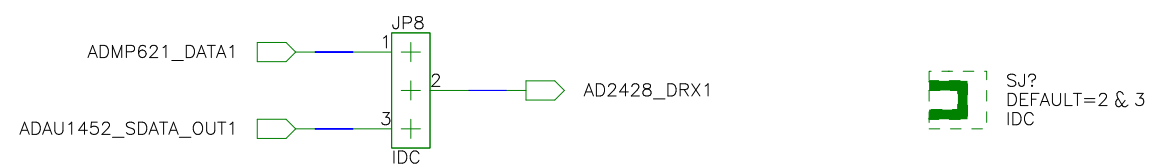
SYNC



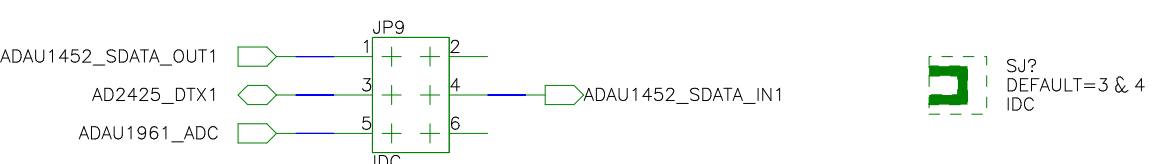
DRX0



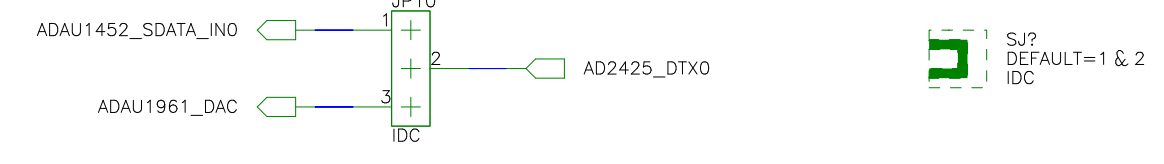
DRX1



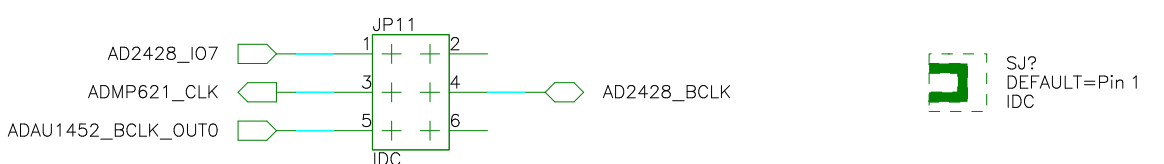
DTX1



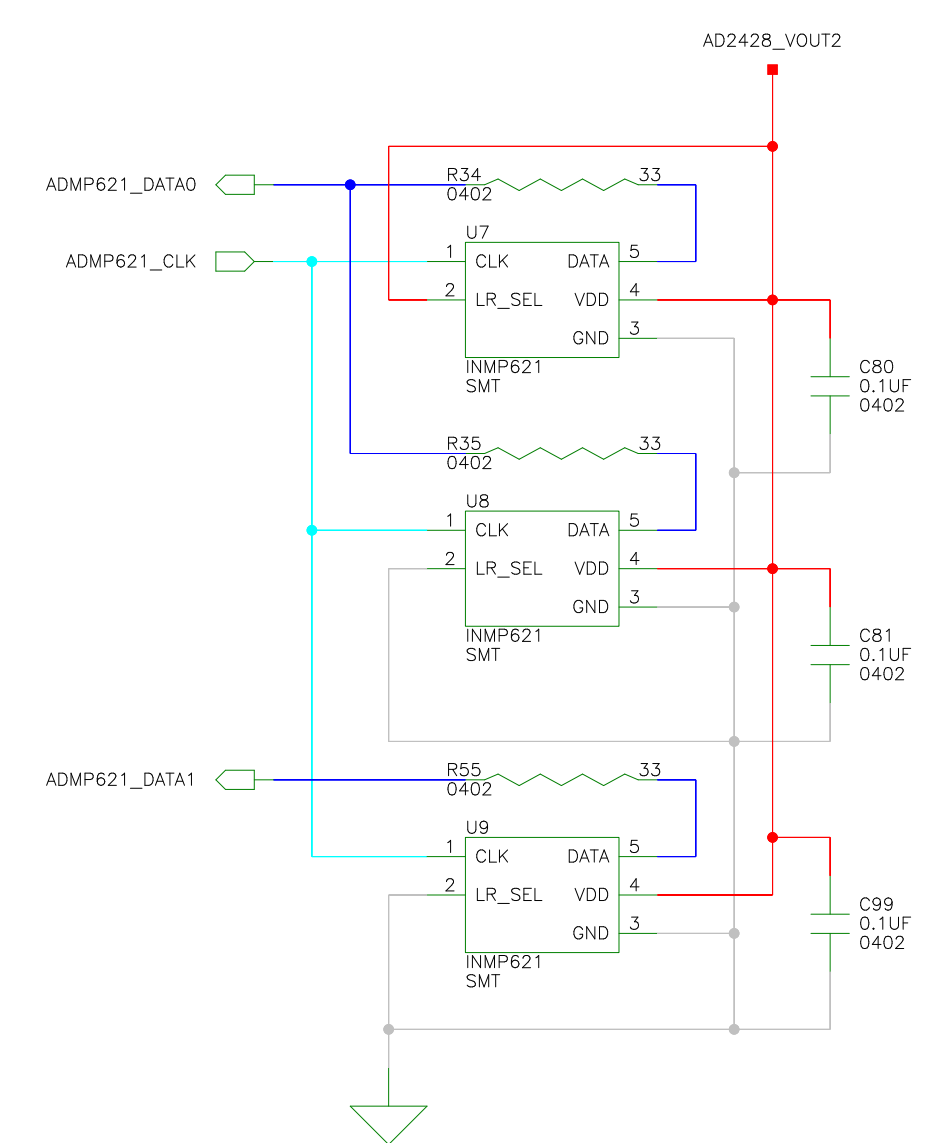
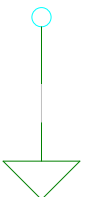
DTX0



ADP621 CLK

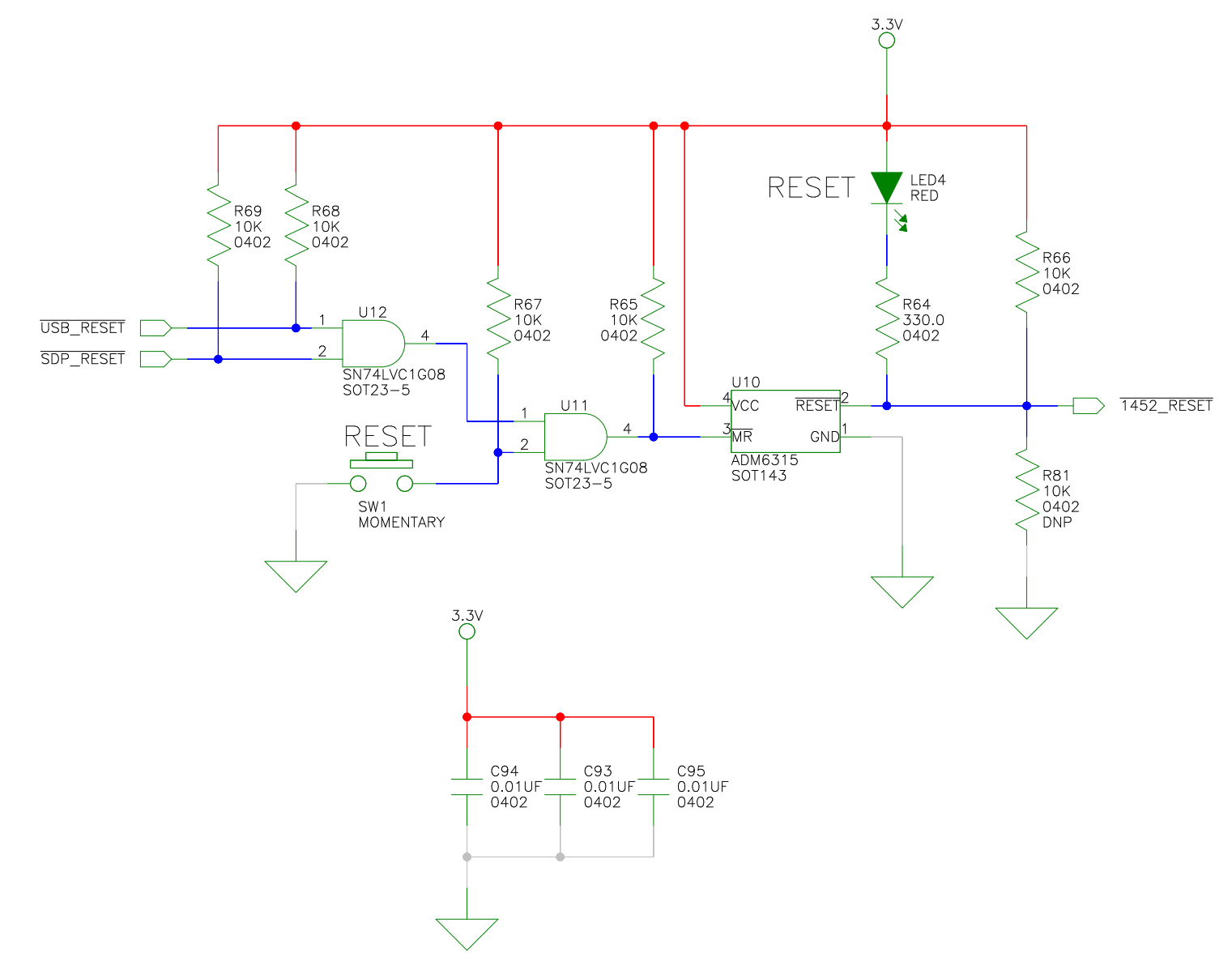
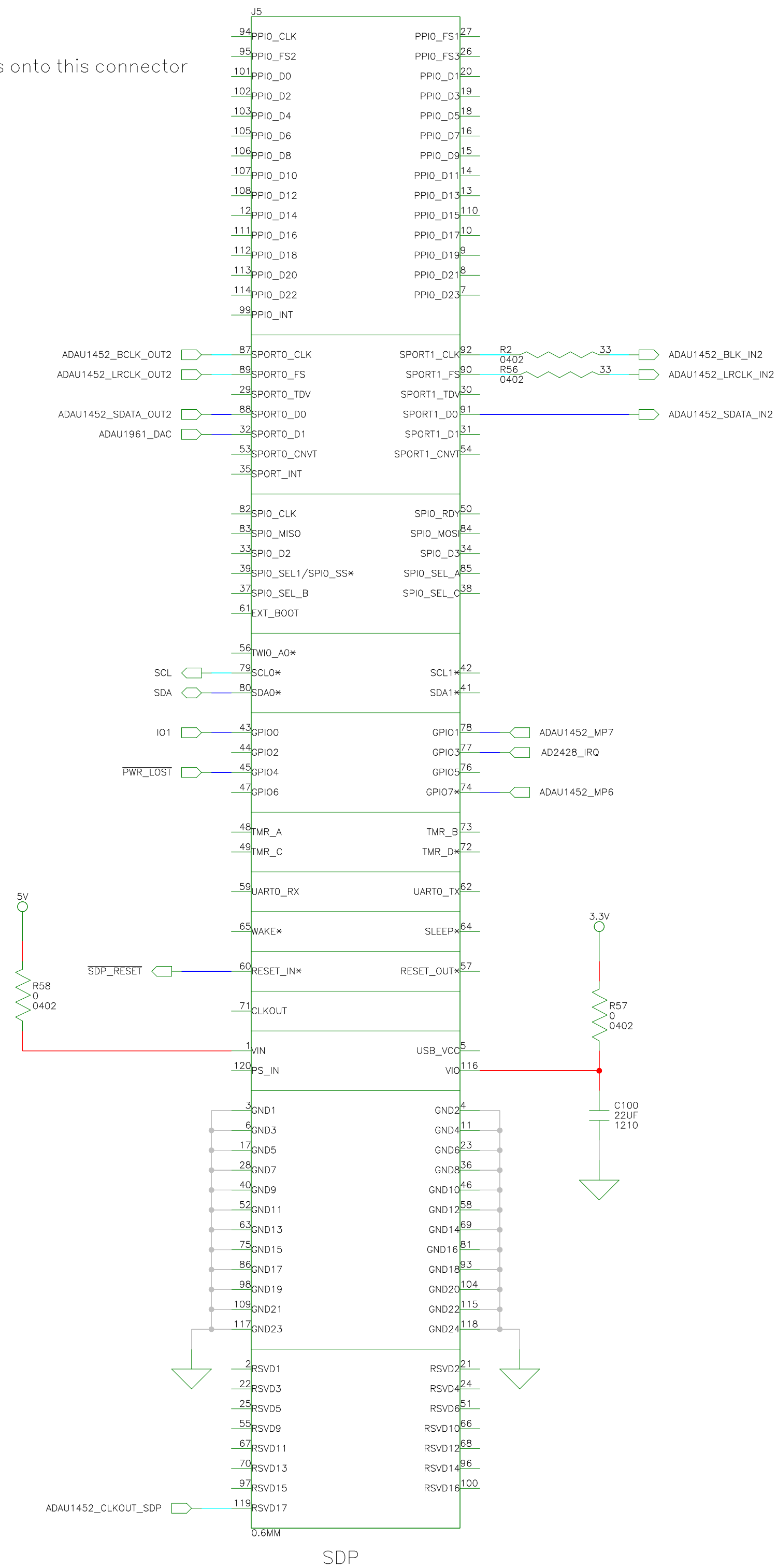



GP1

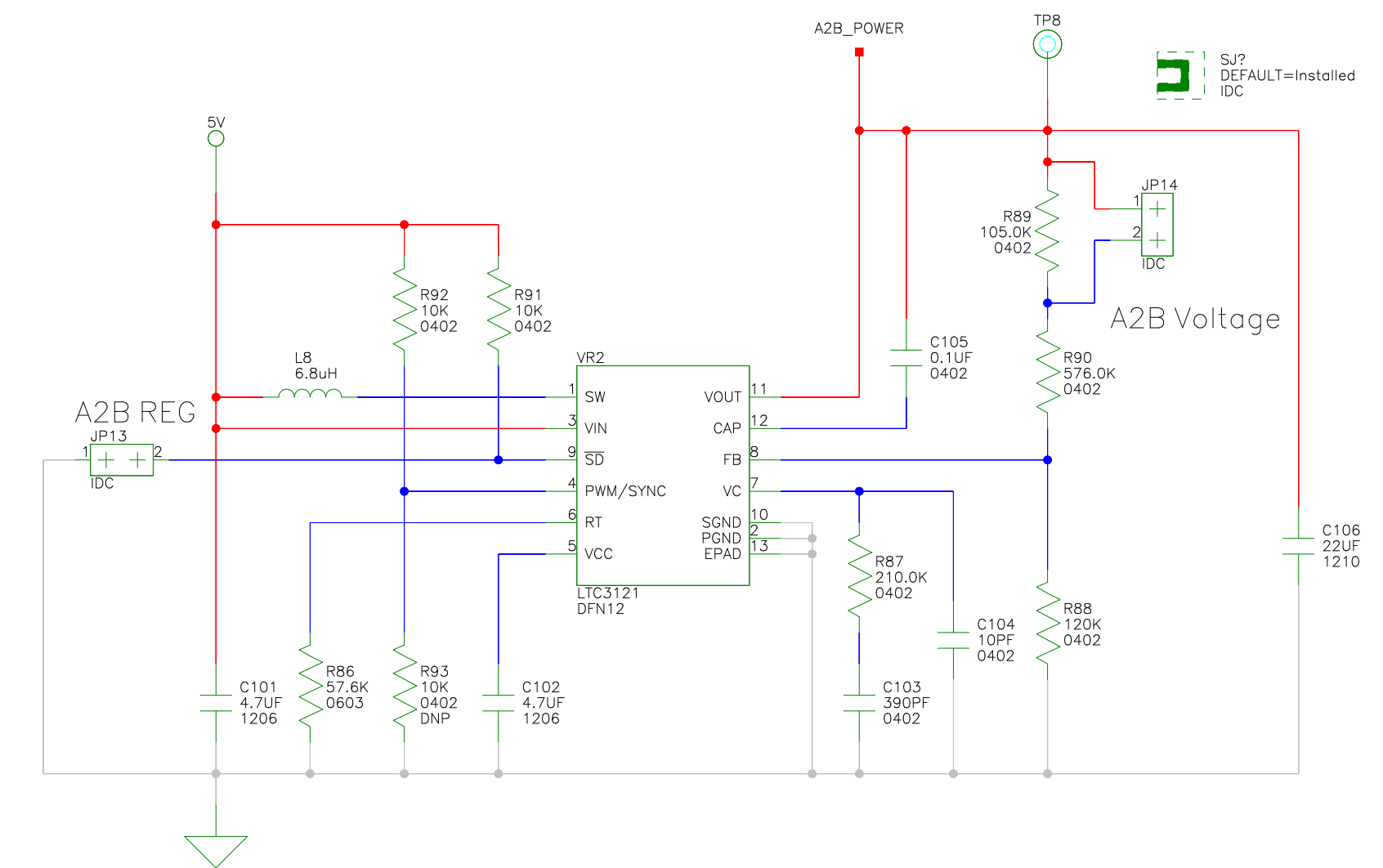
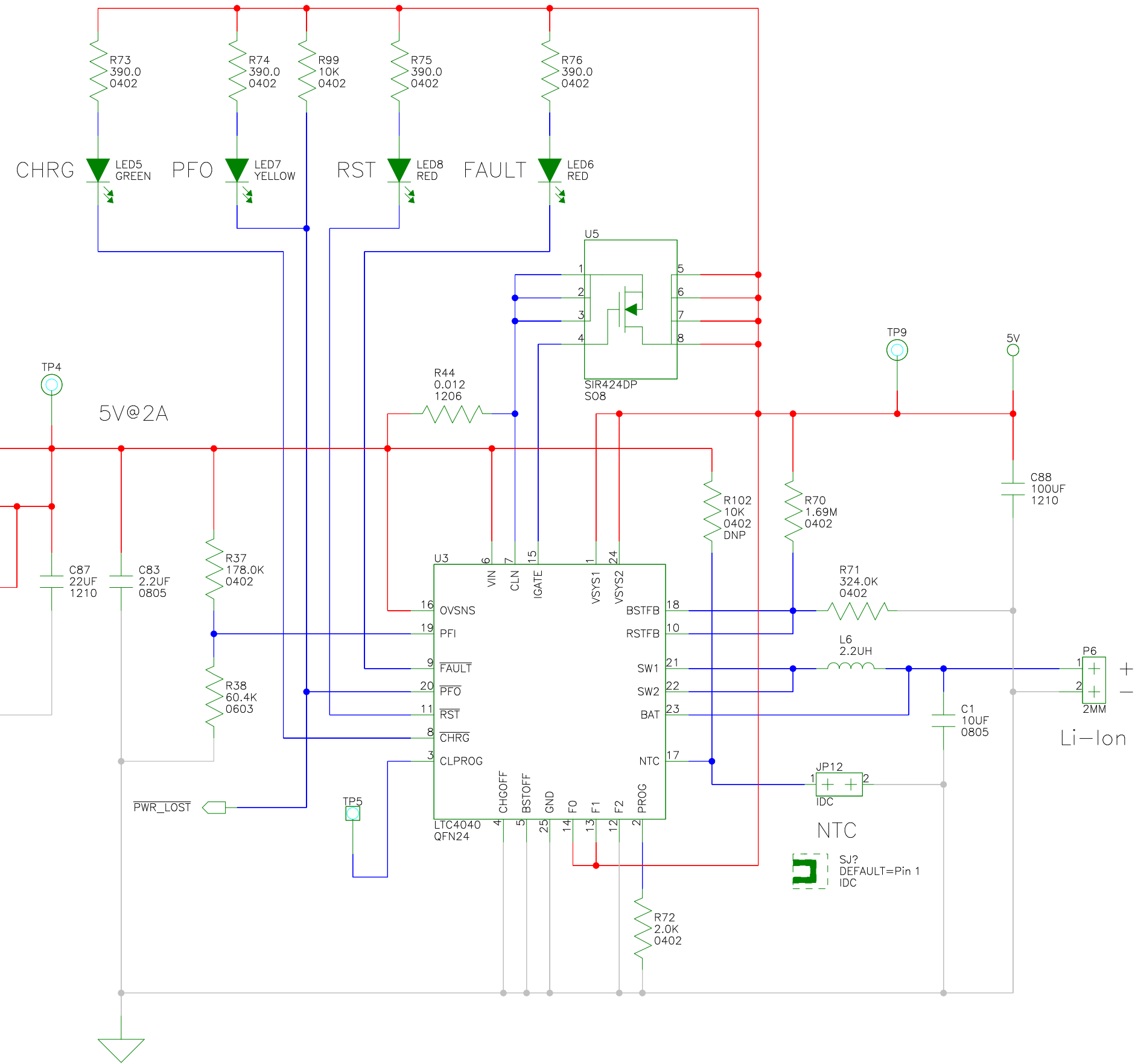
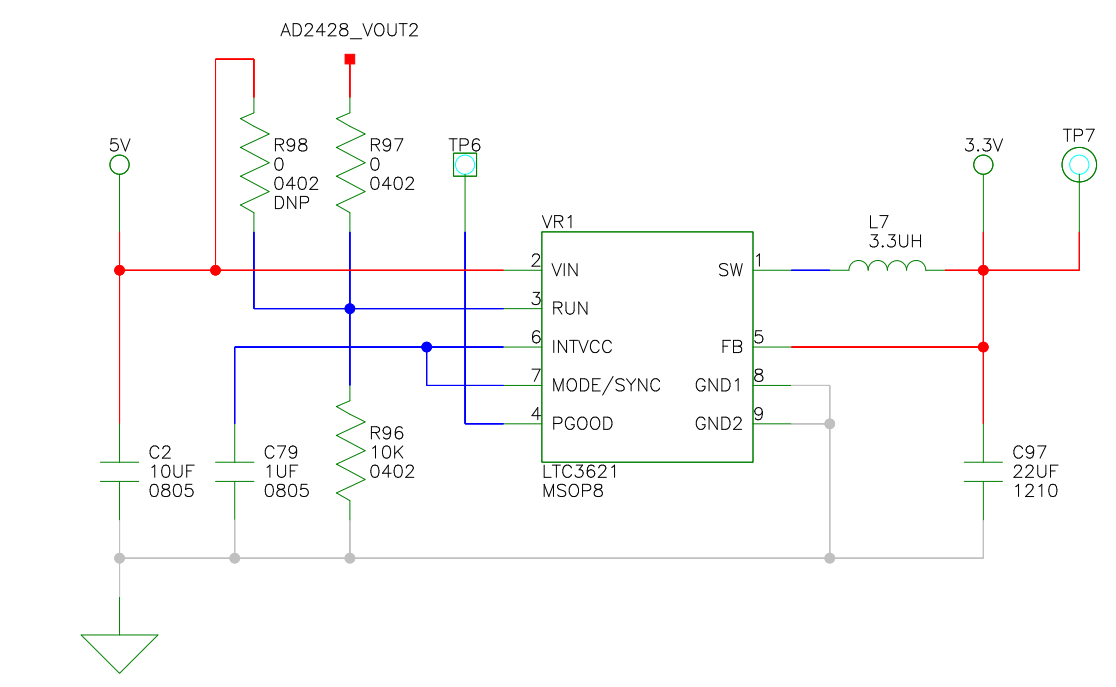
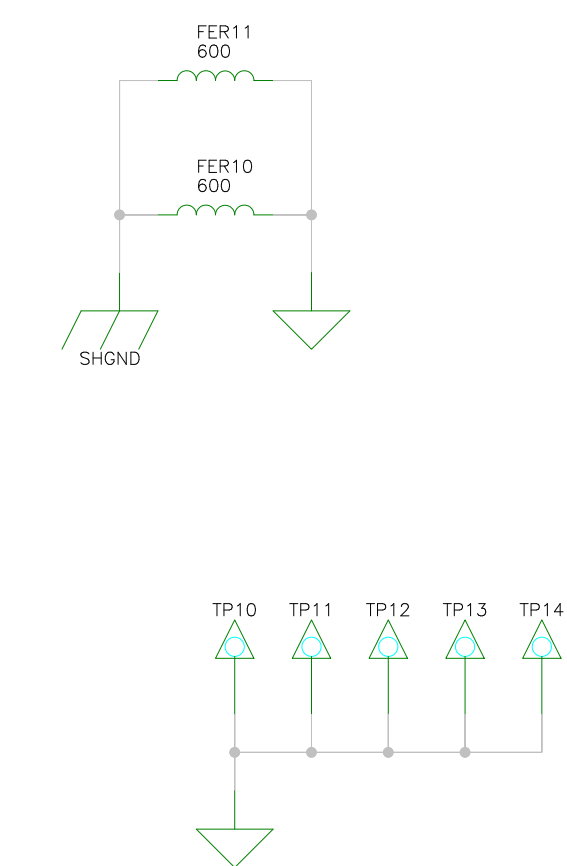
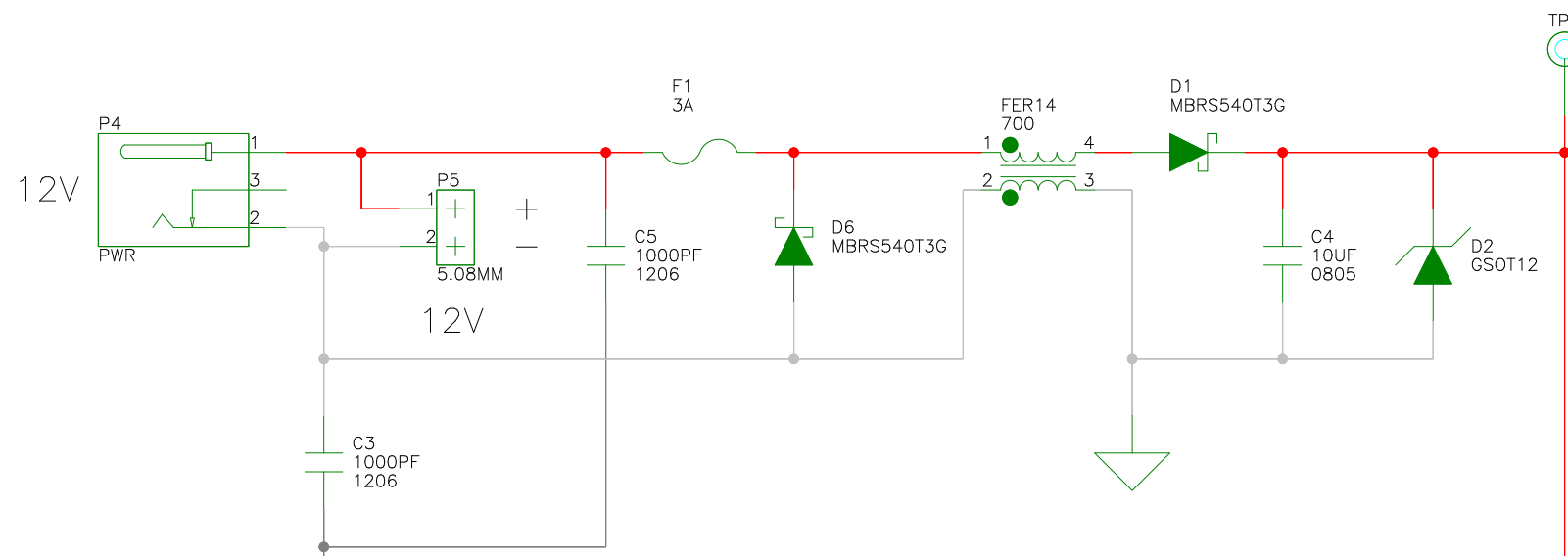


		2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOG
Title EVAL-AD2428WD1BZ Configuration/Microphones		
Size C	Board No. A0983-2017	Rev 1.1
Date	5/17/18	Sheet 5 of 7

SDP Board plugs onto this connector



		2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD	
		Title EVAL-AD2428WD1BZ EI3/Reset	
Size C	Board No. A0983-2017	Rev 1.1	
Date 5/17/18	Sheet 6 of 7		



A2B POWER	Jumper
7V	Installed
8V	Not Installed

ANALOG DEVICES 2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

Title: EVAL-AD2428WD1BZ Power

Size C Board No. A0983-2017 Rev 1.1

Date 5/17/18 Sheet 7 of 7