

A

B

C

D

1

1

2

2

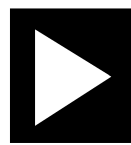
3

3

4

4

EVAL—AD2428WD1BZ
Schematic



**ANALOG
DEVICES**

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

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=Installed
IDC

A2B POWER

SLAVE Towards Last Slave

MASTER Towards Master



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

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

ADAU1452_BLK_IN2 R100 0402 0 DNP ADAU1452_BCLK_OUT2
ADAU1452_LRCLK_IN2 R101 0402 0 DNP ADAU1452_LRCLK_OUT2

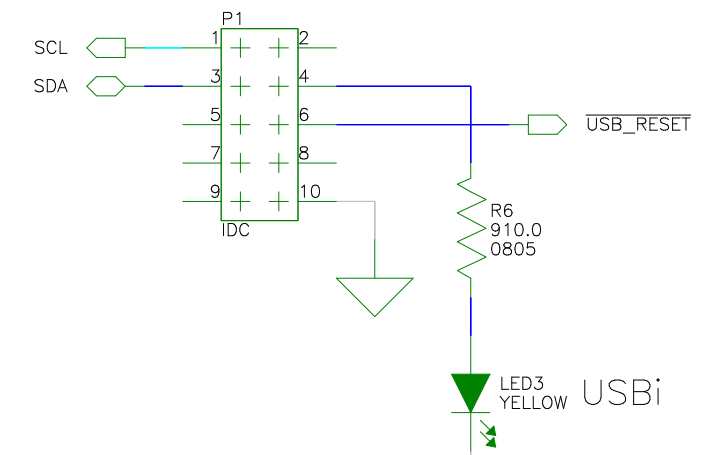
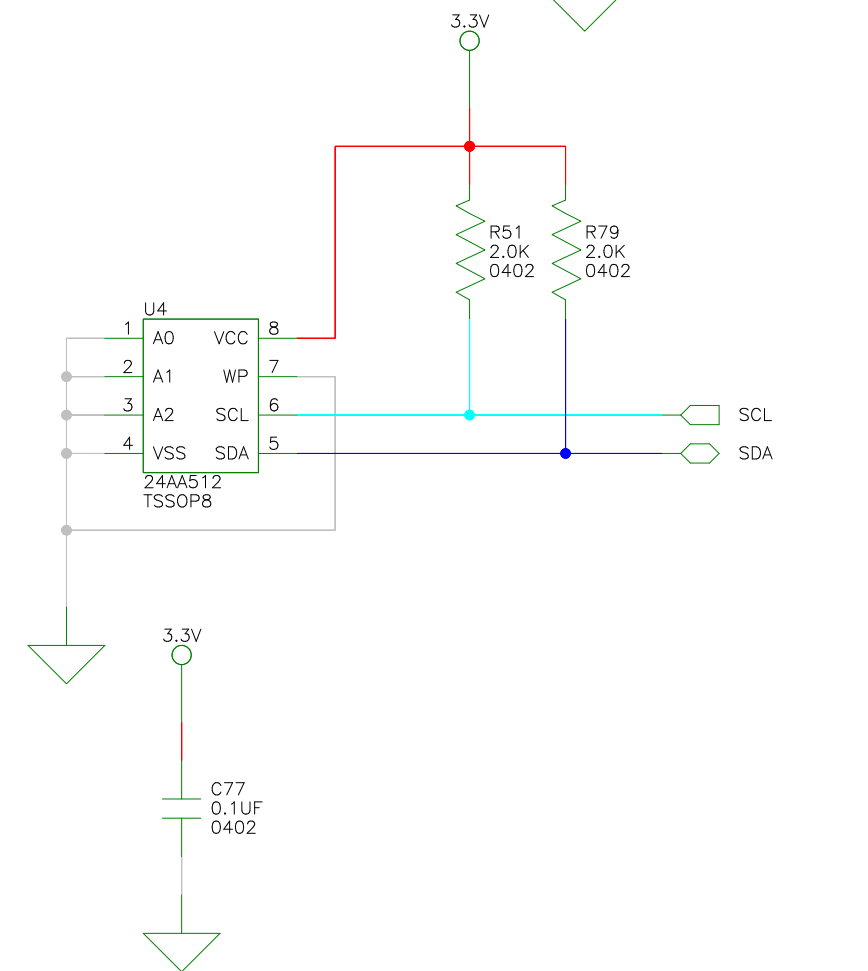
1452 STATUS LED2 YELLOW



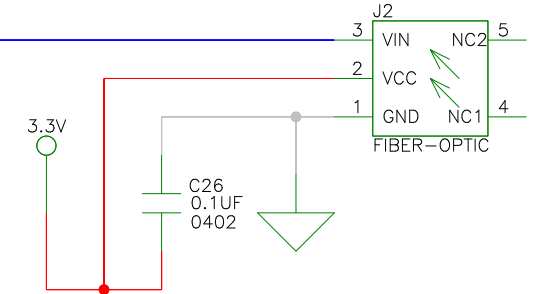
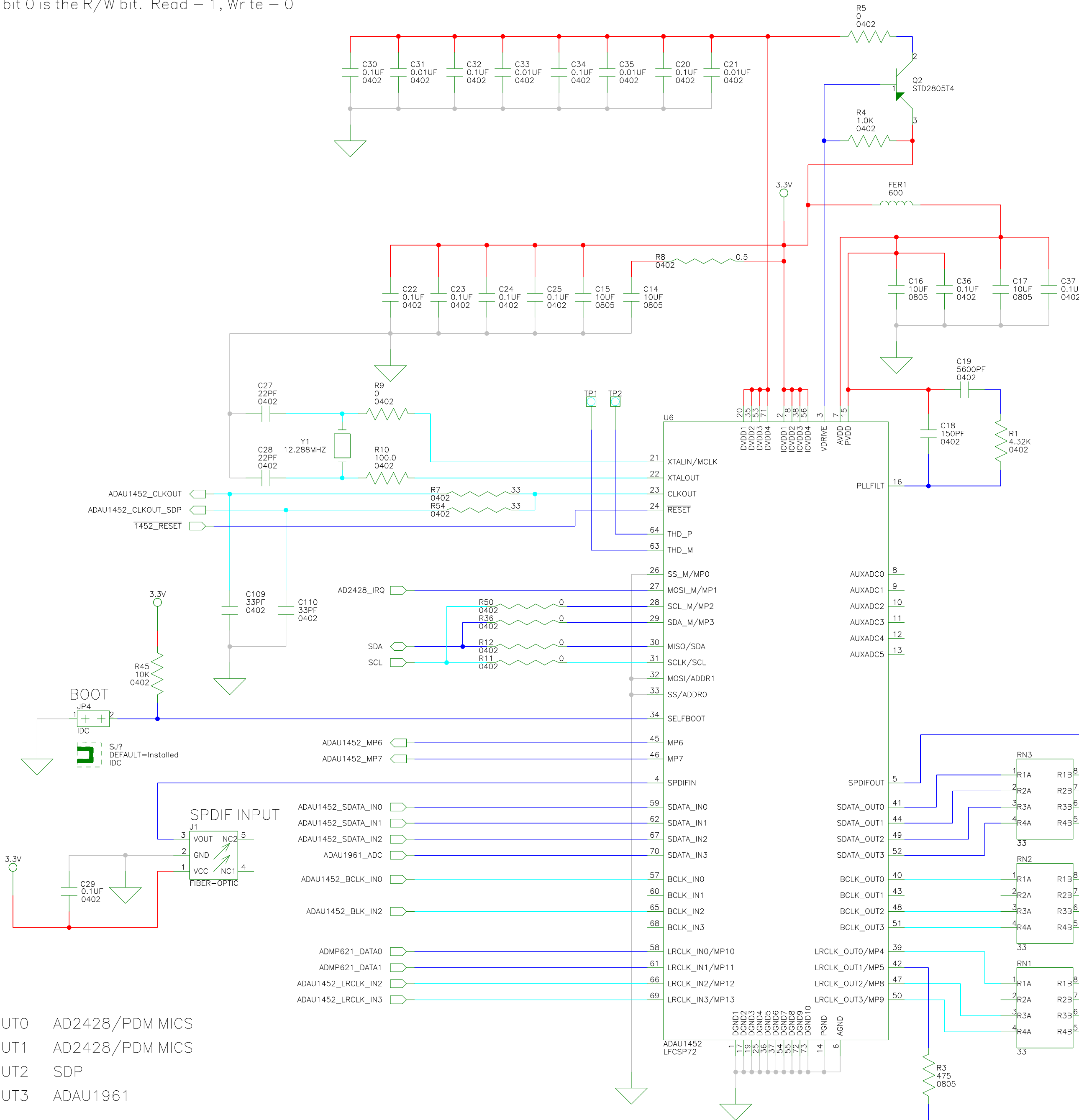
2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

Title EVAL-AD2428WD1BZ ADAU1452		
Size C	Board No. A0983-2017	Rev 1.1
Date 5/17/18	Sheet 3 of 7	

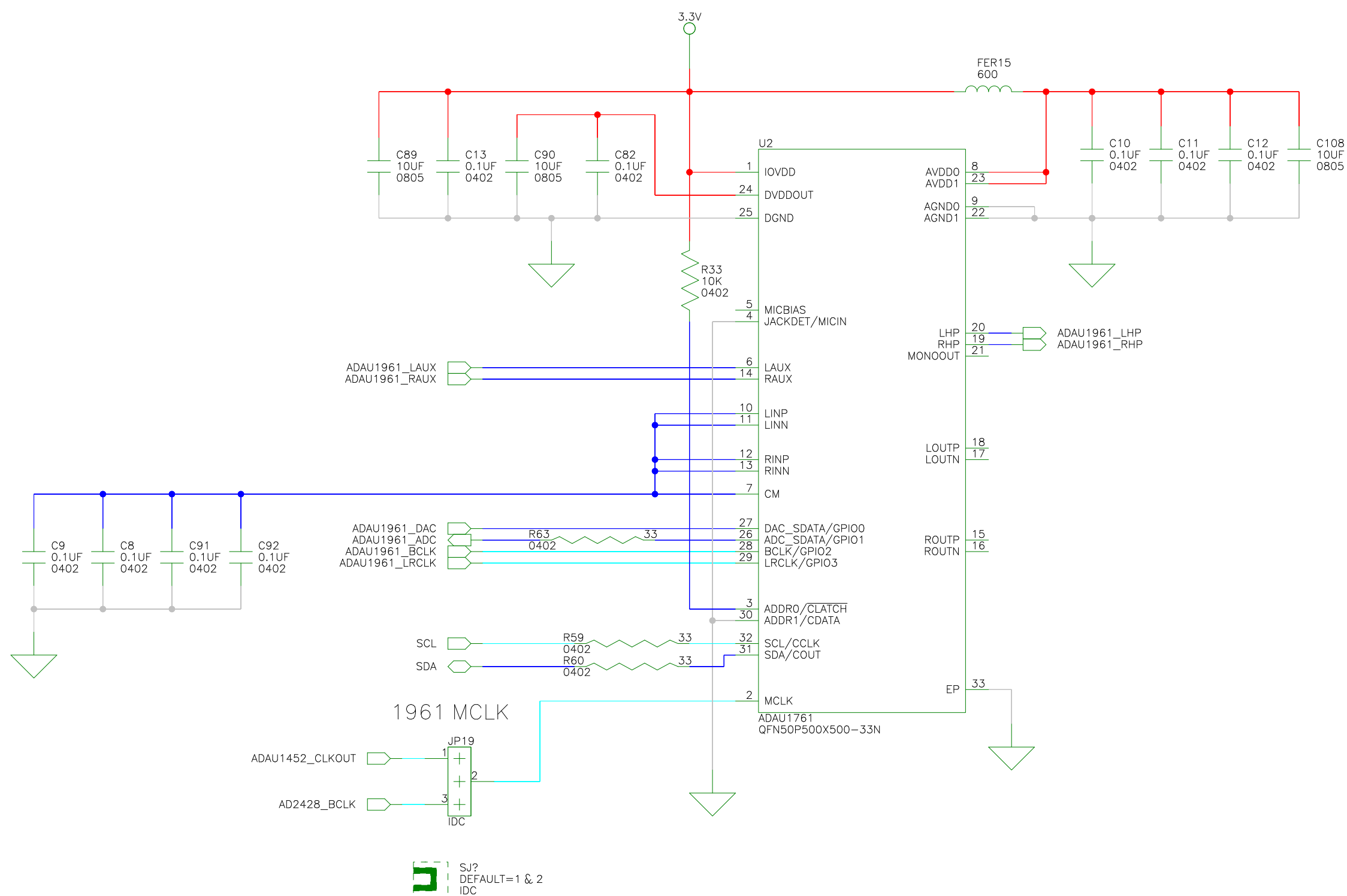
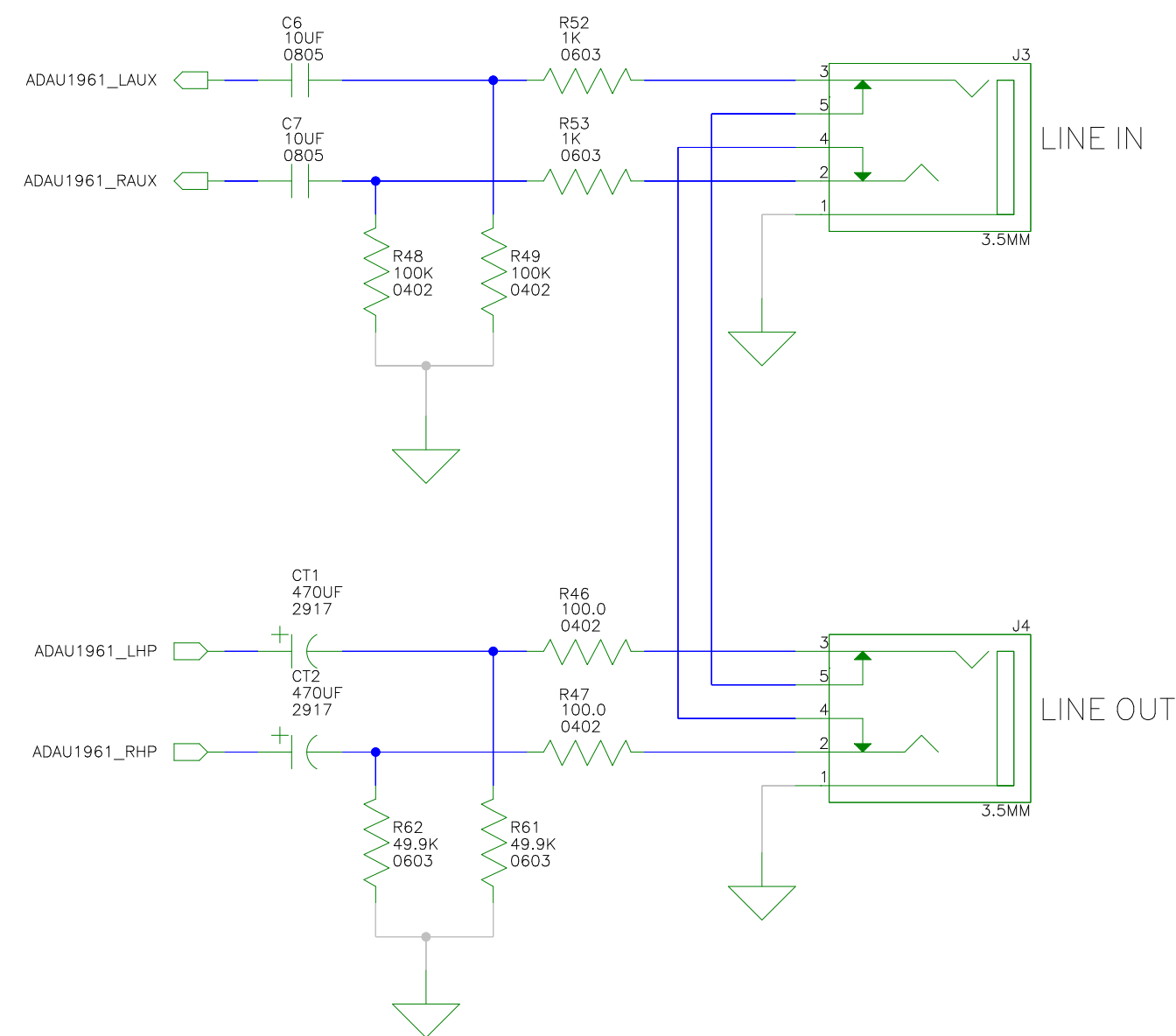
SIGMA STUDIO



SPDIF OUTPUT



1452 STATUS LED2 YELLOW

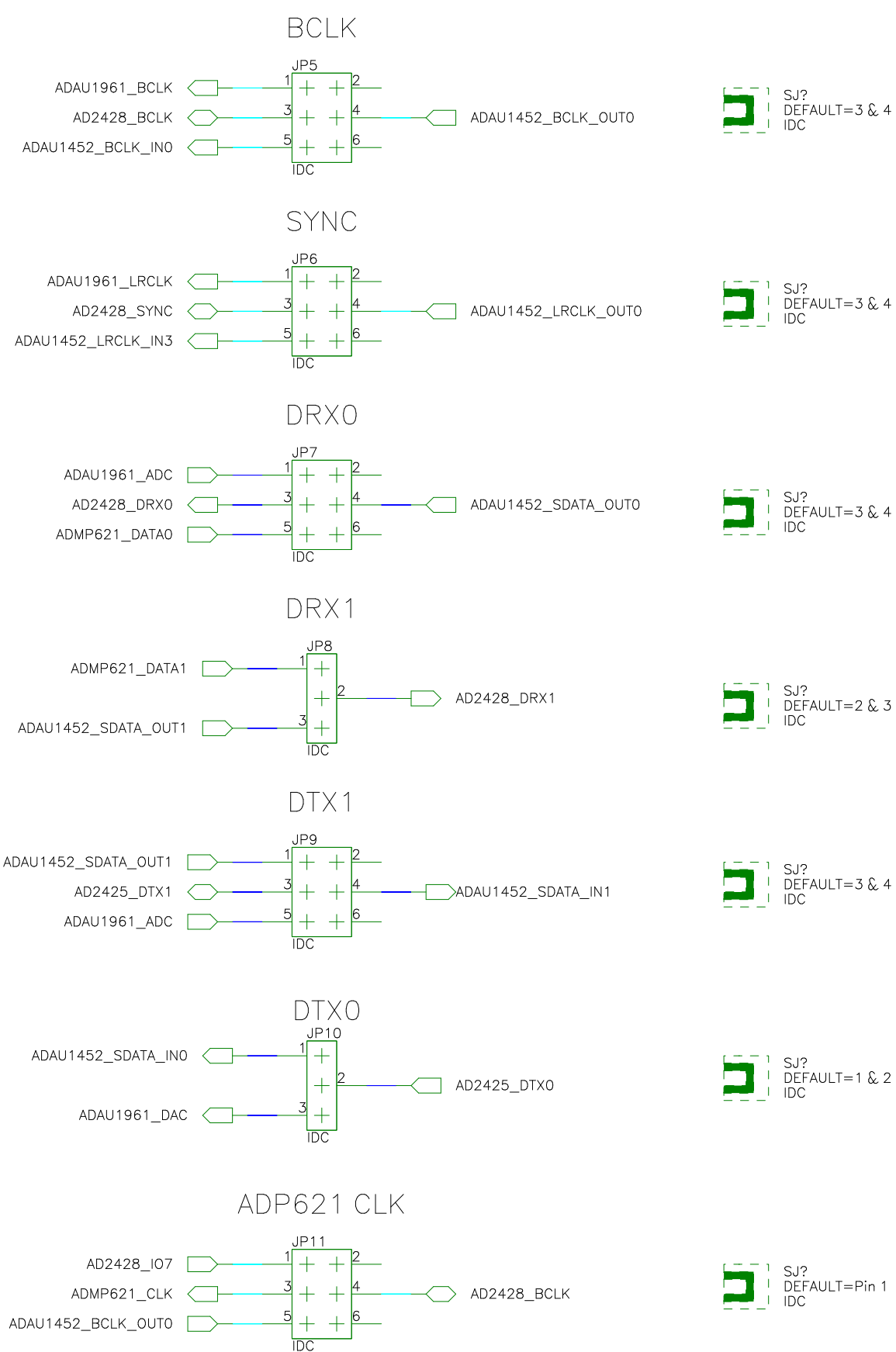
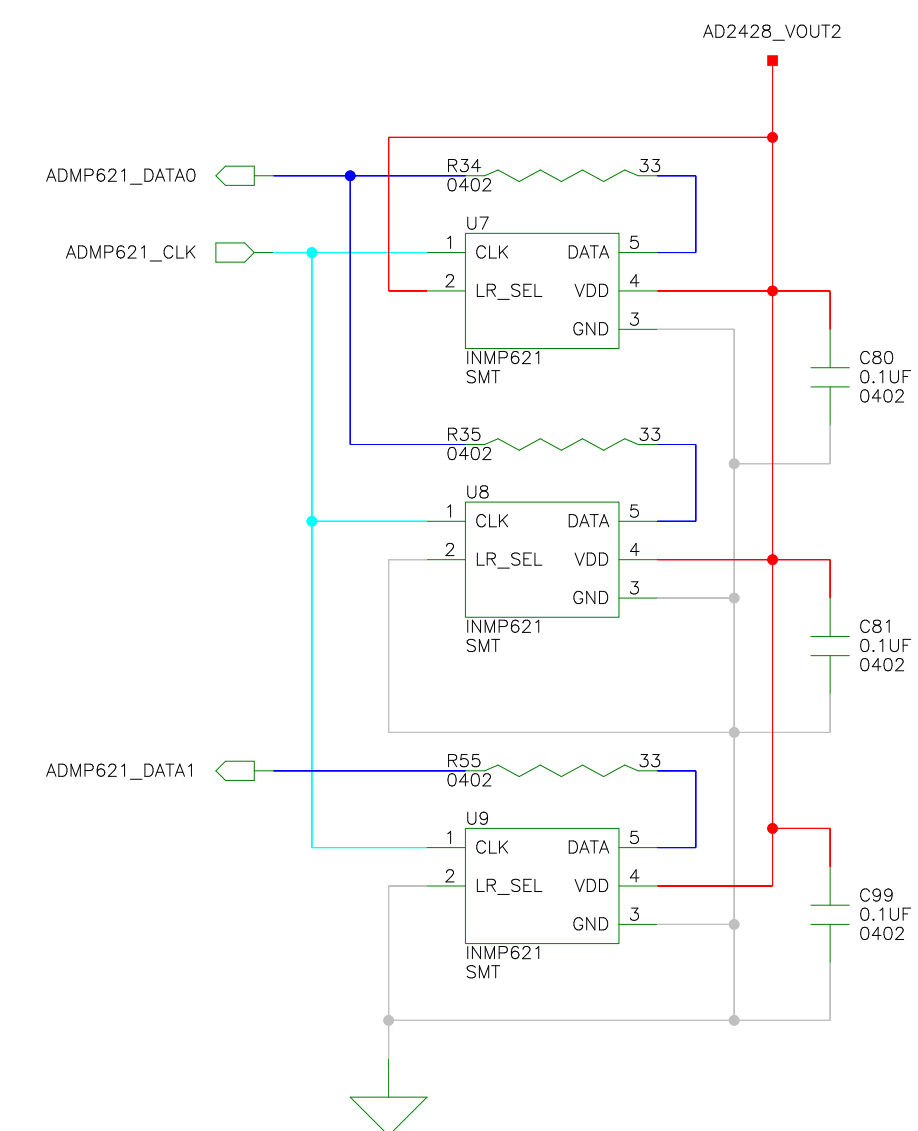
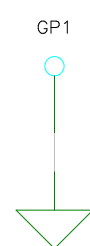


2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

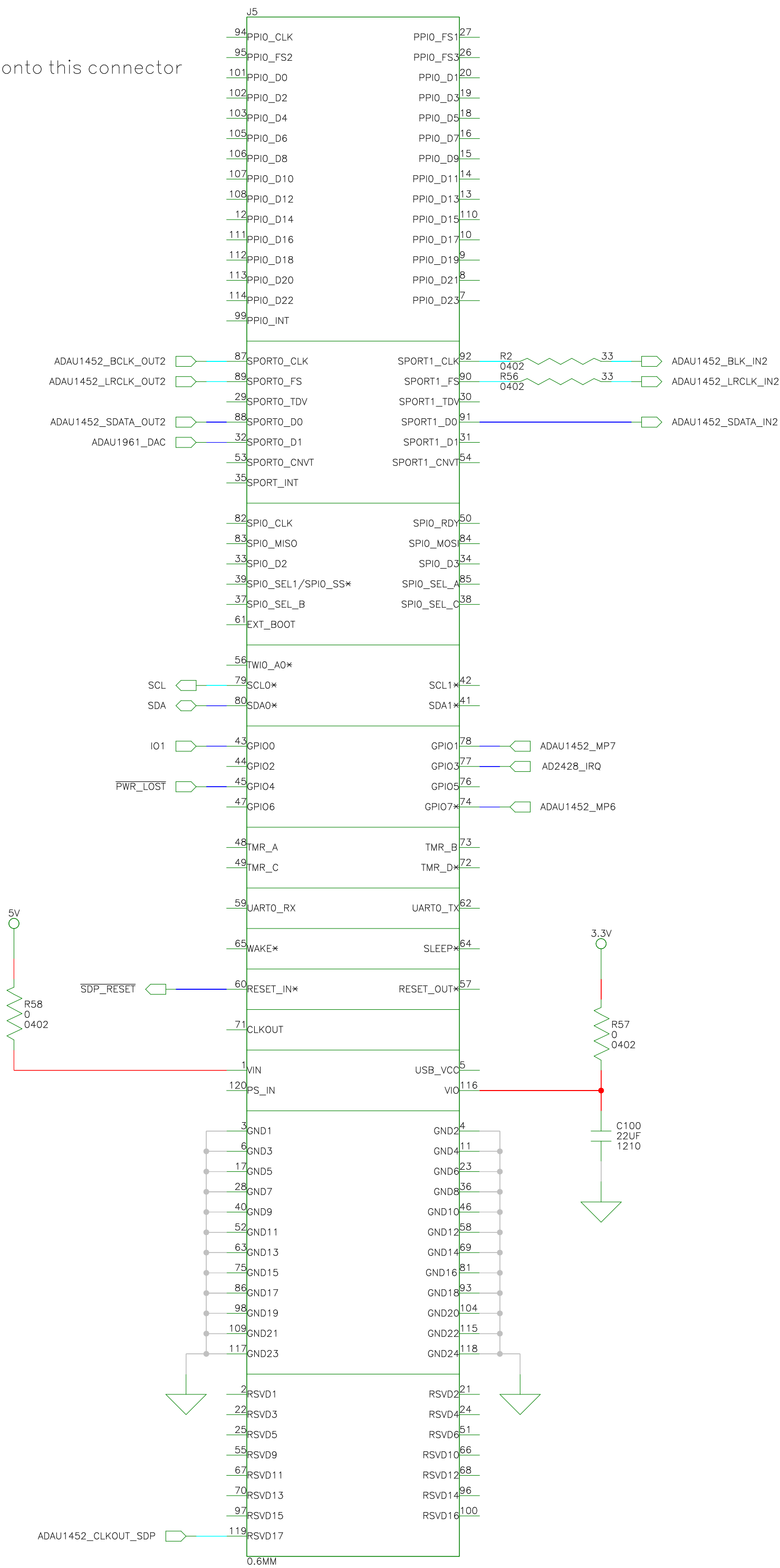
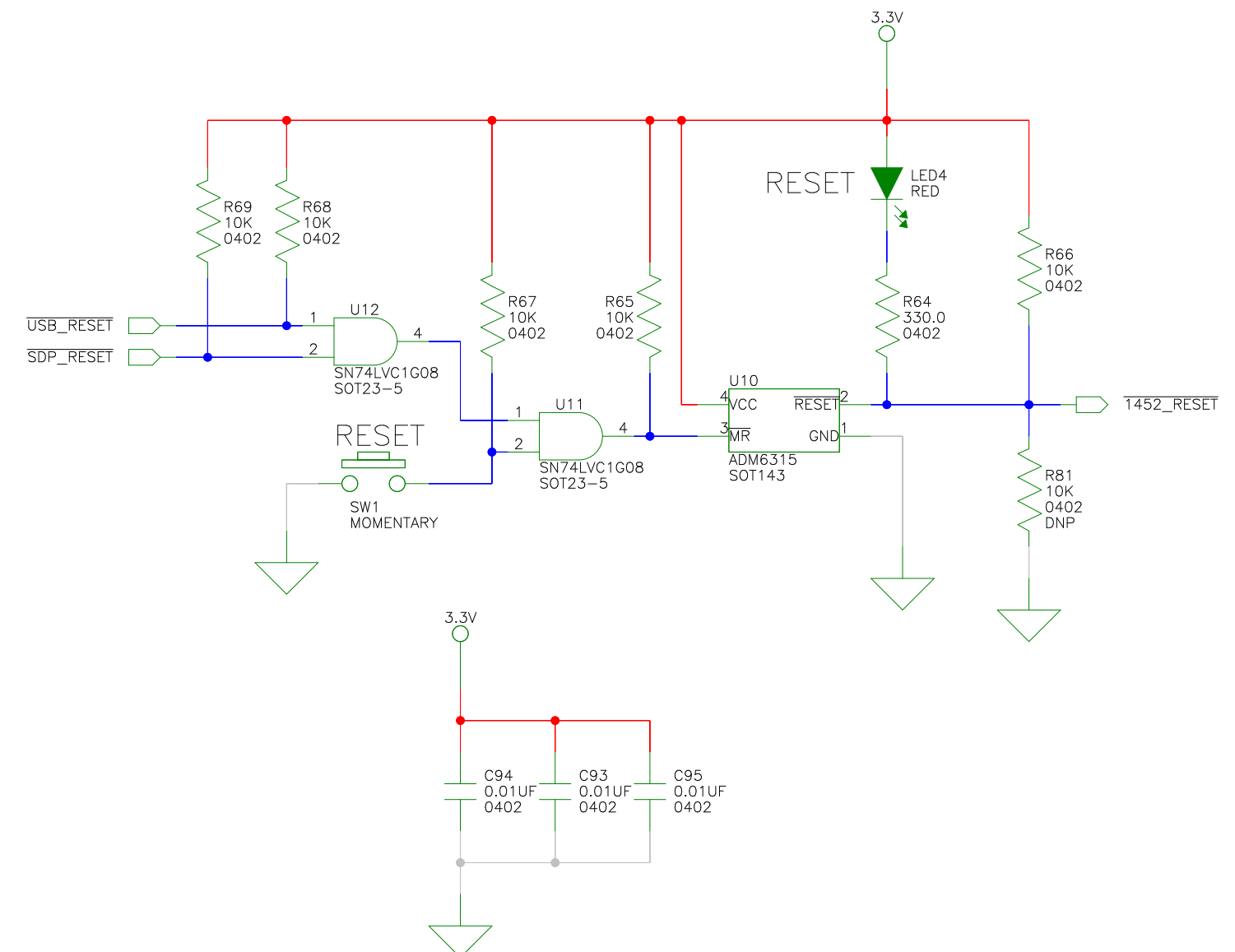
Title EVAL-AD2428WD1BZ
ADAU1761

Size Board No. Rev
C A0983-2017 1.1

Date 5/17/18 Sheet 4 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

1

2

3

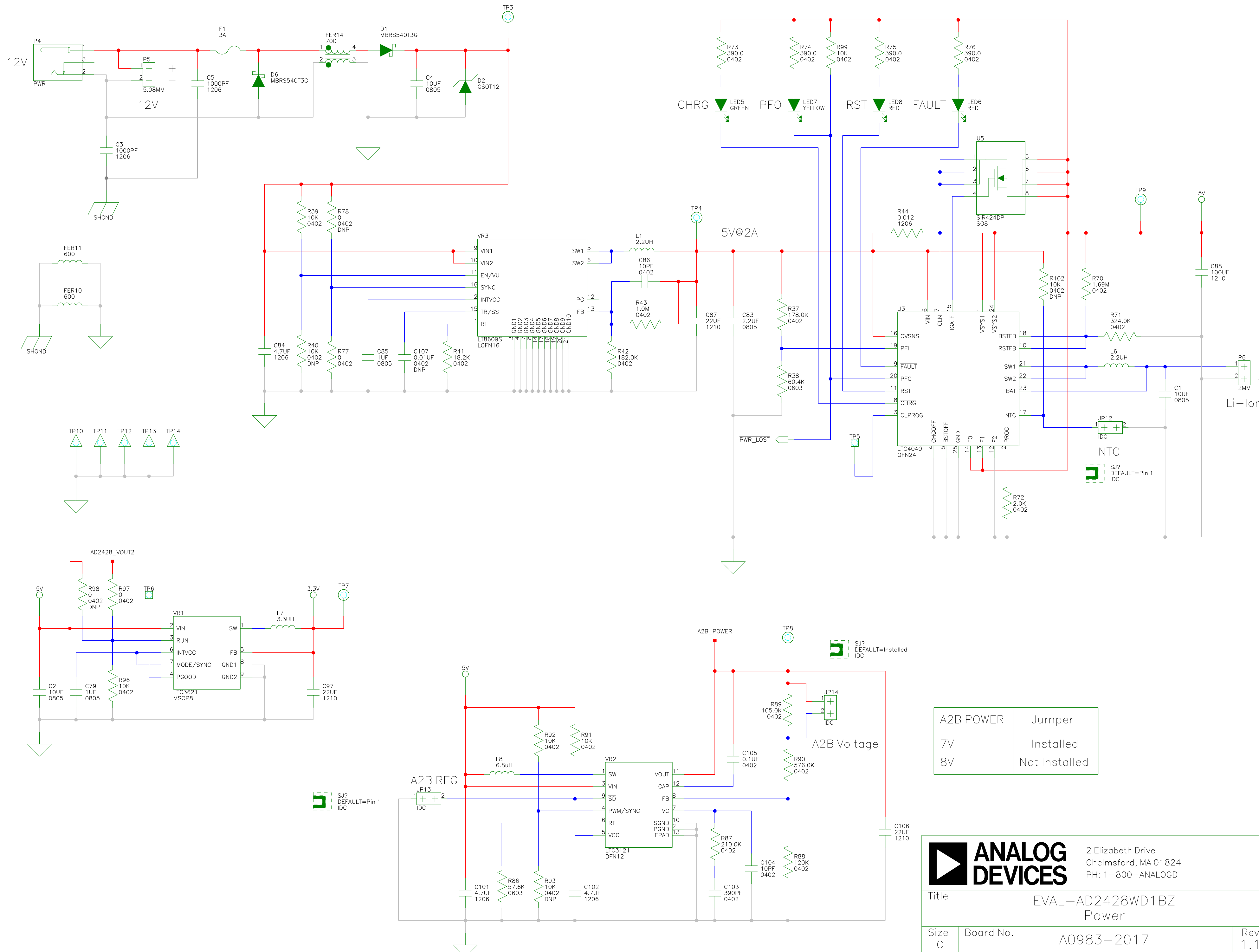
4

1

2

3

4



A2B POWER	Jumper
7V	Installed
8V	Not Installed



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