

A

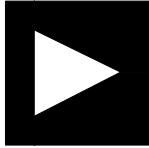
B

C

D

ADSP-CM403F EZ-KIT

SCHEMATIC

		ANALOG DEVICES		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
Title		ADSP-CM403F EZ-KIT TITLE			
Size C	Board No.	A0342-2012		Rev	1.0
Date	08/27/2013		Sheet	1	of 10

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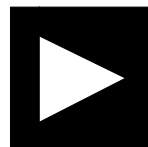
A

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REV	ECO#	DESCRIPTION	ENGR	DATE
0.1		Initial release	GC	09/14/2012
0.1A	ECO2012-069	BOM REV now 0.2, removed JTAG pullups, TRST pulldown now 4.7K, enabled ADP2119 (VR1)	GC	10/31/2012
0.2	ECO2013-002	ADC channels renumbered, TWI pullups changed, removed SPI flash, see ECO2013-02 for more detail	GC	02/11/2013
0.2A	ECO2013-035	TRST pulled up	GC	07/09/2013
1.0		Revision 0.2 of PCB (A0342-2012) should have been been 1.0 to match ECO schematics rev now matches PCB.	GC	08/27/2013

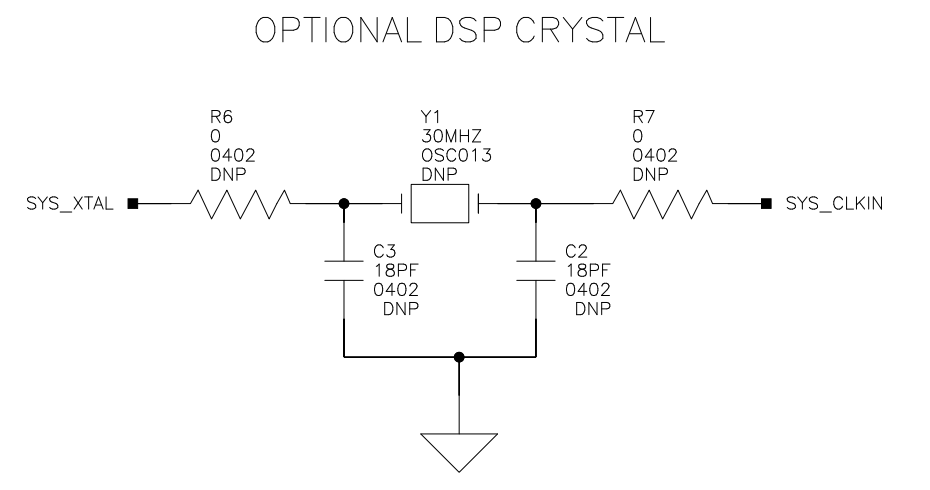
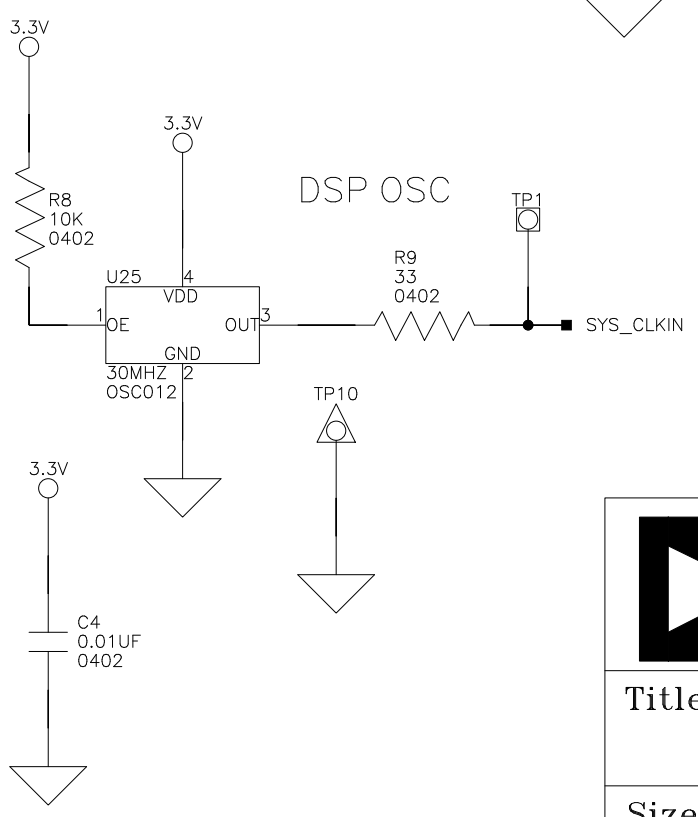
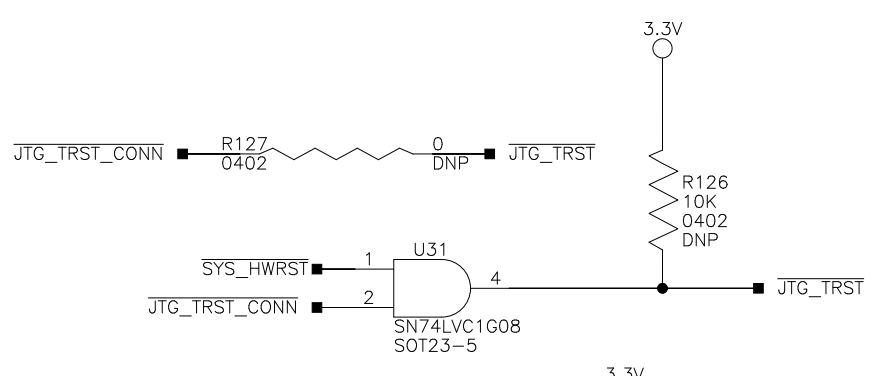
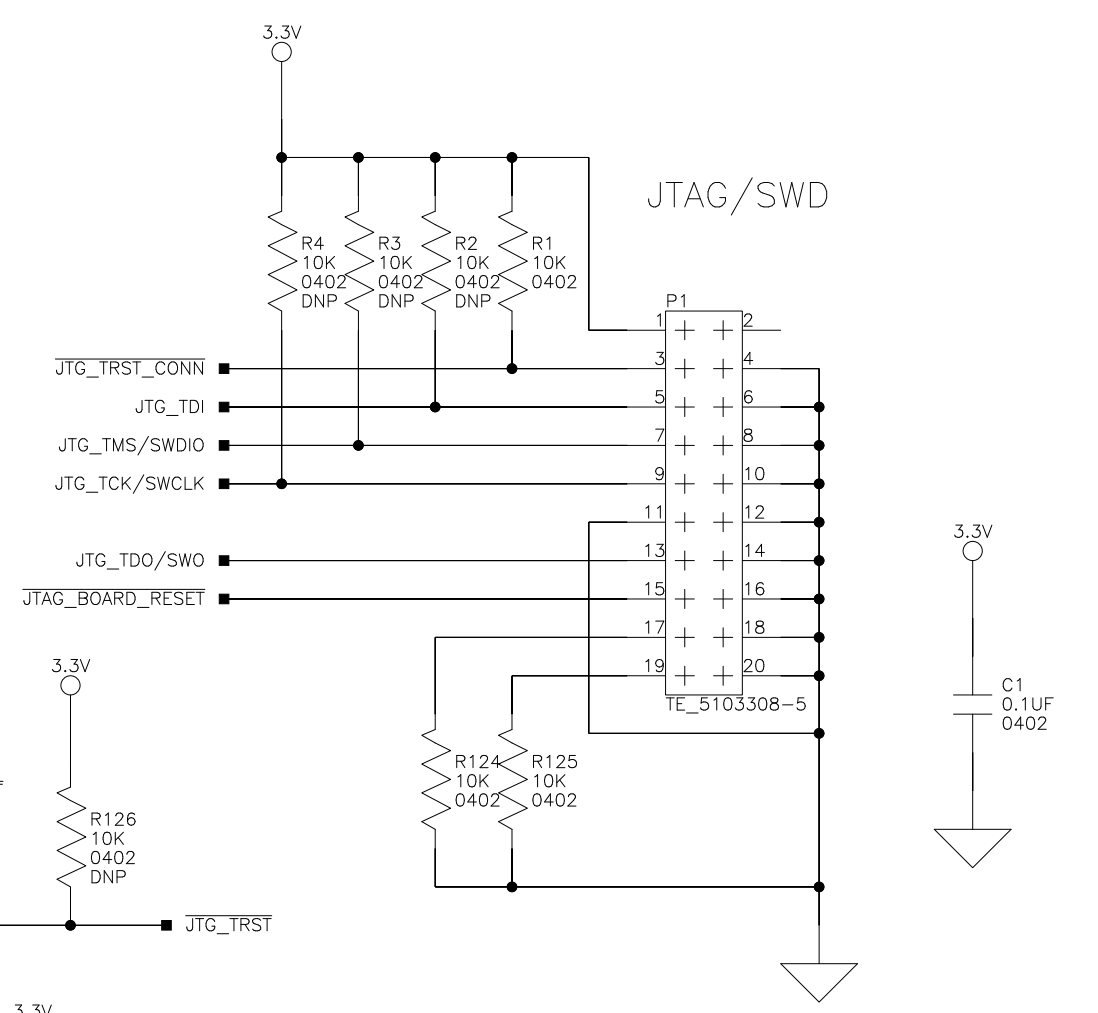
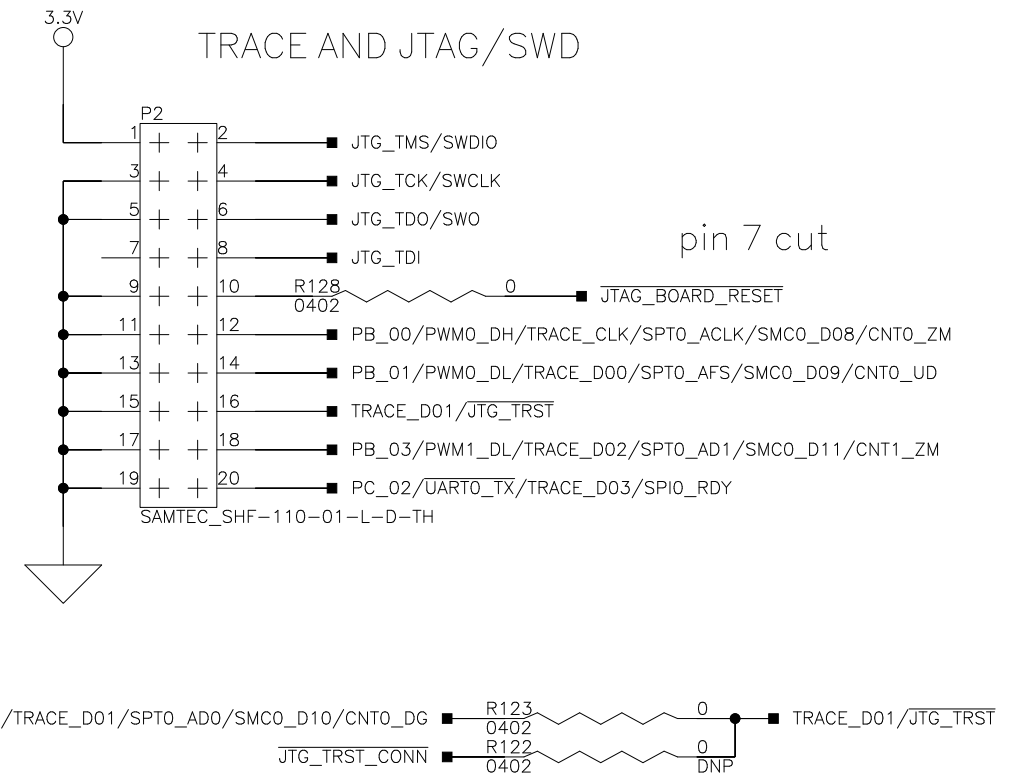
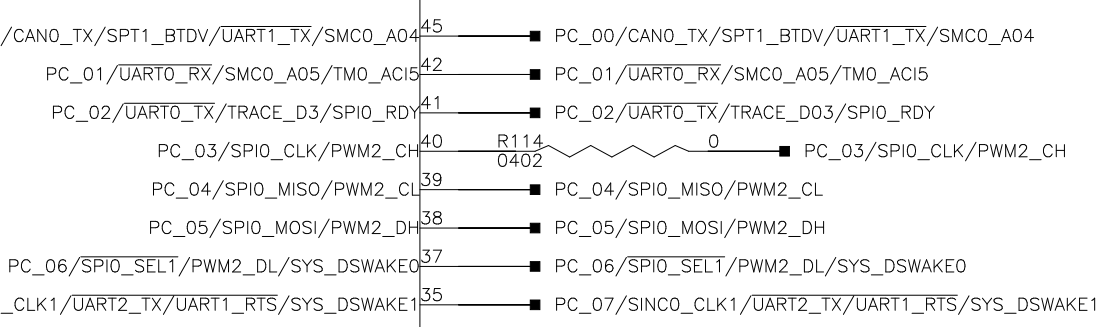
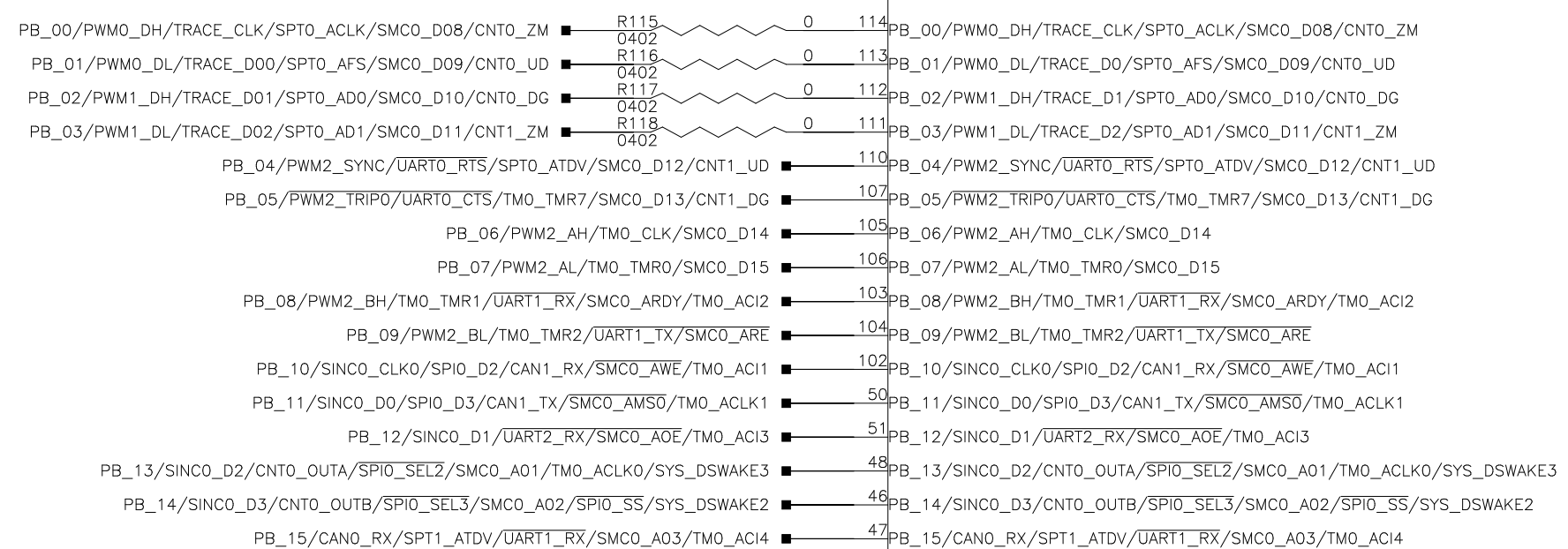
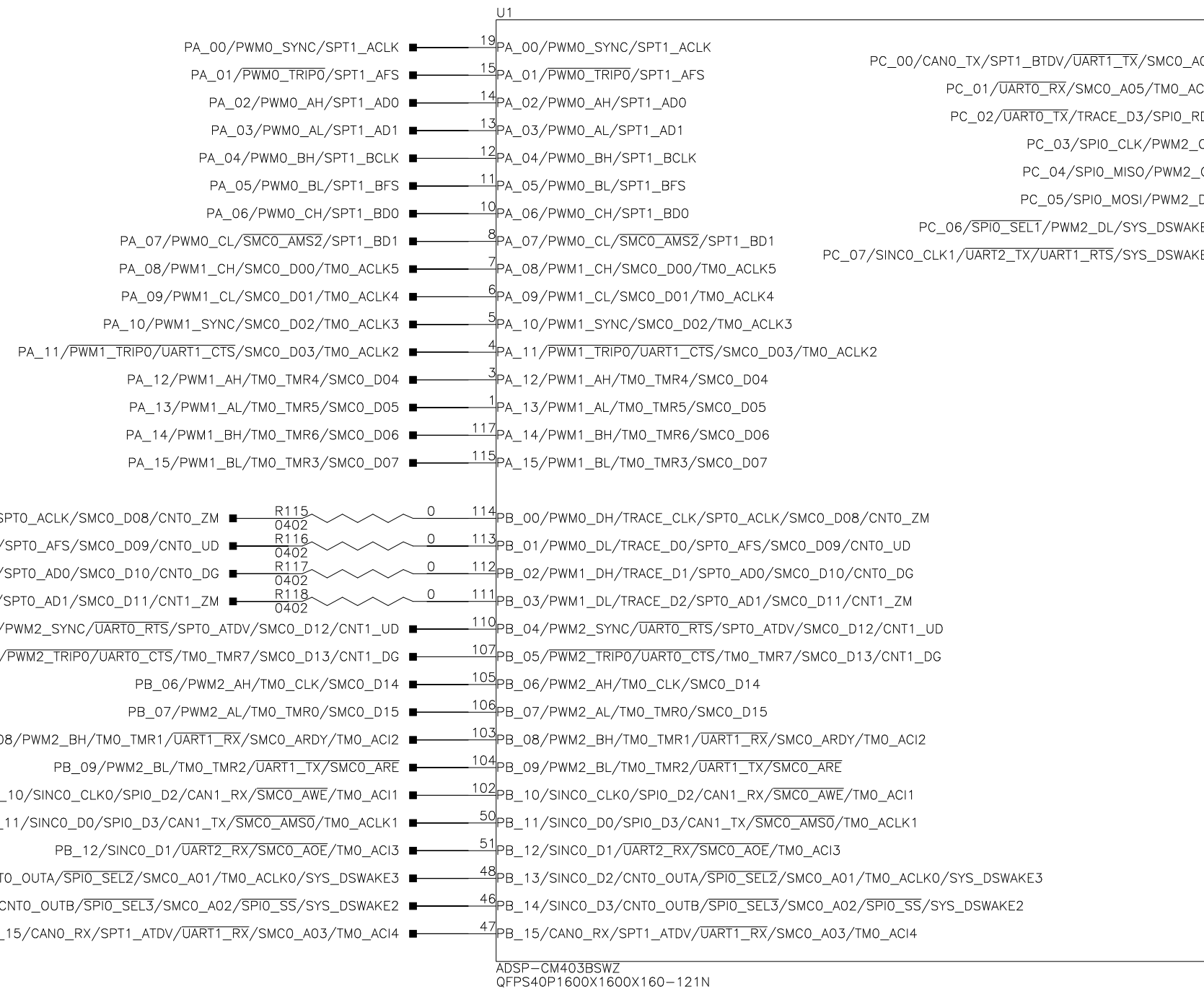
		ANALOG DEVICES		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
Title		ADSP-CM403F EZ-KIT EDIT PAGE TITLE			
Size C	Board No.	A0342-2012		Rev	1.0
Date	08/27/2013		Sheet 1 of 1		

A

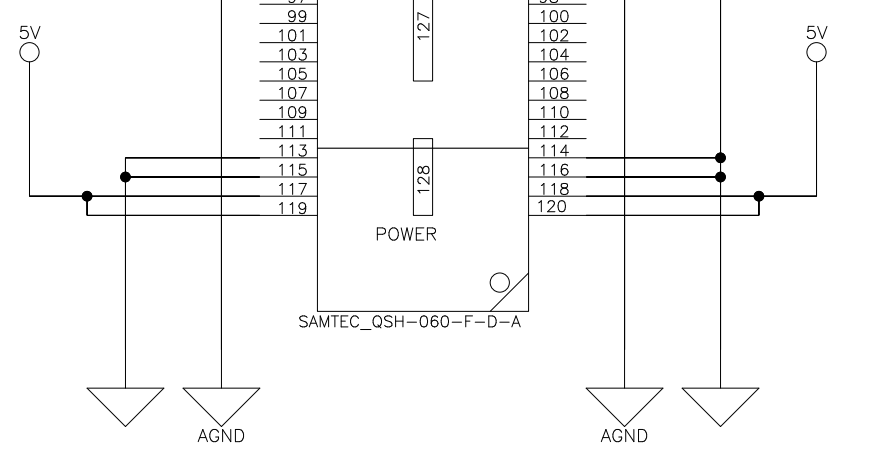
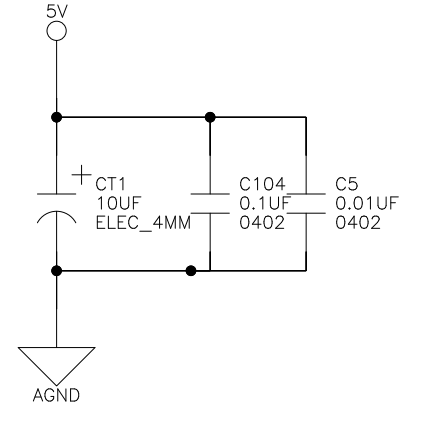
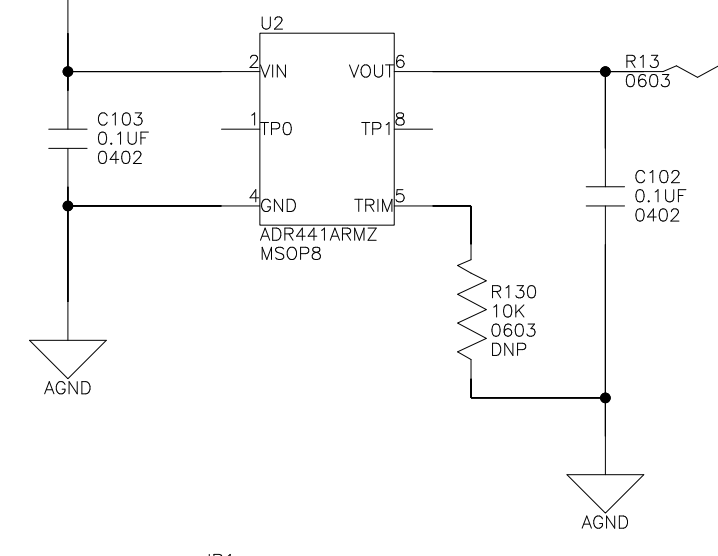
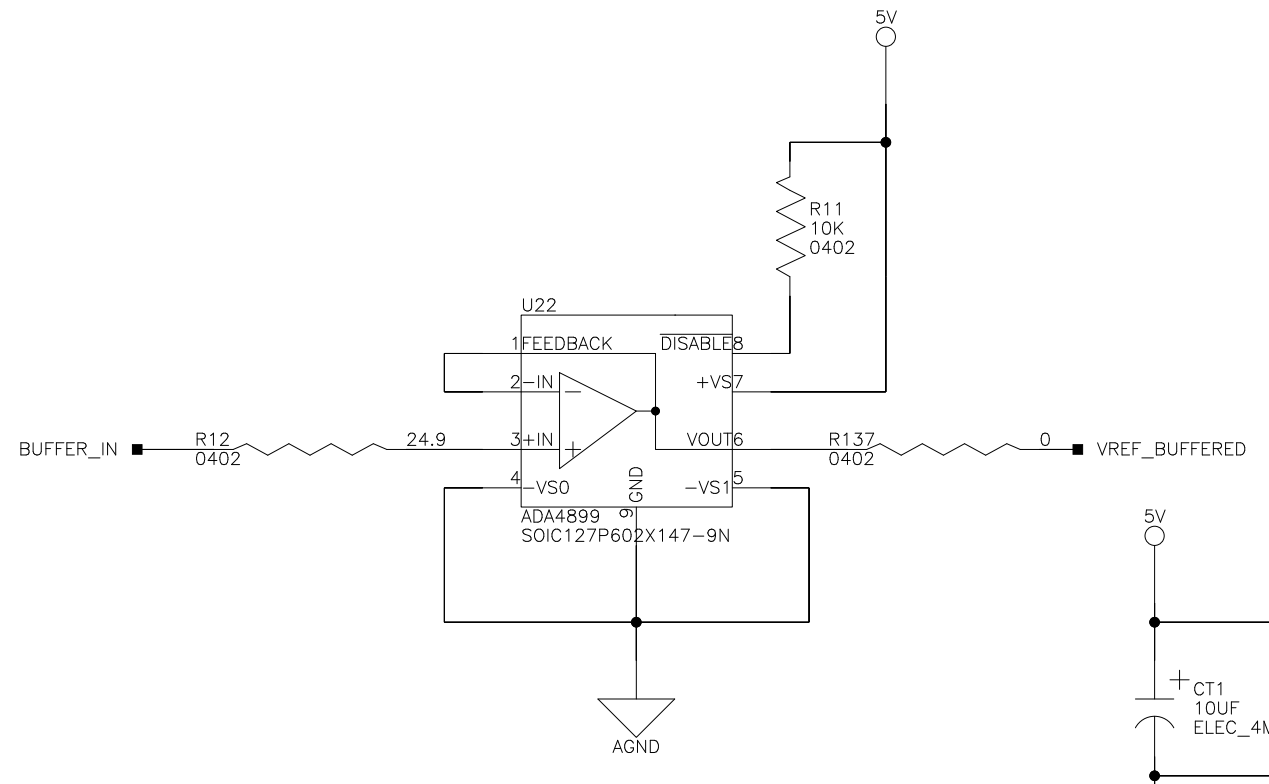
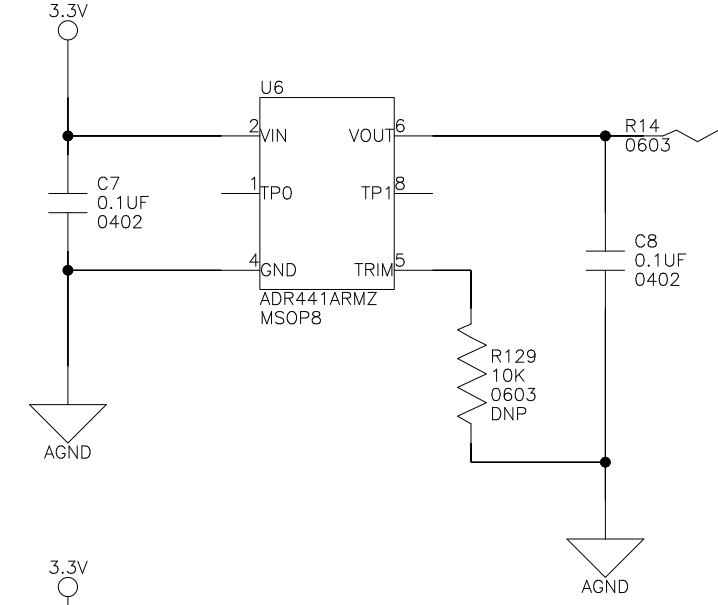
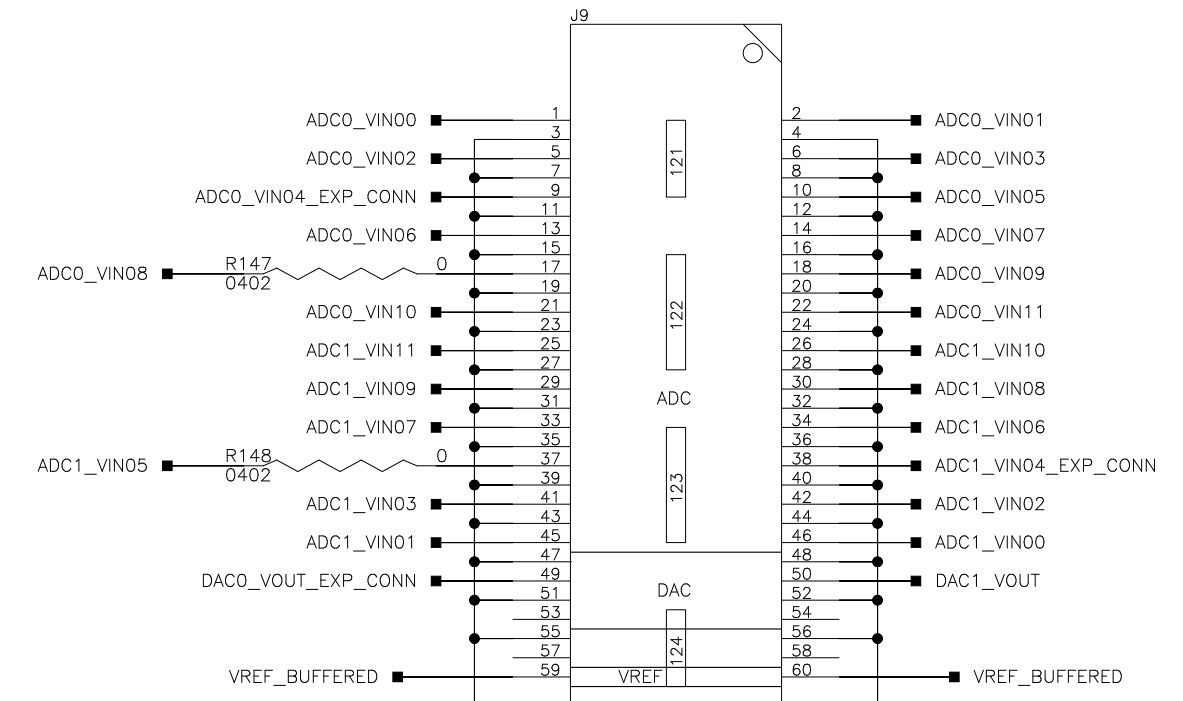
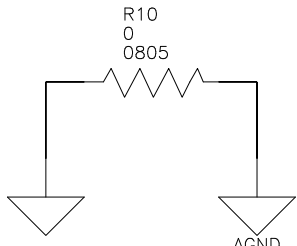
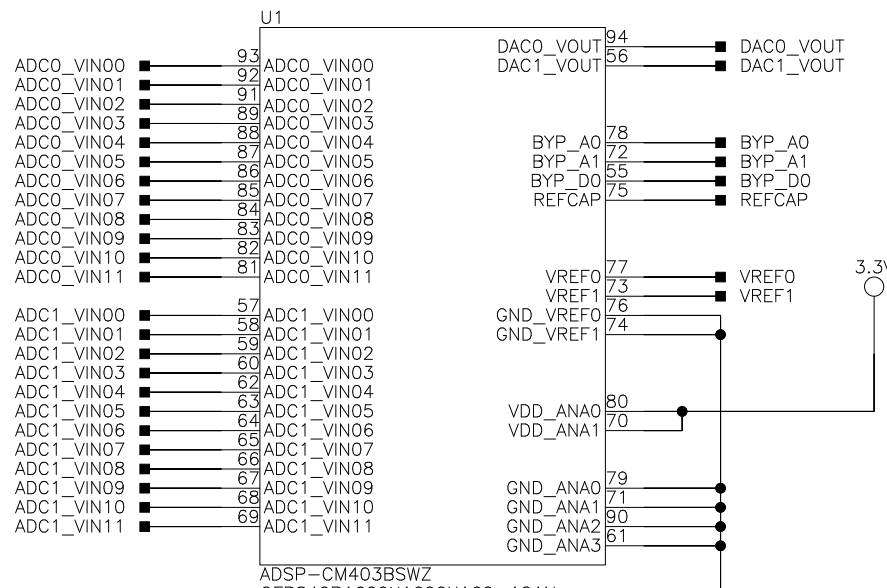
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C

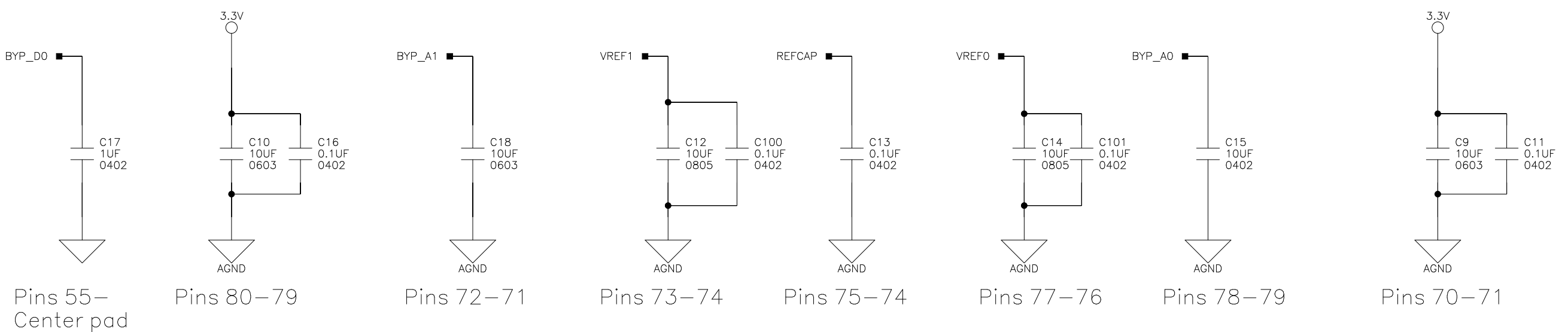
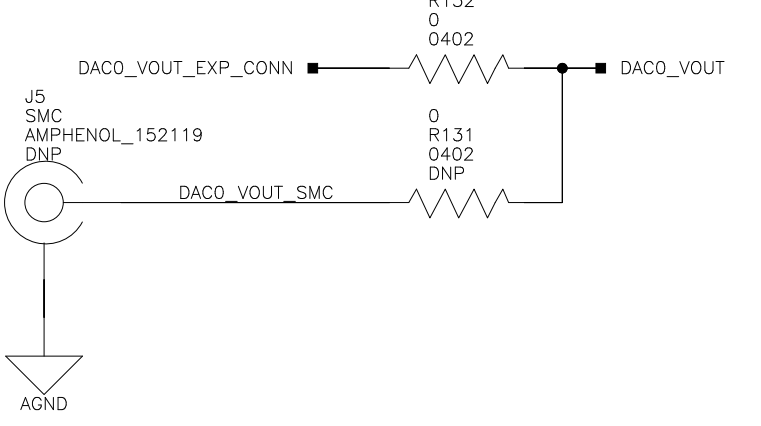
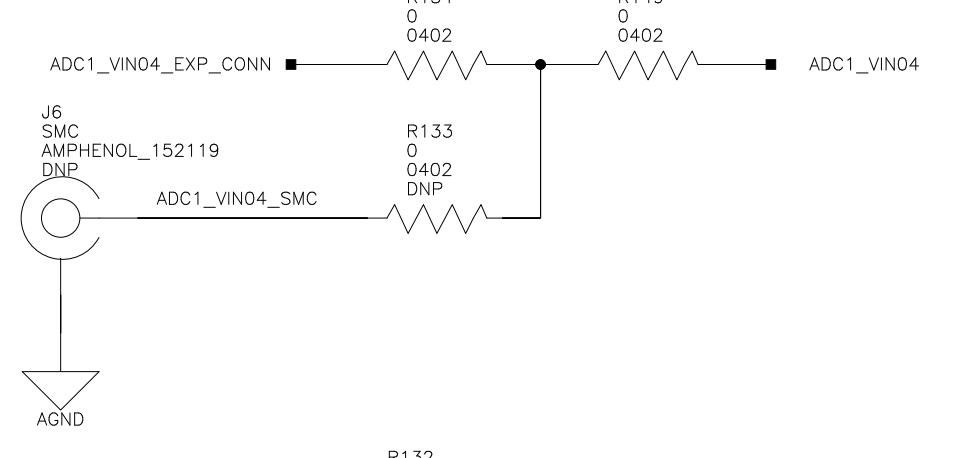
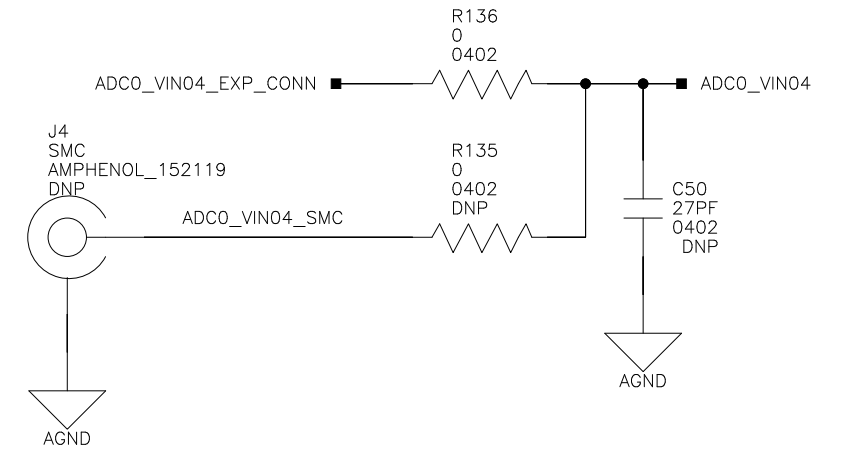
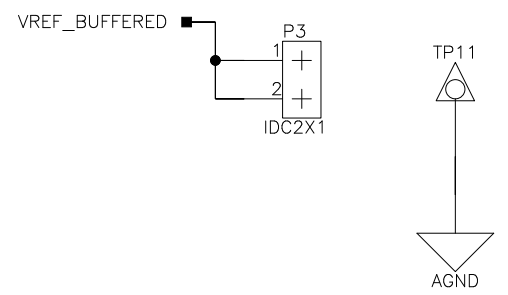
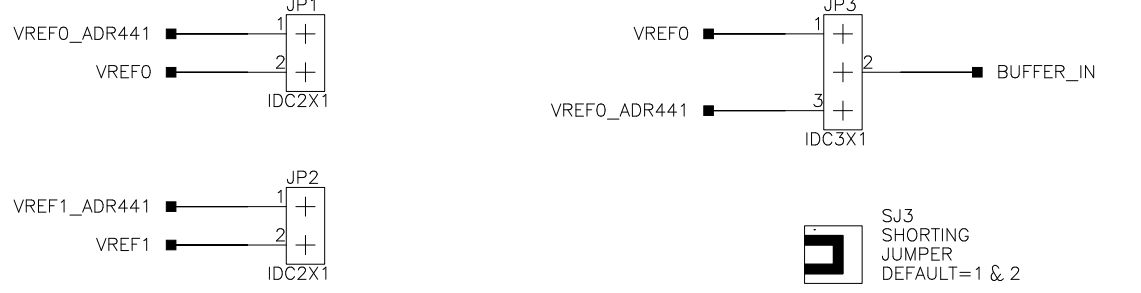
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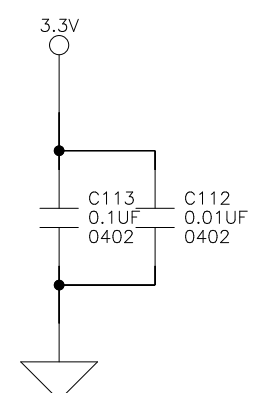
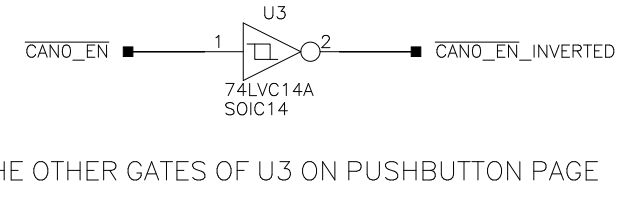
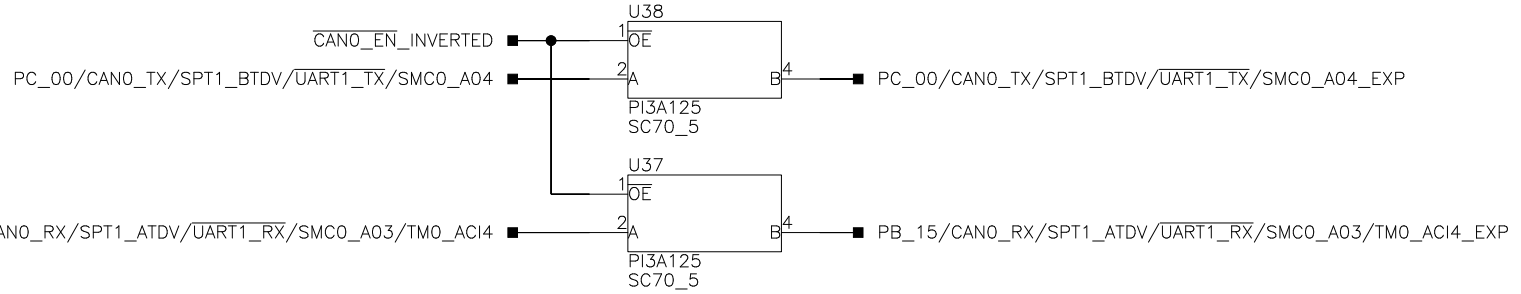
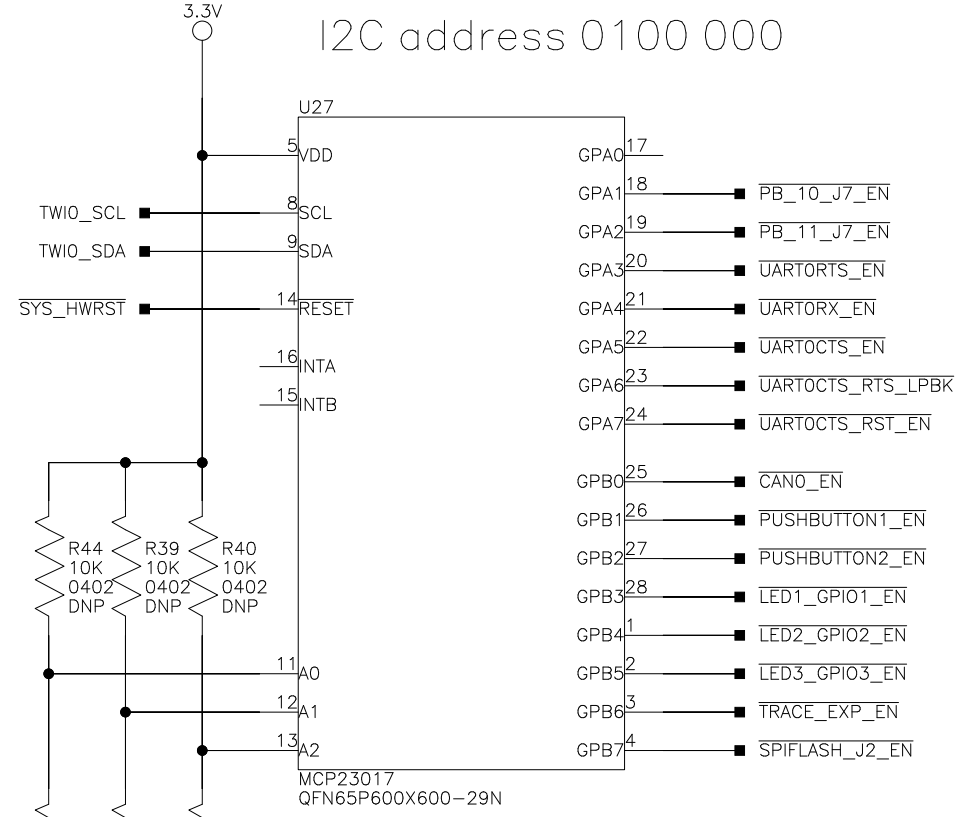
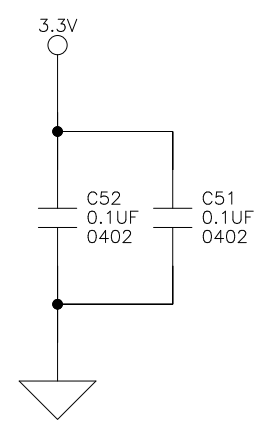
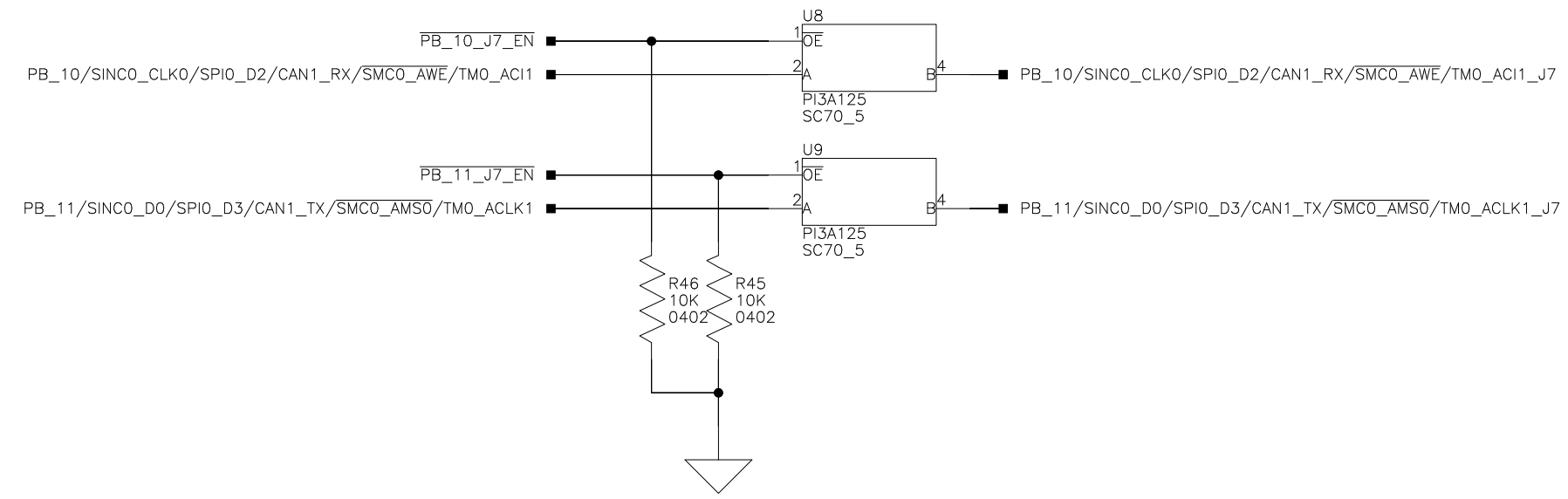
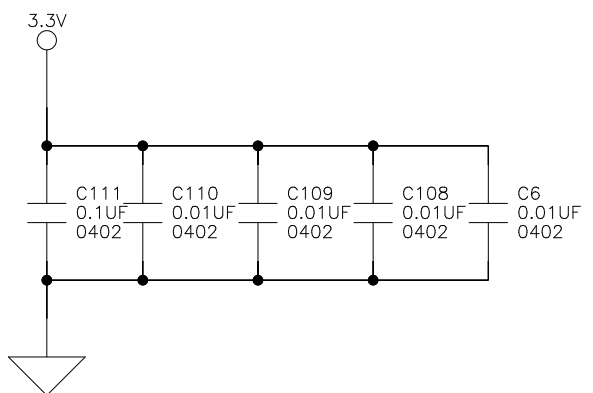
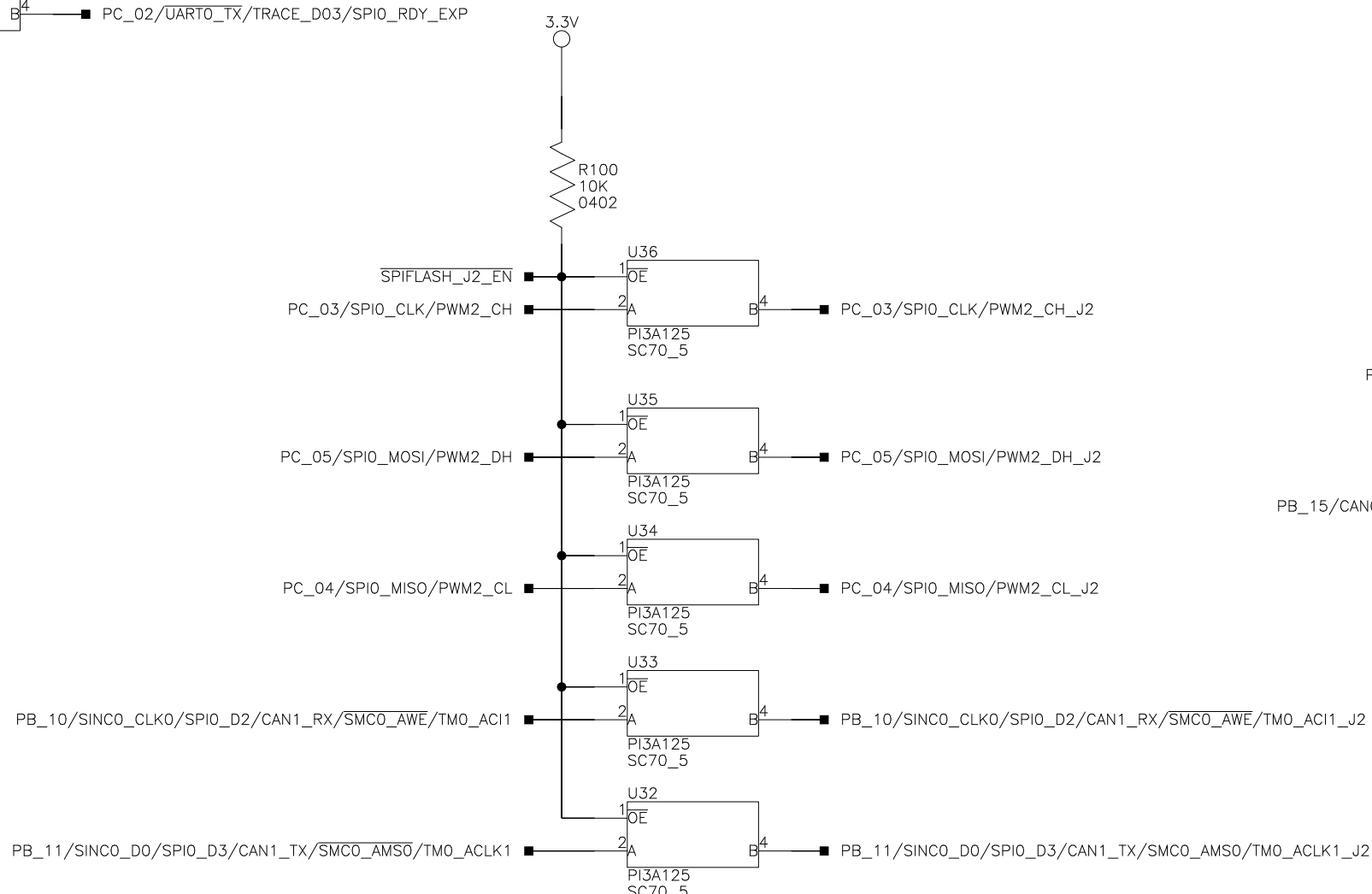
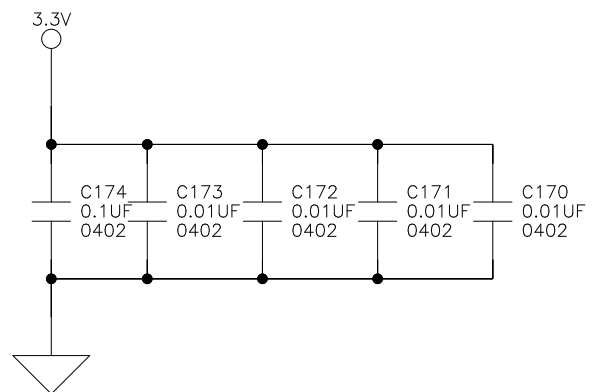
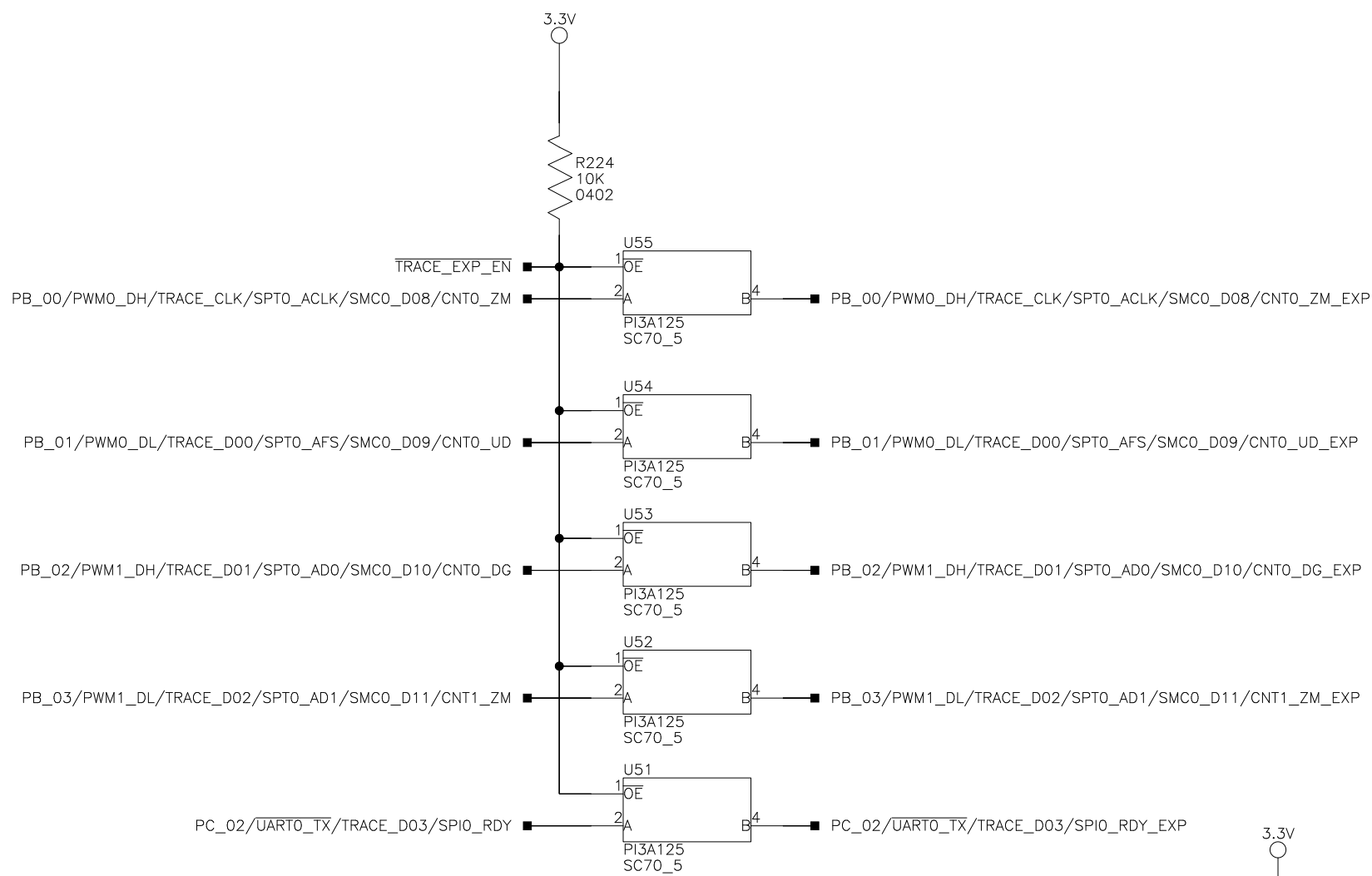
	20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
	Title ADSP-CM403F EZ-KIT PROC, JTAG/SWD AND TRACE CONN, CLOCK	
Size C	Board No. A0342-2012	Rev 1.0
Date 08/27/2013	Sheet 2 of 10	

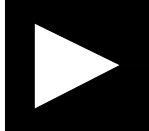


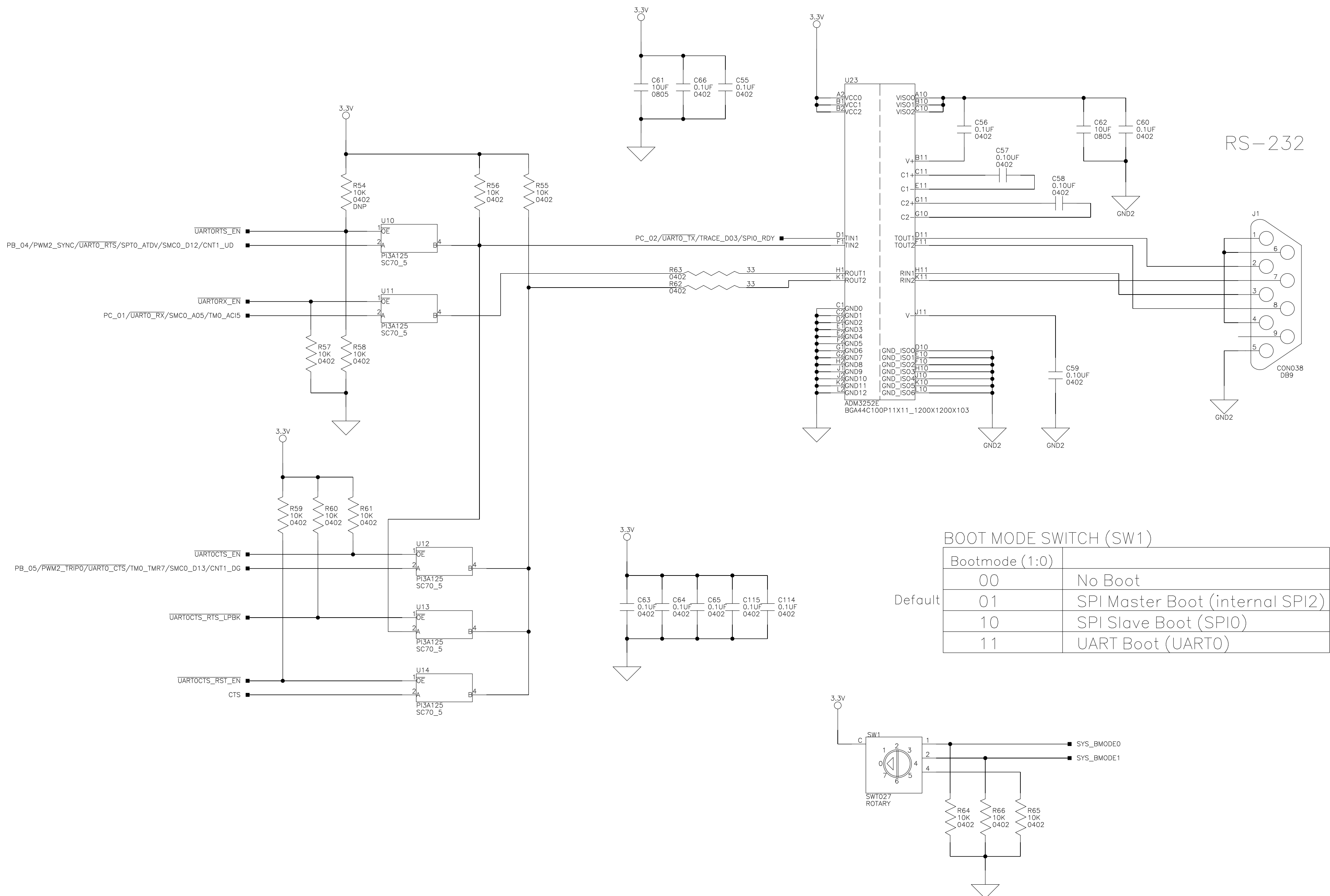
ANALOG CONN



		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
Title ADSP-CM403F EZ-KIT ANALOG CONN, POWER			
Size C	Board No. A0342-2012	Rev 1.0	
Date 08/27/2013	Sheet 3 of 10		



 ANALOG DEVICES		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
		Title ADSP-CM403F EZ-KIT MEMORY AND SOFTCONFIG	
Size C	Board No. A0342-2012	Rev 1.0	
Date 08/27/2013	Sheet 5 of 10		



RS-232

BOOT MODE SWITCH (SW1)

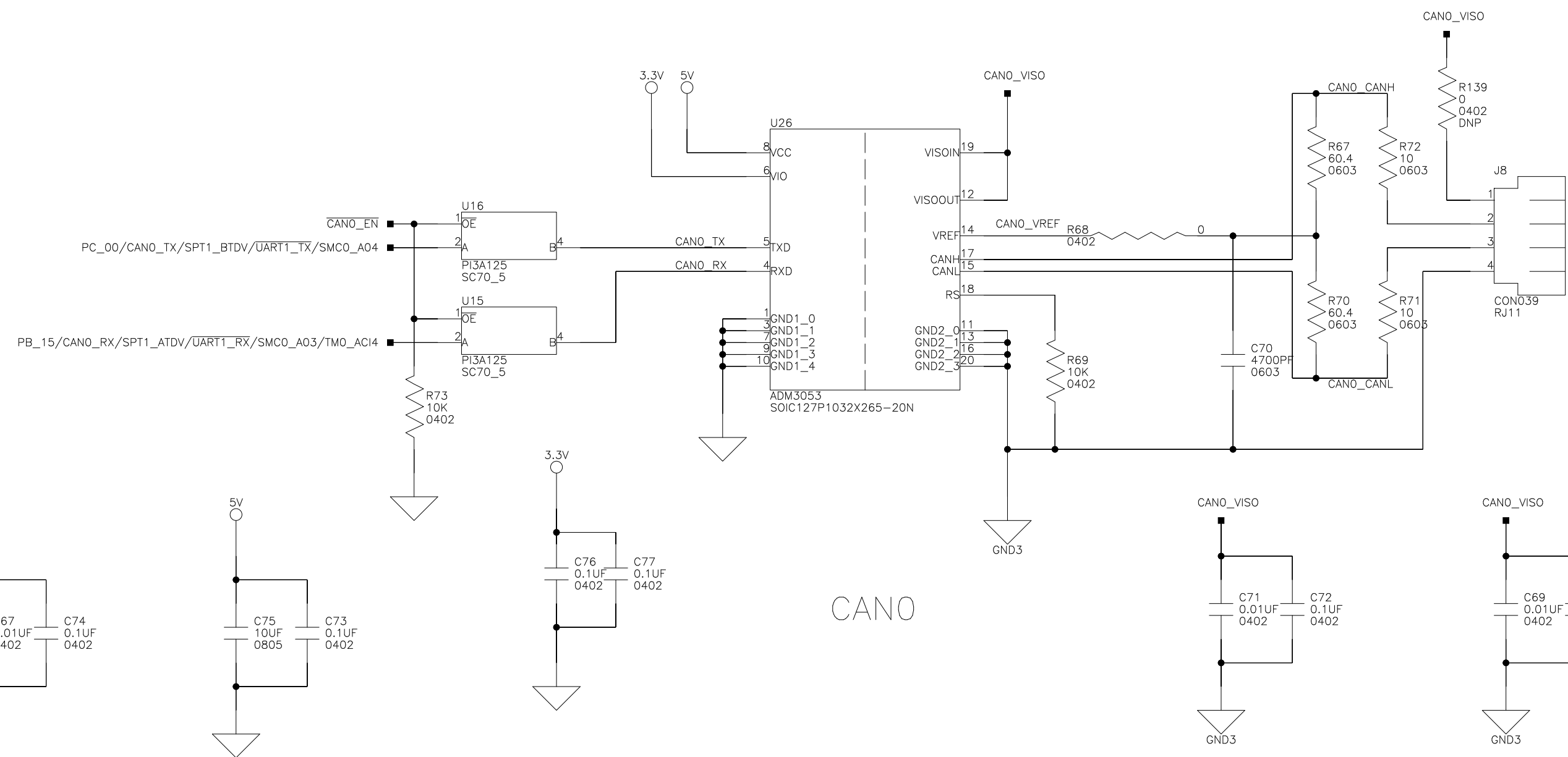
Bootmode (1:0)	
00	No Boot
01	SPI Master Boot (internal SPI2)
10	SPI Slave Boot (SPI0)
11	UART Boot (UART0)

Default

ANALOG DEVICES

20 Cotton Road
Nashua, NH 03063
PH: 1-800-ANALOGD

Title		ADSP-CM403F EZ-KIT RS-232, BOOT CONN	
Size C	Board No.	A0342-2012	Rev 1.0
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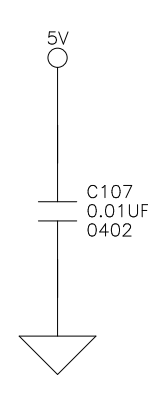
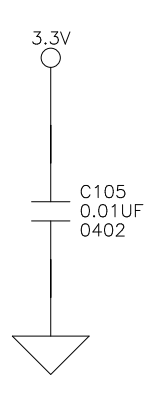
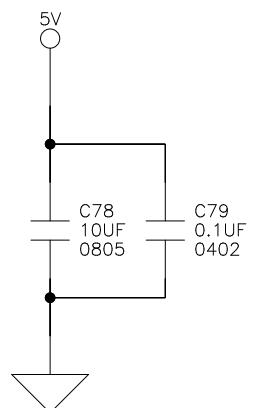
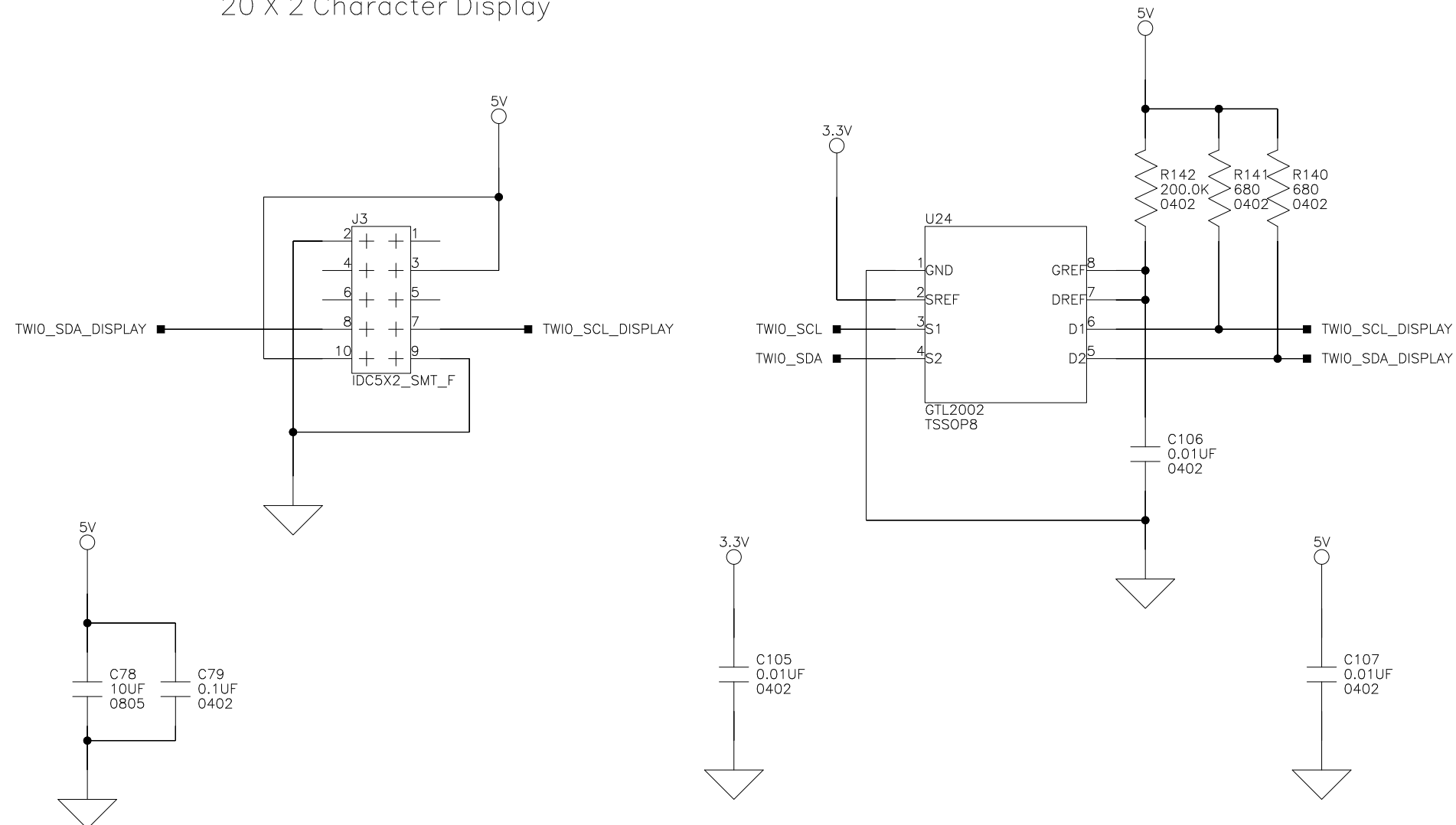
Place between pins 6 and 7


Place between pins 8 and 9

Place between pins 11 and 12

Place between pins 19 and 20

20 X 2 Character Display



		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
		Title ADSP-CM403F EZ-KIT CAN0, DISPLAY	
Size C	Board No. A0342-2012	Rev 1.0	
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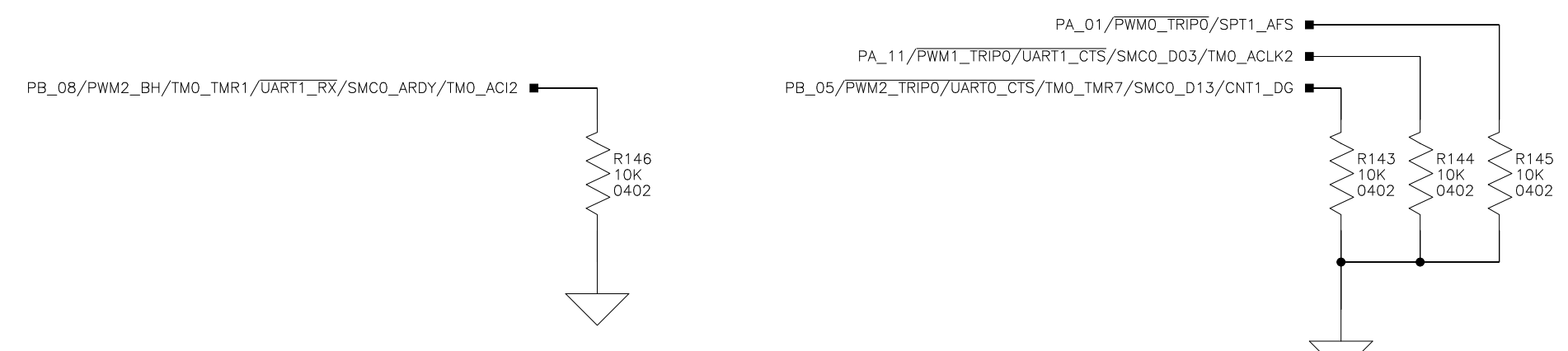
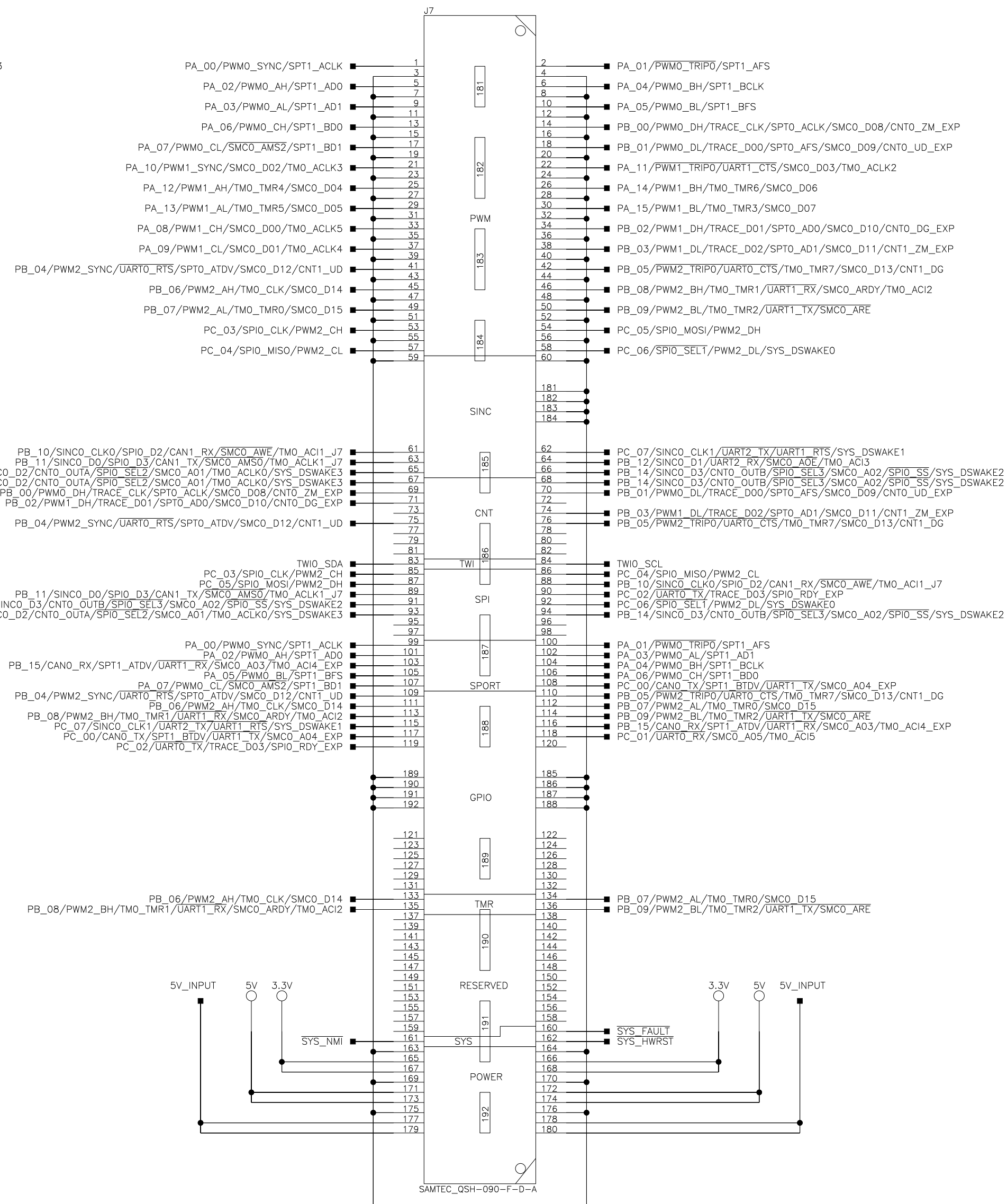
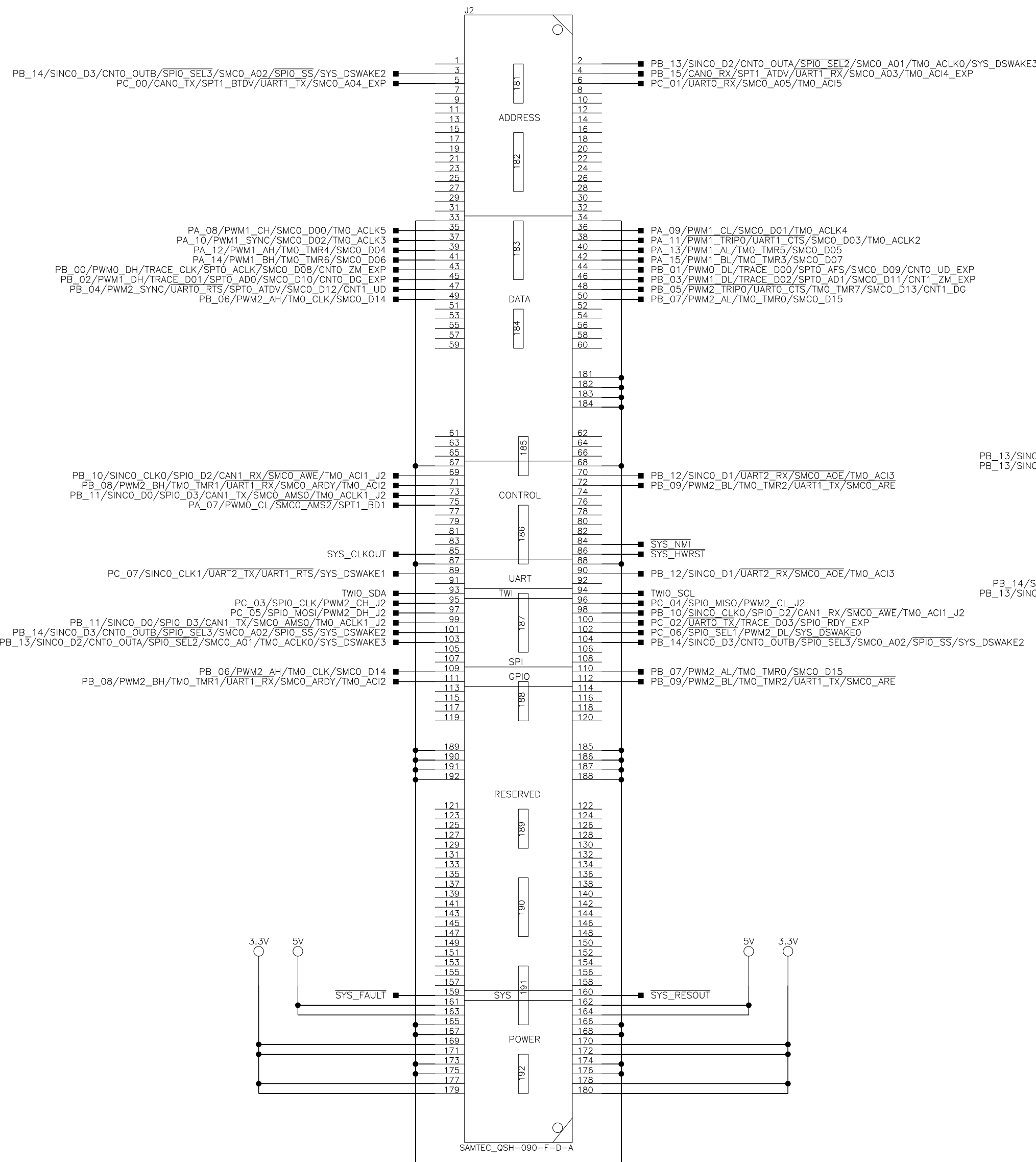
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ANALOG DEVICES

20 Cotton Road
Nashua, NH 03063
PH: 1-800-ANALOGD

Title			ADSP-CM403F EZ-KIT EXPANSION CONNECTORS		
Size	Board No.				Rev
C	A0342-2012				1.0
Date	08/27/2013	Sheet	8	of	10

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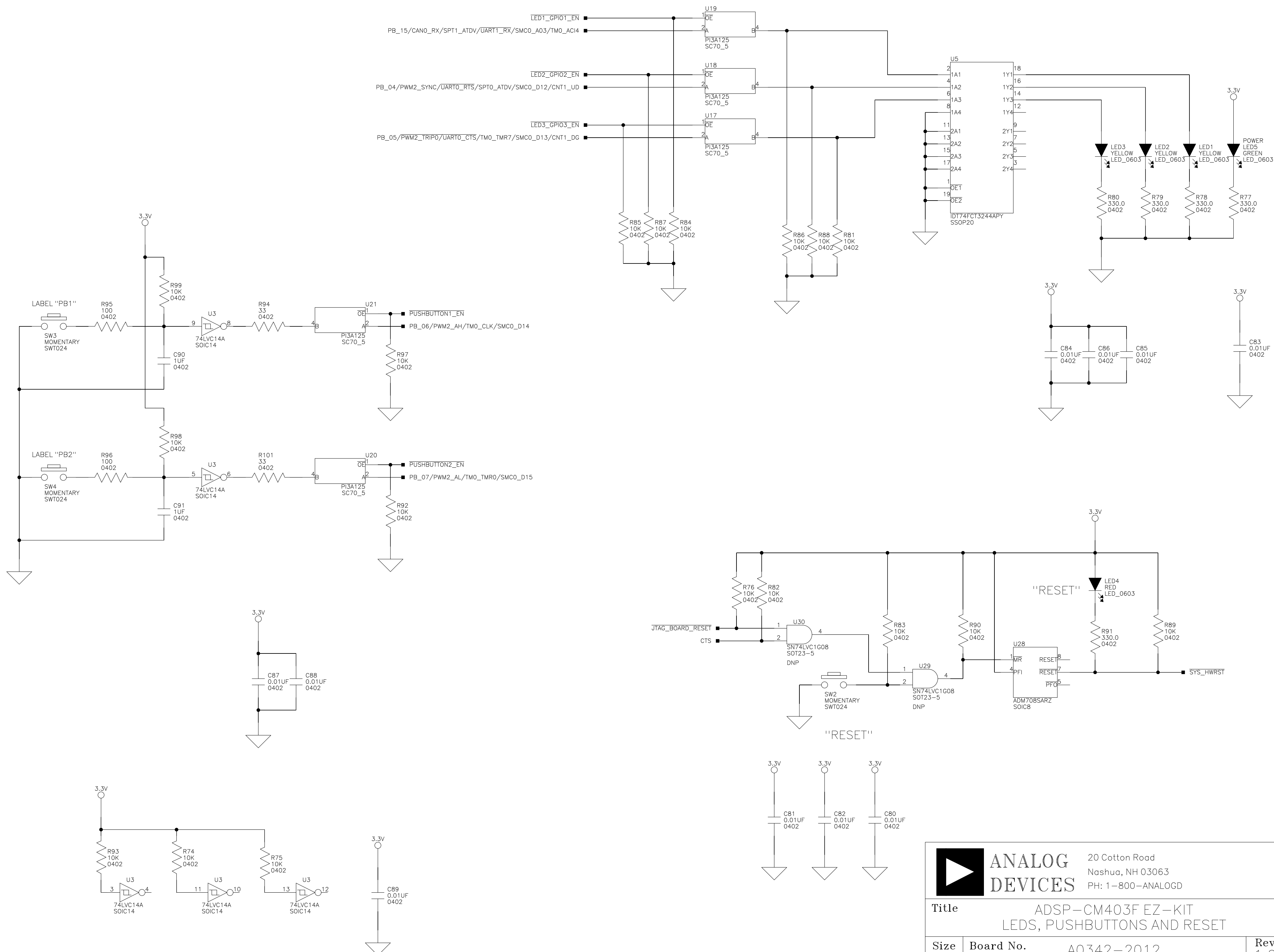
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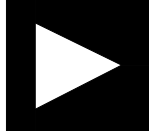
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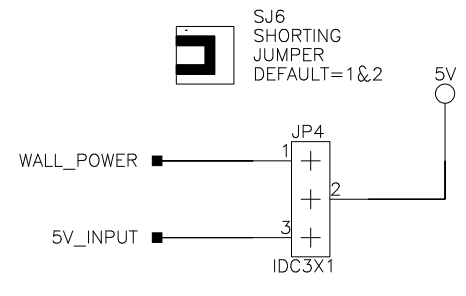
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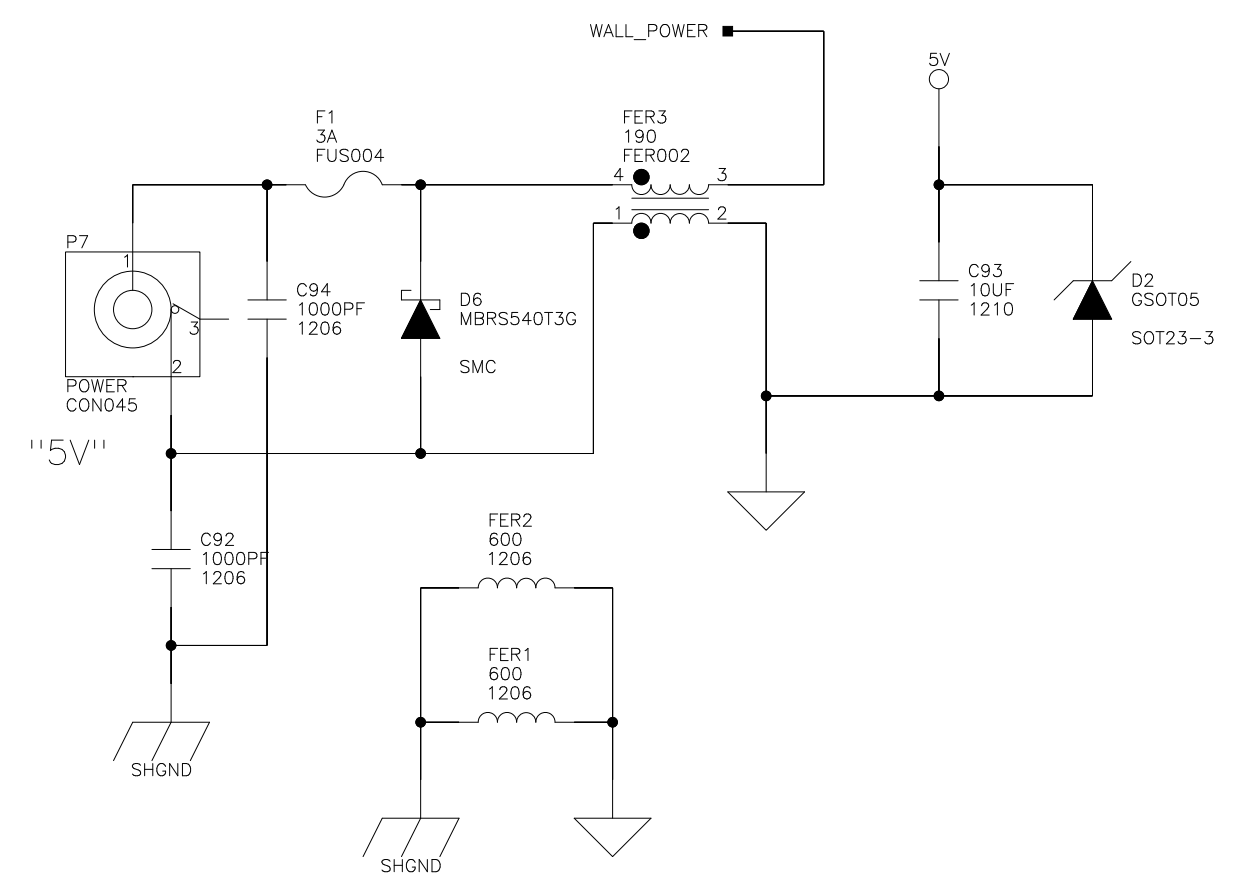
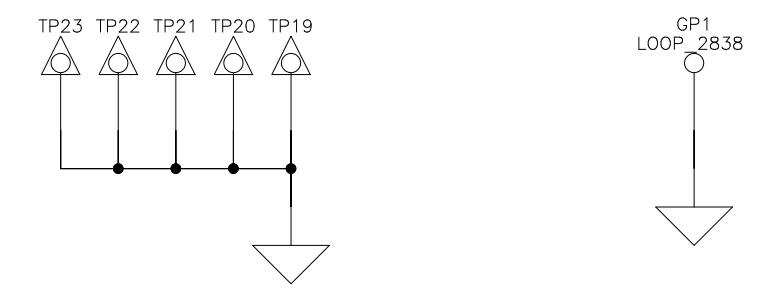
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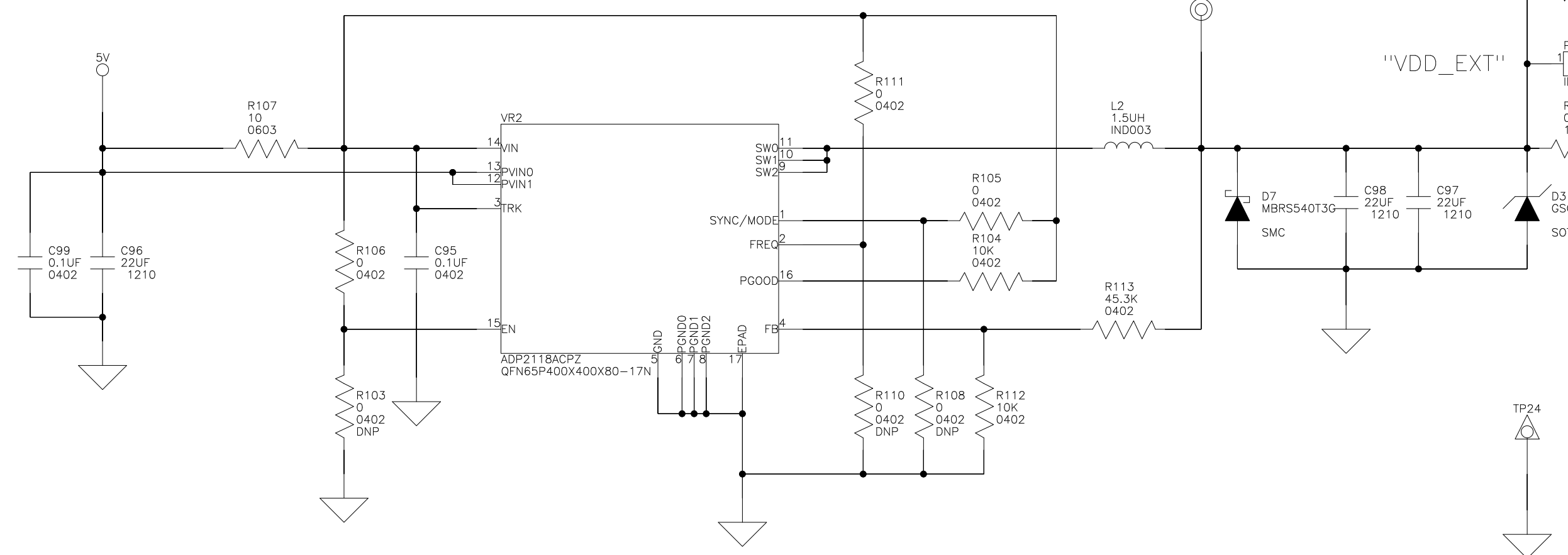
 ANALOG DEVICES		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
		Title ADSP-CM403F EZ-KIT LEDS, PUSHBUTTONS AND RESET	
Size C	Board No. A0342-2012	Rev 1.0	
Date 08/27/2013	Sheet 9 of 10		



GND Test Points are scattered on PCB for Test Measurement Purposes.
 LABEL "GND" ON ALL TPs



3.3V @ 1.5A

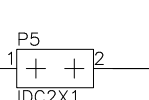


"3.3V"

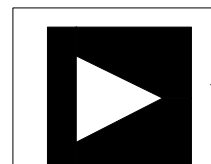
"VDD_EXT"



Remove P6 when measuring VDD_EXT



Remove P5 when measuring 3.3V



ANALOG DEVICES

20 Cotton Road
 Nashua, NH 03063
 PH: 1-800-ANALOGD

Title		ADSP-CM403F EZ-KIT VDD_EXT, 5V WALL	
Size C	Board No.	A0342-2012	Rev 1.0
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