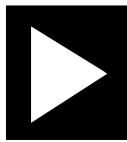
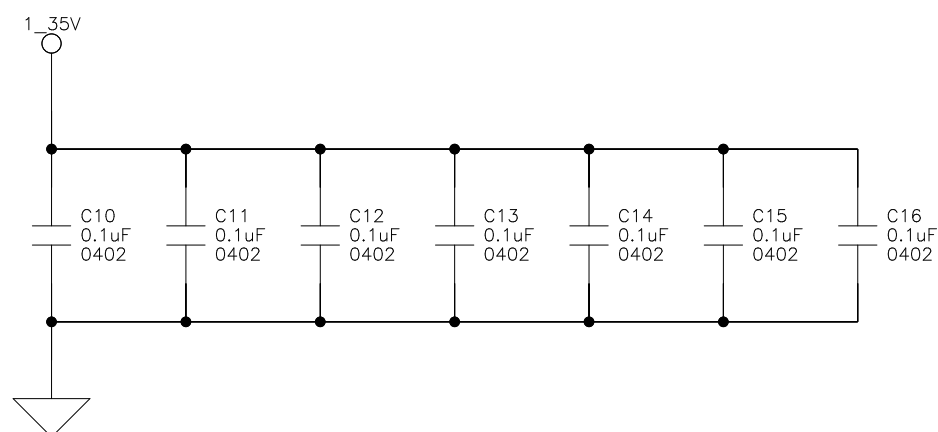
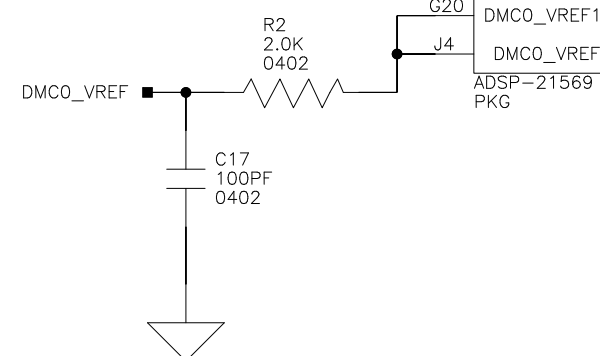


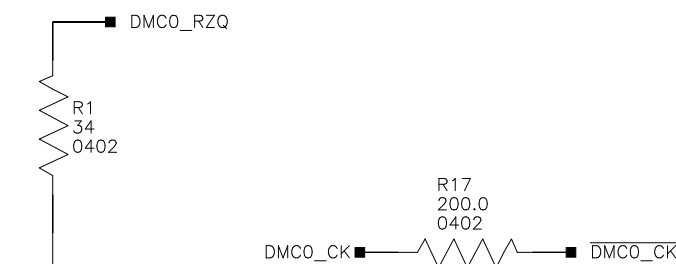
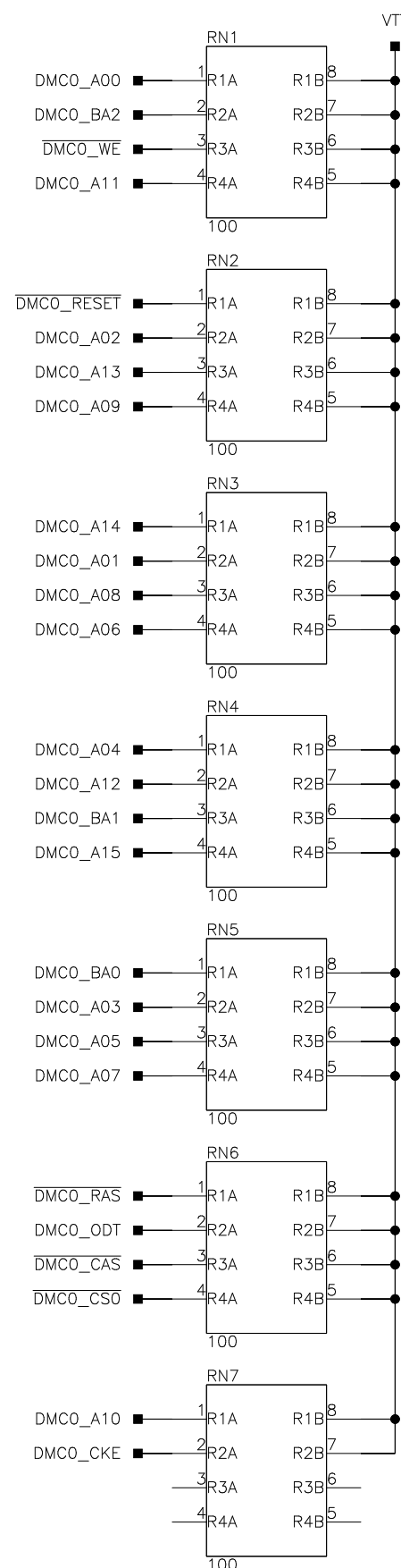
ADSP-21569 System on Module

EV-21569-SOM
Schematic

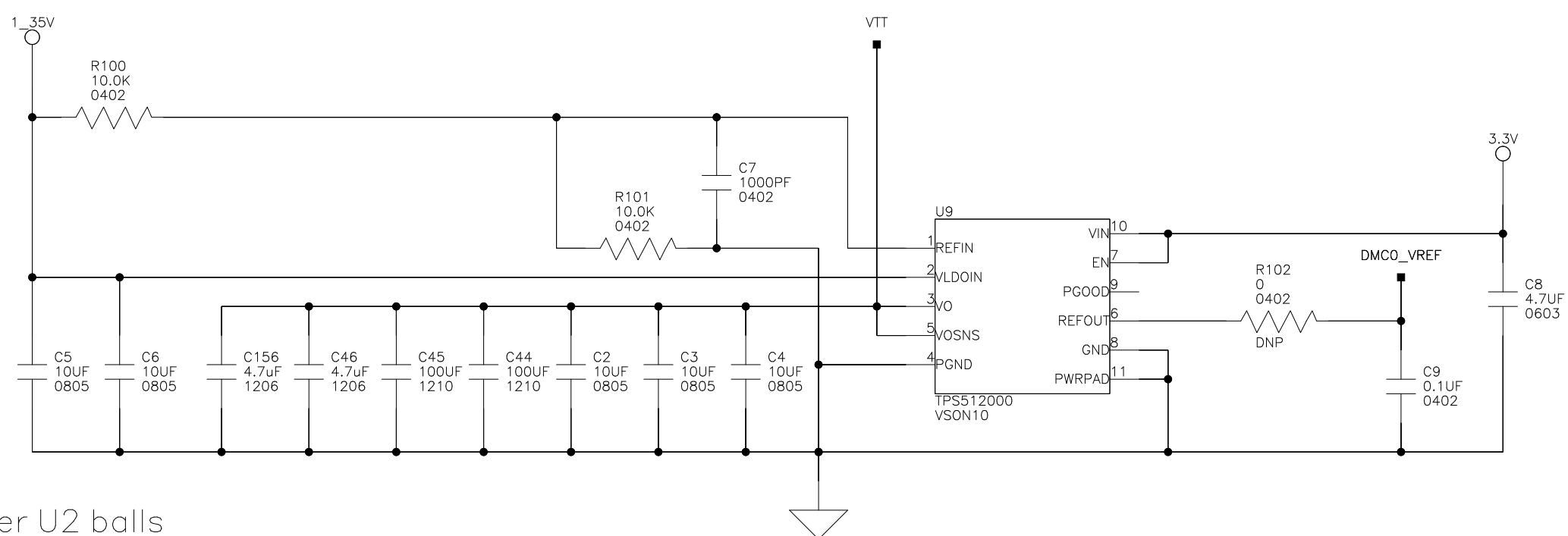
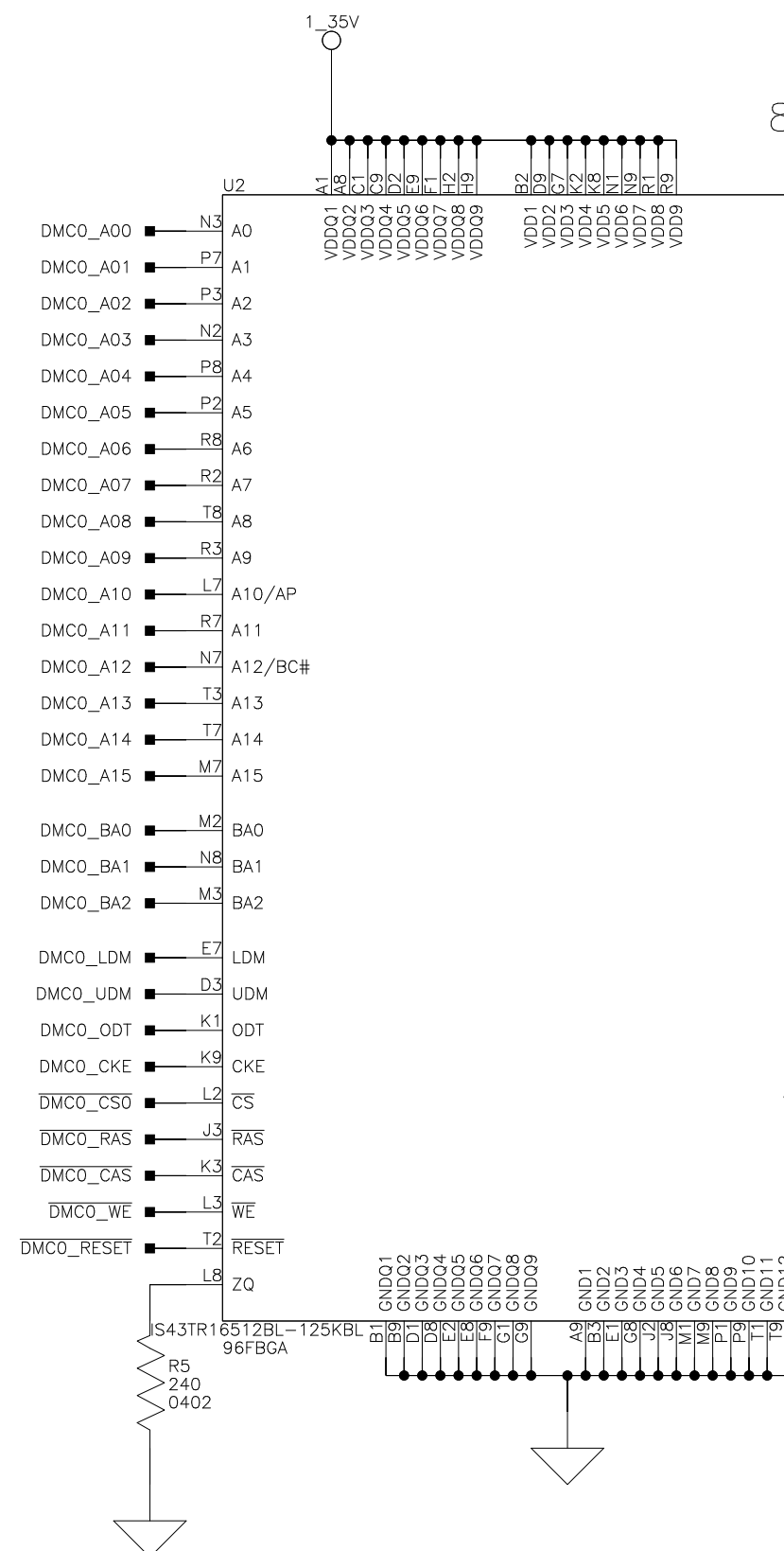
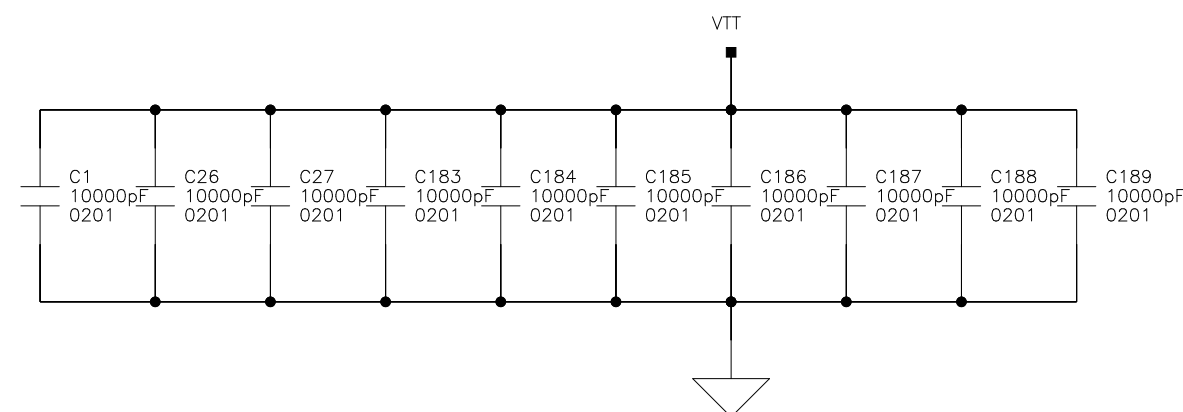
		ANALOG DEVICES	2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD
Title ADSP-21569 SoM Title Block			
Size C	Board No. EV-21569-SOM		Rev A
Date	1/29/2020	Sheet 1 of 12	



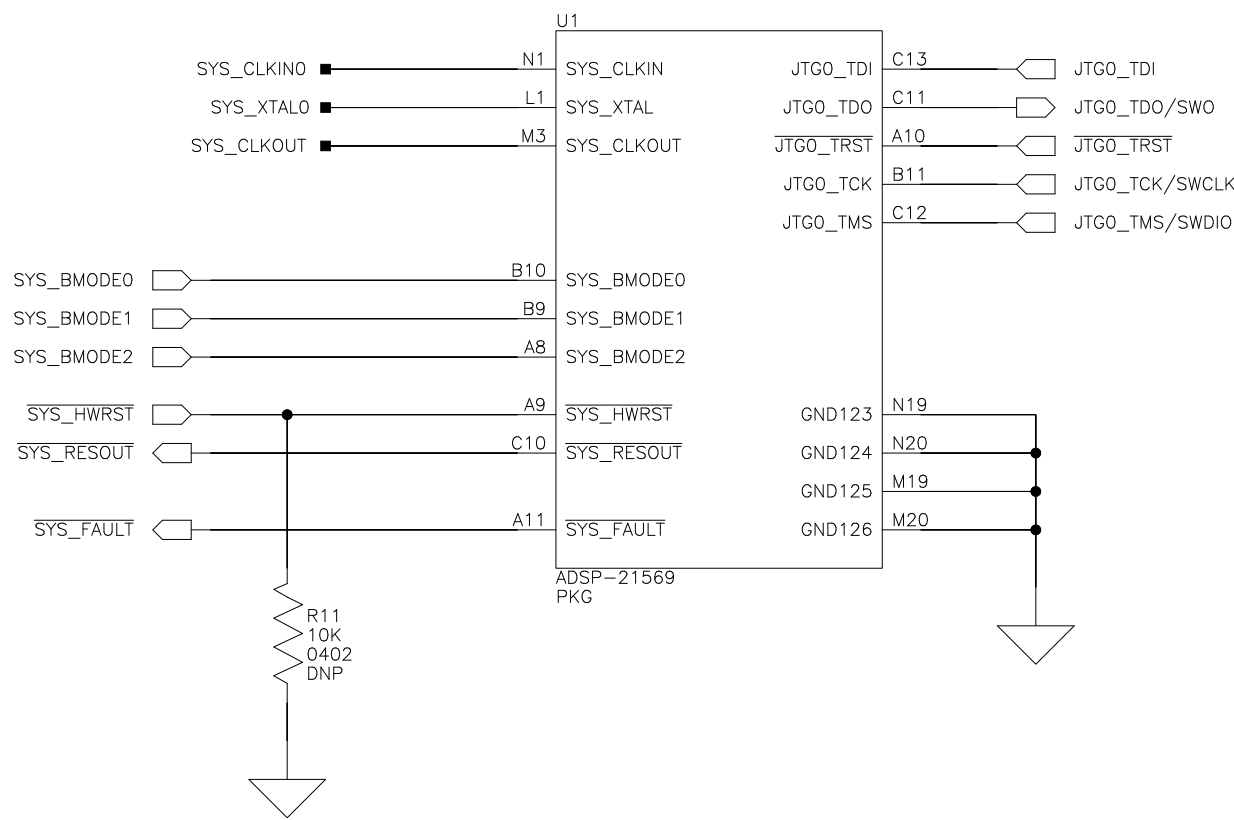
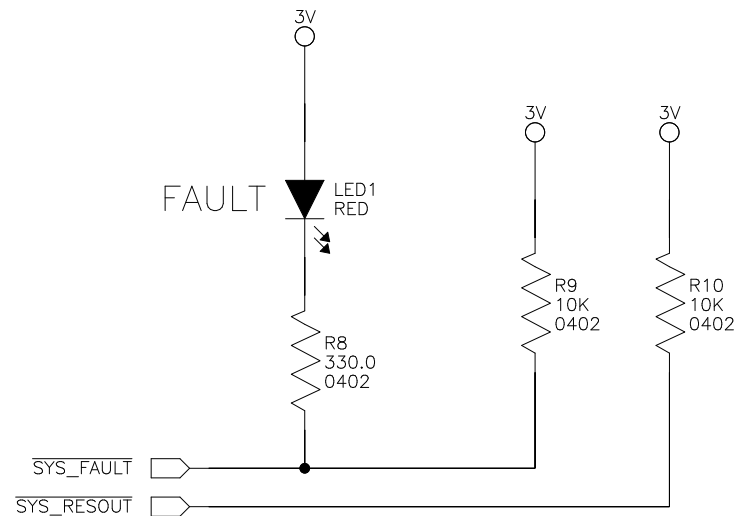
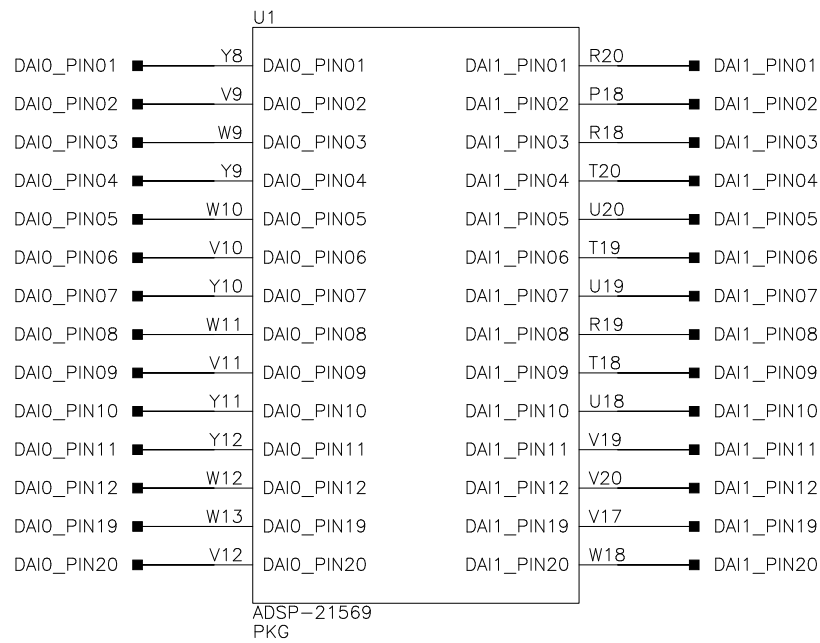
Place at end of line



Place inbetween U2 and U1 or under U2 balls



		ANALOG DEVICES		2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD	
Title		ADSP-21569 SoM DDR3 Interface			
Size C	Board No. EV-21569-SOM			Rev A	
Date	1/29/2020		Sheet 2 of 12		



1

1

2

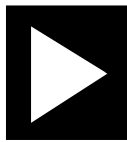
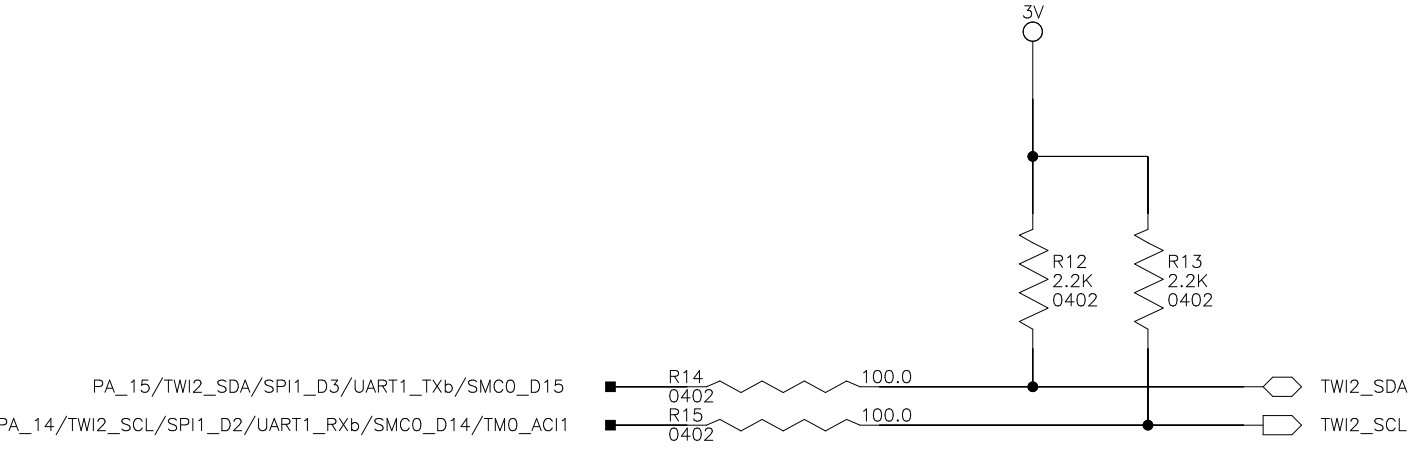
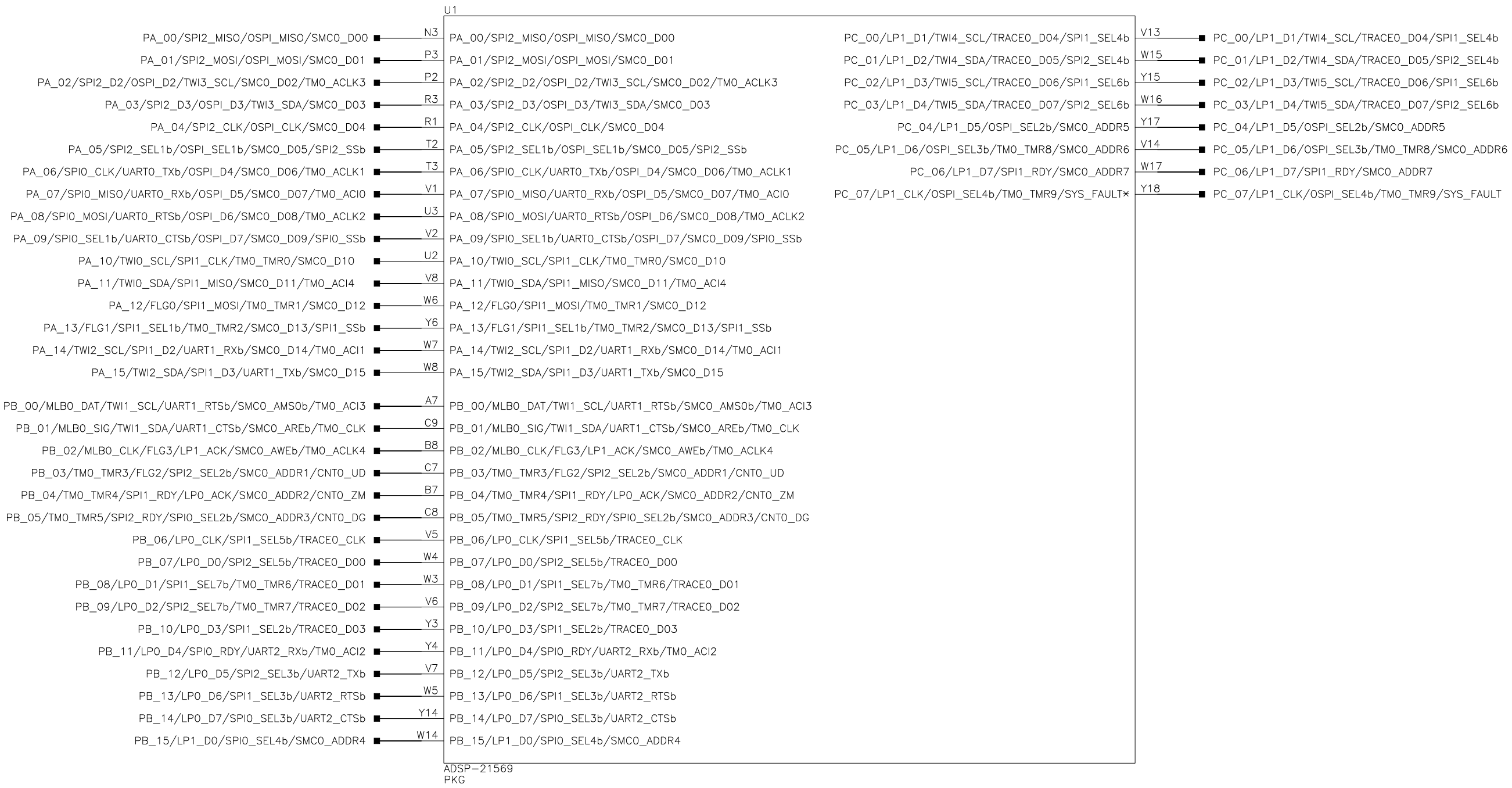
2

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4

4



**ANALOG
DEVICES**

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

Title				ADSP-21569 SoM Mux Ports			
Size C	Board No.			EV-21569-SOM			Rev A
Date	1/29/2020			Sheet	4	of	12

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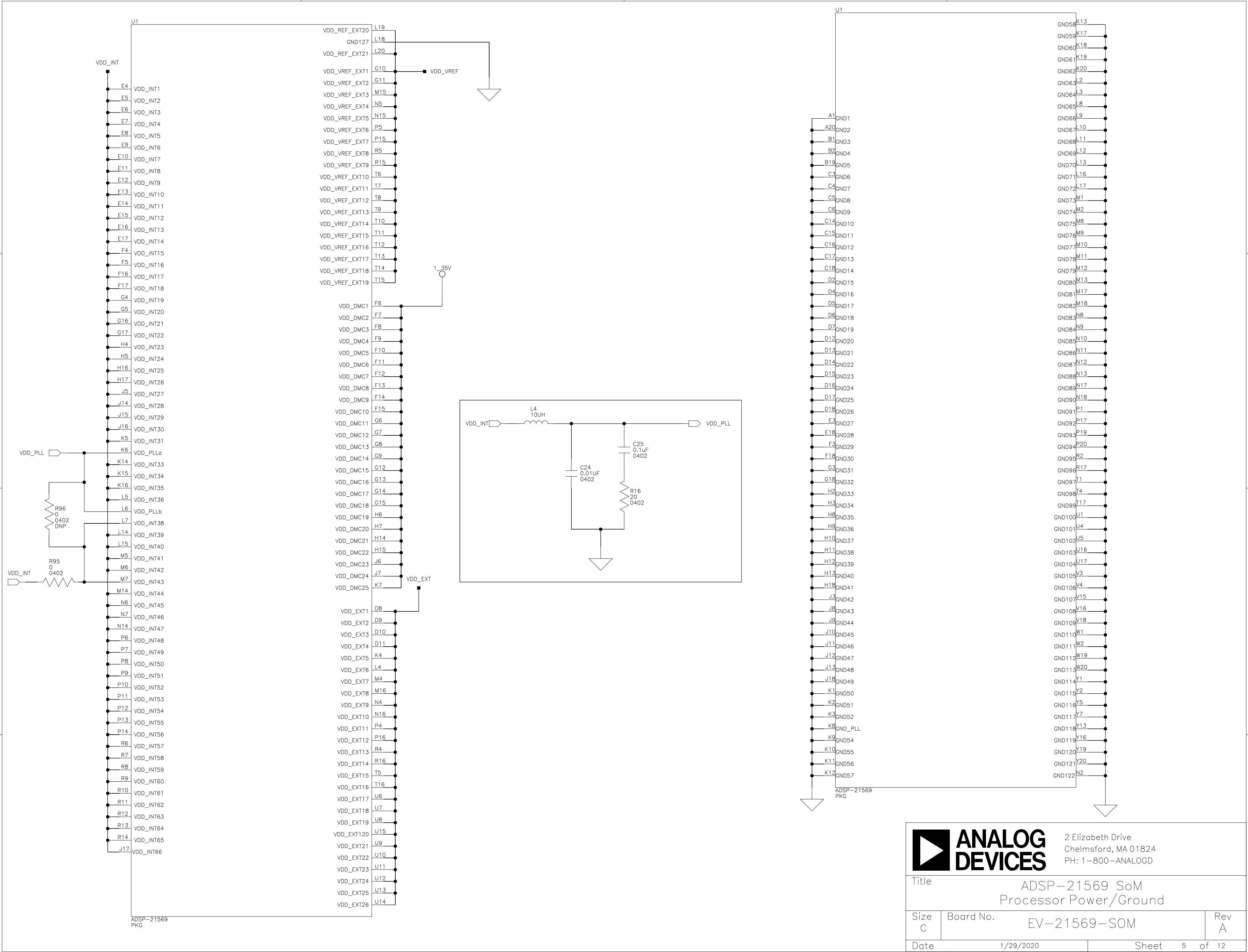
D

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		2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD	
Title ADSP-21569 SoM Processor Power/Ground			
Size C	Board No. EV-21569-SOM		Rev A
Date	1/29/2020		Sheet 5 of 12

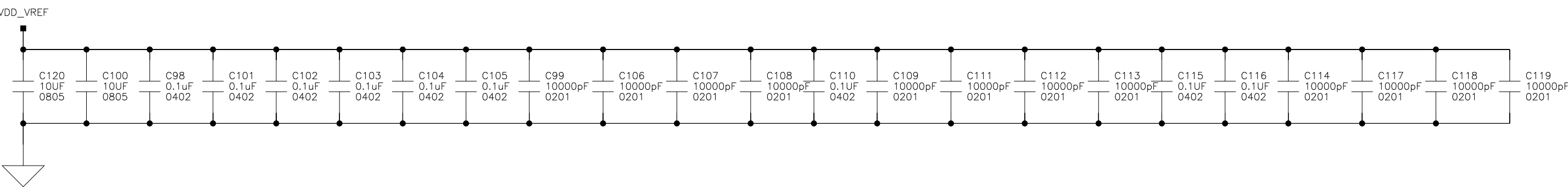
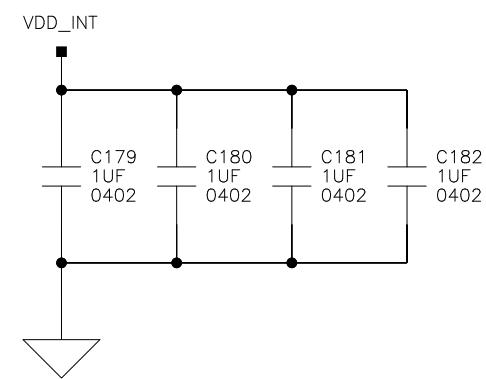
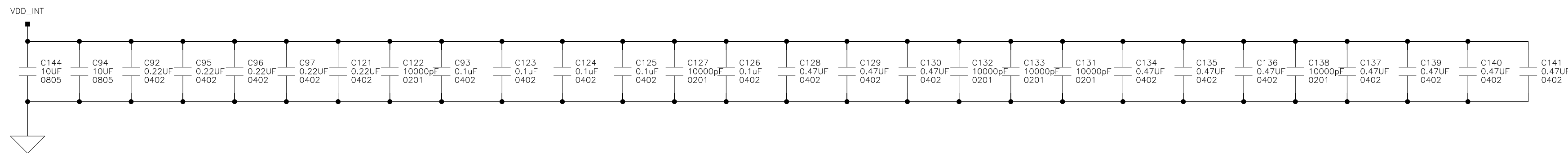
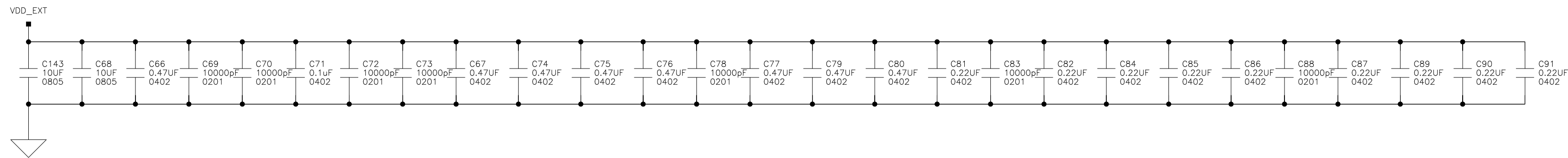
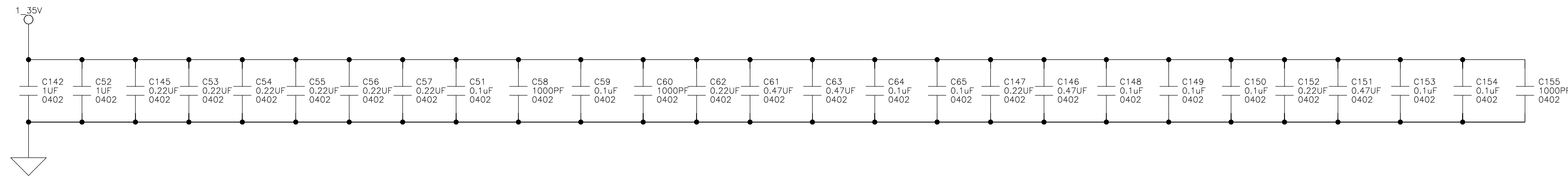
1

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ANALOG
DEVICES

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

Title		ADSP-21569 SoM Proc Bypass Caps	
Size C	Board No.	EV-21569-SOM	Rev A
Date	1/29/2020	Sheet	6 of 12

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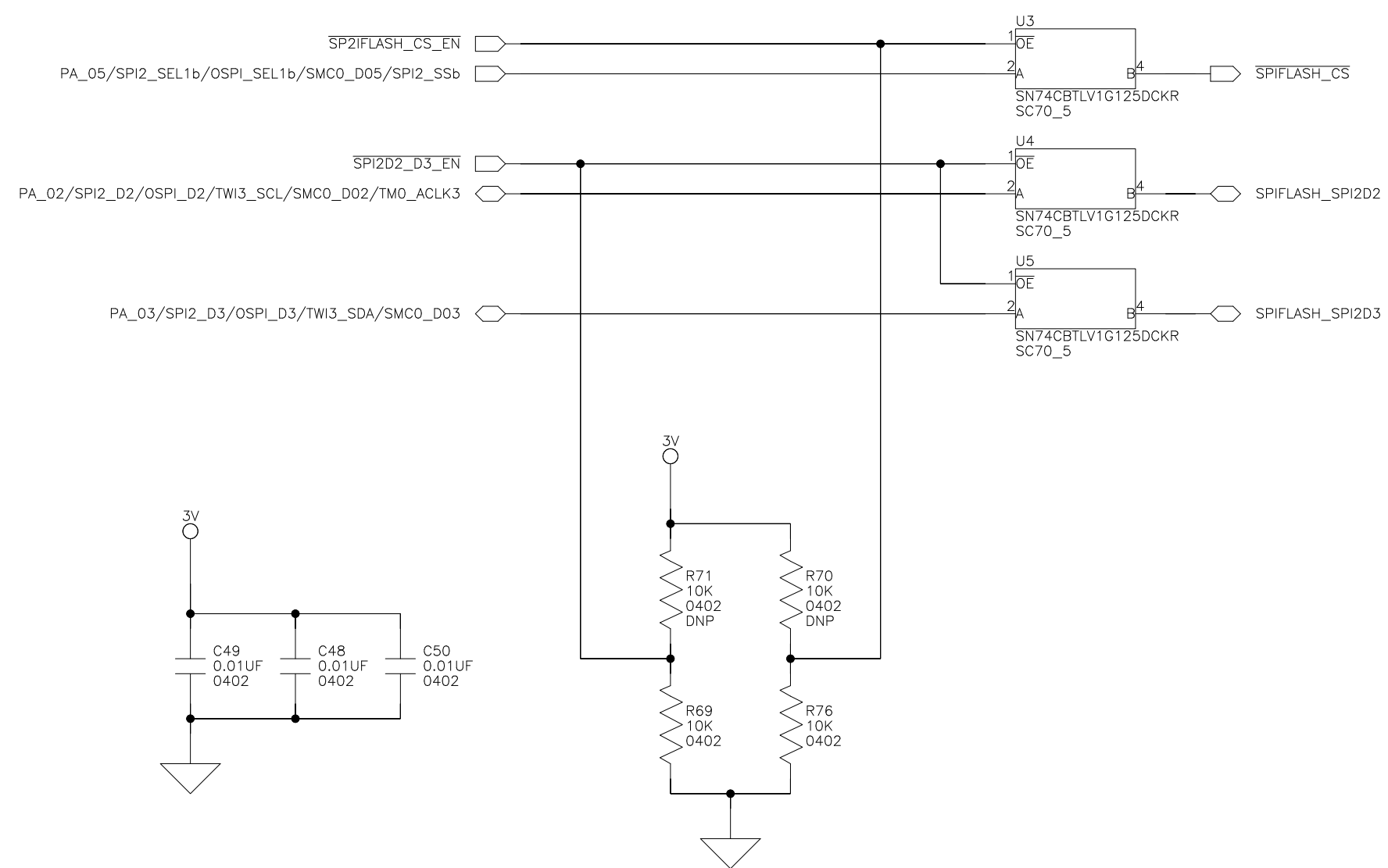
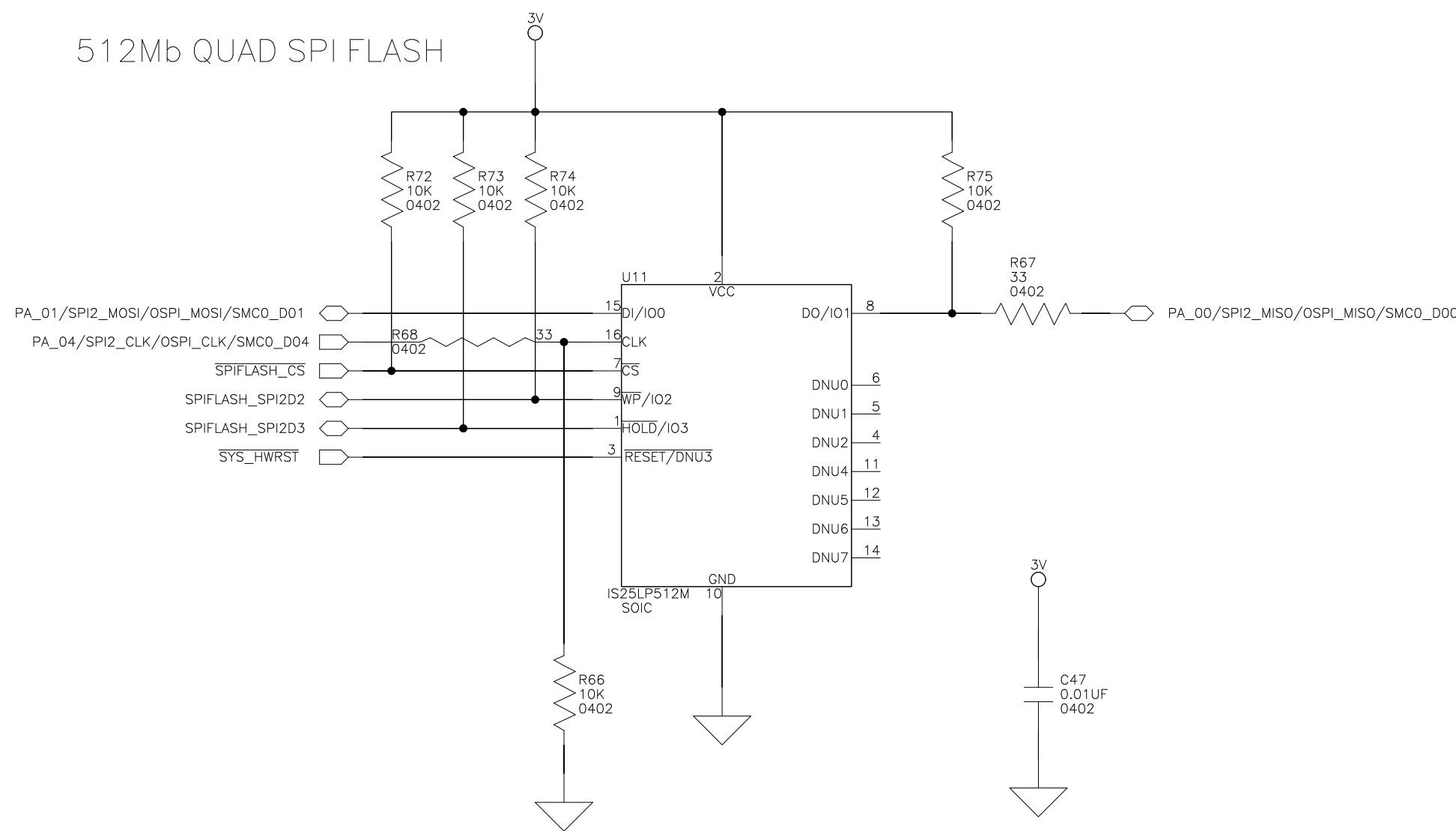
4

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4



		2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD	
Title ADSP-21569 SoM SPI Flash			
Size C	Board No. EV-21569-SOM		Rev A
Date	1/29/2020	Sheet	8 of 12

1

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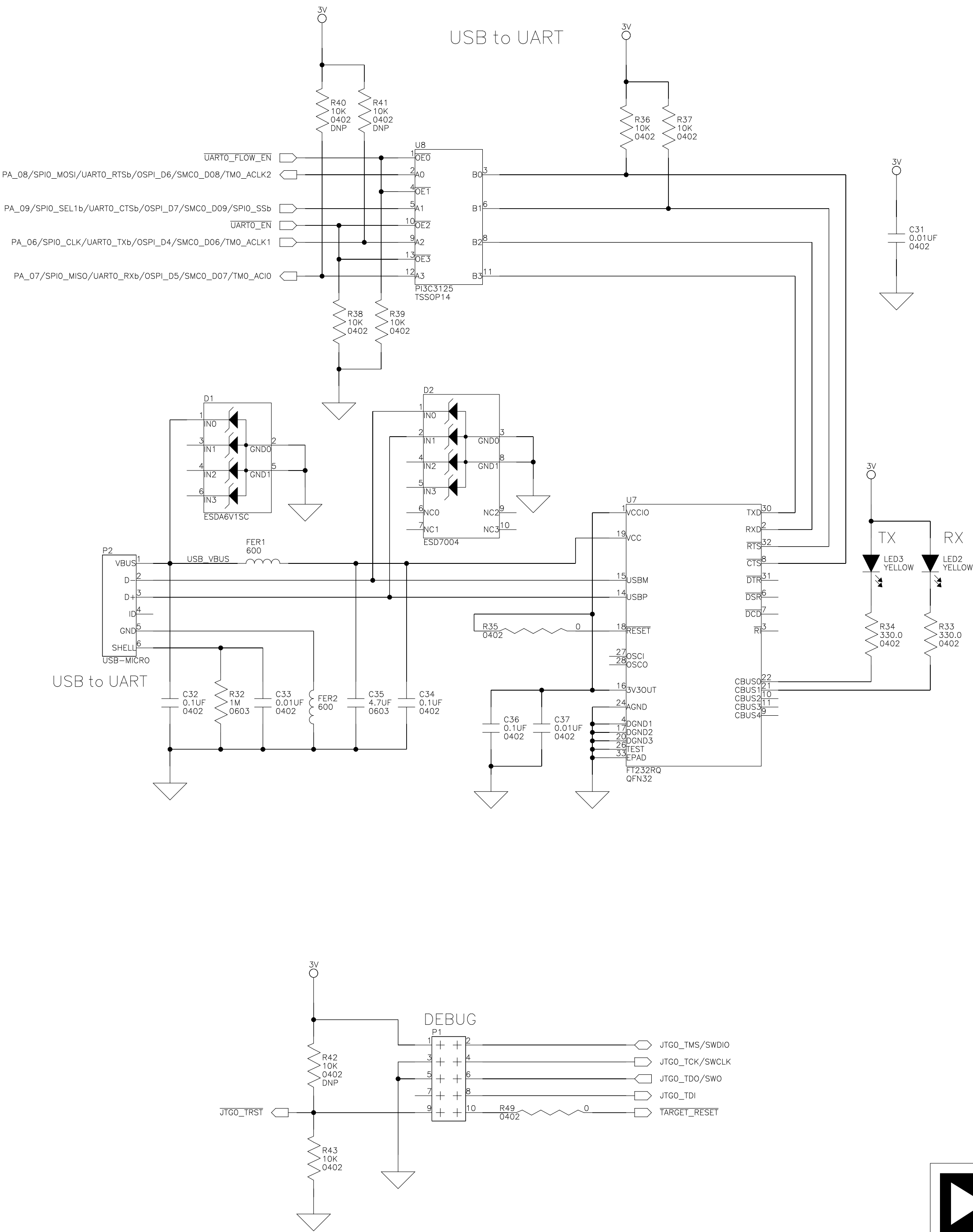
4

1

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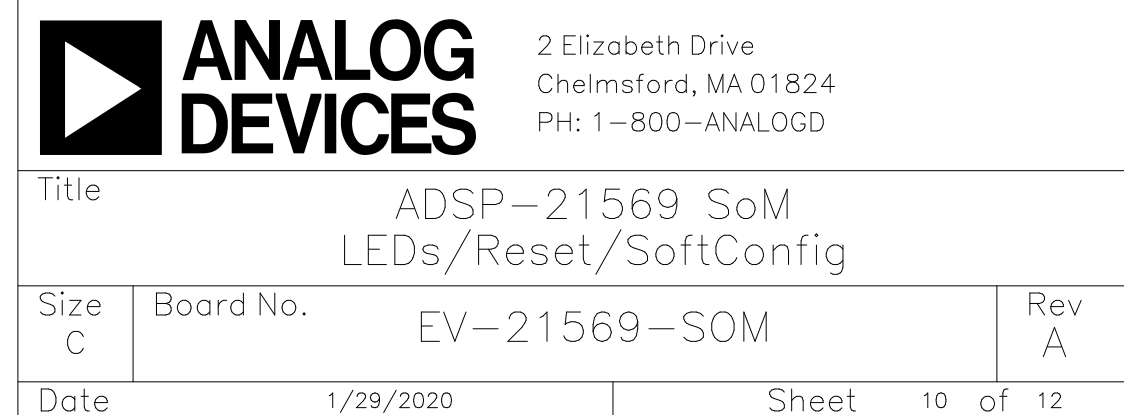
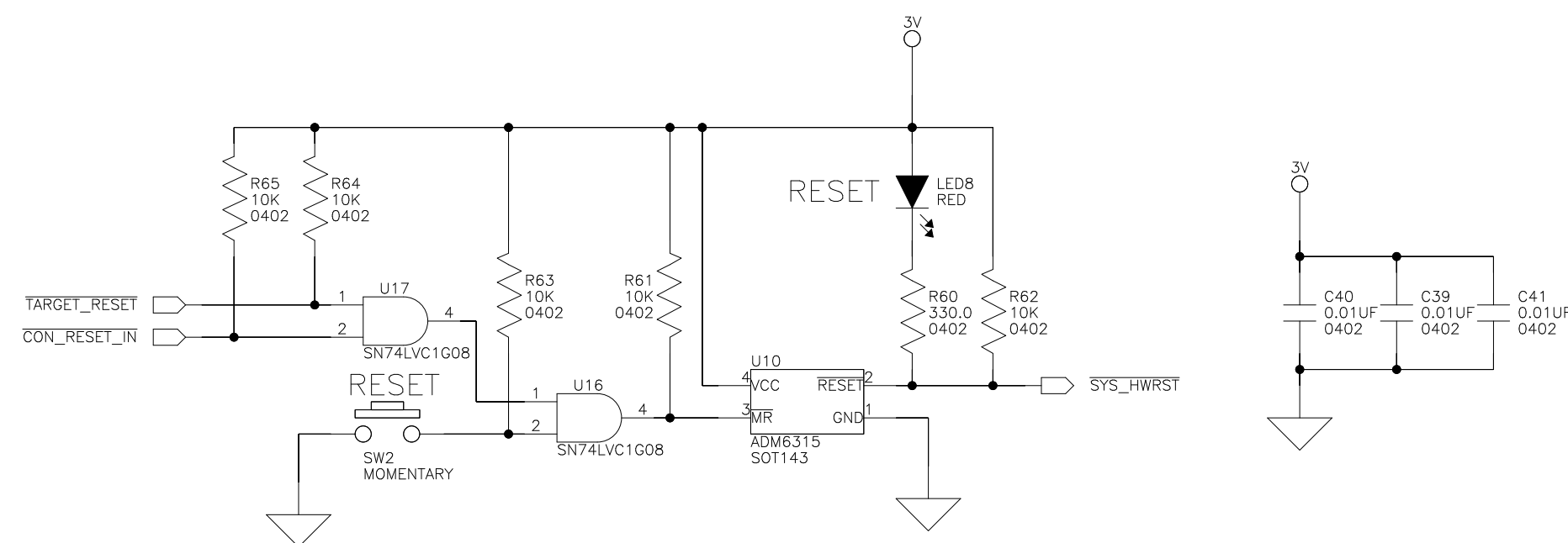
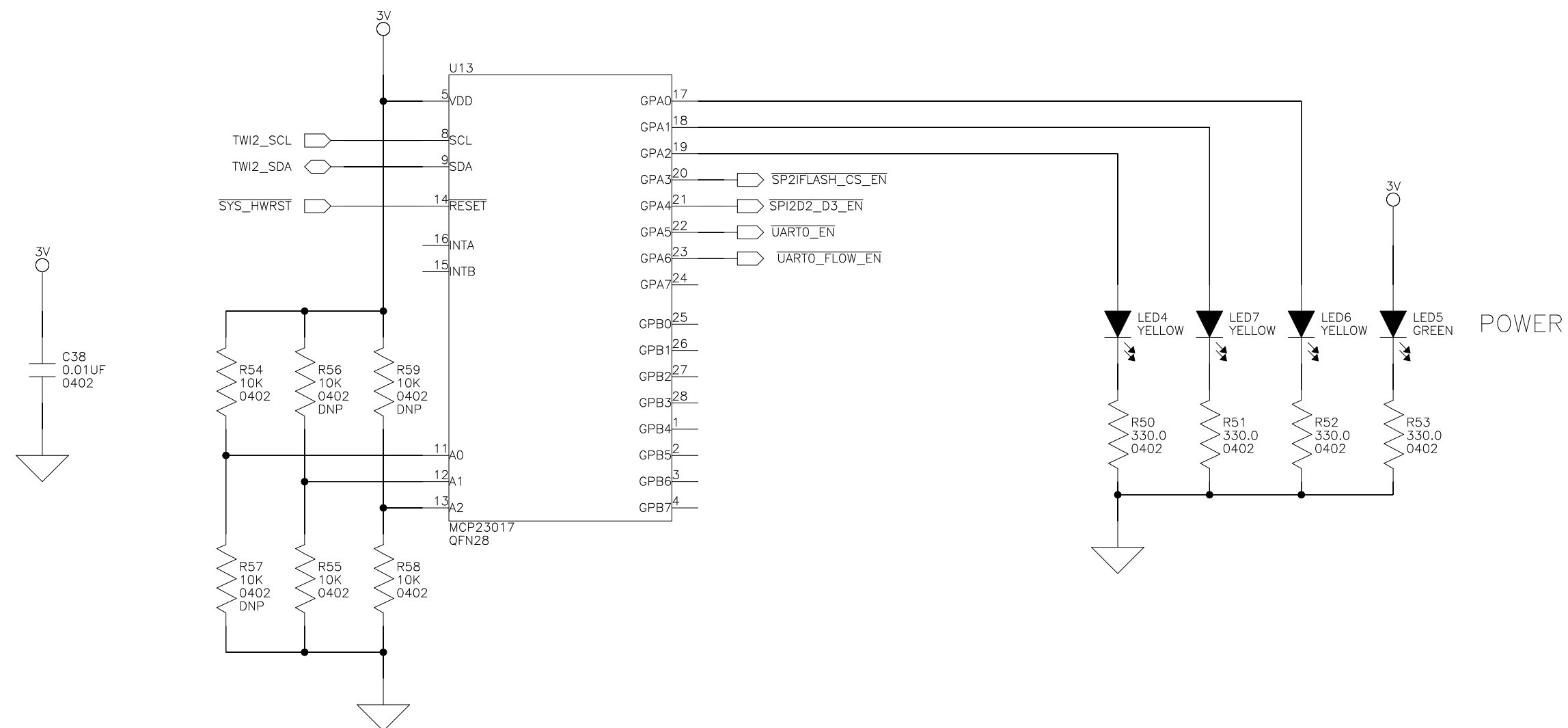
3

4



		2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD	
Title		ADSP-21569 SoM UART/JTAG	
Size C	Board No. EV-21569-SOM		Rev A
Date	1/29/2020	Sheet	9 of 12

TWI Address 0100001x
x is the R/W bit. Read – 1, Write – 0



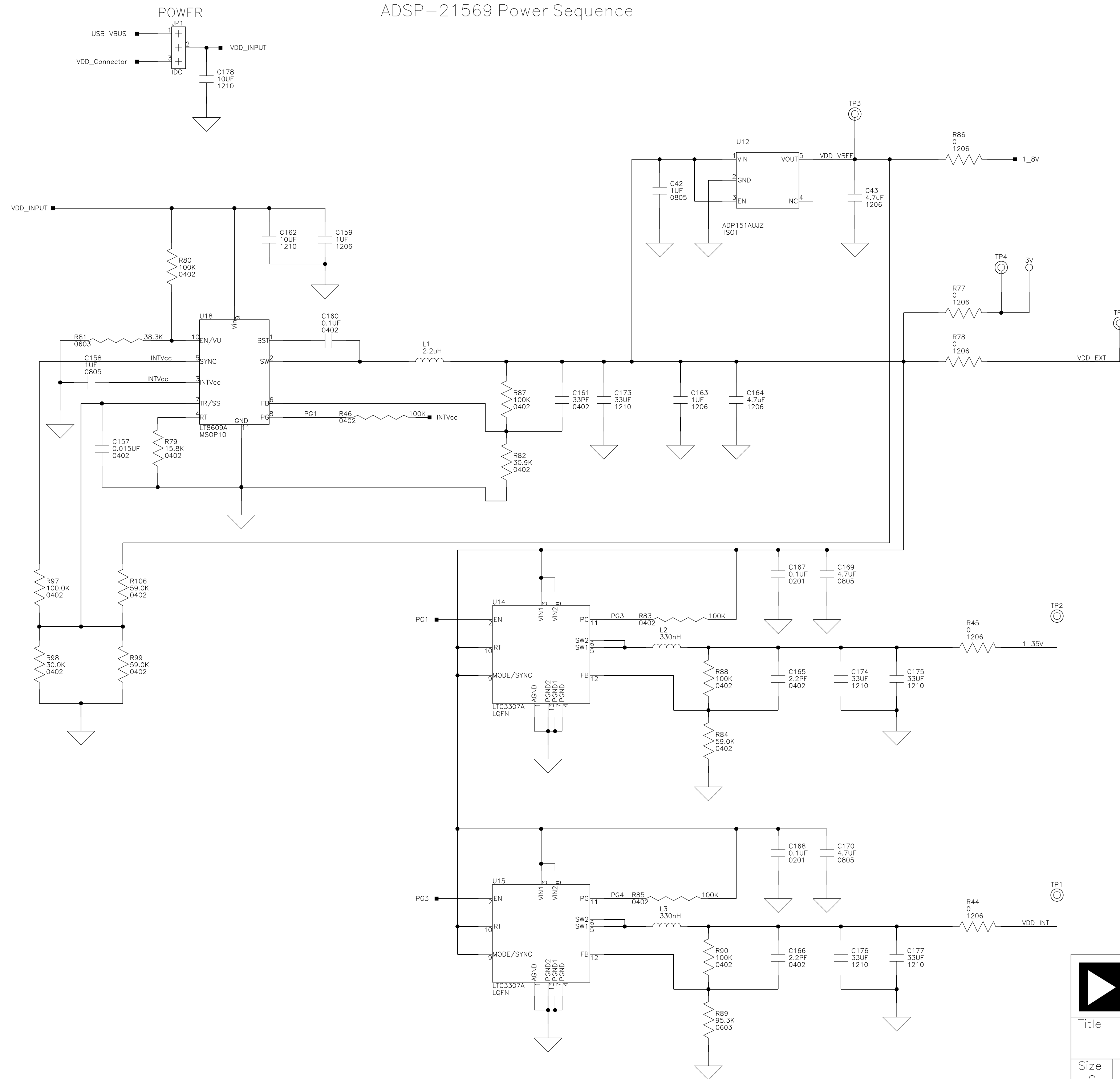
A

B

C

D

ADSP-21569 Power Sequence



		2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD	
		Title ADSP-21569 SoM Power	
Size C	Board No. EV-21569-SOM		Rev A
Date	1/29/2020	Sheet 11	of 12

A

B

C

D

