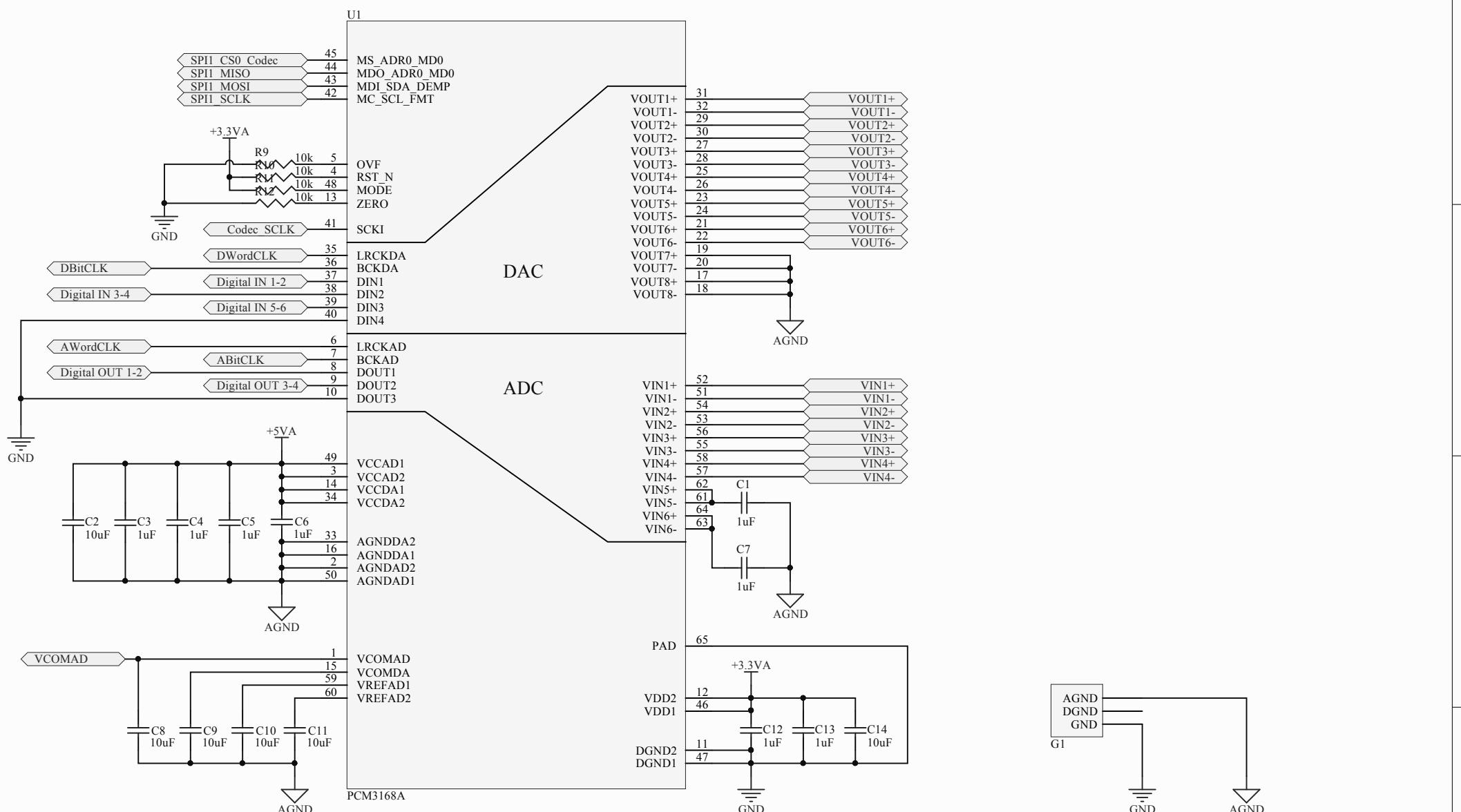
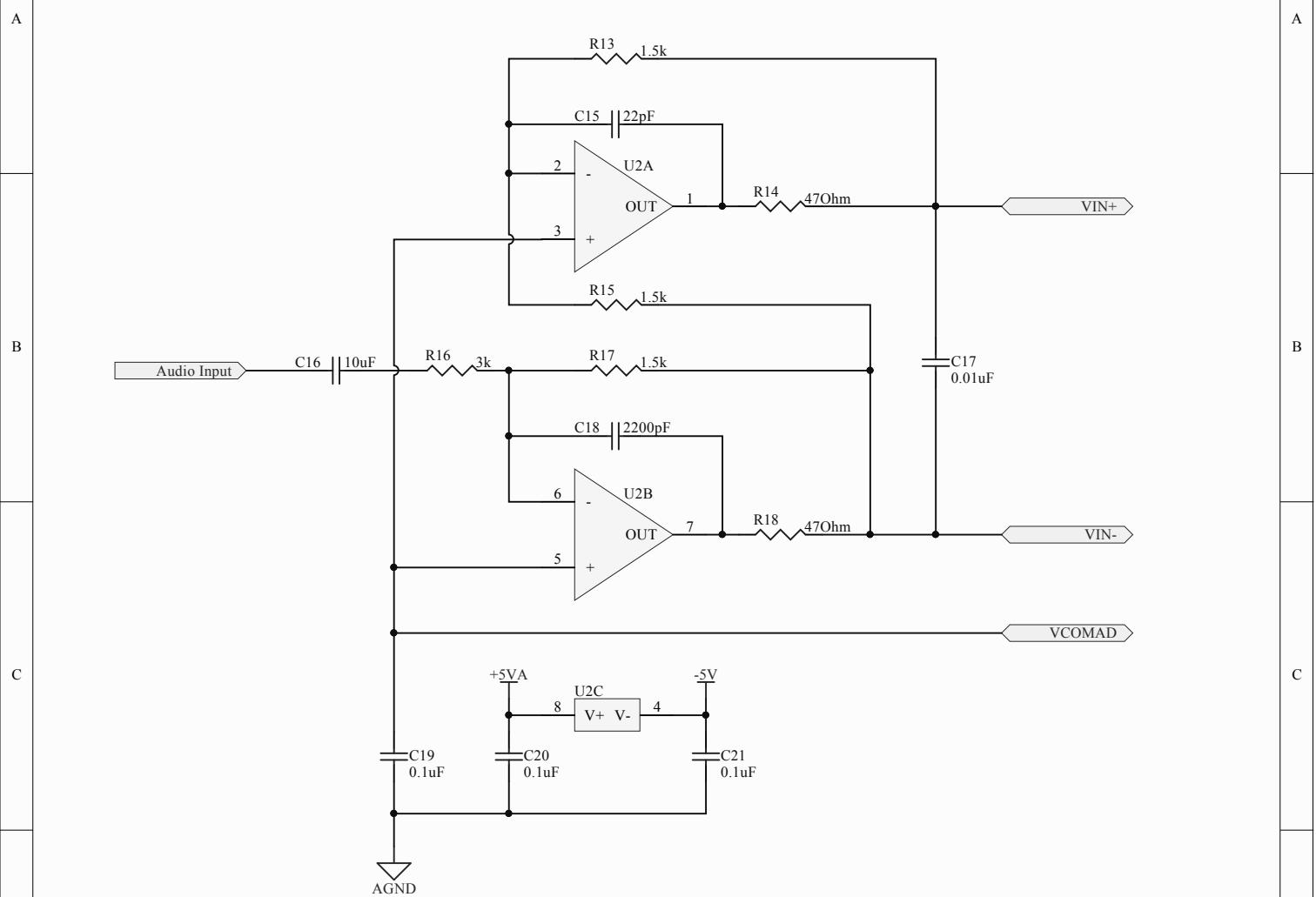


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Size A1	Number	Revision
Date:	3/23/2018	Sheet of
File:	C:\Users\..\P0 Main	Drawn By:



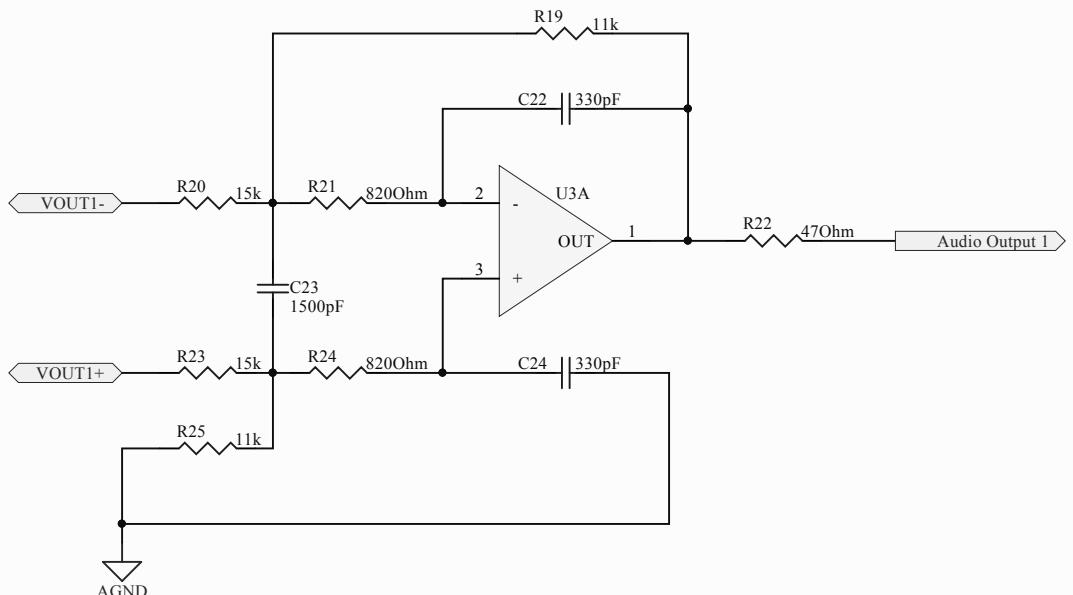
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Size	Number	Revision
A4		
Date: 3/23/2018	Sheet of	
File: C:\Users\...\PC1 Codec.SchDoc		Drawn By:



Title		
Size A4	Number	Revision
Date: 3/23/2018		Sheet of
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A



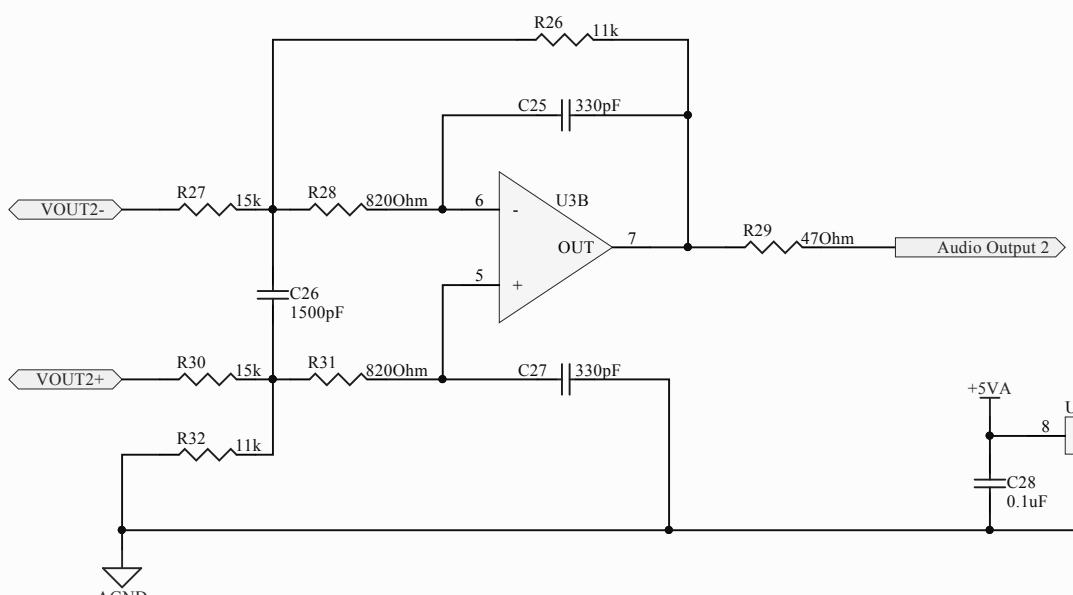
A

B

B

C

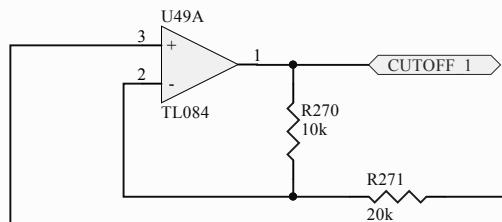
C



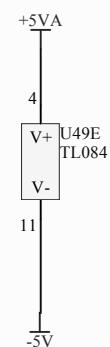
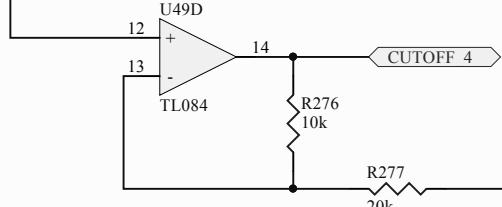
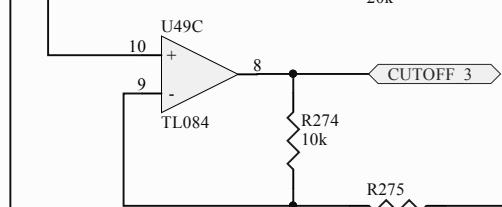
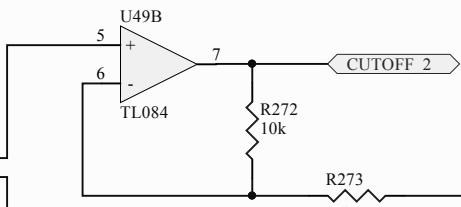
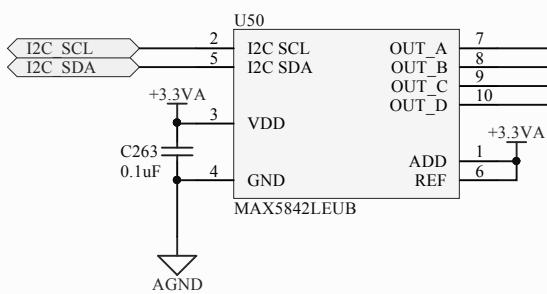
D

Title		
Size A4	Number	Revision
Date: 3/23/2018		Sheet of
File: C:\Users\...\PC3 Output.SchDoc		Drawn By:

A



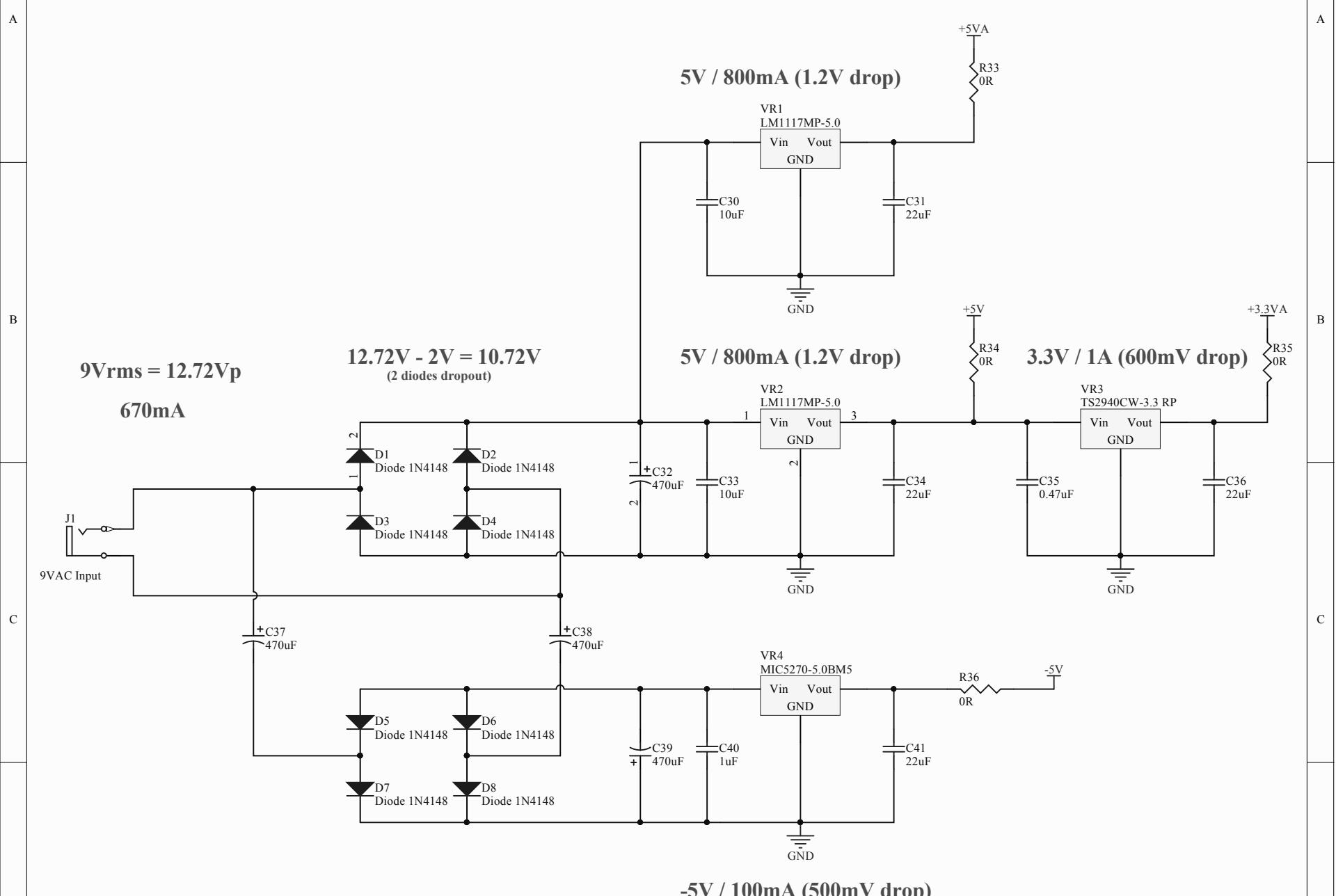
B



C

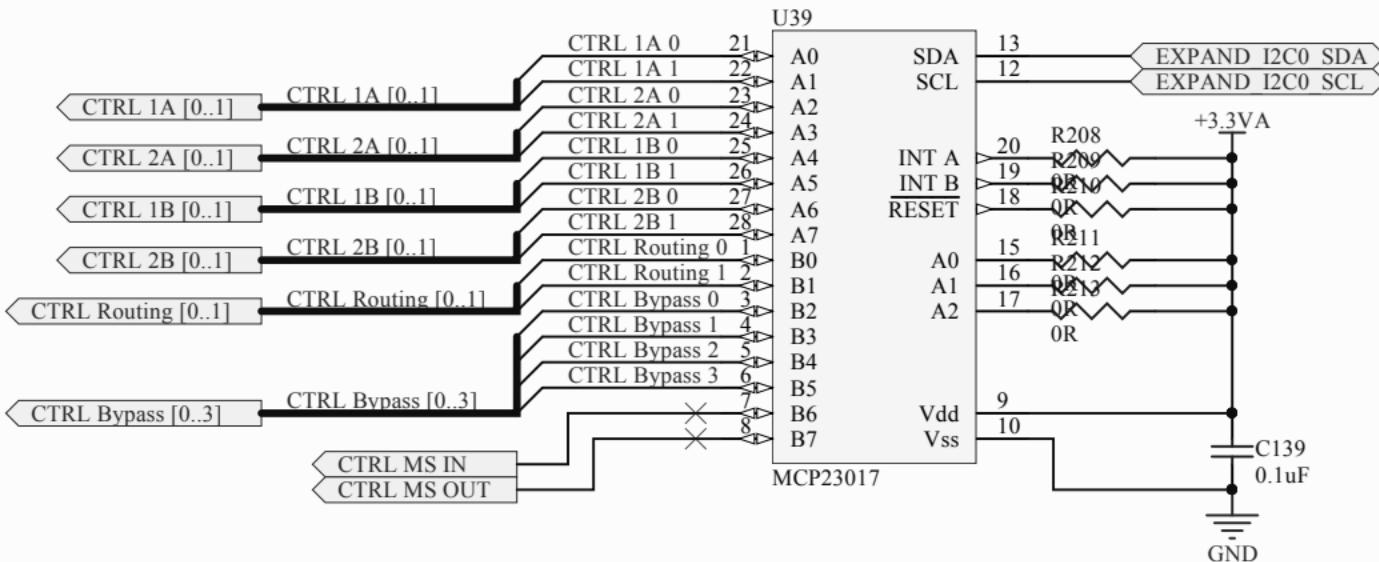
D

Title		
Size A4	Number	Revision
Date: 3/23/2018		Sheet of
File: C:\Users..\PC4 DAC Cutoff.SchDoc		Drawn By:



Title		
Size A	Number	Revision
Date: 3/23/2018	Sheet of	
File: C:\Users\...\PF1 Alim.SchDoc	Drawn By:	

Expander Address 0100111

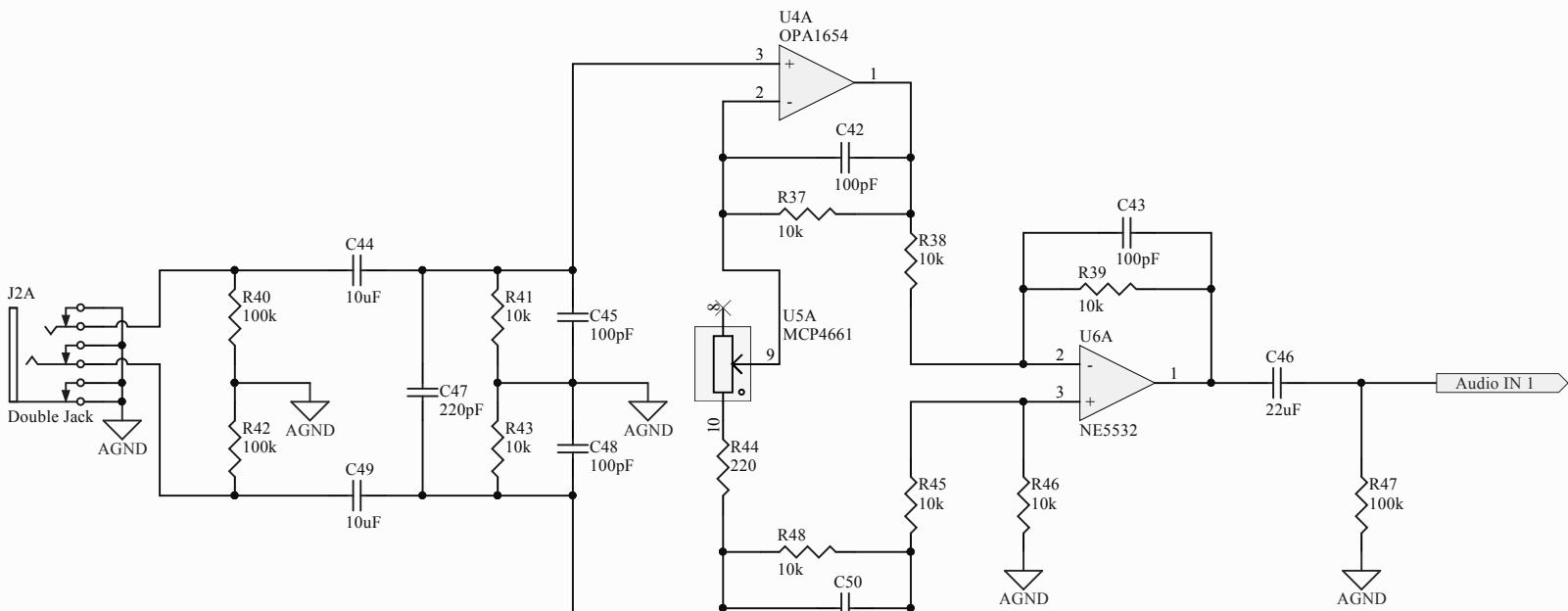


Title

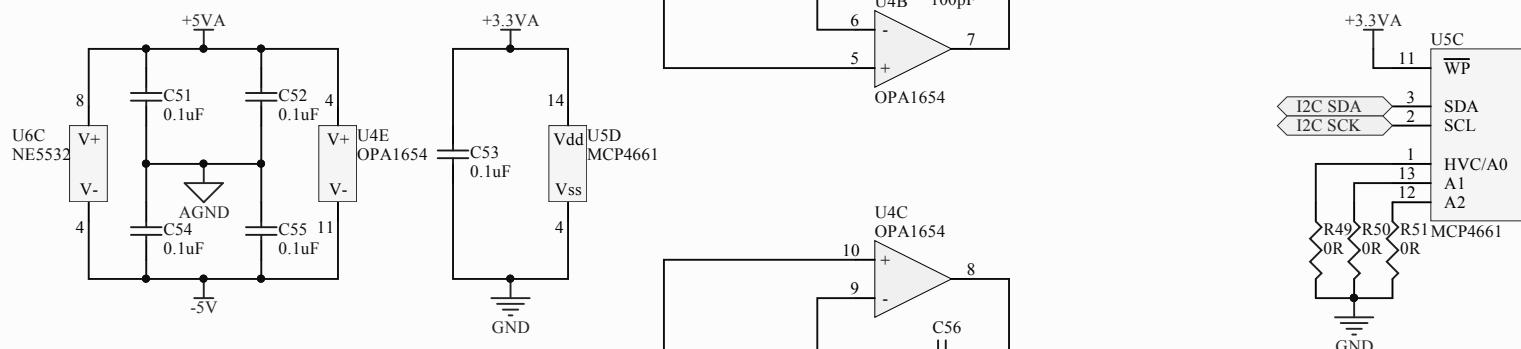
Size	Number	Revision
A		

Date:	3/23/2018	Sheet of
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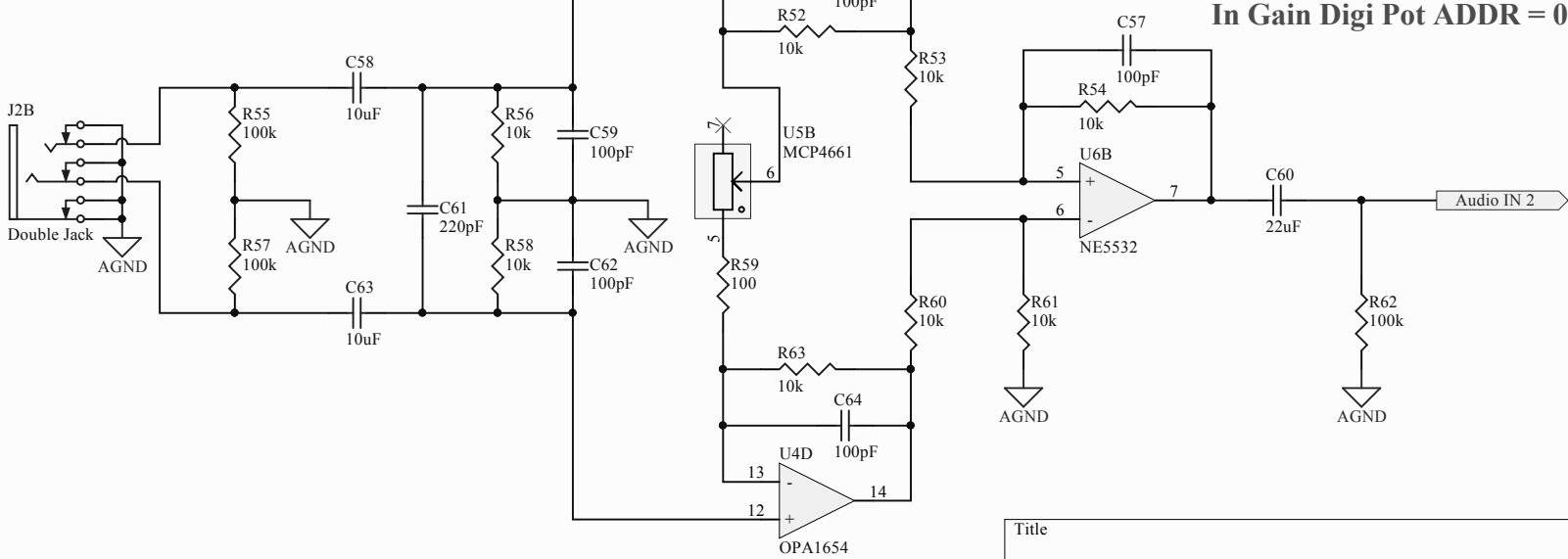
A



B

**In Gain Digi Pot ADDR = 000**

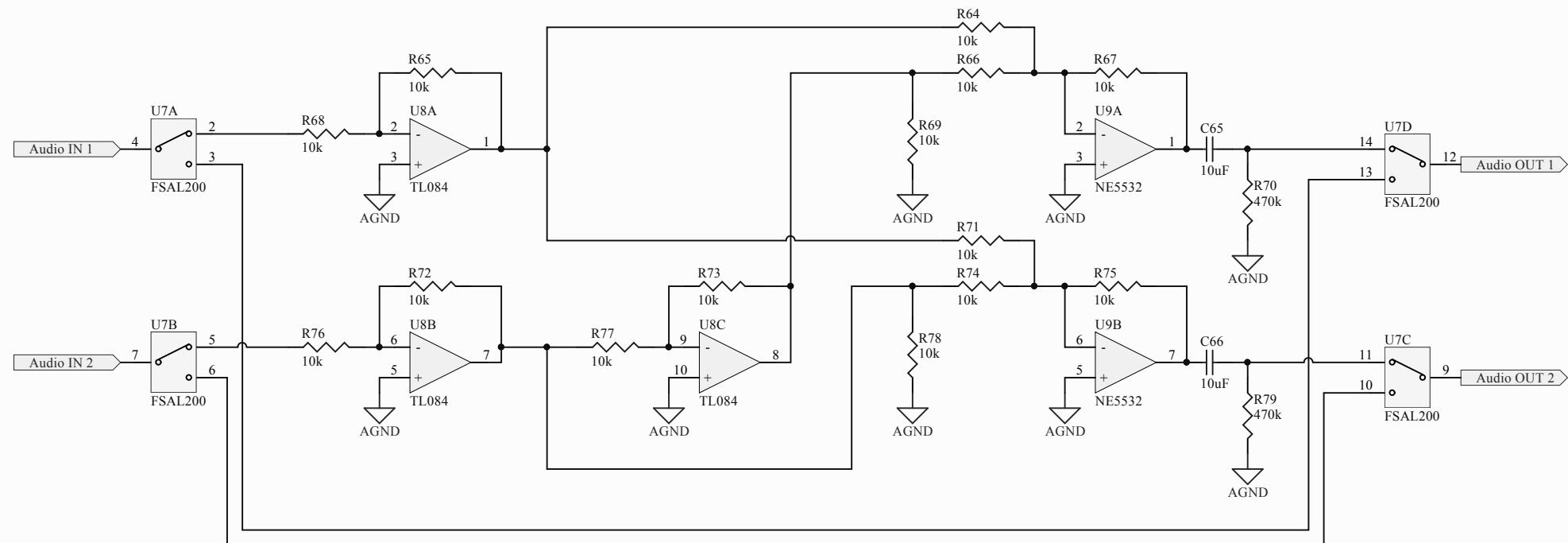
C



D

Title		
Size	Number	Revision
A		
Date:	3/23/2018	Sheet of
File:	C:\Users\...\PF2_AudioInput.SchDoc	Drawn By:

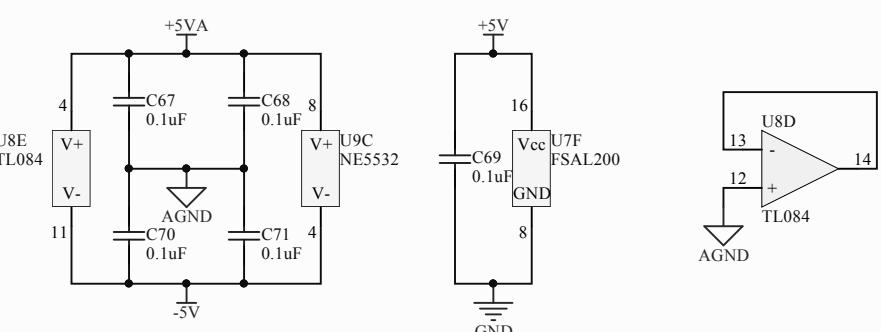
A



B

C

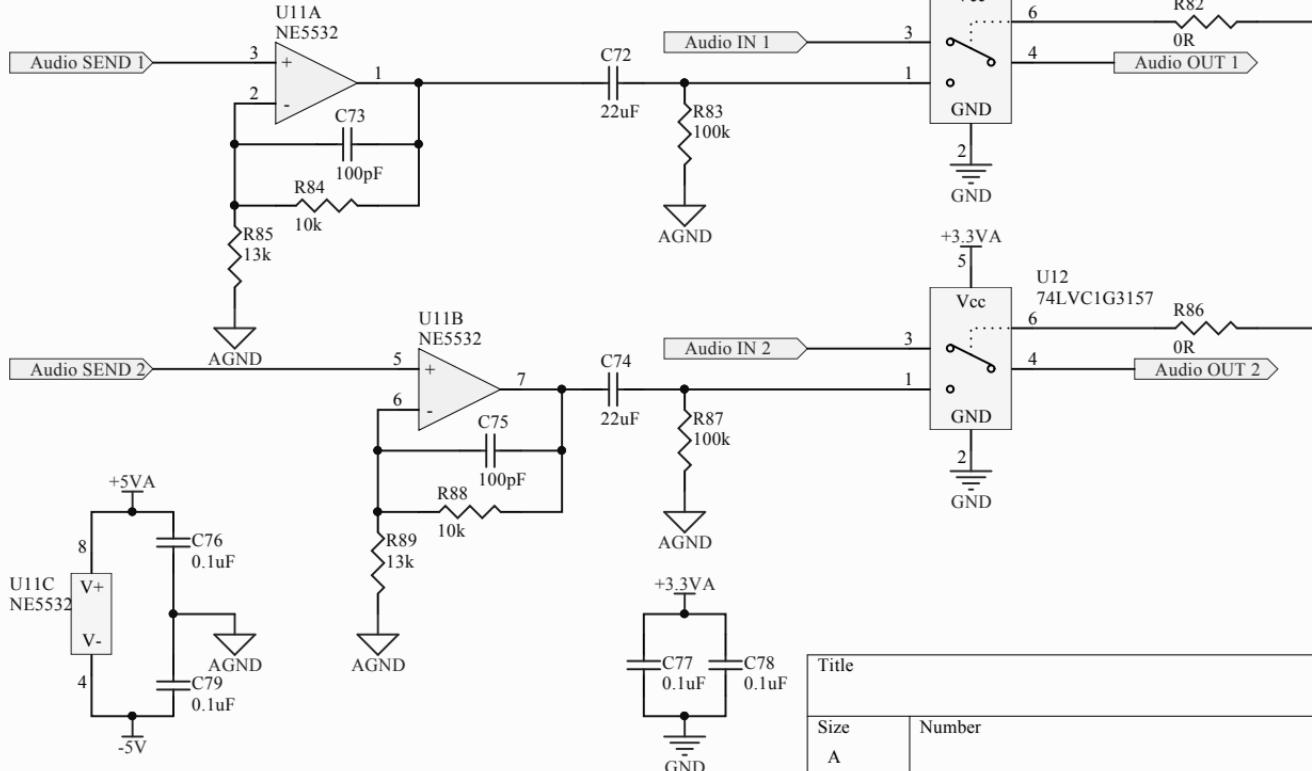
D

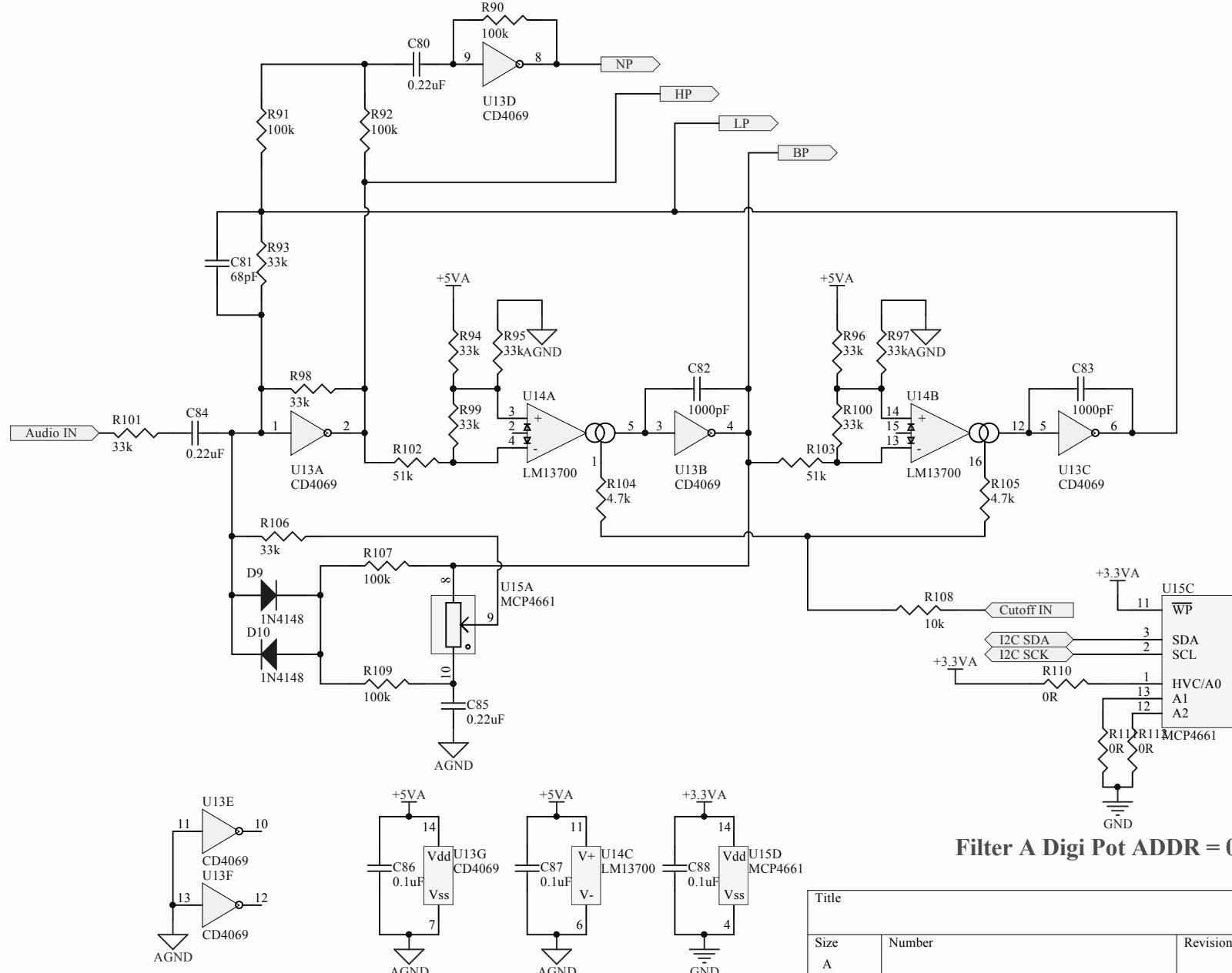


Title		
Size	Number	Revision
A		
Date: 3/23/2018		Sheet of
File: C:\Users...\PF3_MS.SchDoc		Drawn By:

Gain = 1.75

$$2V_{rms} = 2.82 \text{ Vp} * 1.75 = 4.94 \text{ Vp}$$

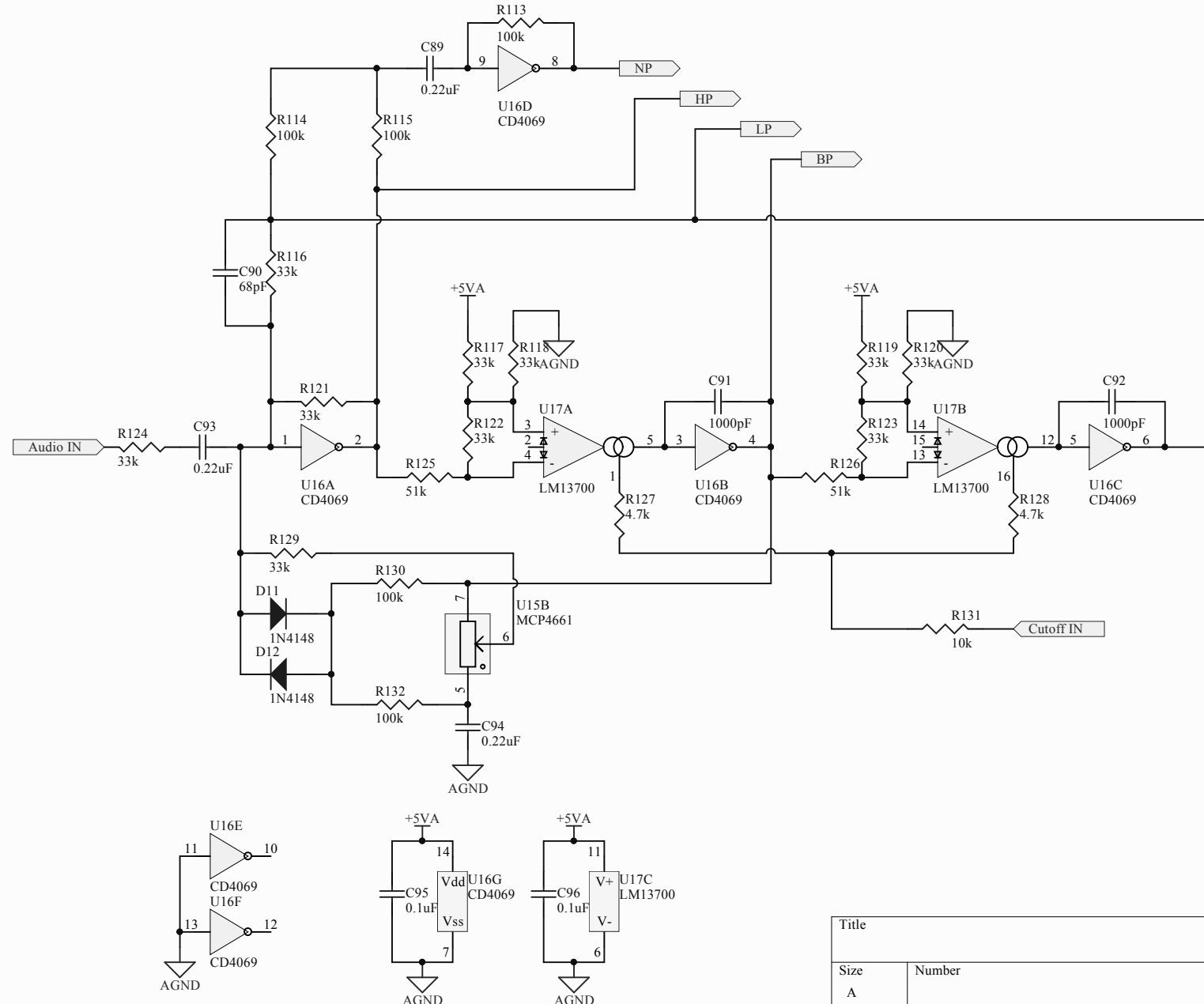




Filter A Digi Pot ADDR = 001

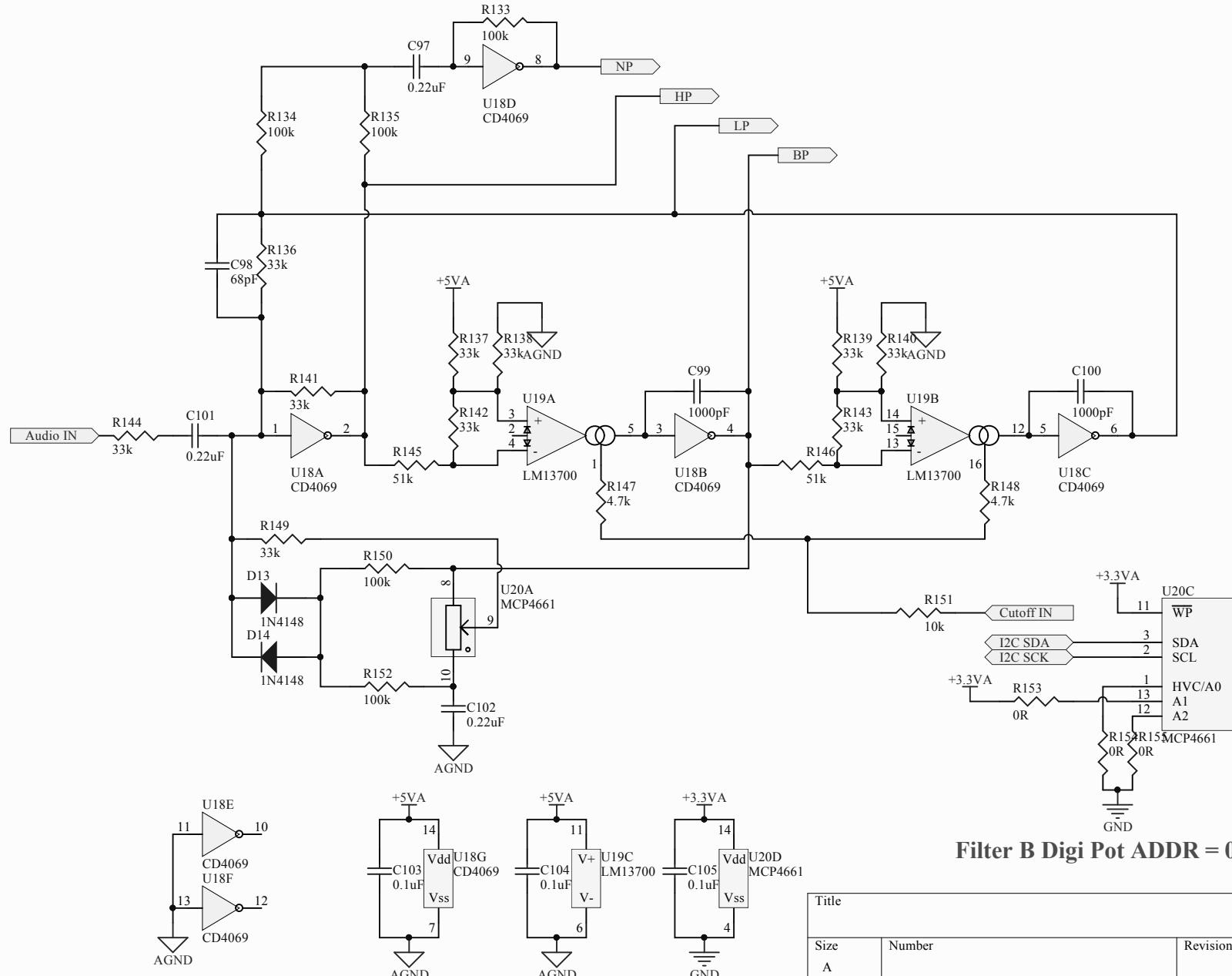
Title

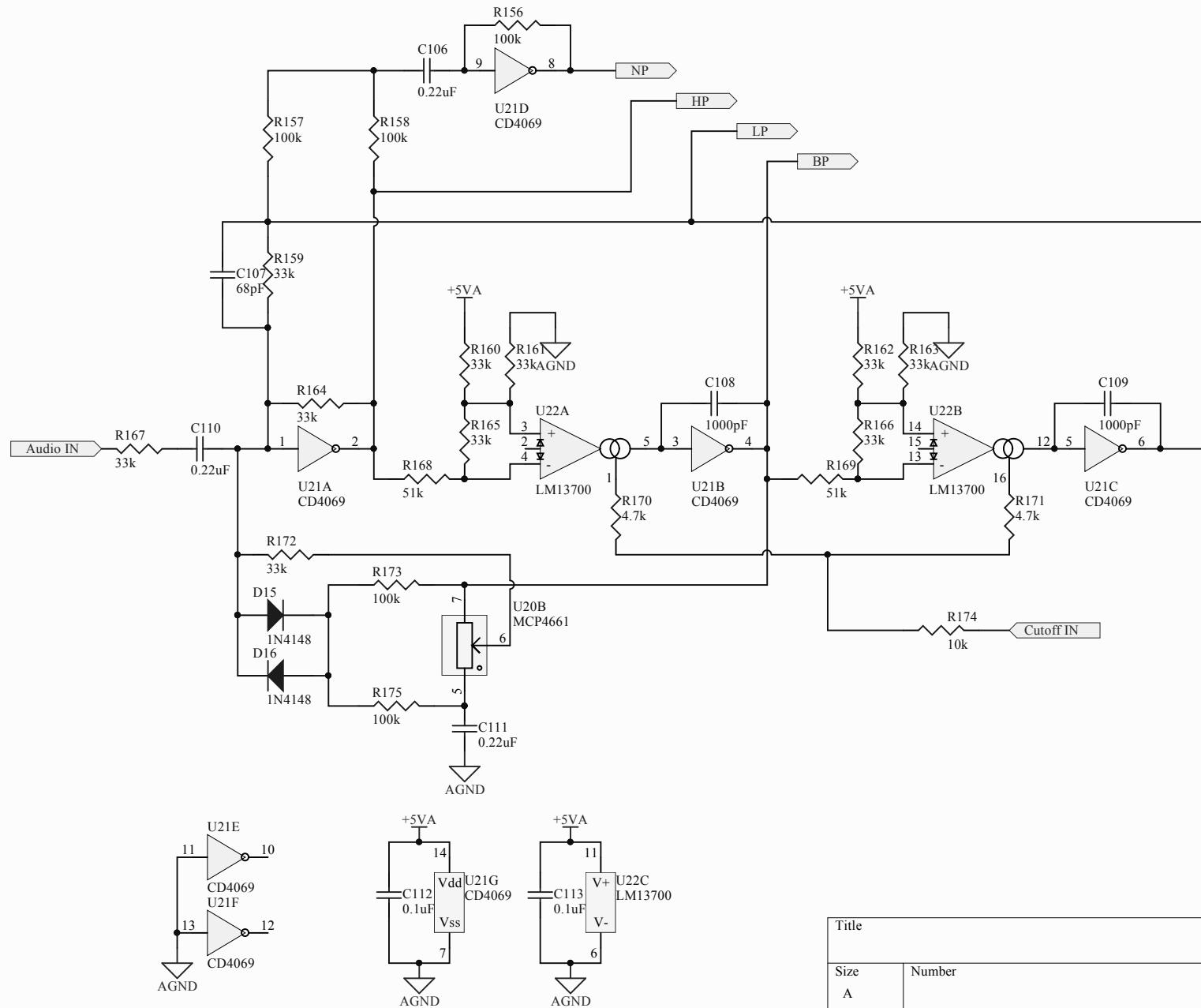
Size	Number	Revision
A		
Date: 3/23/2018	Sheet of	
File: C:\Users\...\PF5a Filter1A.SchDoc		Drawn By:



Title

Size	Number	Revision
A		
Date: 3/23/2018	Sheet of	
File: C:\Users\...\PF5b Filter2A.SchDoc		Drawn By:

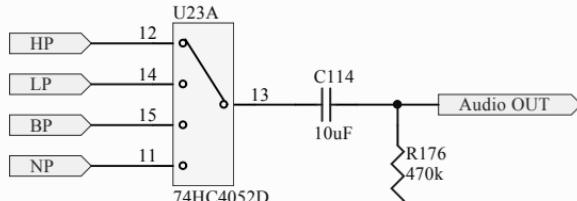




Title

Size	Number	Revision
A		
Date: 3/23/2018	Sheet of	
File: C:\Users\...\PF5d Filter2B.SchDoc		Drawn By:

A



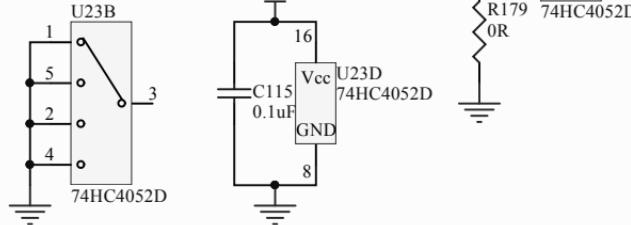
A

B



B

C



C

D

Title

Size
A

Number

Revision

Date: 3/23/2018

Sheet of

File: C:\Users\...\PF6_FilterMode.SchDoc

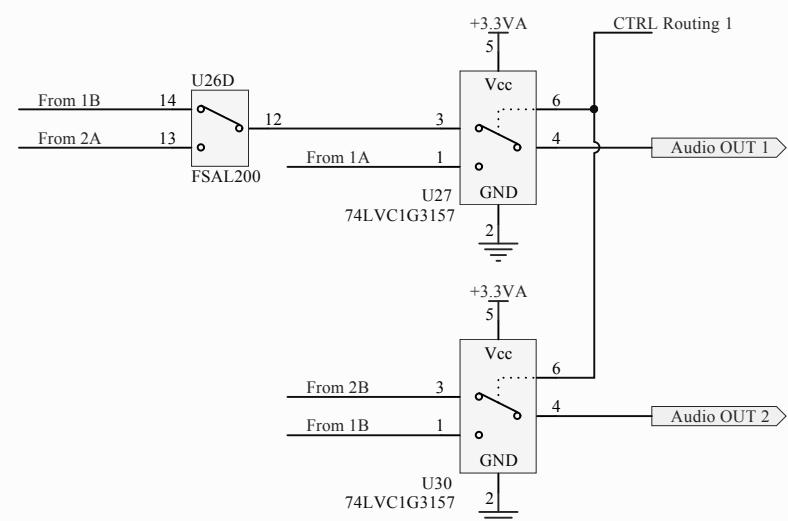
Drawn By:

D

	1A	2A	1B	2B	Out1	Out2
Stereo	In1	In2	1A	2A	1B	2B
Dual Mono	//	1A	In2	1B	2A	//
Single Mono	//	//	//	//	1A	1B

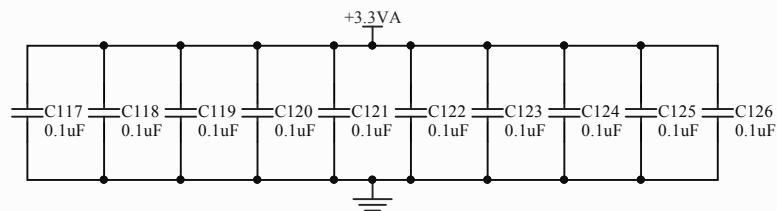
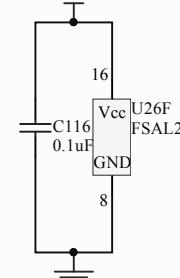
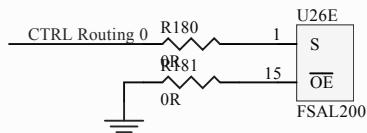
Audio IN 2 From Audio IN 2

Audio IN 1 To 1A



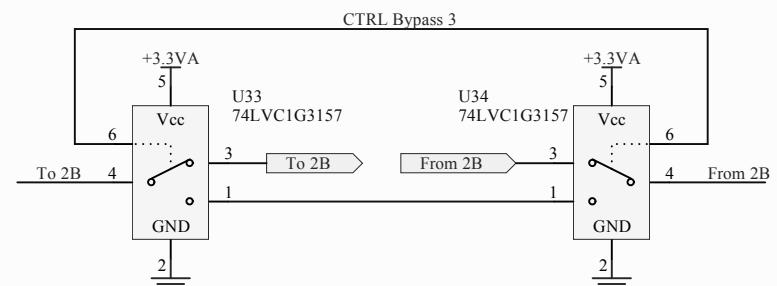
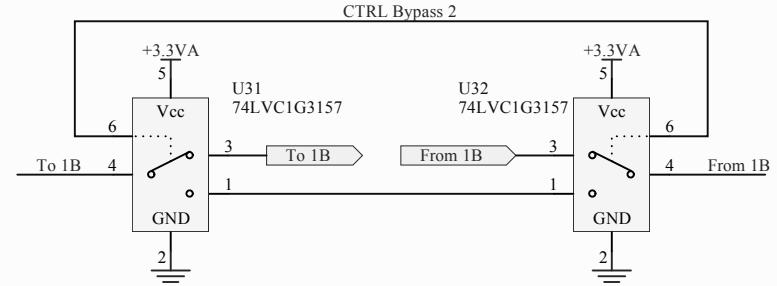
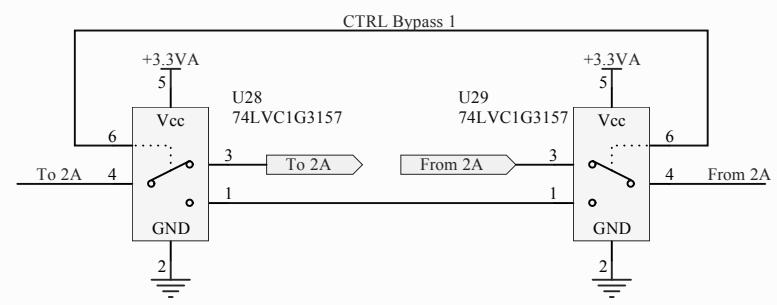
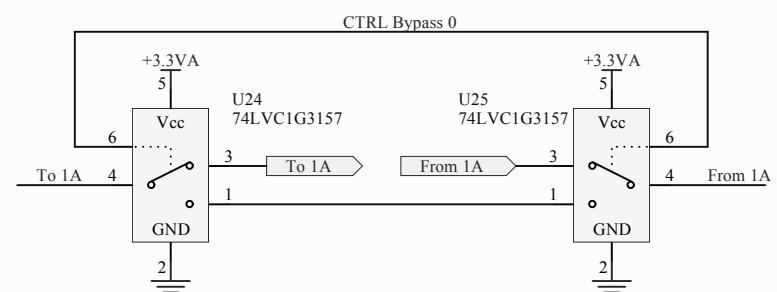
FILTER ROUTING

CTRL Routing [0..1]



FILTER BYPASS

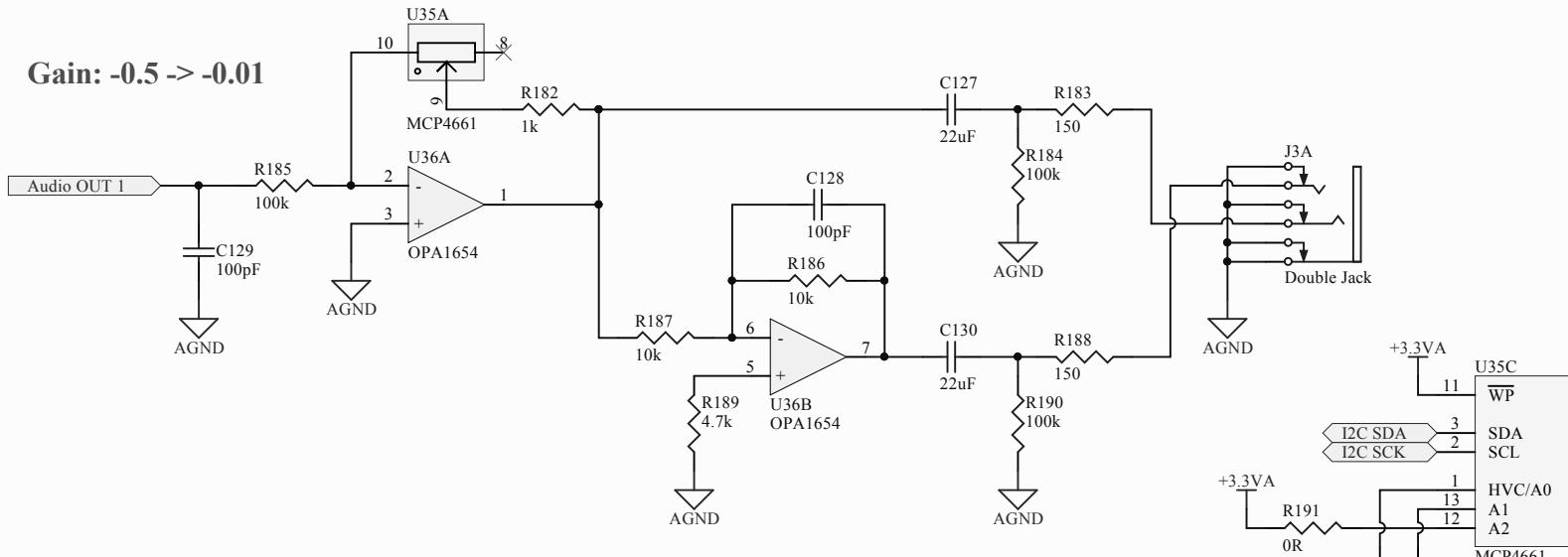
CTRL Bypass [0..3]



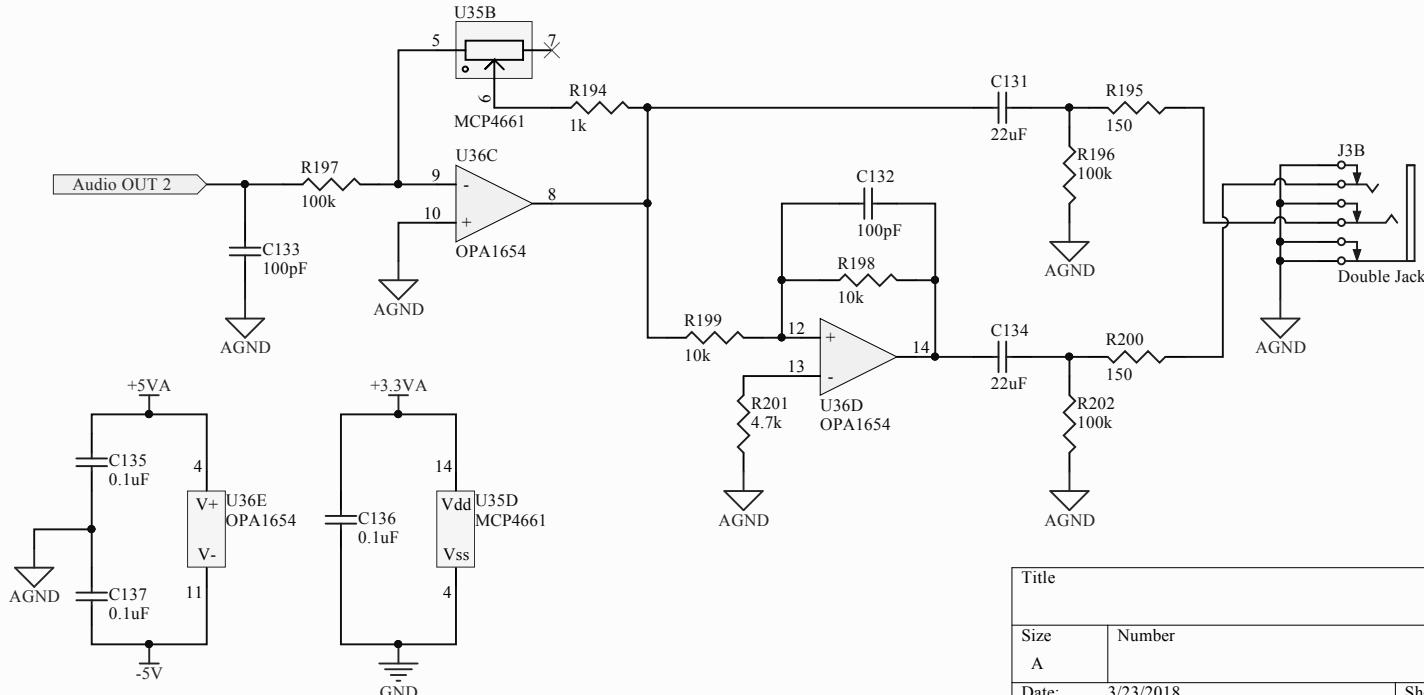
Title

Size
ANumber
RevisionDate: 3/23/2018 Sheet of
File: C:\Users\...\PF7 FilterRoutingBypass.SchDrawn By:

Gain: -0.5 > -0.01



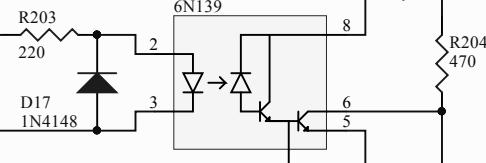
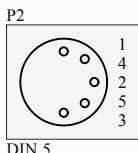
Output Digi Pot ADDR = 100



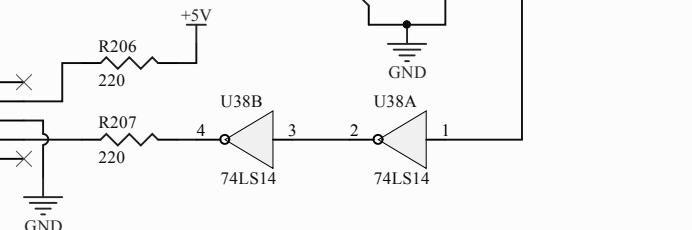
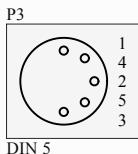
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Size	Number	Revision
A		
Date: 3/23/2018	Sheet of	
File: C:\Users\...\PF8_AudioOutput.SchDoc		Drawn By:

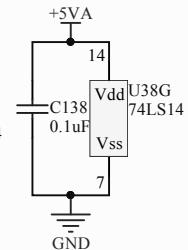
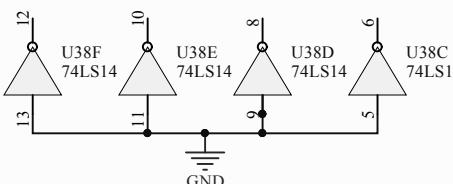
A

MIDI IN

B

**MIDI THRU**

C



Title

Size A	Number	Revision
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Date: 3/23/2018

File: C:\Users\...\PF9_MIDI.SchDoc

Sheet of

Drawn By:

D

1

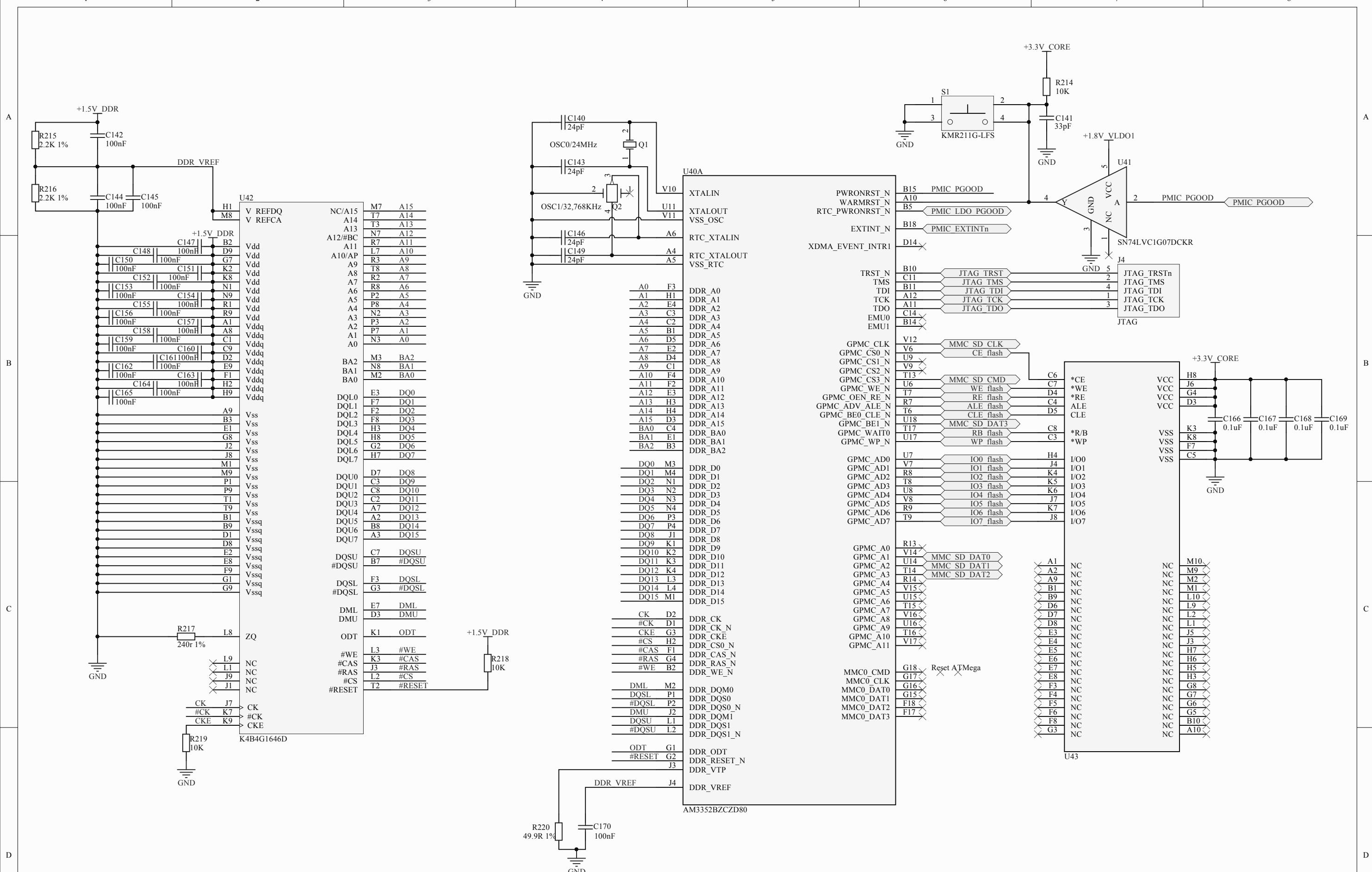
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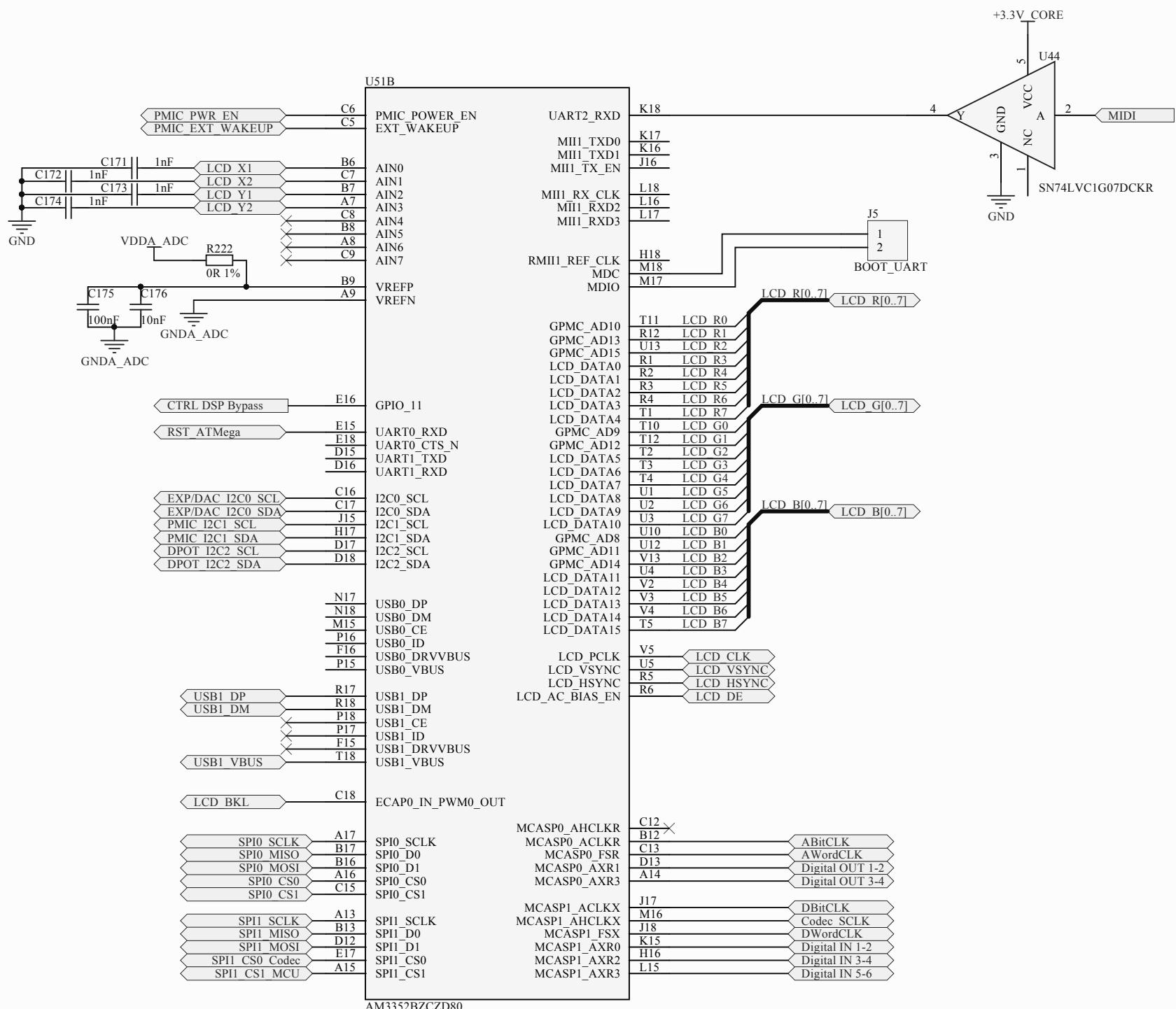
3

4

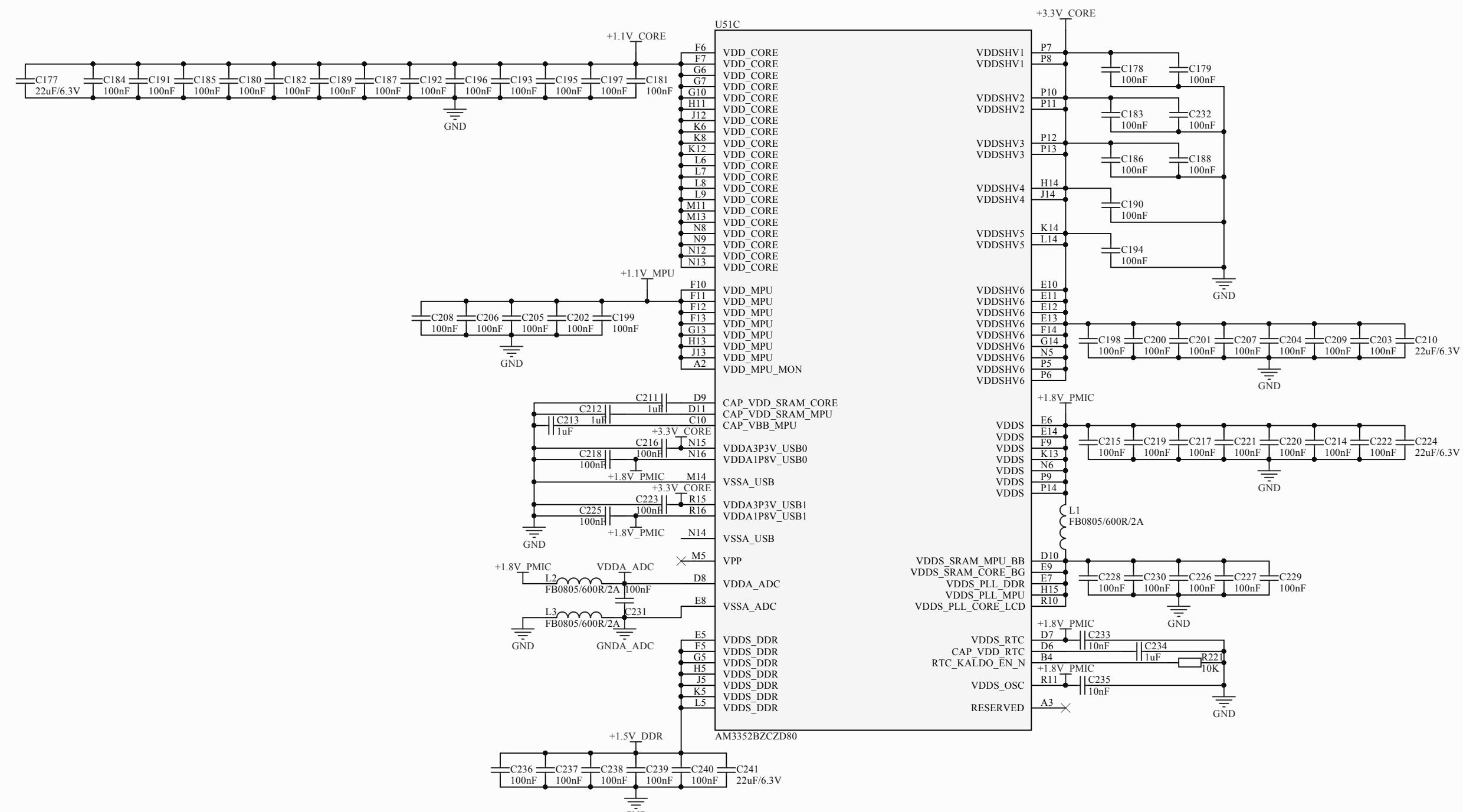
5

6





Title		
Size	Number	Revision
A3		
Date: 3/23/2018	Sheet of	
File: C:\Users\PP2.ptB.SchDoc		Drawn By:



Title		
Size A3	Number	Revision
Date: File:	3/23/2018 C:\Users\...\RP2_etc\Alim_SchDoc	Sheet of Drawn By

A

A

B

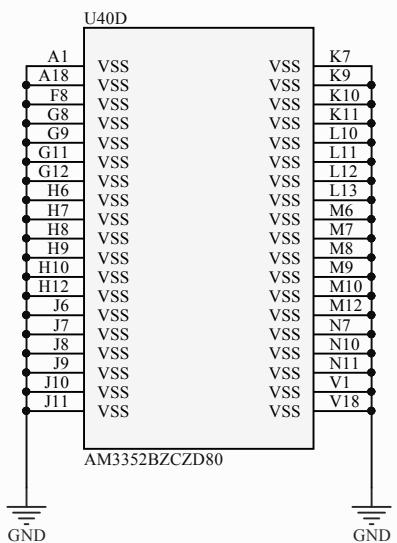
B

C

C

D

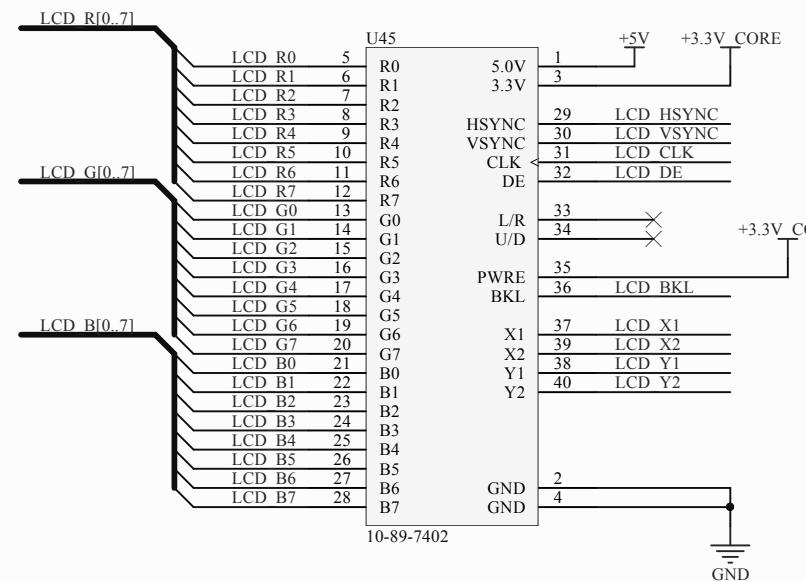
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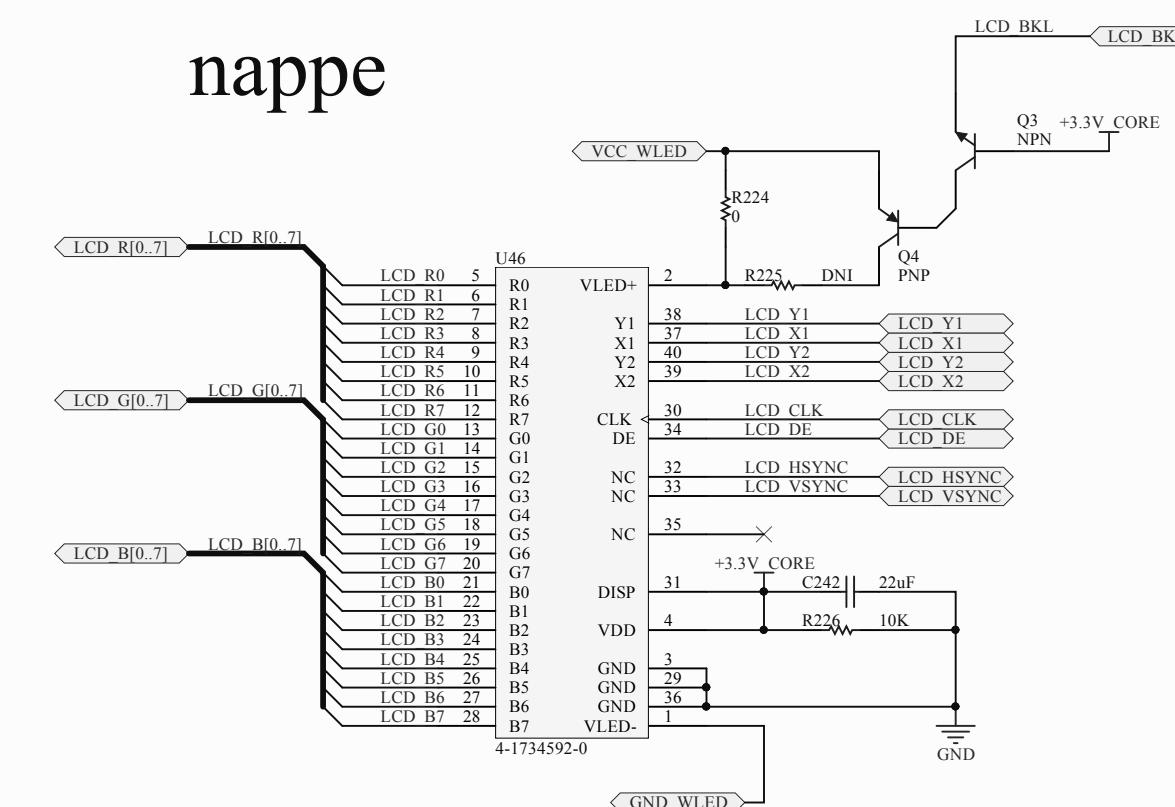
Title

Size	Number	Revision
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Date:	3/23/2018	Sheet of
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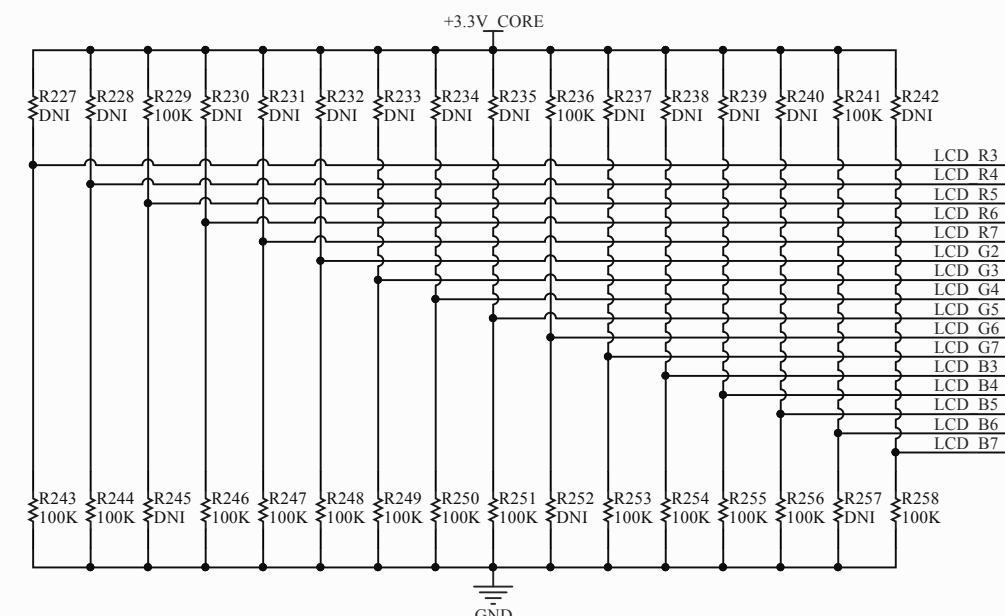
02X20



nappe



BOOT



0010 0000 0100 0010

Title		
Size	Number	Revision
A3		
Date: 3/23/2018	Sheet of	
File: C:\Users\.\PP6_LCD.SchDoc		Drawn By:

1

2

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A

A

B

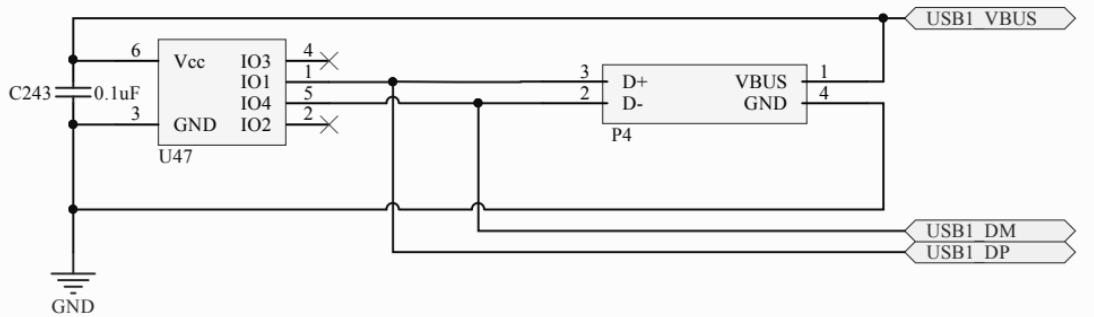
B

C

C

D

D



1

2

3

4

5

6

A

A

B

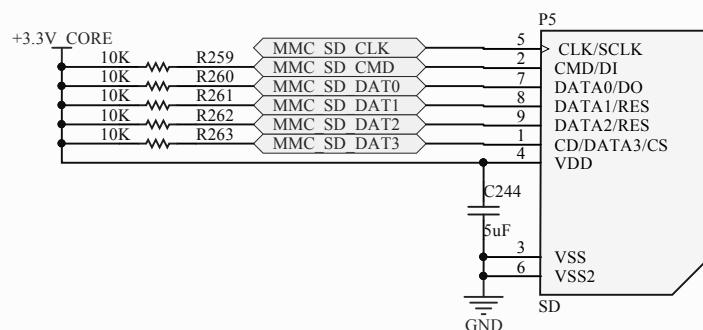
B

C

C

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D



Title

Size	Number
A	

Revision

Date:	3/23/2018
File:	C:\Users\...\PP8 MMC.SchDoc

Sheet of
Drawn By:

A

A

B

B

C

C

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D

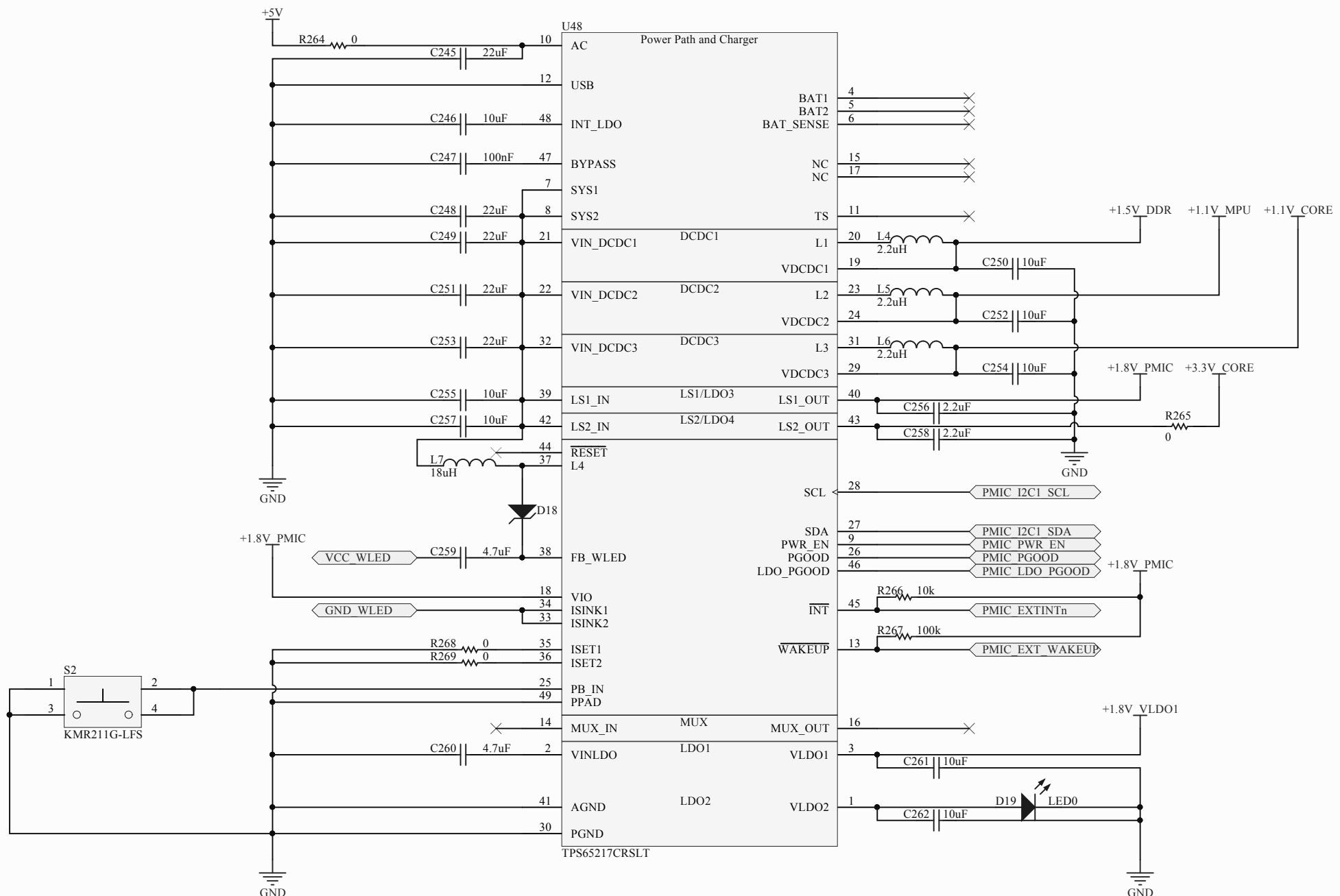


SPI0 SCLK
SPI0 MISO
SPI0 MOSI
SPI0 CS0
SPI0 CS1

Title		
Size A4	Number	Revision
Date: 3/23/2018	Sheet of	
File: C:\Users\...\PS Controle ADC-LED.Sch	Drawn By:	

A

A



B

B

C

C

D

D

Title		
Size A3	Number	Revision
Date: 3/23/2018	Sheet of	
File: C:\Users\..\PX_PMIC.SchDoc	Drawn By:	