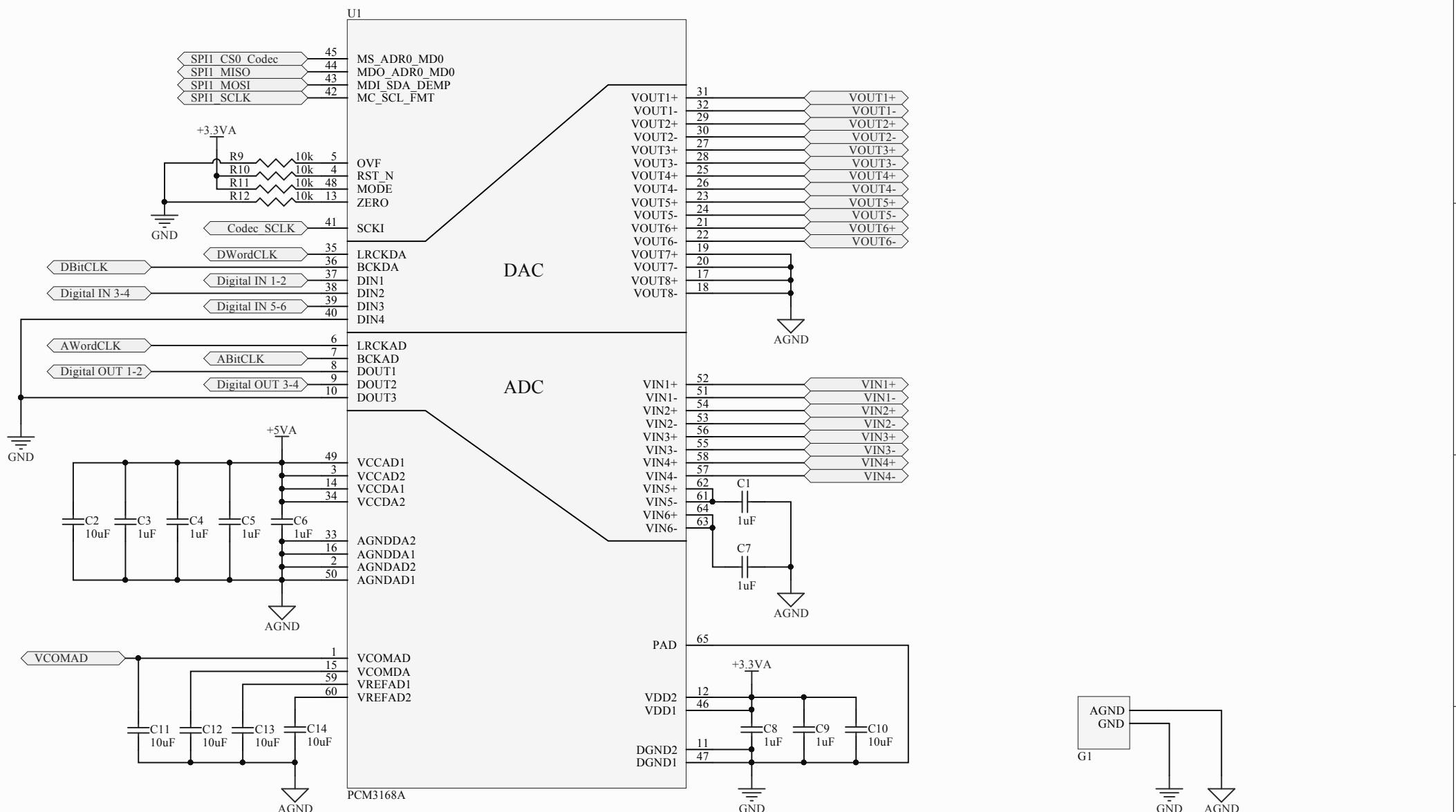
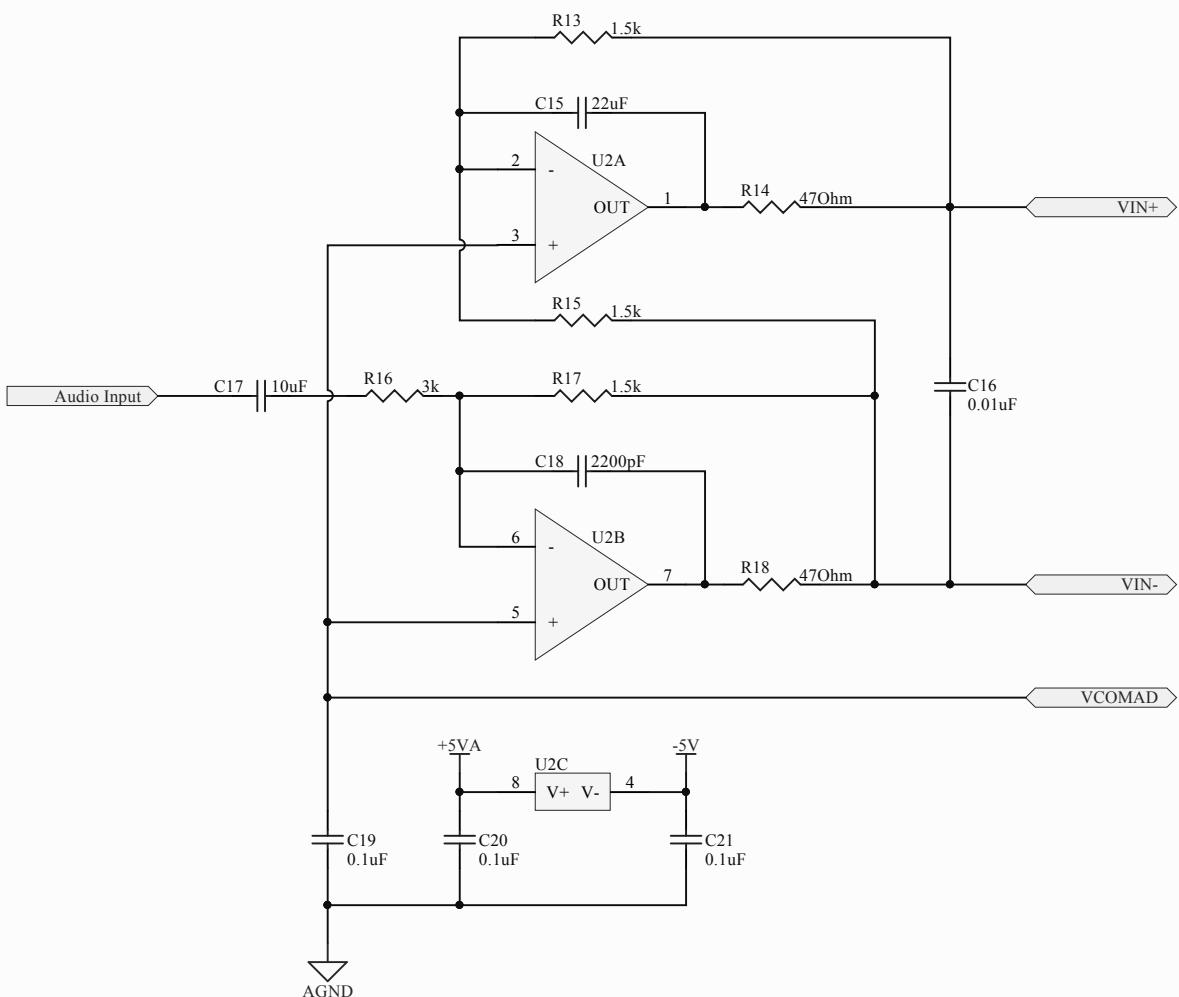


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Size A1	Number	Revision
Date:	3/24/2018	Sheet of
File:	C:\Users\..\P0_Main_Connect.SchDoc	Drawn By:



Title

Size	Number	Revision
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Date: 3/24/2018	Sheet of	
File: C:\Users\...\PC1 Codec.SchDoc		Drawn By:

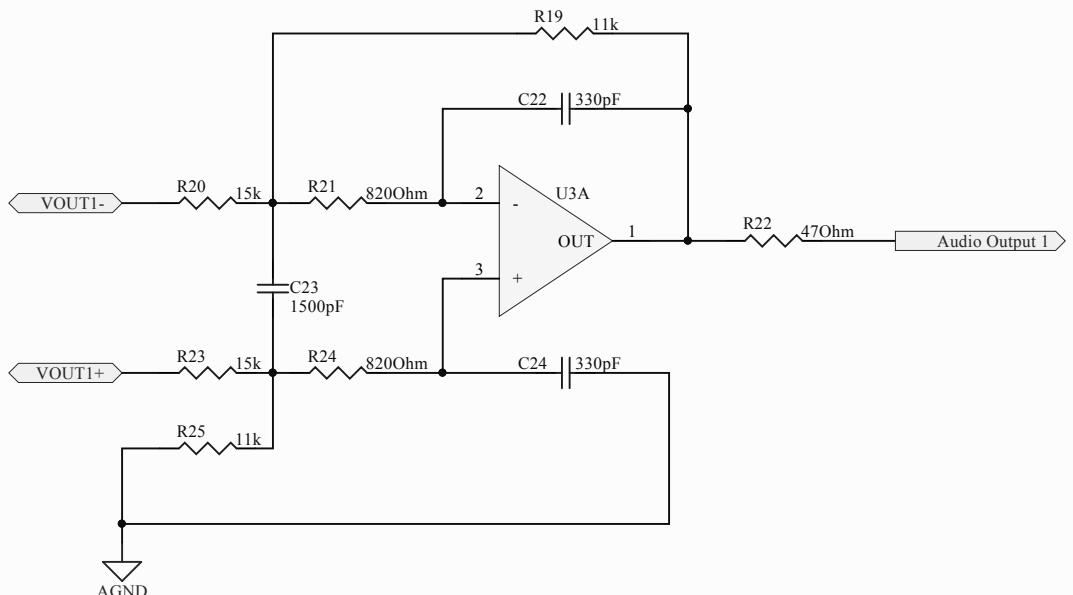


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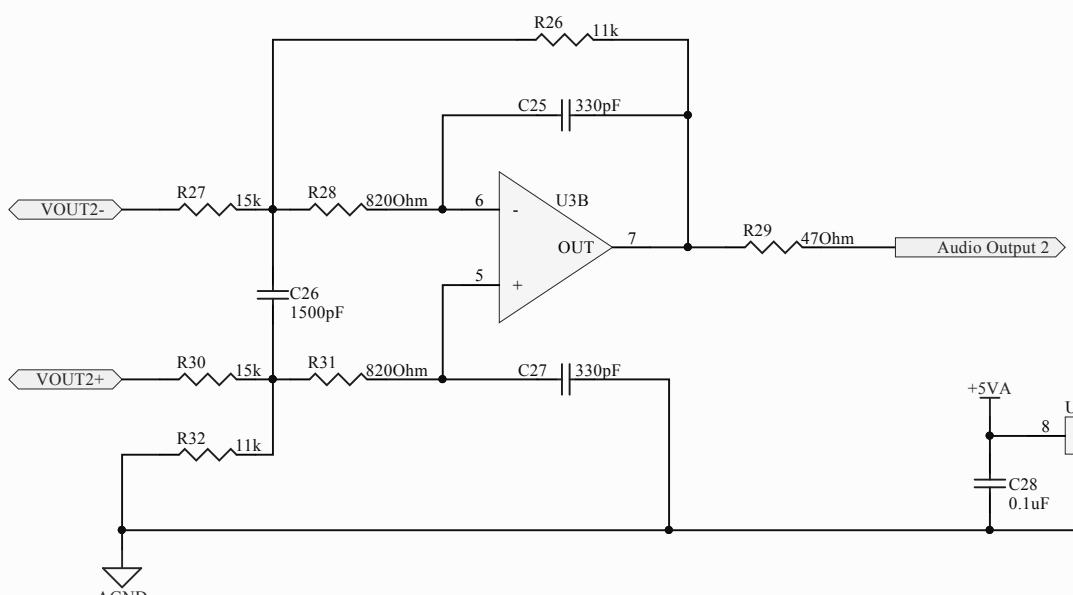
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Date: 3/24/2018	Sheet of
File: C:\Users\...\PC2 Input.SchDoc	Drawn By:

A



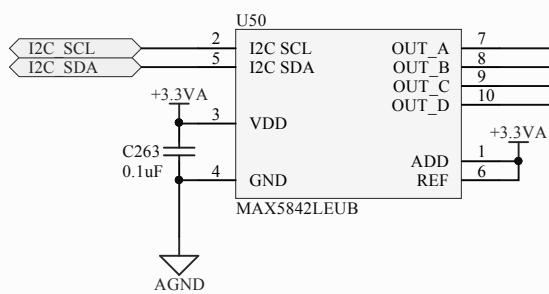
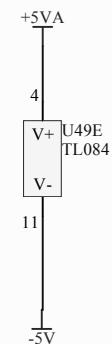
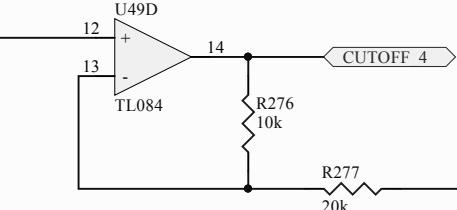
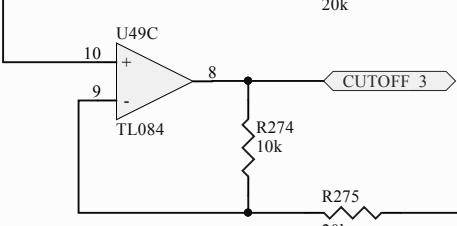
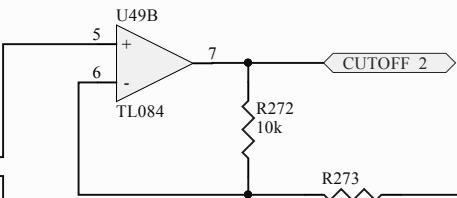
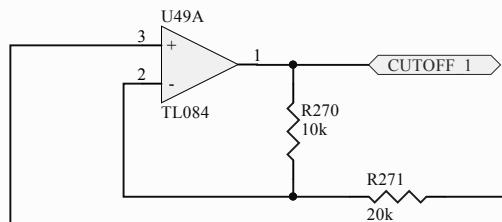
B



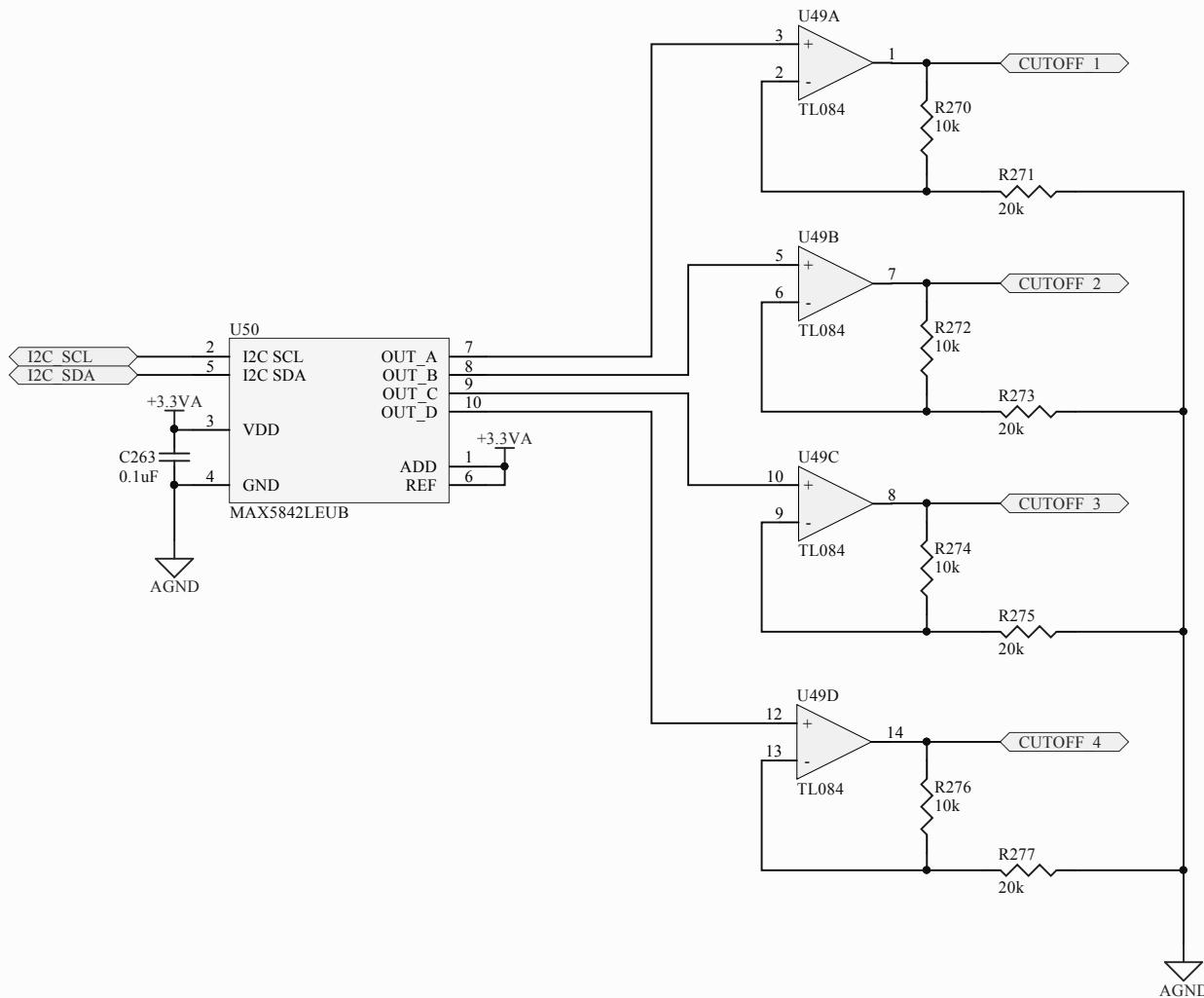
D

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Date: 3/24/2018		Sheet of
File: C:\Users\...\PC3 Output.SchDoc		Drawn By:

A



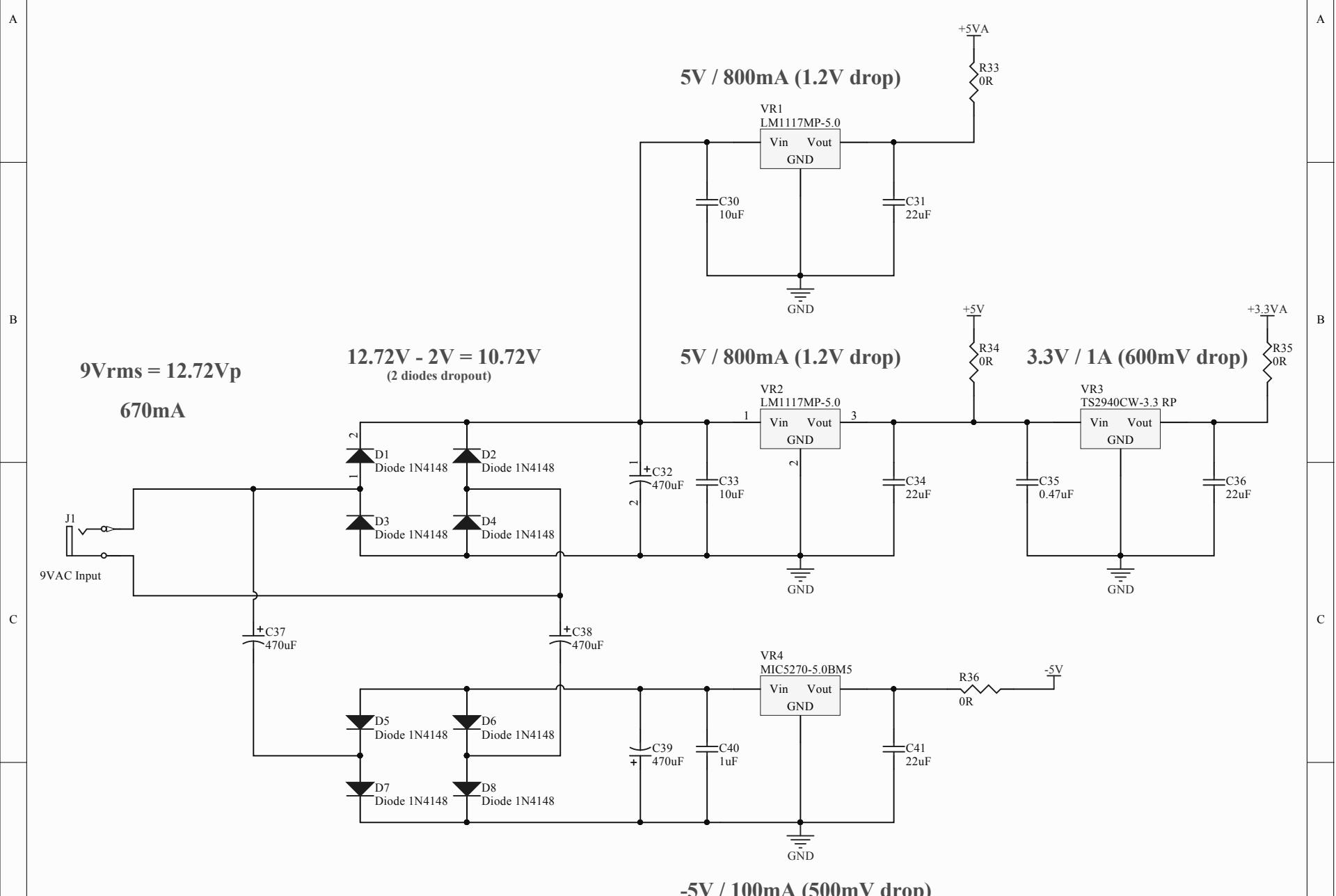
B



C

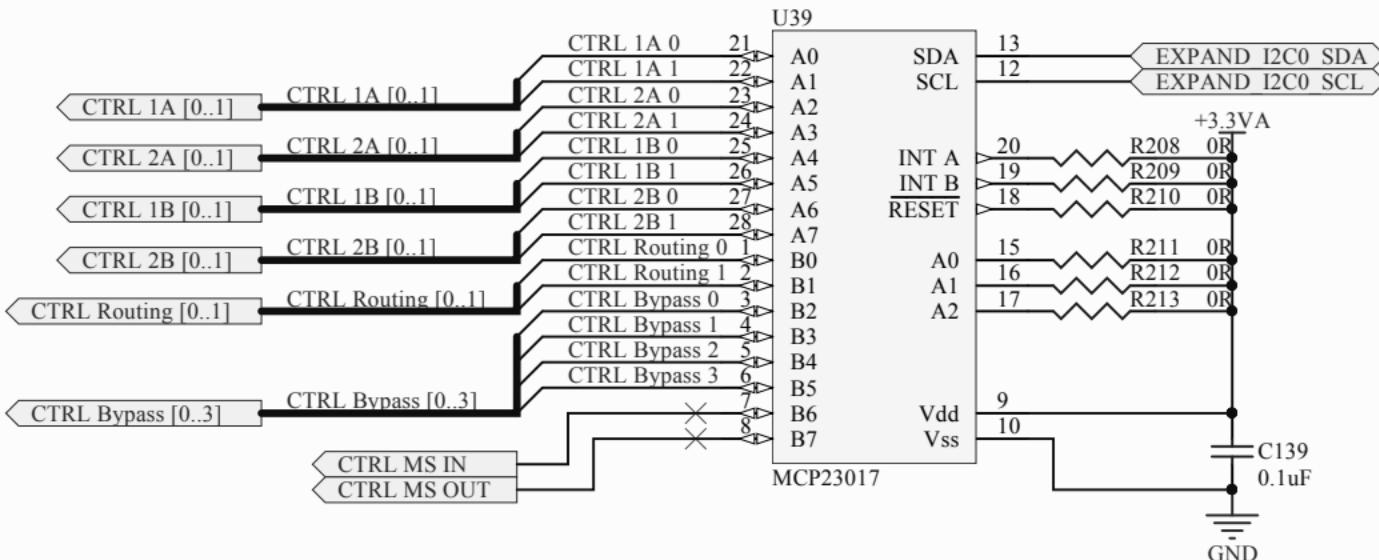
D

Title		
Size A4	Number	Revision
Date: 3/24/2018		Sheet of
File: C:\Users\PC4 DAC Cutoff.SchDoc		Drawn By:



Title		
Size A	Number	Revision
Date: 3/24/2018	Sheet of	
File: C:\Users\...\PF1 Alim.SchDoc	Drawn By:	

# Expander Address 0100111

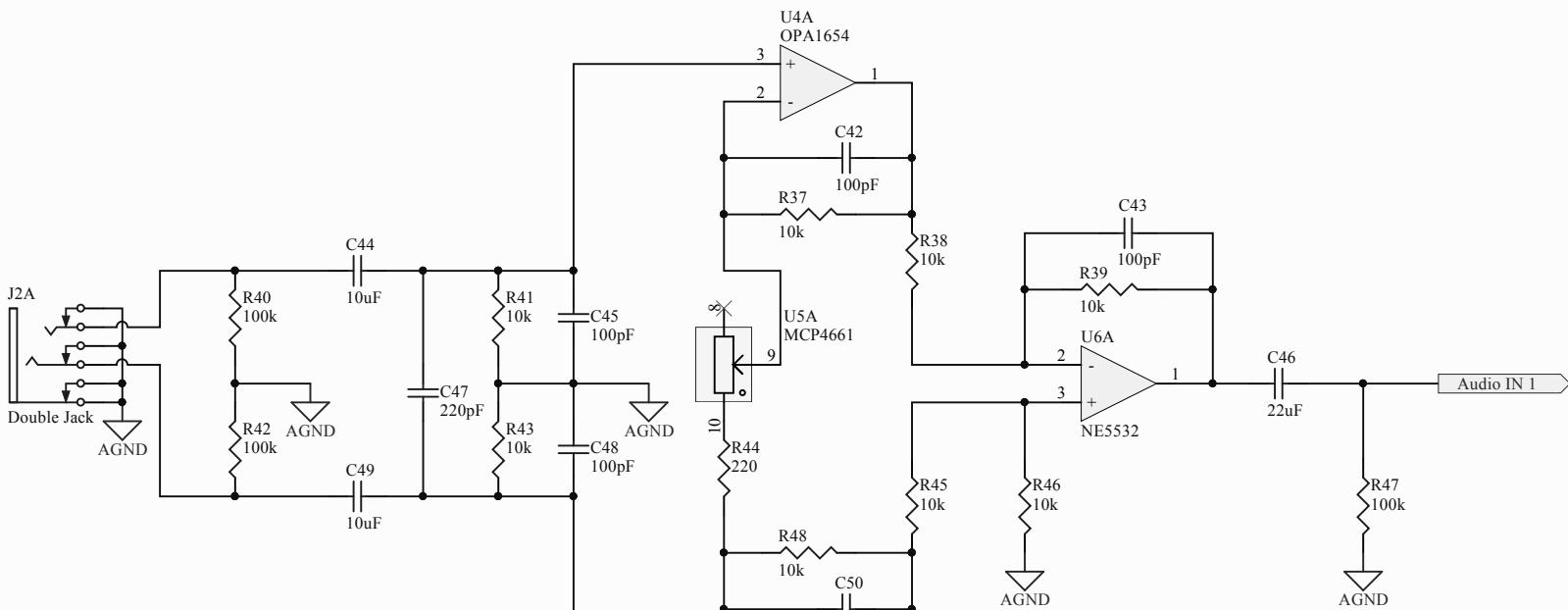


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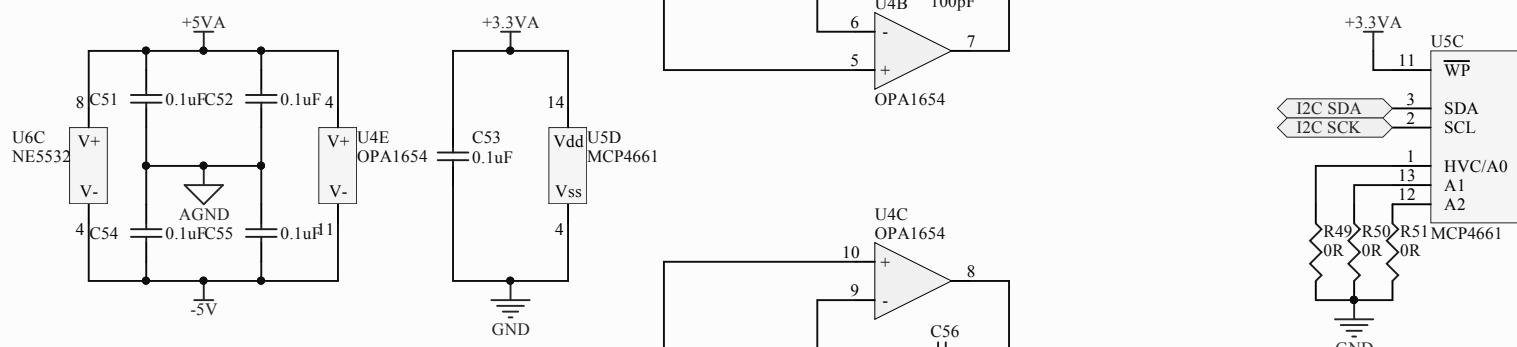
Size	Number	Revision
A		

Date:	3/24/2018	Sheet of
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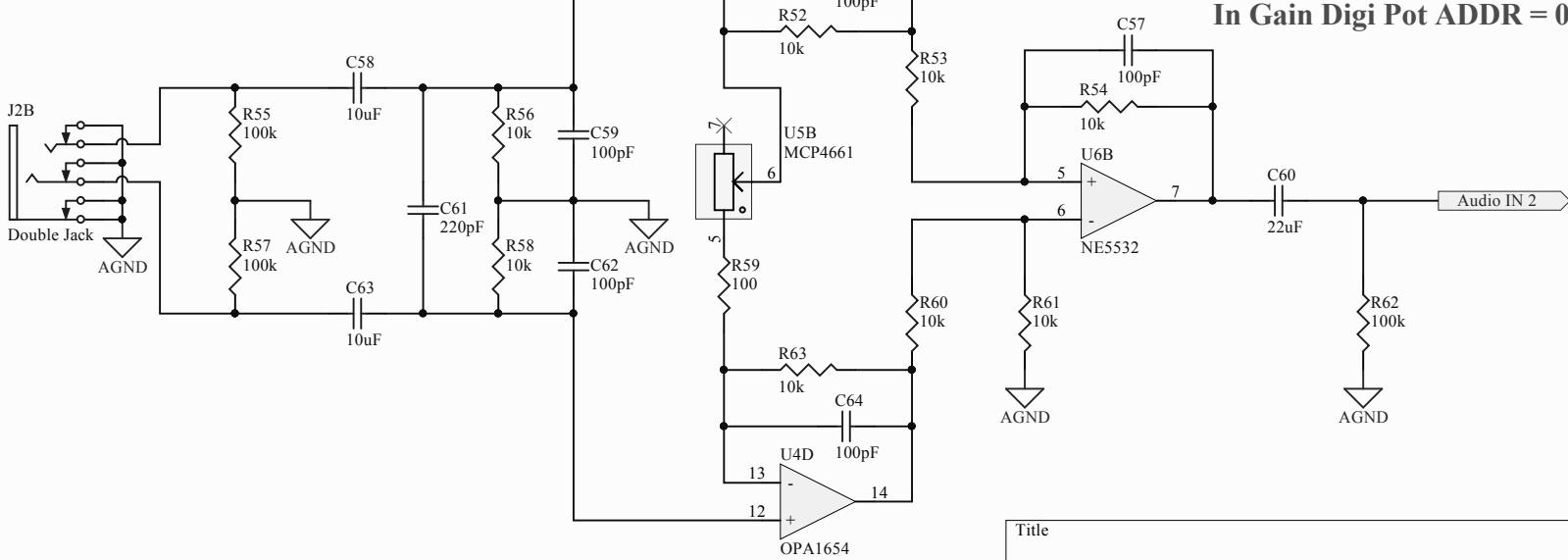
A



B

**In Gain Digi Pot ADDR = 000**

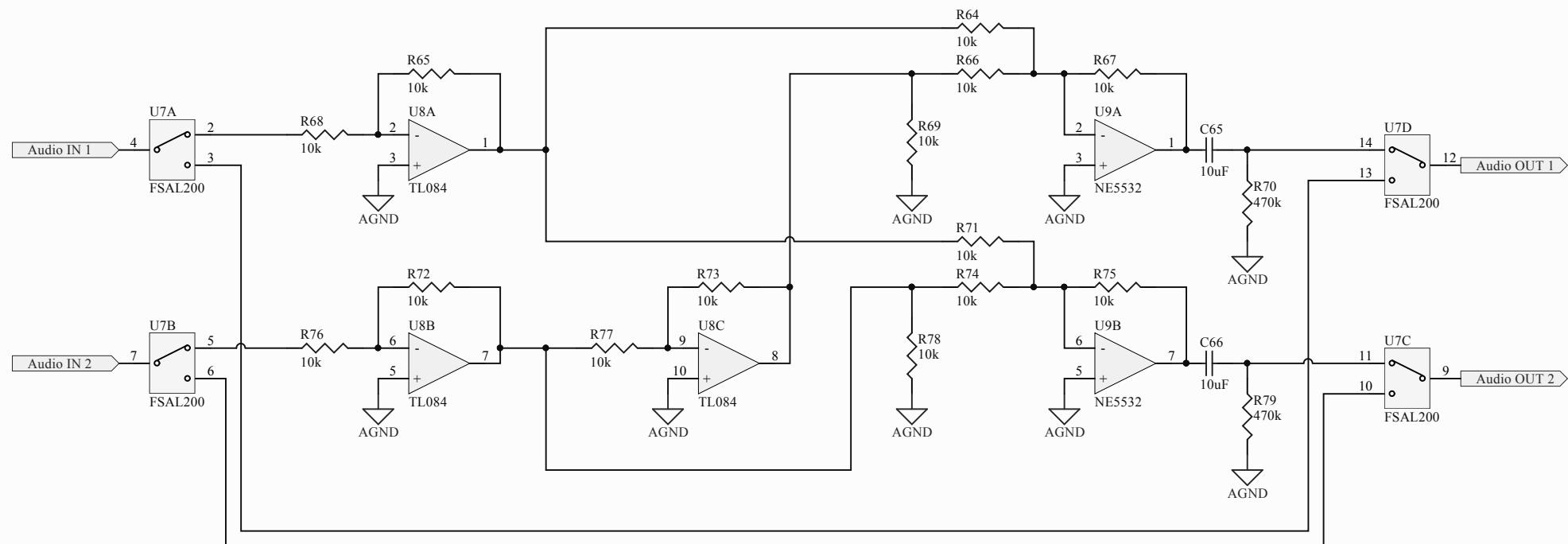
C



D

Title		
Size	Number	Revision
A		
Date:	3/24/2018	Sheet of
File:	C:\Users\...\PF2_AudioInput.SchDoc	Drawn By:

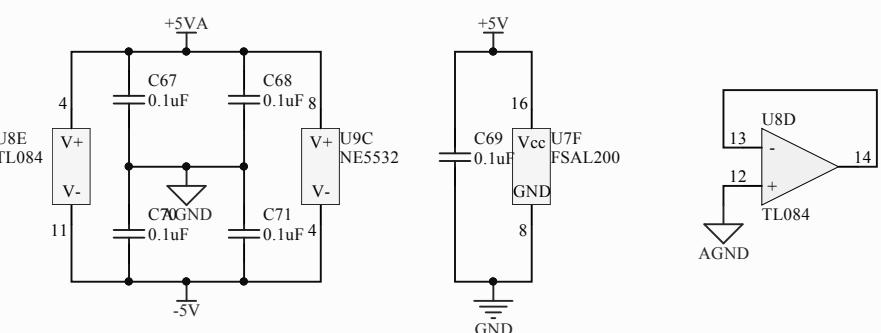
A



B

C

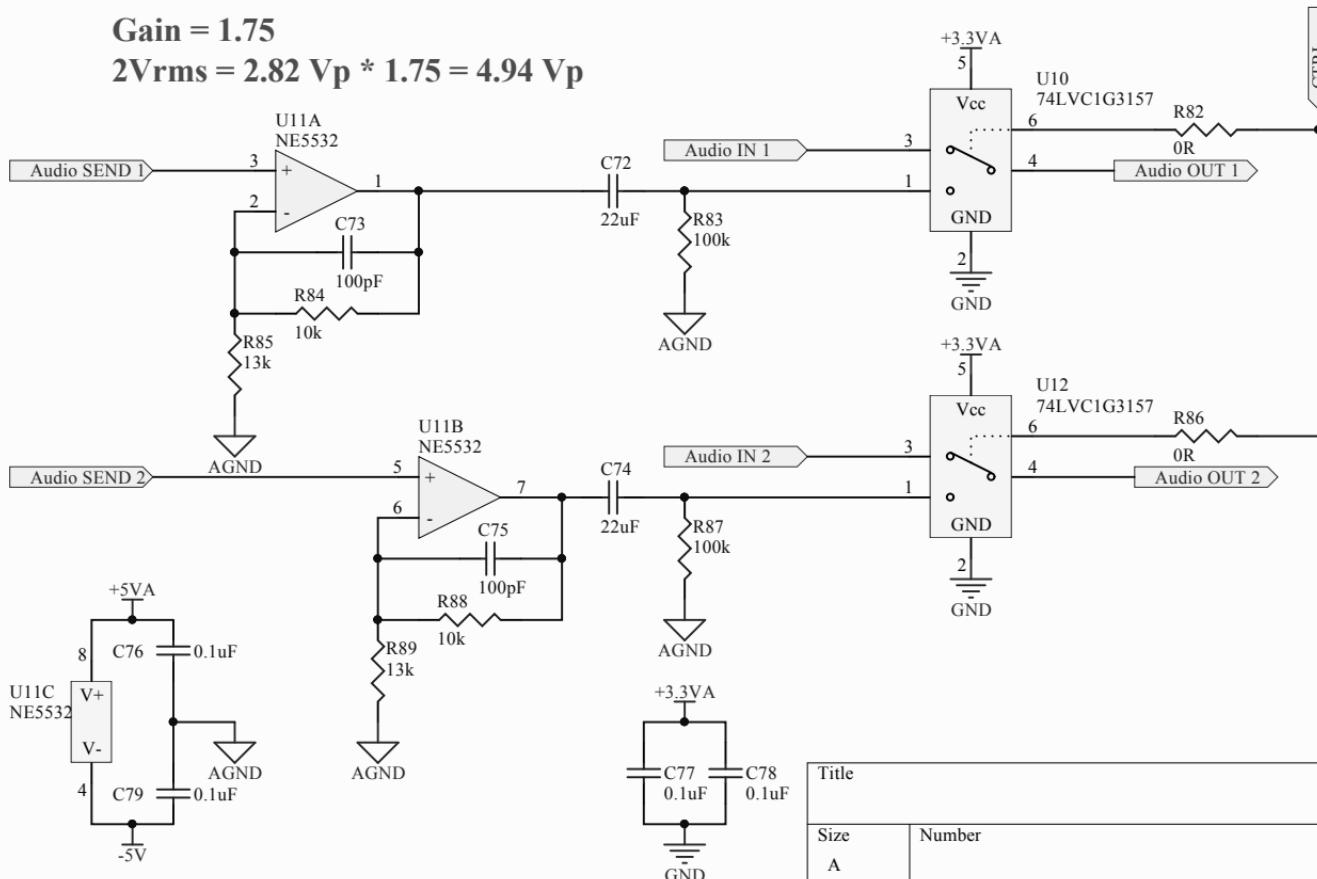
D



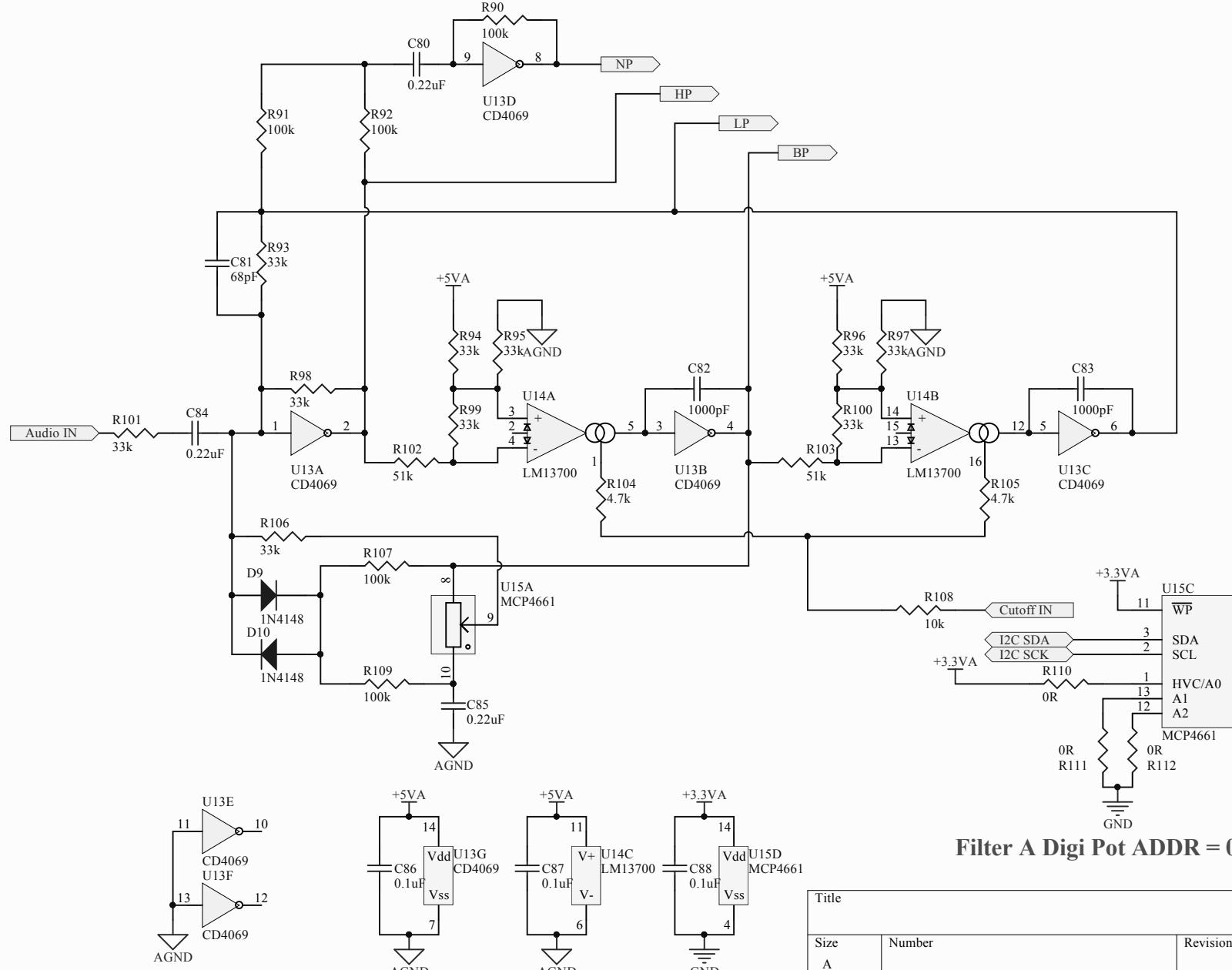
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Size	Number	Revision
A		
Date:	3/24/2018	Sheet of
File:	C:\Users...\PF3_MS.SchDoc	Drawn By:

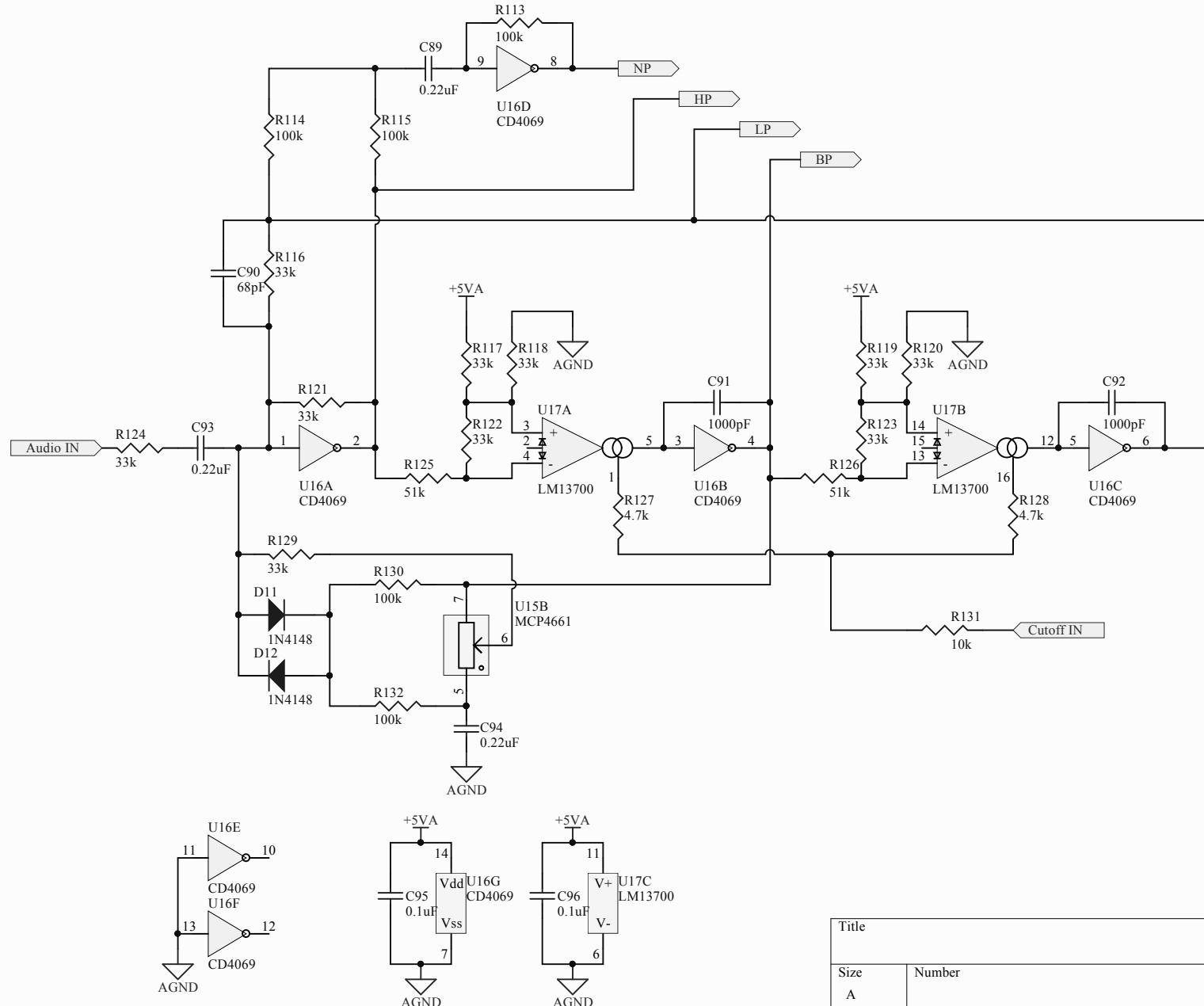
**Gain = 1.75**

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



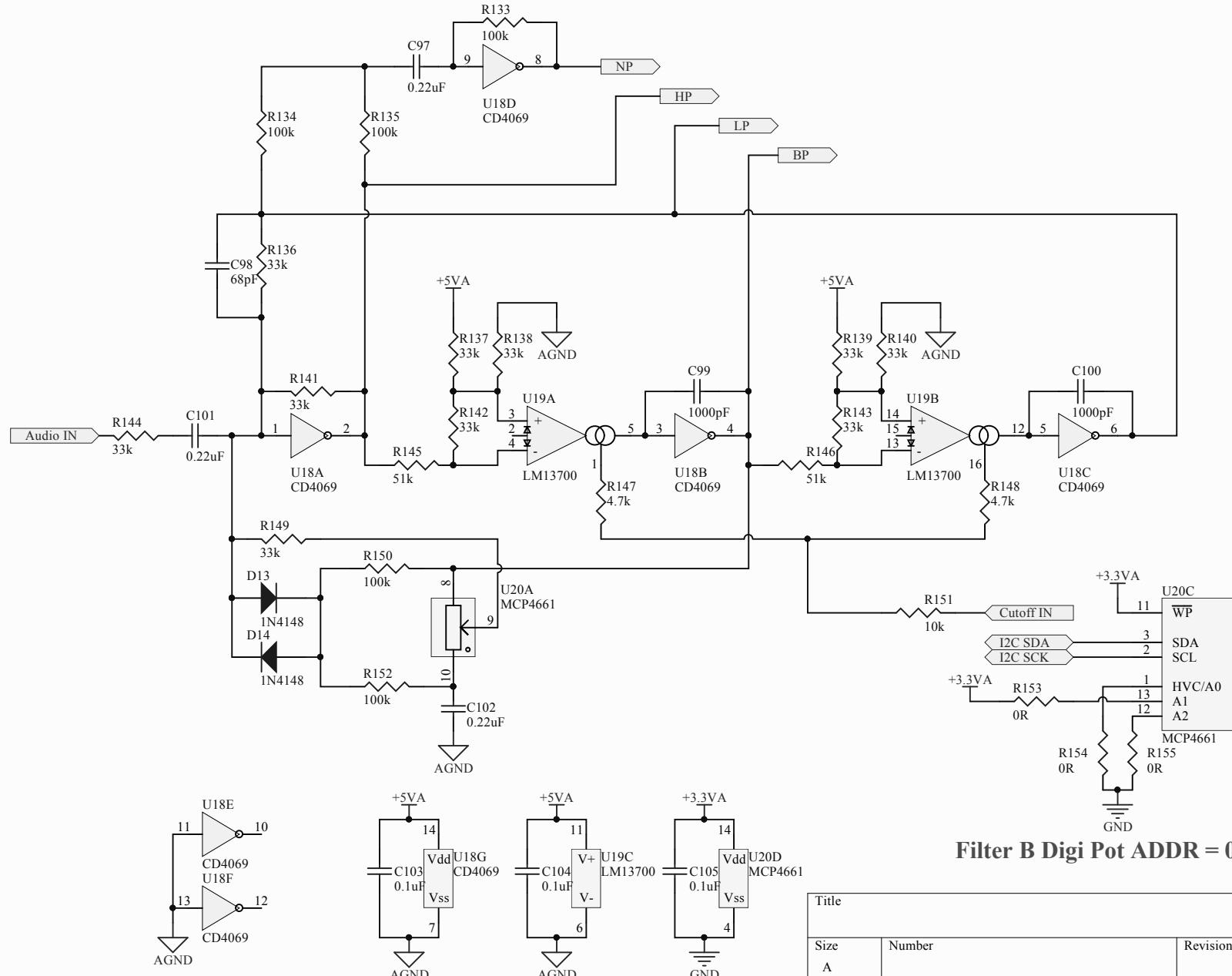
Title		
Size	Number	Revision
A		
Date: 3/24/2018	Sheet of	
File: C:\Users\...\PF4 DSPBypass.SchDoc	Drawn By:	

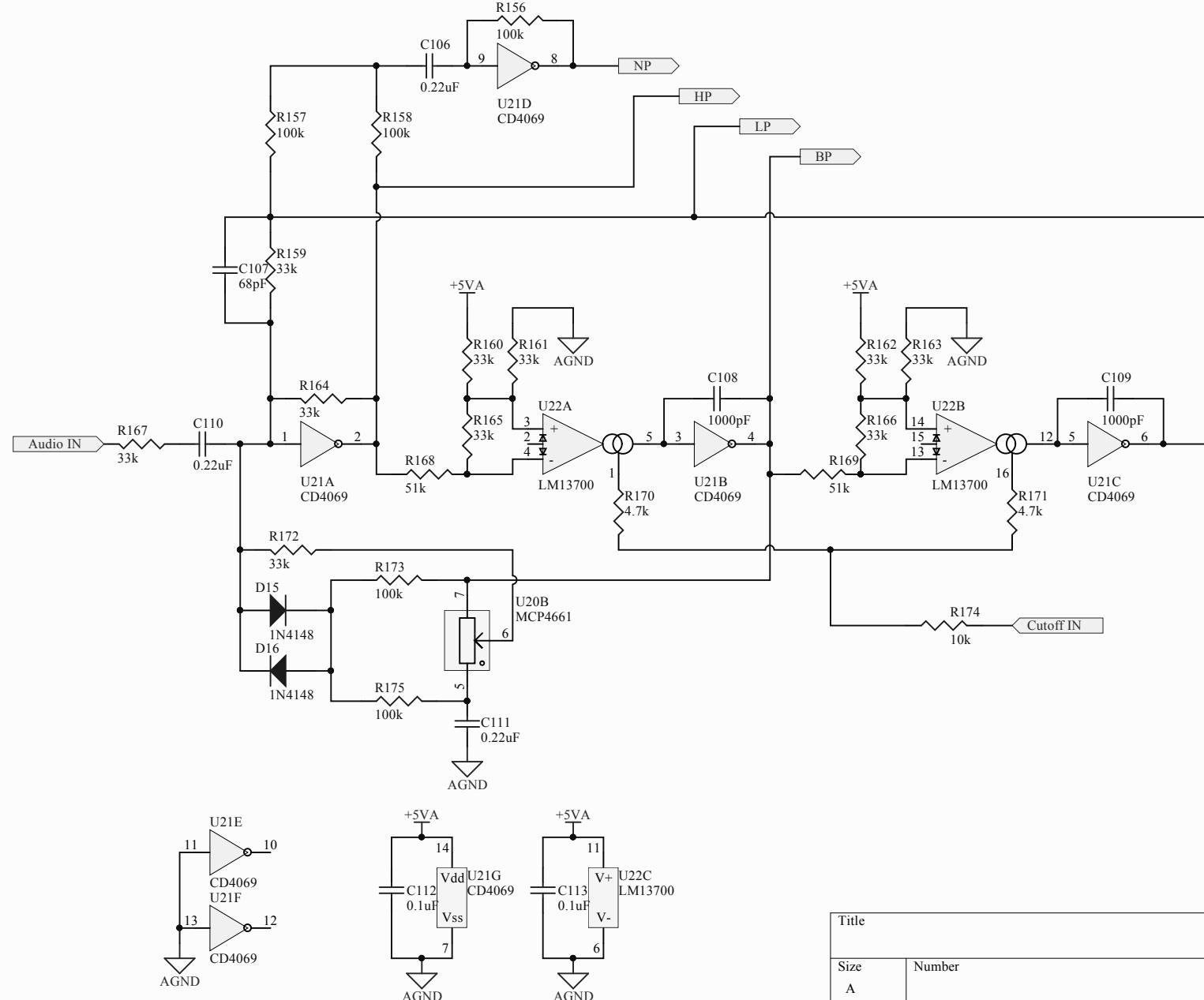




Title

Size	Number	Revision
A		
Date: 3/24/2018	Sheet of	
File: C:\Users\...\PF5b Filter2A.SchDoc		Drawn By:

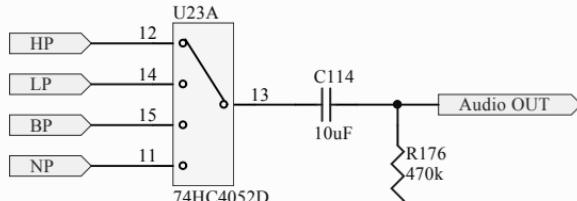




Title

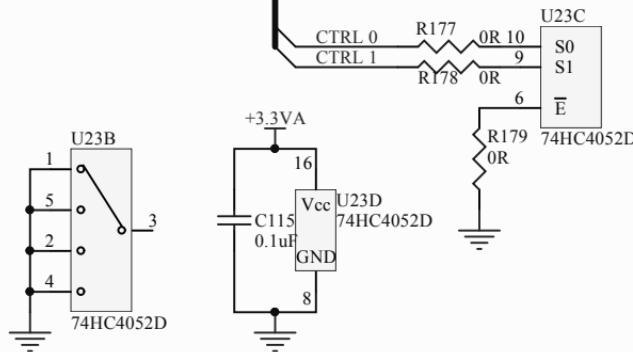
Size	Number	Revision
A		
Date: 3/24/2018	Sheet of	
File: C:\Users\...\PF5d Filter2B.SchDoc		Drawn By:

A



B

CTRL [0..1] → CTRL [0..1]



C

Title

Size Number

A

Revision

Date: 3/24/2018

File: C:\Users\...\PF6\_FilterMode.SchDoc

Sheet of

Drawn By:

A

B

C

D

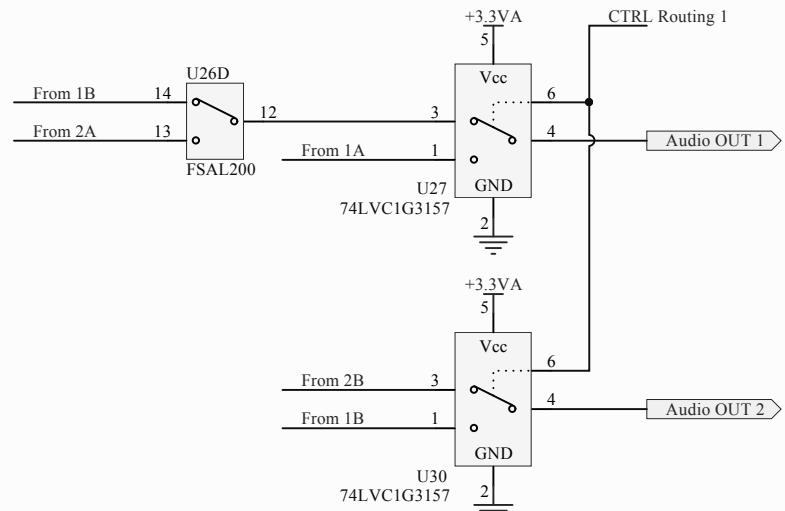
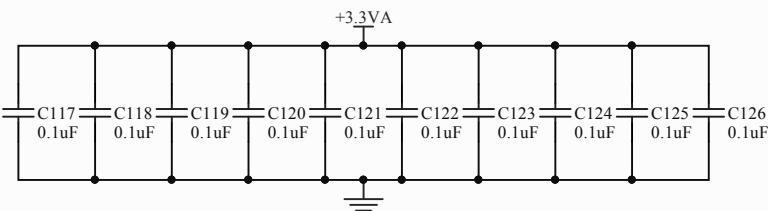
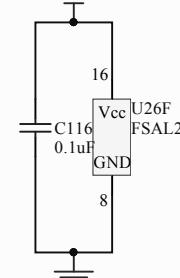
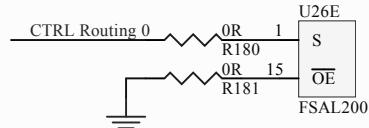
	1A	2A	1B	2B	Out1	Out2
Stereo	In1	In2	1A	2A	1B	2B
Dual Mono	//	1A	In2	1B	2A	//
Single Mono	//	//	//	//	1A	1B

Audio IN 2 → From Audio IN 2

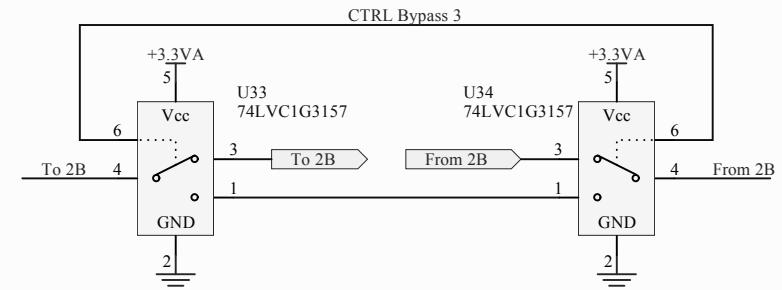
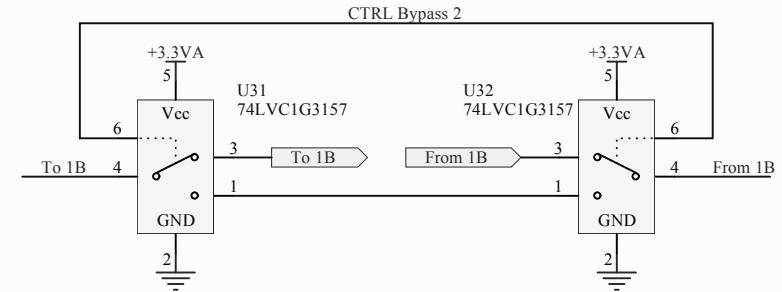
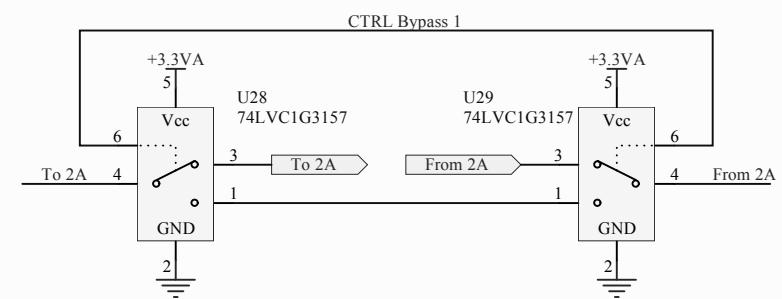
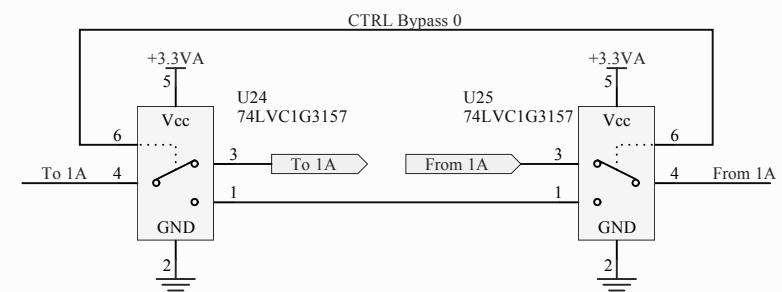
Audio IN 1 → To 1A

From Audio IN 2 2 → U26A  
From 1A → 3 → To 2AFrom 1A → 5 → U26B  
From Audio IN 2 6 → 7 → To 1BFrom 2A → 11 → U26C  
From 1B → 10 → 9 → To 2B

CTRL Routing [0..1] → CTRL Routing [0..1]

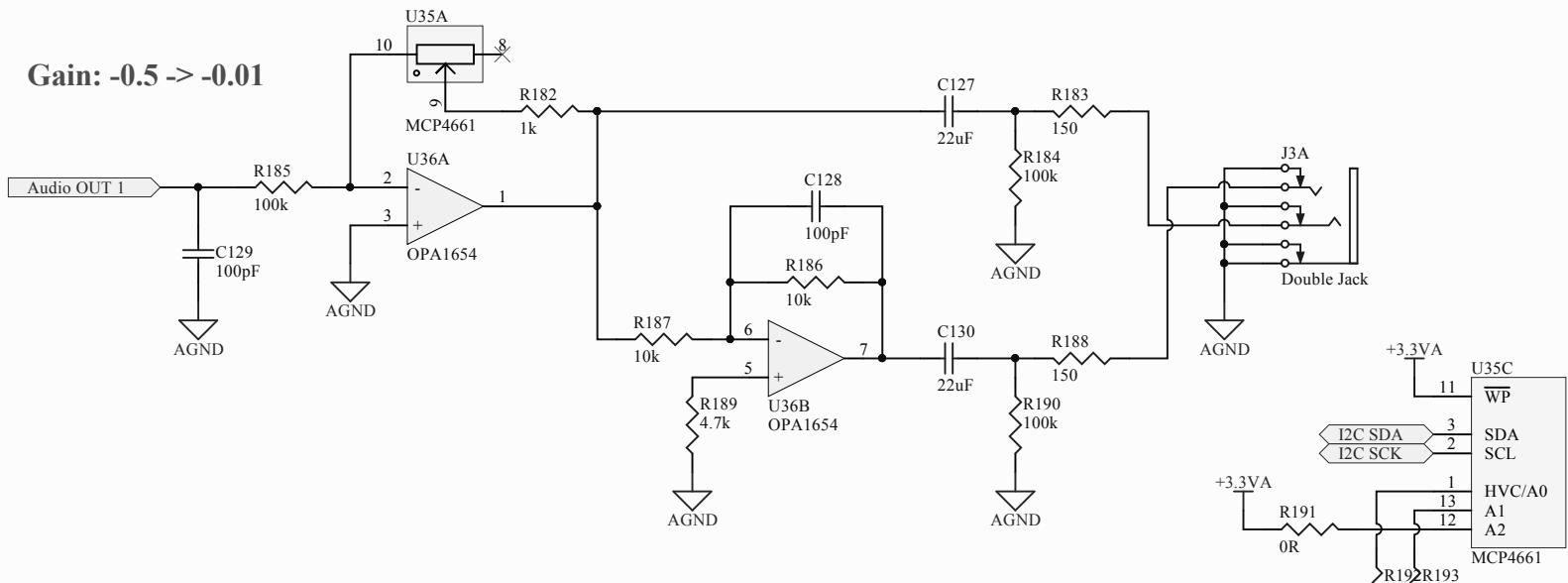
**FILTER ROUTING****FILTER BYPASS**

CTRL Bypass [0..3] → CTRL Bypass [0..3]

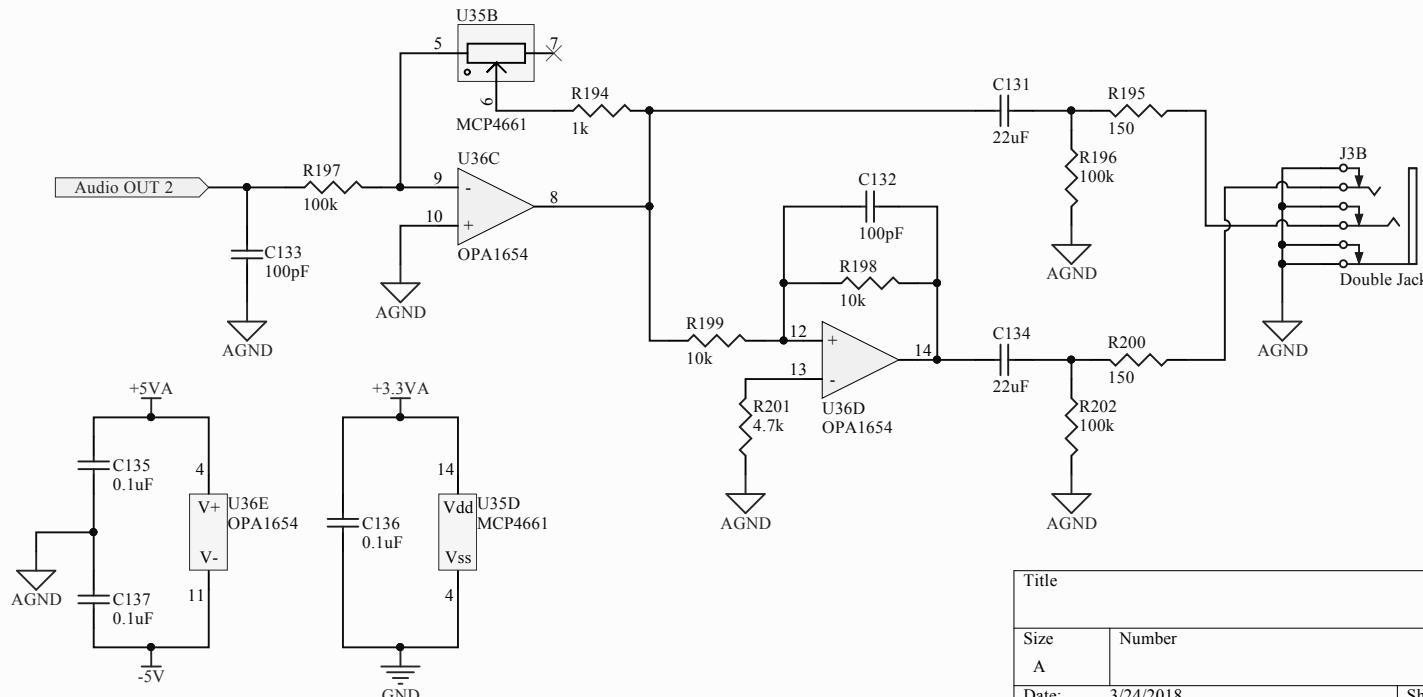


Title		
Size	Number	Revision
A		
Date:	3/24/2018	Sheet of
File:	C:\Users\...\PF7 FilterRoutingBypass.SchDoc	Drawn By:

**Gain: -0.5 > -0.01**



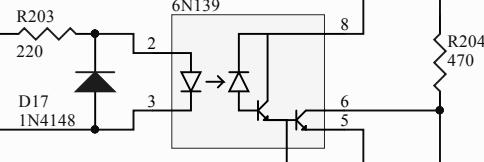
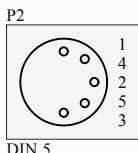
**Output Digi Pot ADDR = 100**



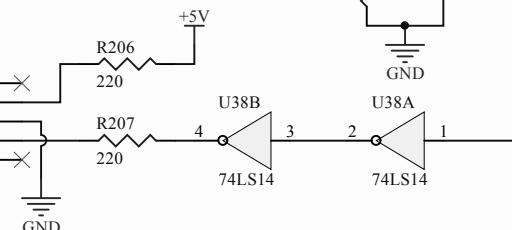
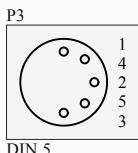
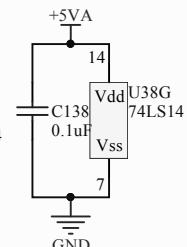
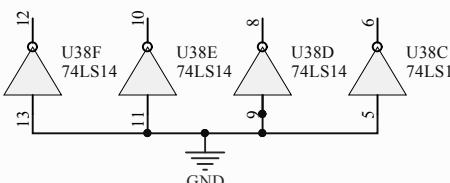
Title

Size	Number	Revision
A		
Date: 3/24/2018	Sheet of	
File: C:\Users\...\PF8_AudioOutput.SchDoc		Drawn By:

A

**MIDI IN**

B

**MIDI THRU**

Title

Size A	Number	Revision
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Date: 3/24/2018

Sheet of

File: C:\Users\...\PF9\_MIDI.SchDoc

Drawn By:

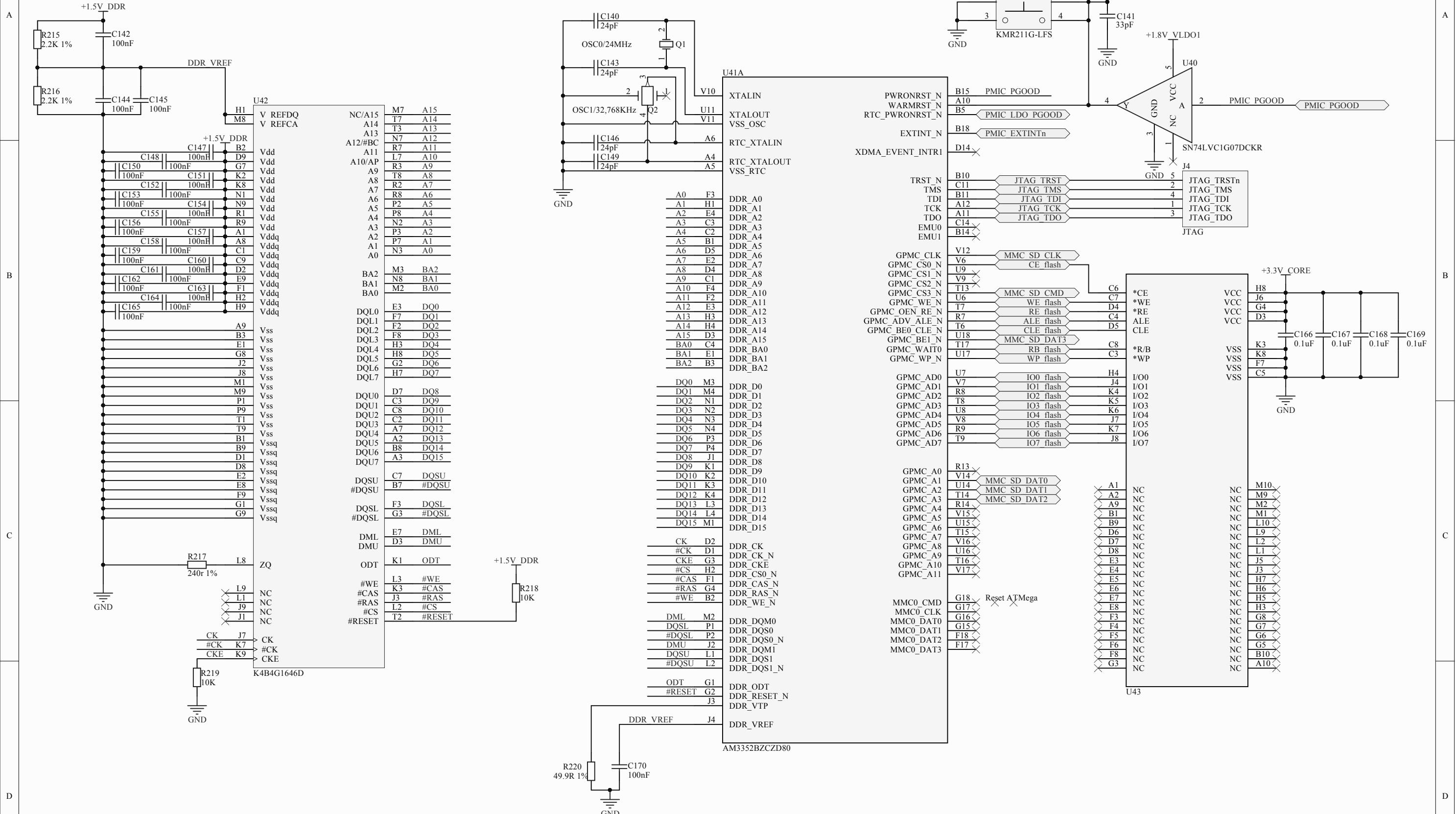
D

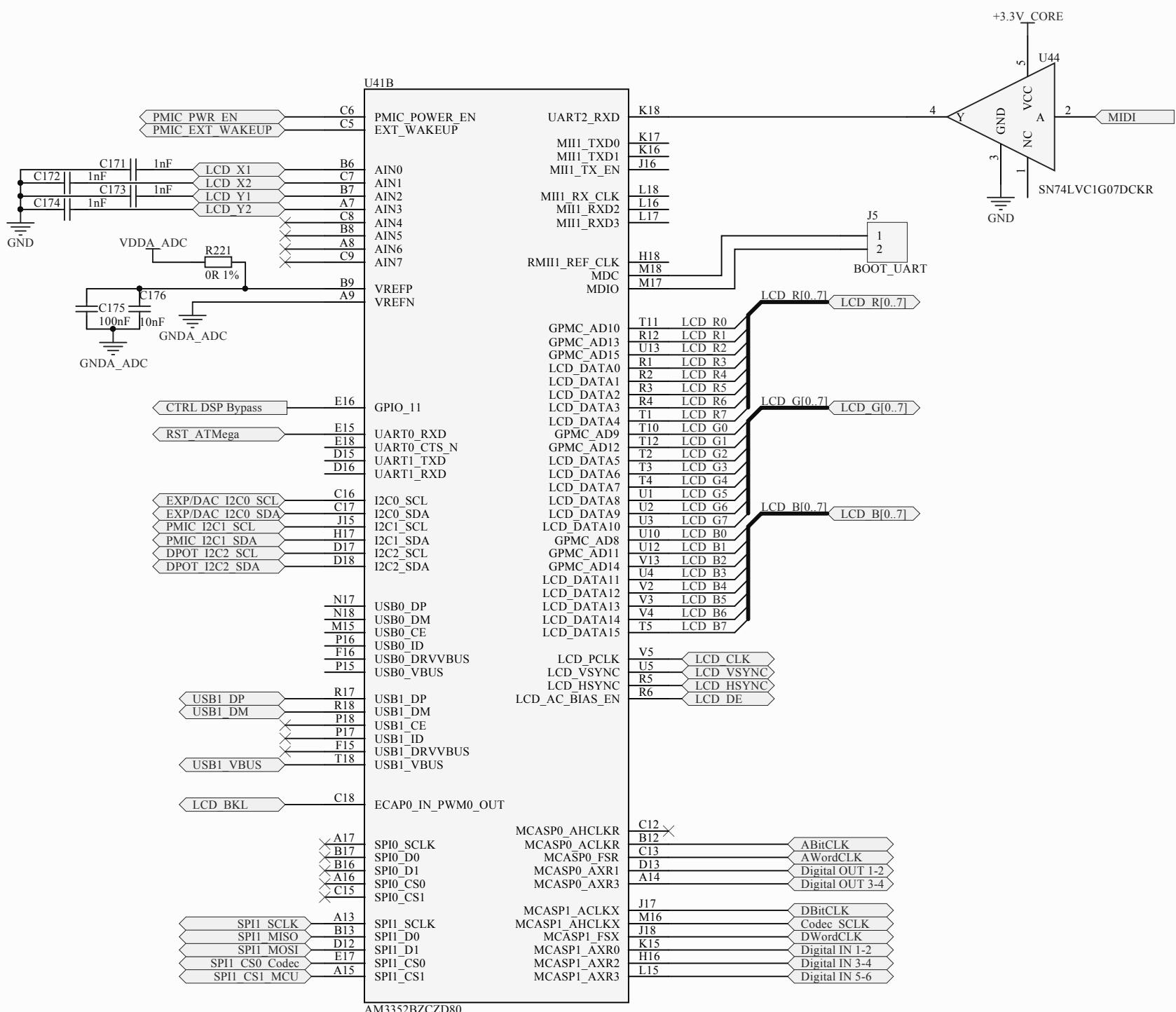
A

B

C

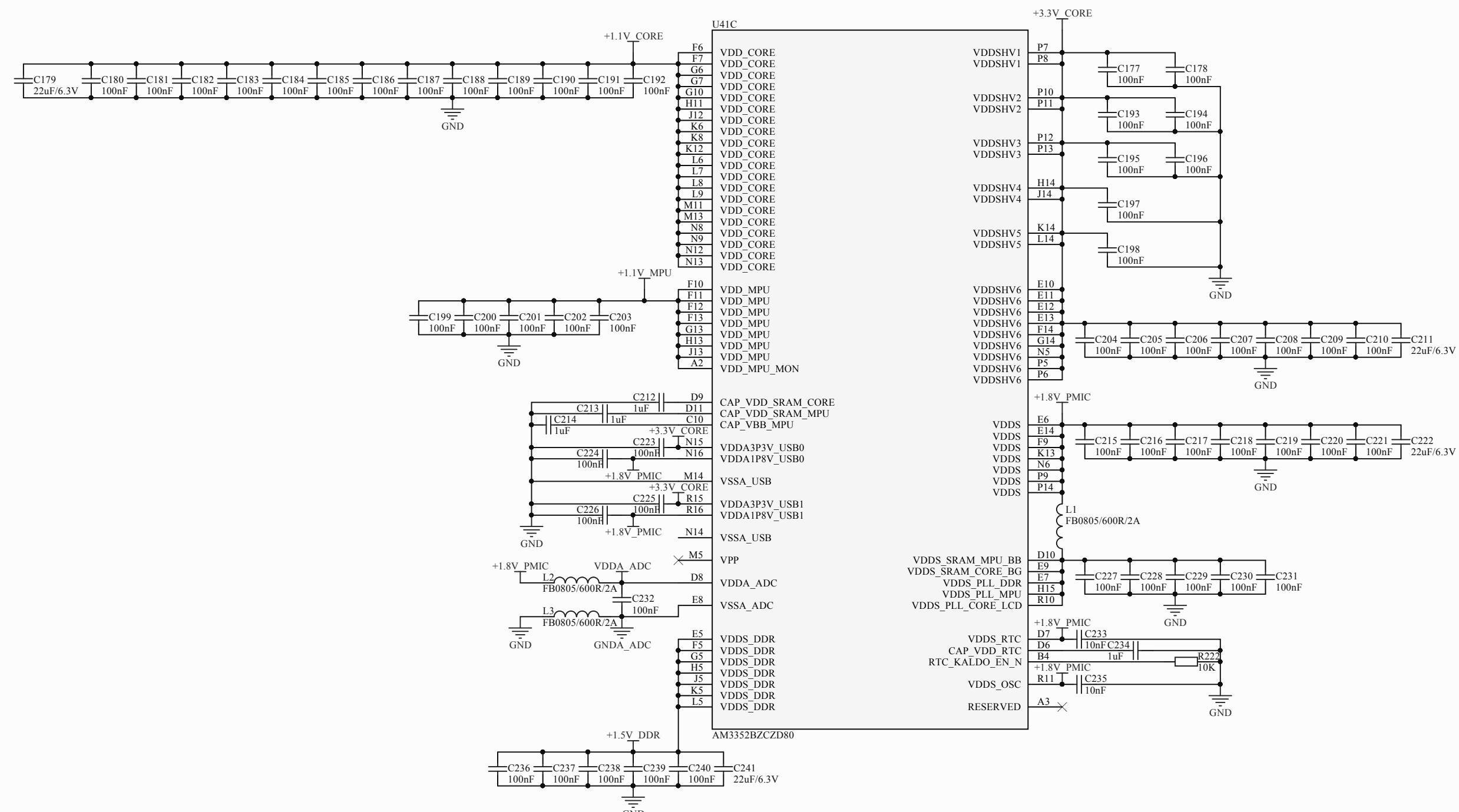
D





Title

Size	Number	Revision
A3		
Date:	3/24/2018	Sheet of
File:	C:\Users\PP2.ptB.SchDoc	Drawn By:



Title		
Size A3	Number	Revision
Date: E:\loc...\\PP2_etc\Alim_SchDoc	3/24/2018	Sheet of Drawn By:

A

A

B

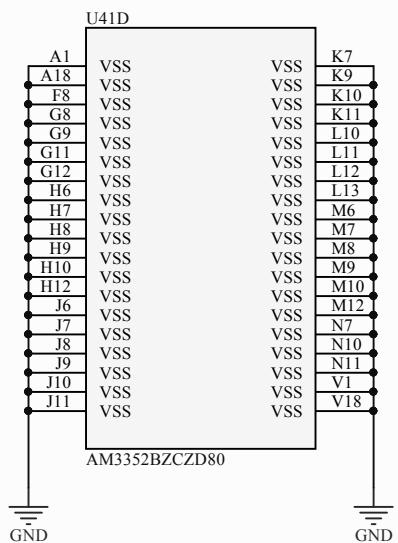
B

C

C

D

D

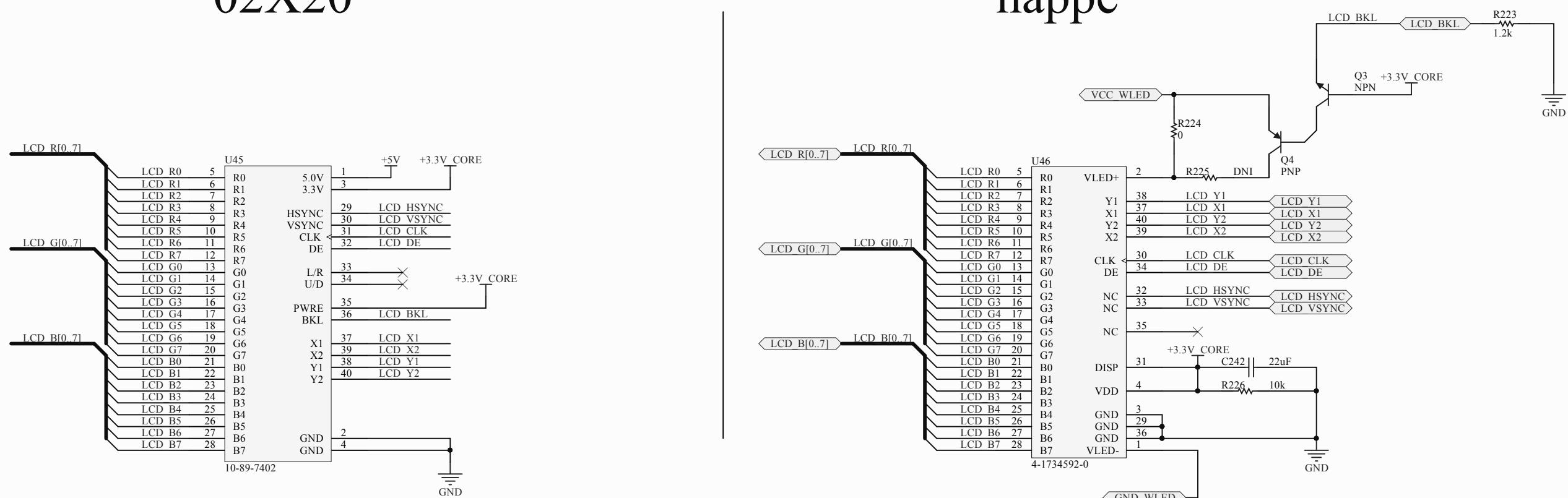


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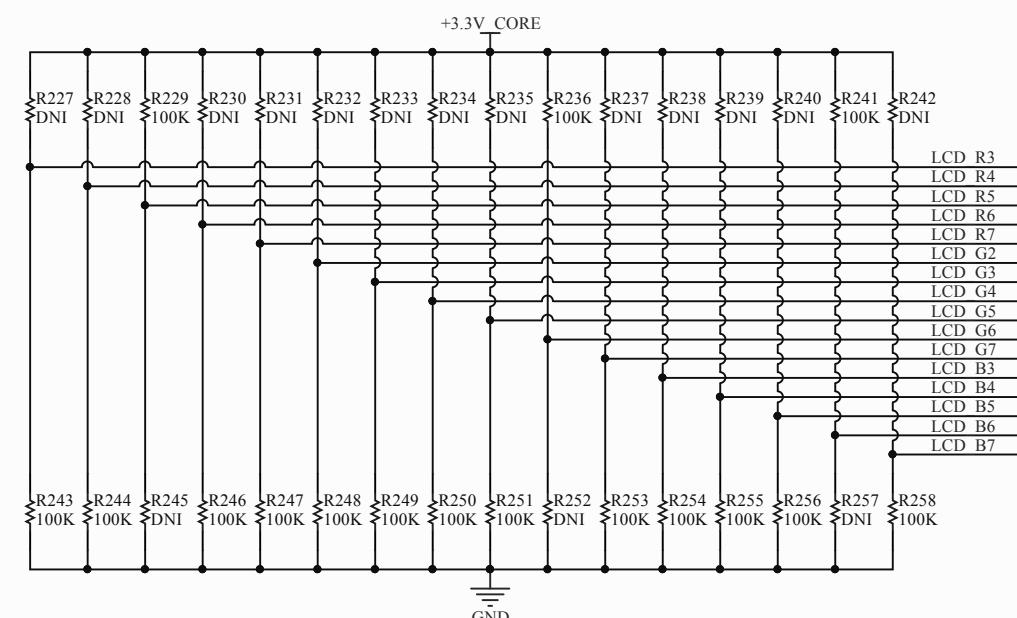
Size	Number	Revision
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Date:	3/24/2018	Sheet of
File:	C:\Users\...\PP4.pD	Drawn By:

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0010 0000 0100 0010

Title		
Size	Number	Revision
A3		
Date: 3/24/2018	Sheet of	
File: C:\Users\.\PP6_LCD.SchDoc		Drawn By:

1

2

3

4

5

6

A

A

B

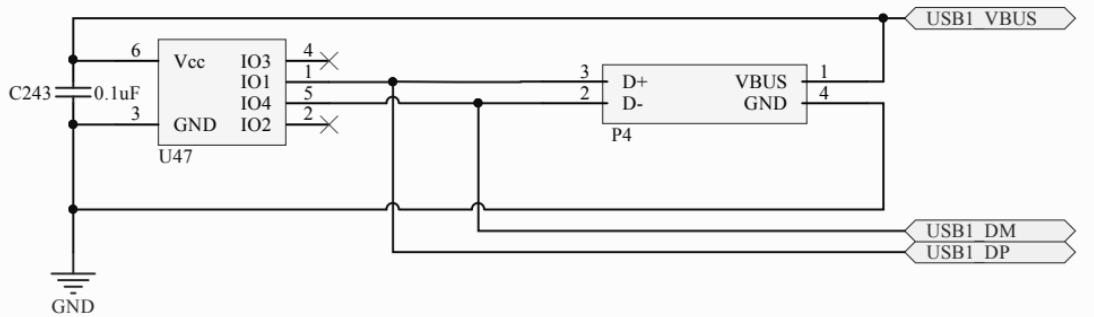
B

C

C

D

D



1

2

3

4

5

6

A

A

B

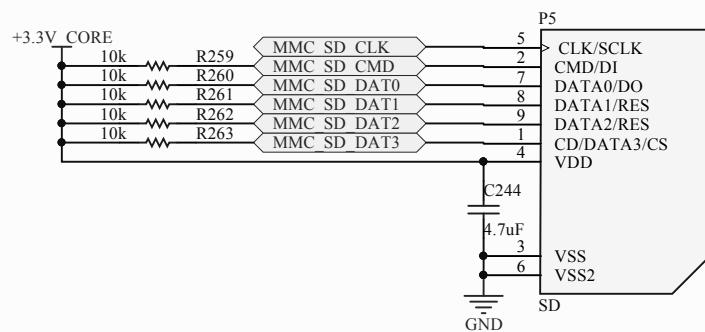
B

C

C

D

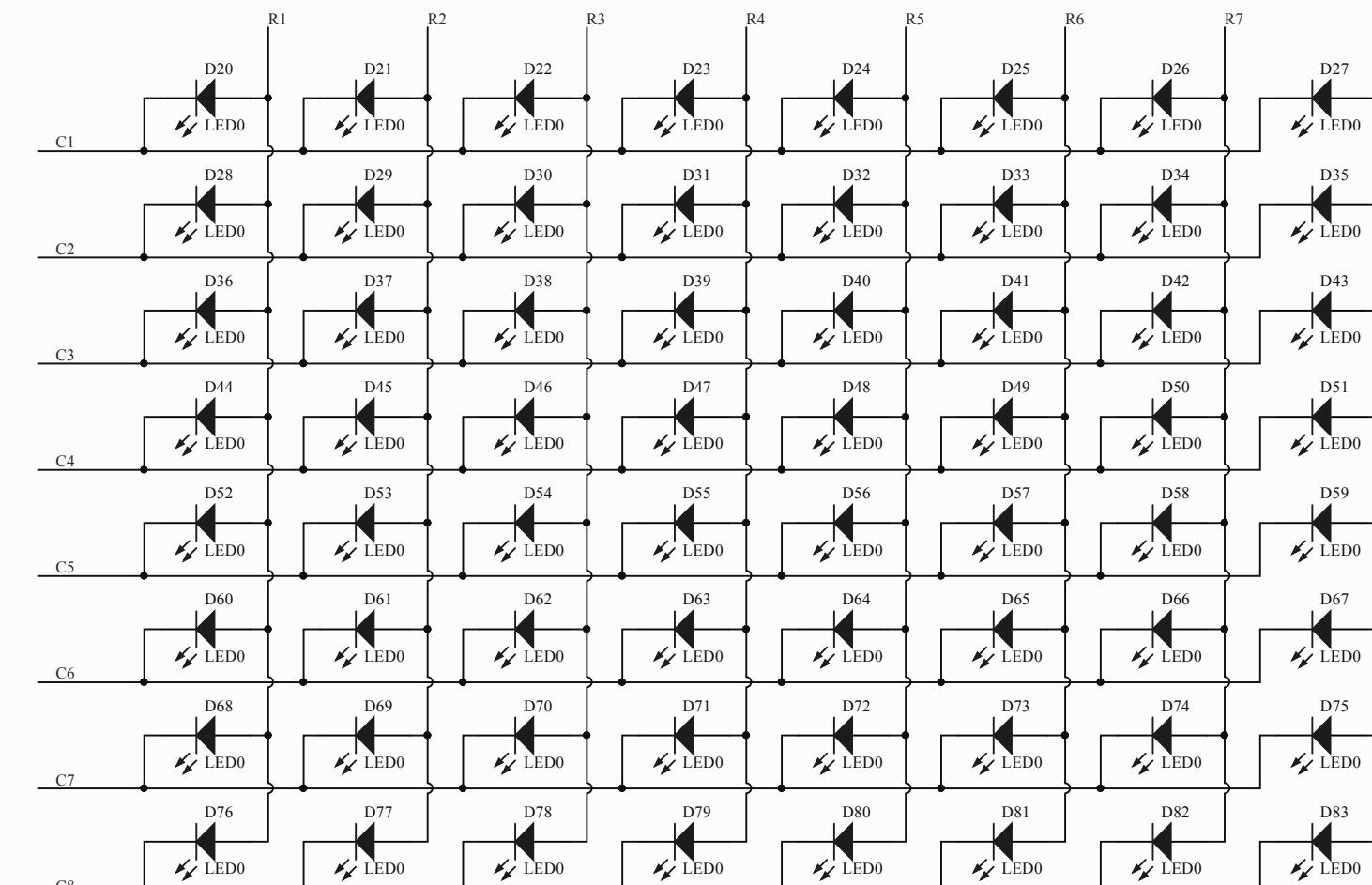
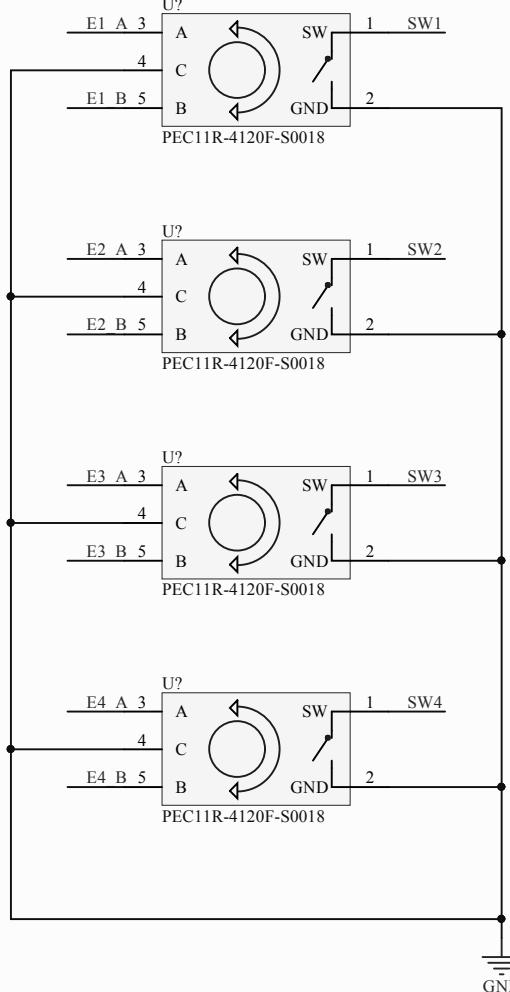
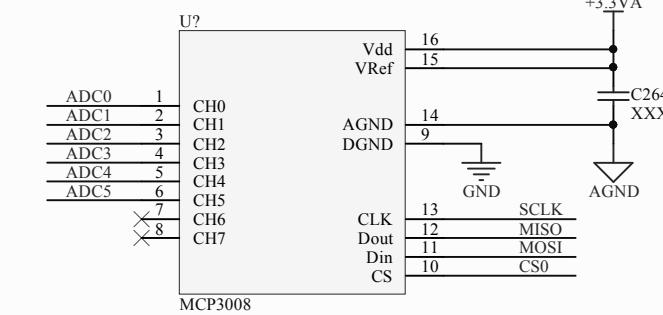
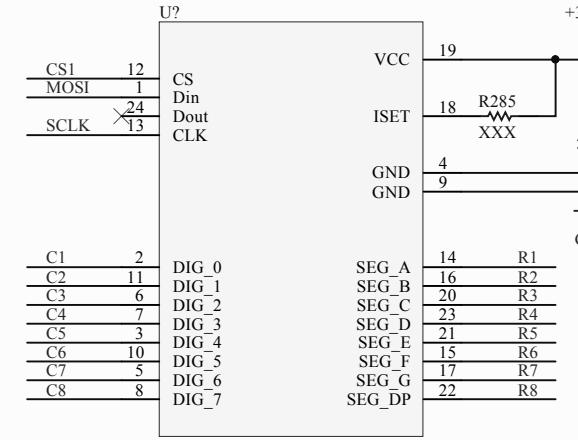
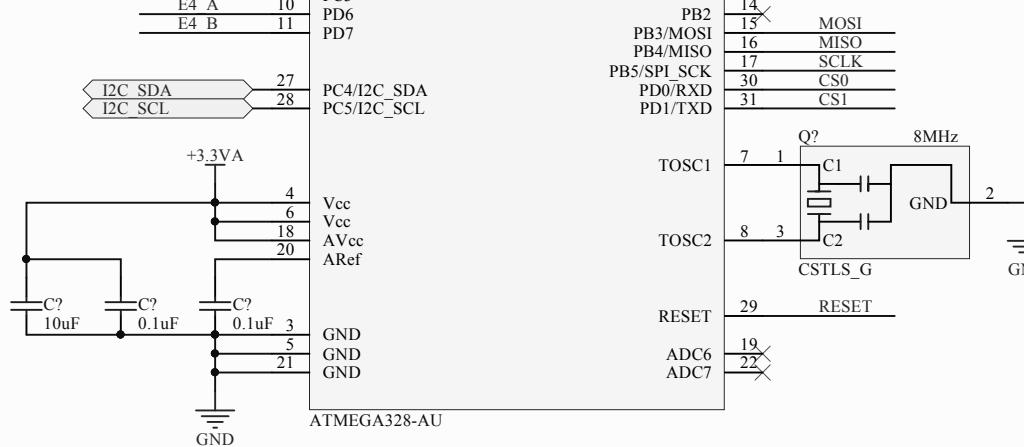
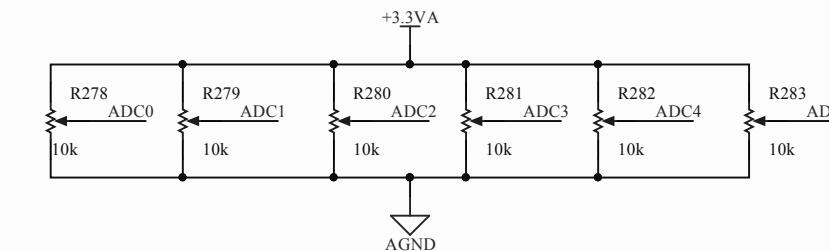
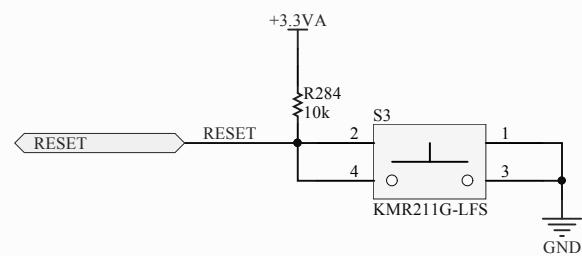
D



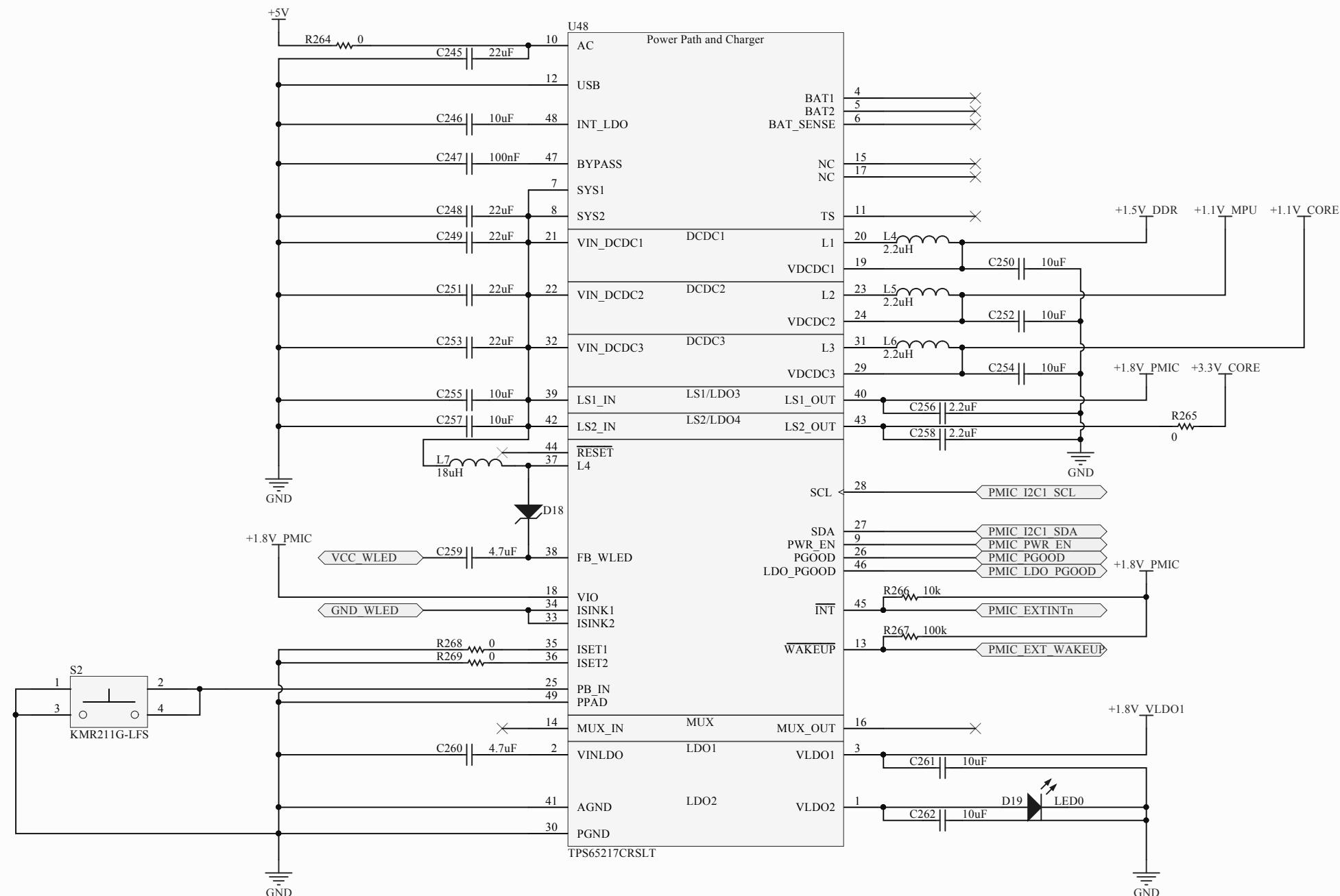
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Size	Number	Revision
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Date:	3/24/2018	Sheet of
File:	C:\Users\...\PP8 MMC.SchDoc	Drawn By:

A



Title		
Size	Number	Revision
A3		
Date:	3/24/2018	Sheet of
File:	C:\Users\.\PS Controle_ADC-LED.Sch	Drawn By:



Title		
Size	Number	Revision
A3		
Date:	3/24/2018	Sheet of
File:	C:\Users\...\RX_PMIC_SchD.dwg	Drawn By: