

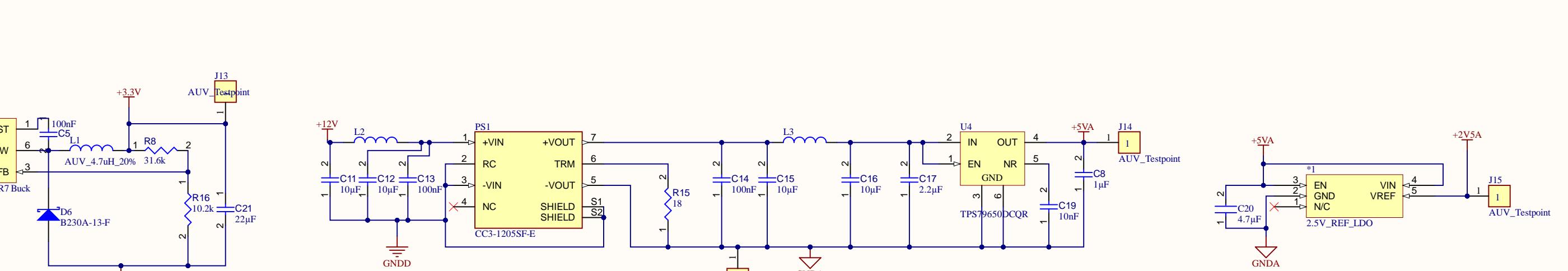


CUAUV Hydrophones Board

Wali Afridi 2024-25

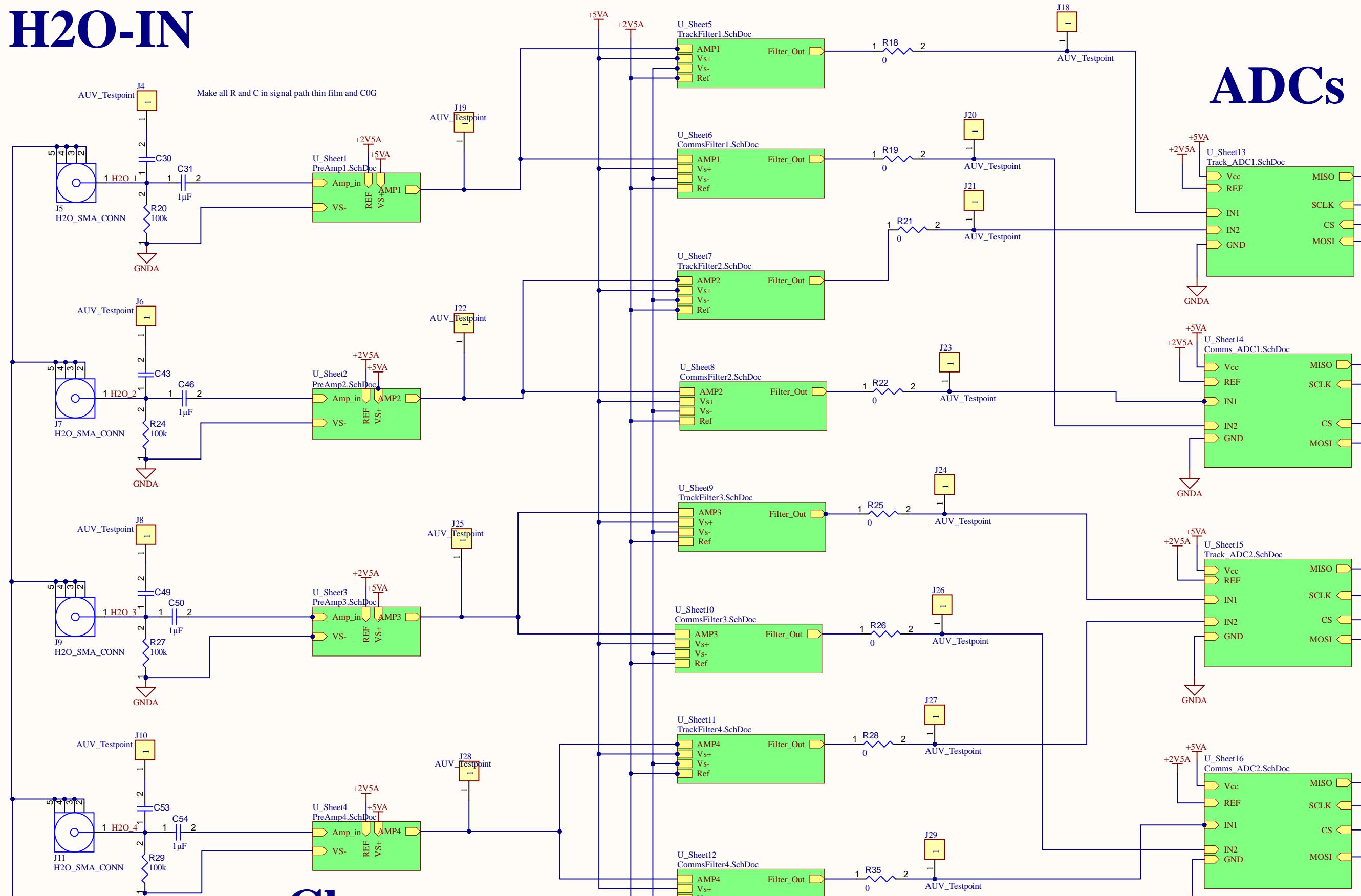
I/O - SD, RS232

POWER RAILS

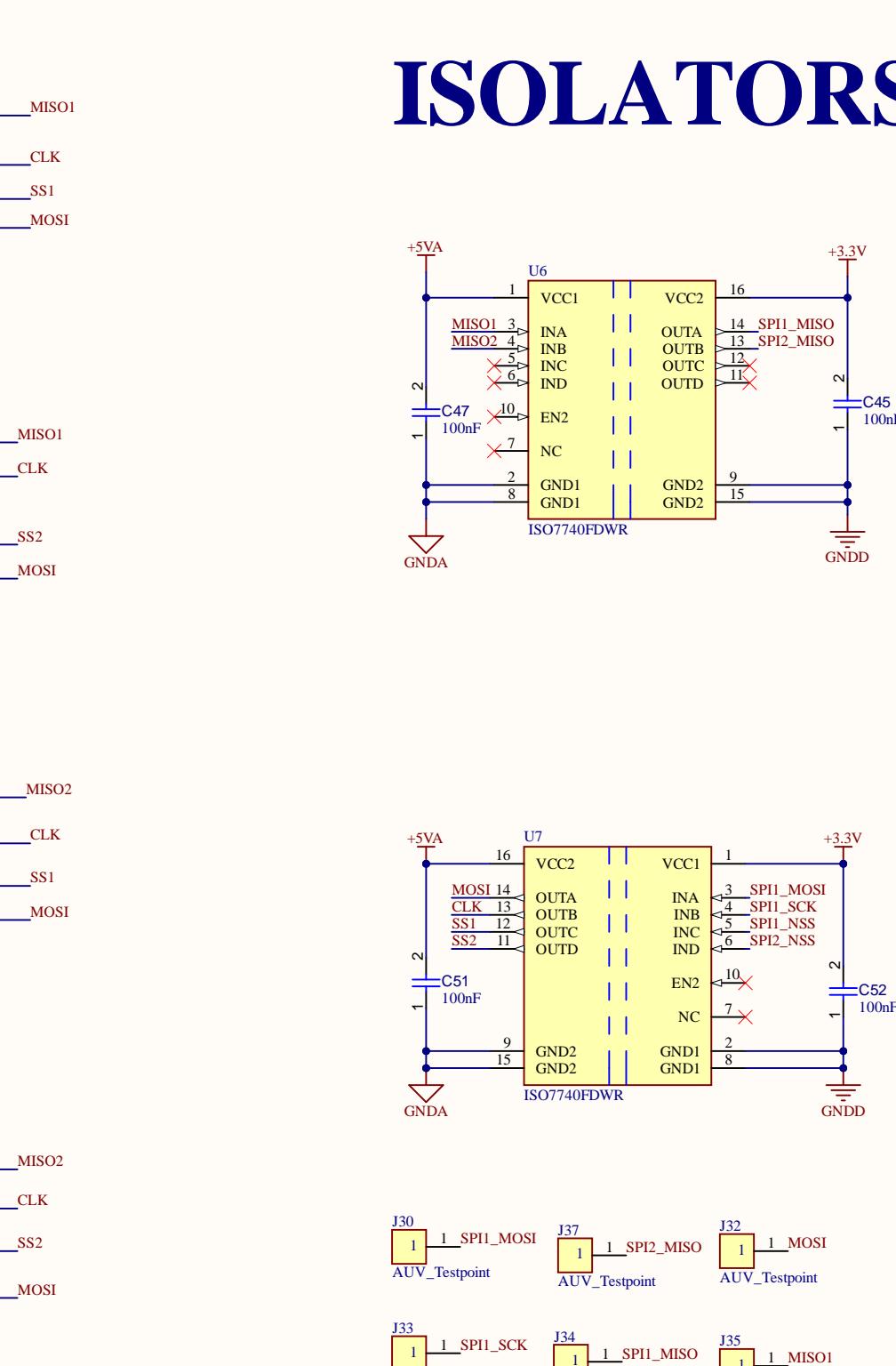


ANALOG!

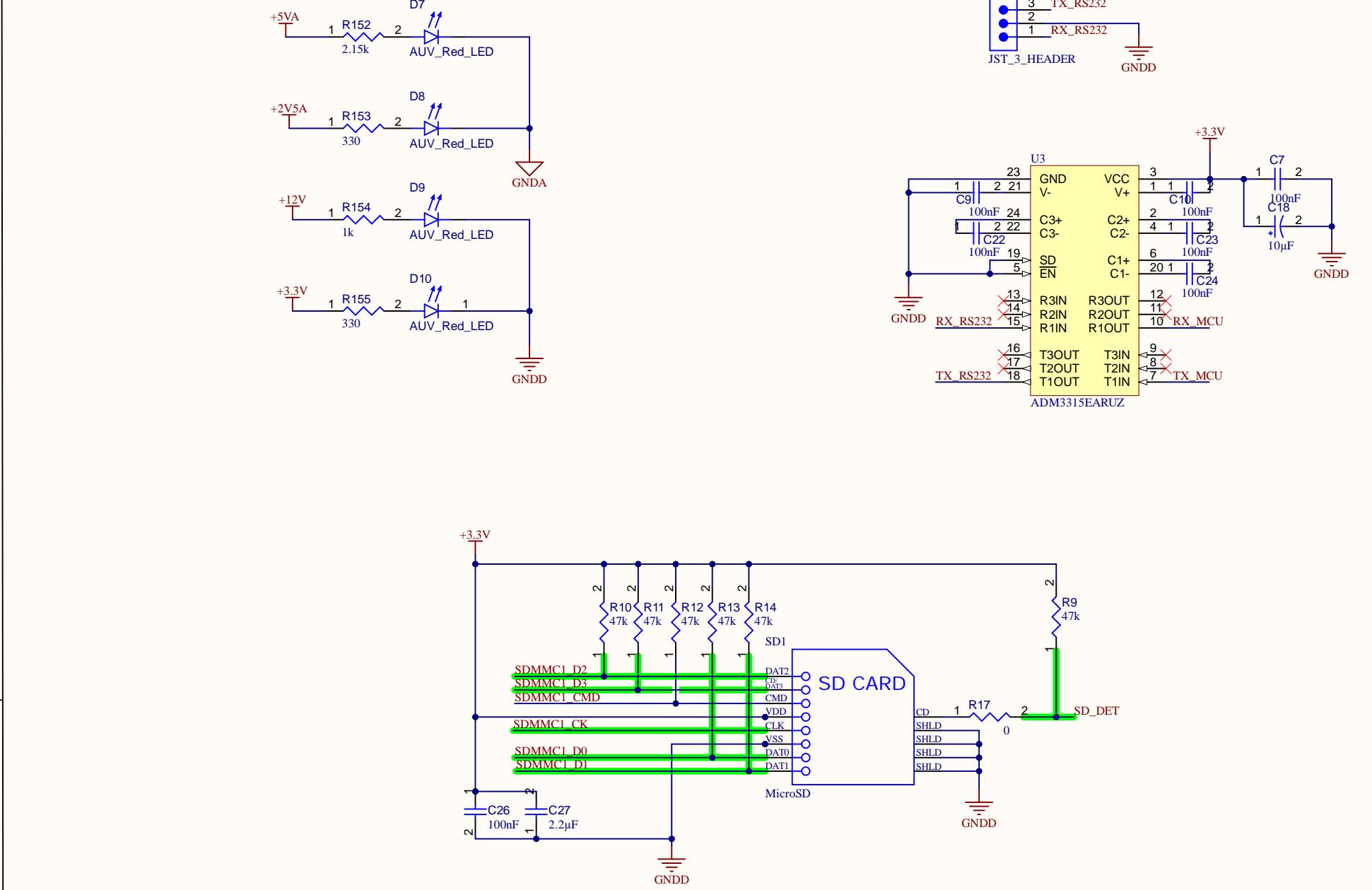
H₂O-IN



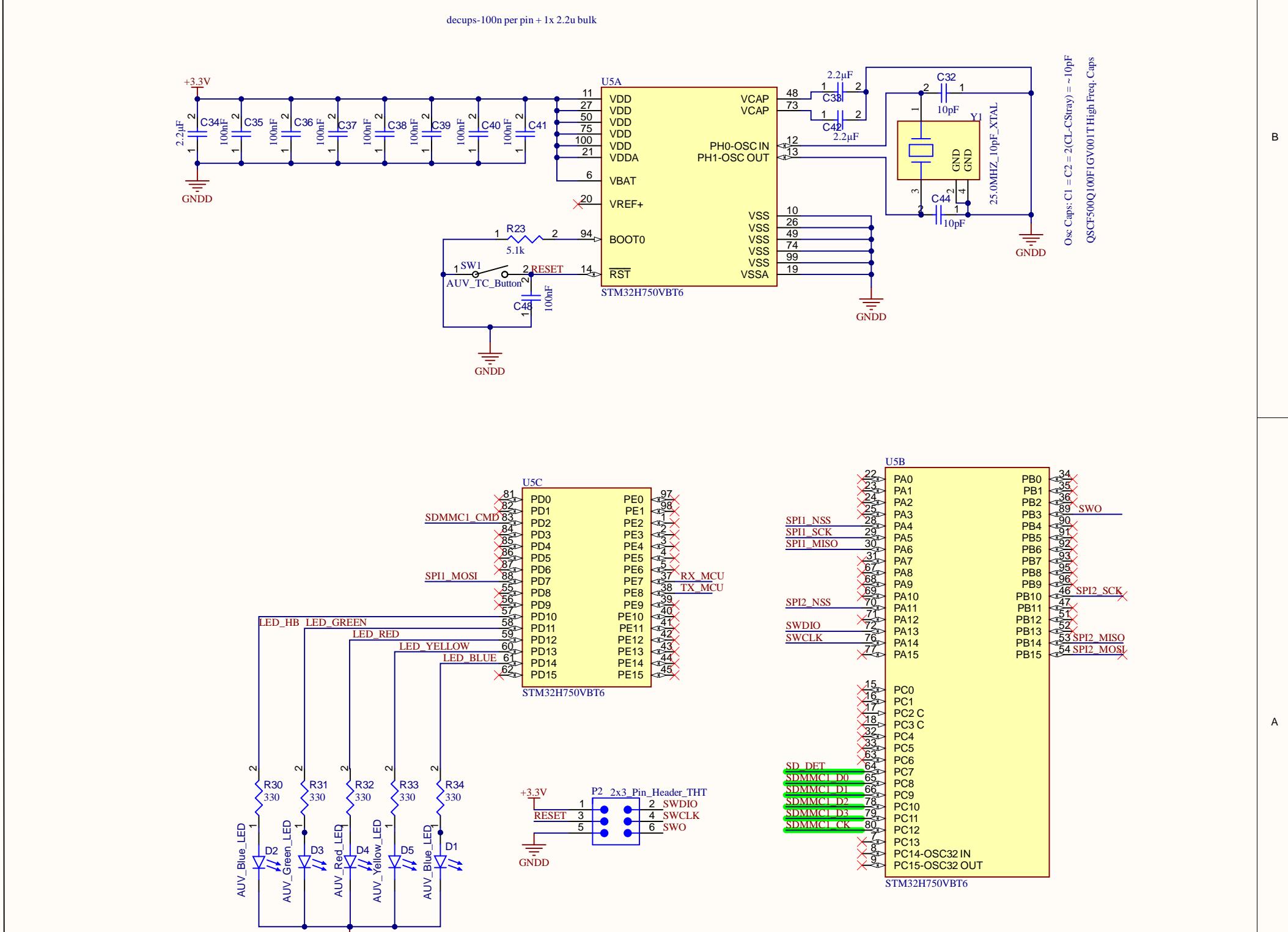
ADCs



ISOLATORS



MCU - STM32H750VB



A

A

B

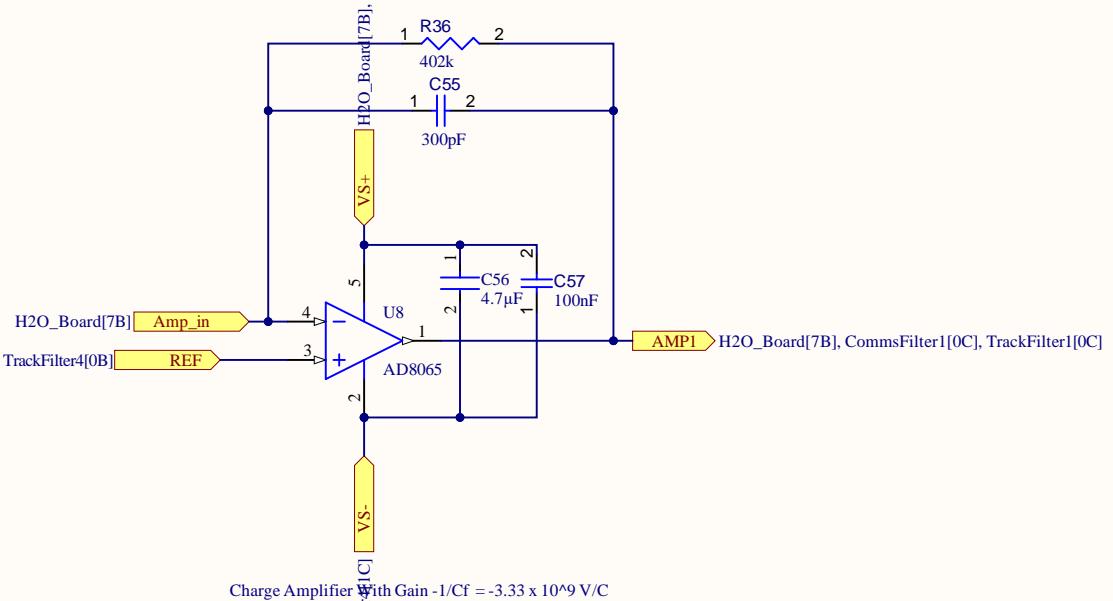
B

C

C

D

D



Title

Size

A

Number

Revision

Date:

12/15/2024

Sheet of

File:

PreAmp1.SchDoc

Drawn By:

A

A

B

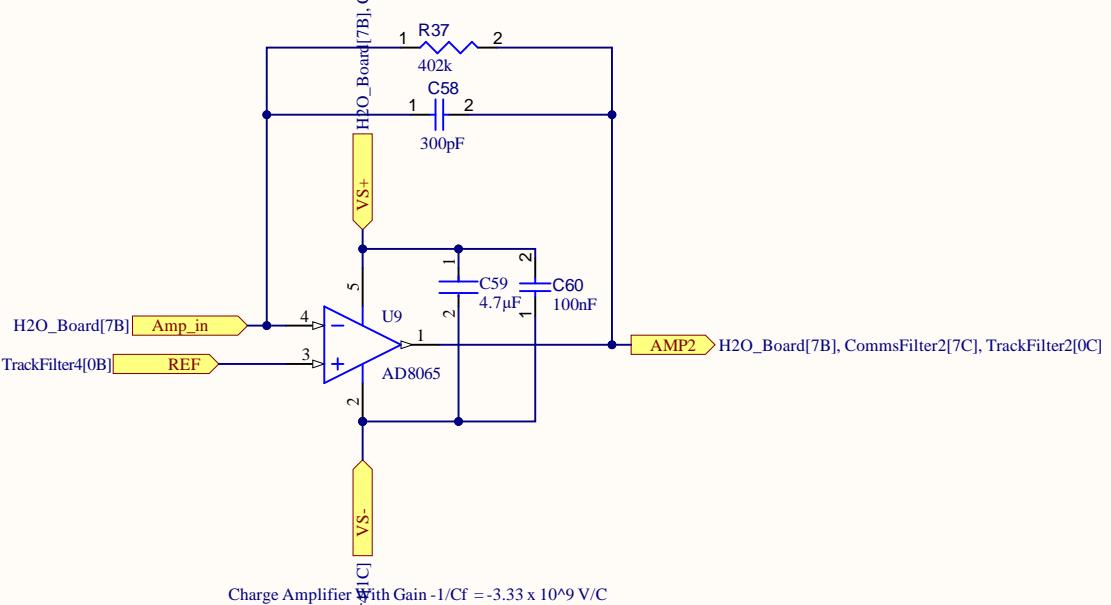
B

C

C

D

D



Title

Size

A

Number

Revision

Date: 12/15/2024

File: PreAmp2.SchDoc

Sheet of

Drawn By:

A

A

B

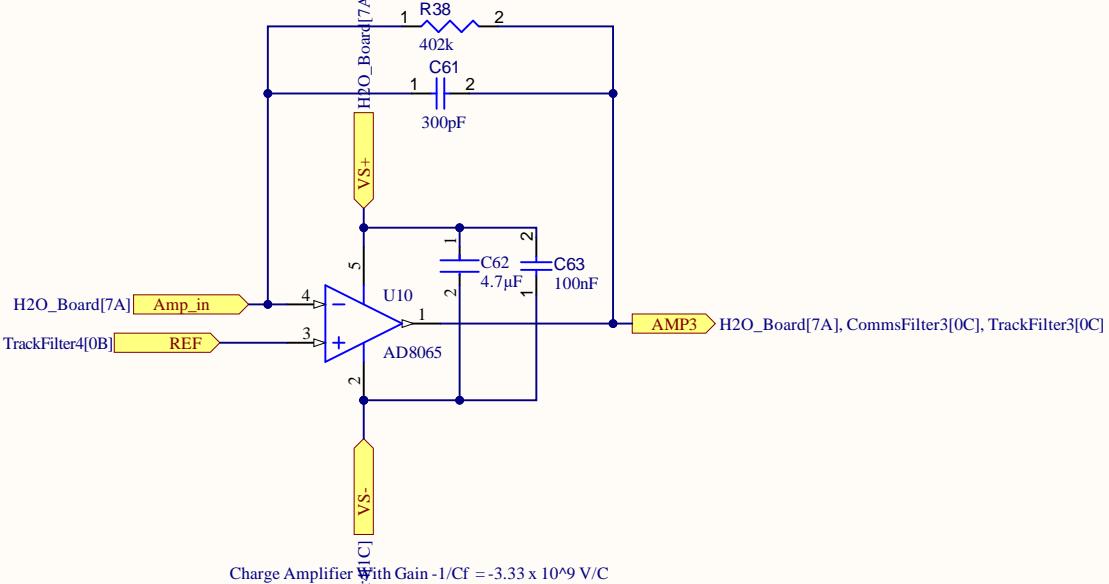
B

C

C

D

D



Title		
Size	Number	Revision
A		
Date: File:	12/15/2024 PreAmp3.SchDoc	Sheet of Drawn By:

A

A

B

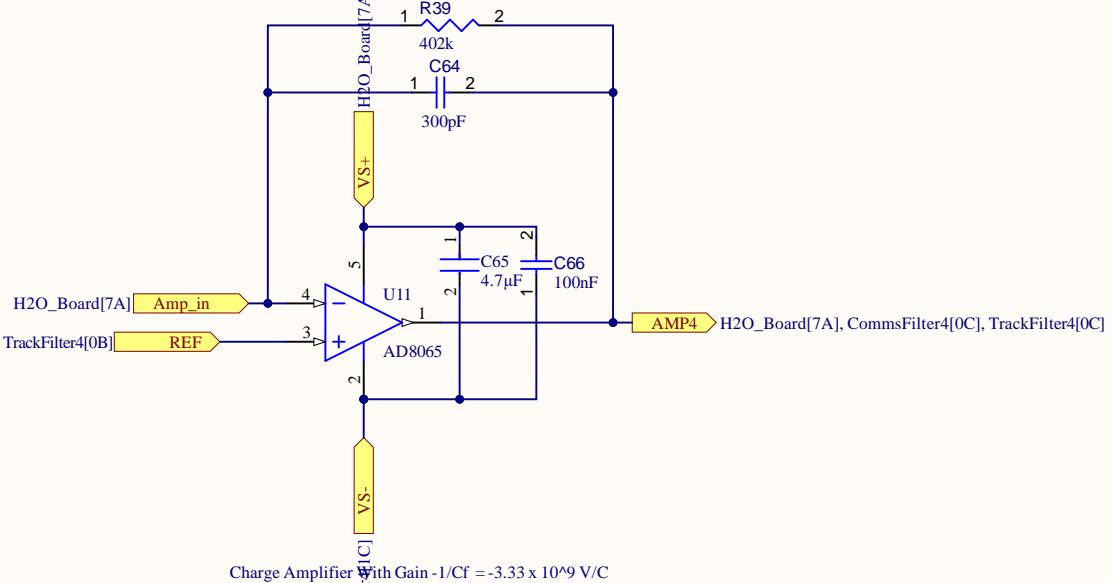
B

C

C

D

D



Title

Size

A

Number

Revision

Date:

12/15/2024

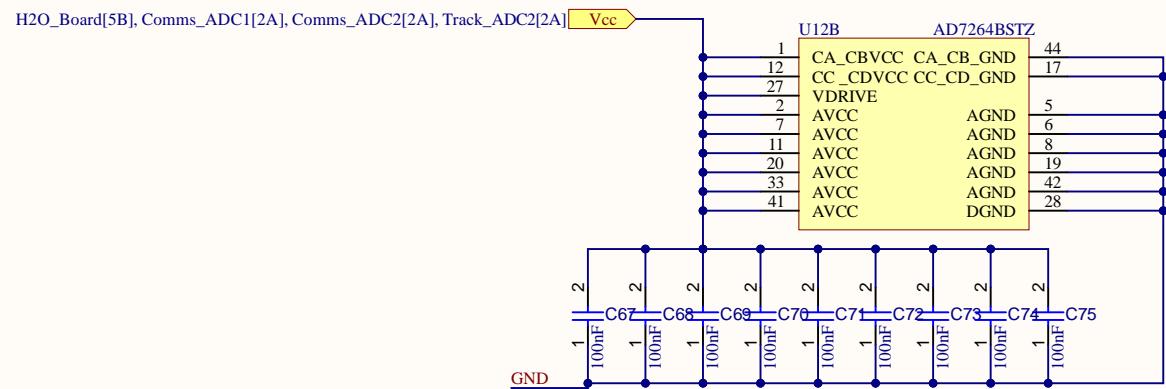
Sheet of

File:

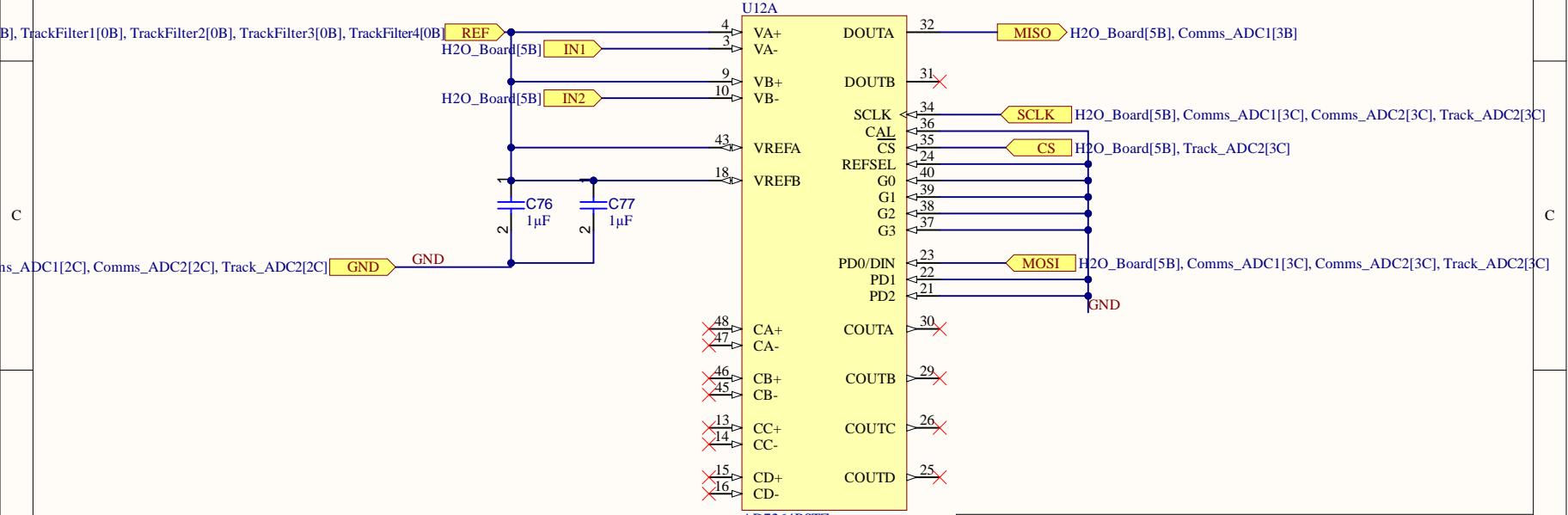
PreAmp4.SchDoc

Drawn By:

A



B

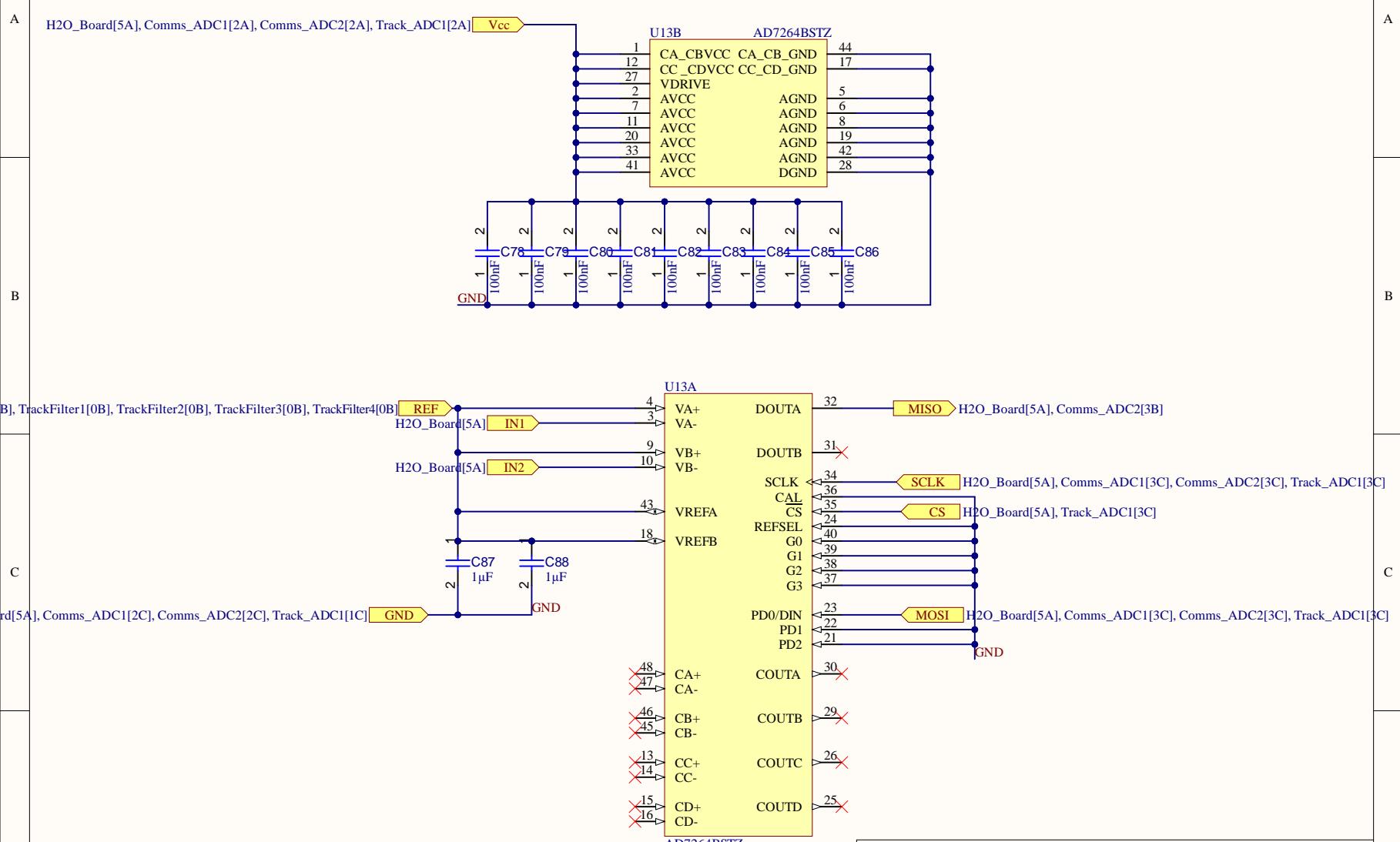


C

ns_ADC1[2C], Comms_ADC2[2C], Track_ADC2[2C] → GND

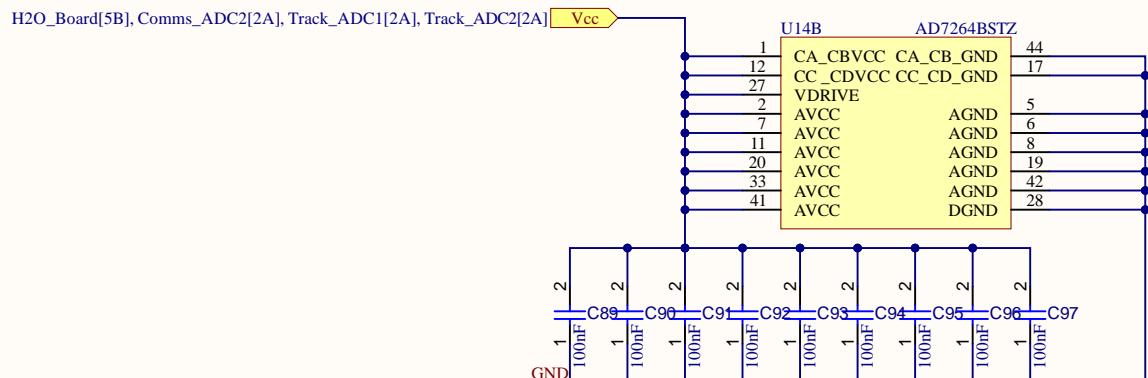
Title

Size	Number	Revision
A		
Date:	12/15/2024	Sheet of
File:	Track_ADC1.SchDoc	Drawn By:



Title		
Size A	Number	Revision
Date:	12/15/2024	Sheet of
File:	Track_ADC2.SchDoc	Drawn By:

A

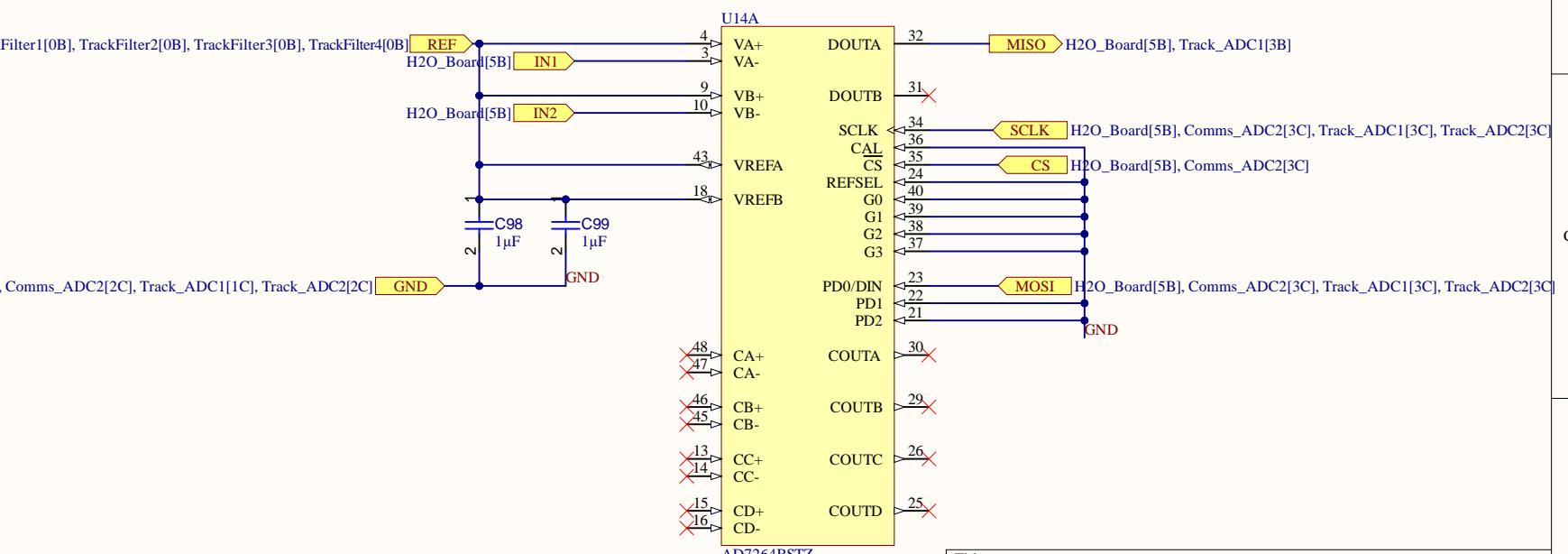


B

B

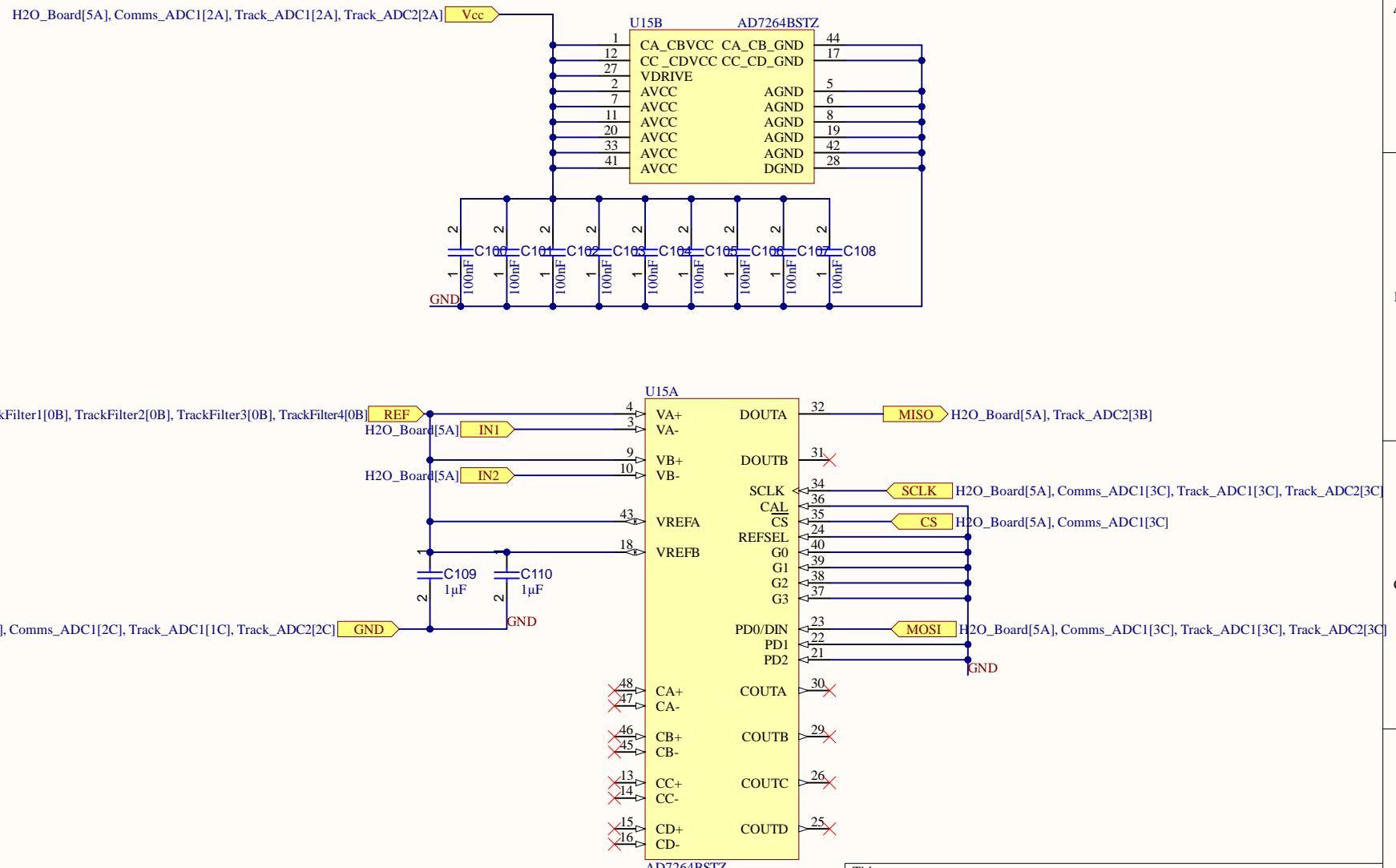
C

D



Title

Size	Number	Revision
A		
Date:	12/15/2024	Sheet of
File:	Comms_ADC1.SchDoc	Drawn By:



A

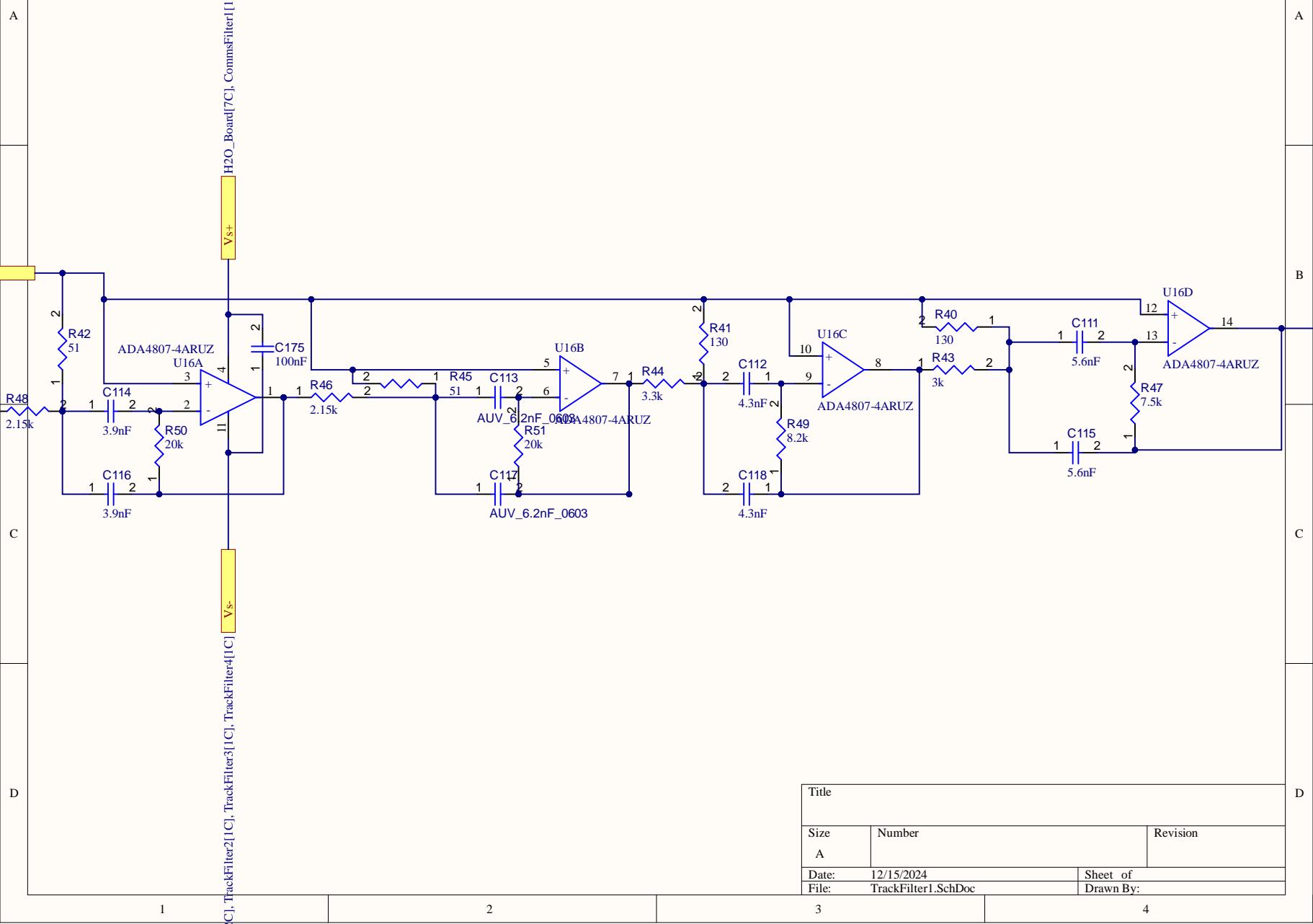
A

C

C

D

D



Title

Size

A

Number

Revision

Date: 12/15/2024

File: TrackFilter1.SchDoc

Sheet of

Drawn By:

A

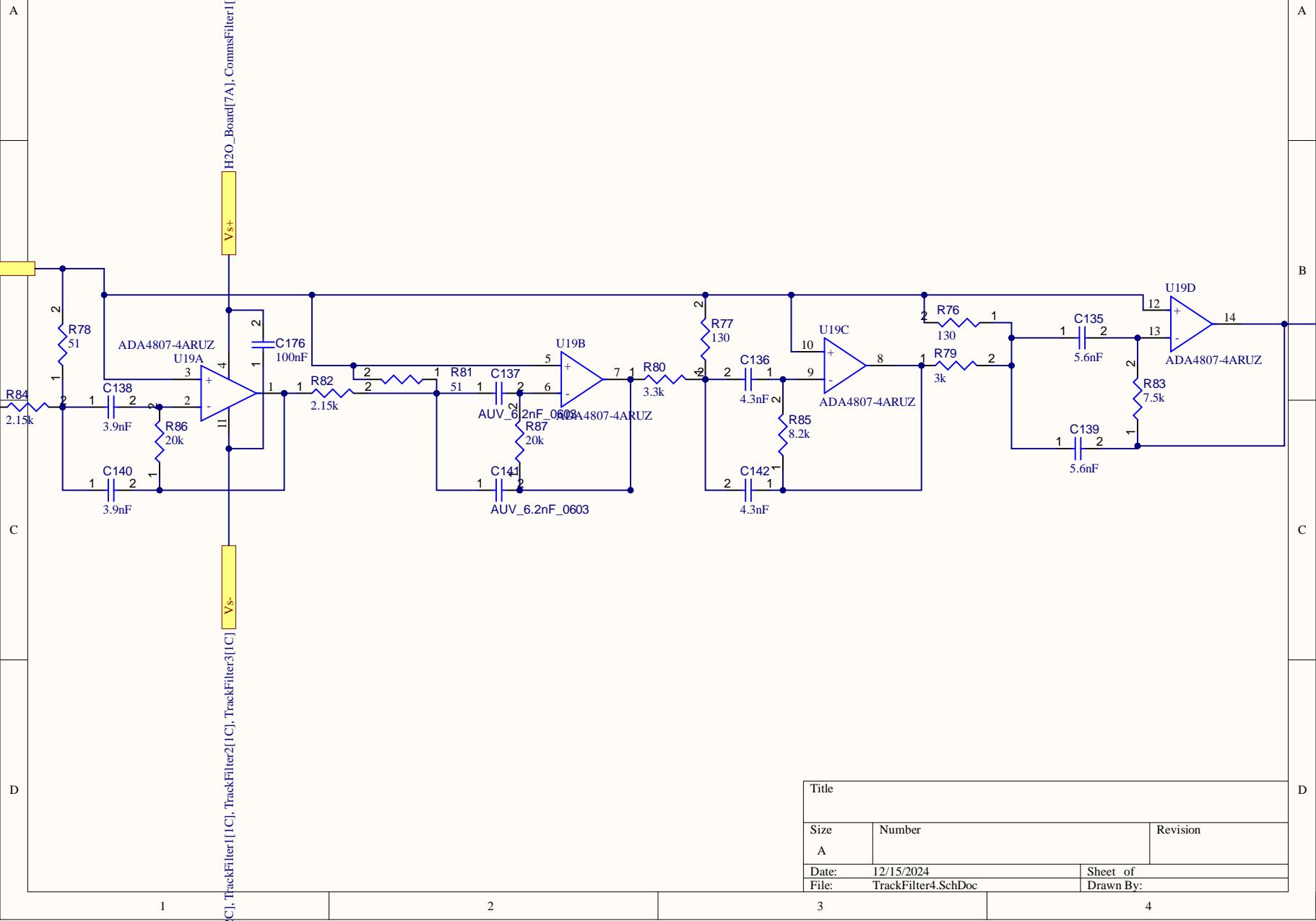
A

C

C

D

D



Title

Size

A

Number

Revision

Date: 12/15/2024

Sheet of

File: TrackFilter4.SchDoc

Drawn By:

A

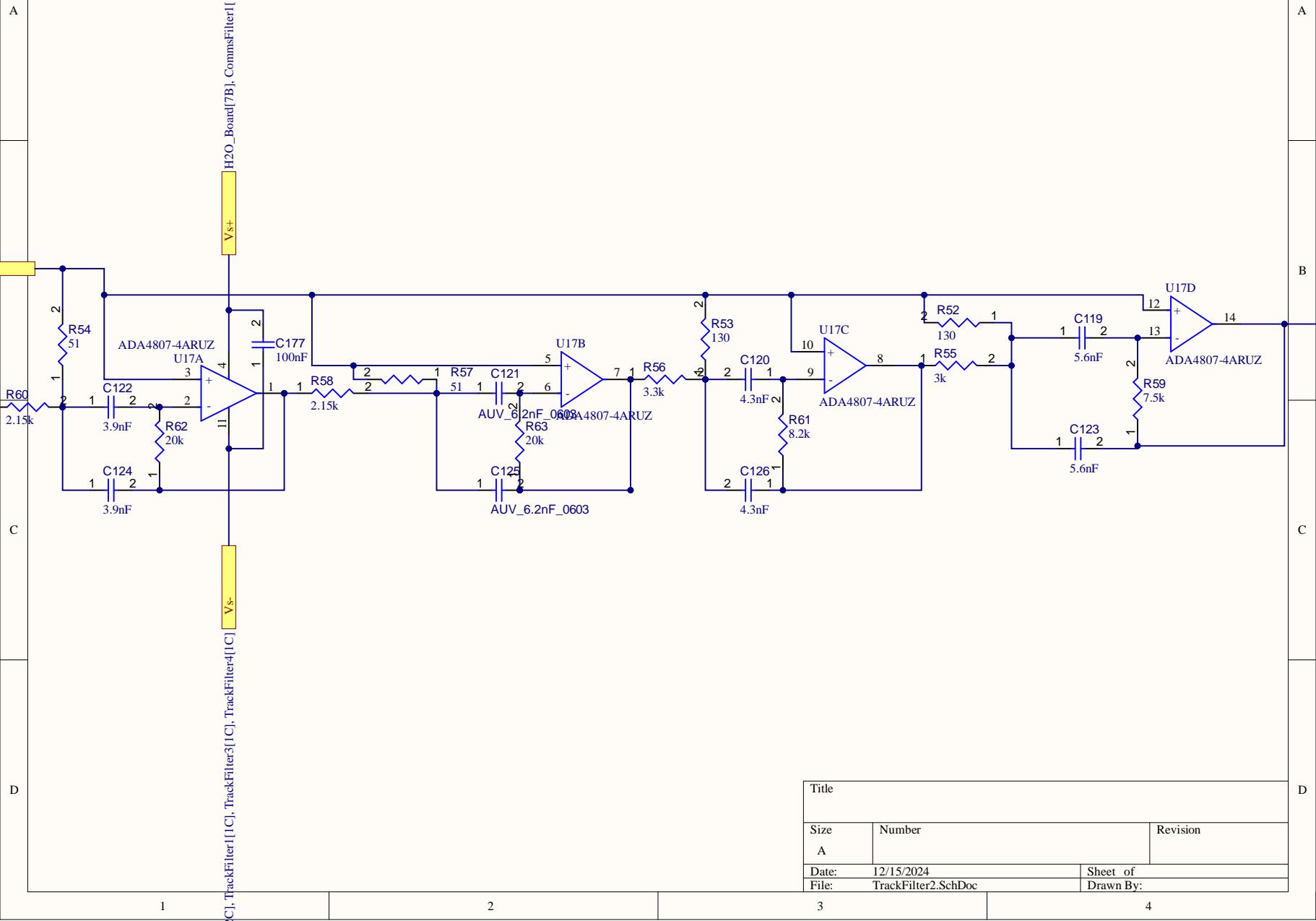
A

C

C

D

D



Title

Size

A

Number

Revision

Date: 12/15/2024

File: TrackFilter2.SchDoc

Sheet of

Drawn By:

A

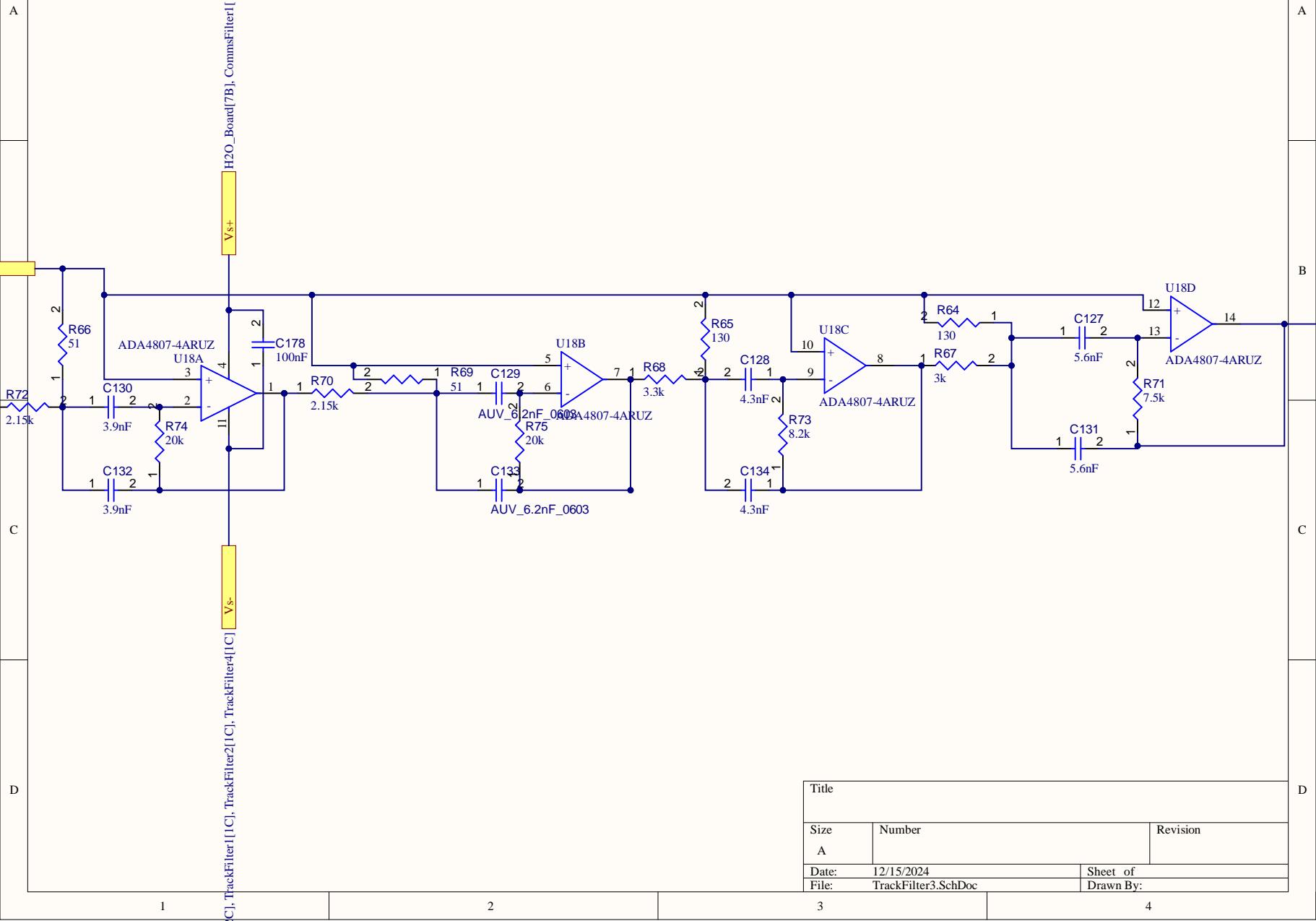
A

C

C

D

D



Title

Size

A

Number

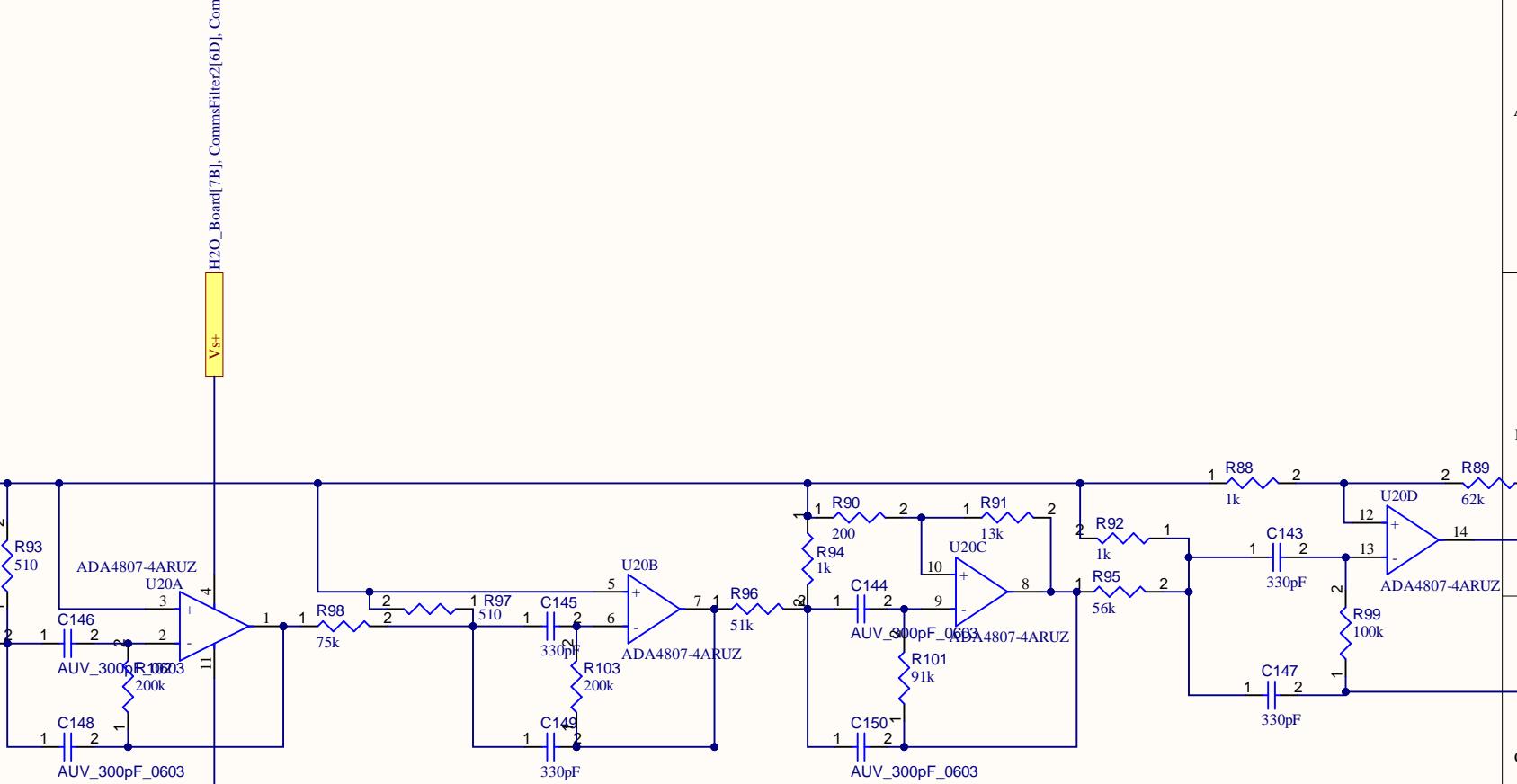
Revision

Date: 12/15/2024

Sheet of

File: TrackFilter3.SchDoc

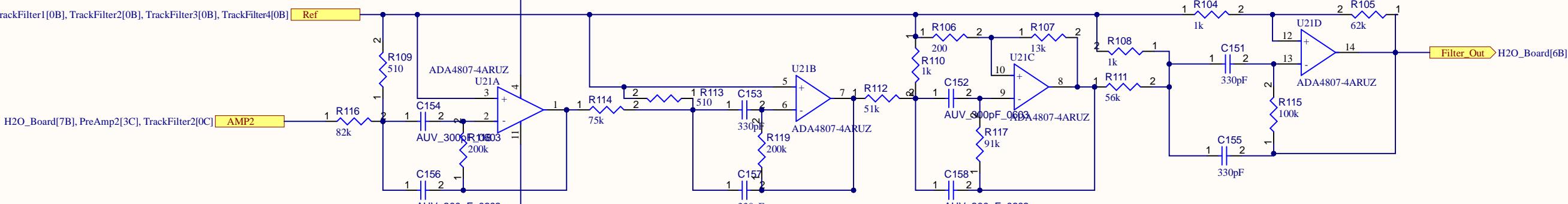
Drawn By:



Title	
Size A	Number
Date:	12/15/2024
File:	CommsFilter1.SchDoc

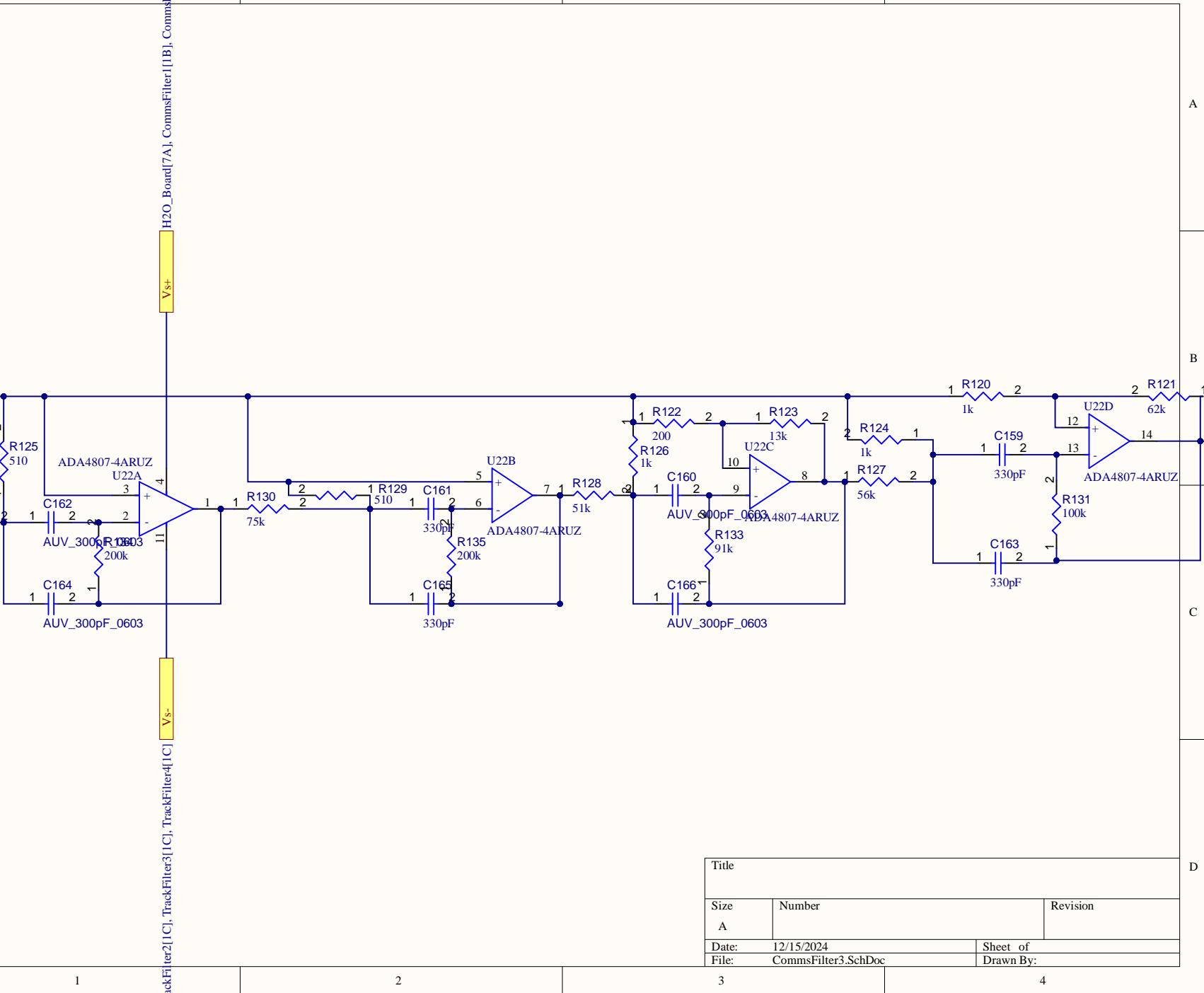
THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR
HEREWITH IS THE PROPERTY OF ALTIUM LIMITED AND MAY
BE FREELY DISTRIBUTED IN WHOLE. NO RIGHTS ARE
RESERVED OR EXPRESS OR IMPLIED WARANTEE GIVEN.

DWG. NO.	REV.	15	SHT.	
REVISION		DESCRIPTION	DATE	APPROVED



APPROVALS	DATE	PROJECT	*
ENG:			*
DSN:			*
CHK:		PROJECT REVISION:	Version
REFERENCE DOCUMENTS		DOCUMENT REVISION:	Design Item
BOM:		control disabled	Versioh control disabled
ASSY DWG:		SIZE	
FAB DWG:		CAGE CODE	
PCB DWG:		DWG NO.	
SCALE:	FILE NAME	CommsFilter2.SchDoc	SHEET 15 OF 17

Altium



Title		
Size	Number	Revision
A		
Date:	12/15/2024	Sheet of
File:	CommsFilter3.SchDoc	Drawn By:

A

A

B

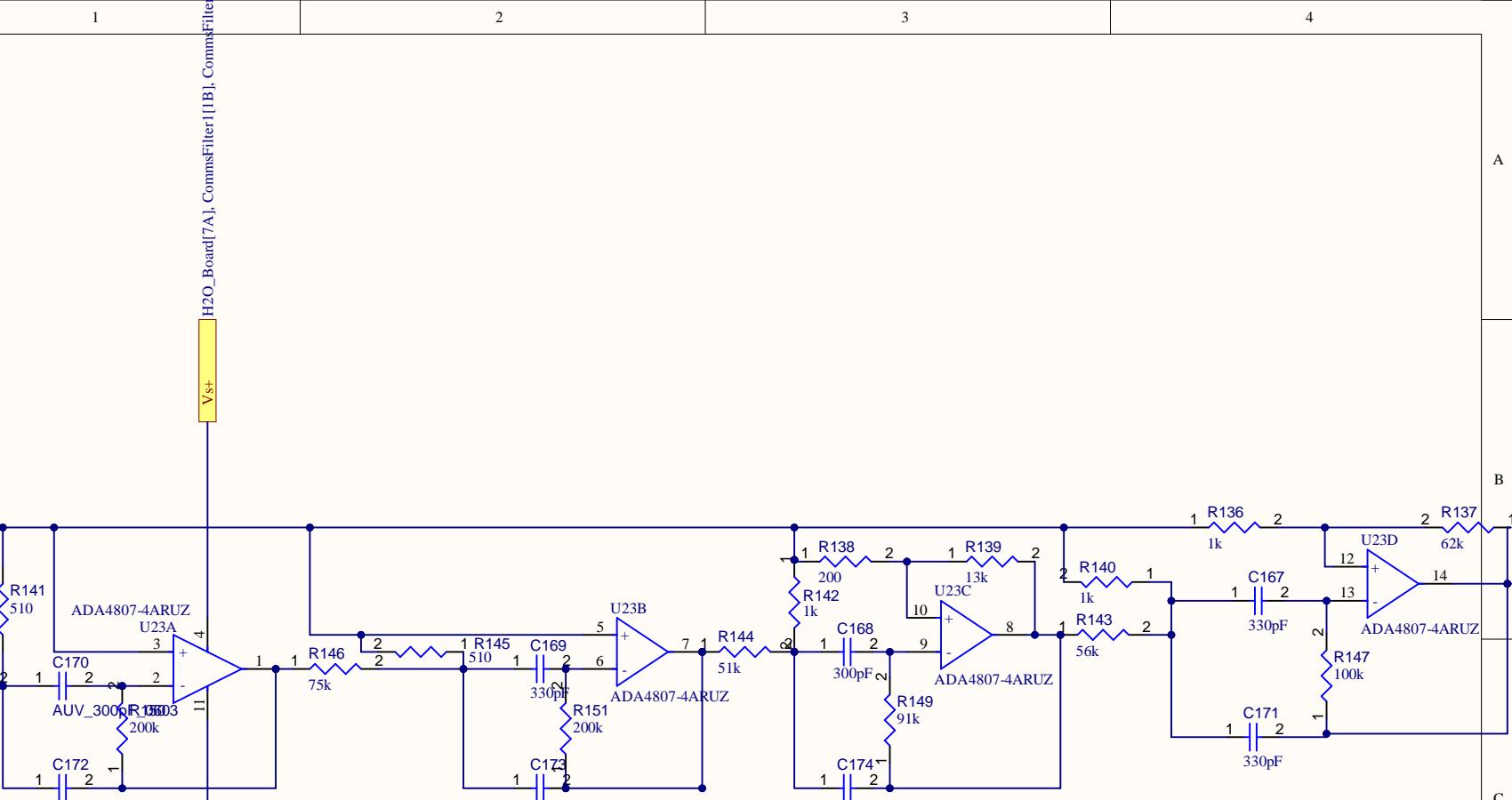
B

C

C

D

D



Title

Size

A

Number

Revision

Date:

File:

12/15/2024

CommsFilter4.SchDoc

Sheet of

4

Drawn By: