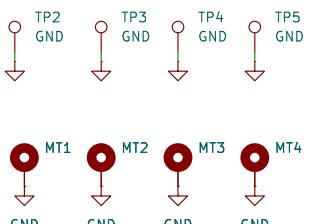
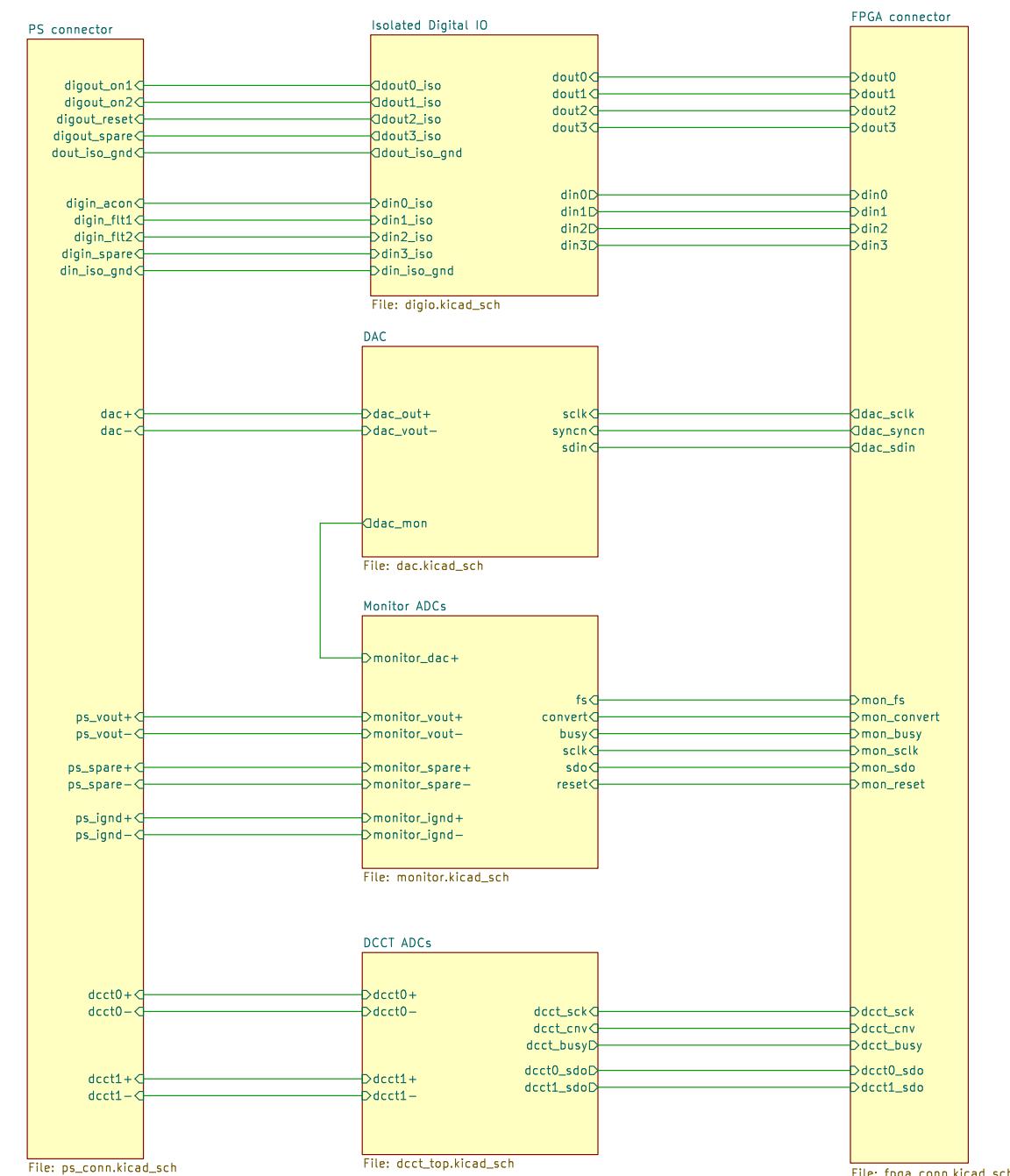
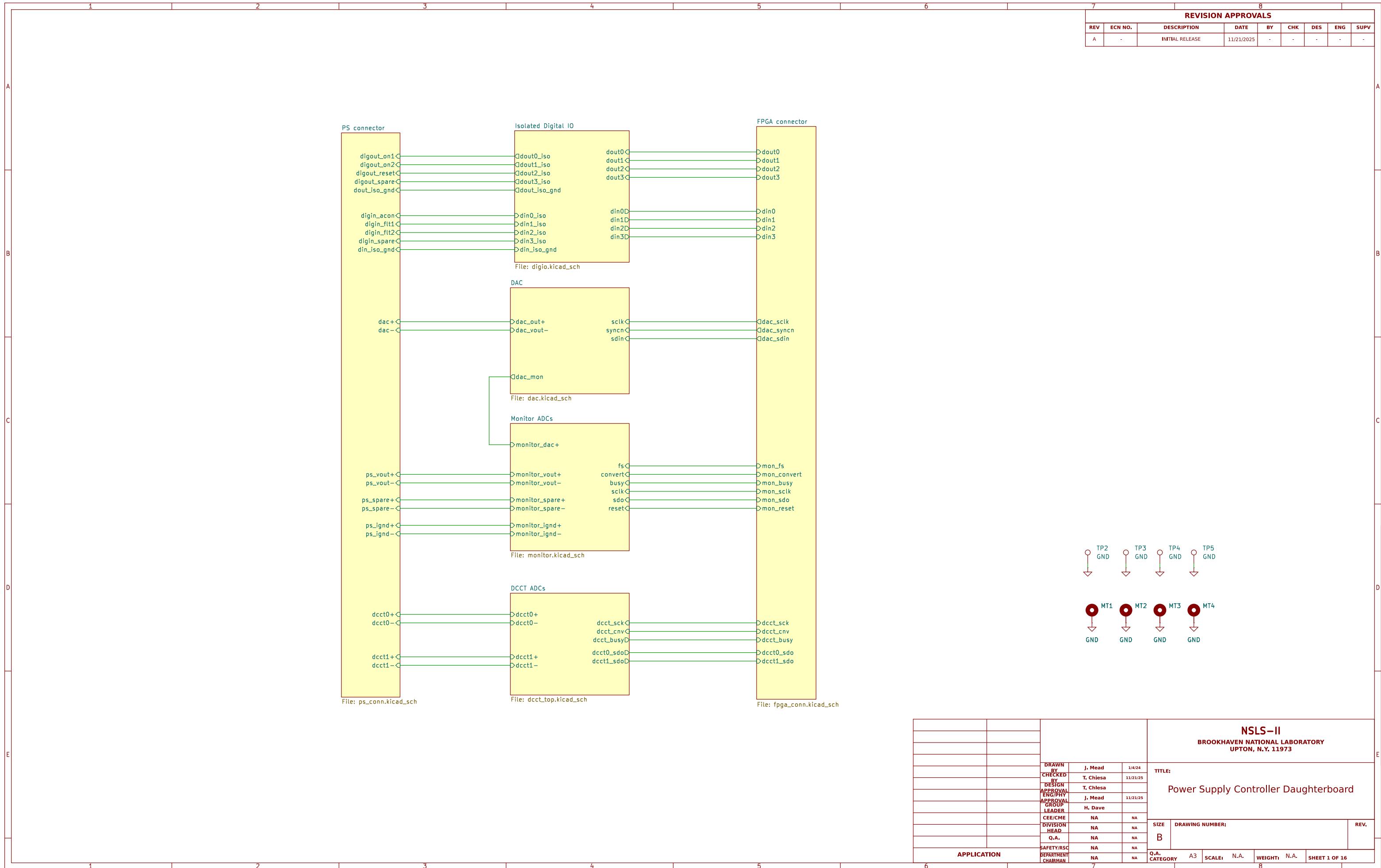
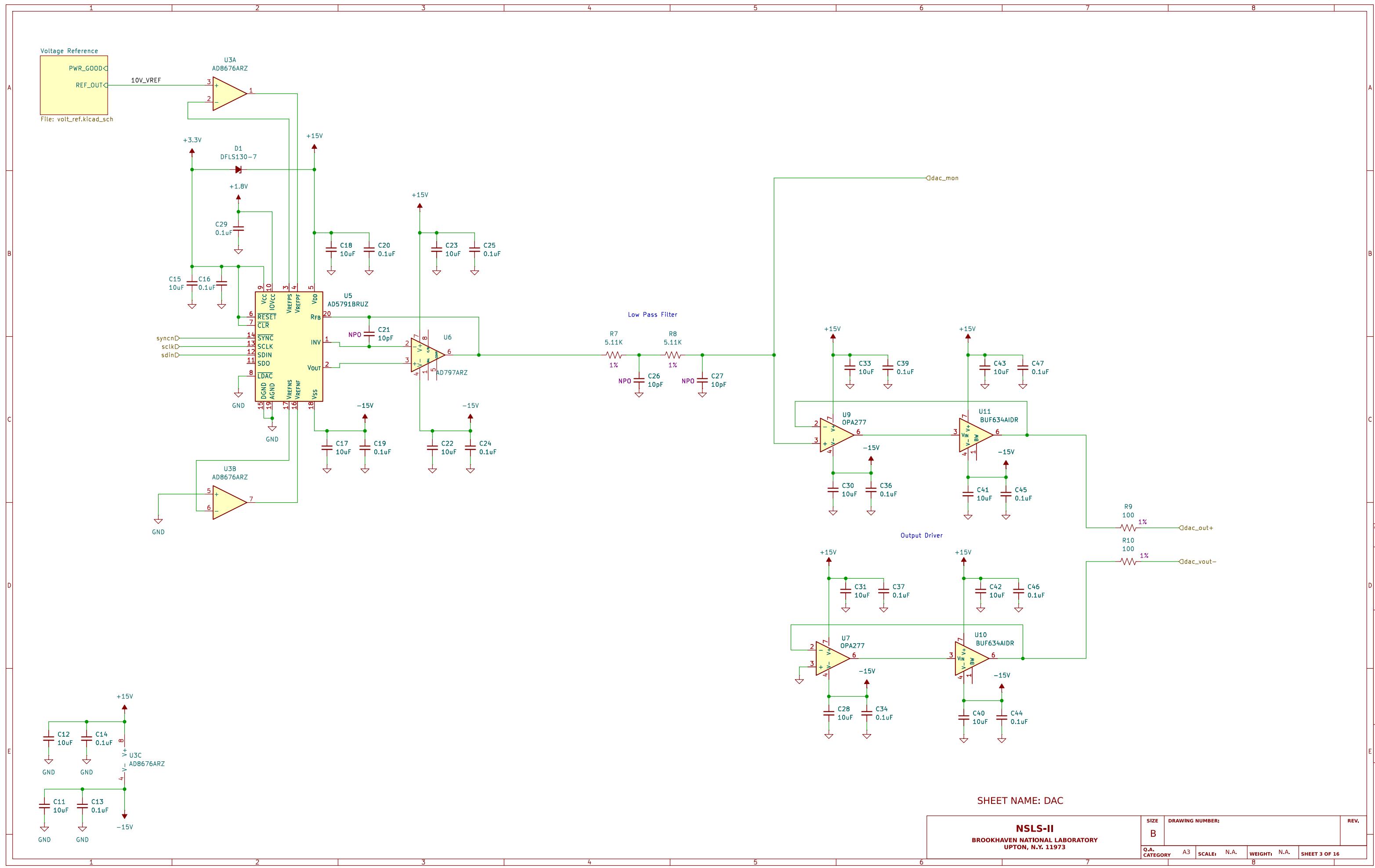


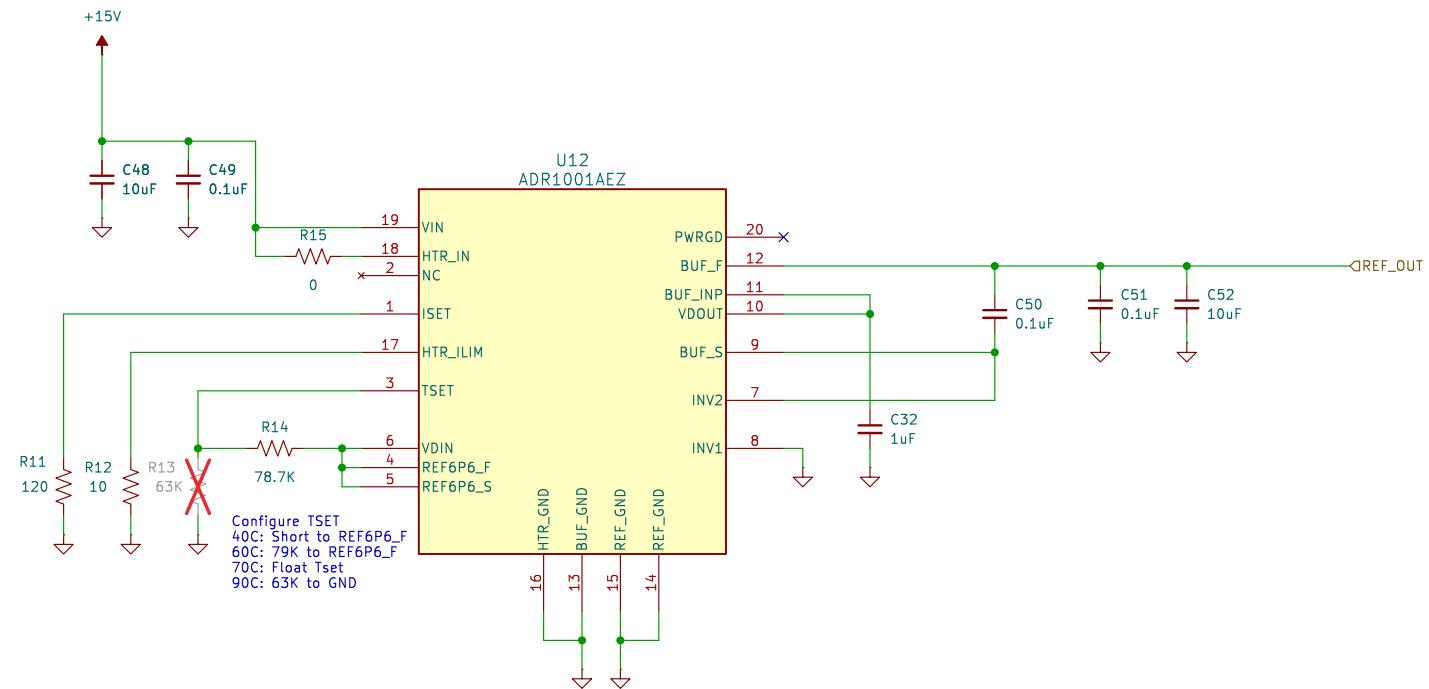
REVISION APPROVALS							
REV	ECN NO.	DESCRIPTION	DATE	BY	CHK	DES	ENG
A	-	INITIAL RELEASE	11/21/2025	-	-	-	-



				TITLE:	
				NSLS-II BROOKHAVEN NATIONAL LABORATORY UPTON, N.Y. 11973	
				Power Supply Controller Daughterboard	
DRAWN BY	J. Mead	1/4/24			
CHECKED	T. Chiesa	11/21/25			
DESIGN APPROVAL	T. Chiesa				
APPROVAL GROUP	J. Mead	11/21/25			
LEADER	H. Dave				
CEC/CME	NA	NA			
DIVISION HEAD	NA	NA			
Q.A.	NA	NA			
SAFETY/RSC	NA	NA			
DEPARTMENT CHAIRMAN	NA	NA			
APPLICATION		SIZE		DRAWING NUMBER	
		B			REV.
Q.A. CATEGORY	A3	SCALE	N.A.	WEIGHT	N.A.
SHEET 1 OF 16					



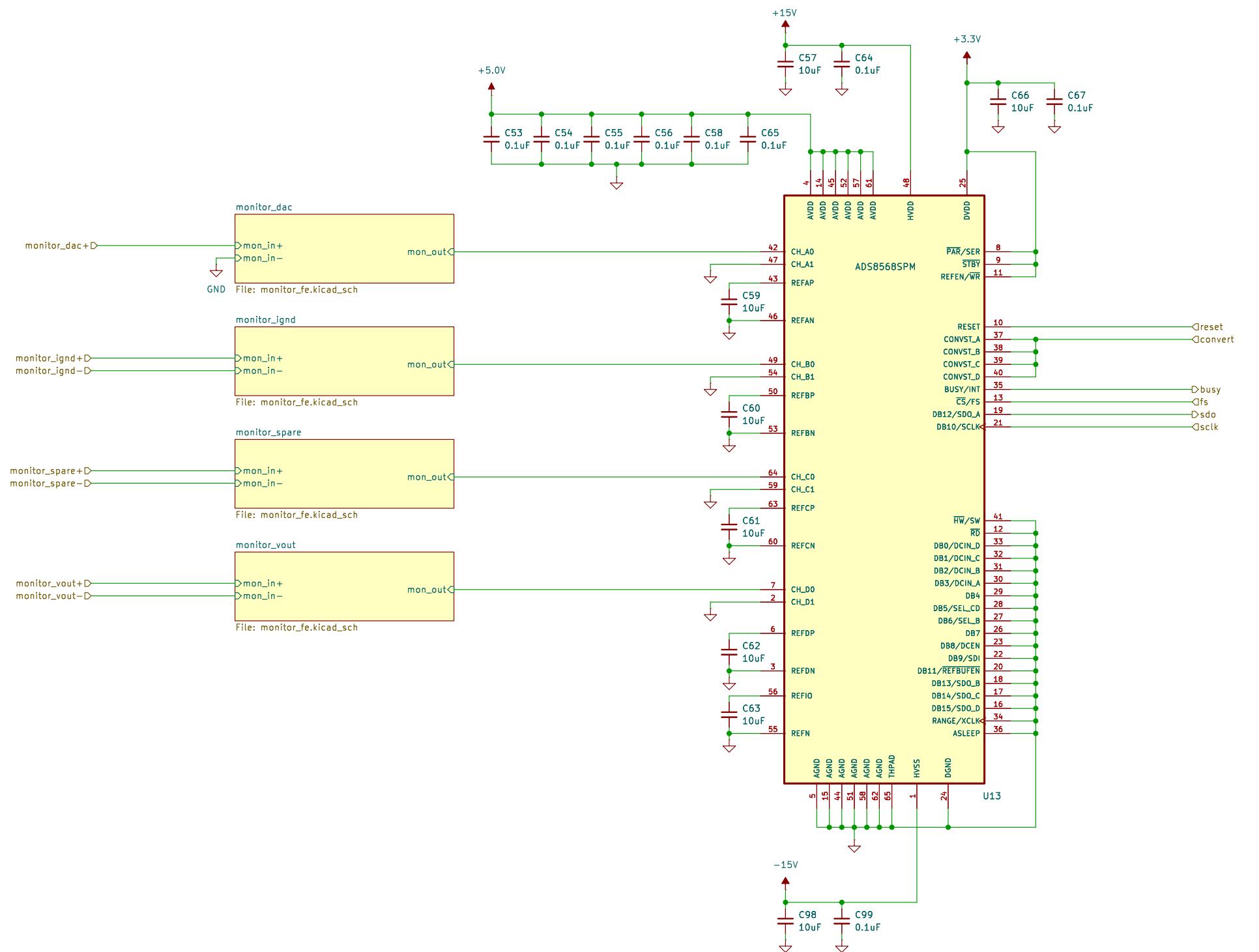




SHEET NAME: Voltage Reference

NSLS-II
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

NSLS-II BROOKHAVEN NATIONAL LABORATORY UPTON, N.Y. 11973		SIZE B	DRAWING NUMBER:				REV.	
		Q.A. CATEGORY	A3	SCALE ⁱ	N.A.	WEIGHT ⁱ	N.A.	SHEET 4 OF 16



SHEET NAME: Monitor ADCs

NSLS-II
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

NSLS-II BROOKHAVEN NATIONAL LABORATORY UPTON, N.Y. 11973		SIZE B	DRAWING NUMBER:				REV.	
		Q.A. CATEGORY	A3	SCALE ⁱ	N.A.	WEIGHT ⁱ	N.A.	SHEET 4 OF 16

1

2

3

4

5

A

A

B

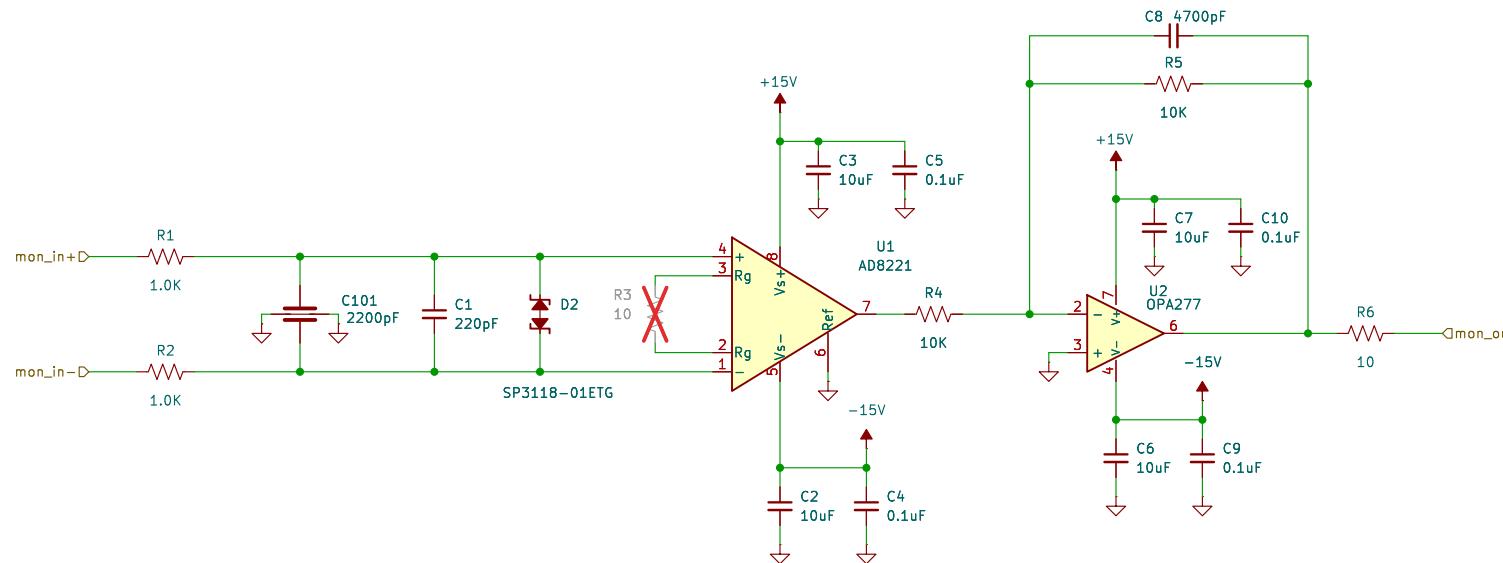
B

C

C

D

D

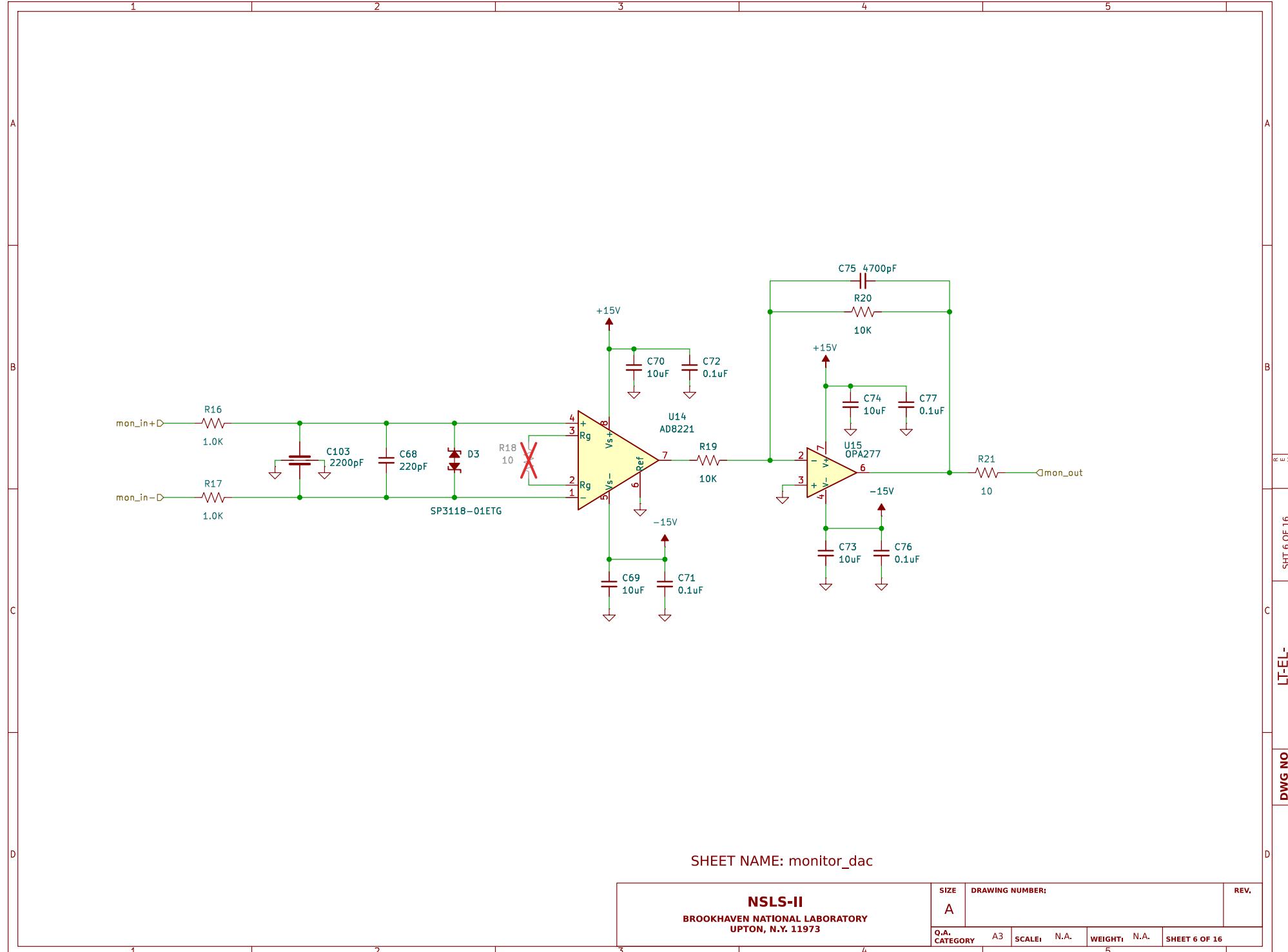


SHEET NAME: monitor_ignd

NSLS-II
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

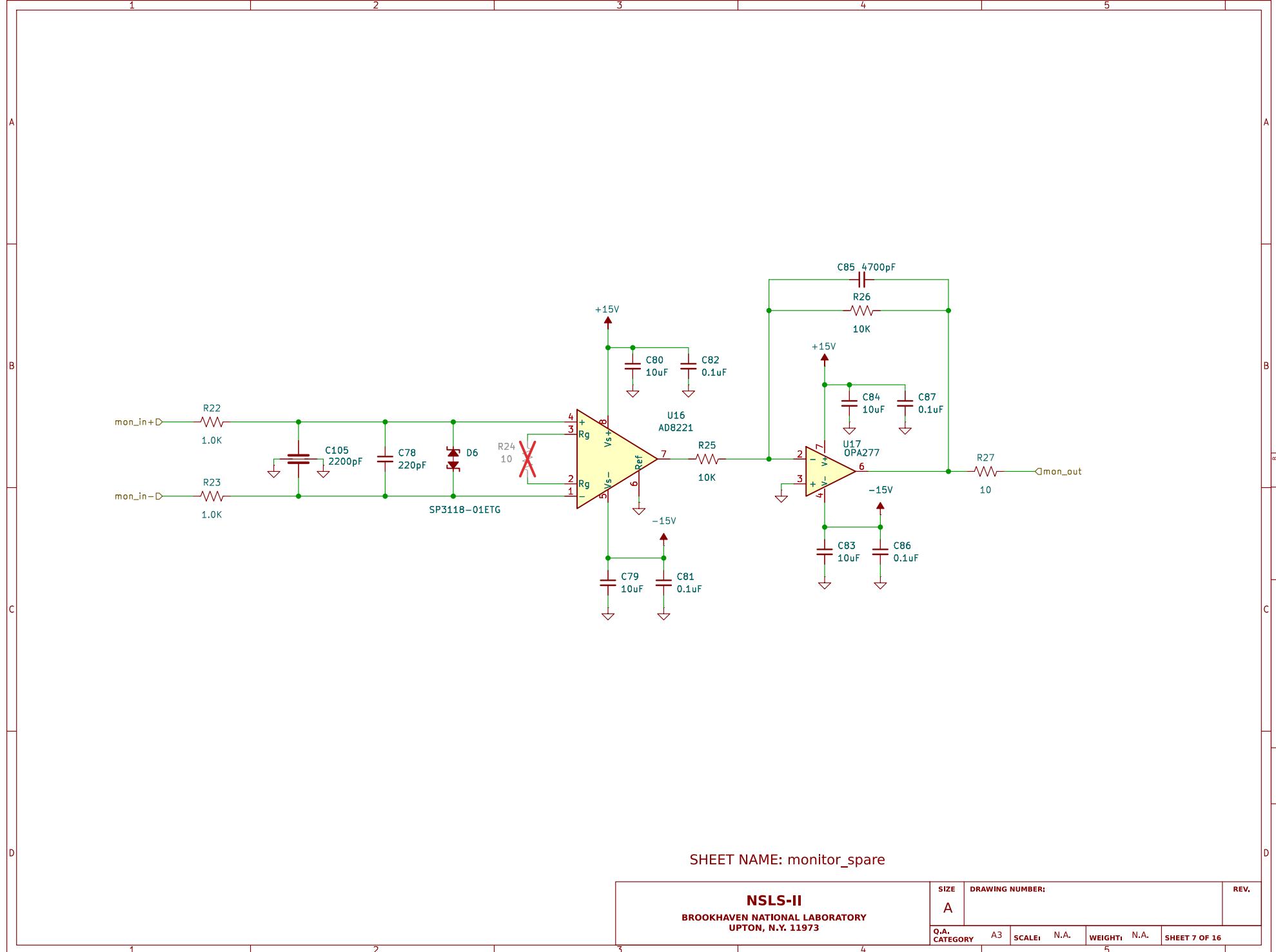
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				A3	SCALE	N.A.	WEIGHT

1 2 3 4 5

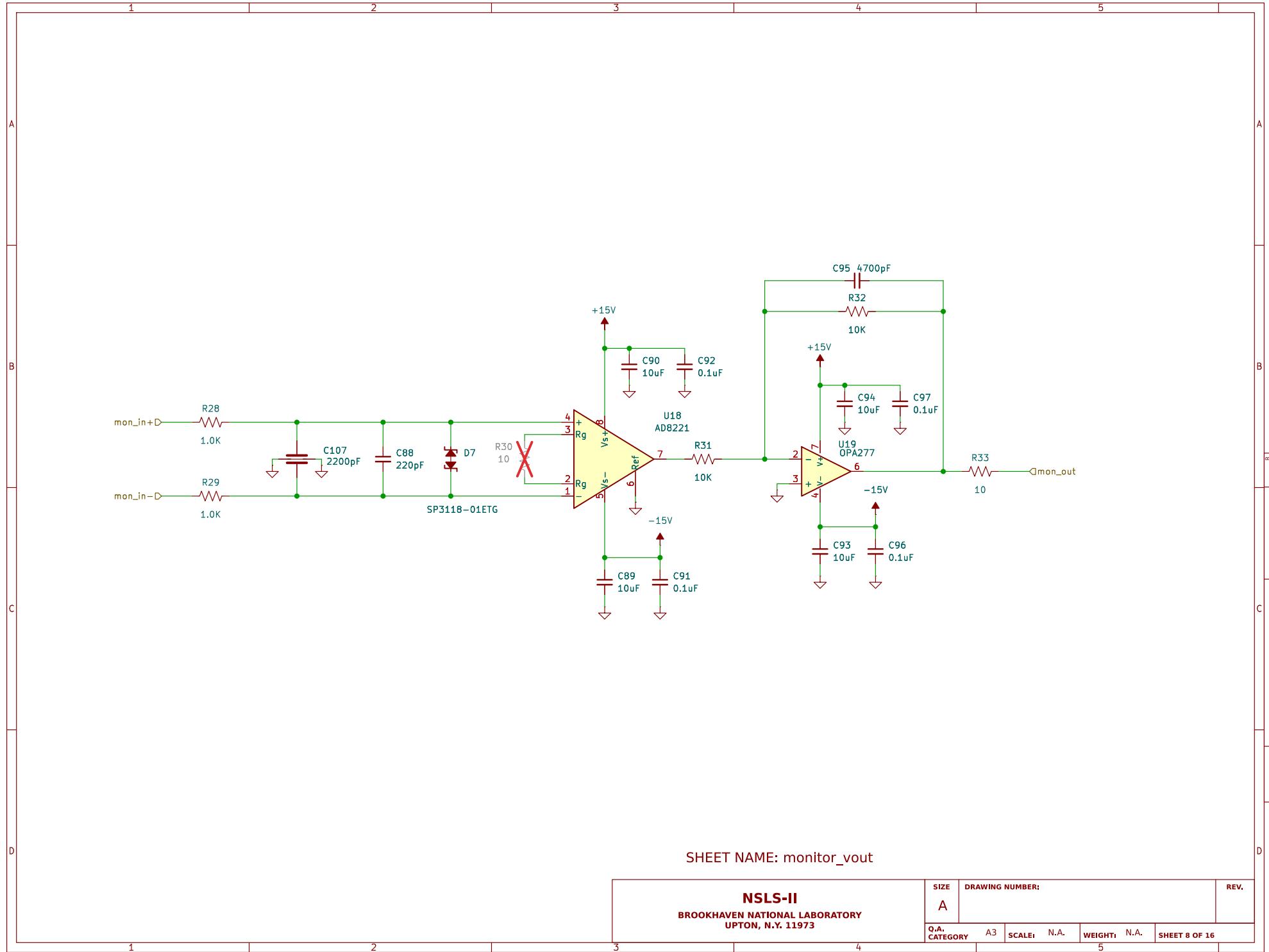


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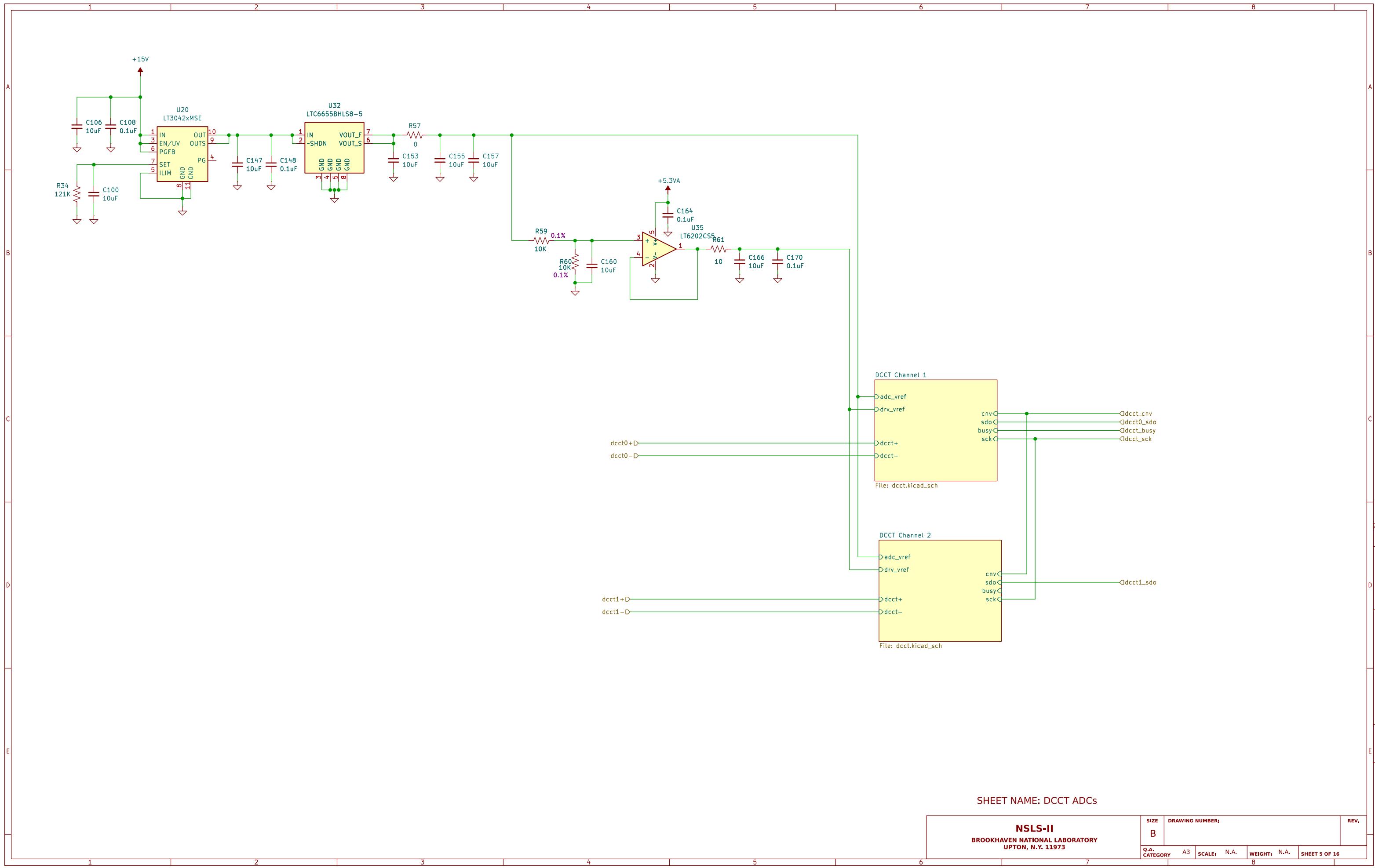
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1 2 3 4 5



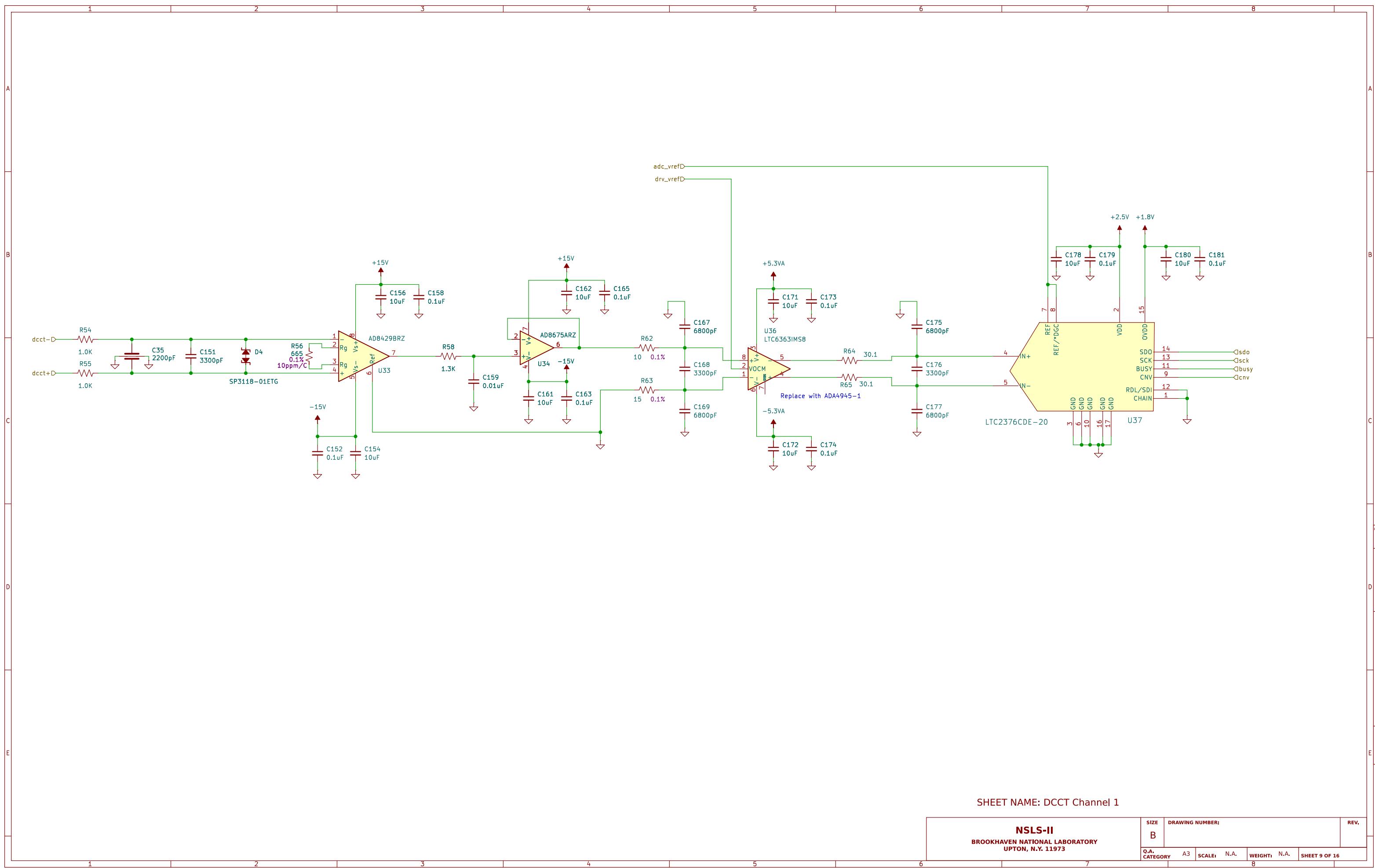
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SHEET NAME: DCCT ADCs

NSLS-II
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

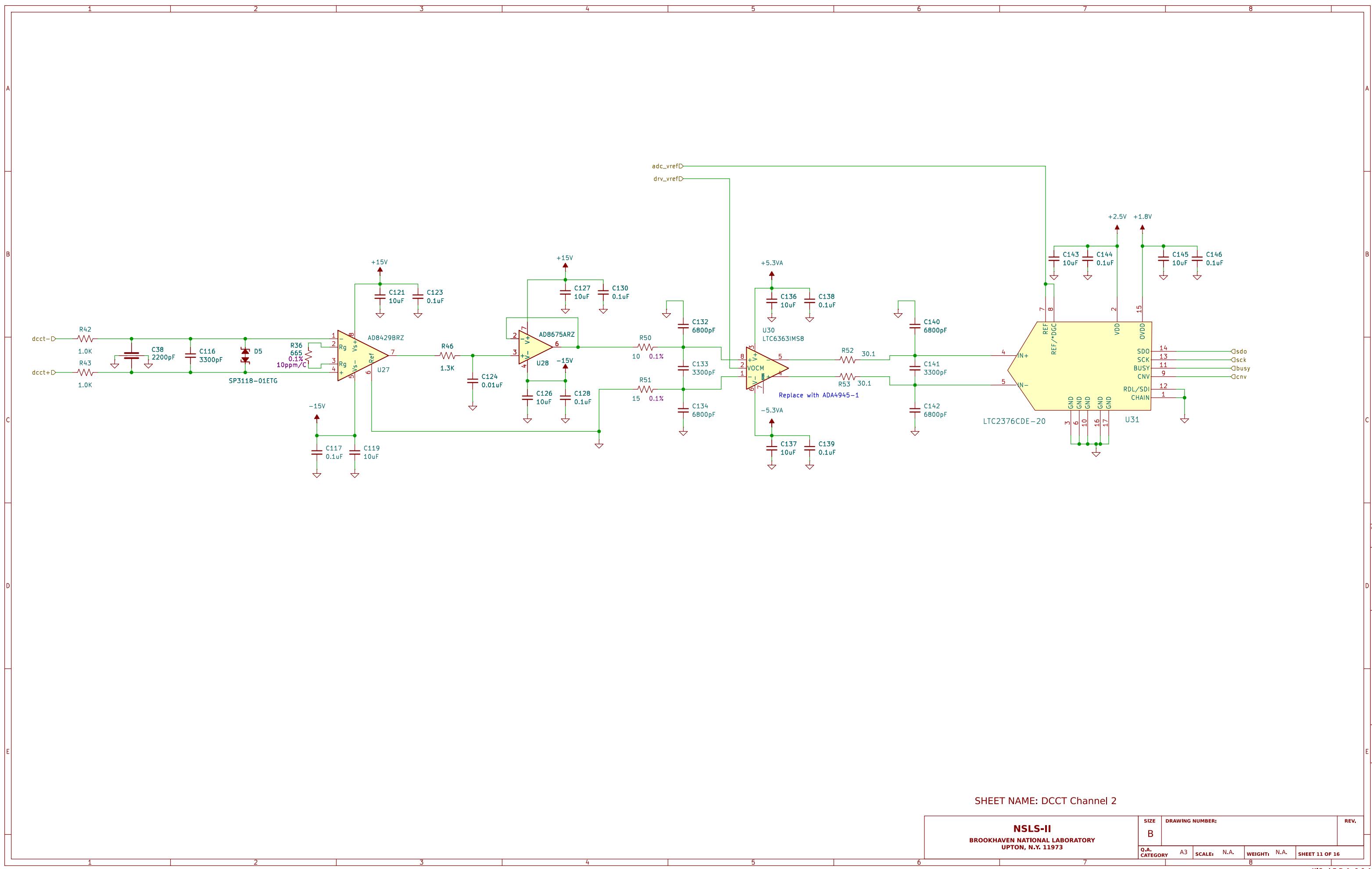
Q.A. CATEGORY	A3	SCALE	N.A.	WEIGHT	N.A.	SIZE	DRAWING NUMBER	REV.
						B		



SHEET NAME: DCCT Channel 1

NSLS-II
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

NSLS-II BROOKHAVEN NATIONAL LABORATORY UPTON, N.Y. 11973		SIZE B	DRAWING NUMBER:				REV.
		Q.A. CATEGORY	A3	SCALE: N.A.	WEIGHT: N.A.	SHEET 9 OF 16	



A

A

B

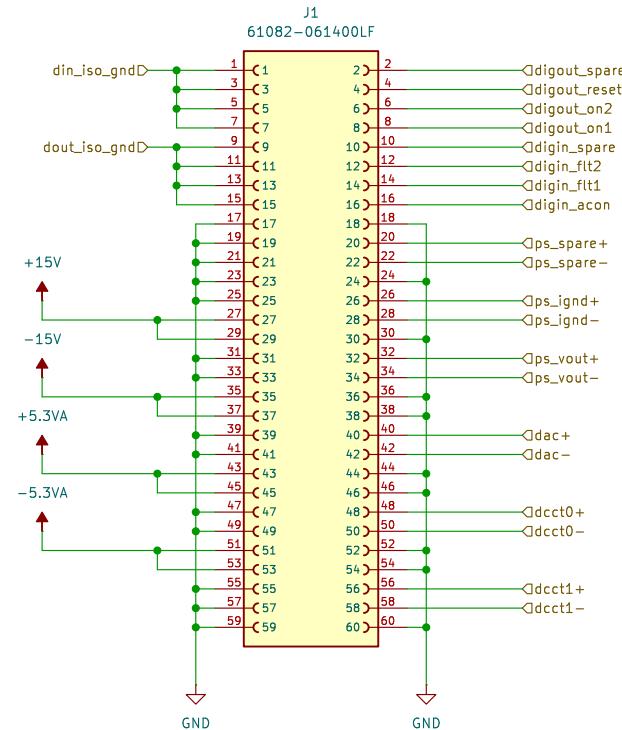
B

C

C

D

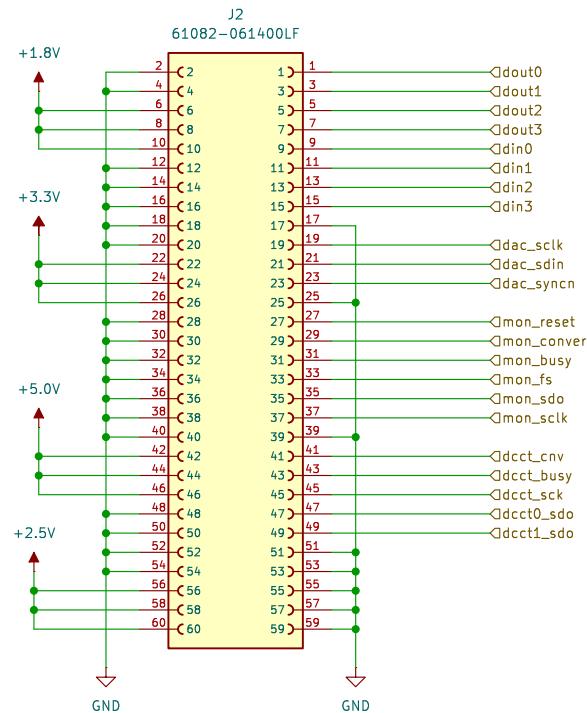
D



SHEET NAME: PS connector

NSLS-II
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

SIZE		DRAWING NUMBER:			REV.
Q.A. CATEGORY	A3	SCALE:	N.A.	WEIGHT:	N.A.
					SHEET 10 OF 16



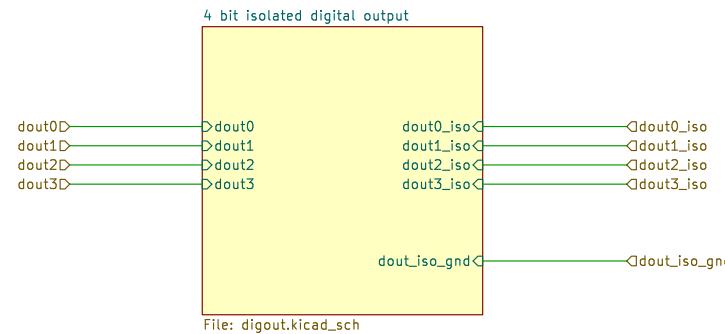
SHEET NAME: FPGA connector

NSLS-II
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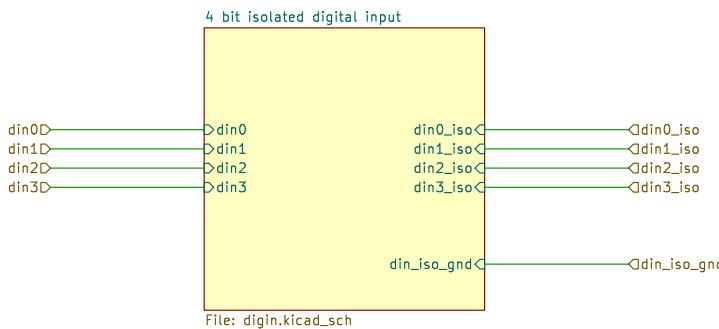
SIZE		DRAWING NUMBER:			REV.
Q.A. CATEGORY	A3	SCALE	N.A.	WEIGHT	N.A.
					SHEET 12 OF 16

1 2 3 4 5 6

A



B



C

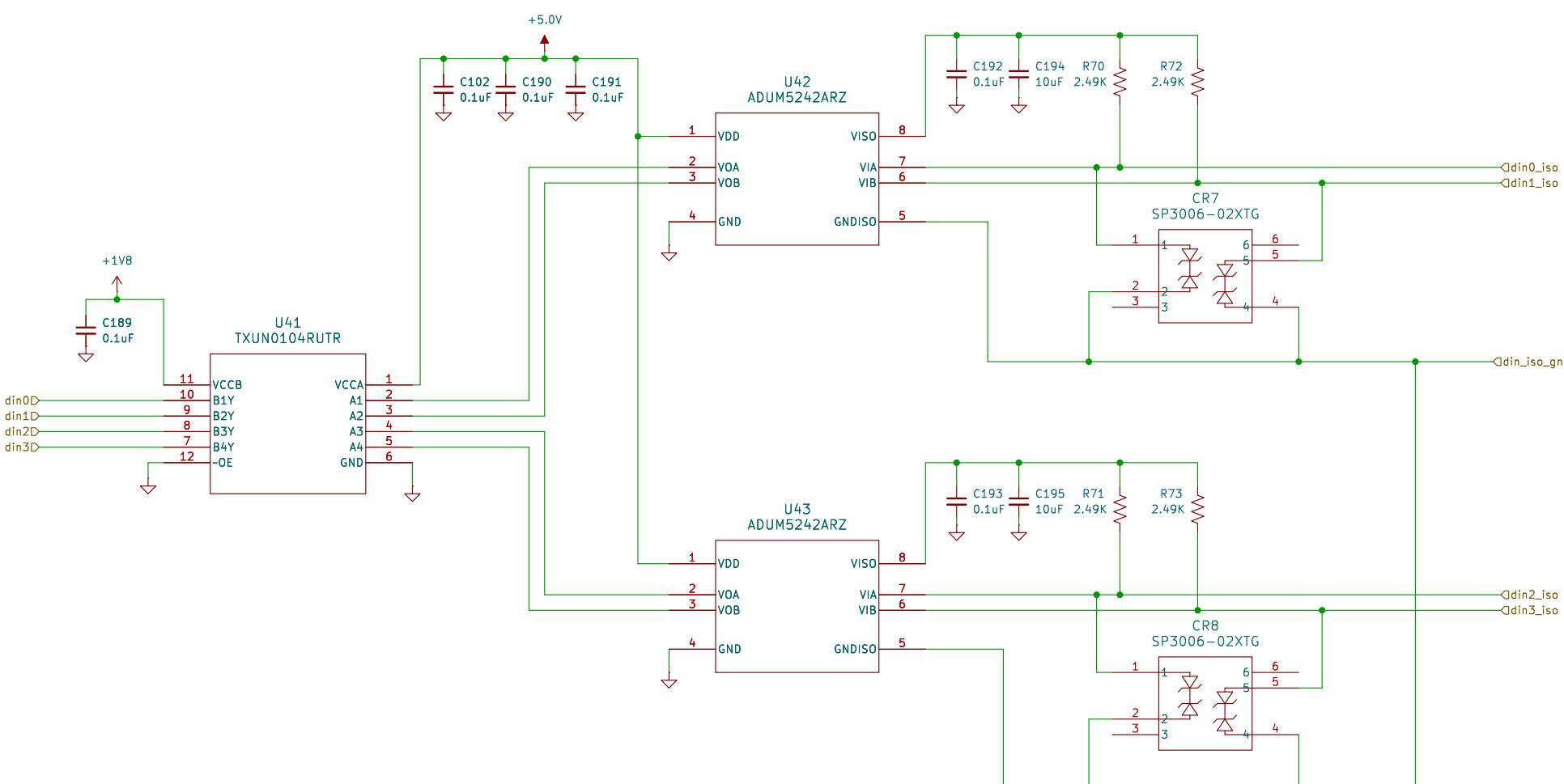
D

SHEET NAME: Isolated Digital IO

NSLS-II
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

Q.A. CATEGORY	A3	SCALE:	N.A.	WEIGHT:	N.A.	REV.
						SHEET 15 OF 16

1 2 3 4 5 6



SHEET NAME: 4 bit isolated digital input

NSLS-II
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UPTON, N.Y. 11793

SIZE		DRAWING NUMBER:			REV.
A4					
Q.A. CATEGORY	A3	SCALE	N.A.	WEIGHT	N.A.
					SHEET 16 OF 16

