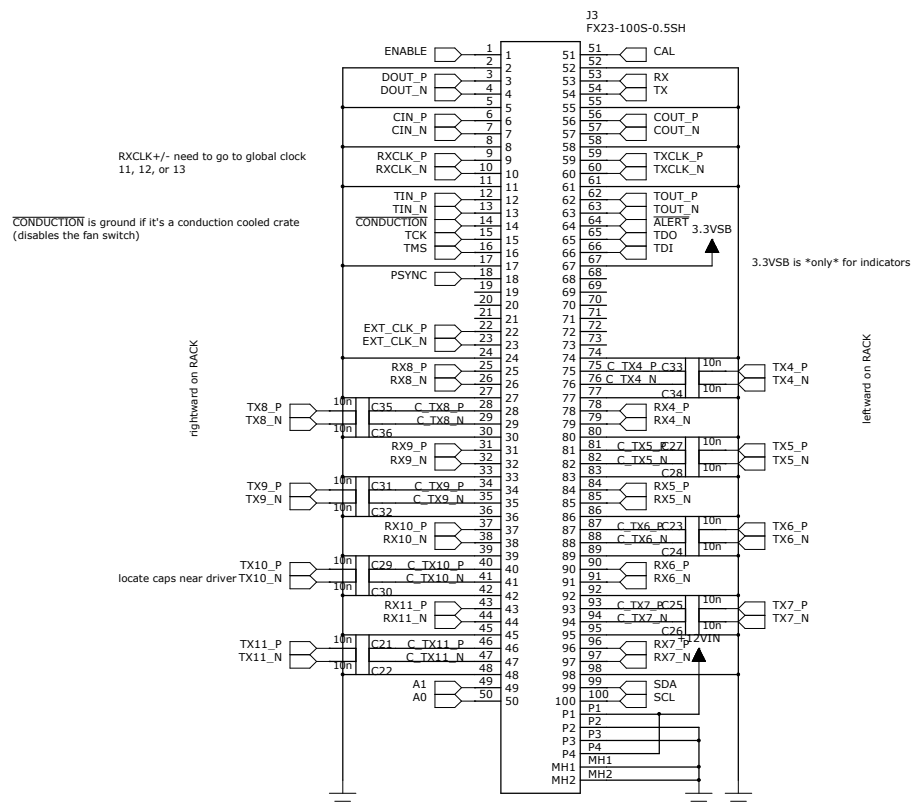






REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

Horizontally this switches left/right at the RACK  
(so connecting 25->75 goes right, 75->25 goes left)



RXCLK+/- need to go to global clock  
11, 12, or 13

CONDUCTION is ground if it's a conduction cooled crate  
(disables the fan switch)

3.3VSB is *\*only\** for indicators

ightward on RACK

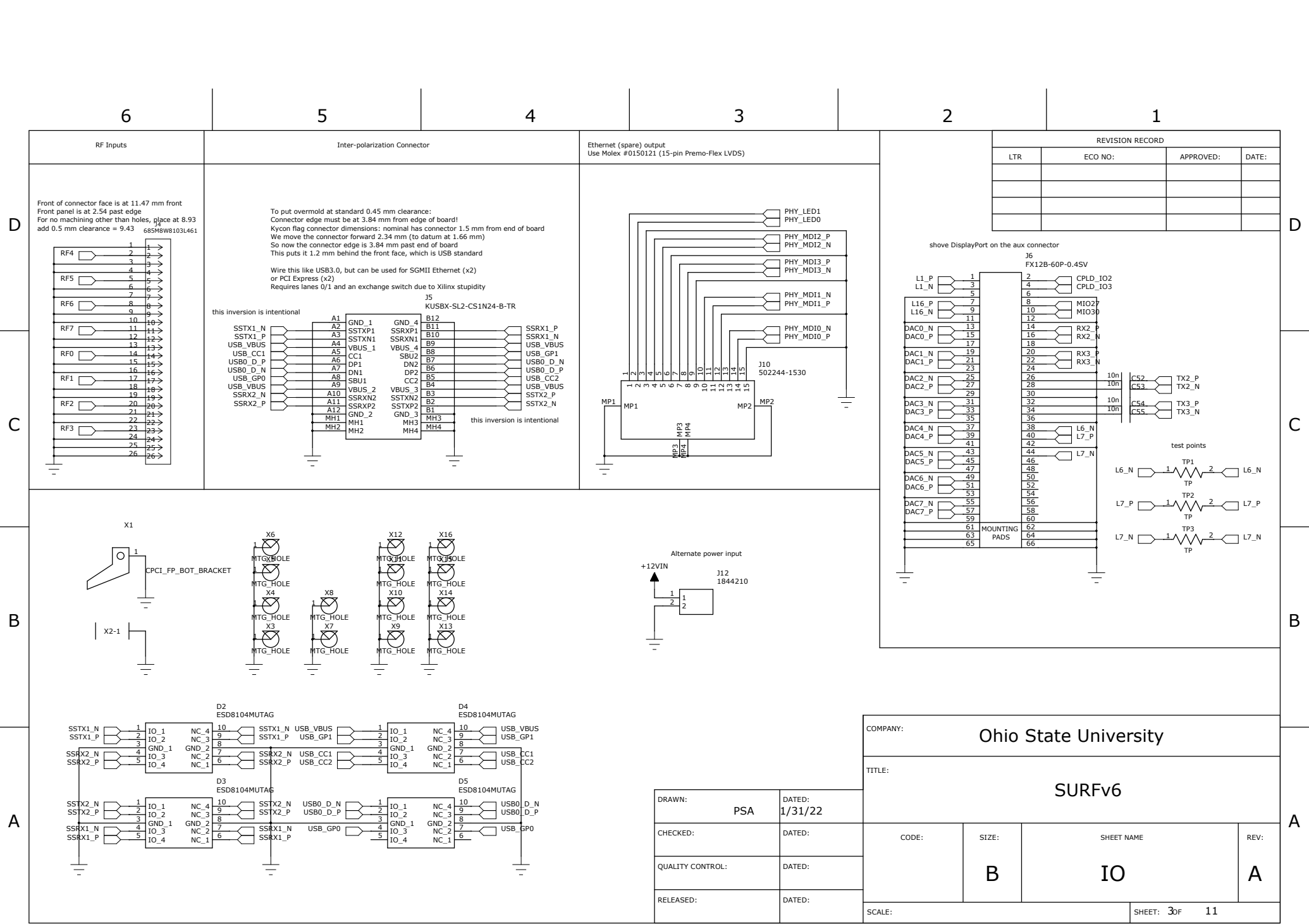
leftward on RACK

locate caps near

Use 1 and 4 for +12V  
and 2 and 3 for GND  
This way accidental attempted reverse insertion can't do anything

DRAWN:  PSA	DATED: 1/31/22
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:

COMPANY:		Ohio State University	
TITLE:		SURFv6	
CODE:	SIZE:	SHEET NAME	REV:
	B	RACKBUS	A
SCALE:		SHEET: 20F	11



D

C

B

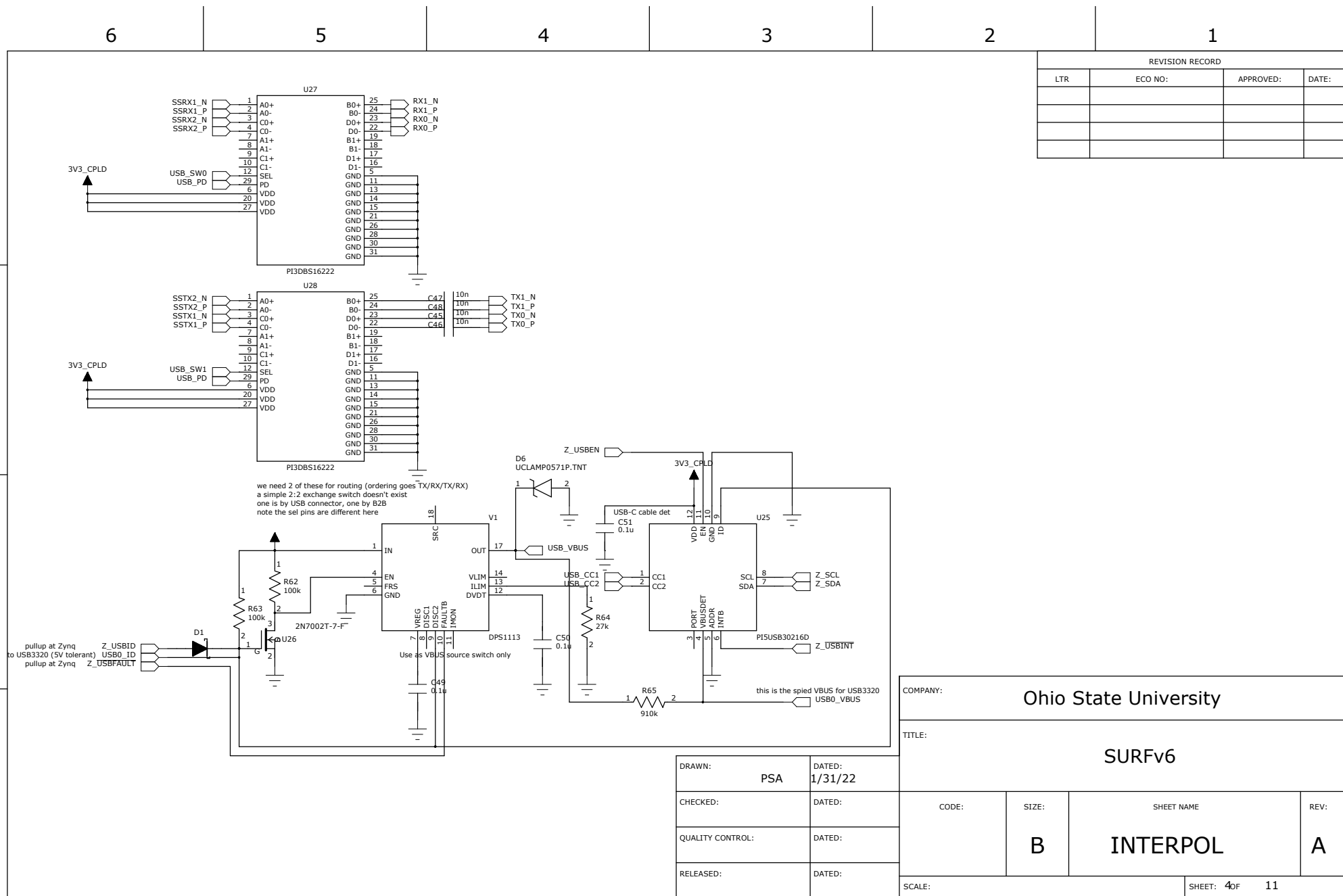
A

D

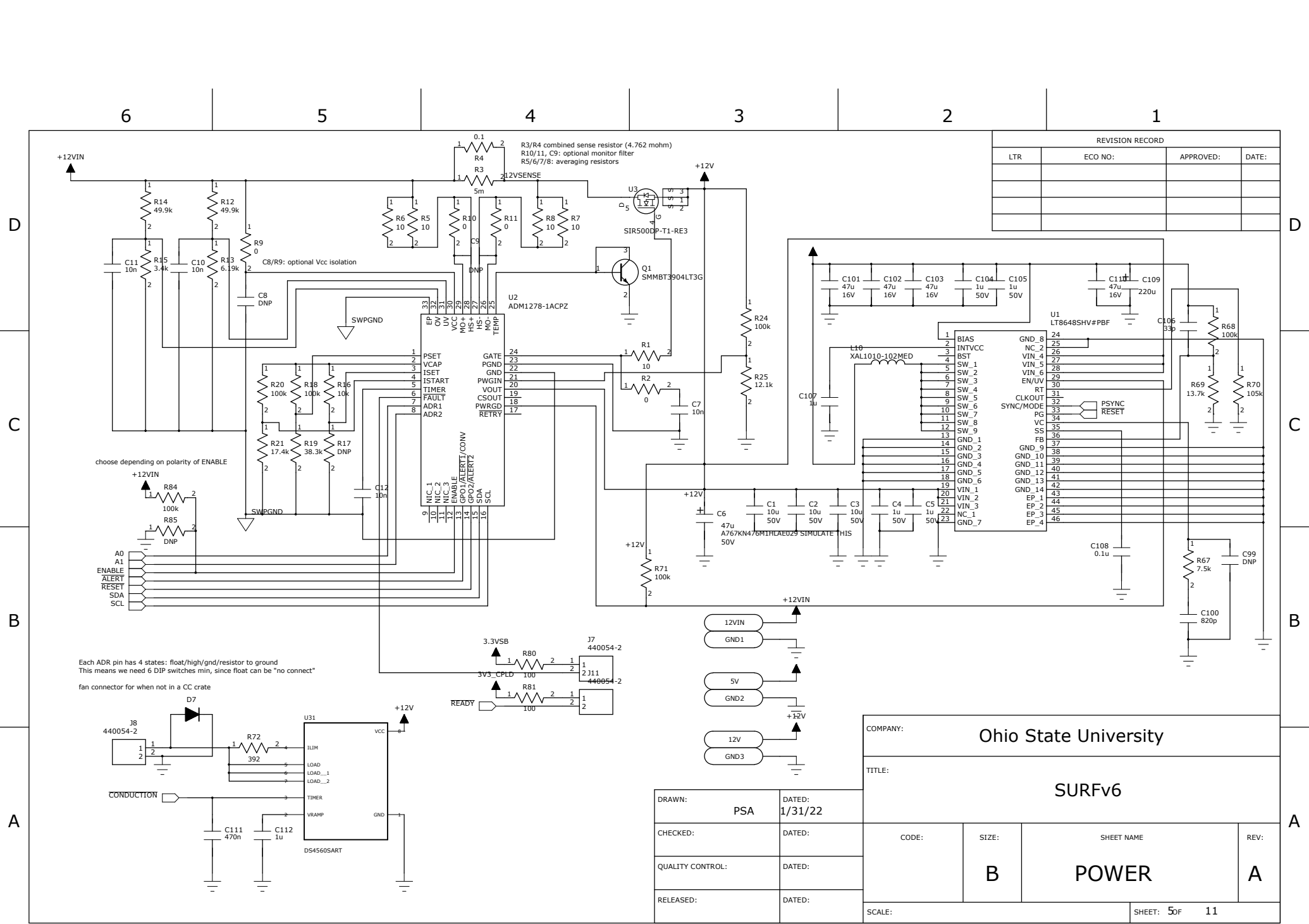
C

B

A



COMPANY:				Ohio State University			
TITLE:				SURFv6			
CODE:		SIZE:		SHEET NAME		REV:	
		B		INTERPOL		A	
SCALE:				SHEET: 4 of 11			



D

C

B

A

6

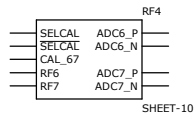
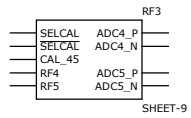
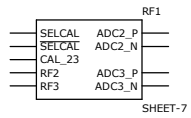
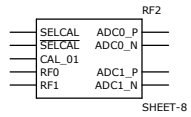
5

4

3

2

1



REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

D

C

B

A

DRAWN: PSA		DATED: 1/31/22		COMPANY: Ohio State University			
CHECKED:		DATED:		TITLE: SURFv6			
QUALITY CONTROL:		DATED:		CODE:	SIZE: B	SHEET NAME RF_CHAIN	REV: A
RELEASED:		DATED:					
				SCALE:		SHEET: 6 of 11	

6

5

4

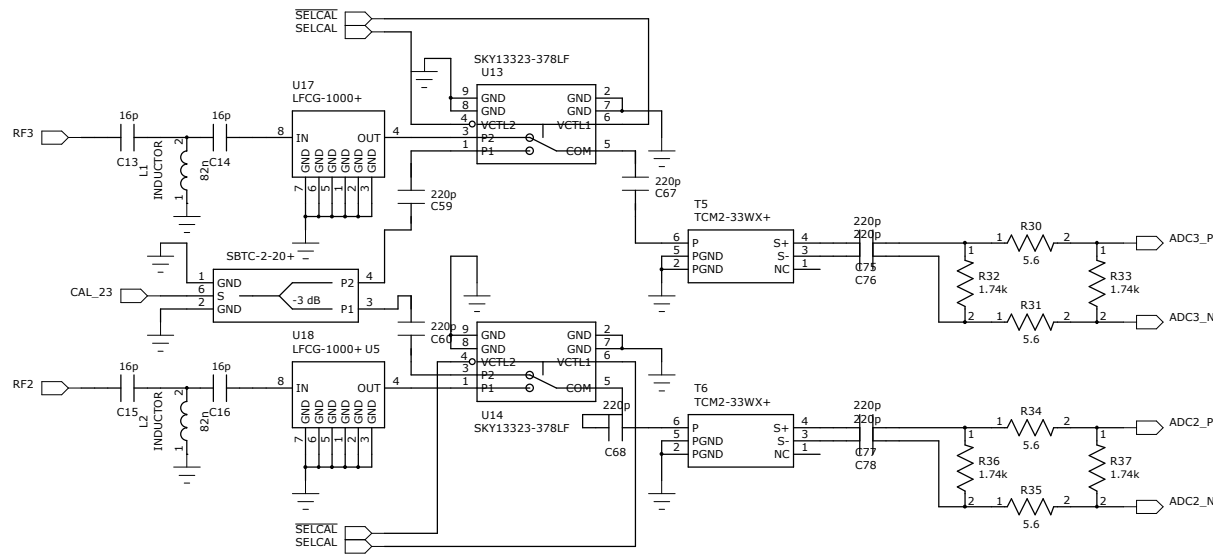
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2

1

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

Switch inputs are flipped for routing



COMPANY:				Ohio State University	
TITLE:					
SURFv6					
CODE:		SIZE:	SHEET NAME		REV:
B		RF1	A		
SCALE:				SHEET: 7 of 11	

6

5

4

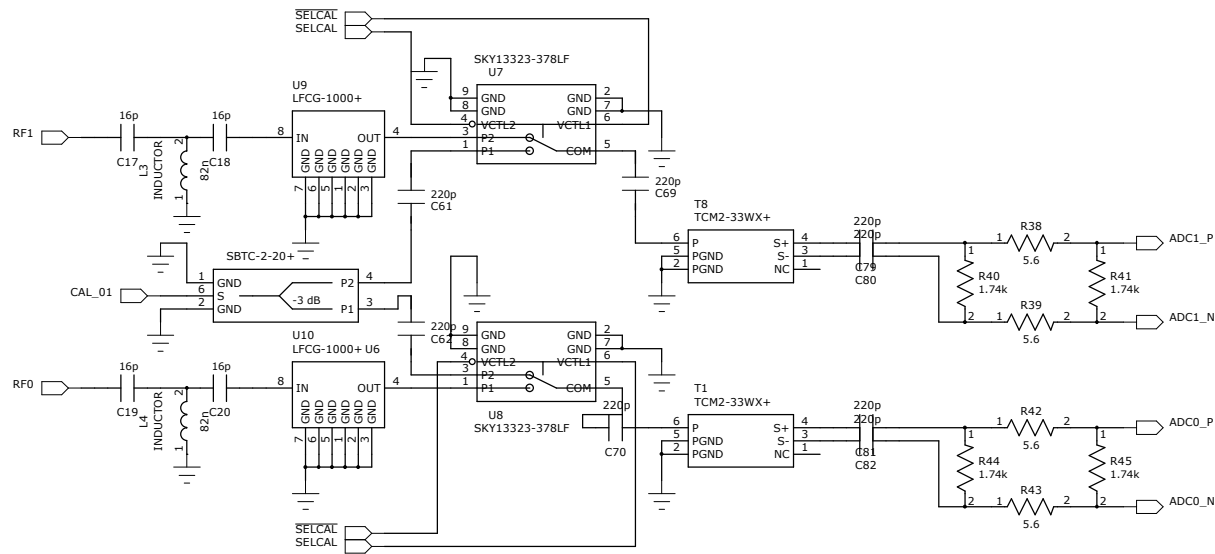
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2

1

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

Switch inputs are flipped for routing



COMPANY:				Ohio State University	
TITLE:					
SURFv6					
CODE:		SIZE:	SHEET NAME		REV:
B		RF2	A		
SCALE:				SHEET: 8 of 11	



6

5

4

3

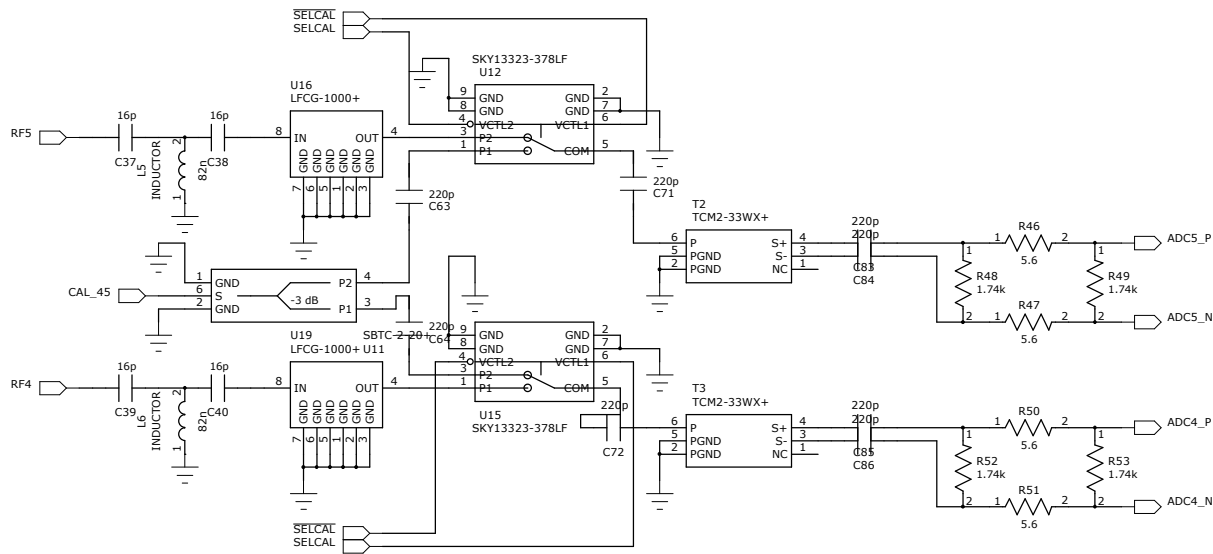
2

1

## REVISION RECORD

LTR	ECO NO:	APPROVED:	DATE:

Switch inputs are flipped for routing



COMPANY: Ohio State University

TITLE: SURFv6

DRAWN: PSA  
DATED: 1/31/22

CHECKED: DATED:

QUALITY CONTROL: DATED:

RELEASED: DATED:

CODE:	SIZE: B	SHEET NAME: RF3	REV: A
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SCALE: SHEET: 9 of 11

6

5

4

3

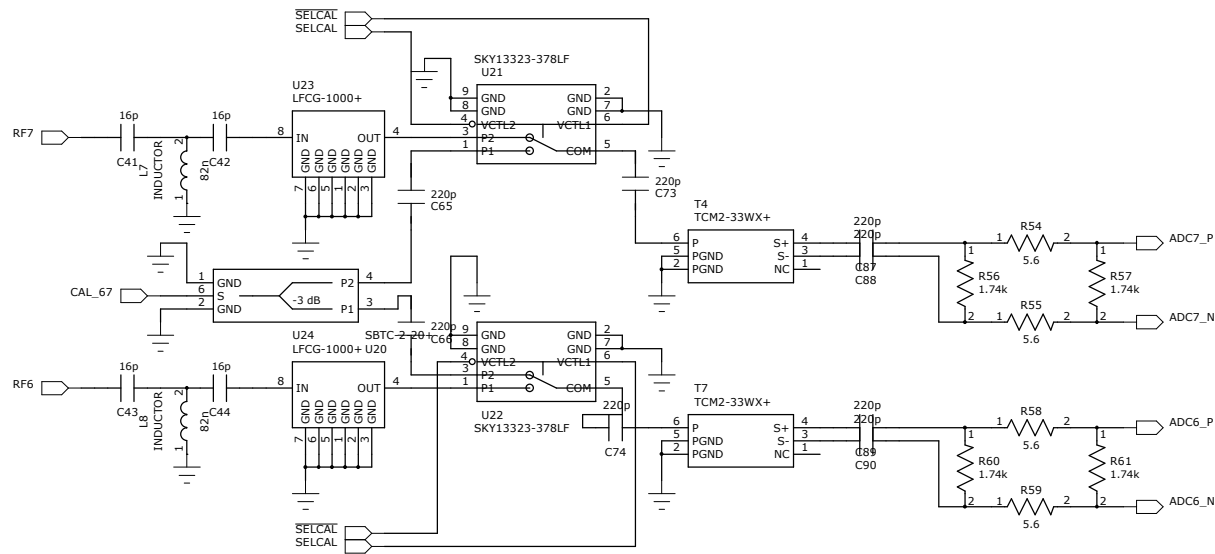
2

1

## REVISION RECORD

LTR	ECO NO:	APPROVED:	DATE:

Switch inputs are flipped for routing



COMPANY:				Ohio State University							
TITLE:				SURFv6							
DRAWN:		DATED:		CODE:		SIZE:		SHEET NAME		REV:	
PSA		1/31/22				B		RF4		A	
CHECKED:		DATED:									
QUALITY CONTROL:		DATED:									
RELEASED:		DATED:									
SCALE:								SHEET: 10 11			

