

6

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4

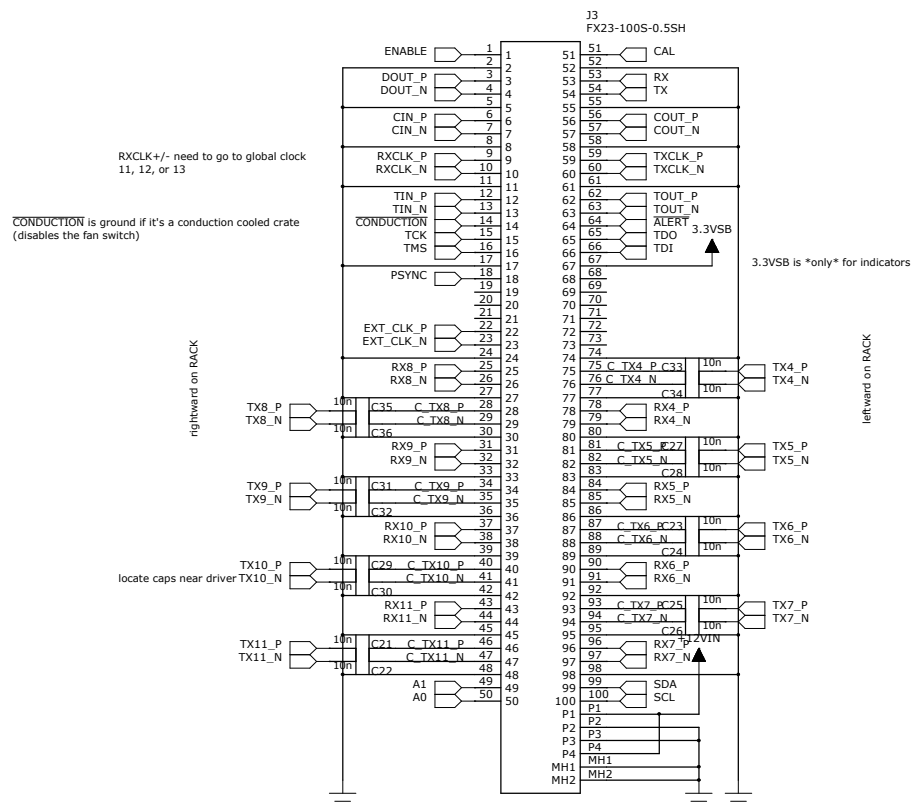
3

2

1

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)

rightward on RACK

leftward on RACK

locate caps near driver TX10_N

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

COMPANY:				Ohio State University							
TITLE:				SURFv6							
DRAWN:		DATED:		CODE:		SIZE:		SHEET NAME		REV:	
CHECKED:		DATED:		B		RACKBUS		A			
QUALITY CONTROL:		DATED:									
RELEASED:		DATED:									
SCALE:				SHEET: 2 of 11							

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

D

C

B

A

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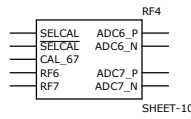
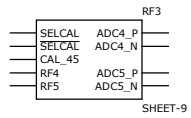
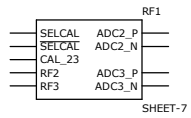
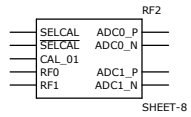
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2

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

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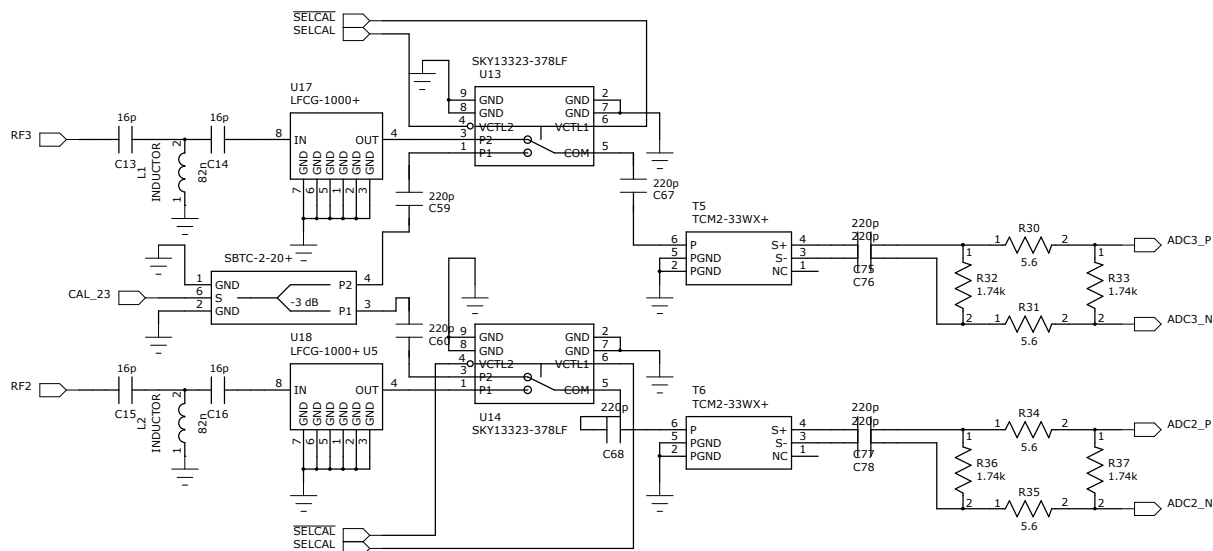
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REVISION RECORD

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:

SHEET NAME

REV:

B

RF1

A

SCALE:

SHEET: 7 of 11

6

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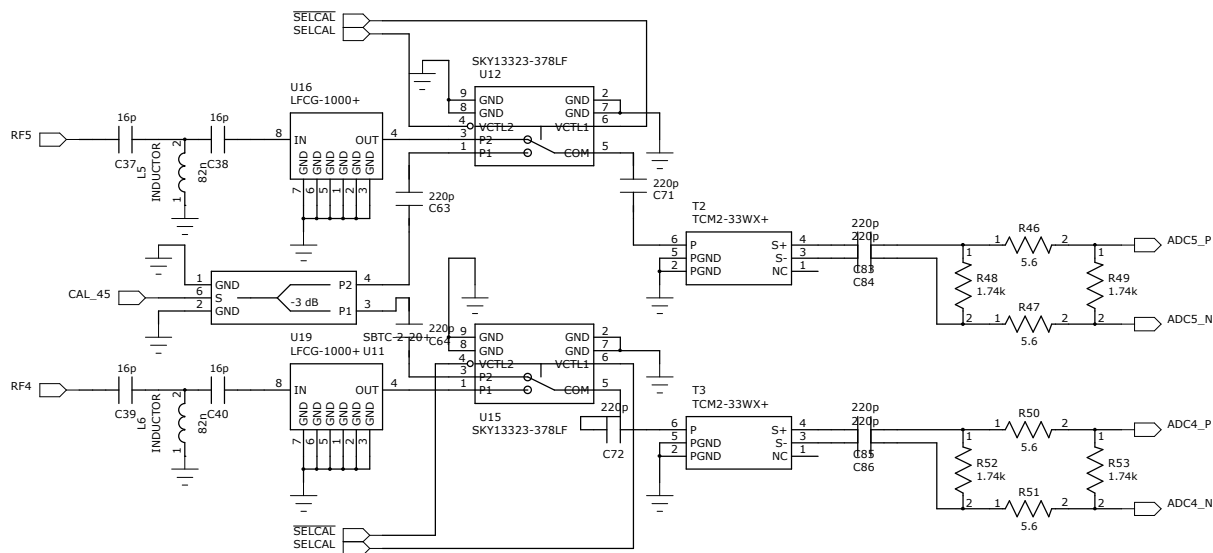
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1

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:

SHEET NAME

REV:

B

RF3

A

SCALE:

SHEET: 9 of 11

6

5

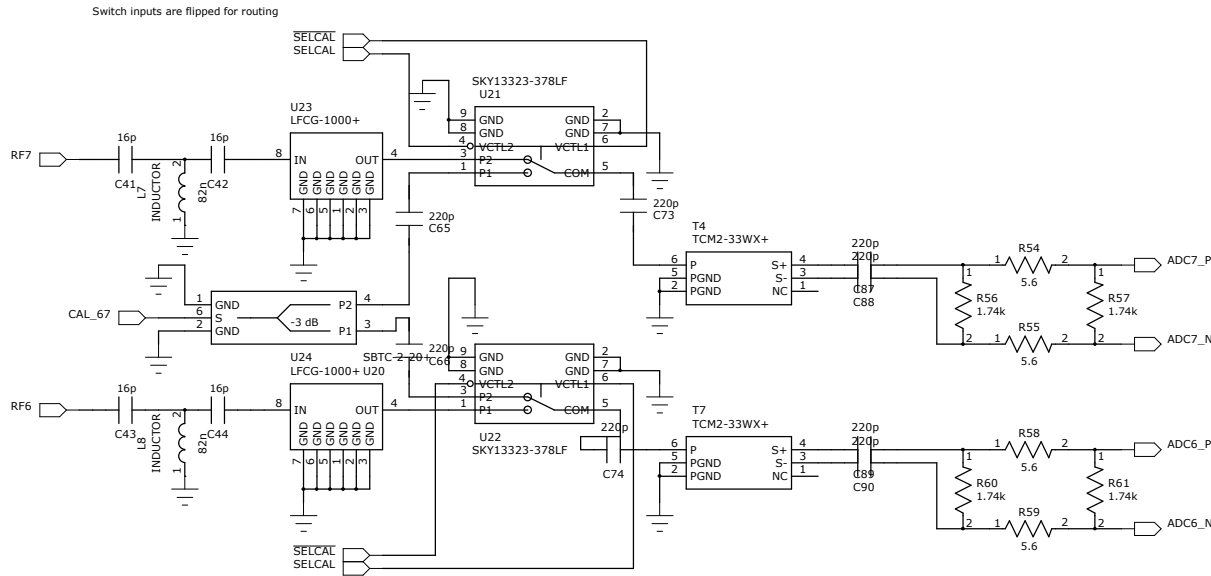
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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



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

D

C

B

A

D

C

B

A

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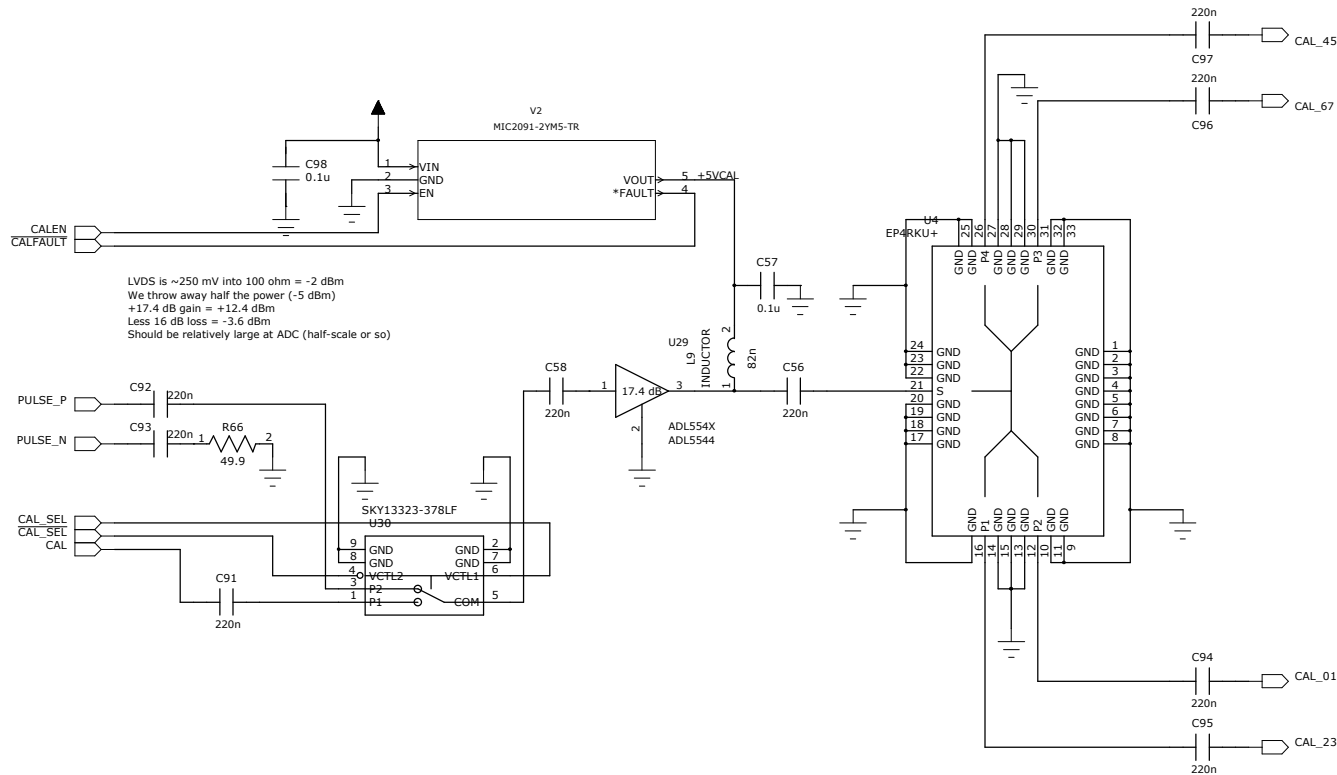
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2

1



REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

COMPANY:				Ohio State University			
TITLE:				SURFv6			
CODE:		SIZE:		SHEET NAME		REV:	
B		CAL		A			
SCALE:				SHEET: 1 of 11			