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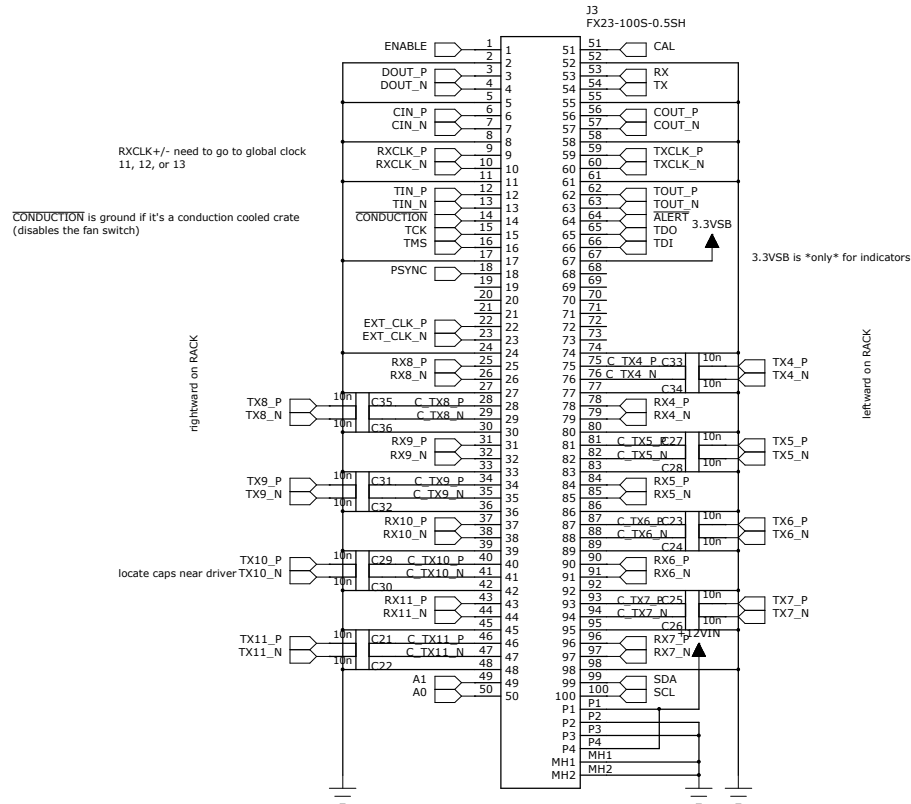
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REVISION RECORD

| LTR | ECO NO: | APPROVED: | DATE: |
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Horizontally this switches left/right at the RACK
(so connecting 25->75 goes right, 75->25 goes left)



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

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|------------------|--|---------|--|-----------------------|--|-------|--|----------------|--|------|--|
| COMPANY: | | | | Ohio State University | | | | | | | |
| TITLE: | | | | SURFv6 | | | | | | | |
| DRAWN: | | DATED: | | CODE: | | SIZE: | | SHEET NAME | | REV: | |
| PSA | | 1/31/22 | | | | B | | RACKBUS | | A | |
| CHECKED: | | DATED: | | | | | | | | | |
| QUALITY CONTROL: | | DATED: | | | | | | | | | |
| RELEASED: | | DATED: | | | | | | | | | |
| SCALE: | | | | | | | | SHEET: 2 of 12 | | | |

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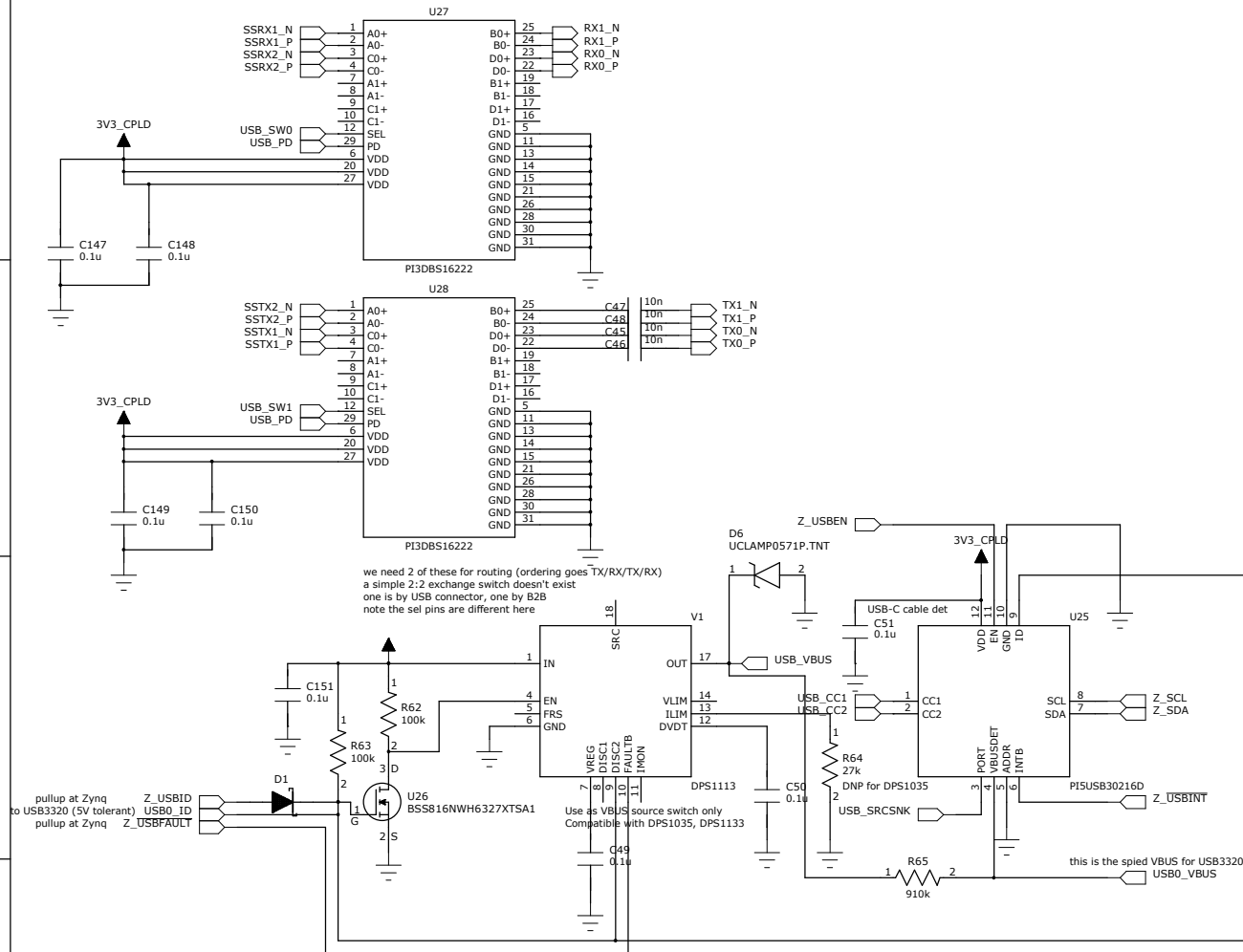
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REVISION RECORD

| LTR | ECO NO: | APPROVED: | DATE: |
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This is pin-compatible with:
FUSB303B
TUSB320

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|--------------------------------|-------|------------|----------------|
| COMPANY: Ohio State University | | | |
| TITLE: SURFv6 | | | |
| CODE: | SIZE: | SHEET NAME | REV: |
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| SCALE: | | | SHEET: 4 of 12 |

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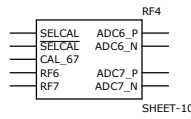
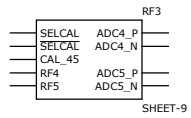
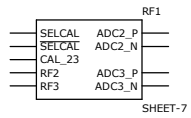
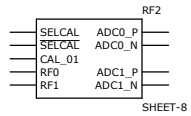
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| REVISION RECORD | | | |
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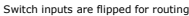
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| DRAWN: PSA | | DATED: 1/31/22 | | COMPANY: Ohio State University | | | |
| CHECKED: | | DATED: | | TITLE: SURFv6 | | | |
| QUALITY CONTROL: | | DATED: | | CODE: | SIZE: B | SHEET NAME RF_CHAIN | REV: A |
| RELEASED: | | DATED: | | | | | |
| SCALE: | | | | | | SHEET: 6 of 12 | |



| REVISION RECORD | | | |
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| COMPANY: | | | | Ohio State University | | | |
| TITLE: | | | | | | | |
| SURFv6 | | | | | | | |
| CODE: | | SIZE: | SHEET NAME | | | REV: | |
| B | | RF1 | A | | | A | |
| SCALE: | | | | | SHEET: 7 of 12 | | |

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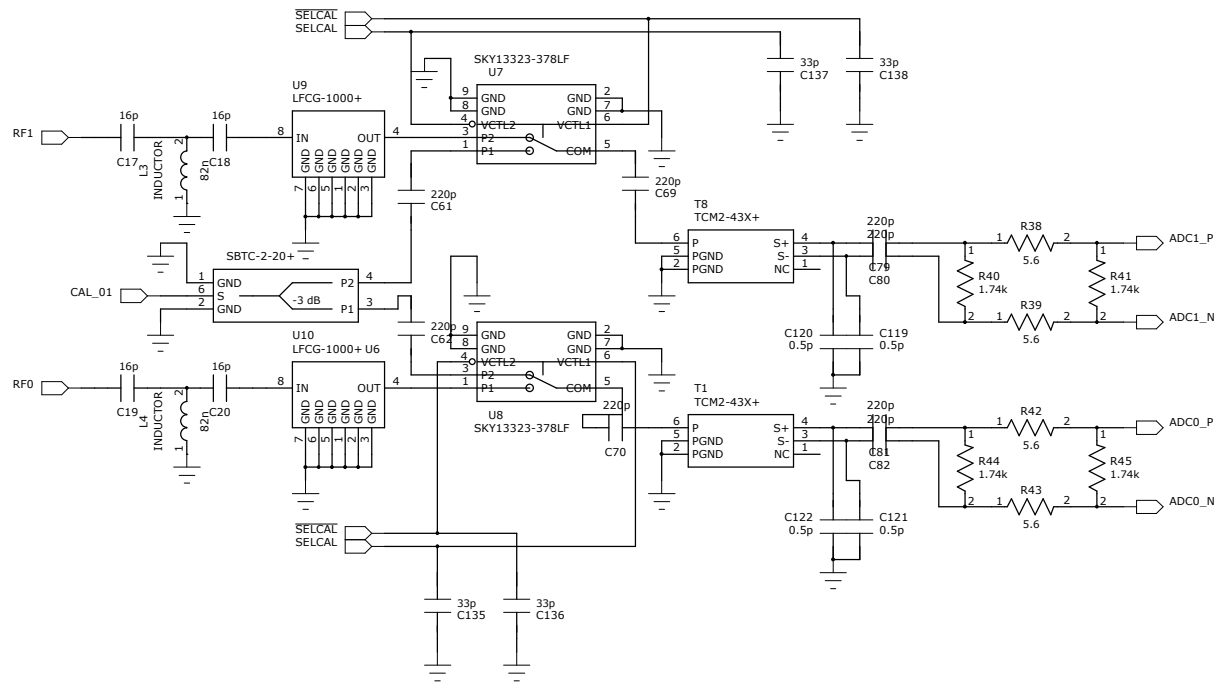
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REVISION RECORD

| LTR | ECO NO: | APPROVED: | DATE: |
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Switch inputs are flipped for routing



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|------------------|-----|-----------------------|---------|------------|
| COMPANY: | | Ohio State University | | |
| TITLE: | | SURFv6 | | |
| DRAWN: | PSA | DATED: | 1/31/22 | |
| CHECKED: | | DATED: | | |
| QUALITY CONTROL: | | DATED: | | |
| RELEASED: | | DATED: | | |
| SCALE: | | CODE: | SIZE: | SHEET NAME |
| | | | B | RF2 |
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| | | | | A |
| SHEET: 8 of 12 | | | | |

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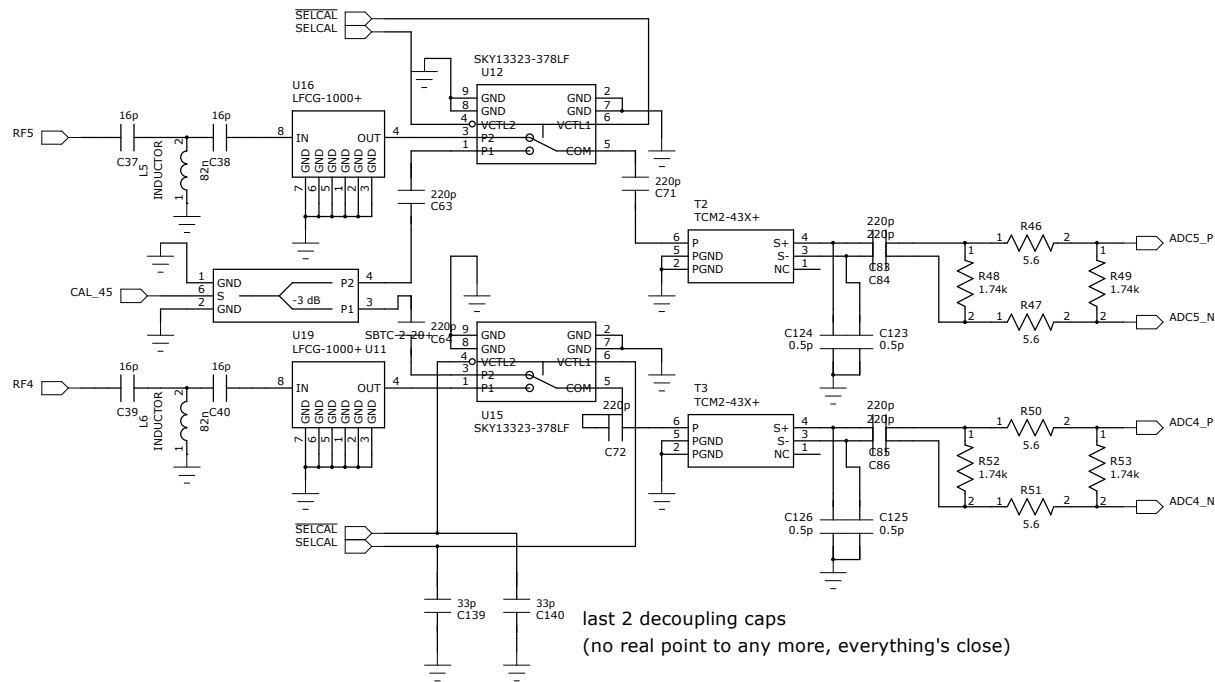
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REVISION RECORD

| LTR | ECO NO: | APPROVED: | DATE: |
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Switch inputs are flipped for routing



last 2 decoupling caps
(no real point to any more, everything's close)

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|----------|--|-------|--|-----------------------|--|------|--|
| COMPANY: | | | | Ohio State University | | | |
| TITLE: | | | | SURFv6 | | | |
| CODE: | | SIZE: | | SHEET NAME | | REV: | |
| | | B | | RF3 | | A | |
| SCALE: | | | | SHEET: 9 of 12 | | | |

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

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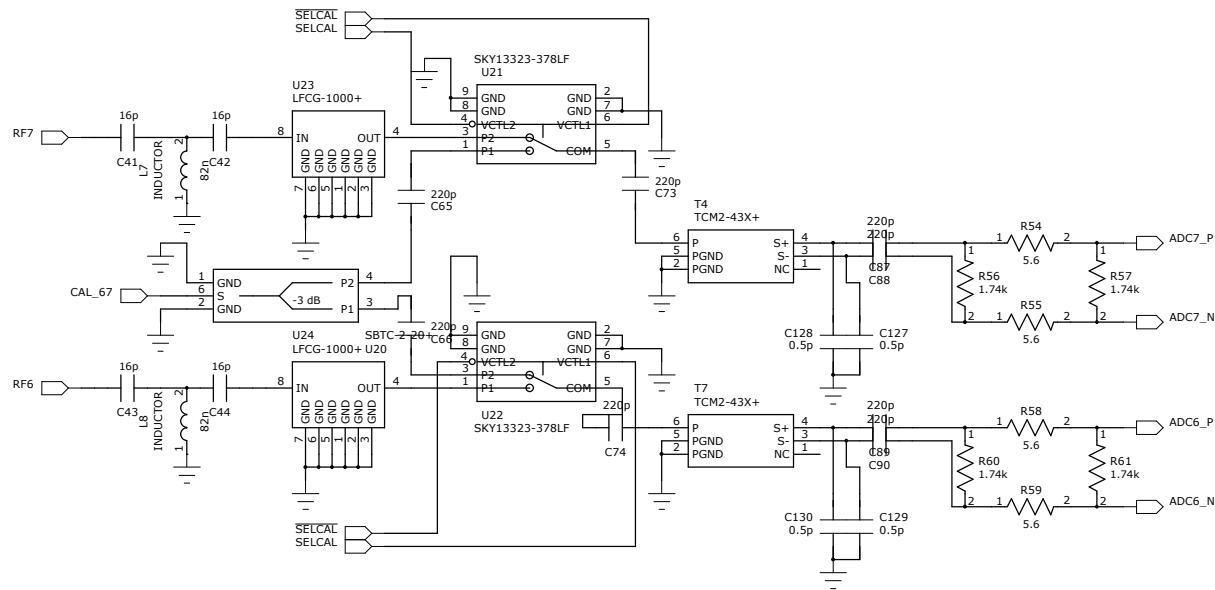
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REVISION RECORD

| LTR | ECO NO: | APPROVED: | DATE: |
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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

RF4

A

SCALE:

SHEET: 10 12

