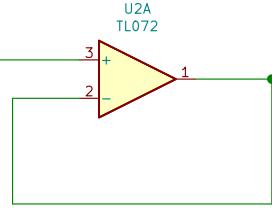


1 2 3 4 5 6

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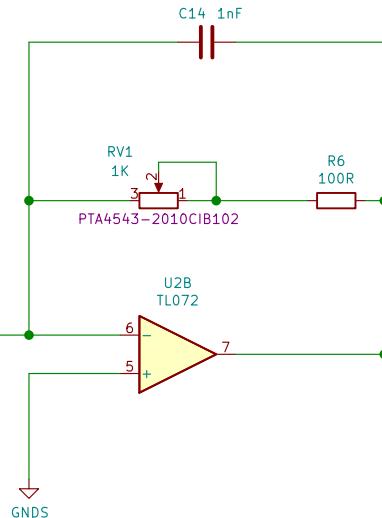
A

SIGNAL\_INPUT ▶ 3 + U2A TL072 1 ▶ SIGNAL\_OUTPUT ▶



if using RVf=10K use Rin=10K

R5  
1K



GNDS

C14  
1nF

RV1  
1K  
PTA4543-2010CIB102

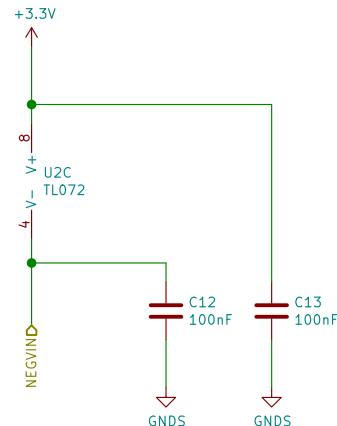
U2B  
TL072  
6 + 7 ▶

GNDS

◀ SIGNAL\_OUTPUT

B

B



+3.3V

v+ U2C  
TL072

v-

NEGIN ▶

◀

GNDS

◀

GNDS

◀

GNDS

C

C

D

D

Sheet: /InputBufferAndGain1/  
File: InputBufferAndGain.sch

Title:

Size: A4 Date:  
KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

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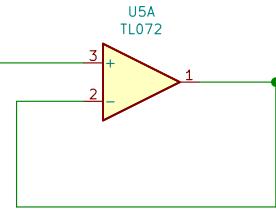
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1 2 3 4 5 6

A

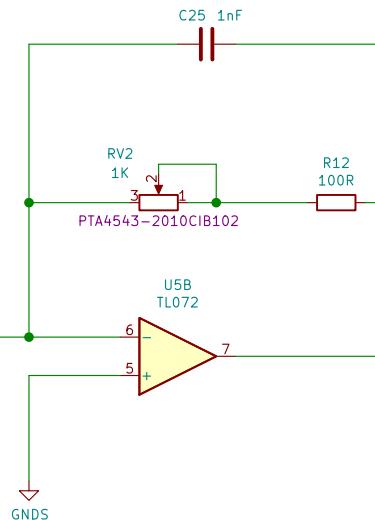
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SIGNAL\_INPUT ▶ 3 + U5A TL072 1 ▶ SIGNAL\_OUTPUT ▶



if using RVf=10K use Rin=10K

R11  
1K



PTA4543-2010CIB102

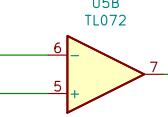
C25 1nF

RV2  
1K

3 1

2

R12  
100R



+3.3V

8

v<sup>+</sup>

U5C

TL072

4

v<sup>-</sup>

NEGVIN ▶

4

GNDS

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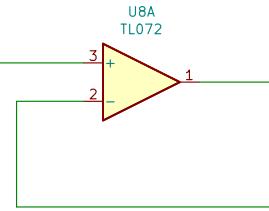
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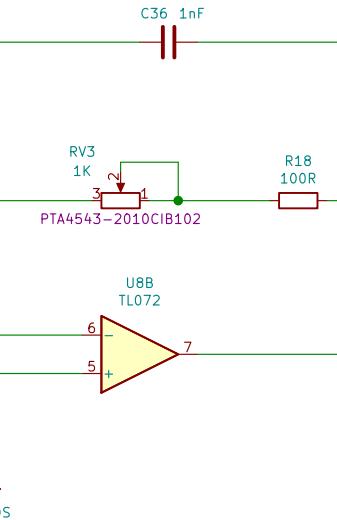
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SIGNAL\_INPUT



if using RVf=10K use Rin=10K

R17  
1K



SIGNAL\_OUTPUT

GNDS

B

B

+3.3V

v<sub>+</sub>

v<sub>-</sub>

NEGVIN

4

8

v<sub>+</sub>

v<sub>-</sub>

NEGVIN

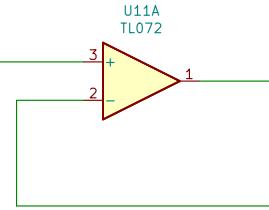
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1 2 3 4 5 6

A

A

SIGNAL\_INPUT



if using RVf=10K use Rin=10K

R23

1K

C47

1nF

RV4  
1K  
PTA4543-2010CIB102

R24

100R

U11B

TL072

SIGNAL\_OUTPUT

B

B

GND

GND

+3.3V

U11C

TL072

V+

V-

NEGINP

8

4

GND

GND

GND

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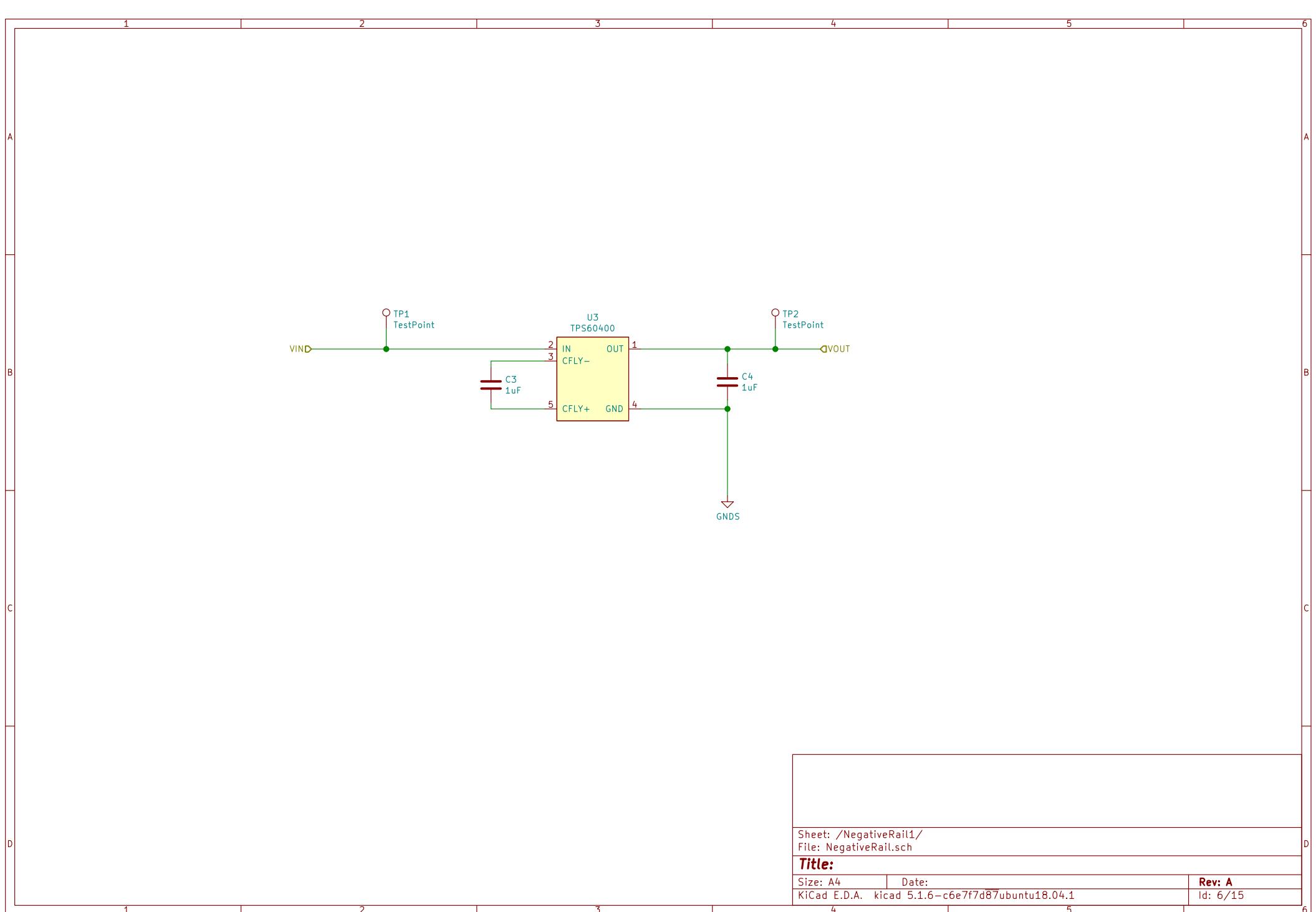
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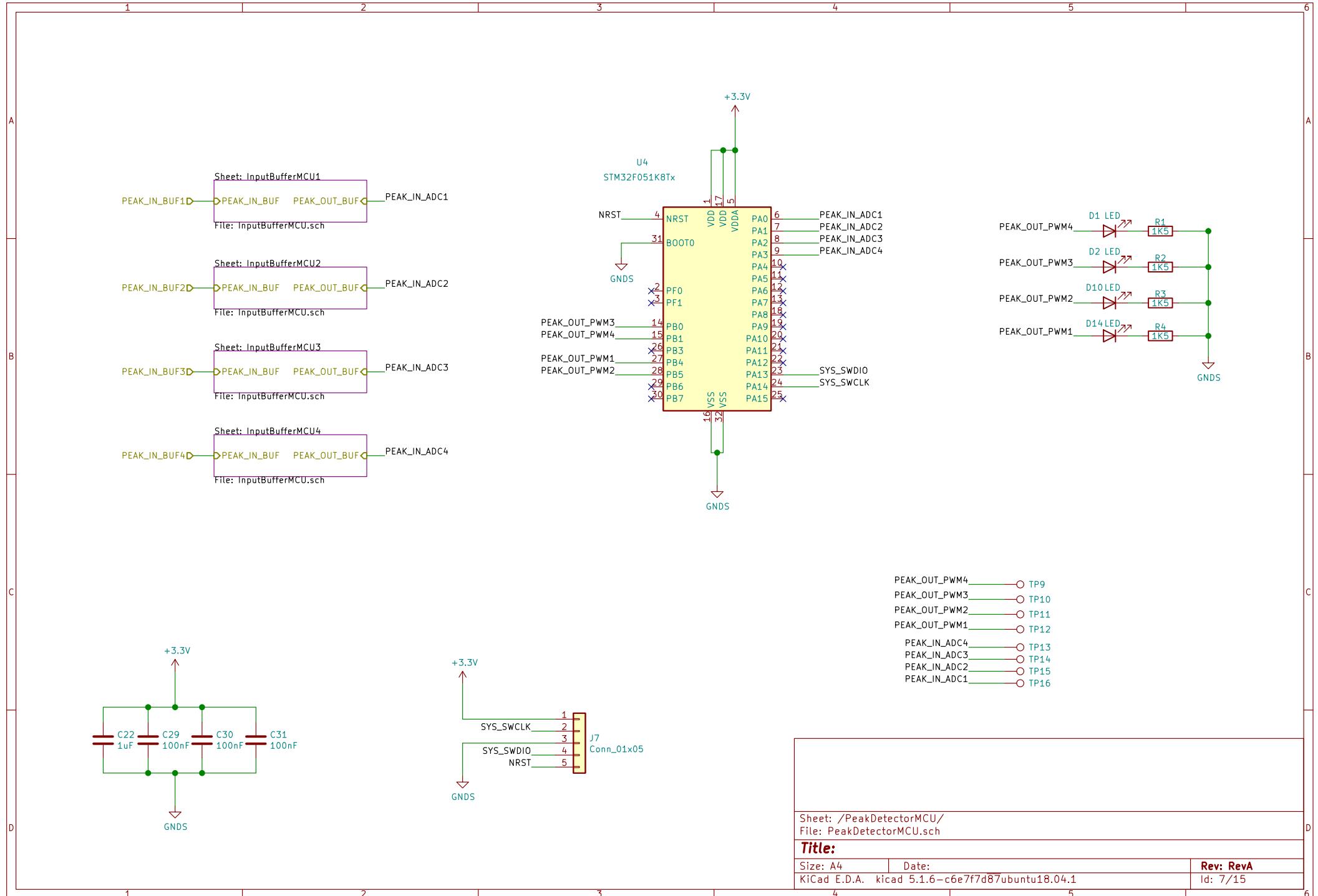
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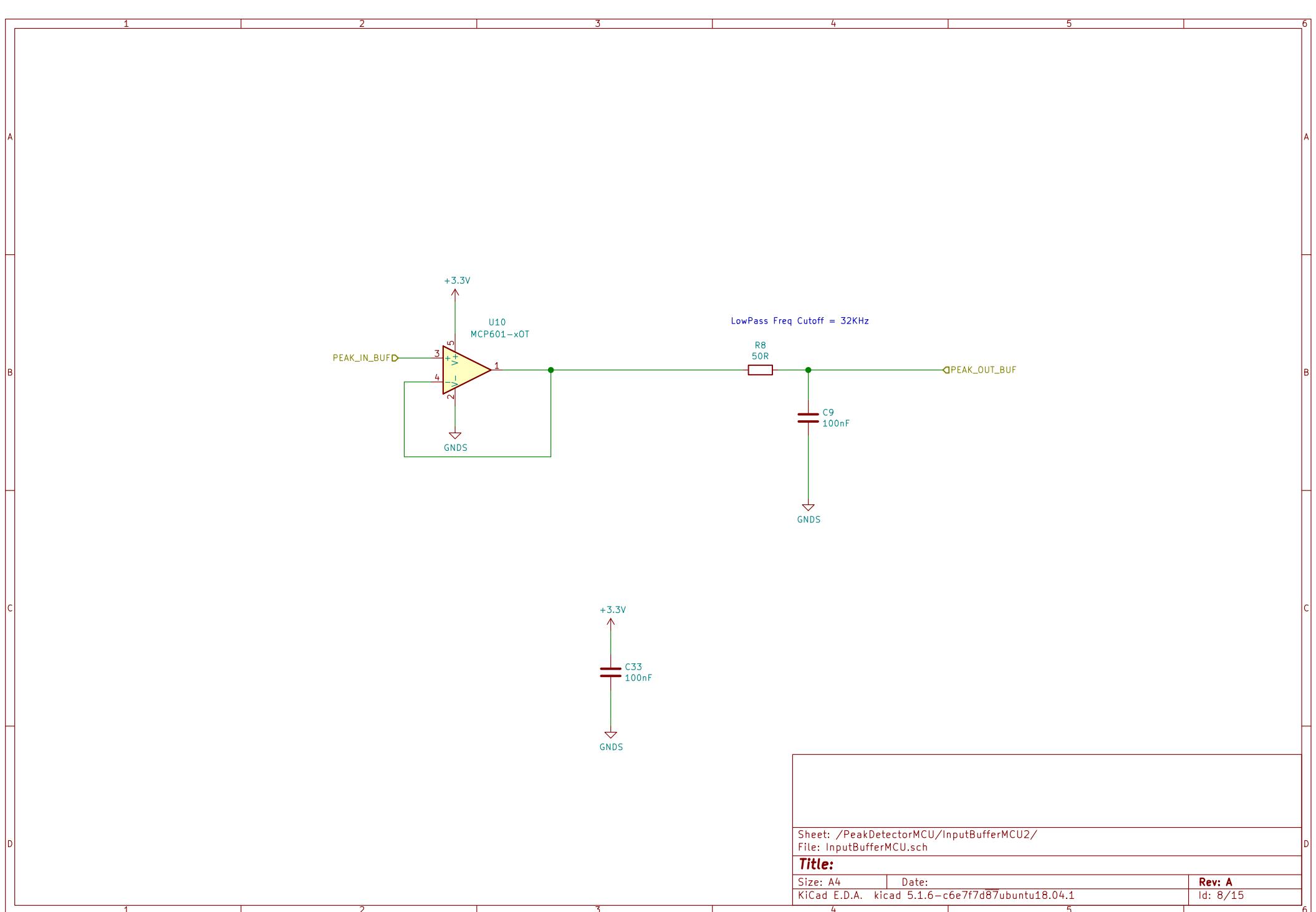
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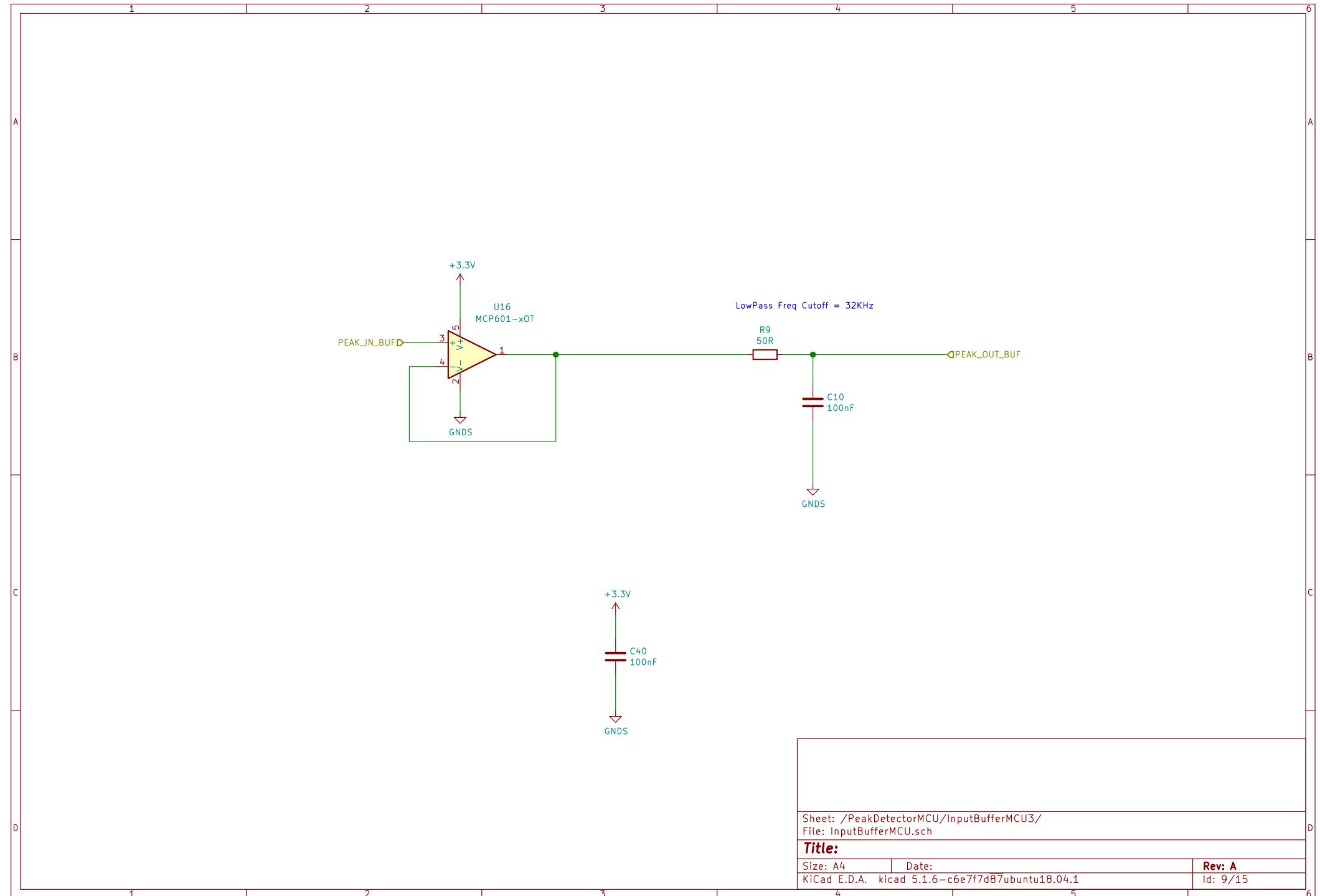




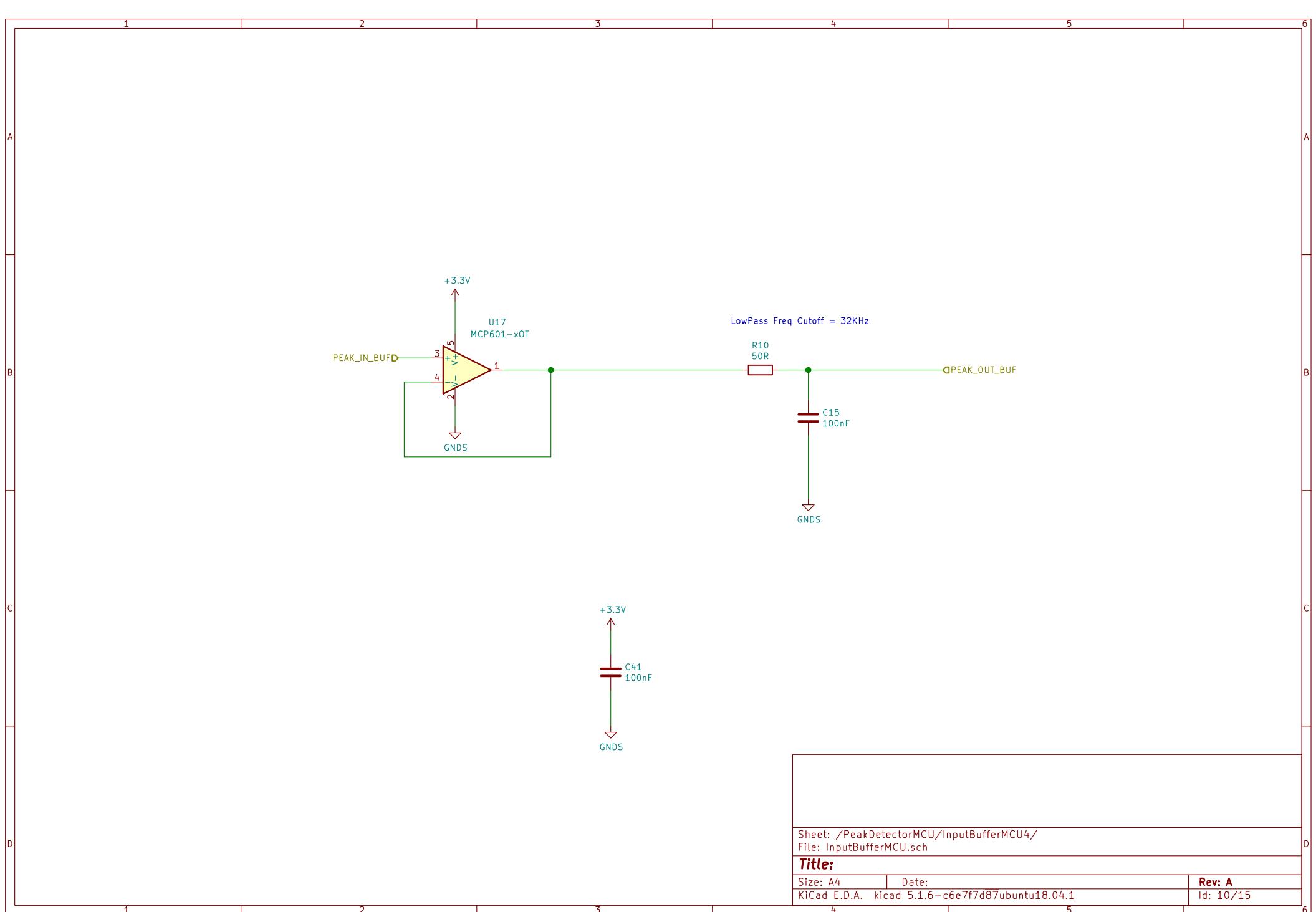
1 2 3 4 5 6



1 2 3 4 5 6



1 2 3 4 5 6



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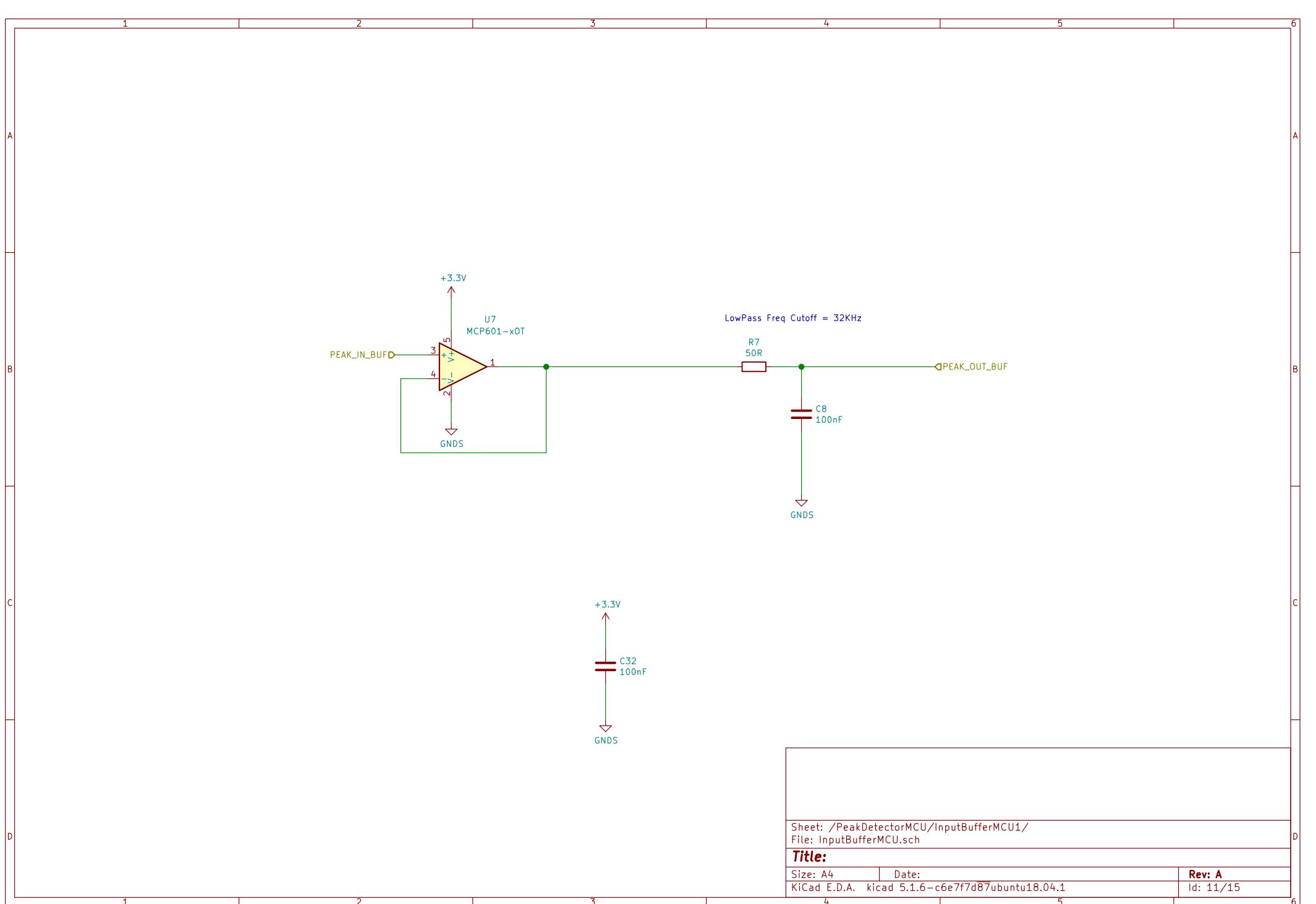
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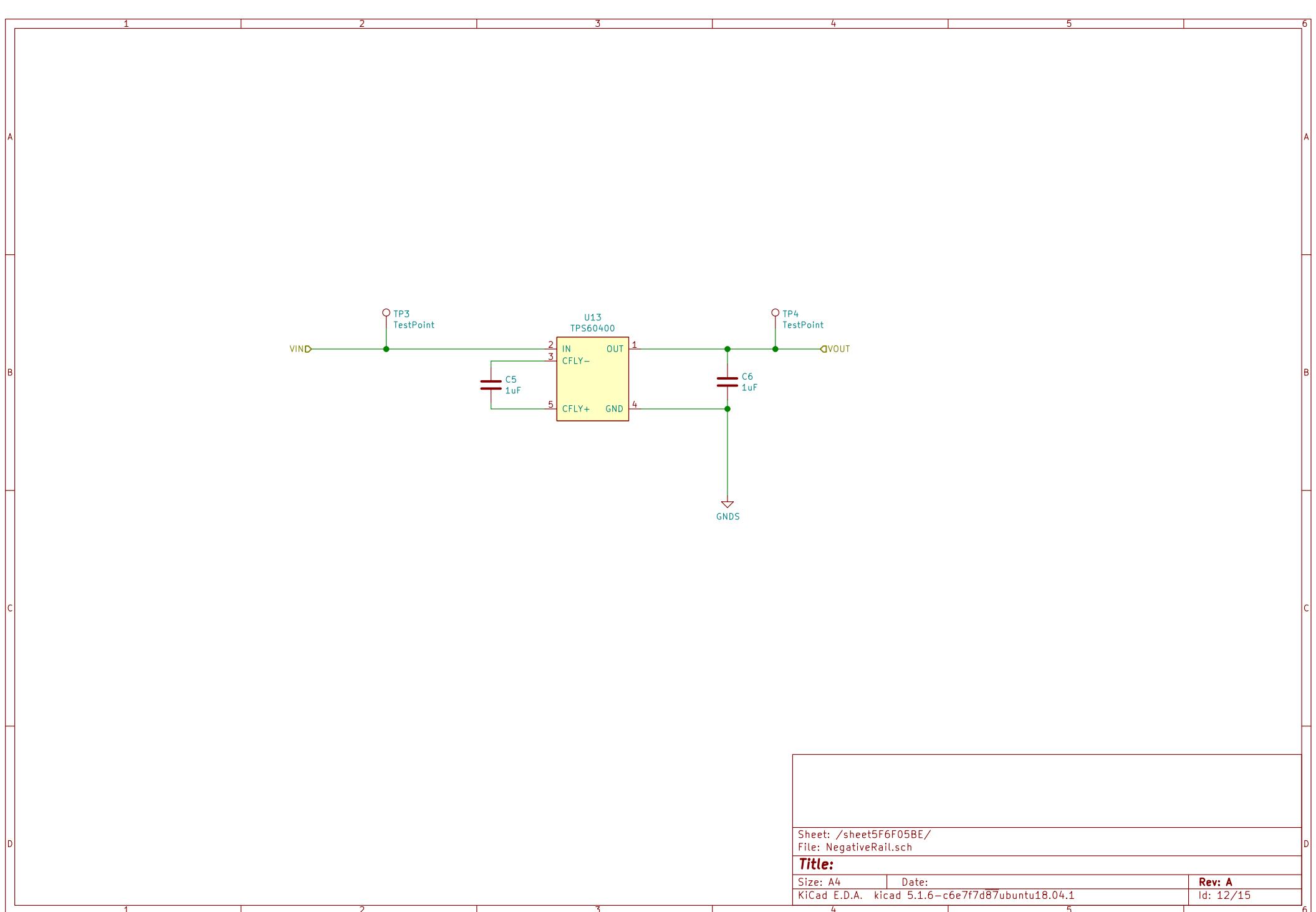
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1 2 3 4 5 6

1 2 3 4 5 6



1 2 3 4 5 6

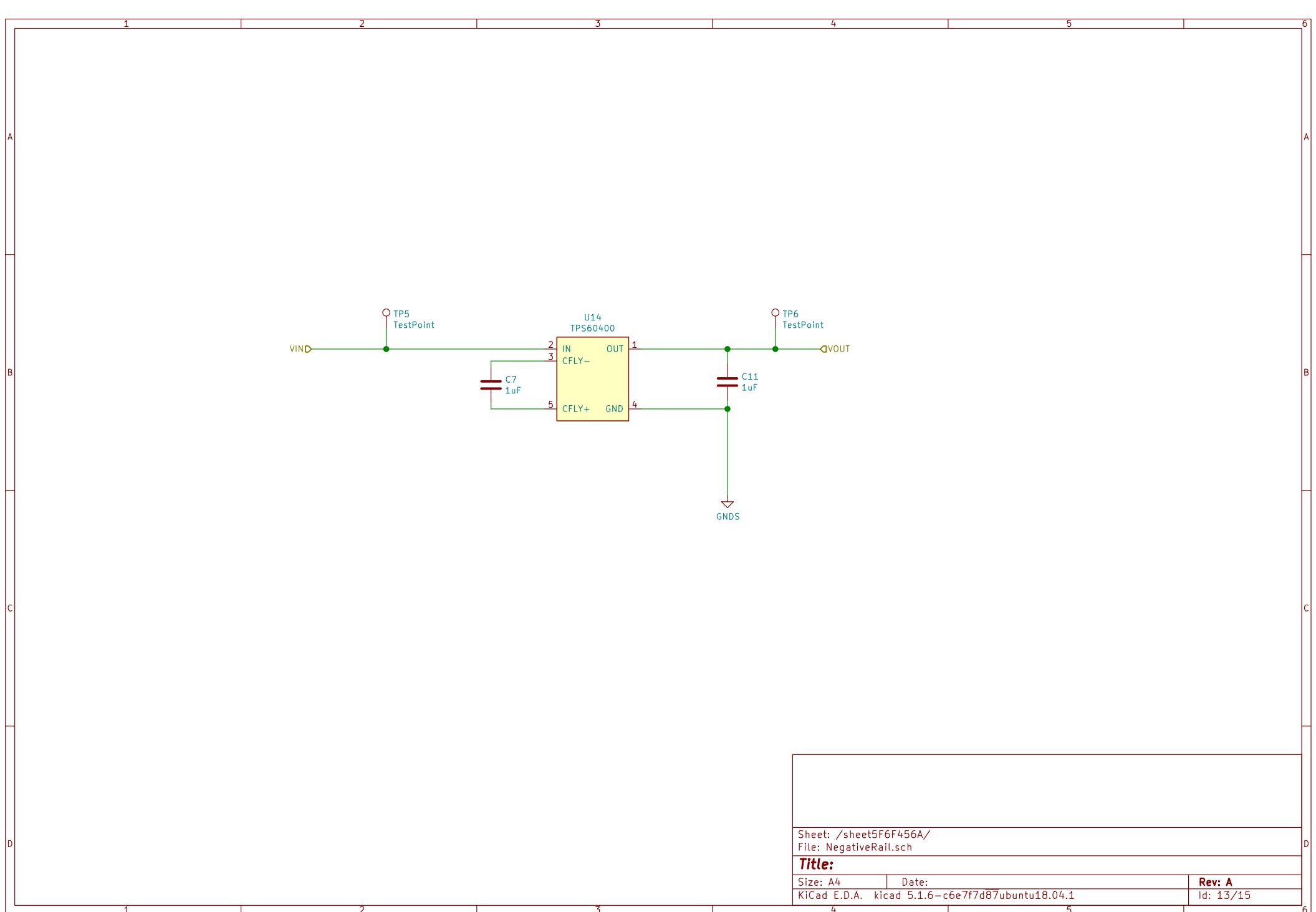


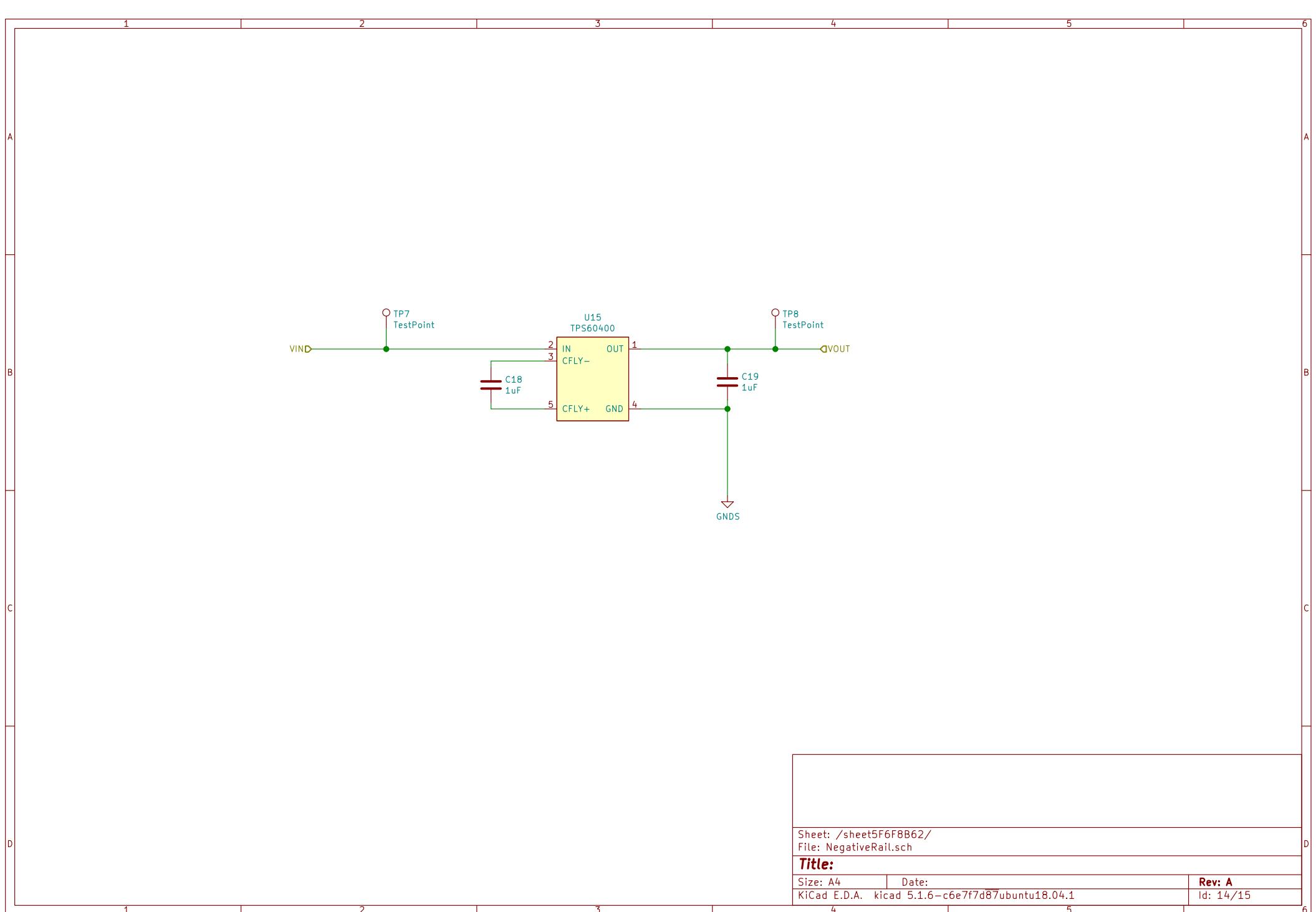
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