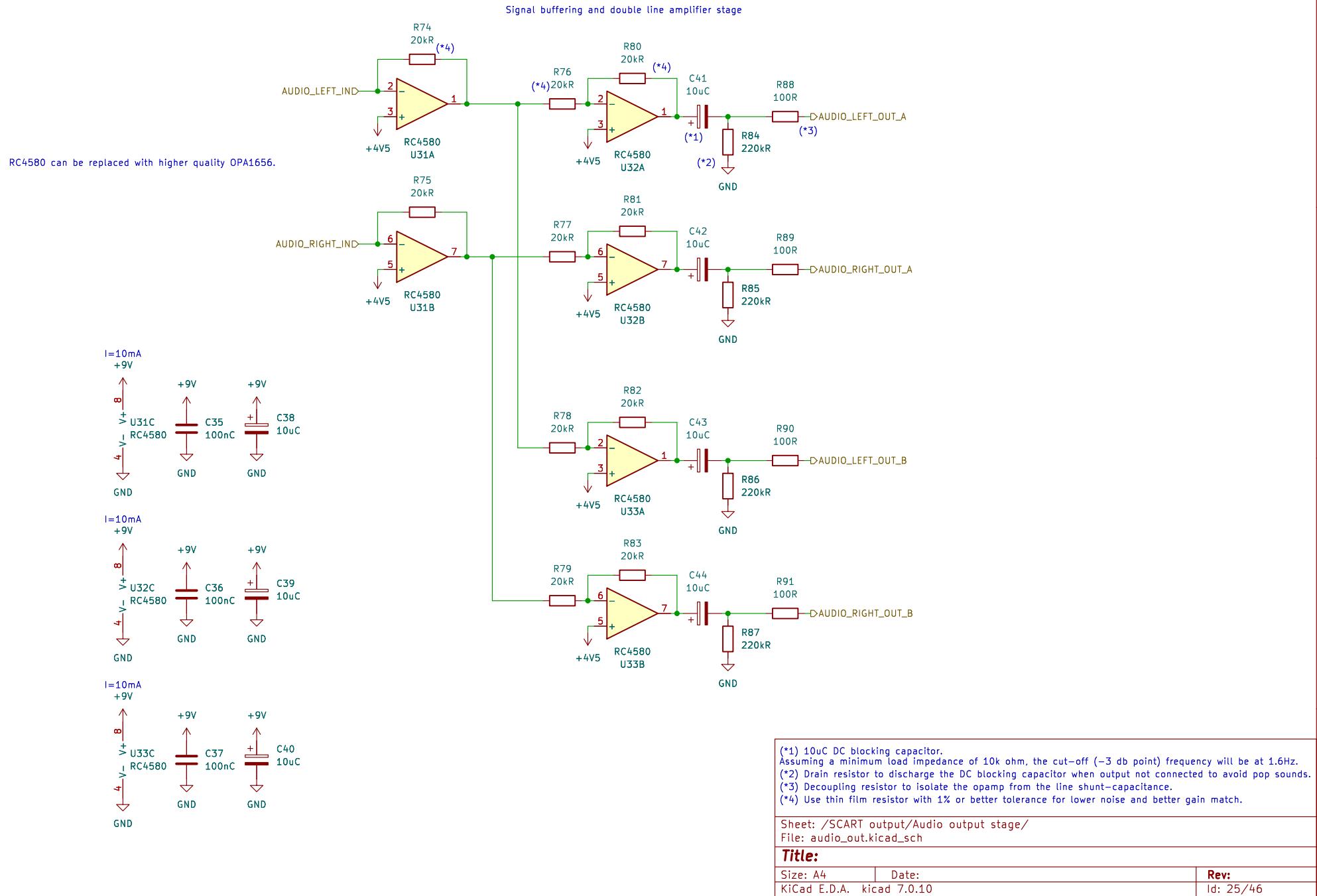


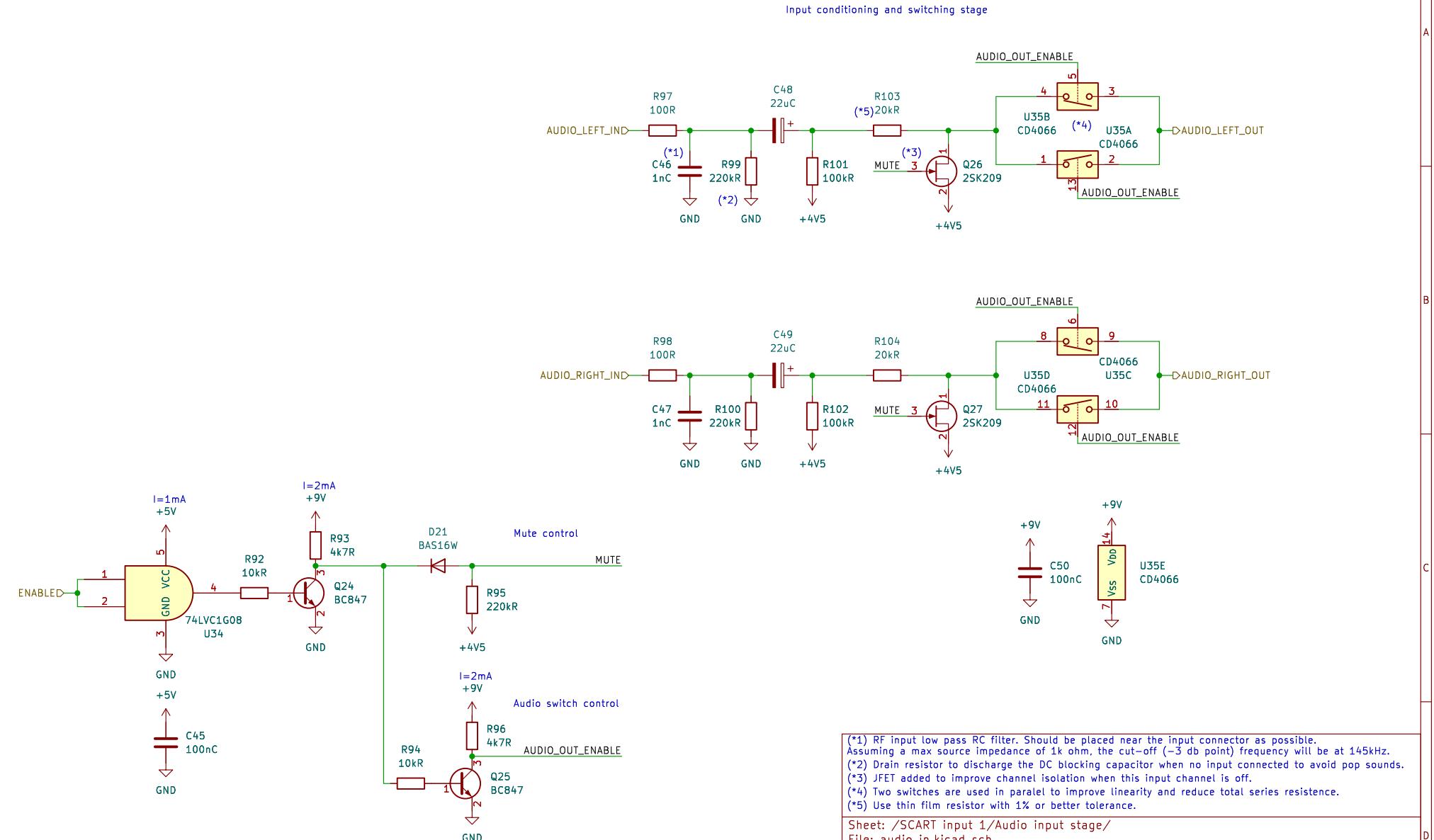
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File: power.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.10

Rev:
Id: 14/46





Title:

Size: A4 | Date:
 KiCad E.D.A. kicad 7.0.10

Rev:
 Id: 26/46

1 2 3 4 5 6

A

A

B

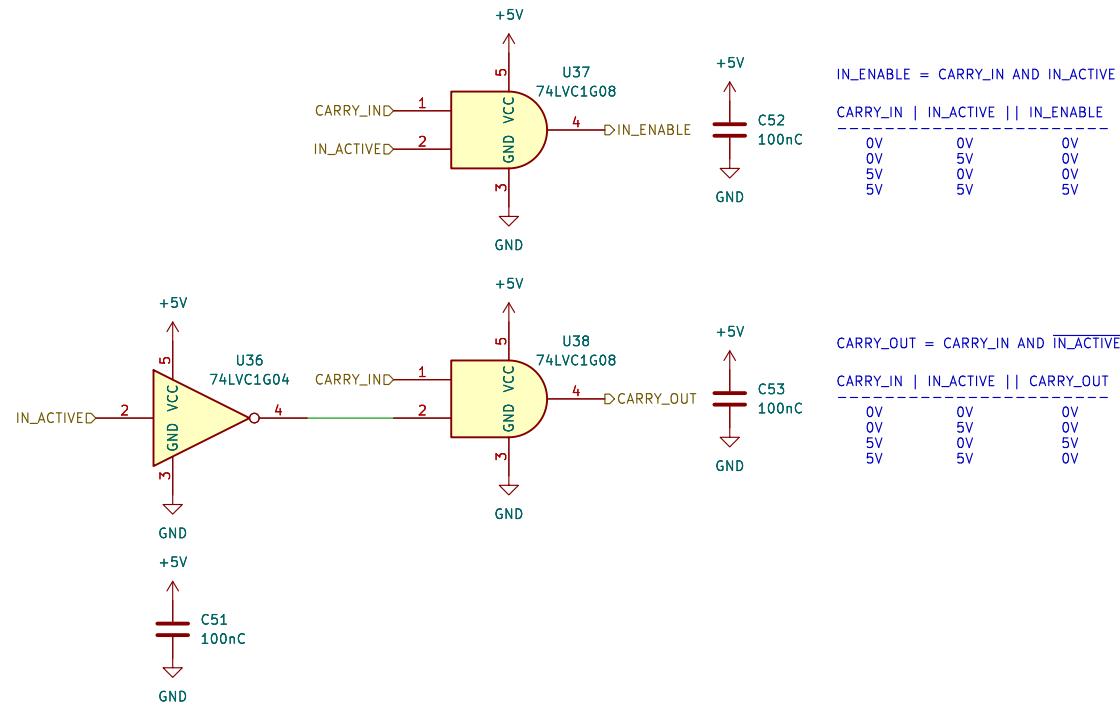
B

C

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D

D



Sheet: /SCART input 1/Priority Level/
File: priority_level.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.10

Rev:
Id: 28/46

1 2 3 4 5 6

1 2 3 4 5 6

A

A

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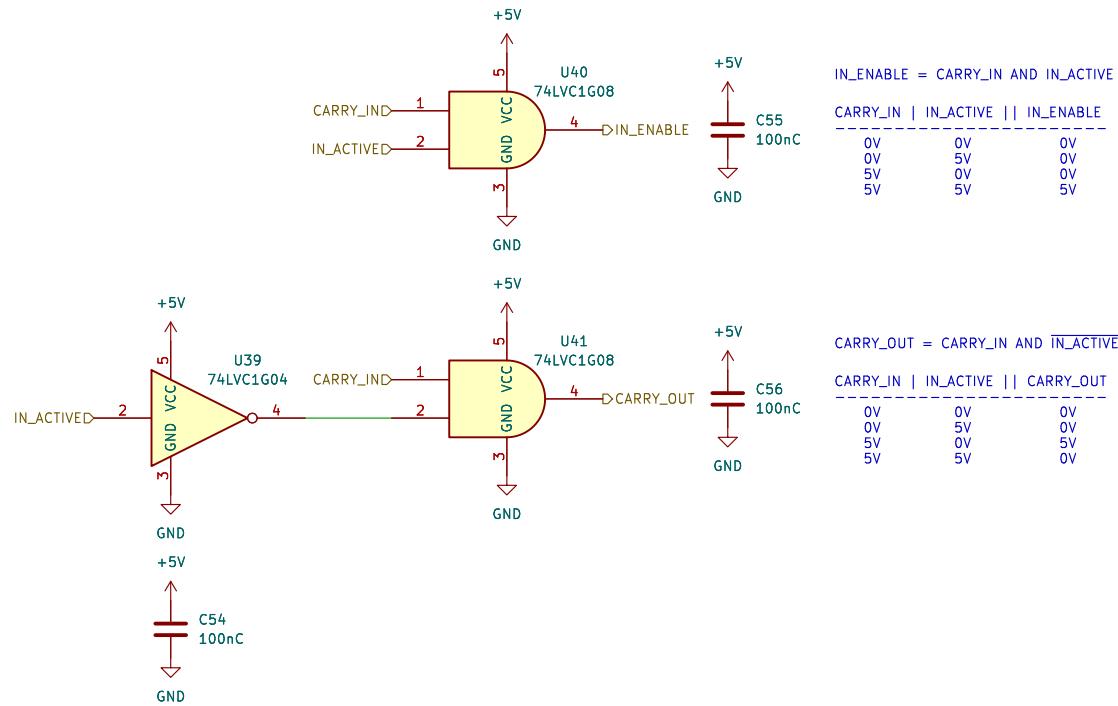
B

C

C

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D



Sheet: /SCART input 2/Priority Level/
File: priority_level.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.10

Rev:
Id: 29/46

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

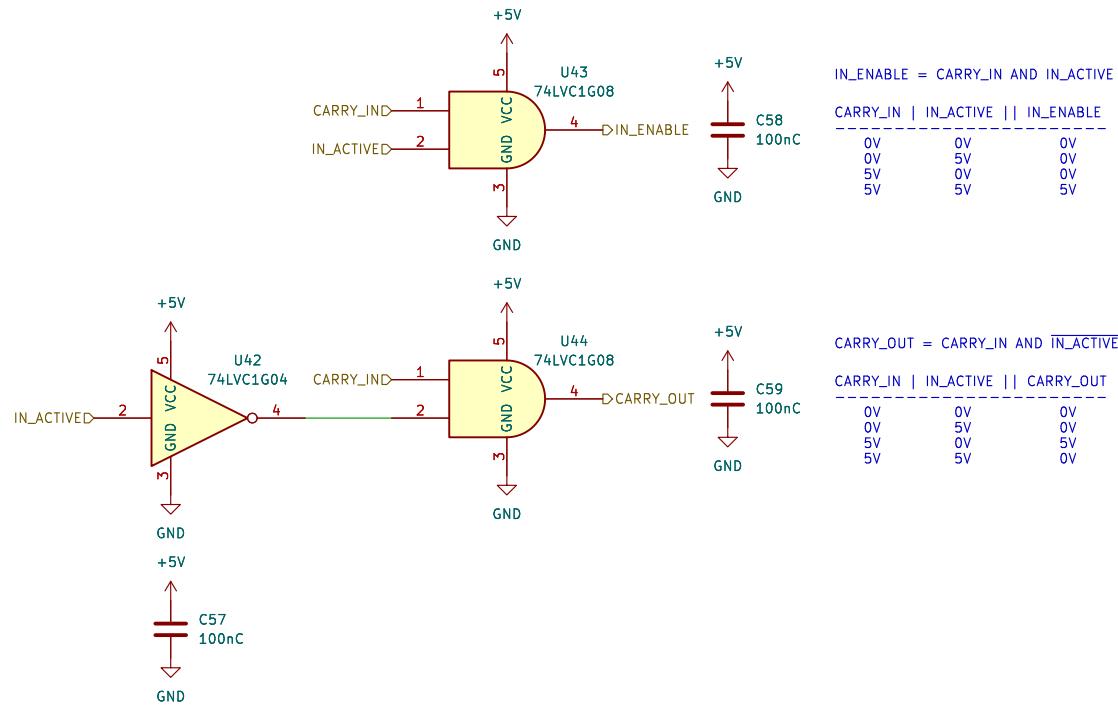
B

C

C

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D



Sheet: /SCART input 3/Priority Level/
File: priority_level.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.10

Rev:
Id: 30/46

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

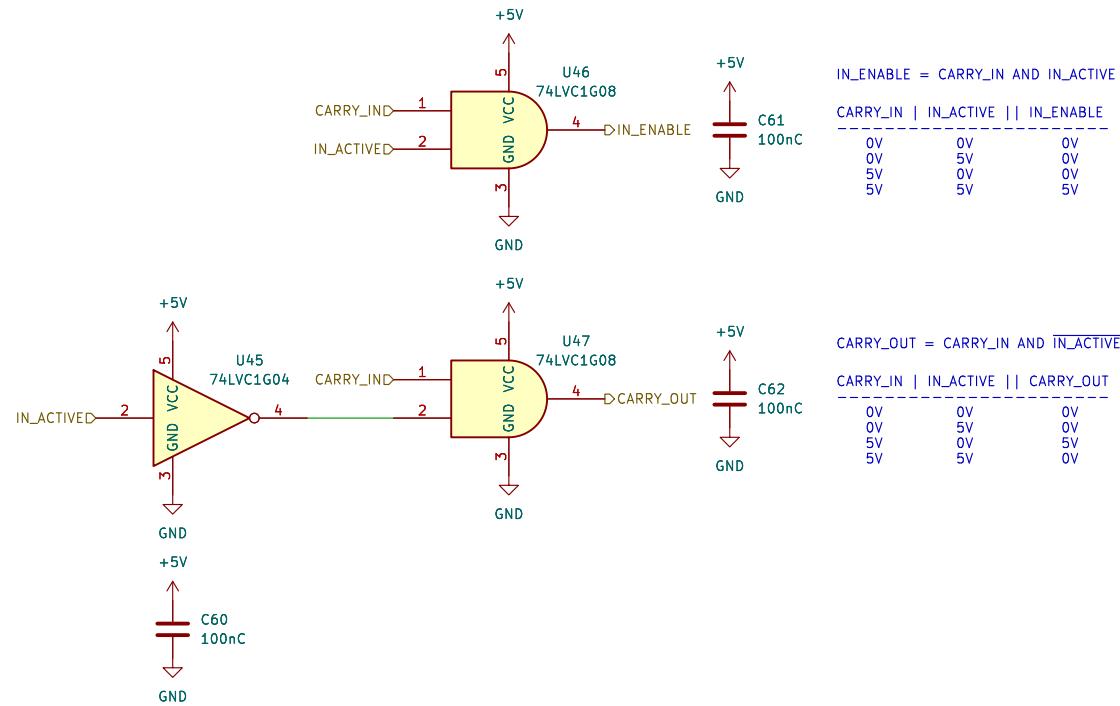
B

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D



Sheet: /SCART input 4/Priority Level/
File: priority_level.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.10

Rev:
Id: 31/46

1 2 3 4 5 6

1 2 3 4 5 6

A

A

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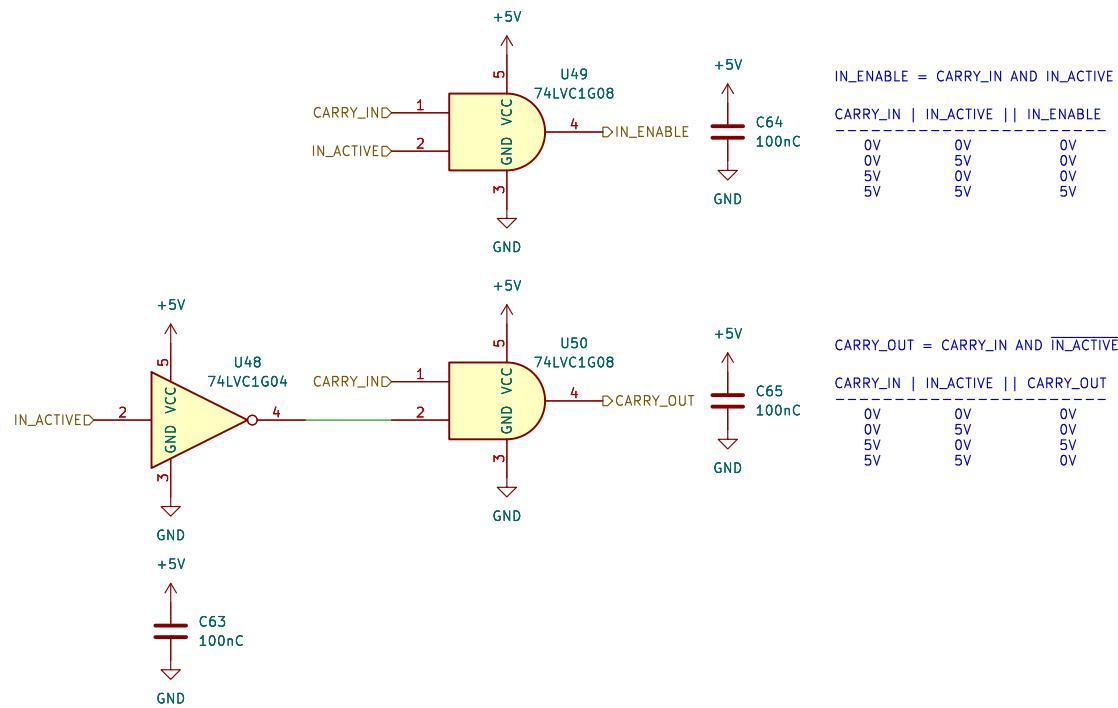
B

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D



Sheet: /SCART input 5/Priority Level/
File: priority_level.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.10

Rev:
Id: 32/46

1 2 3 4 5 6

1 2 3 4 5 6

A

A

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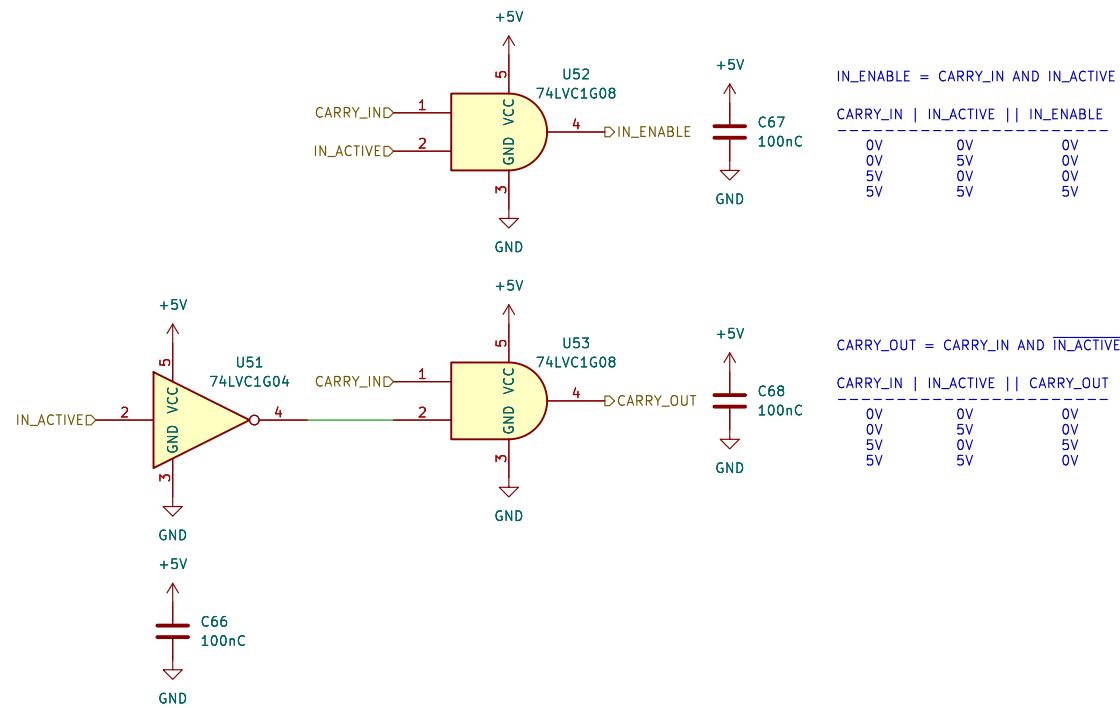
B

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D



Sheet: /SCART input 6/Priority Level/
File: priority_level.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.10

Rev:
Id: 33/46

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

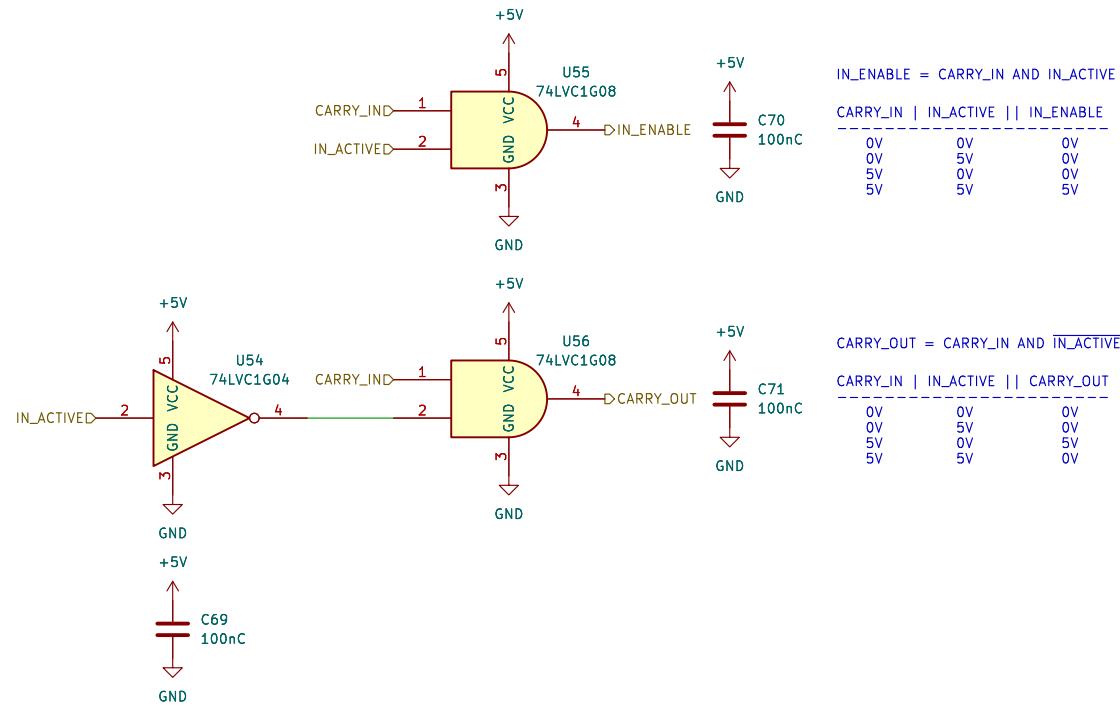
B

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Sheet: /SCART input 7/Priority Level/
File: priority_level.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 7.0.10

Rev:
Id: 34/46

1 2 3 4 5 6

1 2 3 4 5 6

A

A

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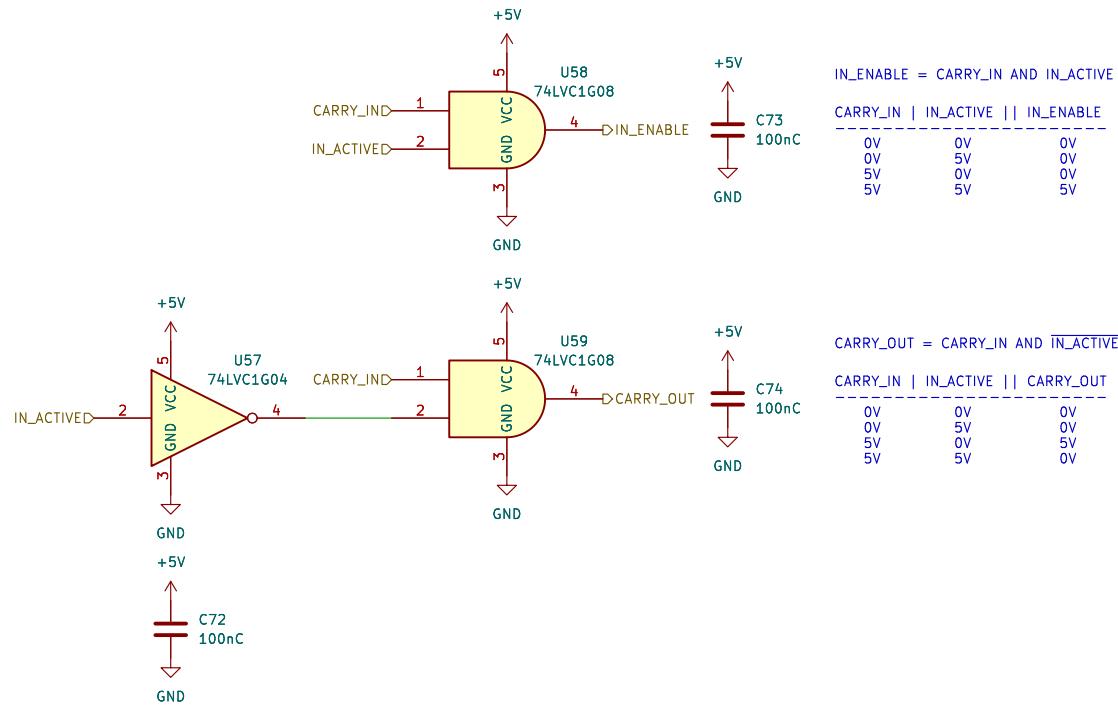
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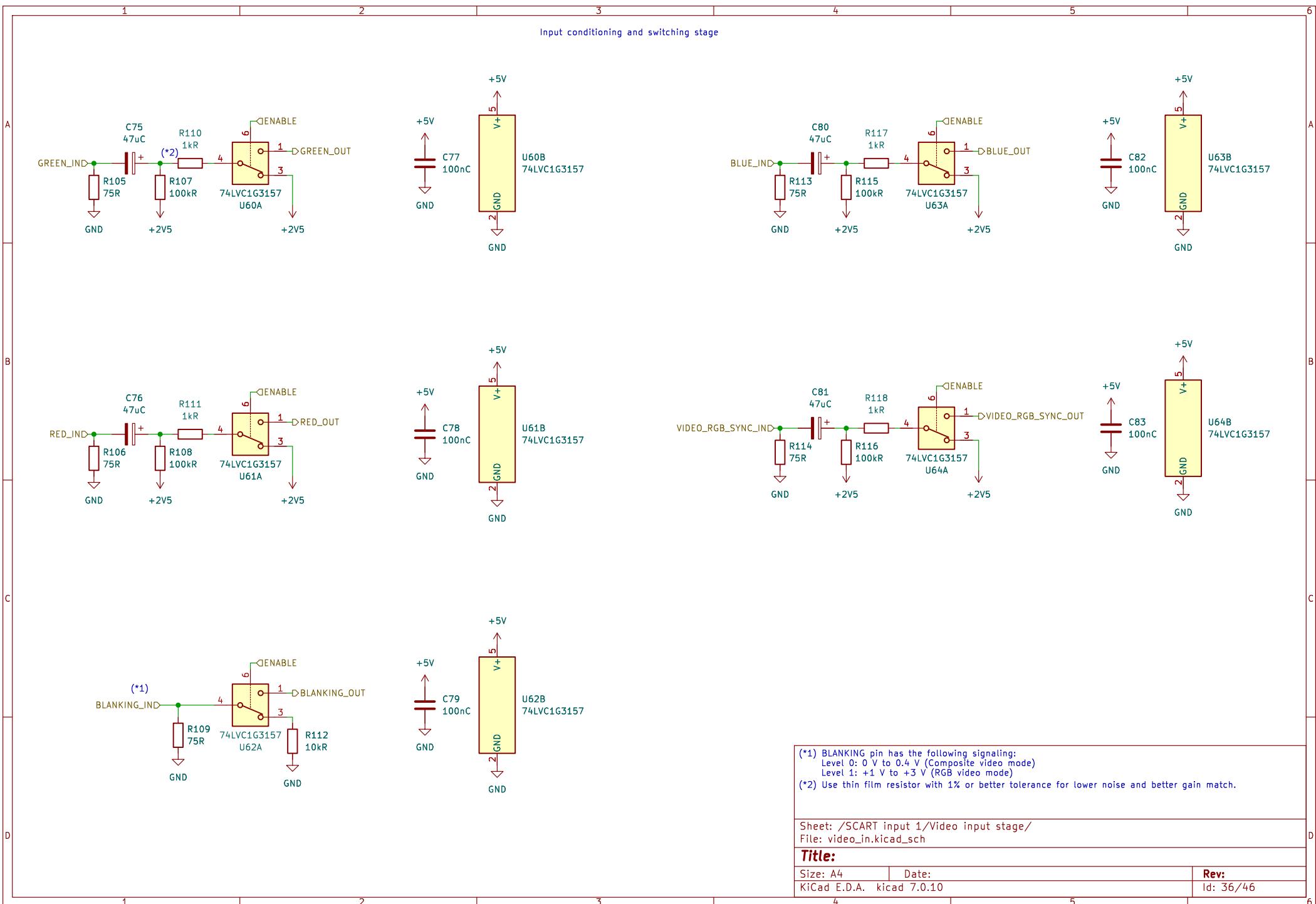
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File: priority_level.kicad_sch

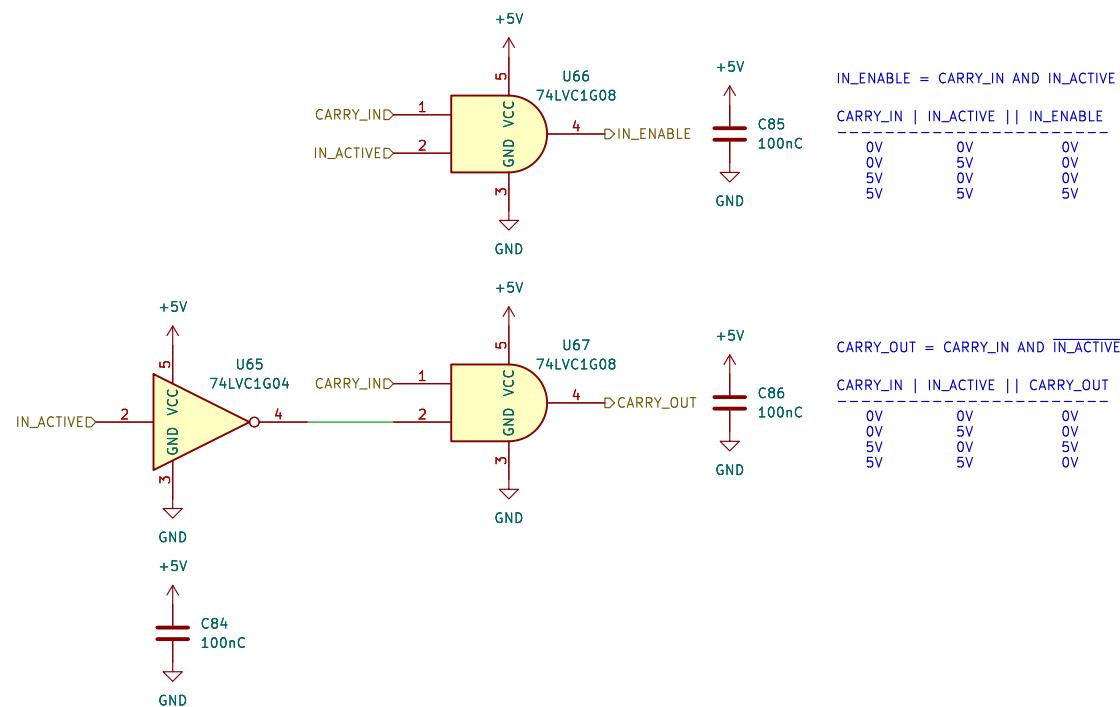
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Id: 35/46

1 2 3 4 5 6





Sheet: /SCART input 9/Priority Level/
File: priority_level.kicad_sch

Title:

Size: A4 | Date:
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Rev:
Id: 37/46

1 2 3 4 5 6

A

A

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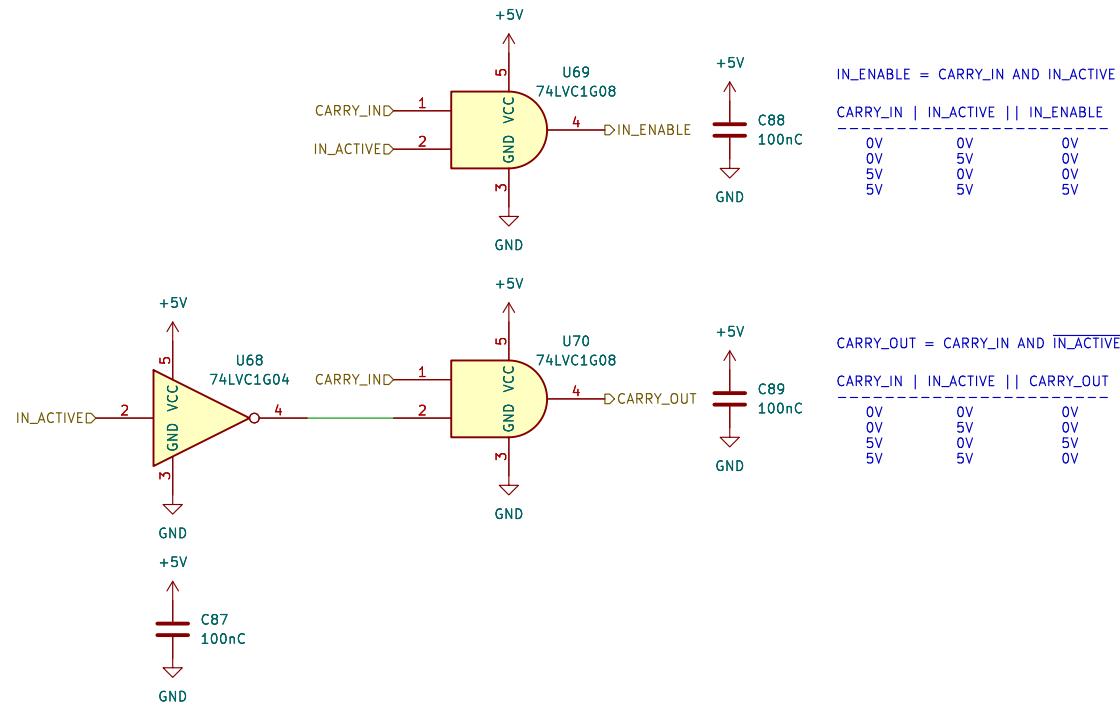
B

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D



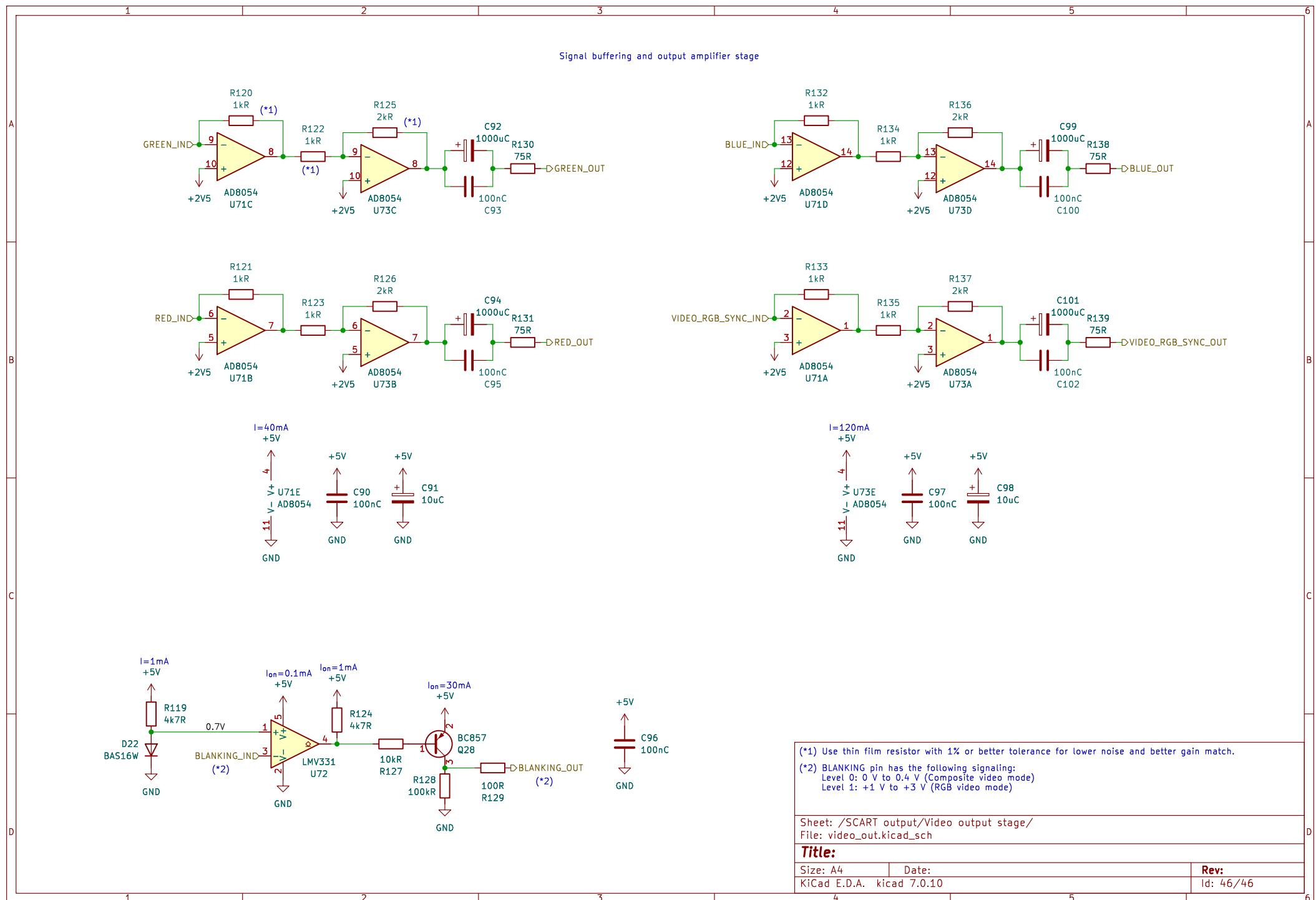
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File: priority_level.kicad_sch

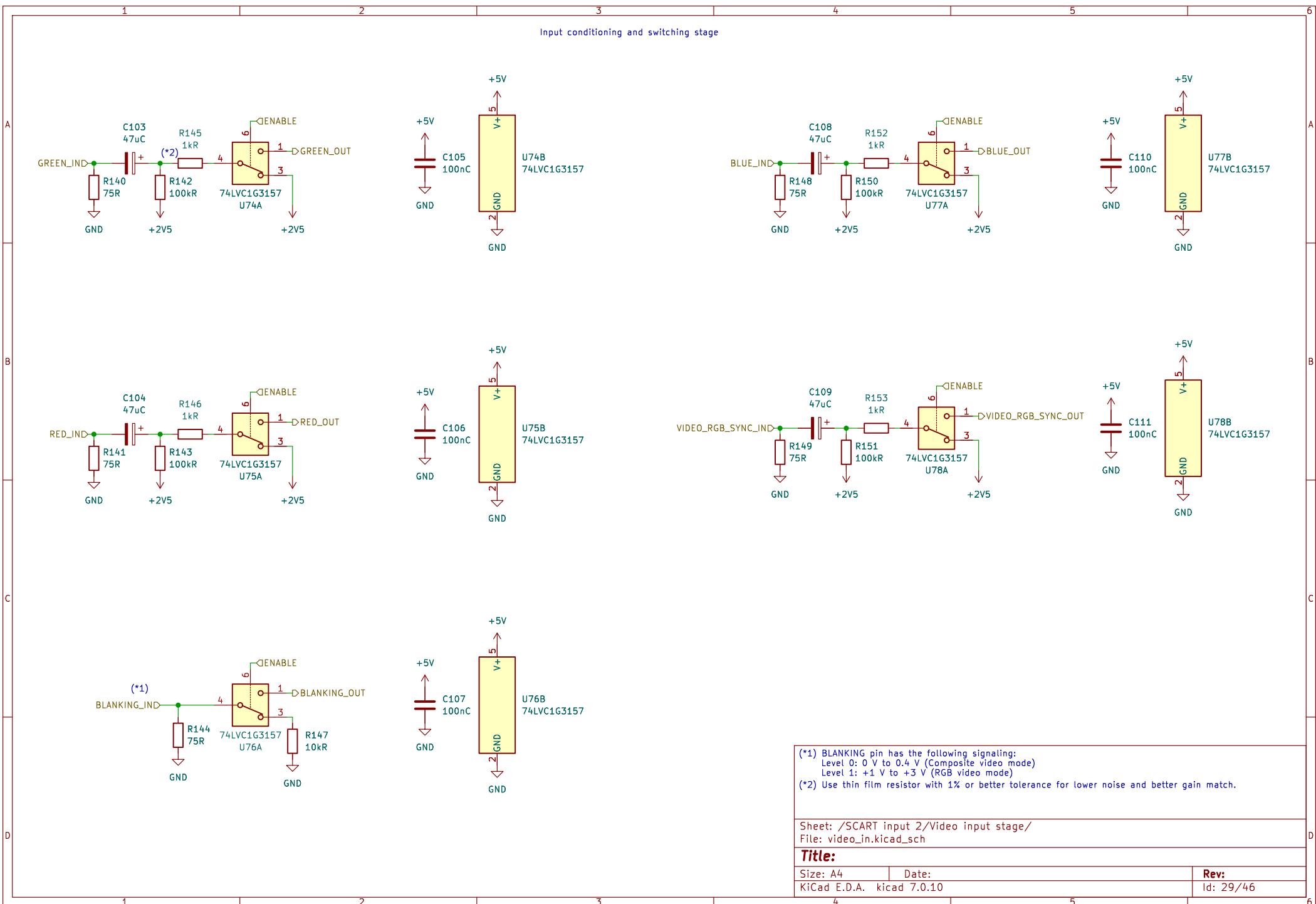
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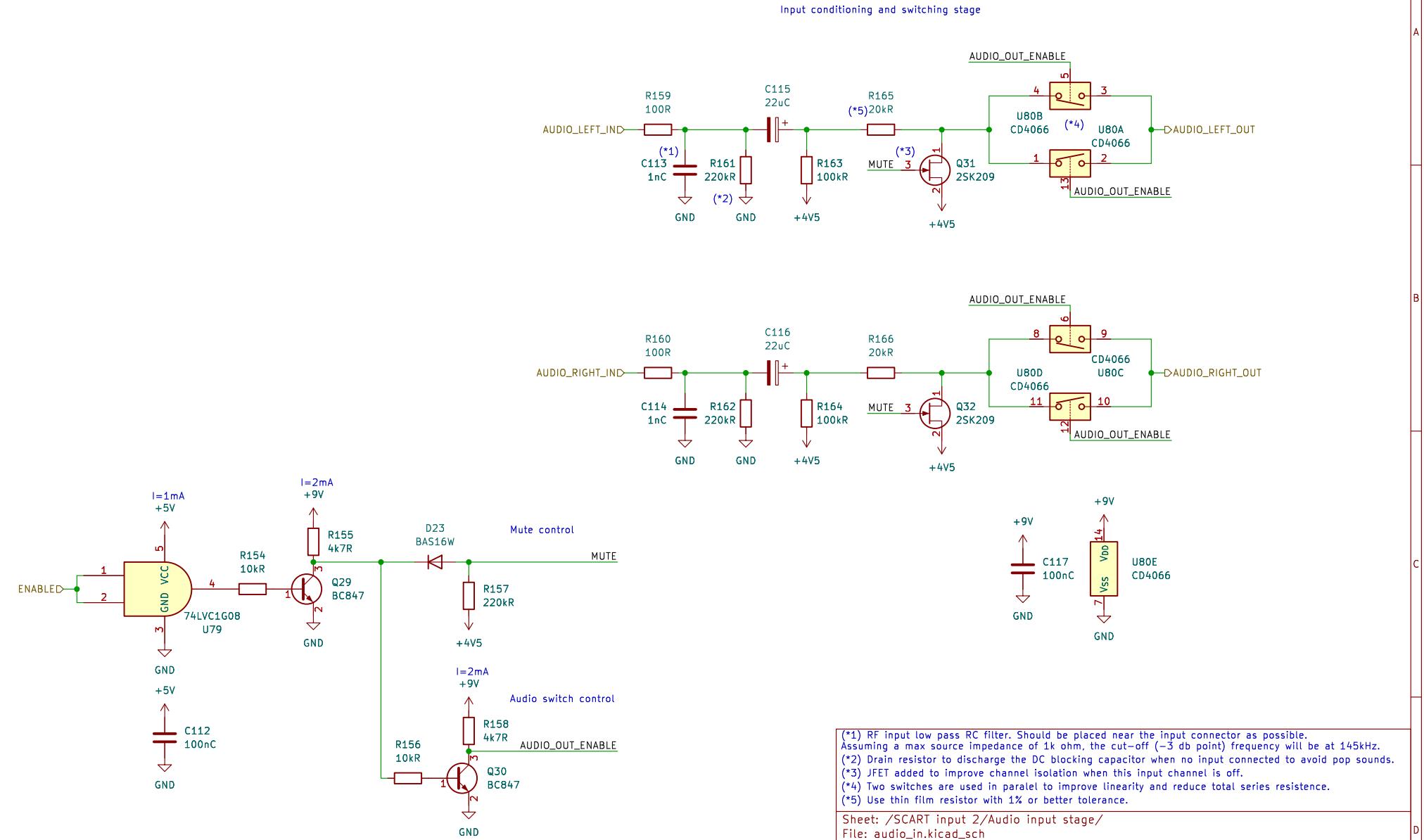
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KiCad E.D.A. kicad 7.0.10

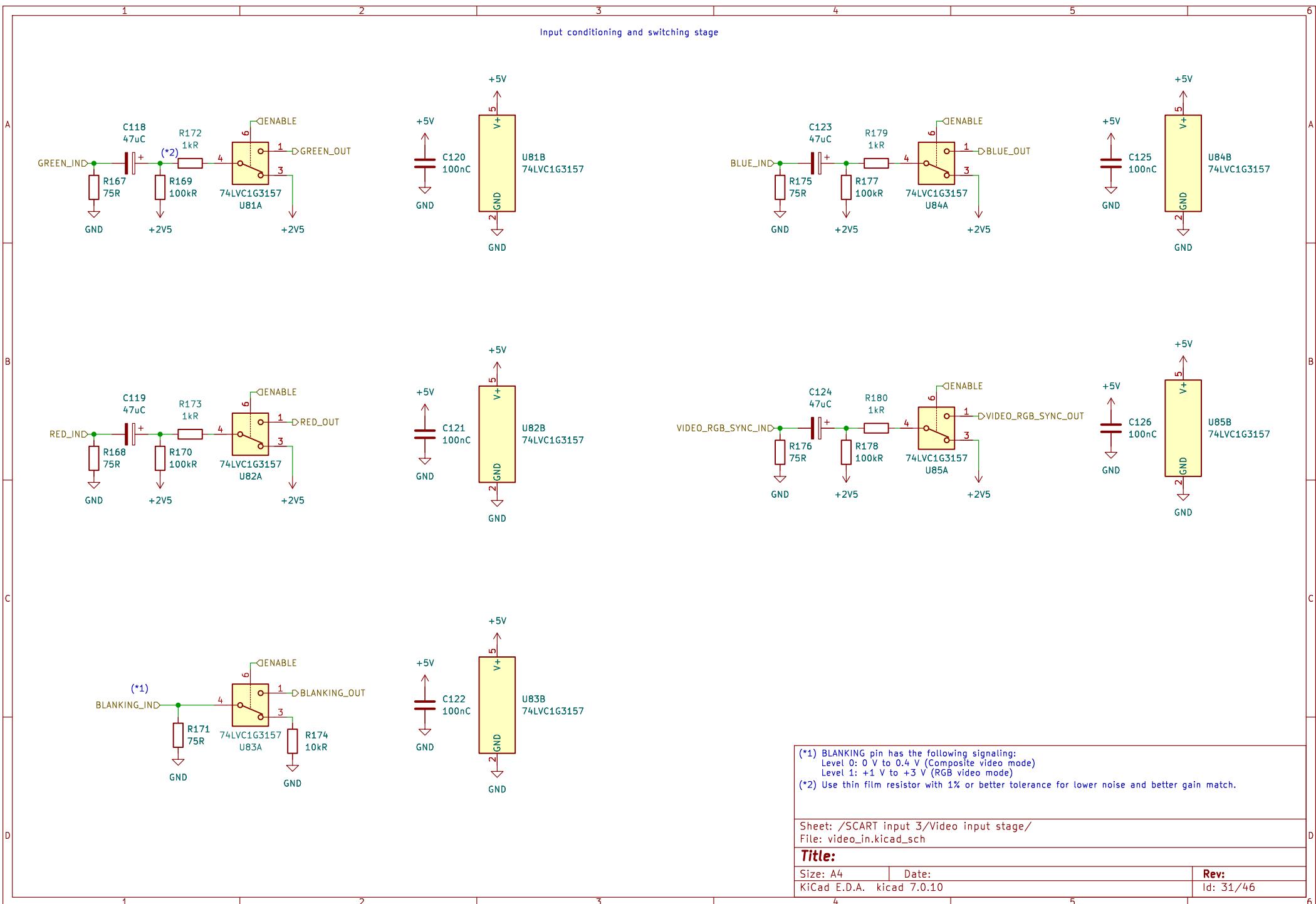
Rev:
Id: 38/46

1 2 3 4 5 6

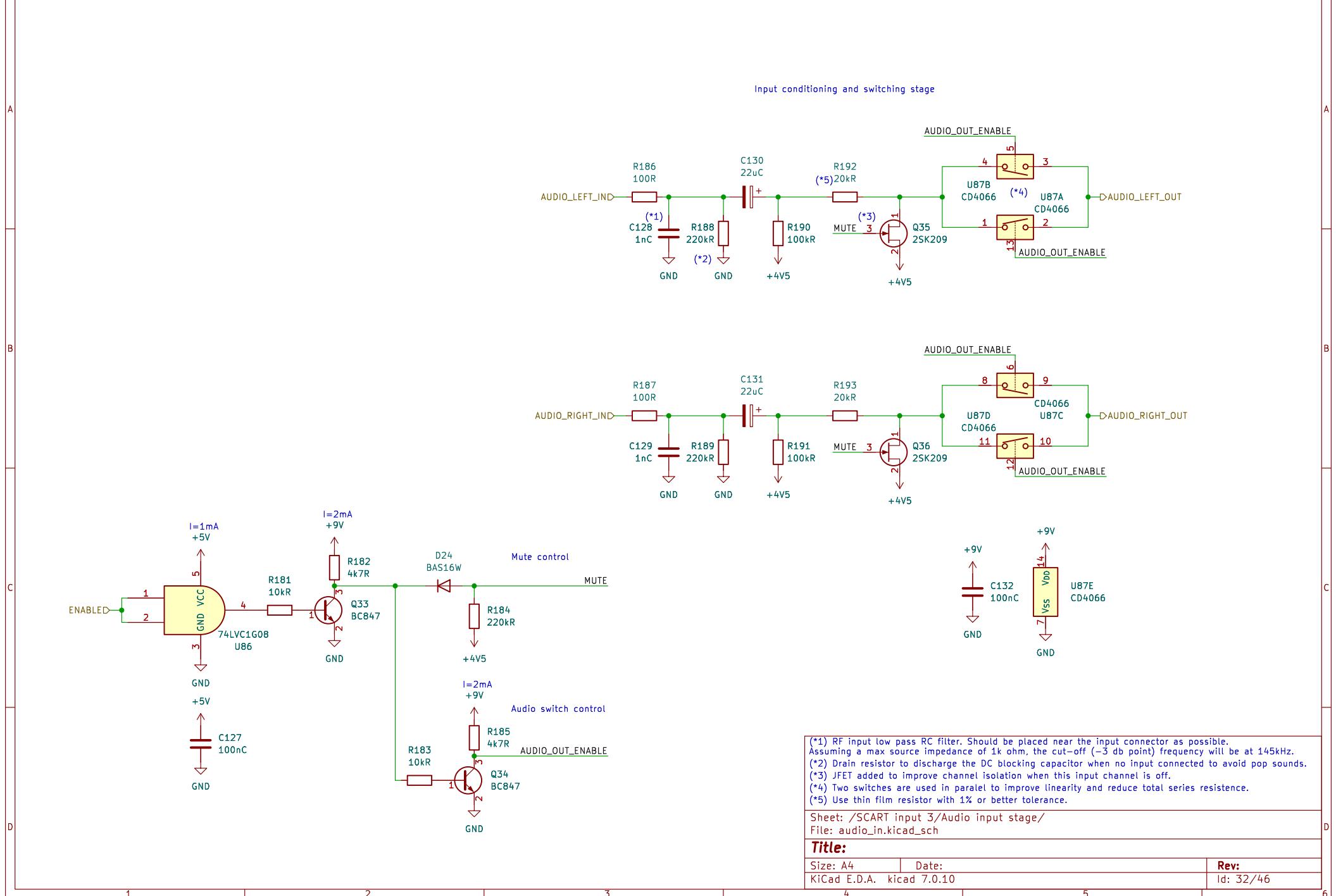




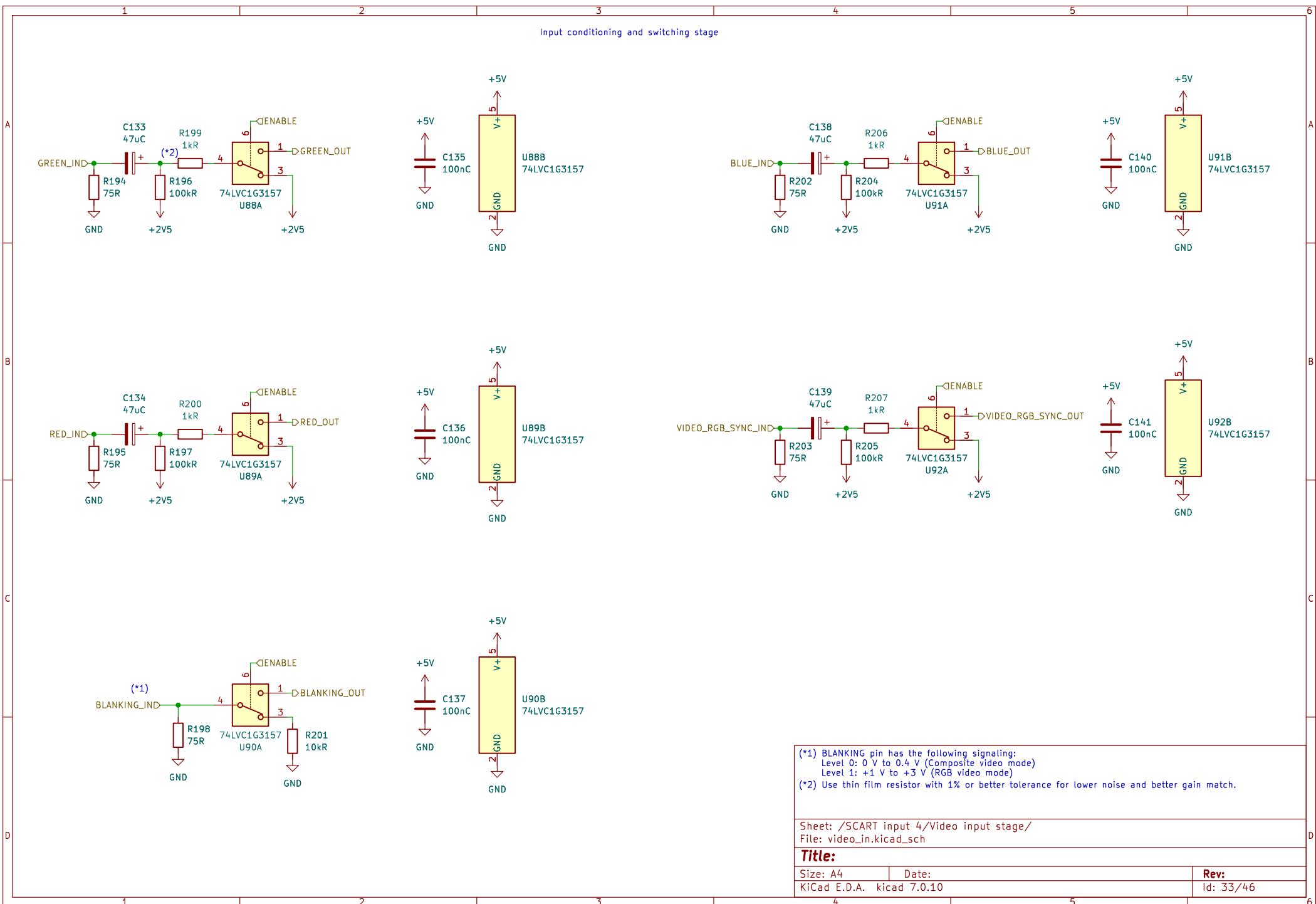




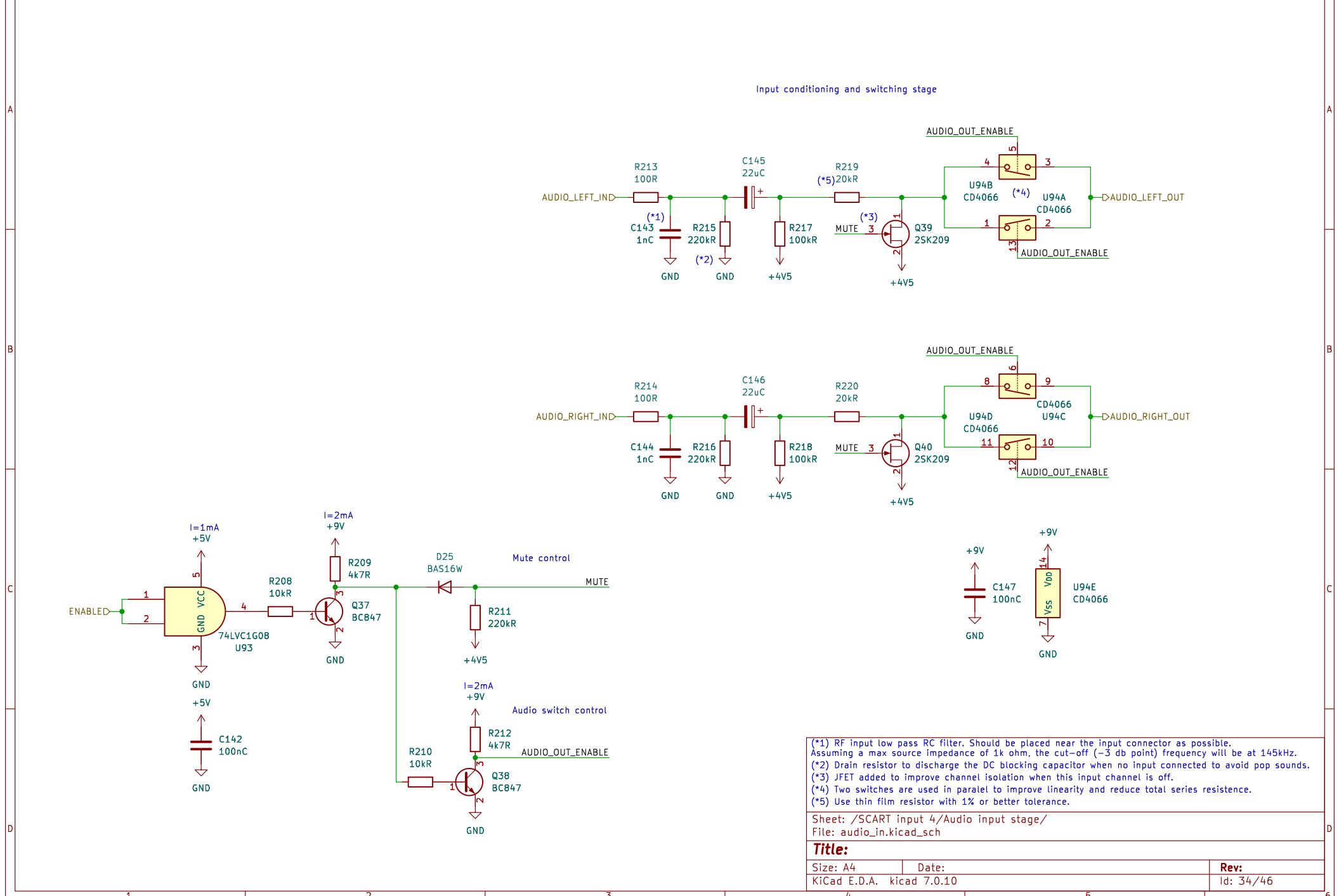
1 2 3 4 5 6



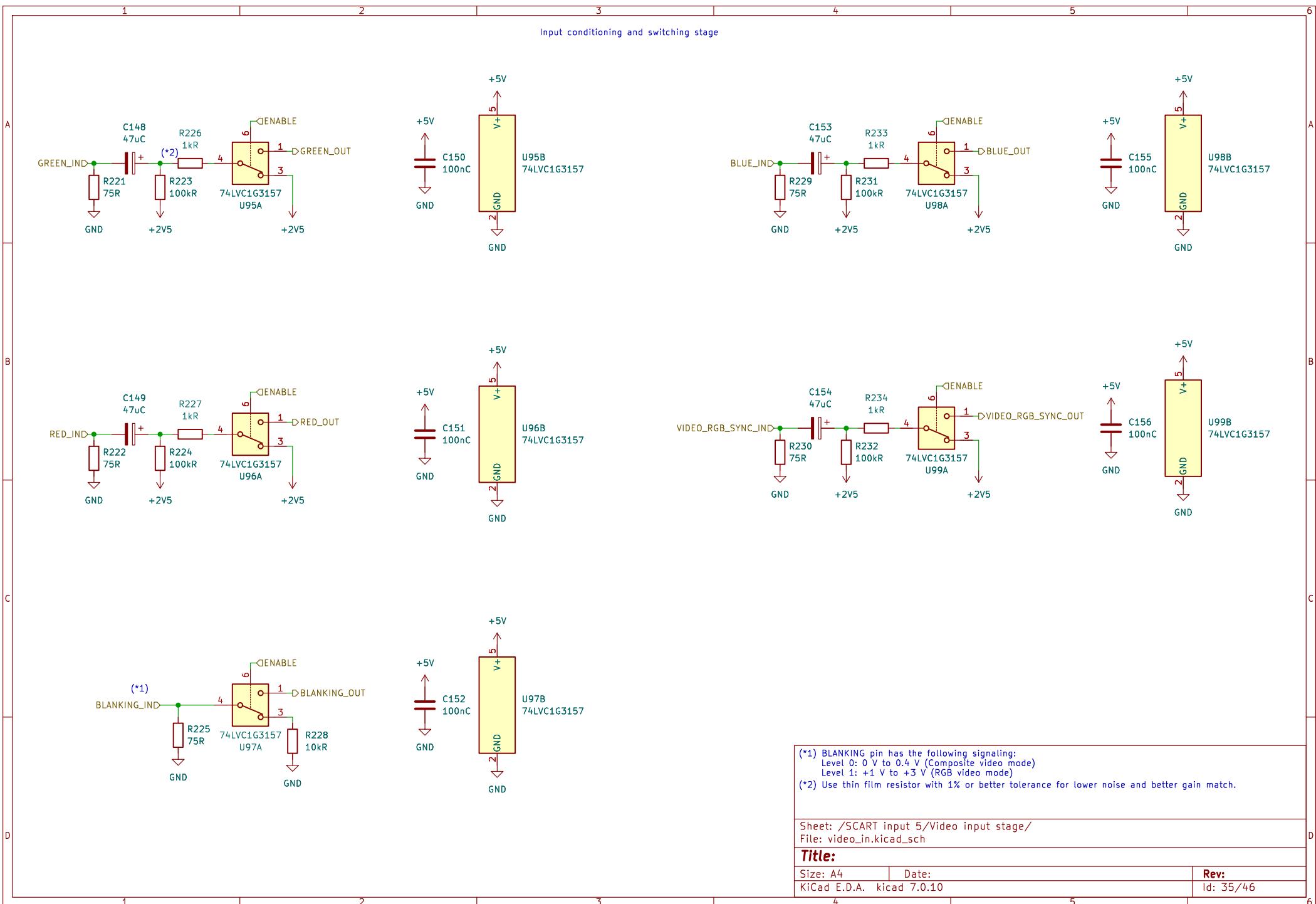
1 2 3 4 5 6

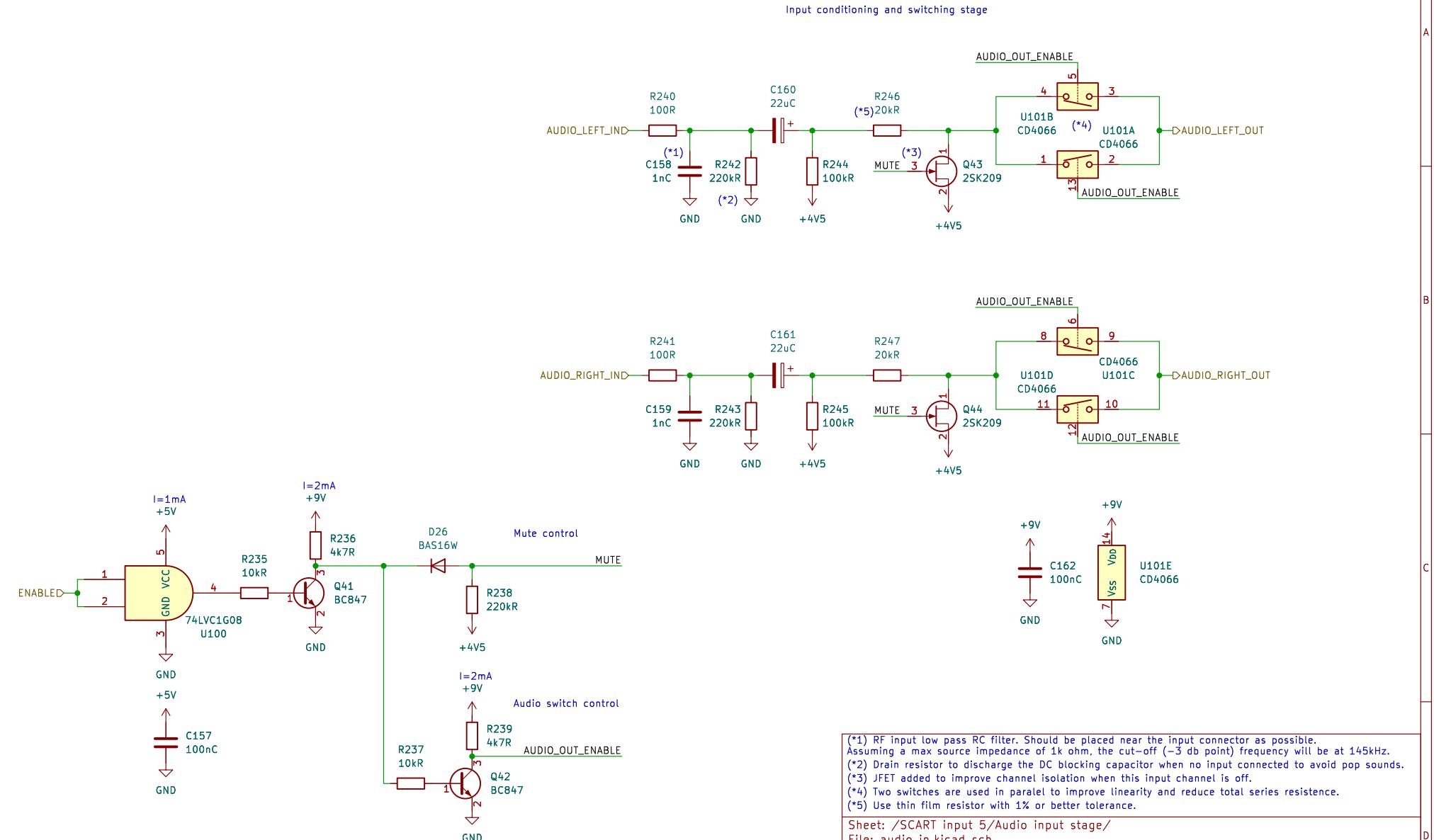


1 2 3 4 5 6



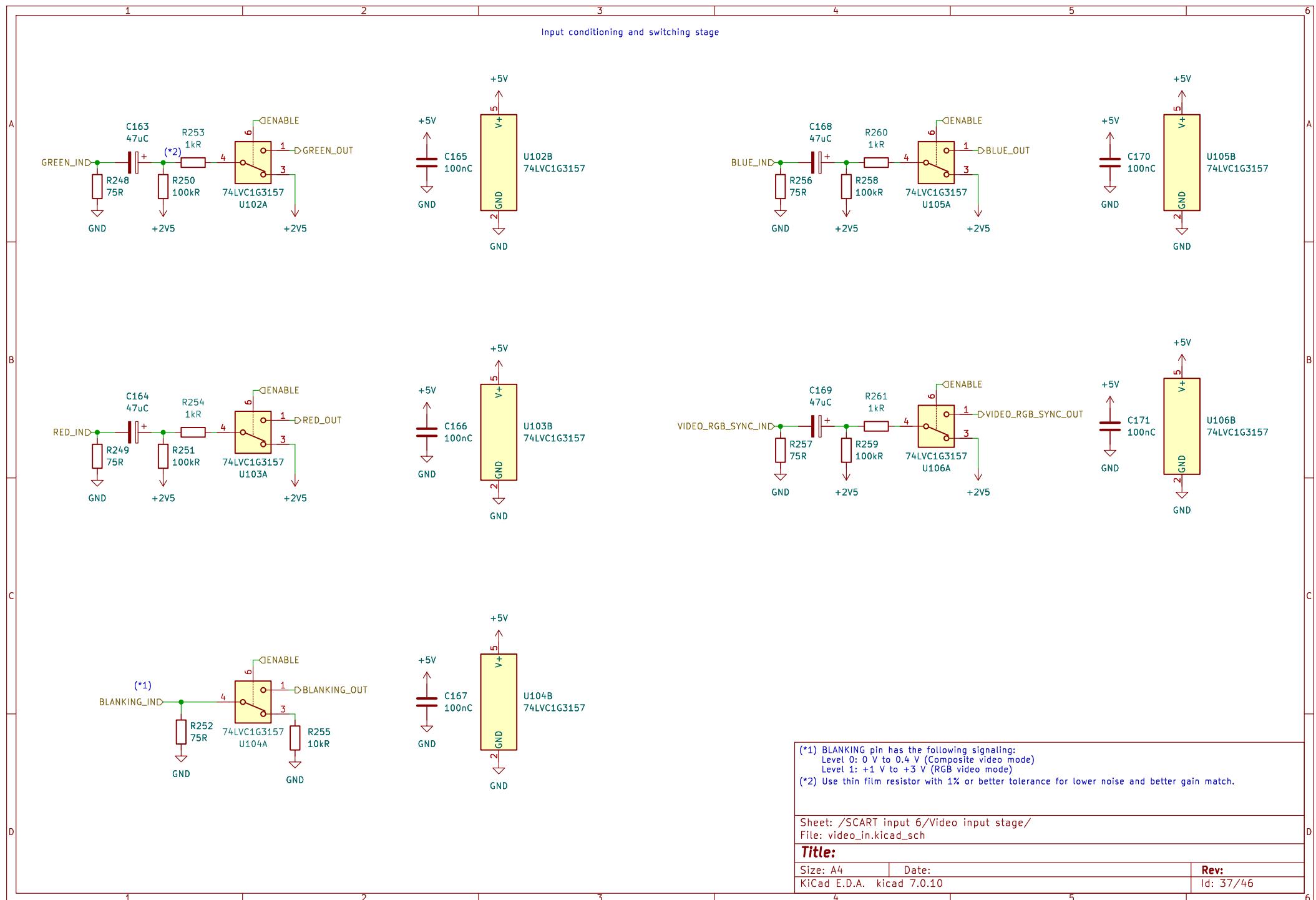
1 2 3 4 5 6



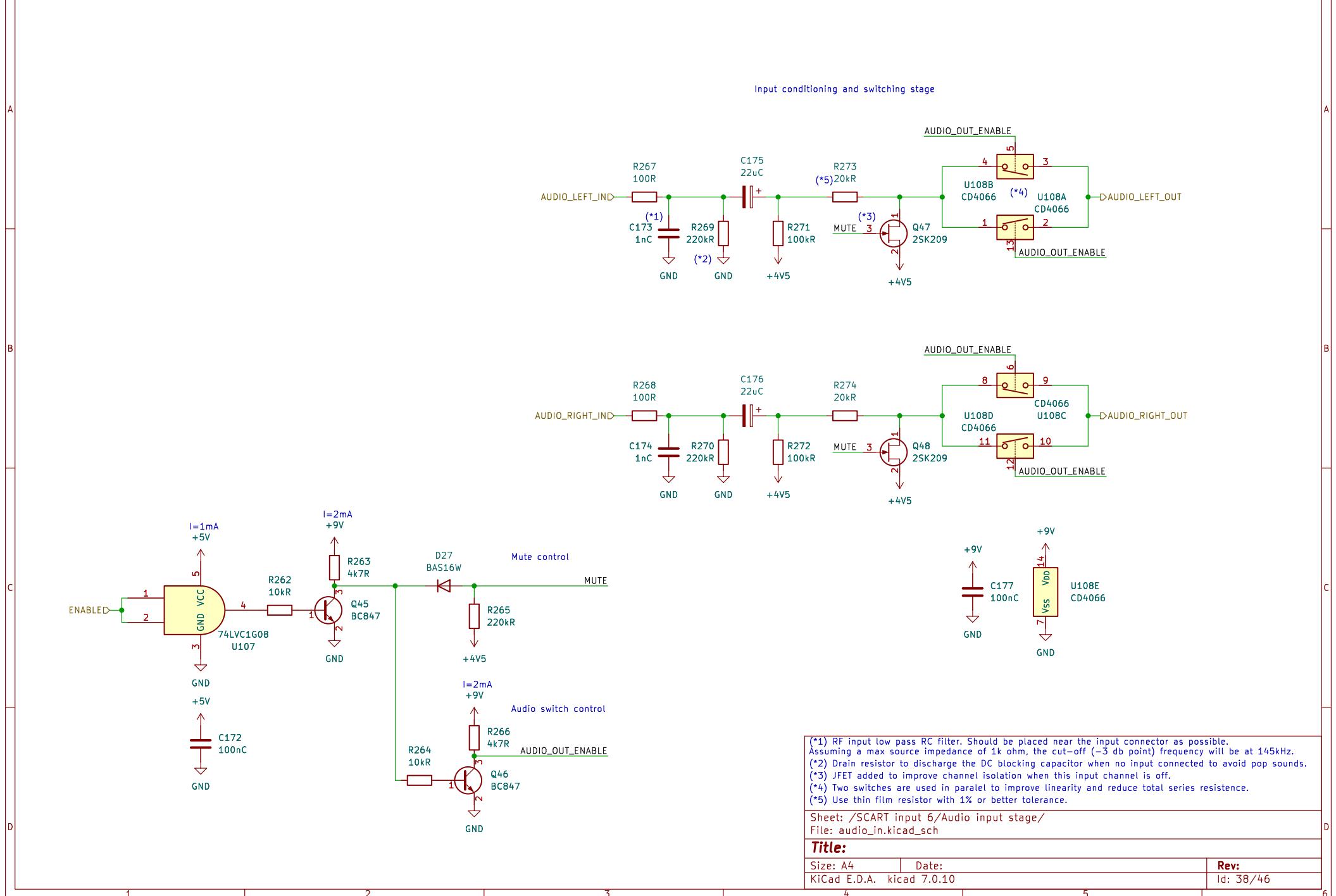


1 2 3 4 5 6

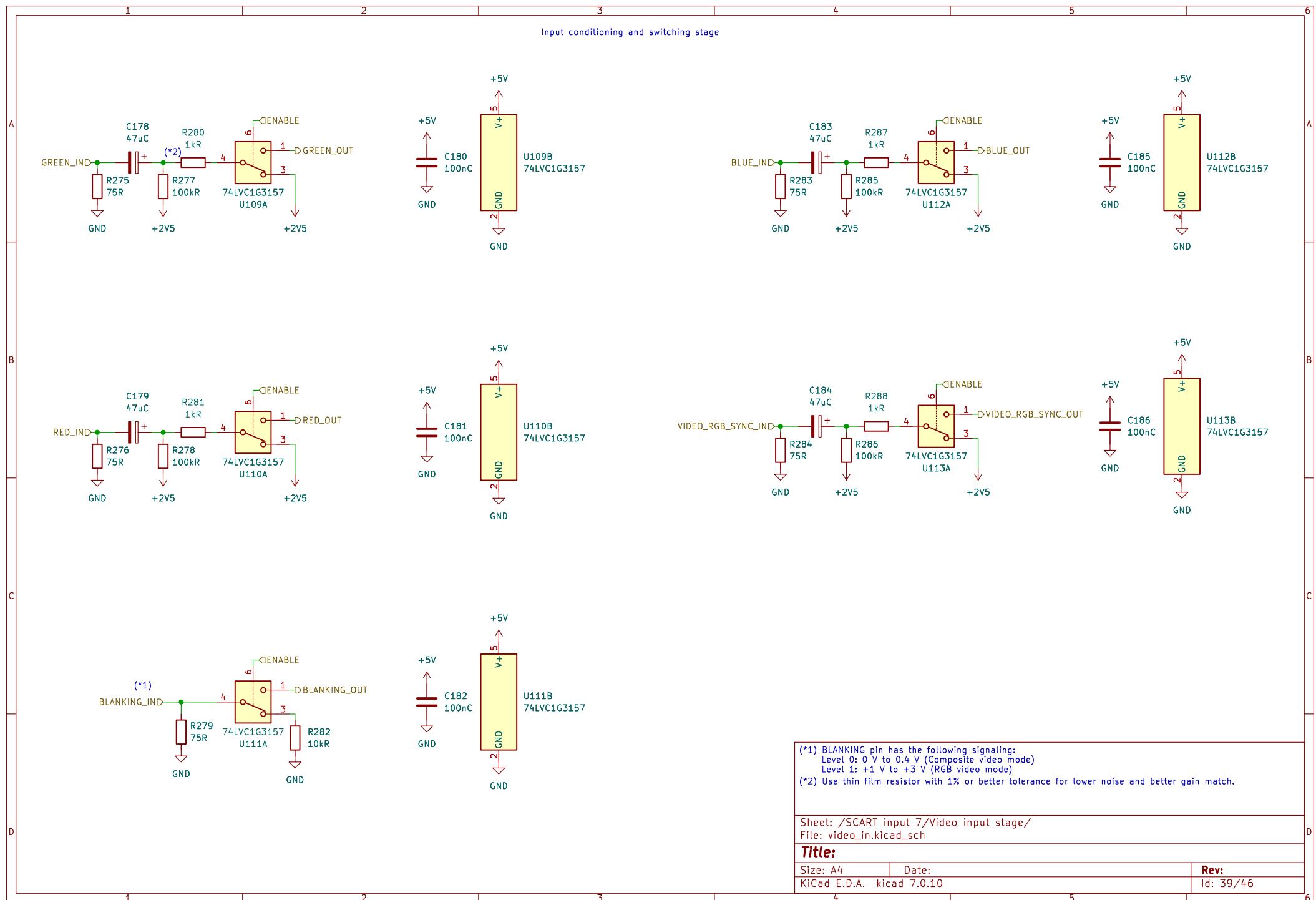
1 2 3 4 5 6

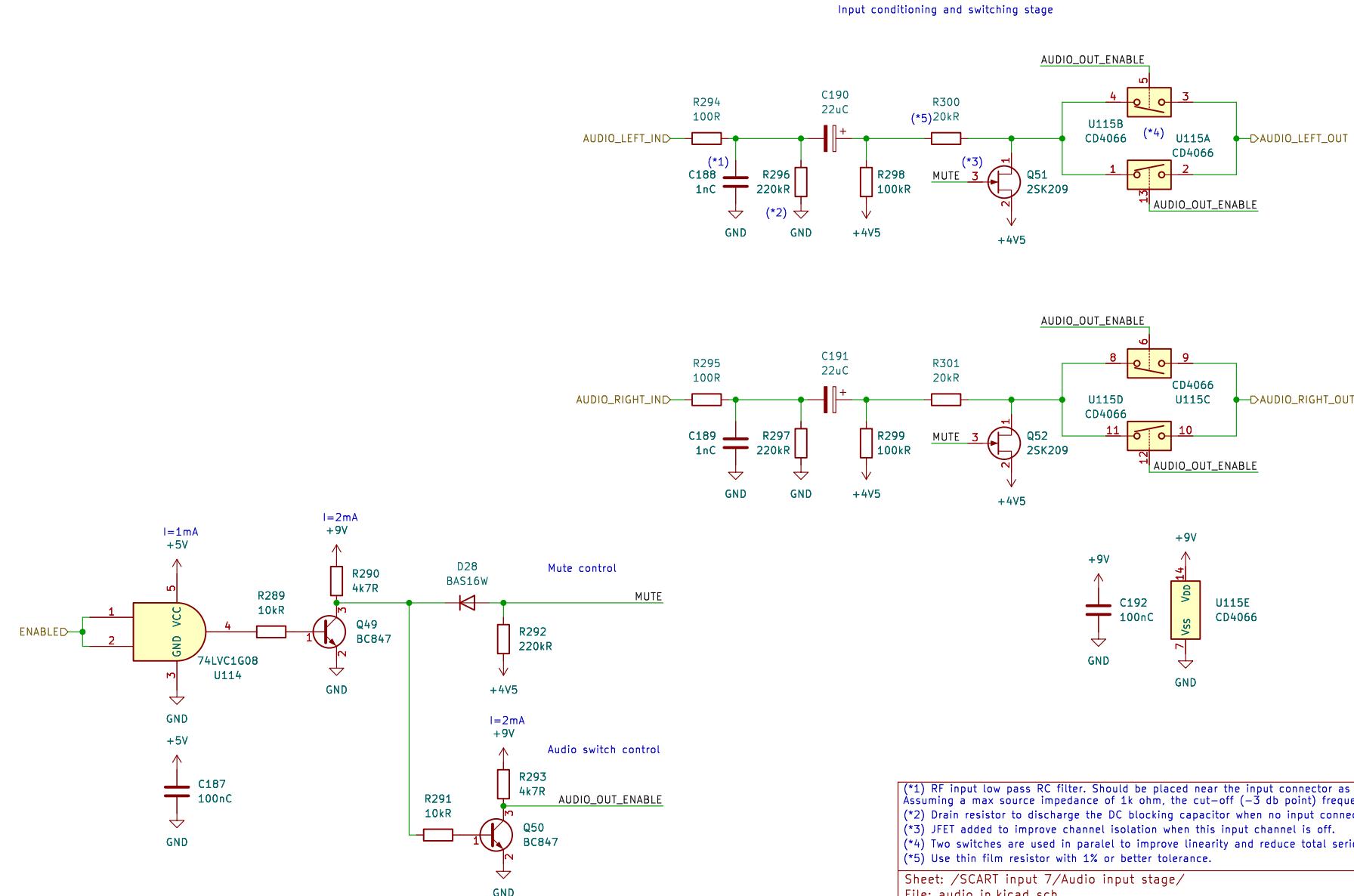


1 2 3 4 5 6



1 2 3 4 5 6





(*1) RF input low pass RC filter. Should be placed near the input connector as possible.
 Assuming a max source impedance of 1k ohm, the cut-off (-3 db point) frequency will be at 145kHz.
 (*2) Drain resistor to discharge the DC blocking capacitor when no input connected to avoid pop sounds.
 (*3) JFET added to improve channel isolation when this input channel is off.
 (*4) Two switches are used in parallel to improve linearity and reduce total series resistance.
 (*5) Use thin film resistor with 1% or better tolerance.

Sheet: /SCART input 7/Audio input stage/

File: audio_in.kicad_sch

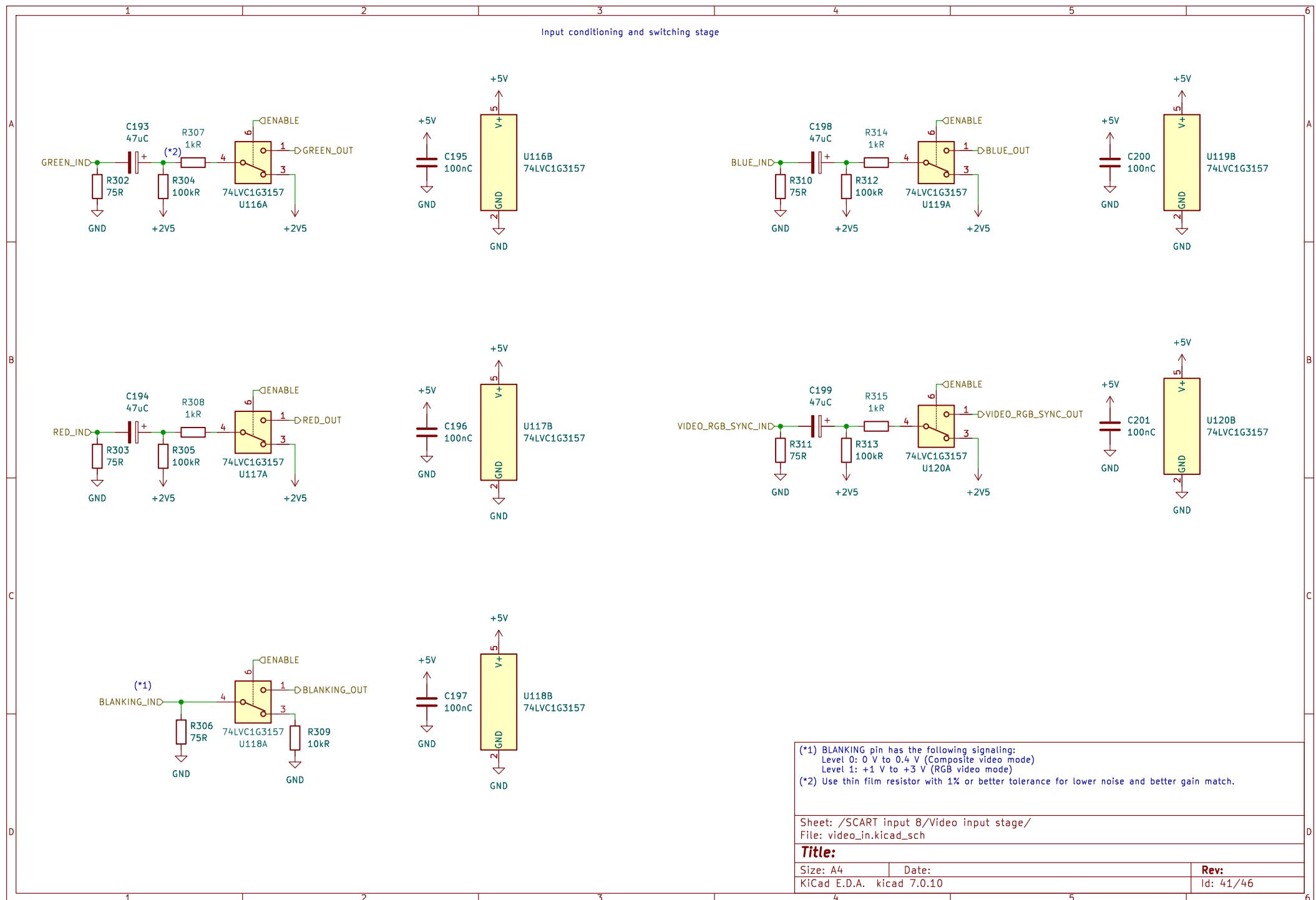
Title:

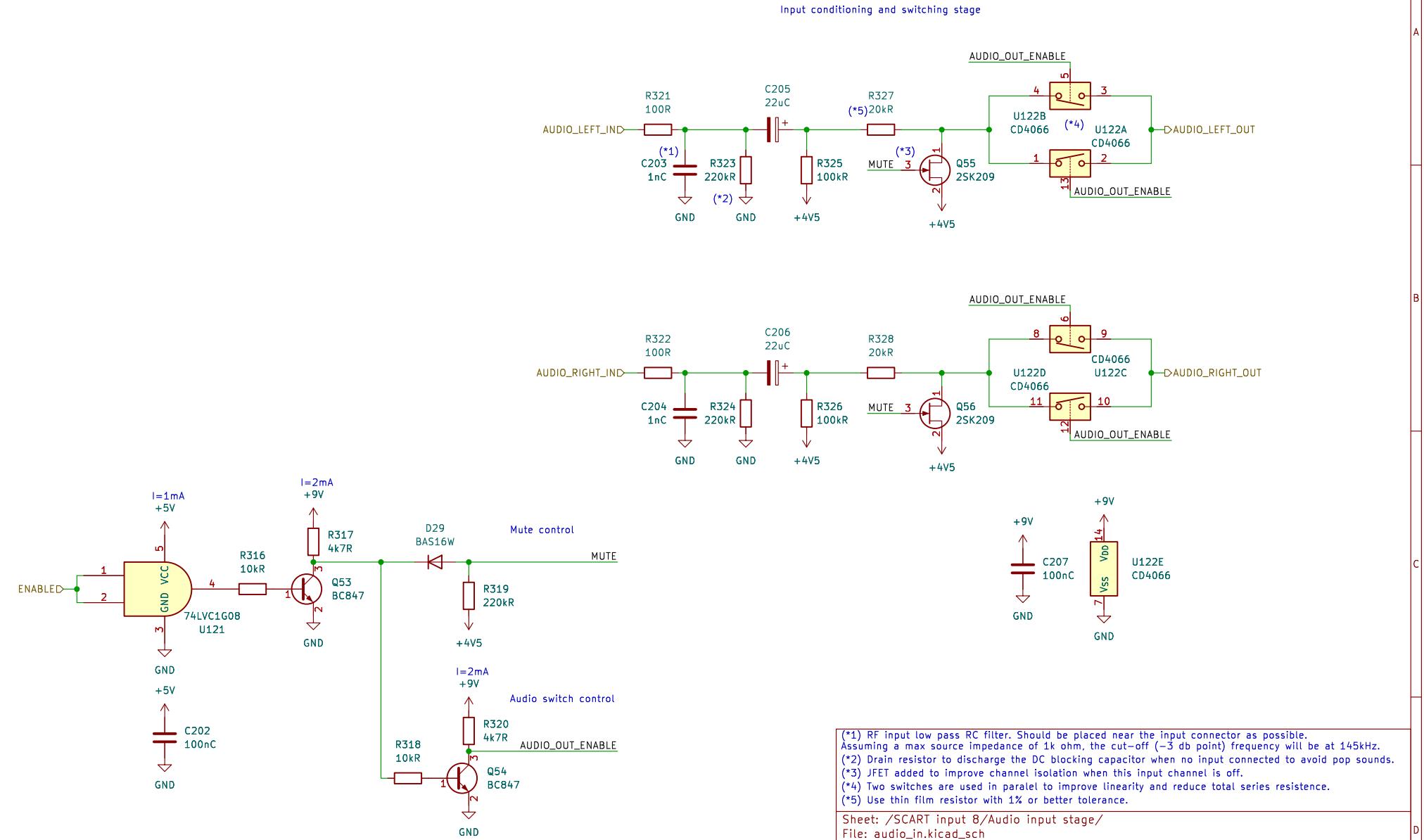
Size: A4 | Date:

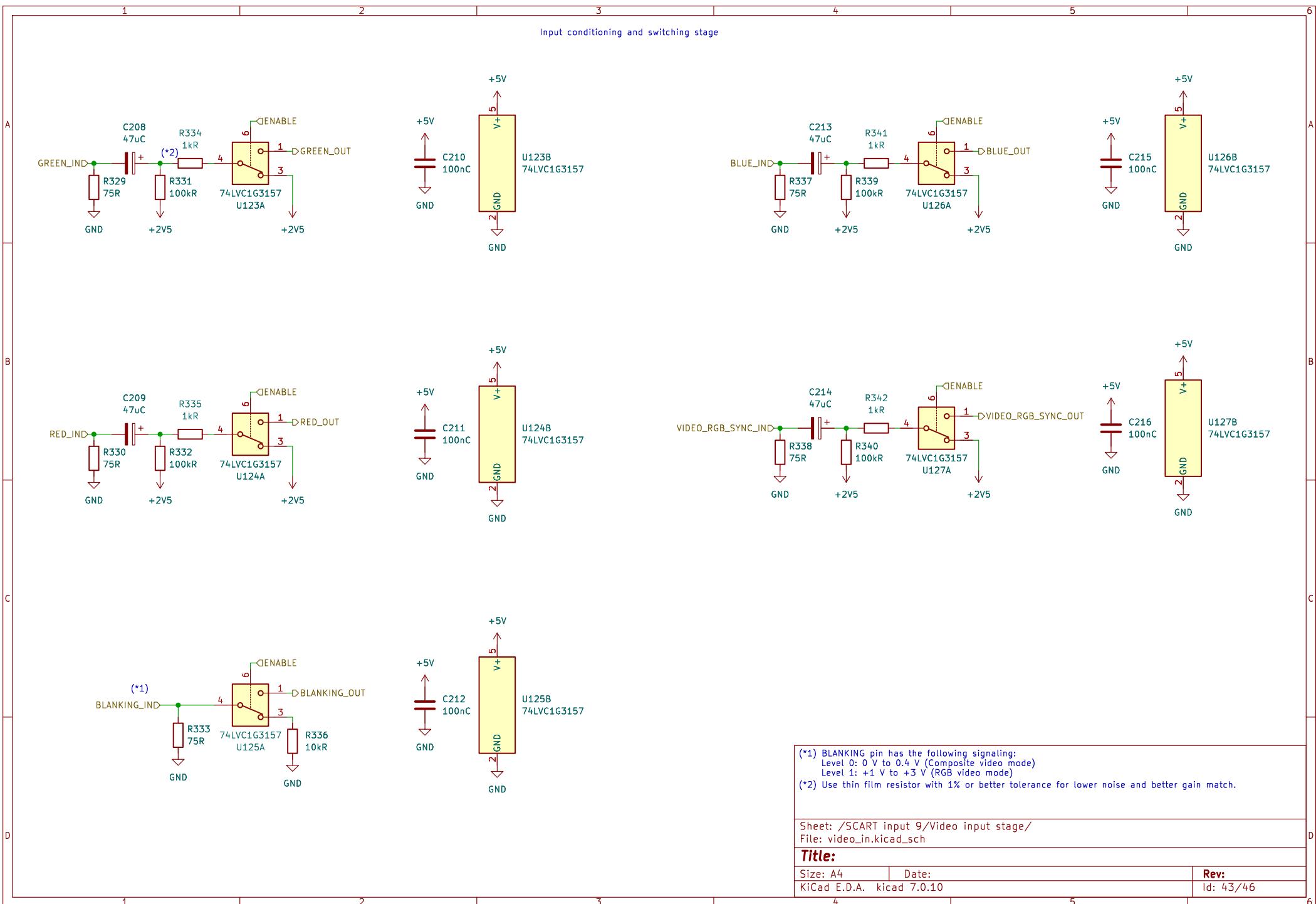
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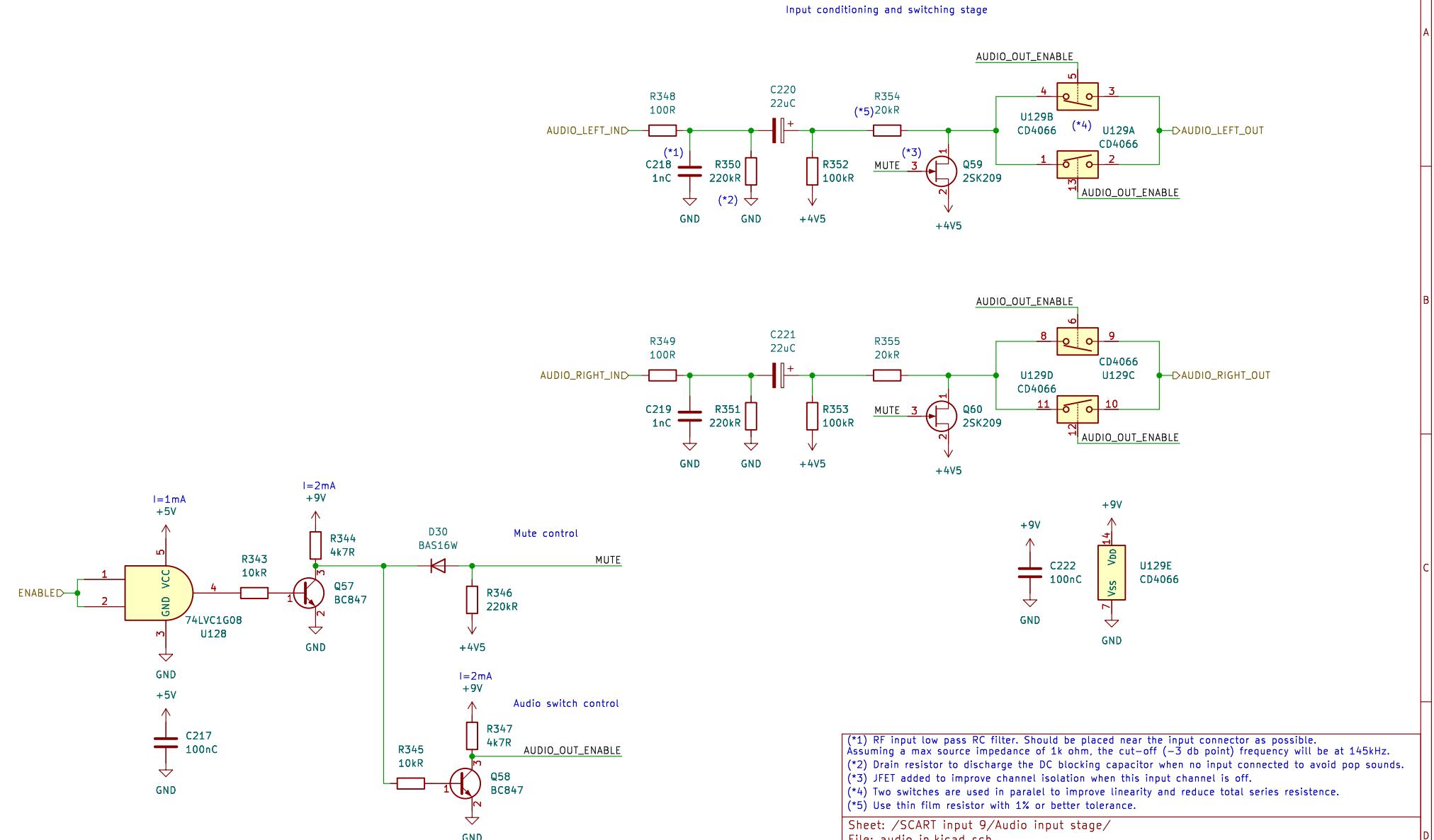
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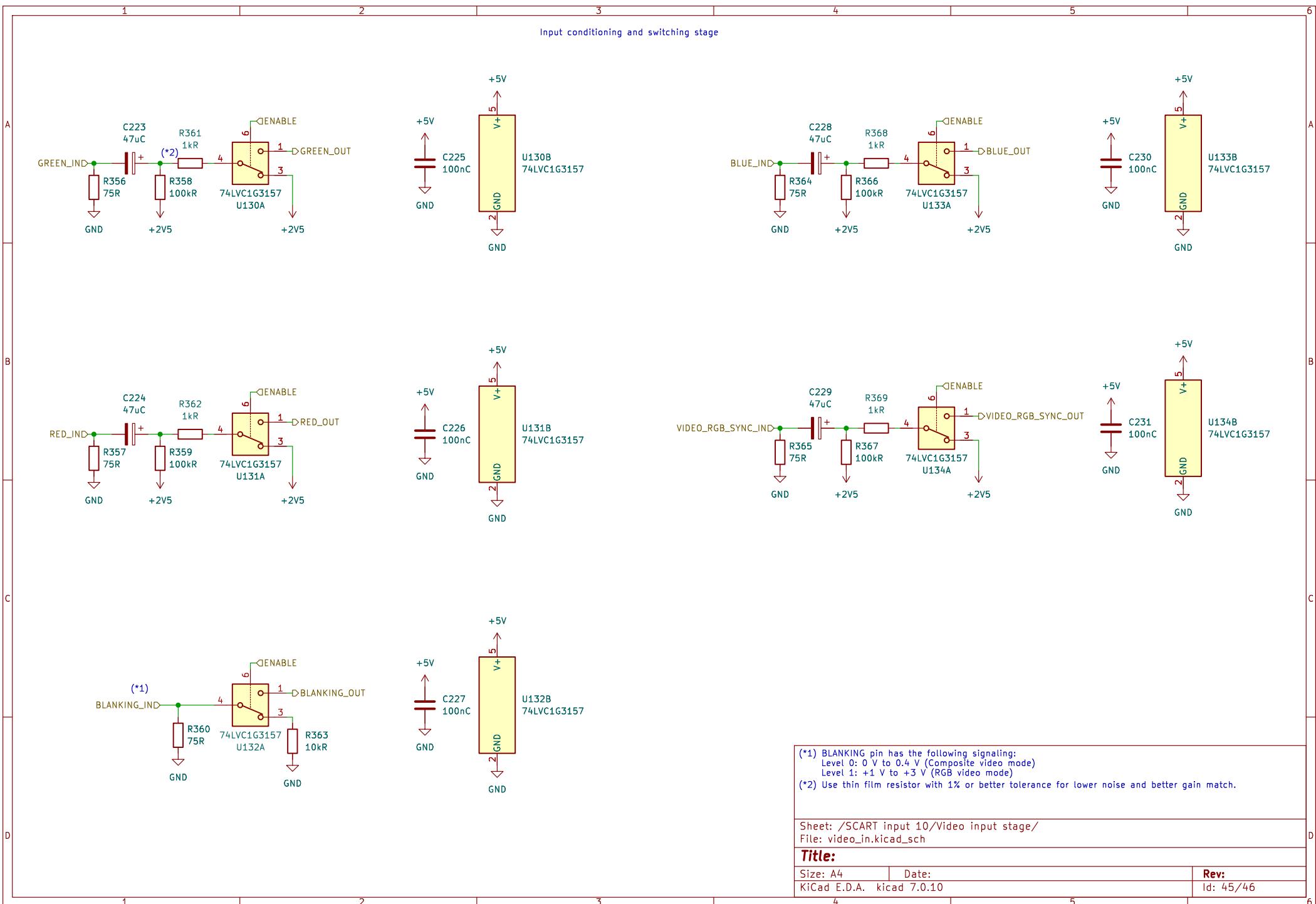


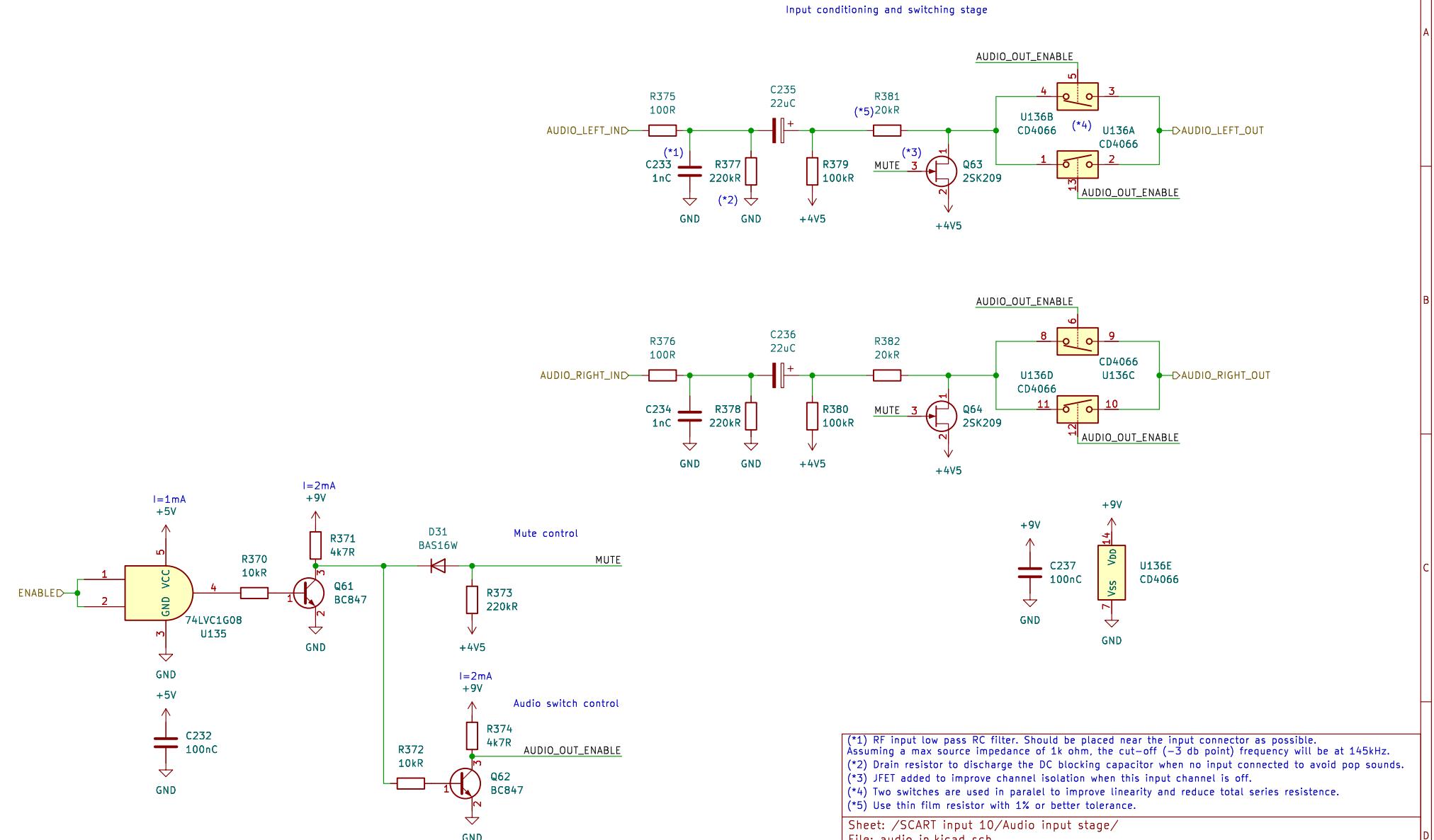




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