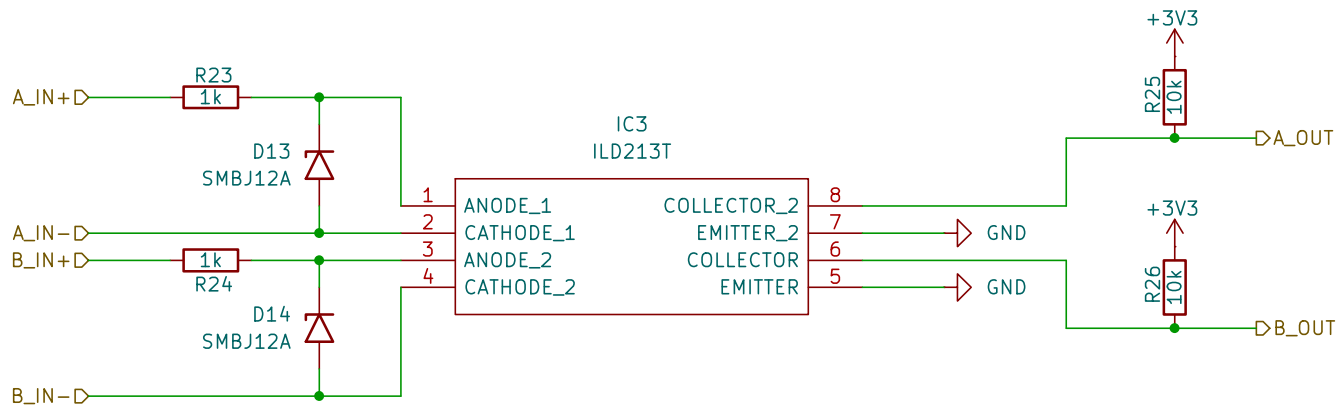
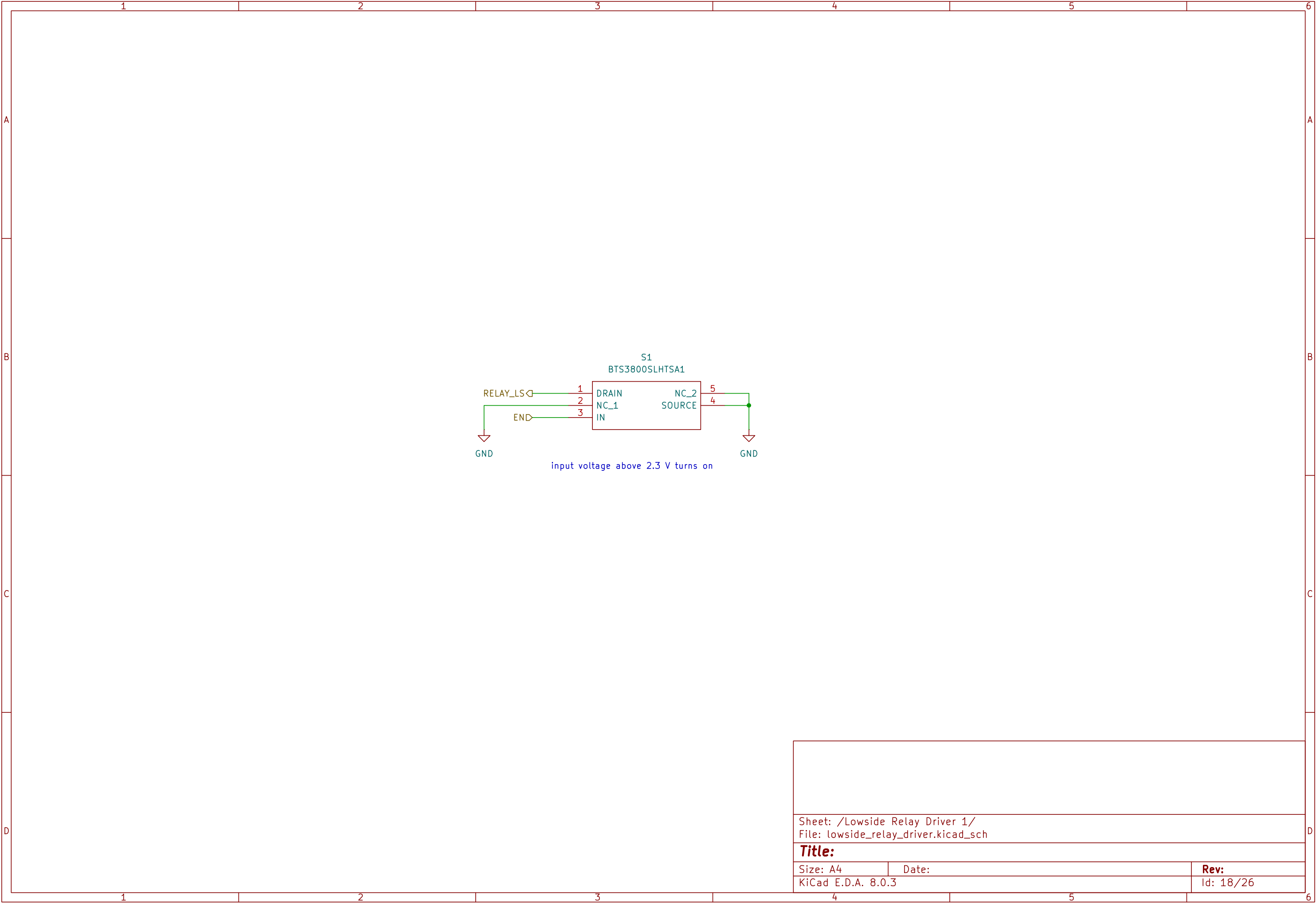


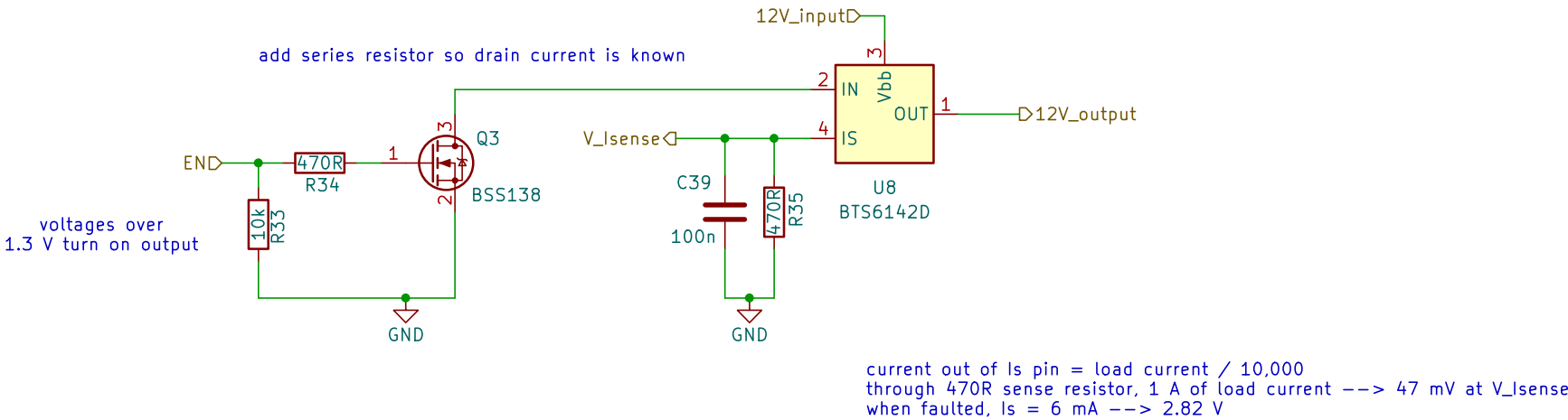
12V high or low side inputs
TVS breakdown at 13.3 V
12.1 mA nominal current trough opto diode











Sheet: /7A Highside Driver 3/
File: highside_driver_7A.kicad_sch

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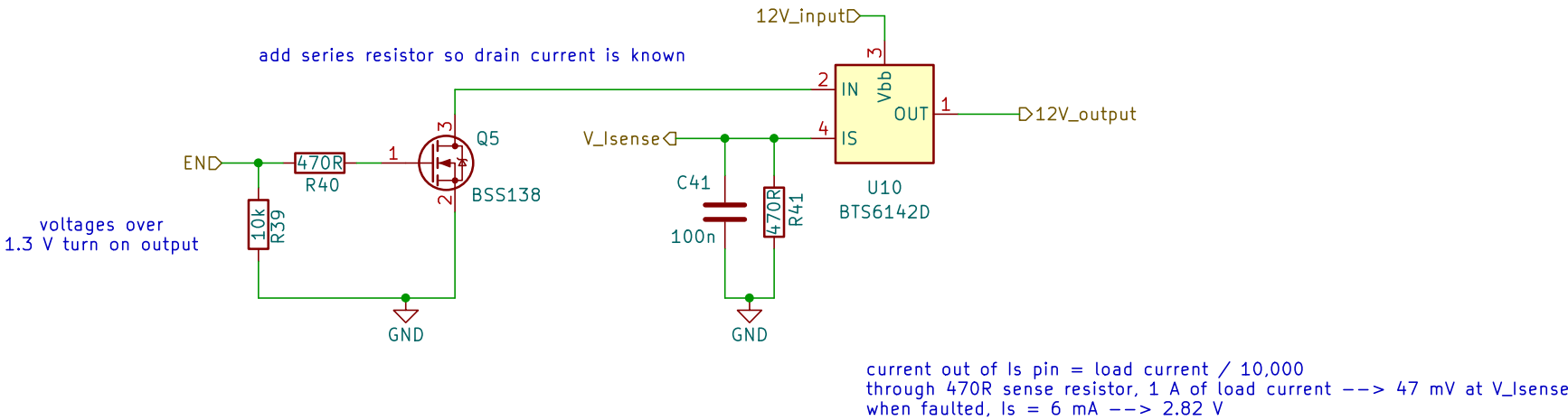
Size: A4

Date:

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Sheet: /7A Highside Driver 5/
File: highside_driver_7A.kicad_sch

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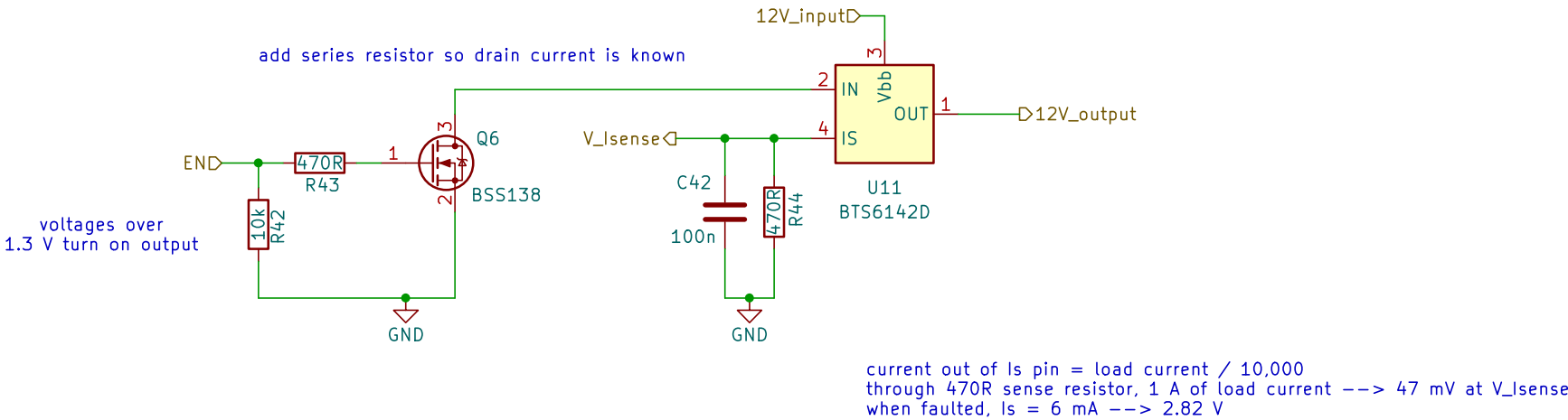
Size: A4

Date:

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Id: 14/26



Sheet: /7A Highside Driver 6/
File: highside_driver_7A.kicad_sch

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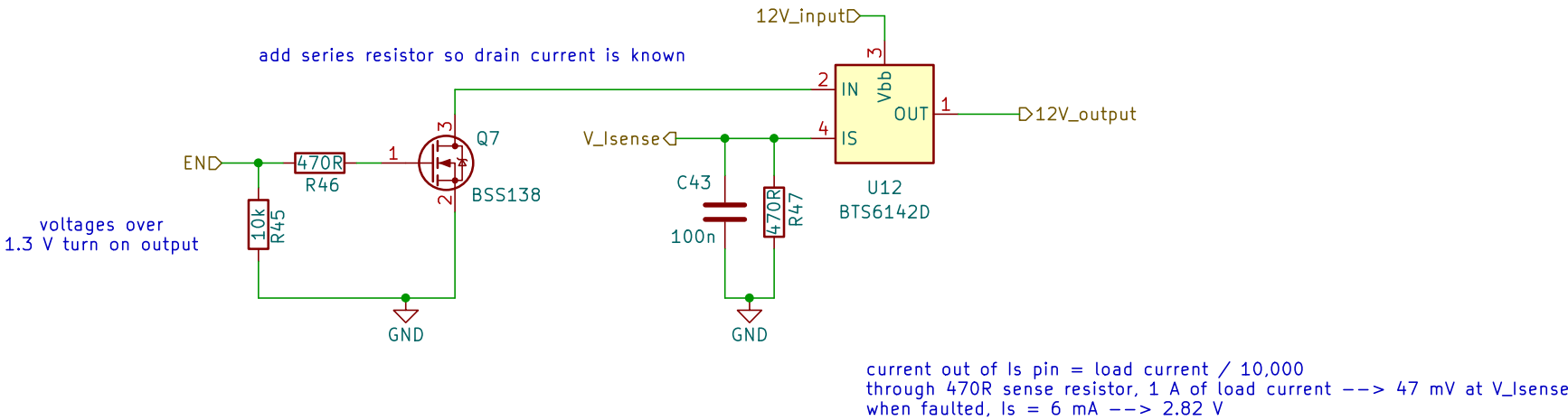
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Date:

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Sheet: /7A Highside Driver 7/
File: highside_driver_7A.kicad_sch

Title:

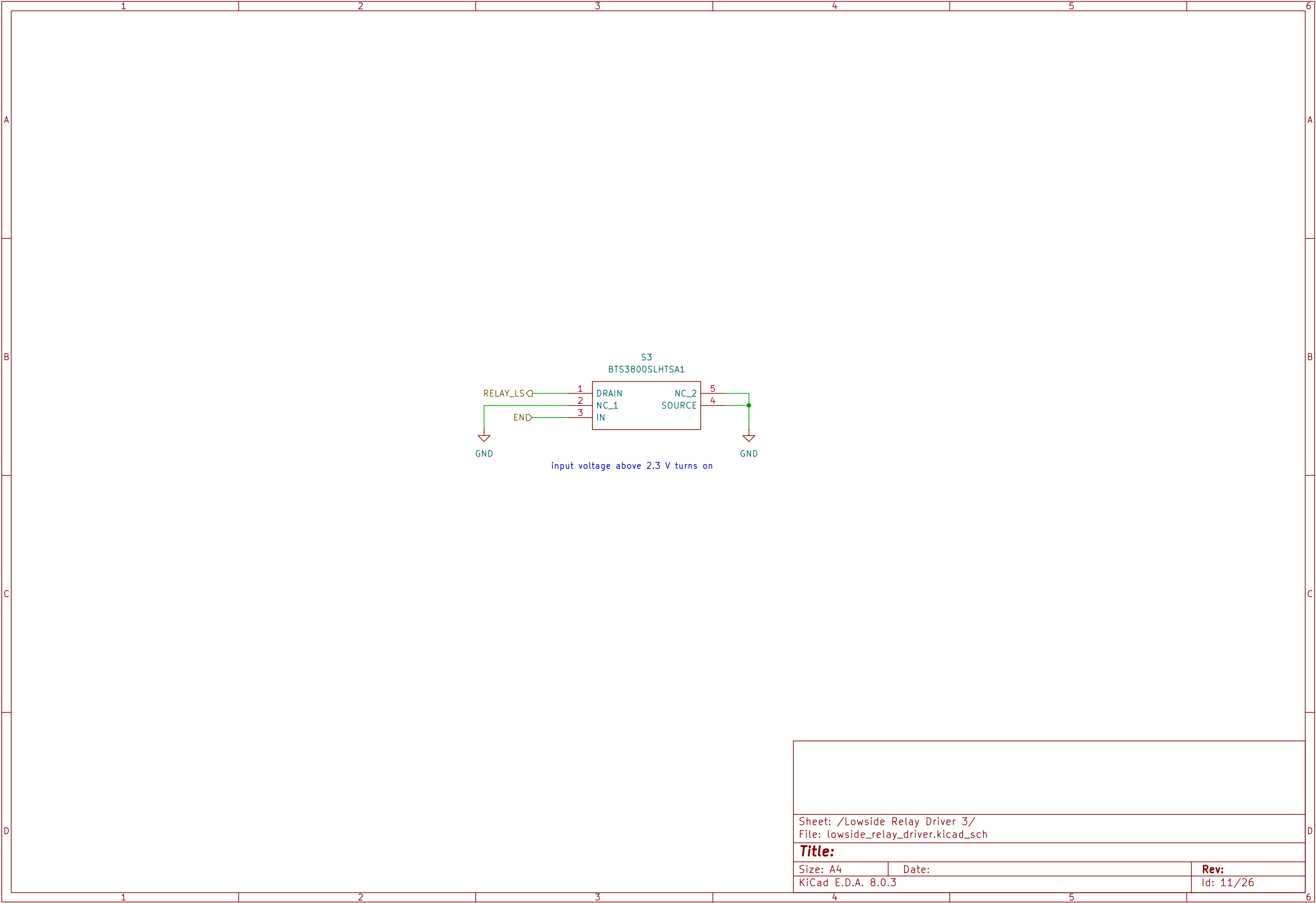
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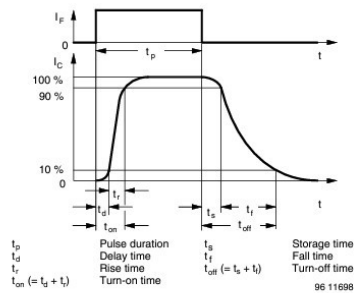
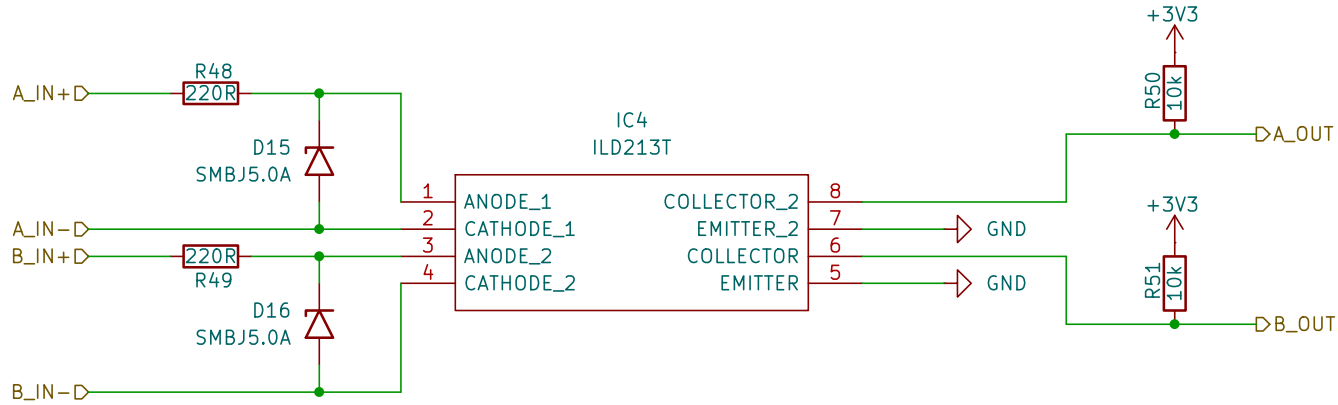
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3.3 V or 5 V high or low side inputs
TVS breakdown at 7.0 V
9.5 mA nominal current trough opto diode



opto timing info
with 10 mA through LED
turn-on time = 3 us
turn-off time = 10 us

quickest cycle = 15 us (2 us arbitrary plateau time)
--> 66 kHz max frequency

Sheet: /3.3 V to 3.3 V Iso Input 1/
File: iso_3V3_input.kicad_sch

Title:

Size: A4

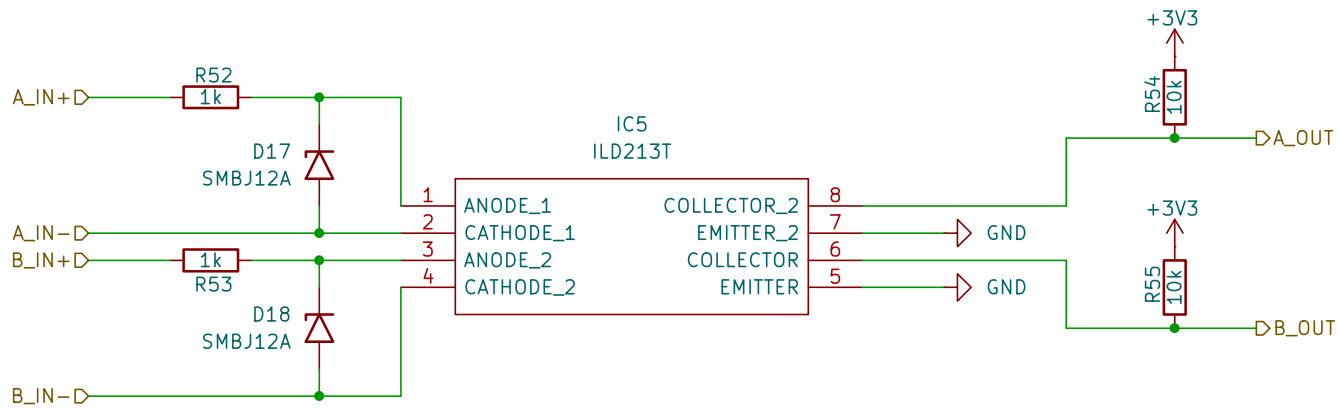
Date:

Rev:

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Id: 19/26

12V high or low side inputs
TVS breakdown at 13.3 V
12.1 mA nominal current trough opto diode



Sheet: /12 to 3.3 V Iso Input 1/
File: iso_12V_input.kicad_sch

Title:

Size: A4

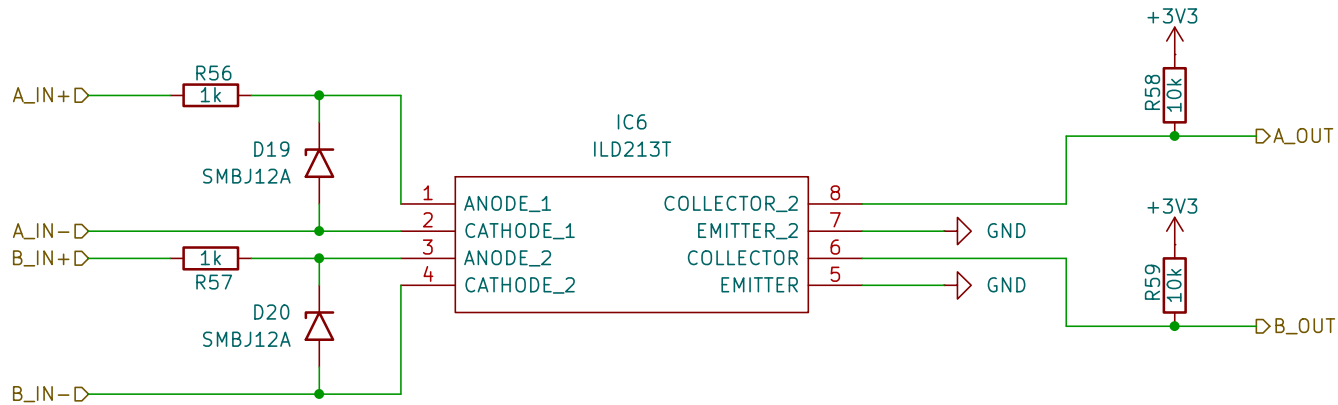
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Rev:

Id: 8/26

12V high or low side inputs
TVS breakdown at 13.3 V
12.1 mA nominal current trough opto diode



Sheet: /12 to 3.3 V Iso Input 4/
File: iso_12V_input.kicad_sch

Title:

Size: A4

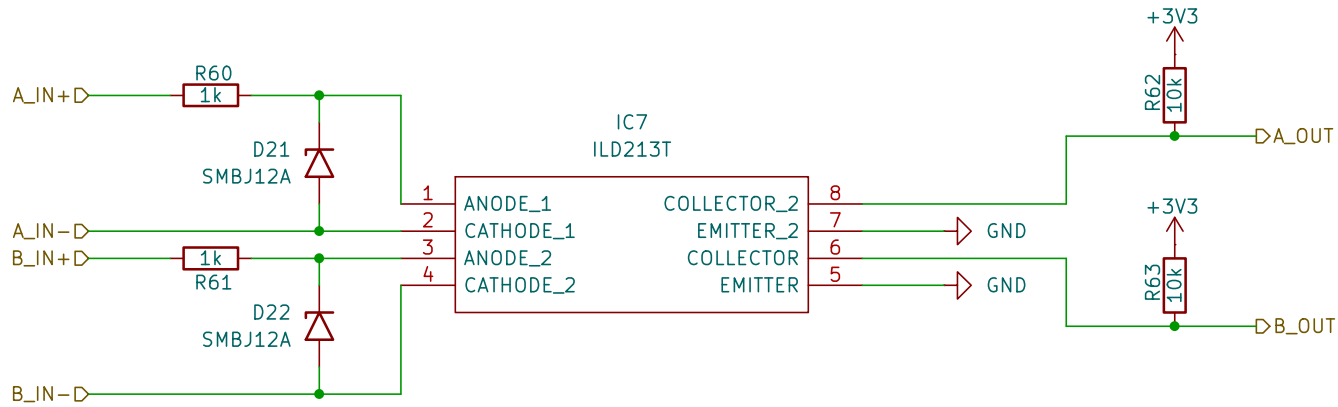
Date:

Rev:

KiCad E.D.A. 8.0.3

Id: 20/26

12V high or low side inputs
TVS breakdown at 13.3 V
12.1 mA nominal current trough opto diode



Sheet: /12 to 3.3 V Iso Input 5/
File: iso_12V_input.kicad_sch

Title:

Size: A4

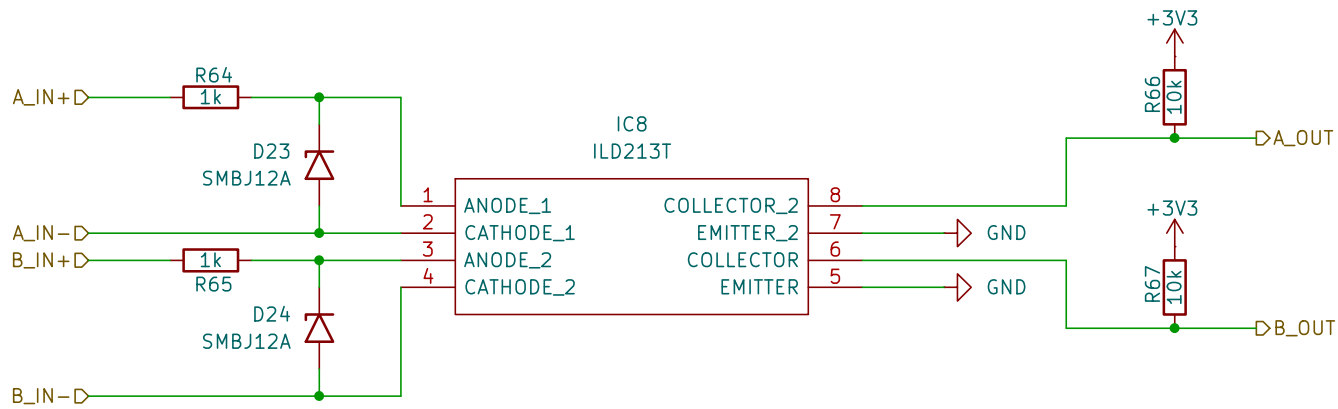
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Rev:

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Id: 21/26

12V high or low side inputs
TVS breakdown at 13.3 V
12.1 mA nominal current trough opto diode



Sheet: /12 to 3.3 V Iso Input 6/
File: iso_12V_input.kicad_sch

Title:

Size: A4

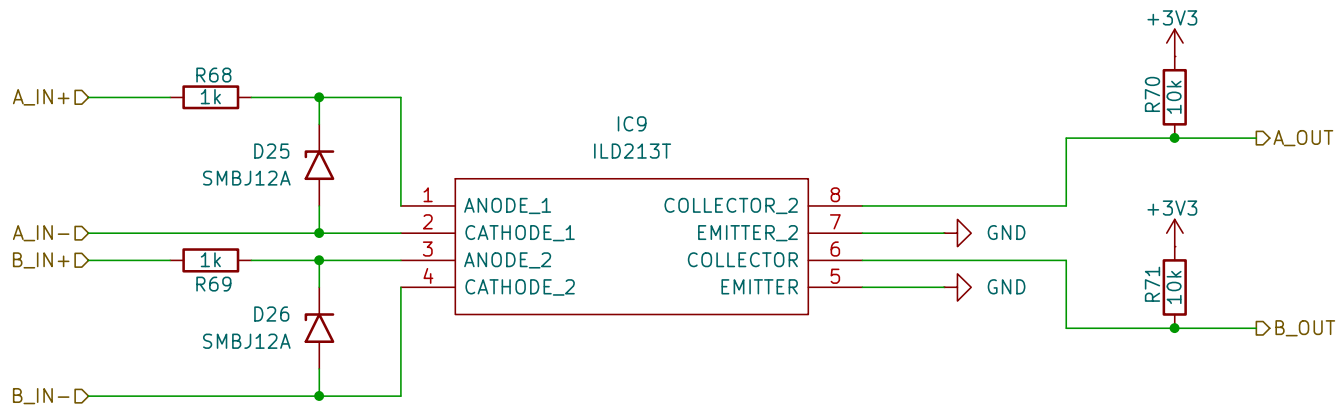
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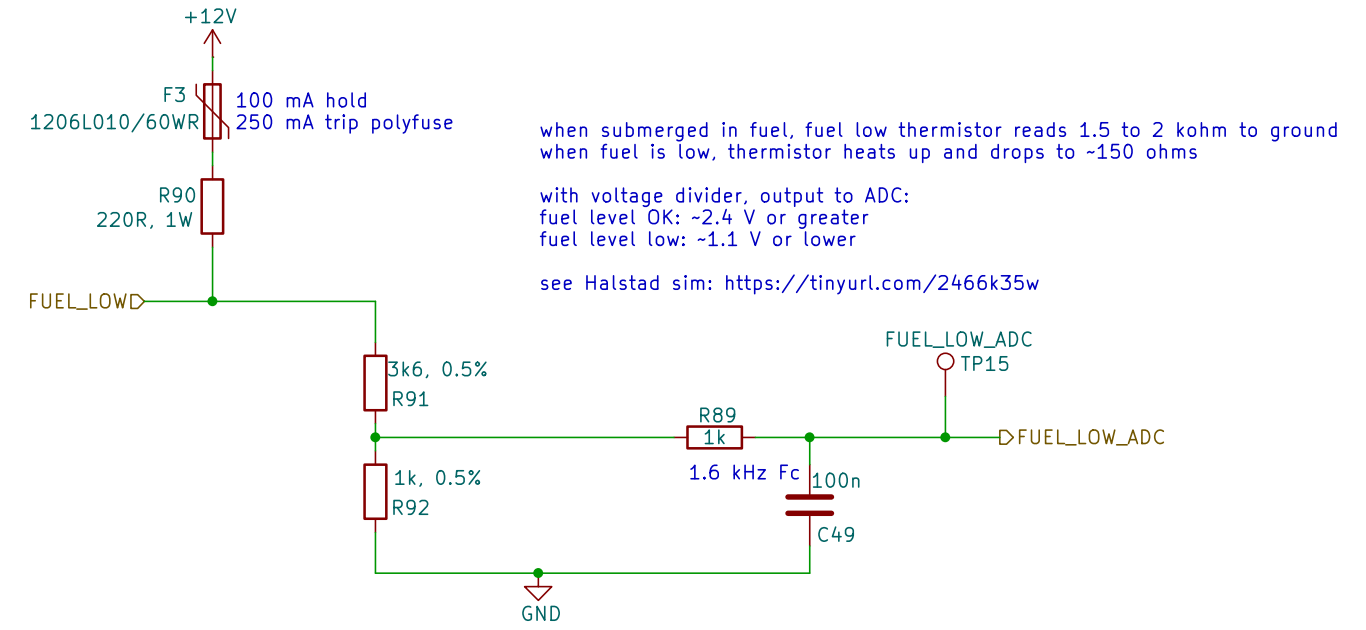
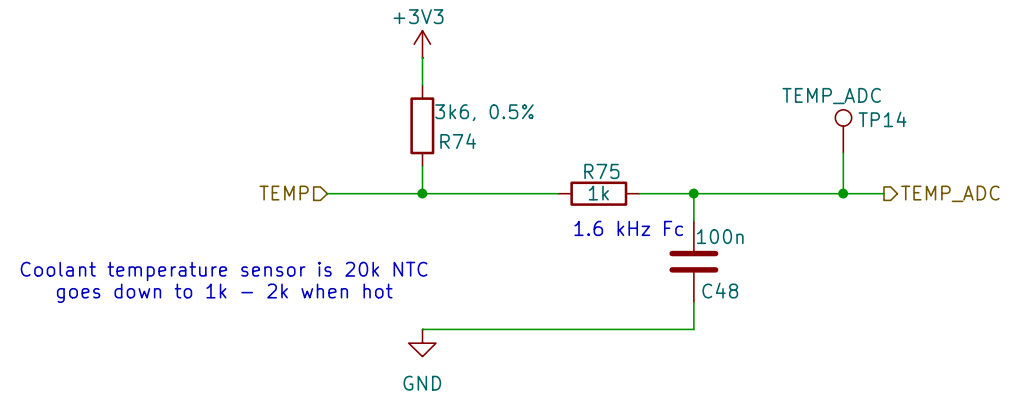
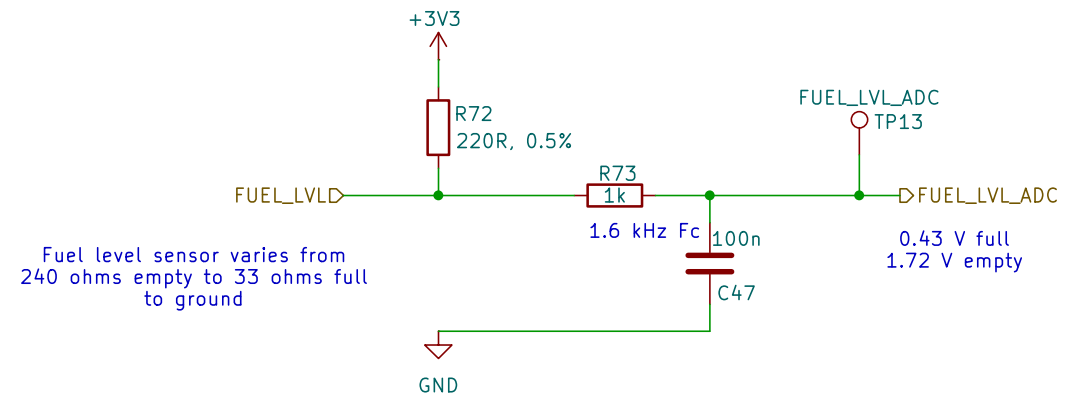
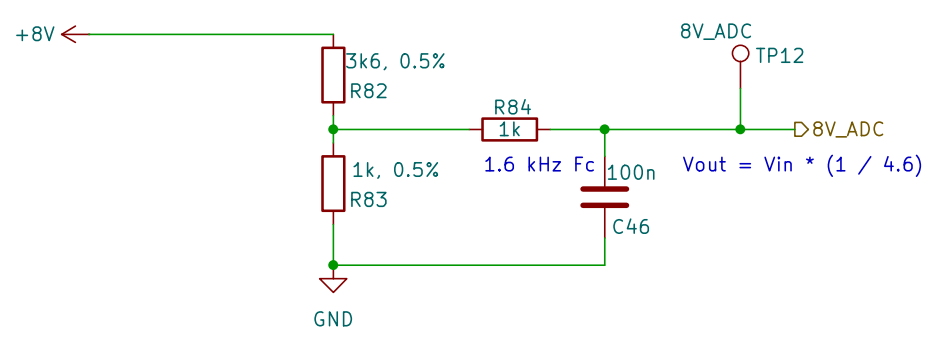
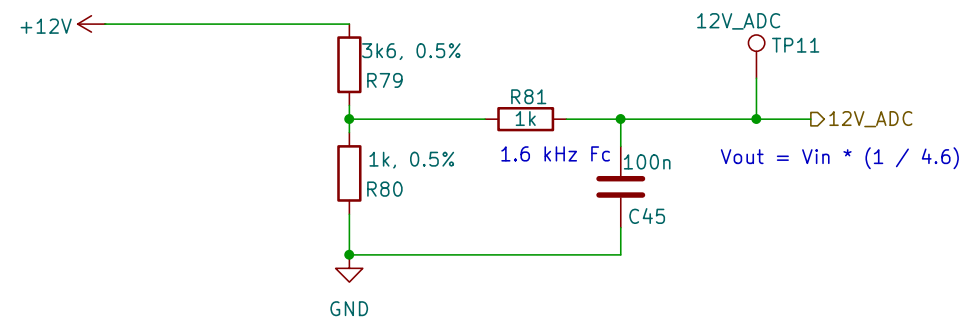
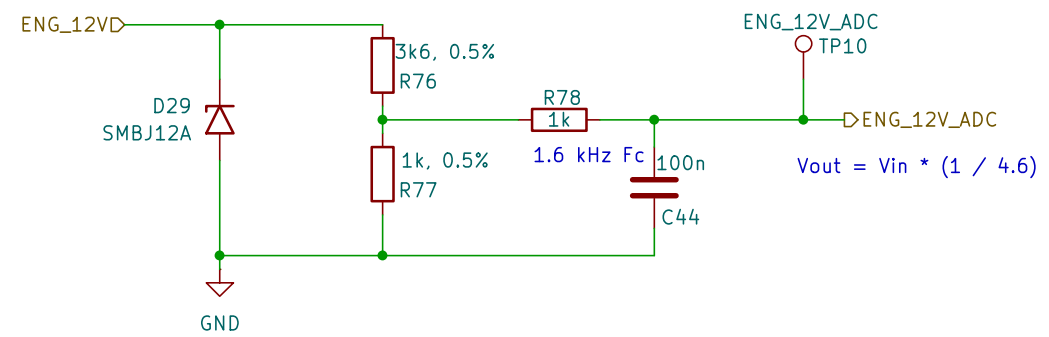
Rev:

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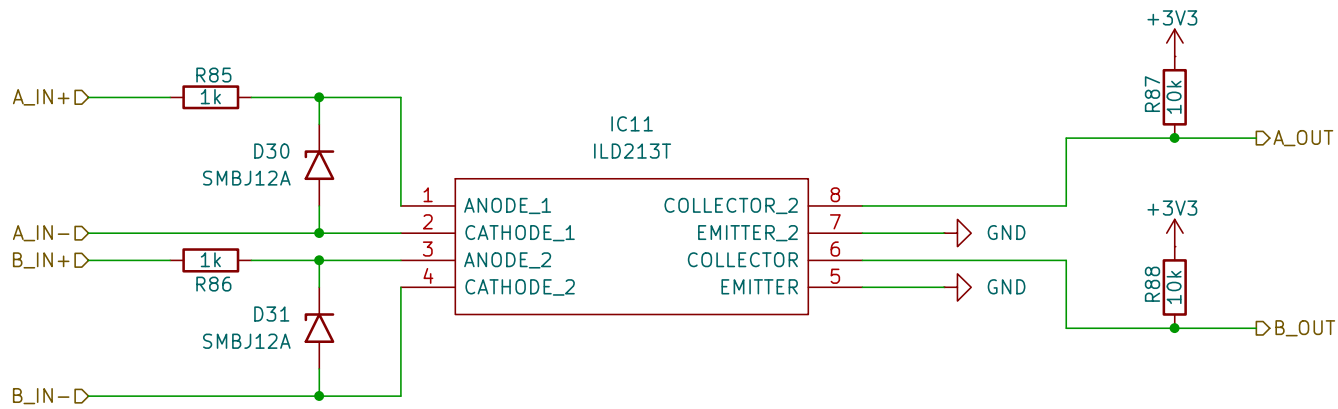
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12V high or low side inputs
TVS breakdown at 13.3 V
12.1 mA nominal current trough opto diode





12V high or low side inputs
TVS breakdown at 13.3 V
12.1 mA nominal current trough opto diode



Sheet: /12 to 3.3 V Iso Input 2/
File: iso_12V_input.kicad_sch

Title:

Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.3

Id: 24/26