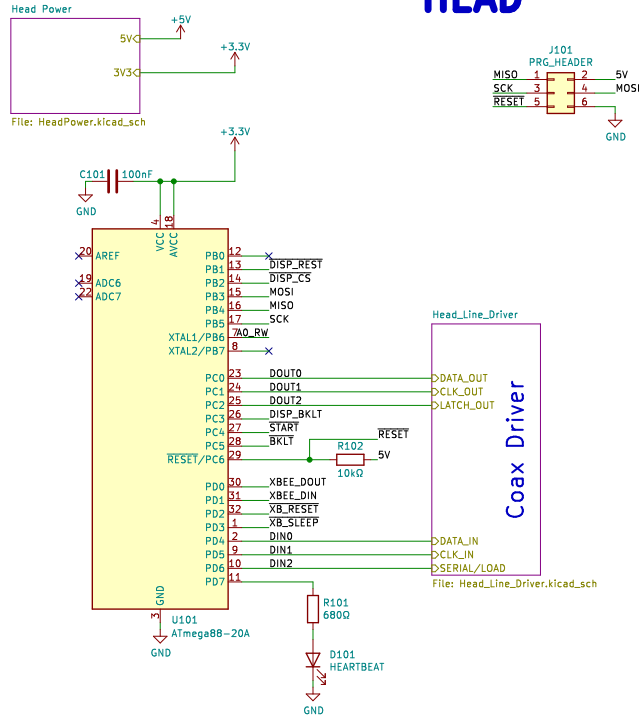
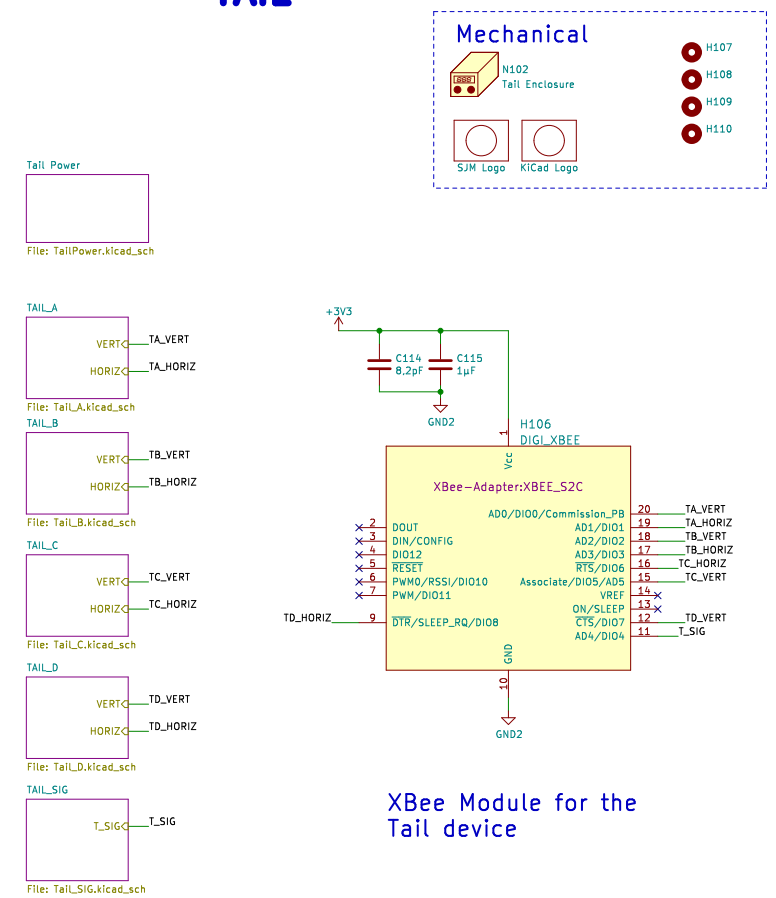


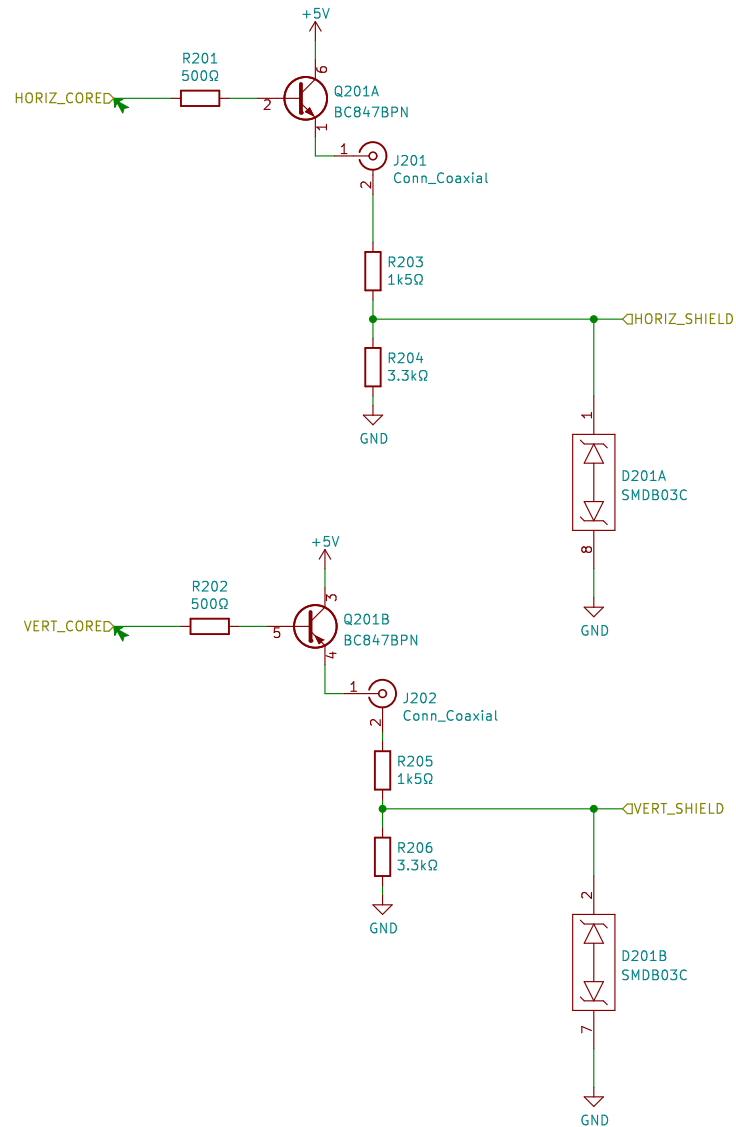
HEAD



TAIL



See about a dual-colour LED instead of two separate LEDs.



Sheet: /Head_Line_Driver/CH01_02H/
File: CH01_02H.kicad_sch

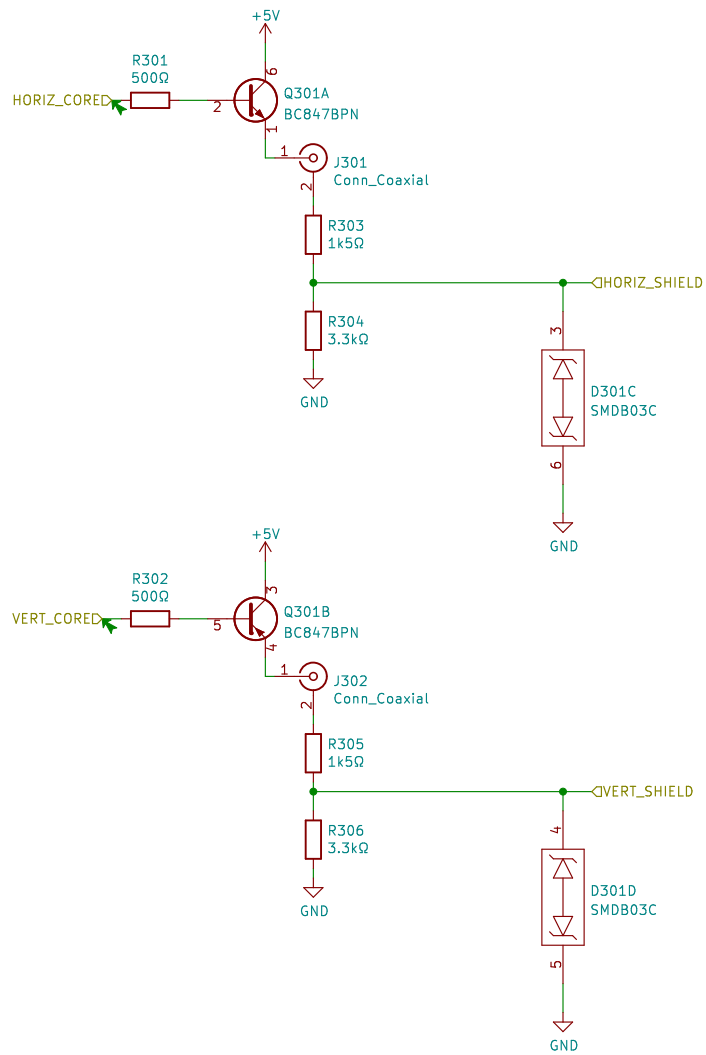
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Size: A4
KiCad E.D.A. kicad (6.0.9-0)

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Rev:

Id: 2/15



Sheet: /Head_Line_Driver/CH03_04H/
File: CH03_04H.kicad_sch

Title:

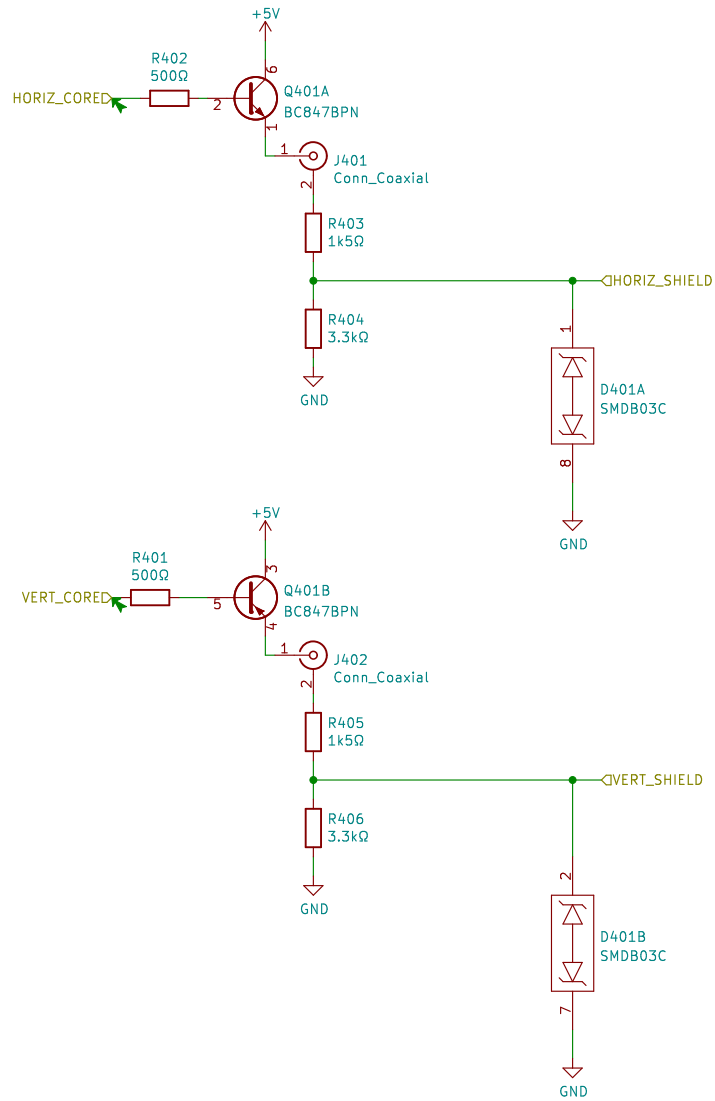
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Sheet: /Head_Line_Driver/CH05_06H/
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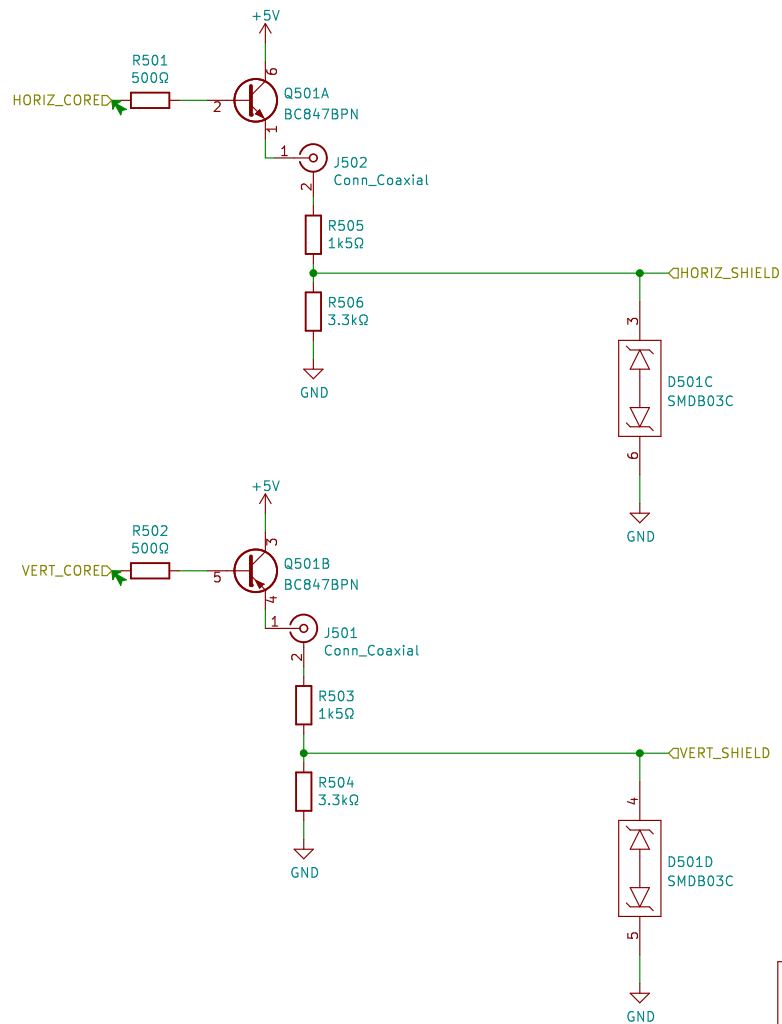
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KiCad E.D.A. kicad (6.0.9-0)

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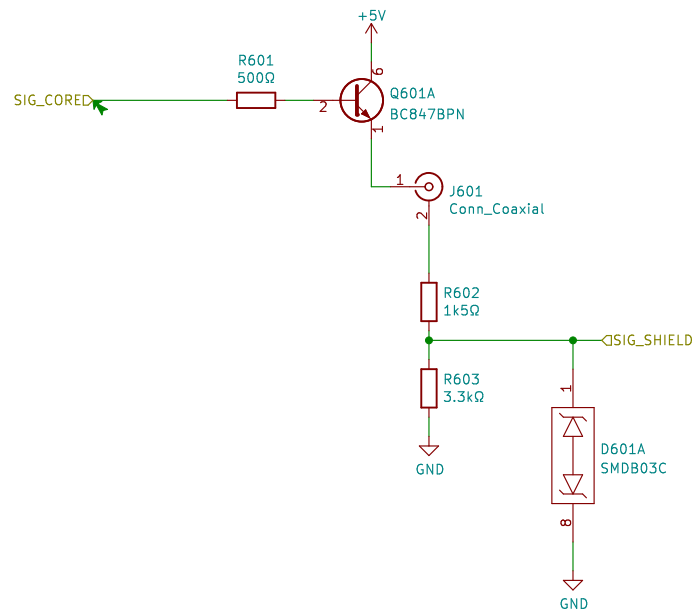
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Sheet: /Head_Line_Driver/CH09H/
File: CH09H.kicad_sch

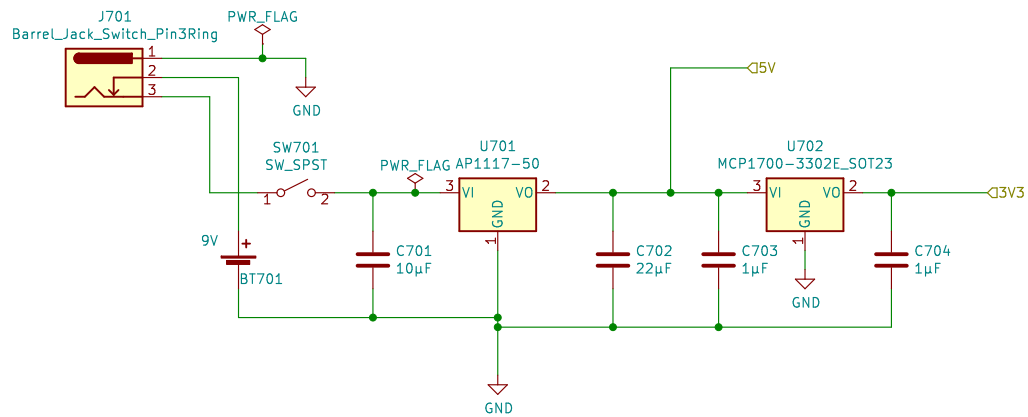
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Sheet: /Head Power/
File: HeadPower.kicad_sch

Title:

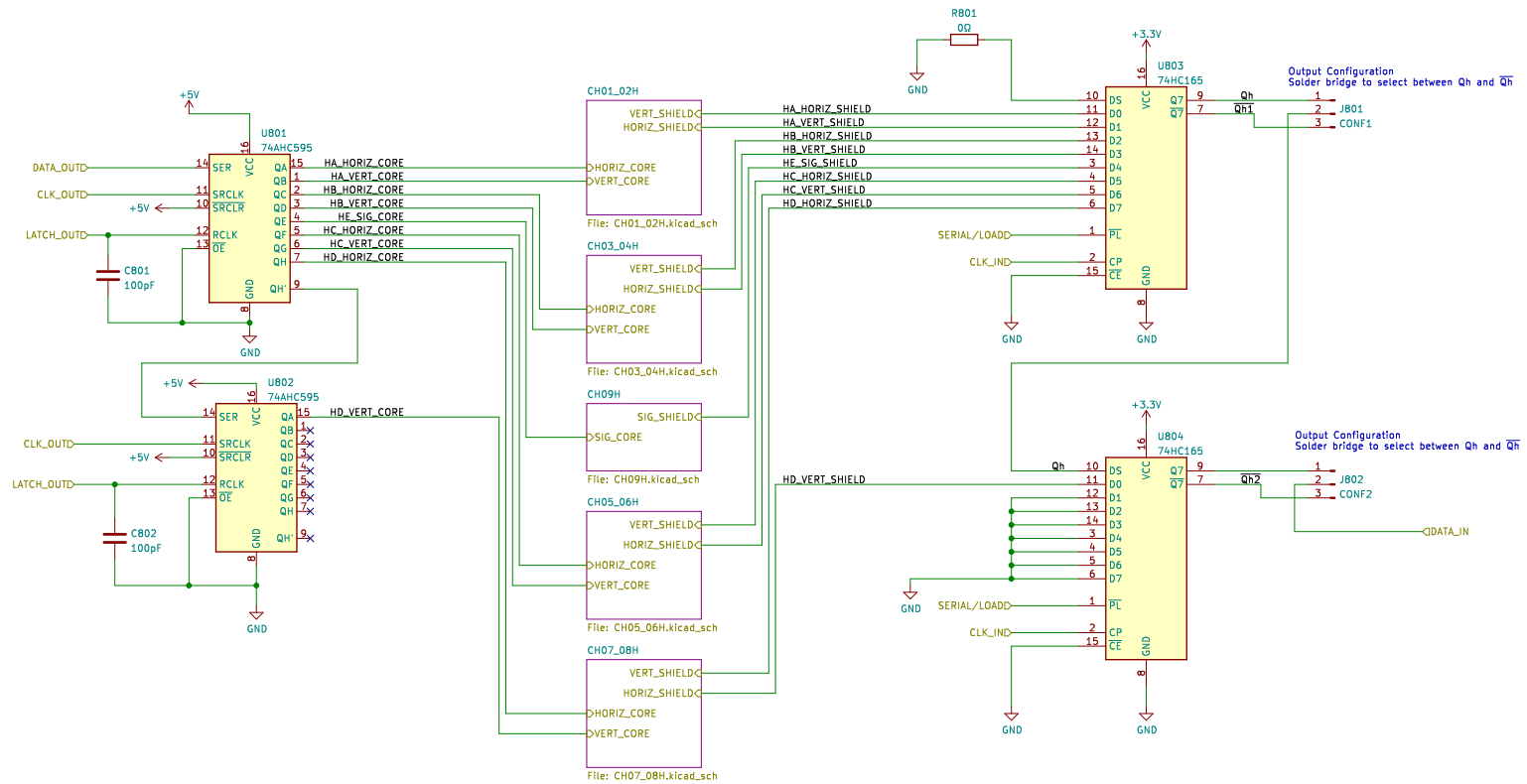
Size: A4
KiCad E.D.A. kicad (6.0.9-0)

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Each module connects to an F-Connector
The output from the 74HC595 goes to the core
and the input from the shield goes to the 75HC165.
In addition, there is a voltage divider incase the
return voltage needs to be stepped down.



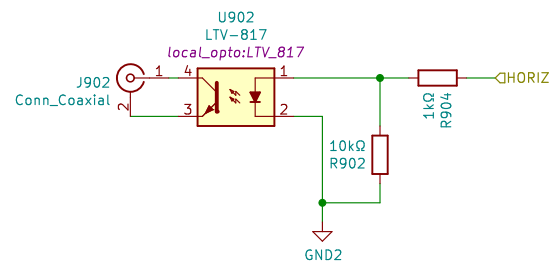
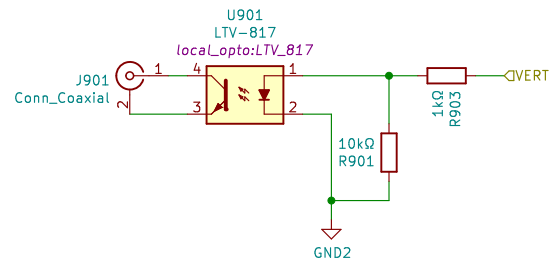
Q: Will there be any transmission effects?
i.e. by sending the signal down a possibly 20m cable.
It is not intended to be a pulse but a purely a change
in state.

Sheet: /Head_Line_Driver/
File: Head_Line_Driver.kicad_sch

Title:

Size: A3 Date:
KiCad E.D.A. kicad (6.0.9-0)

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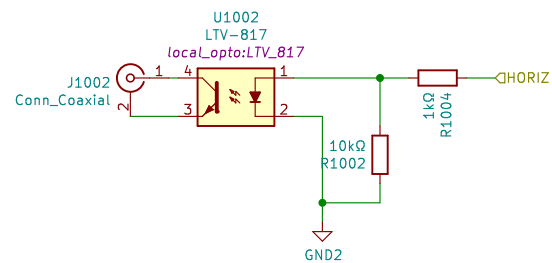
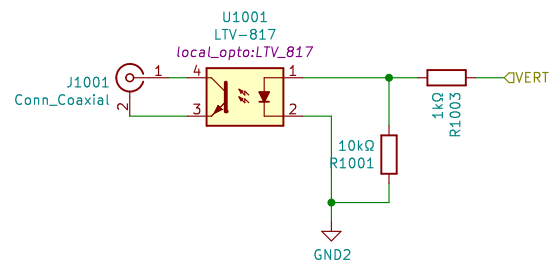
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File: Tail_A.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad (6.0.9-0)

Date:

Rev:
Id: 9/15



Sheet: /TAIL_B/
File: TaiL_B.kicad_sch

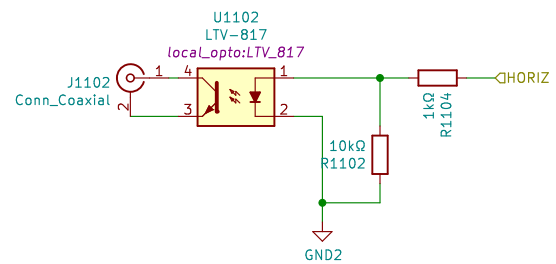
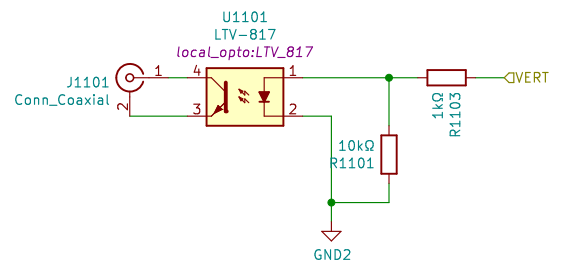
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KiCad E.D.A. kicad (6.0.9-0)

Date:

Rev:

Id: 10/15



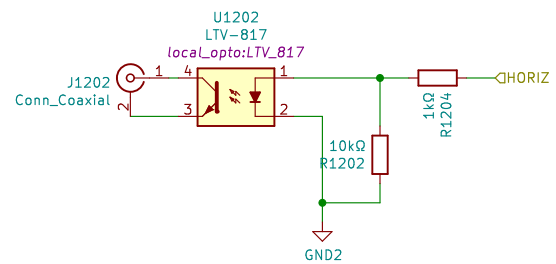
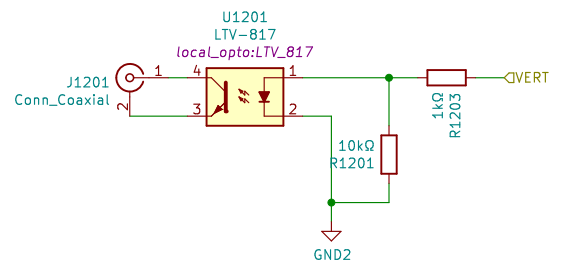
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Title:

Size: A4
KiCad E.D.A. kicad (6.0.9-0)

Date:

Rev:
Id: 11/15



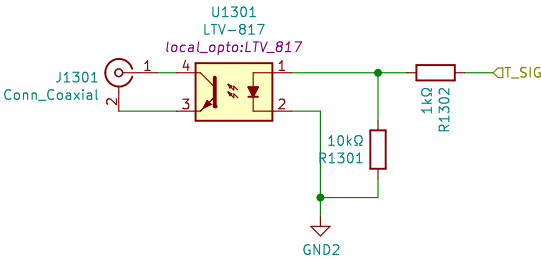
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Title:

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Date:

Rev:
Id: 12/15



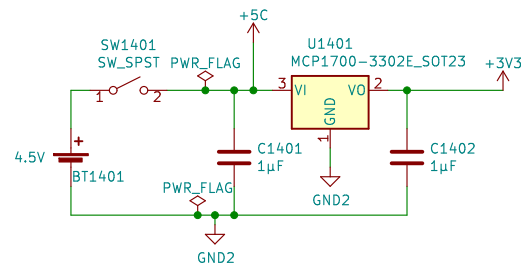
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Title:

Size: A4
KiCad E.D.A. kicad (6.0.9-0)

Date:

Rev:
Id: 13/15

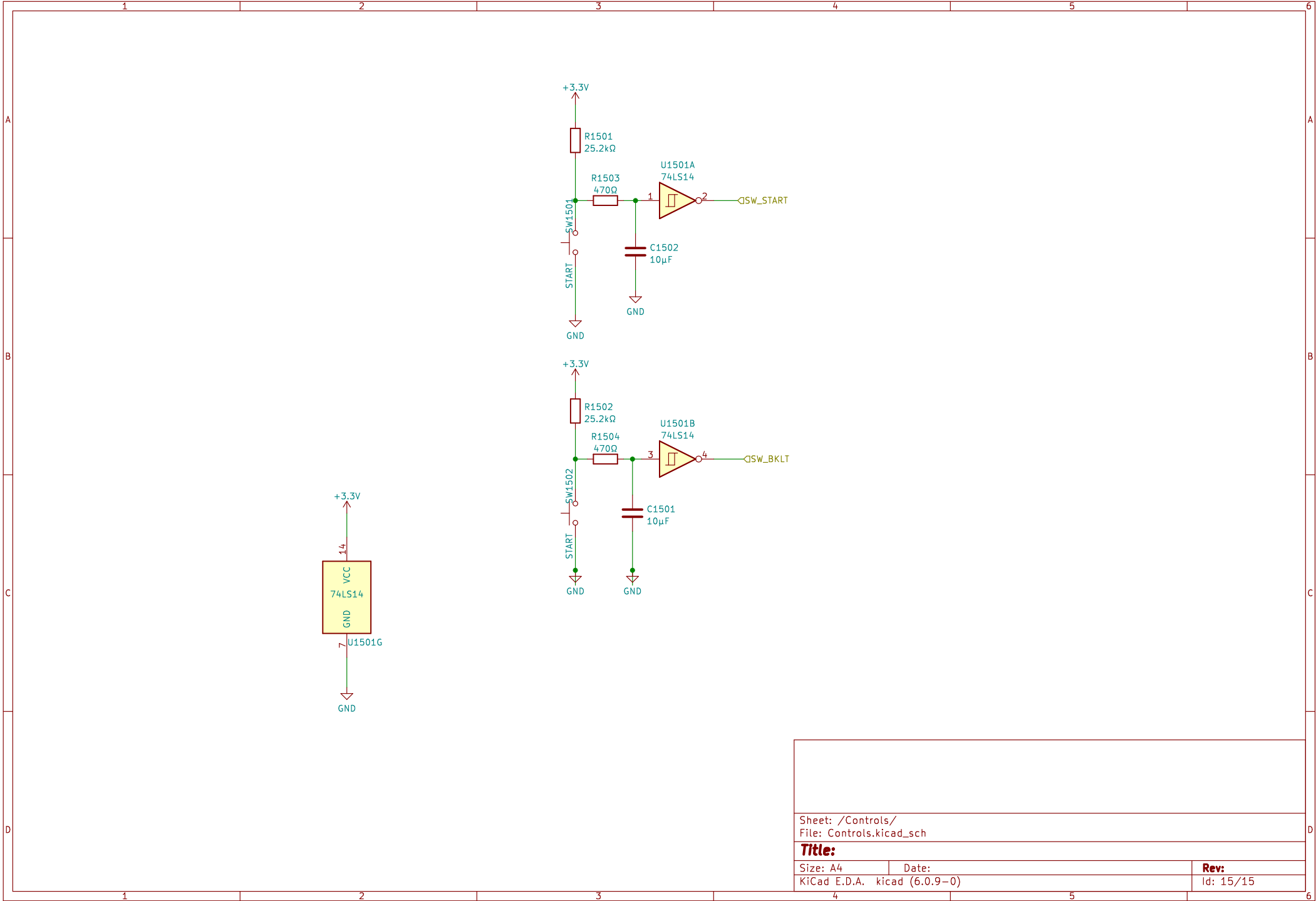


Sheet: /Tail Power/
File: TailPower.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad (6.0.9-0)

Rev:
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|---|-------|-------------|
| Sheet: /Controls/ File: Controls.kicad_sch | | |
| Title: | | |
| Size: A4 | Date: | Rev: |
| KiCad E.D.A. kicad (6.0.9-0) | | Id: 15/15 |