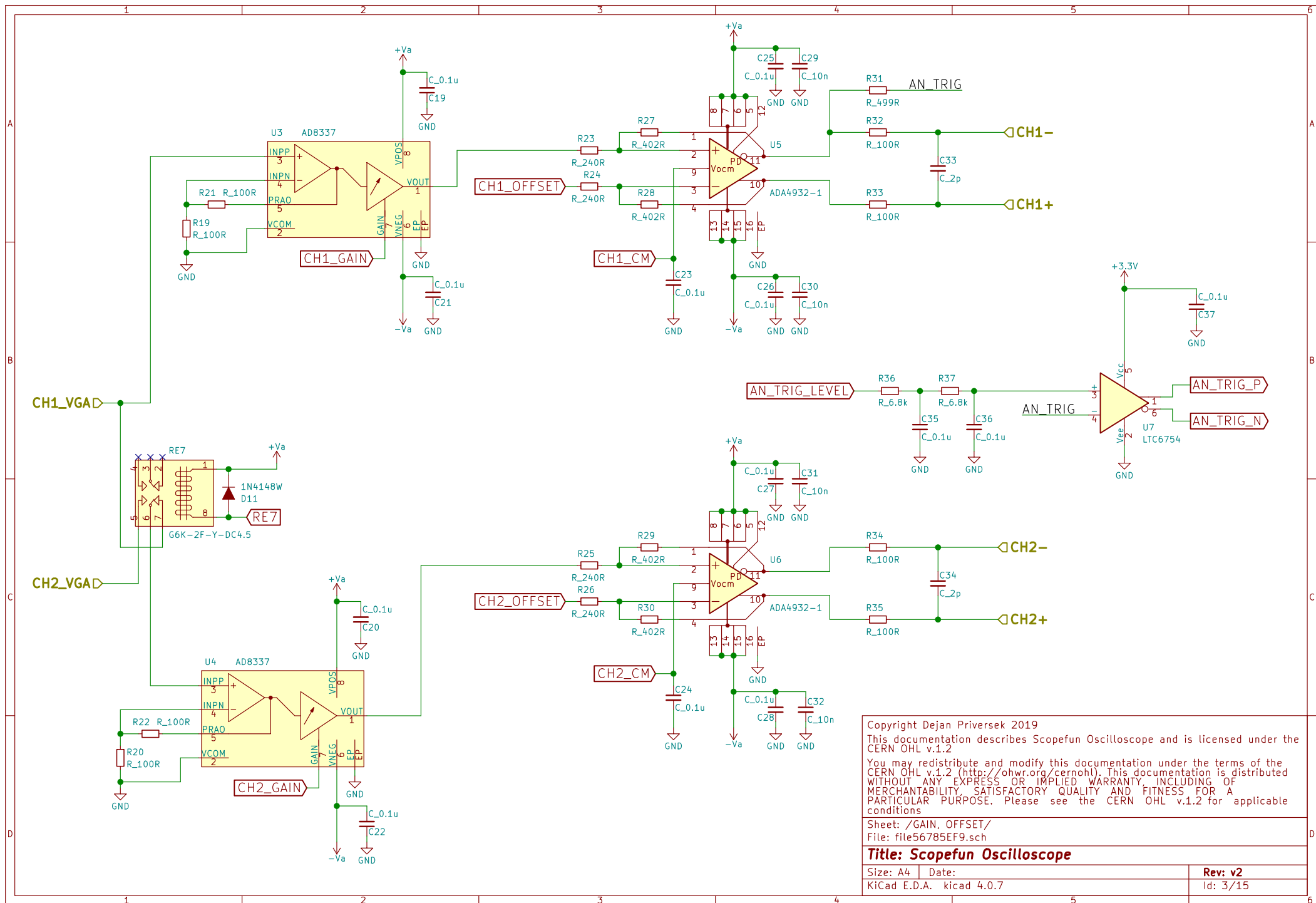


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**Title: Scopefun Oscilloscope**

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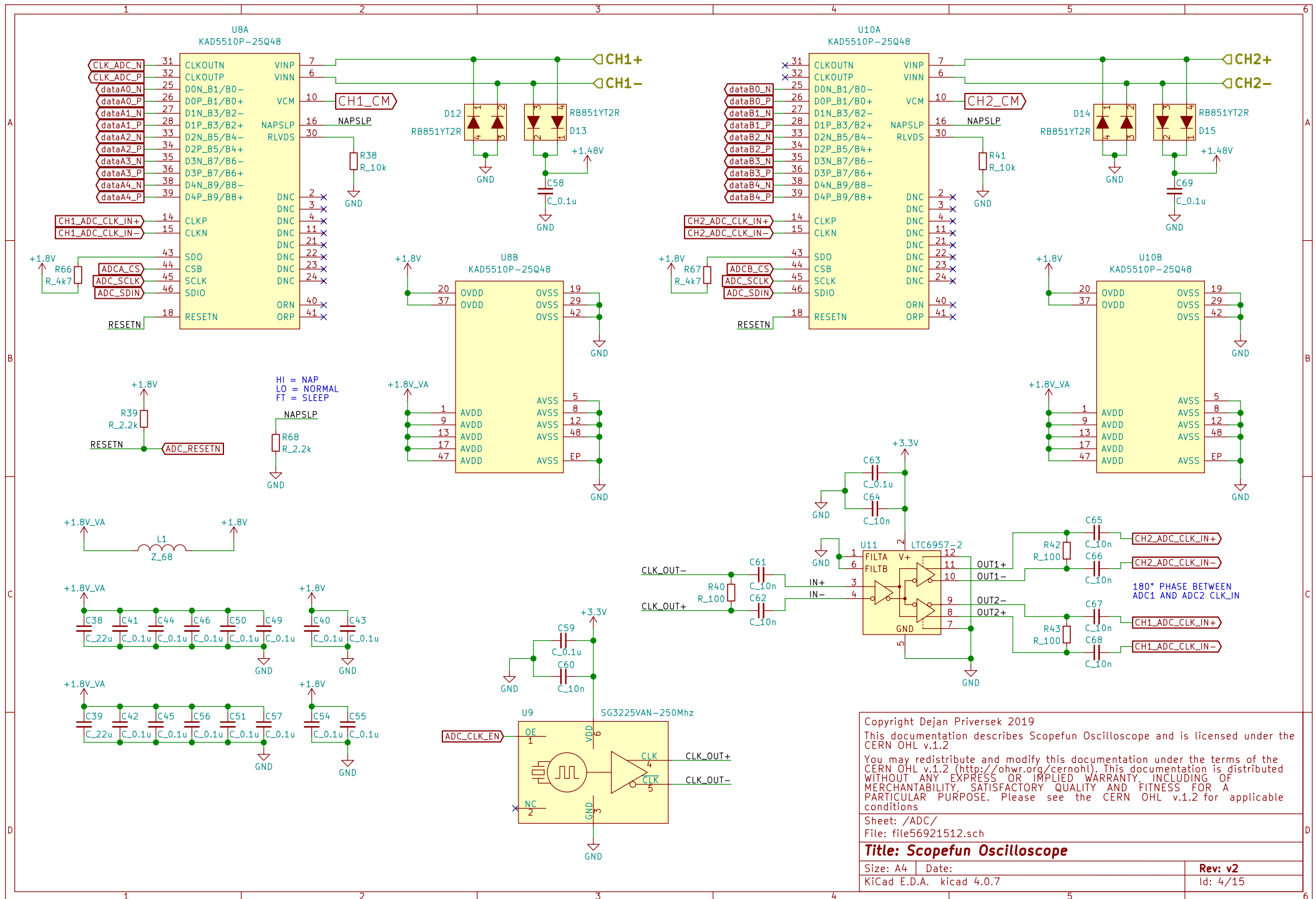


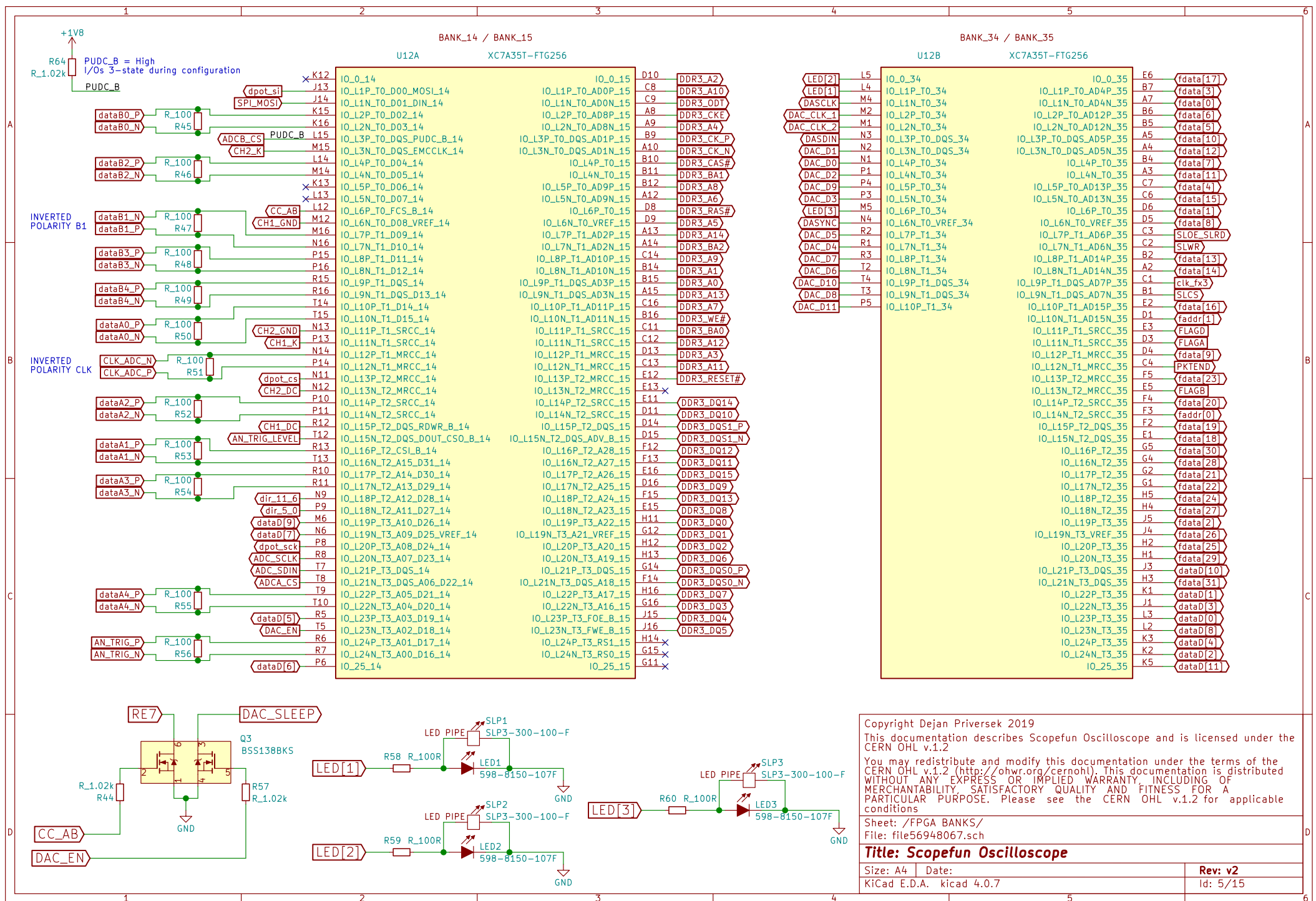
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 File: file56785EF9.sch

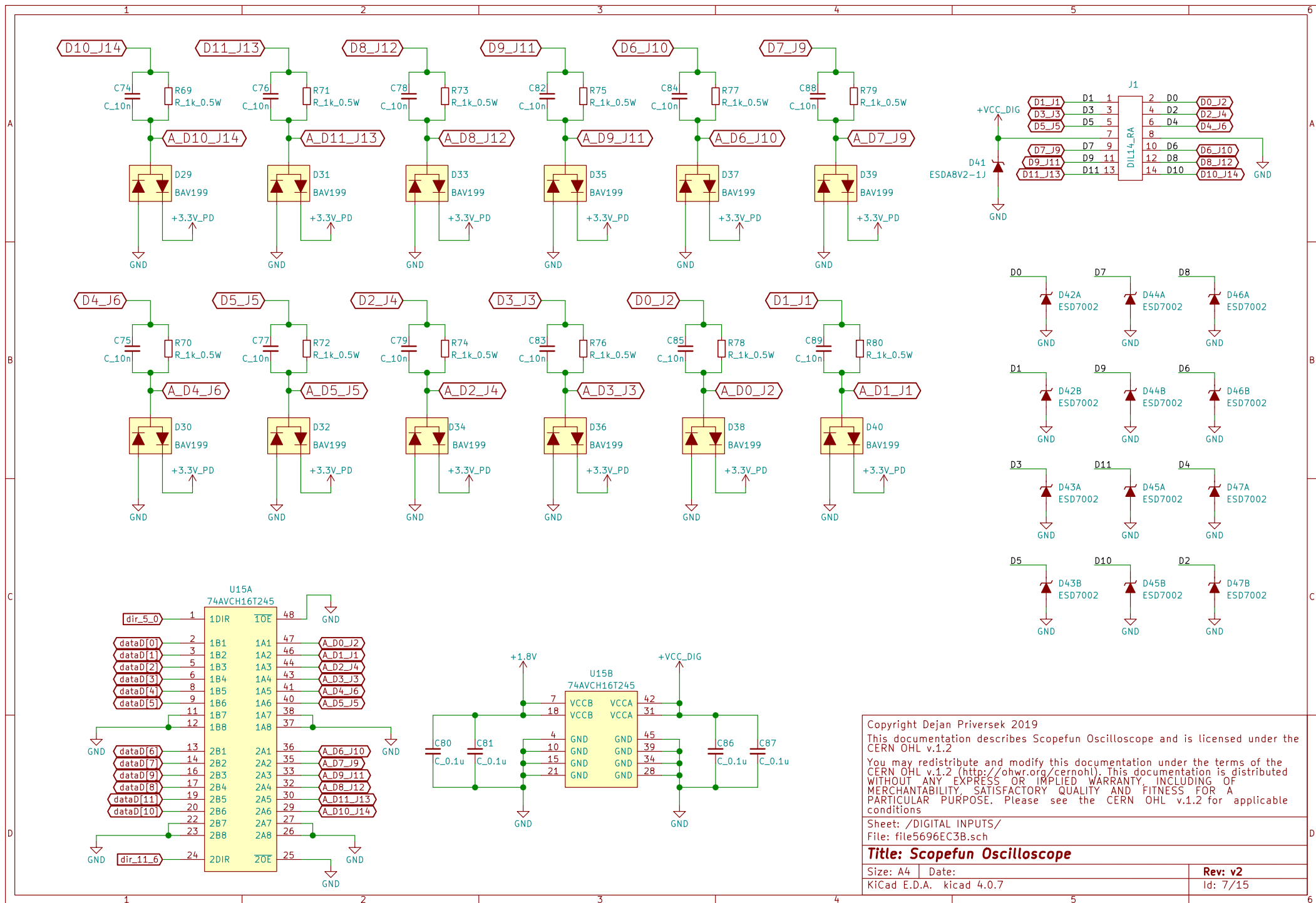
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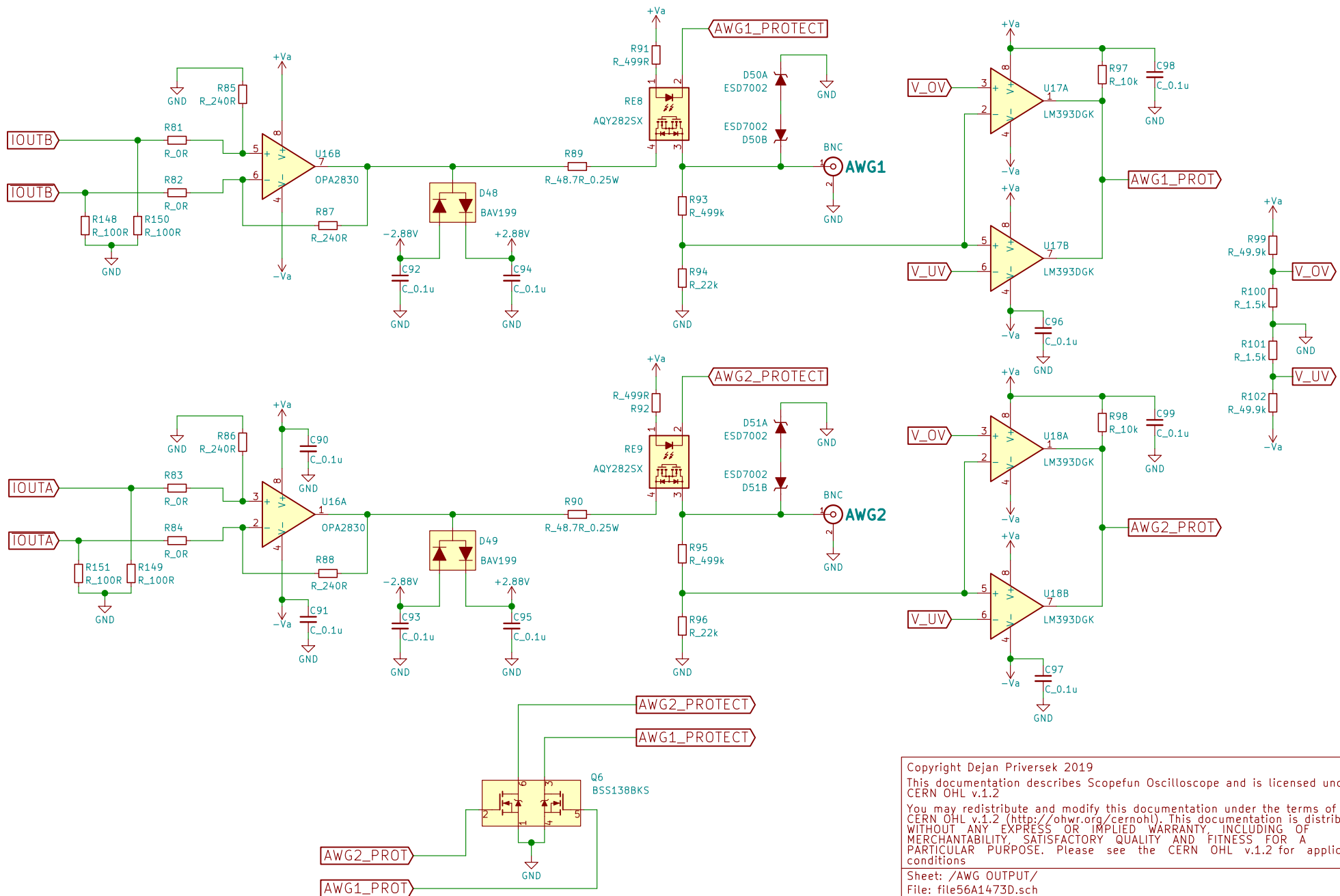
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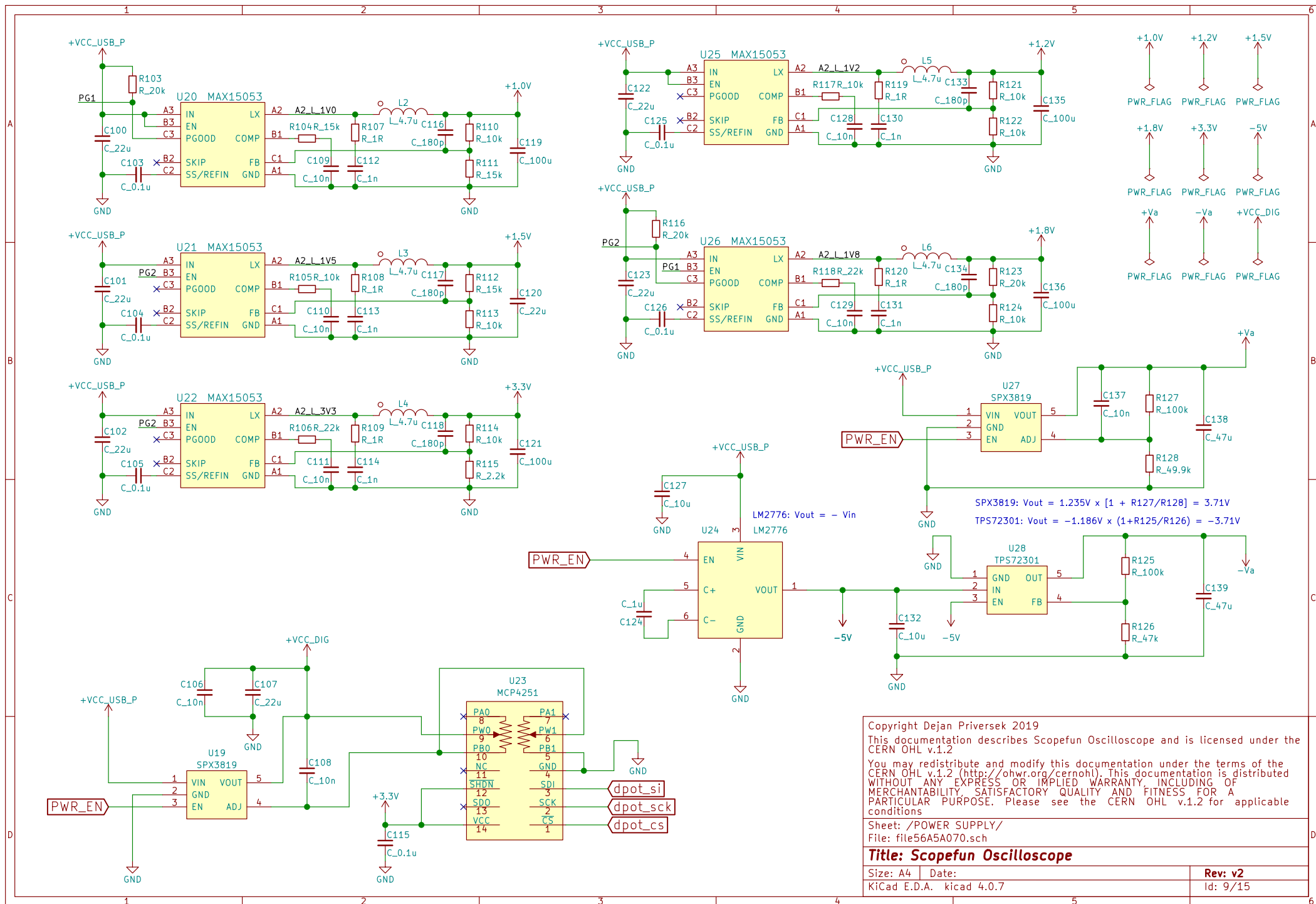
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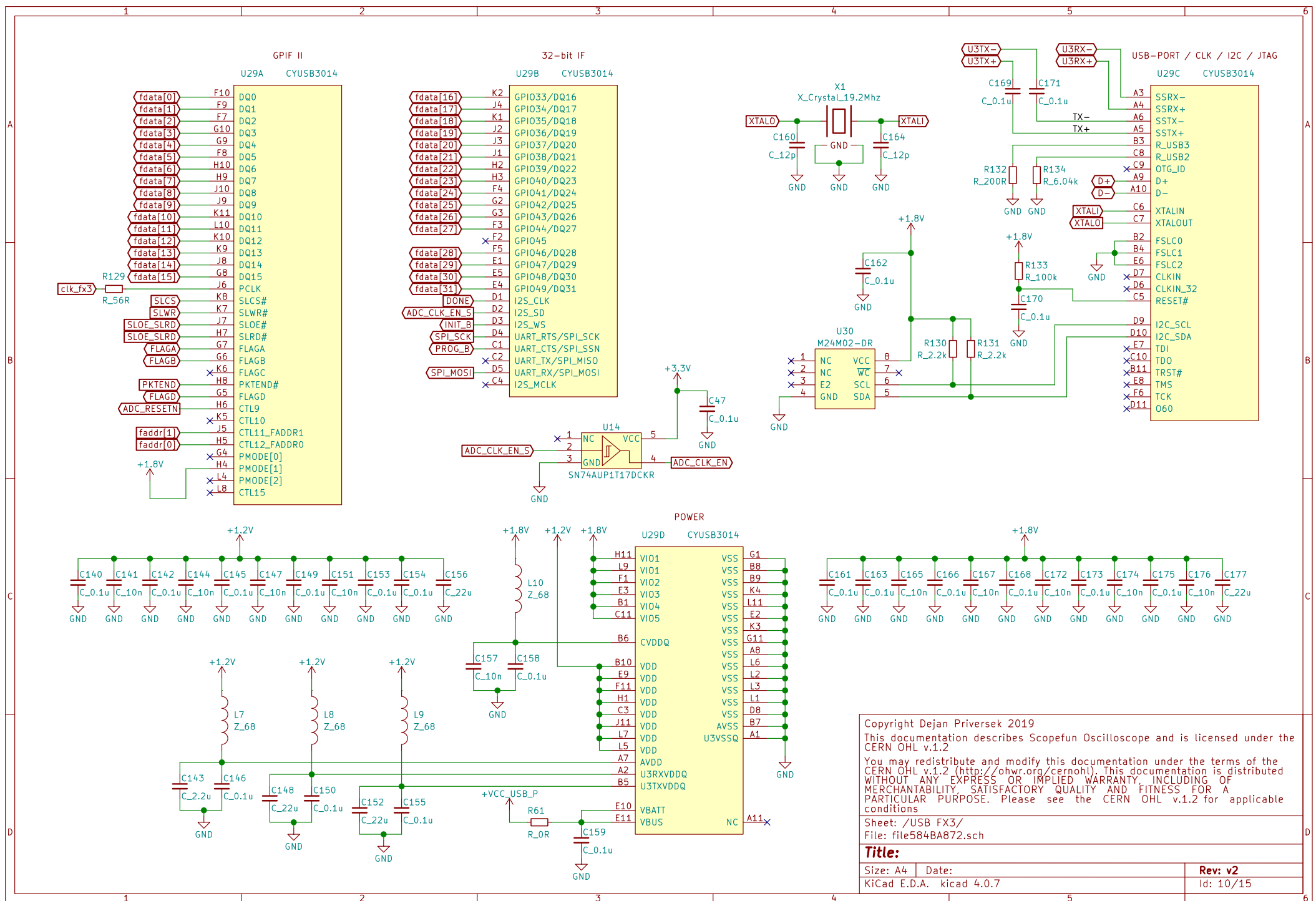
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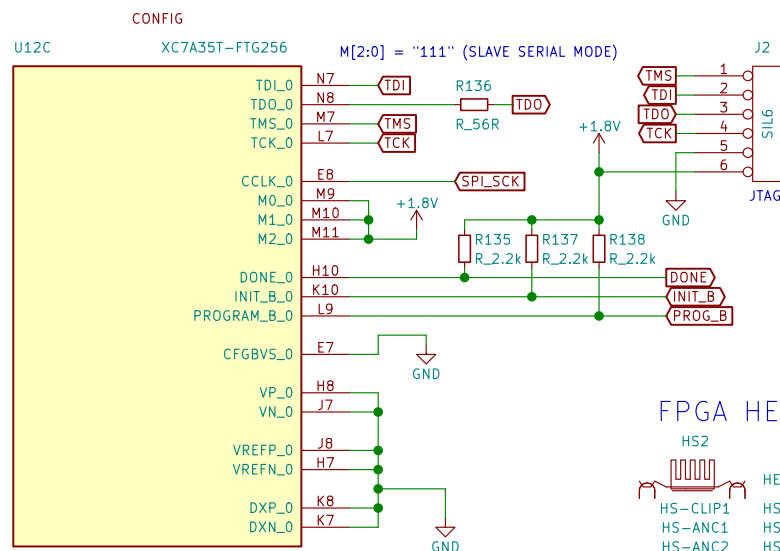
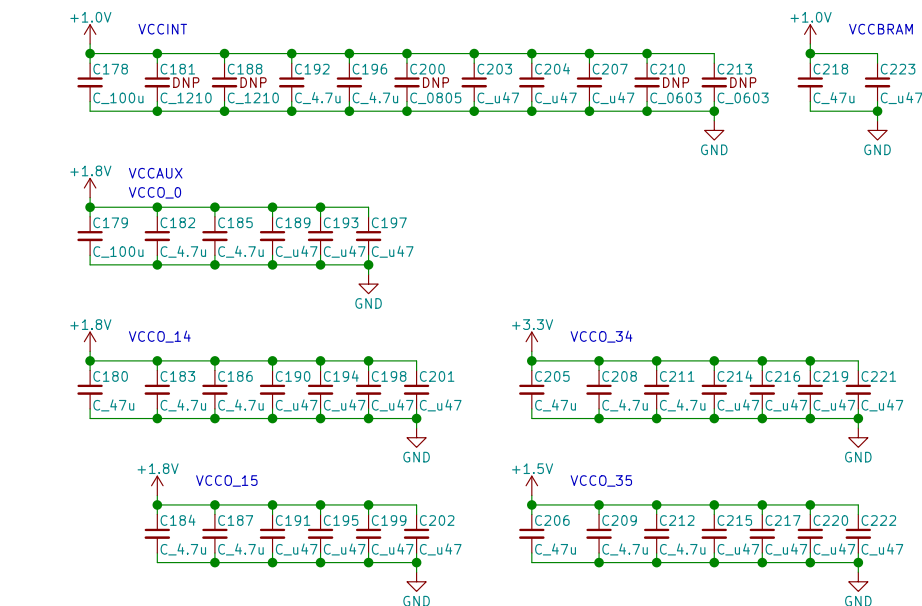
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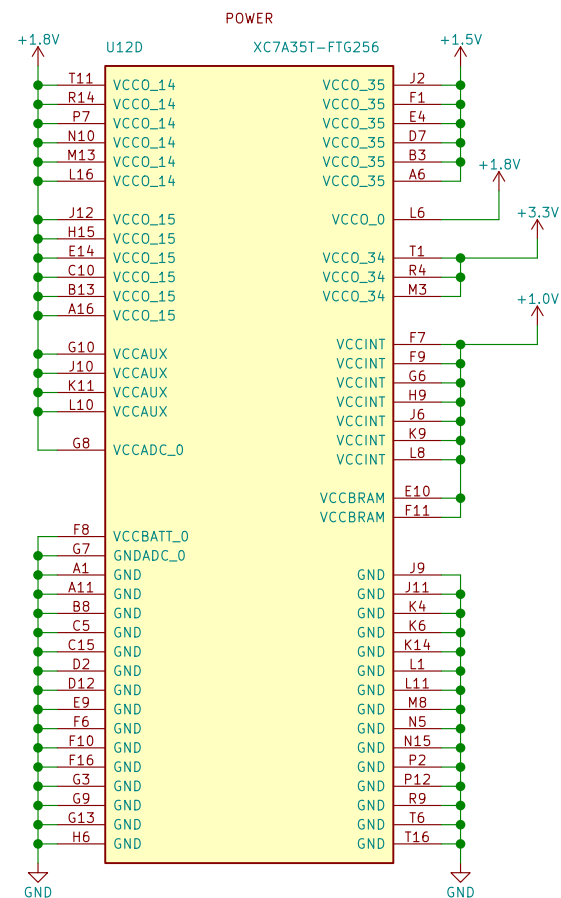
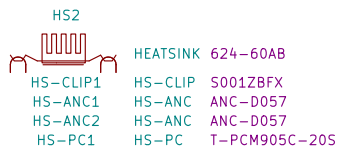








## FPGA HEATSINK



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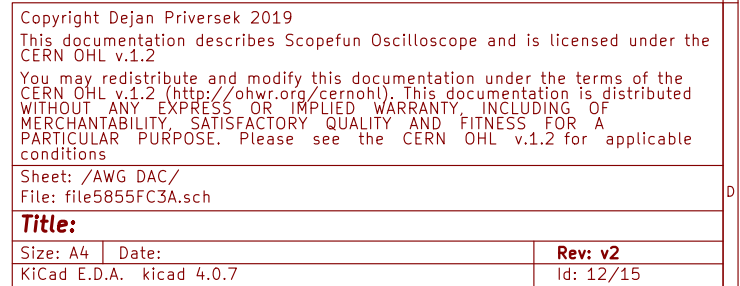
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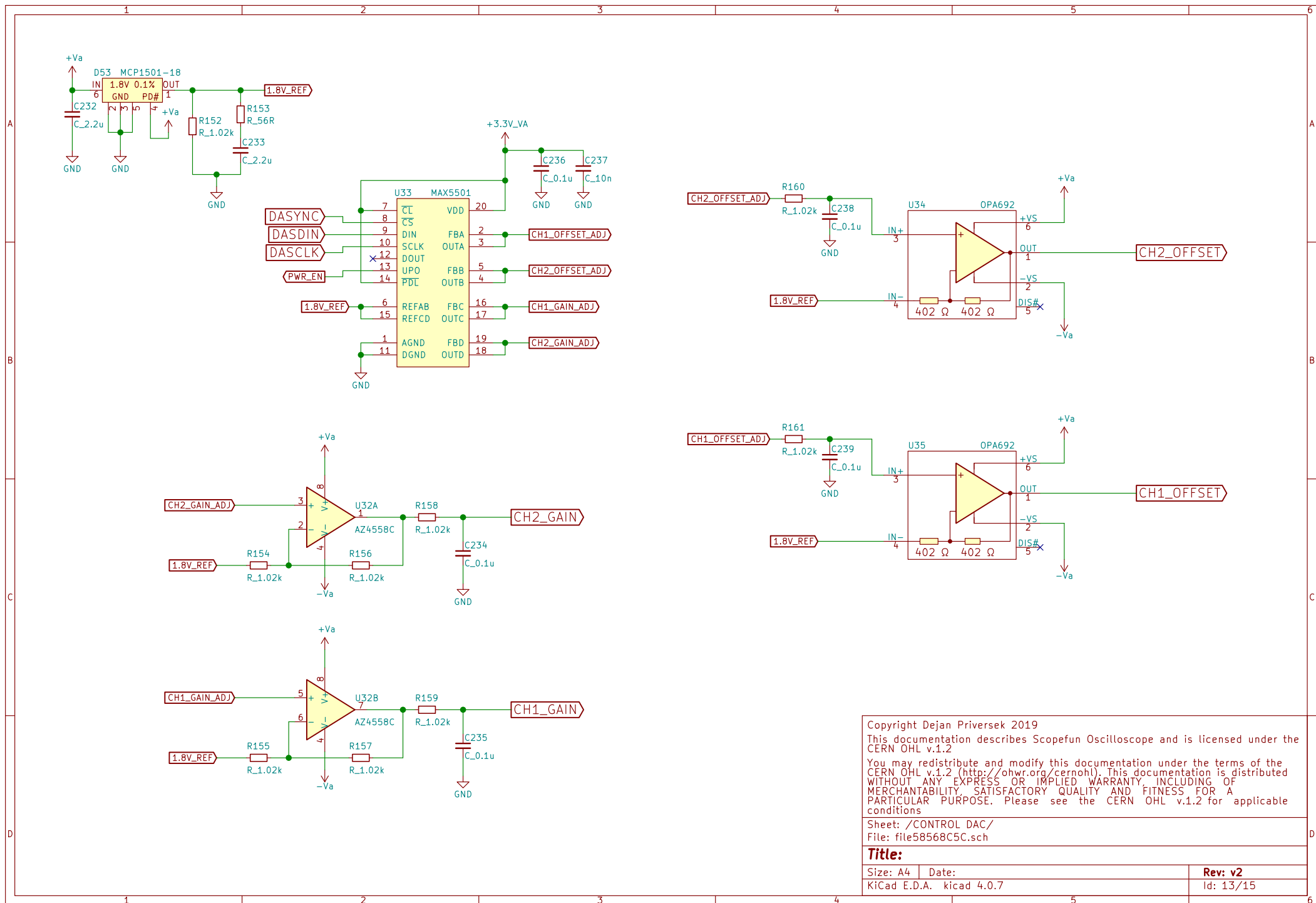
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Rev: v2  
Id: 11/15



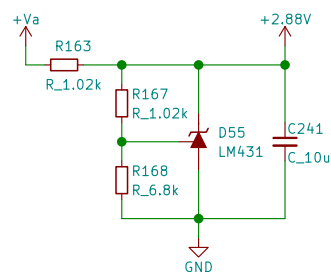
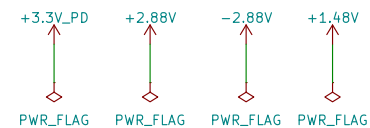
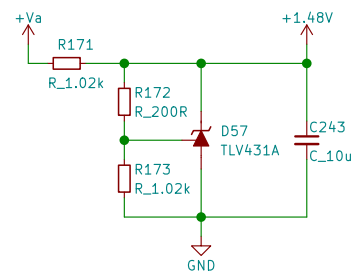
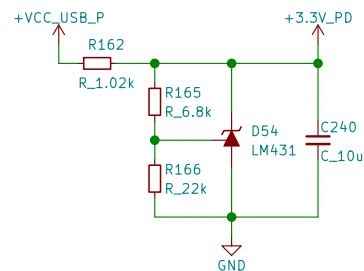


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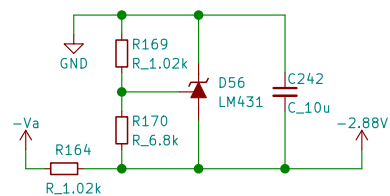
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| Size: A4     | Date:       | Rev: v2   |
| KiCad E.D.A. | KiCad 4.0.7 | Id: 13/15 |



LM431:  $V_{out} = 2.5V * (1 + R_a/R_b)$



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Size: A4 Date:  
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**Rev: v2**  
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