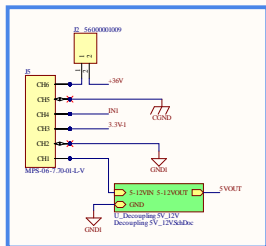
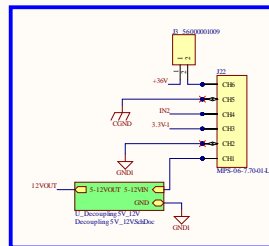


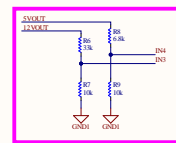
36V Battery



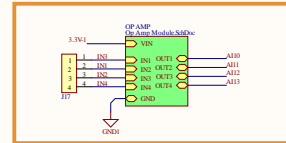
5V Power Module



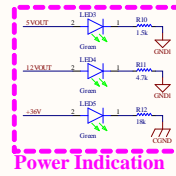
12V Power Module



Voltage Sense

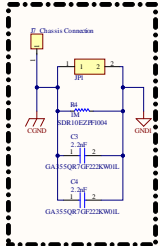


Analog Input - Voltage Follower

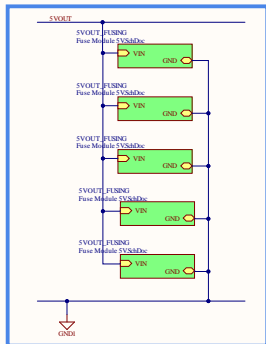


Power Indication

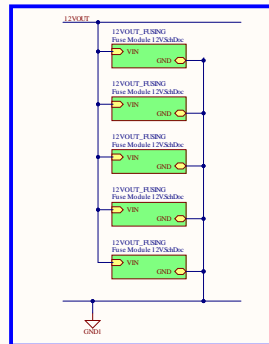
Strength-ground Placement:  
Bottom layer, connect via vias.  
Non-Layout right GND pin



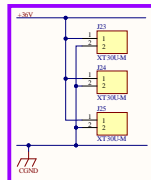
Grounding



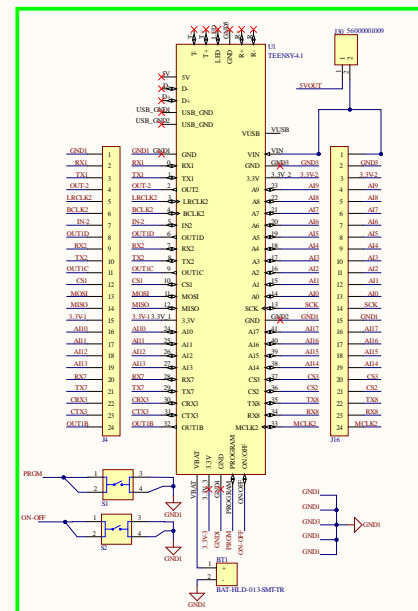
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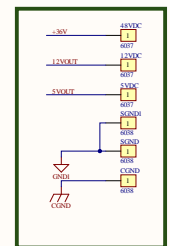
12V Load



36V Load

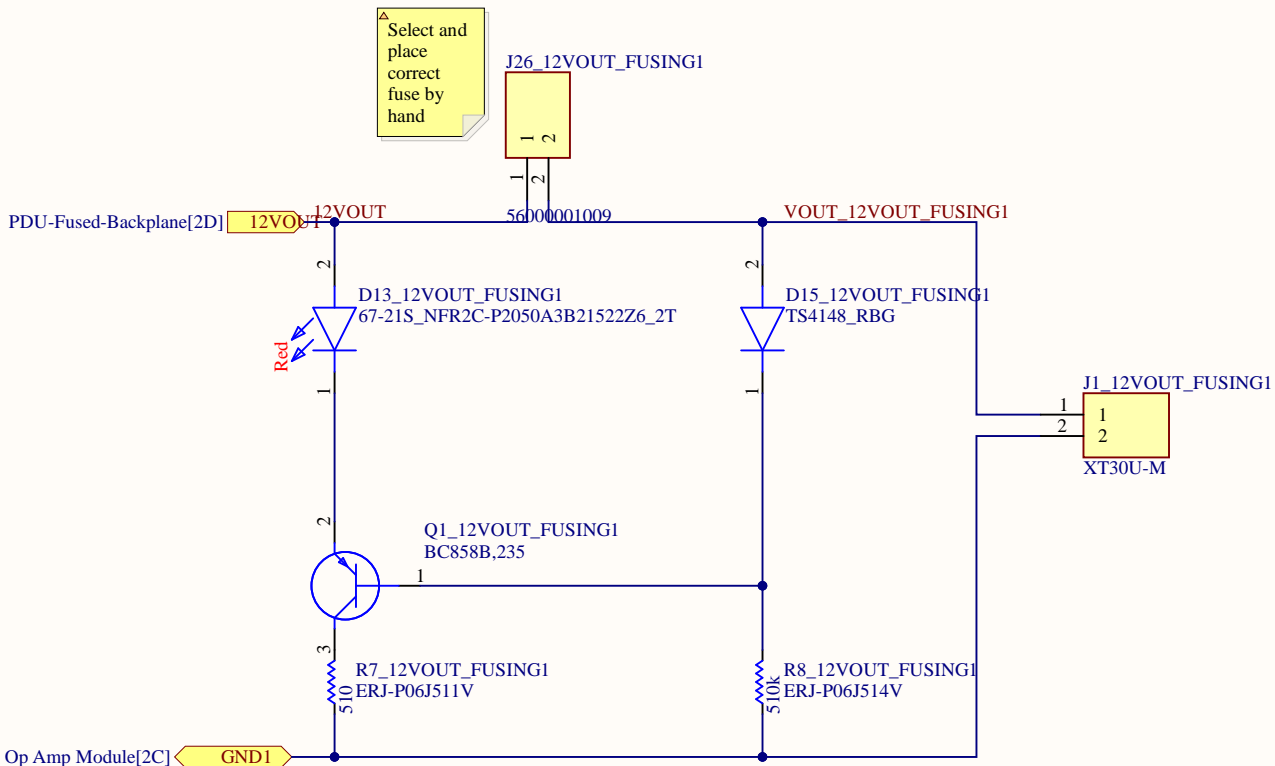


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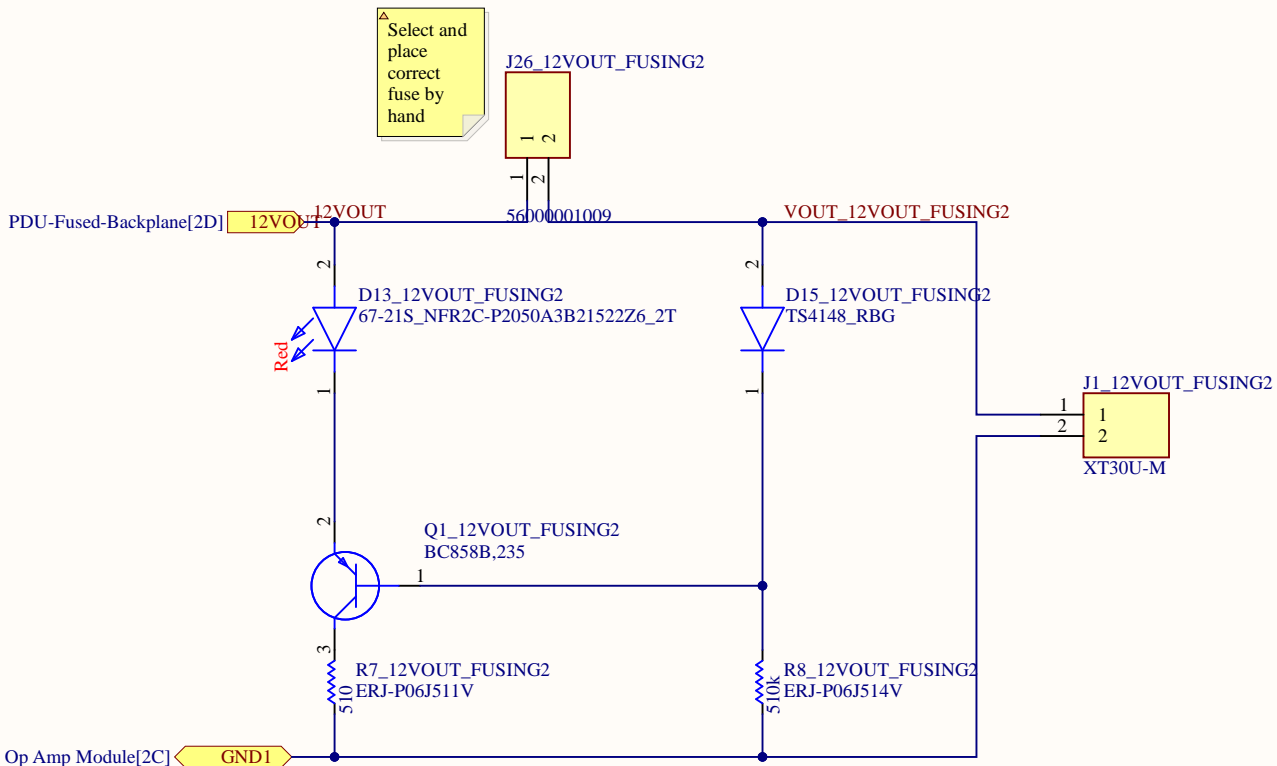
Test Points

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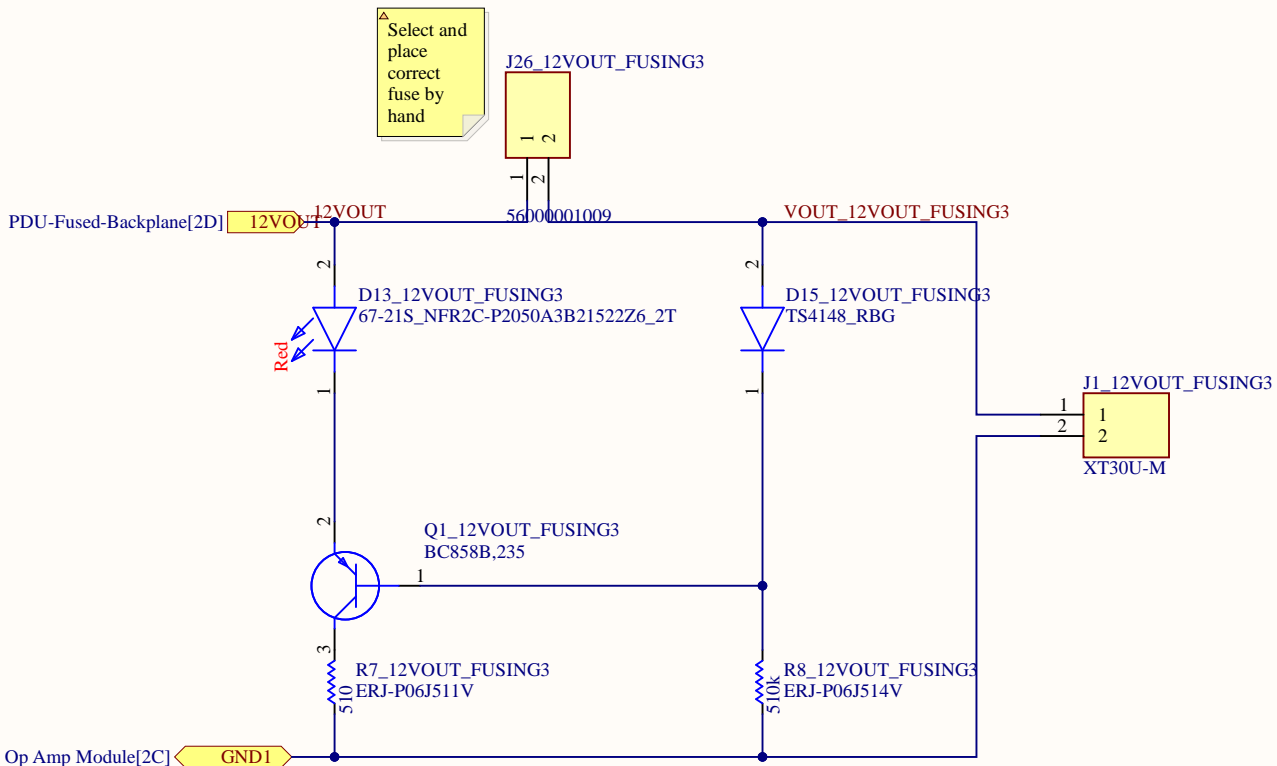


coupling 5V\_12V[2C], Fuse Module 5V[1C], Op Amp Module[2C]

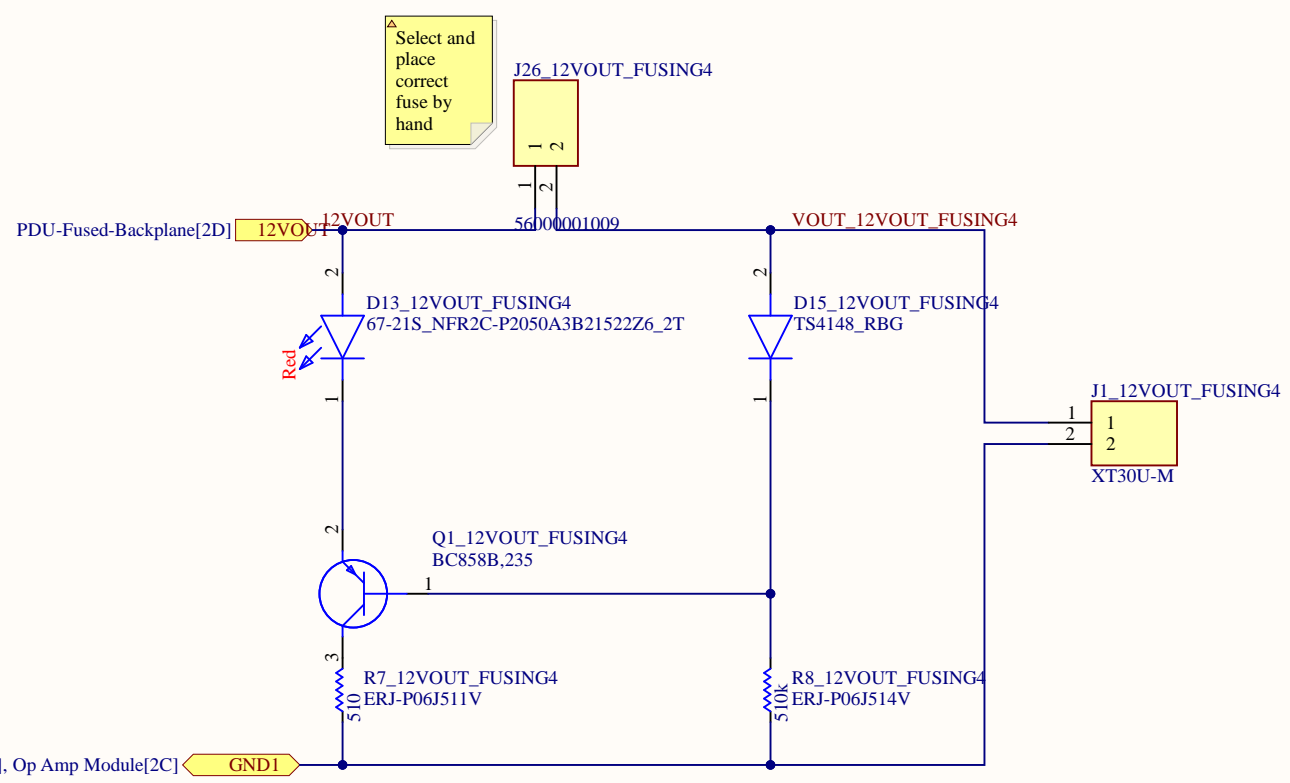
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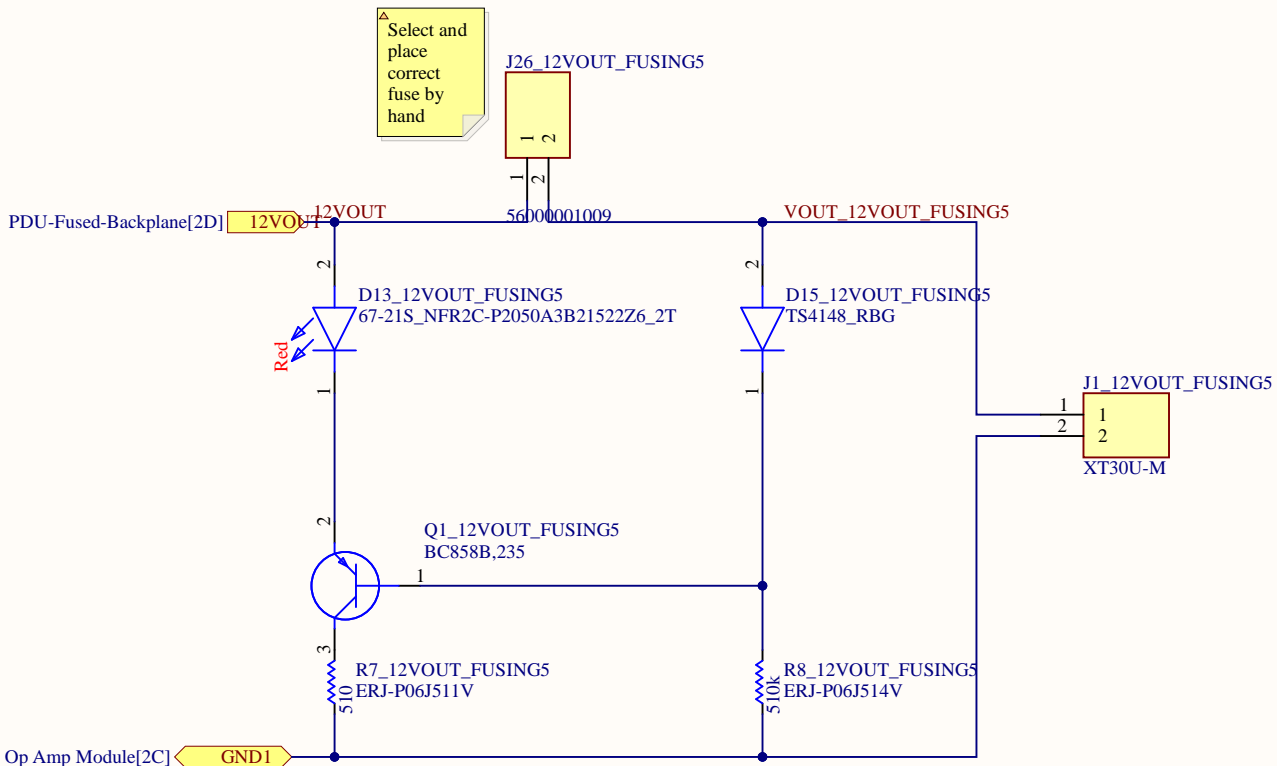
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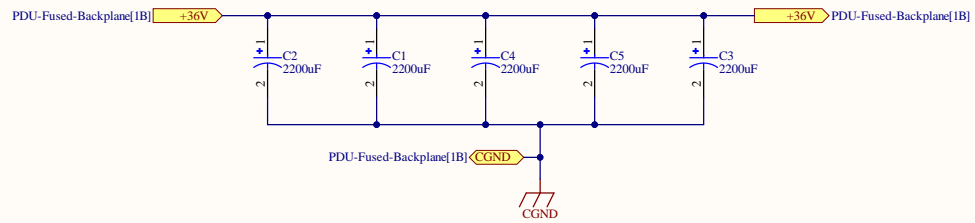
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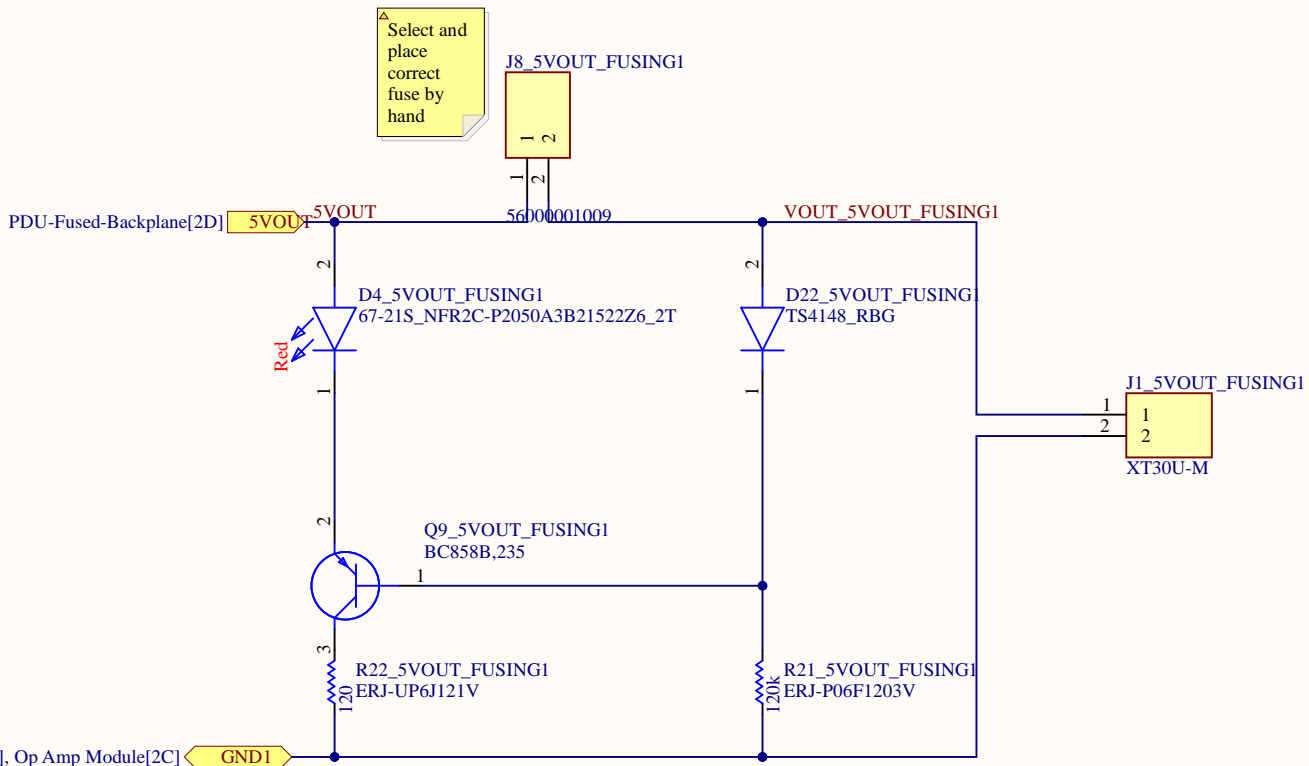
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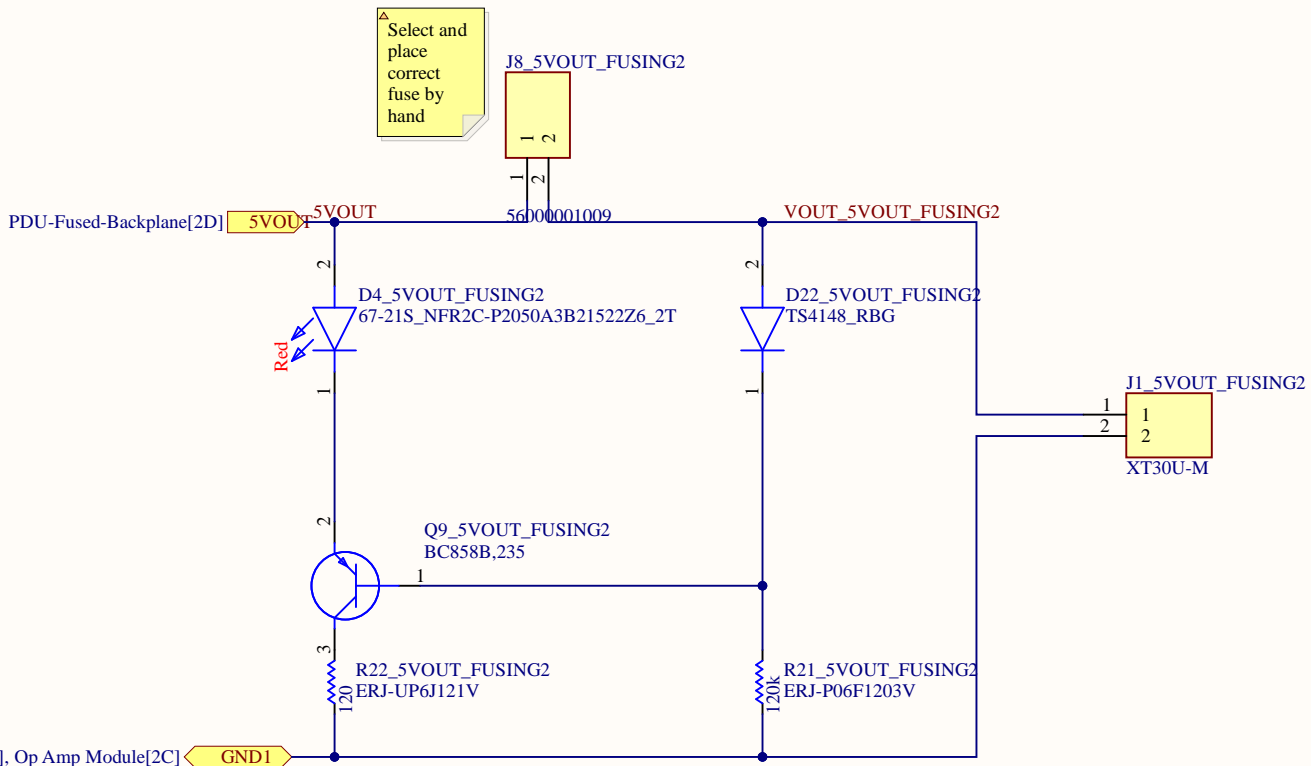
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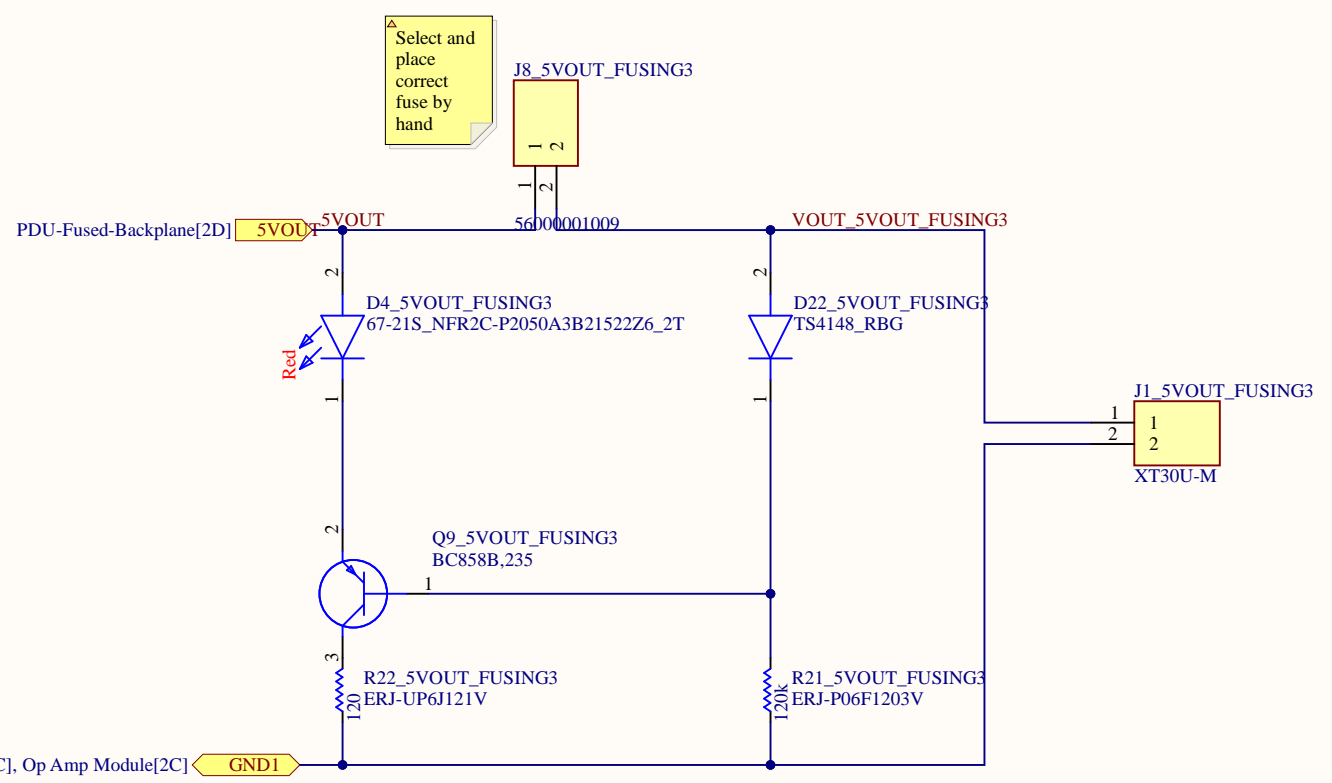
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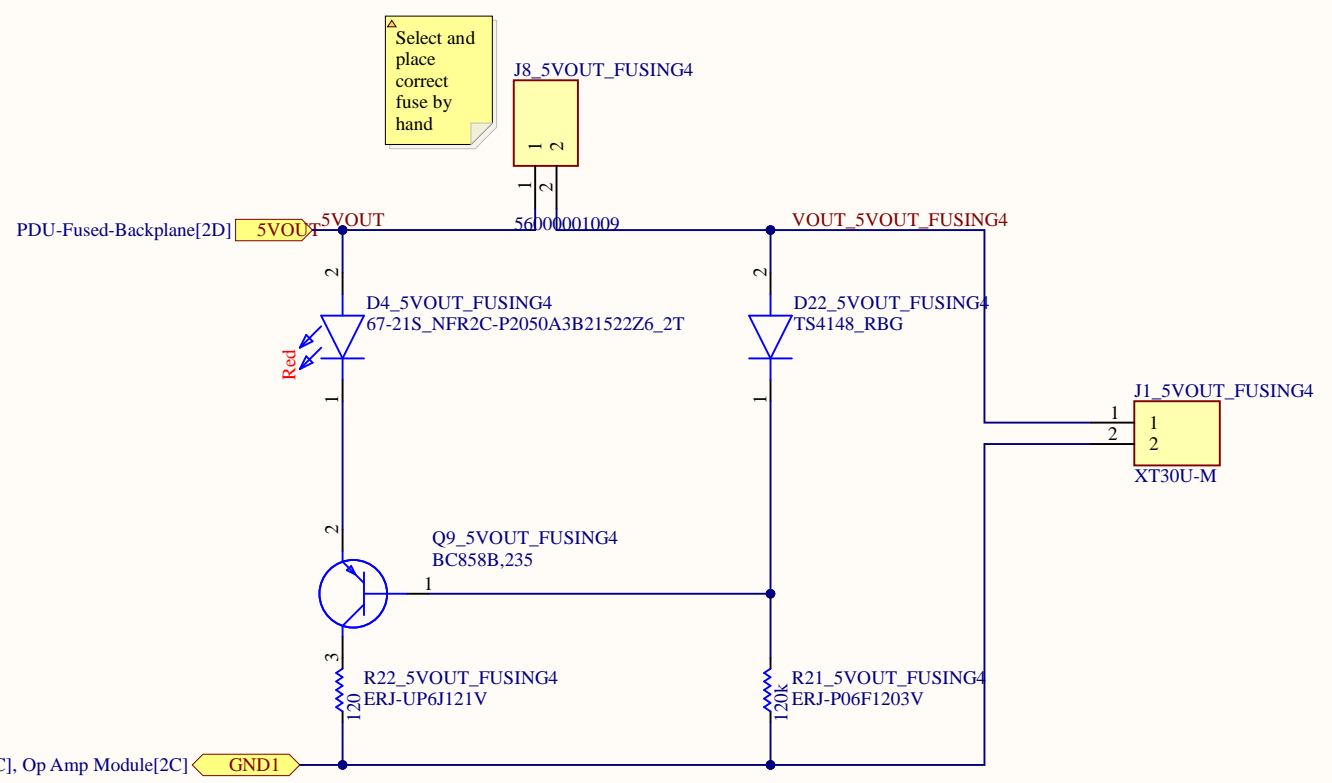


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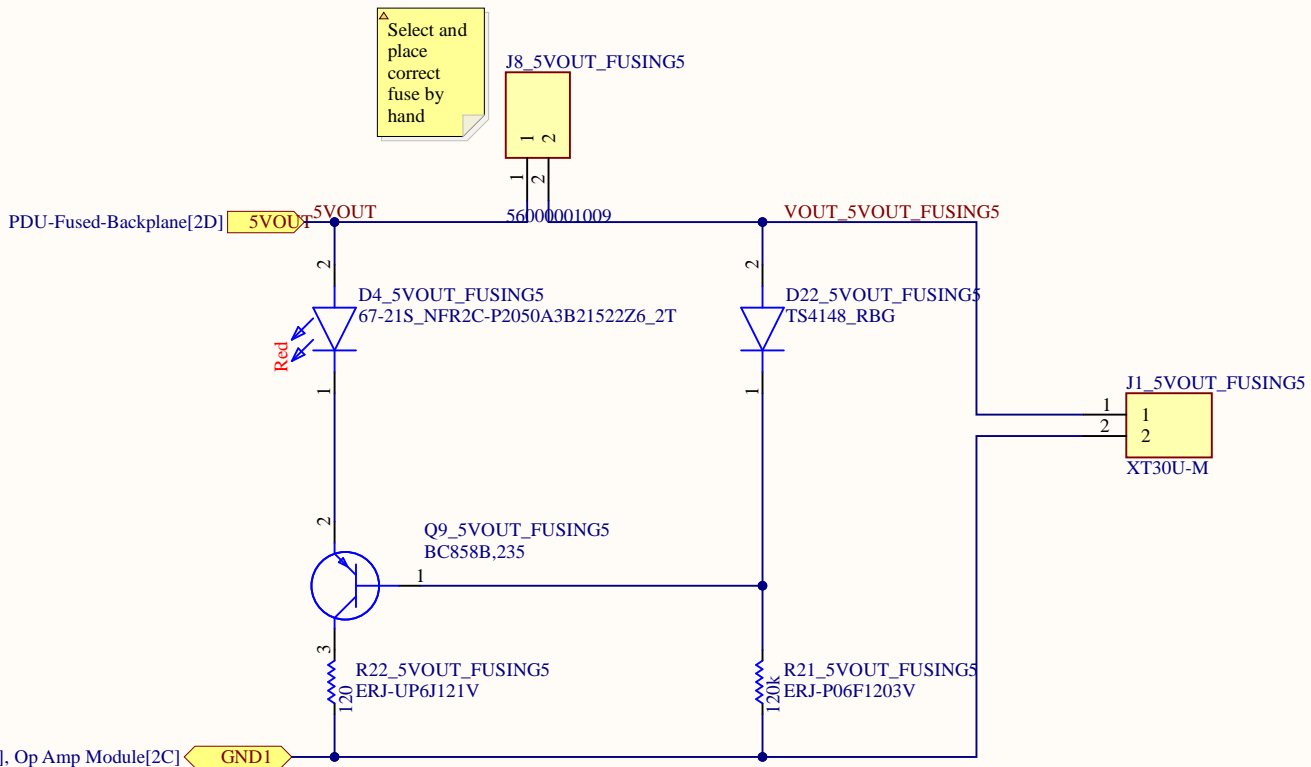
coupling 5V\_12V[2C], Fuse Module 12V[1C], Op Amp Module[2C]

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coupling 5V\_12V[2C], Fuse Module 12V[1C], Op Amp Module[2C] GND1

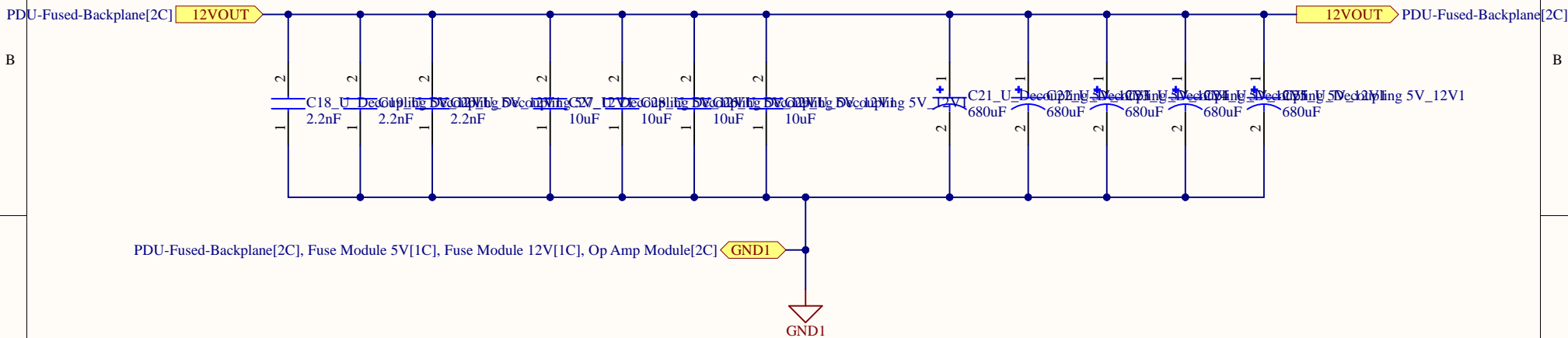
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coupling 5V\_12V[2C], Fuse Module 12V[1C], Op Amp Module[2C]

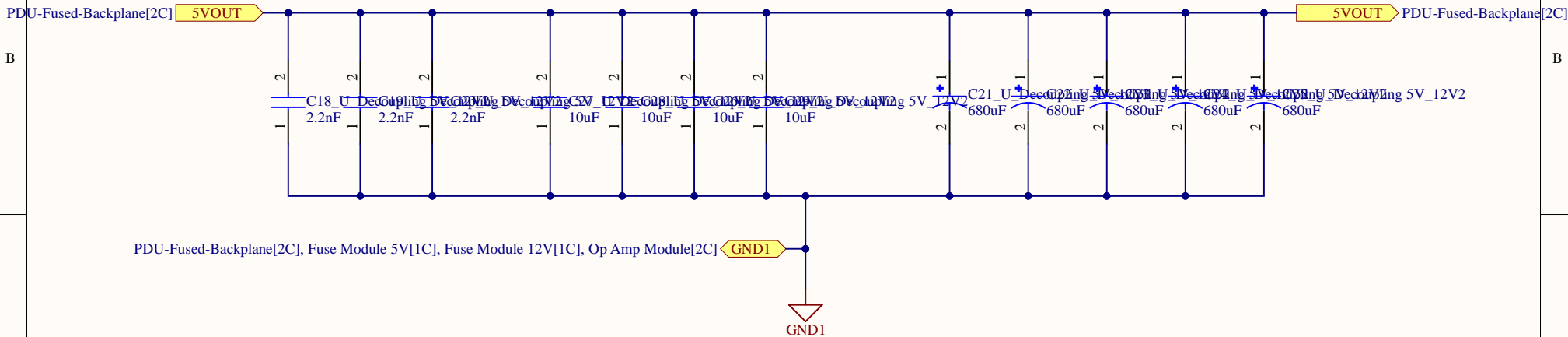
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680uF can be replaced with 560uF counterpart if wanted

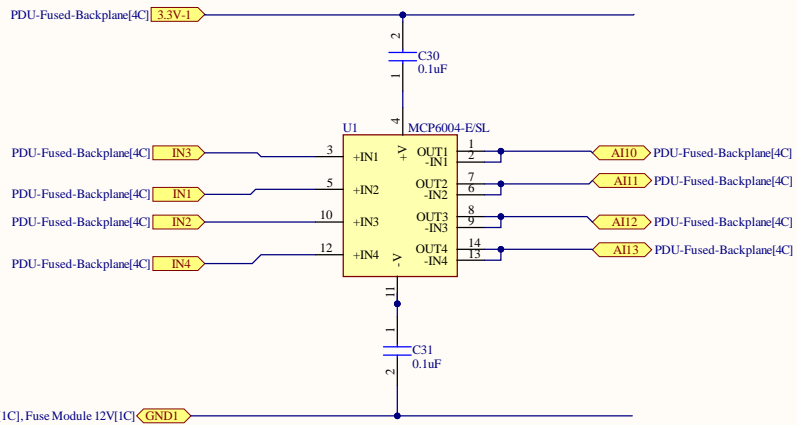


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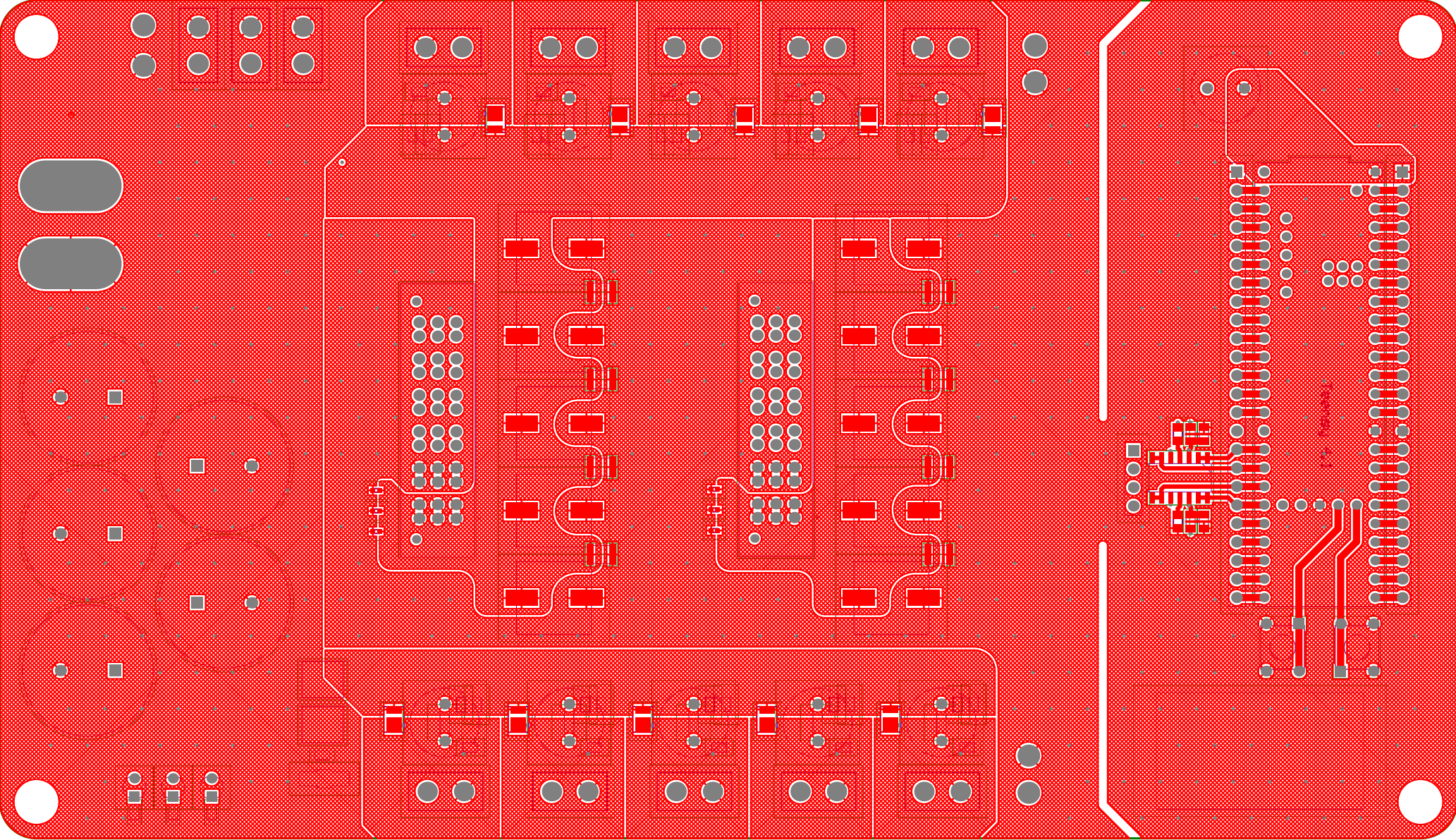
680uF can be replaced with 560uF counterpart if wanted

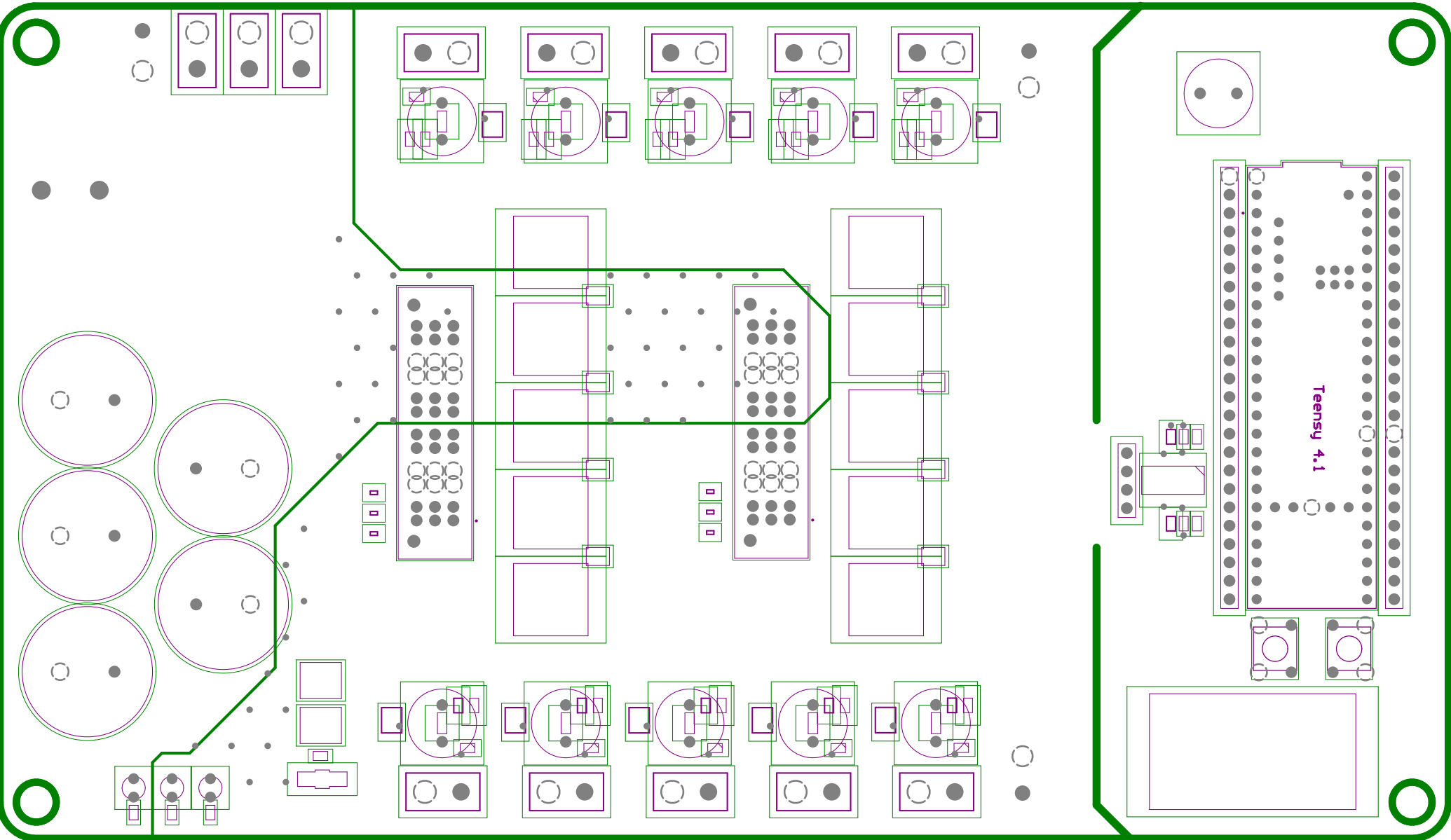


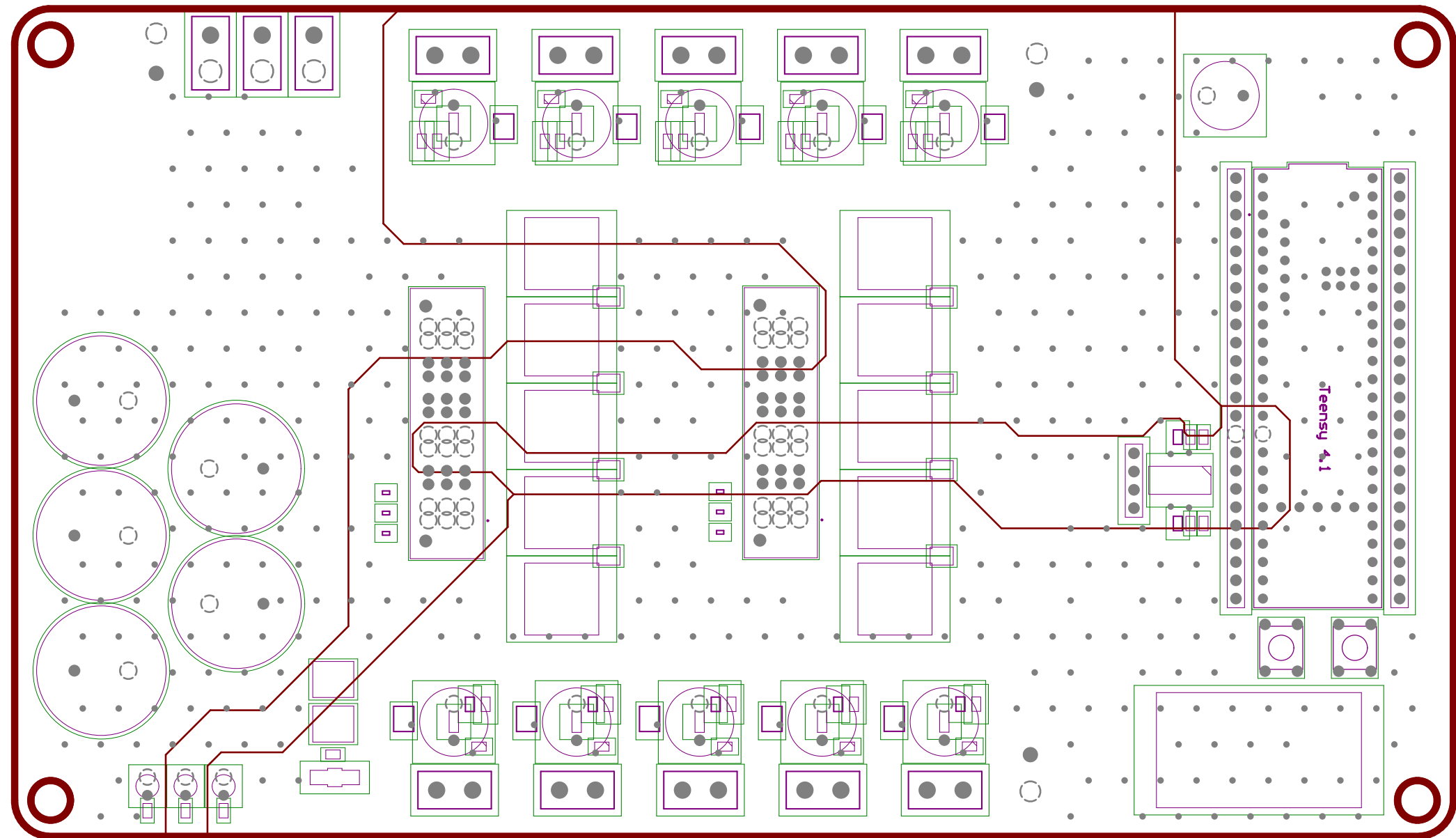
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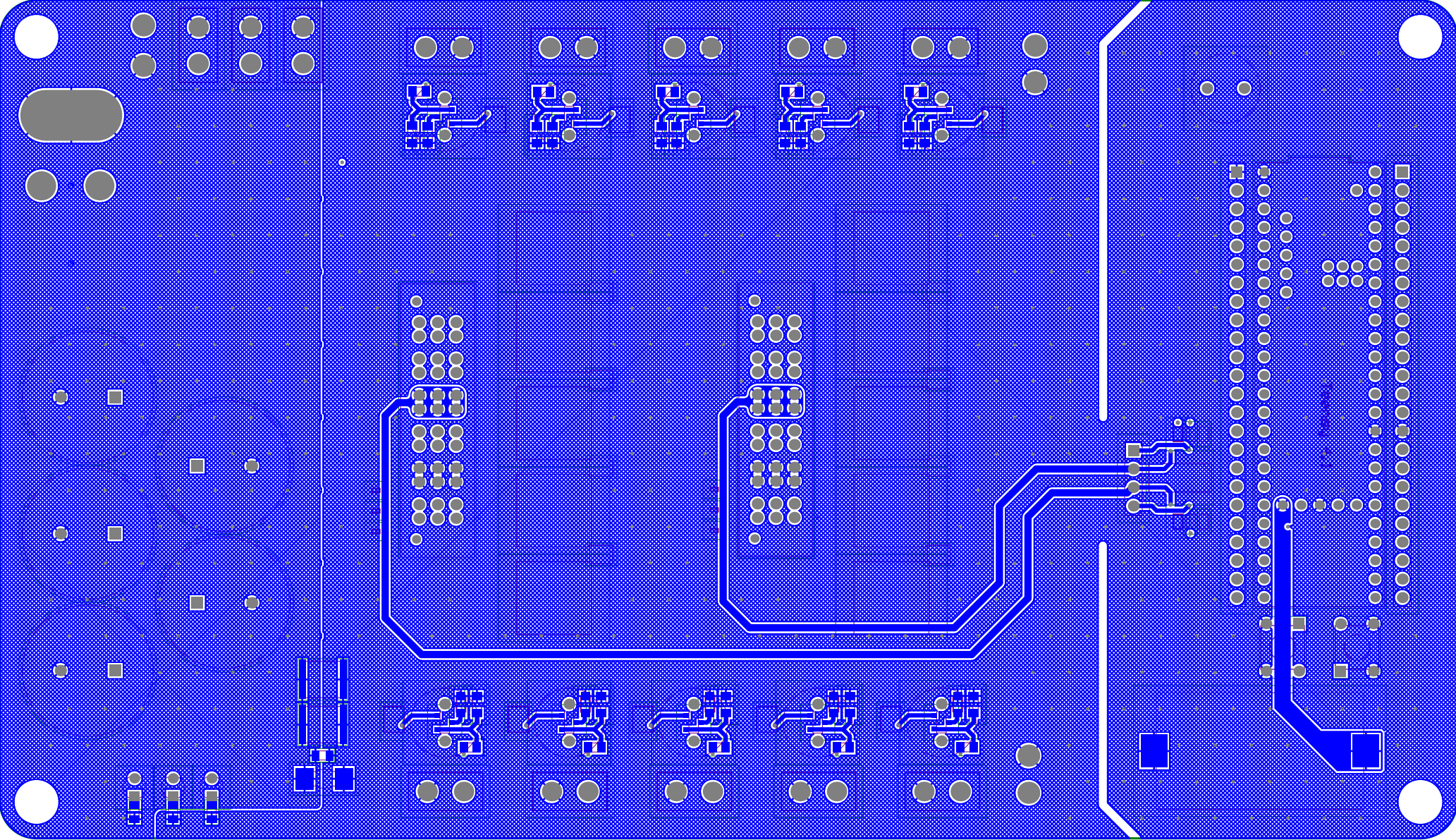


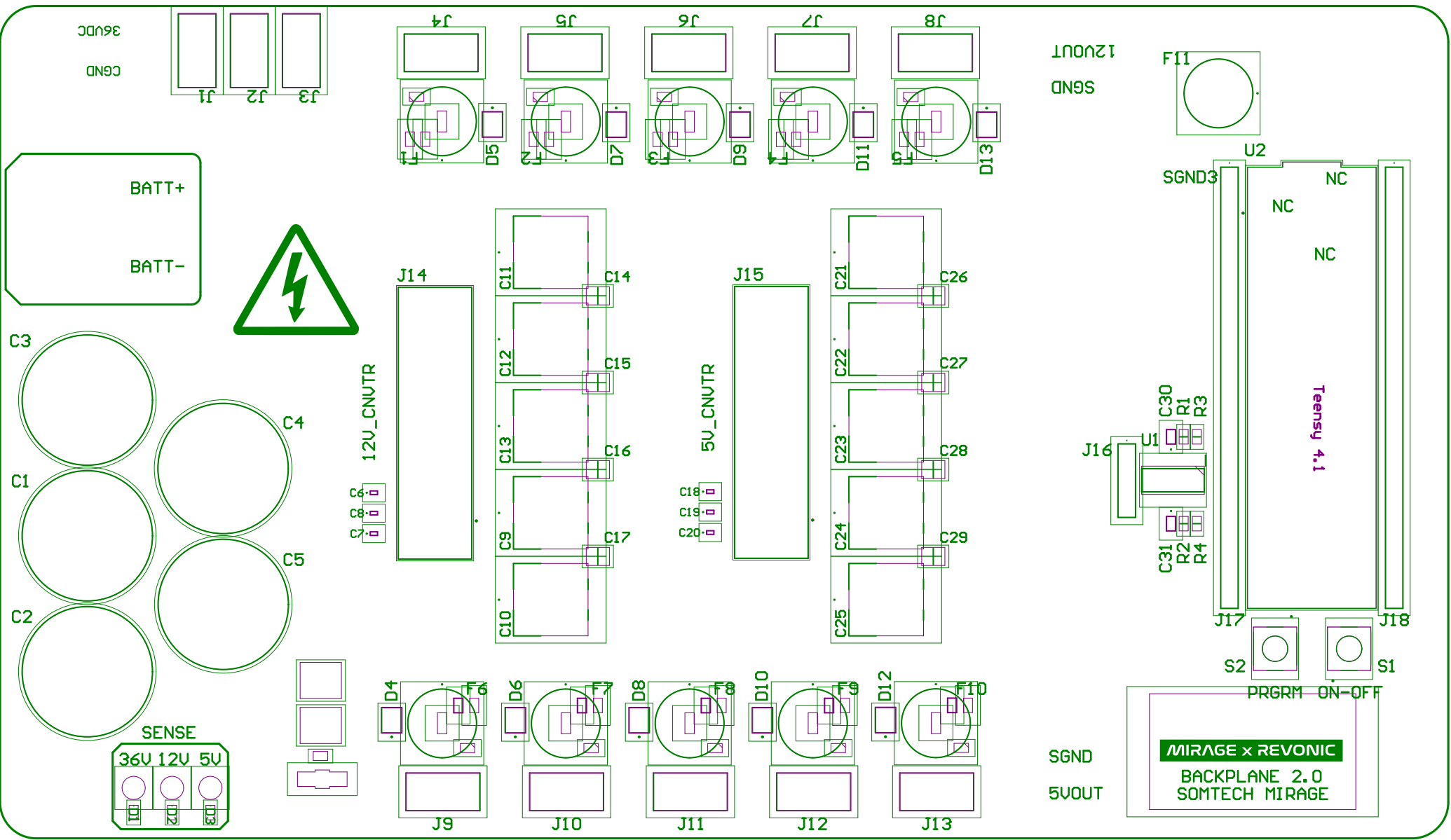
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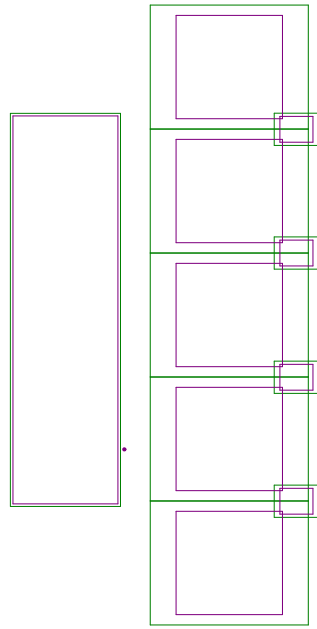
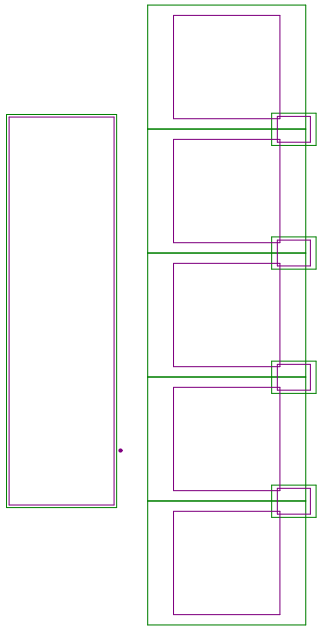
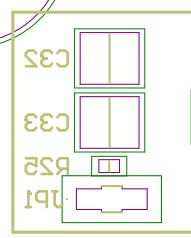
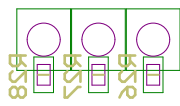
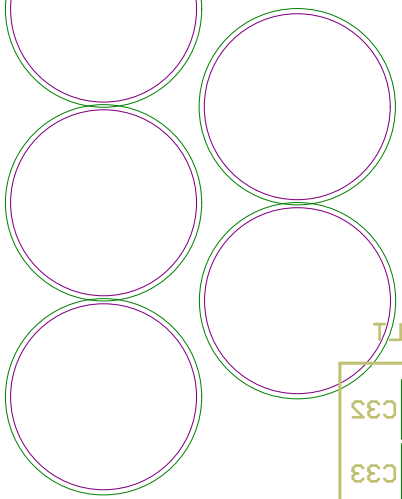
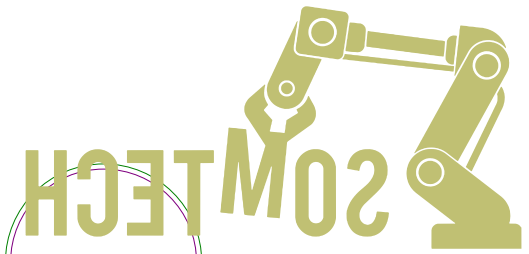




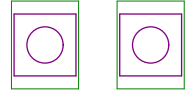
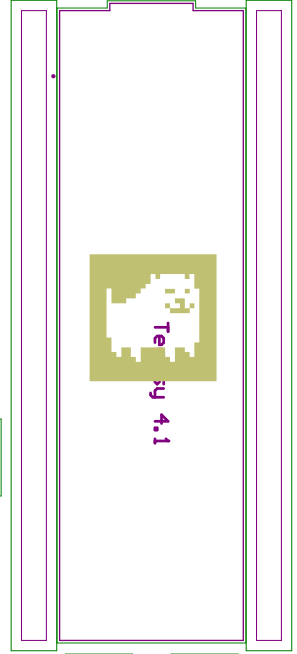
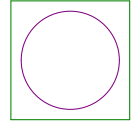
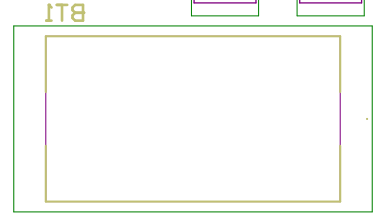
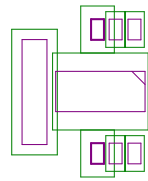
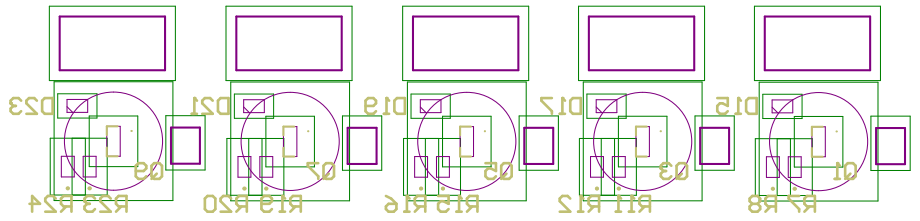
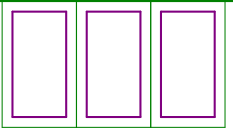


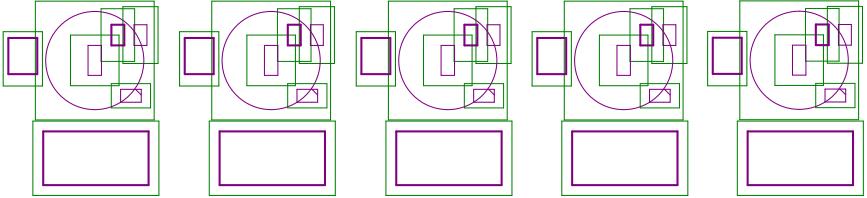
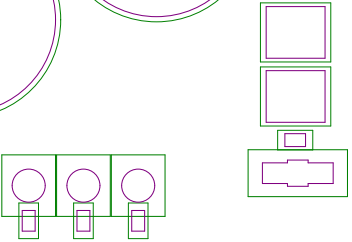
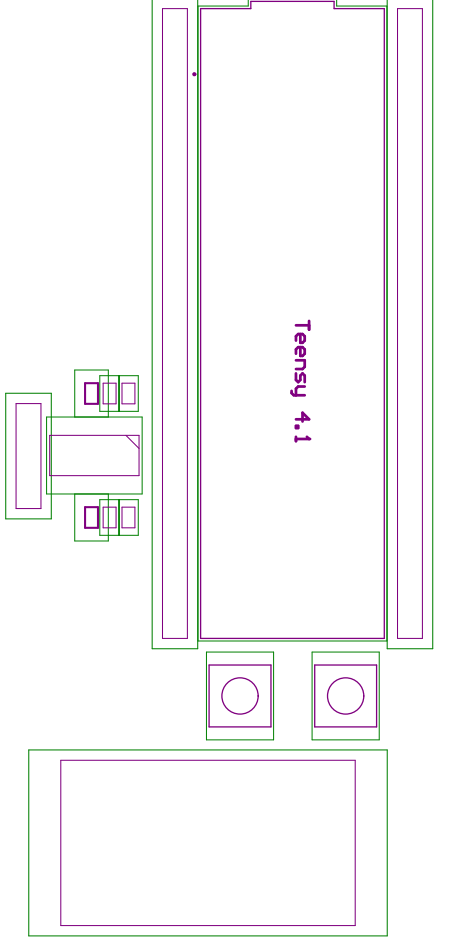
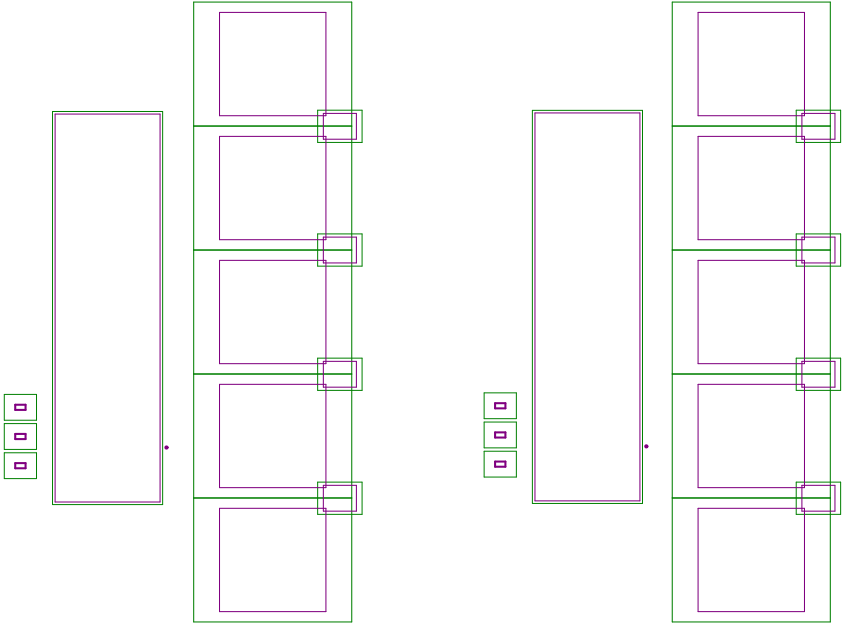
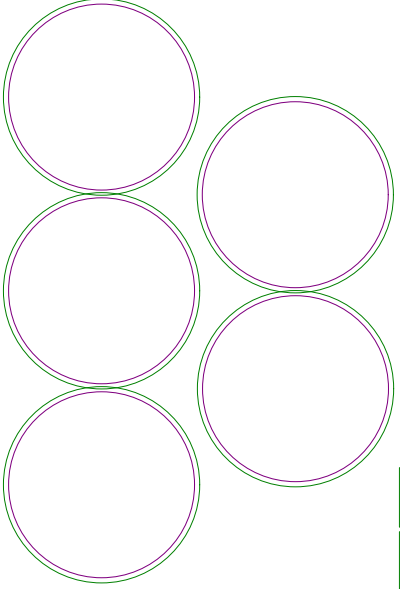
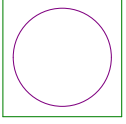
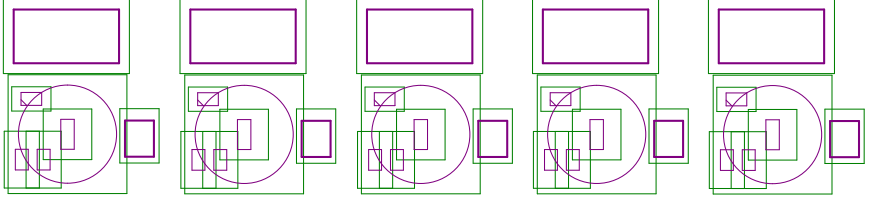
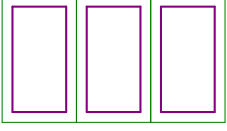


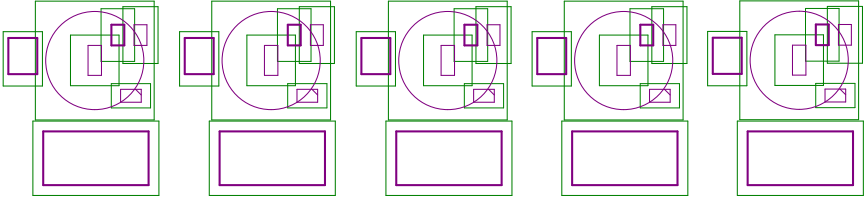
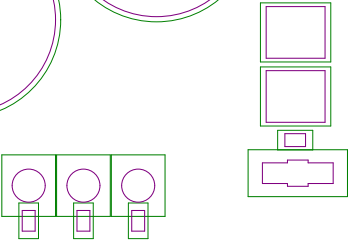
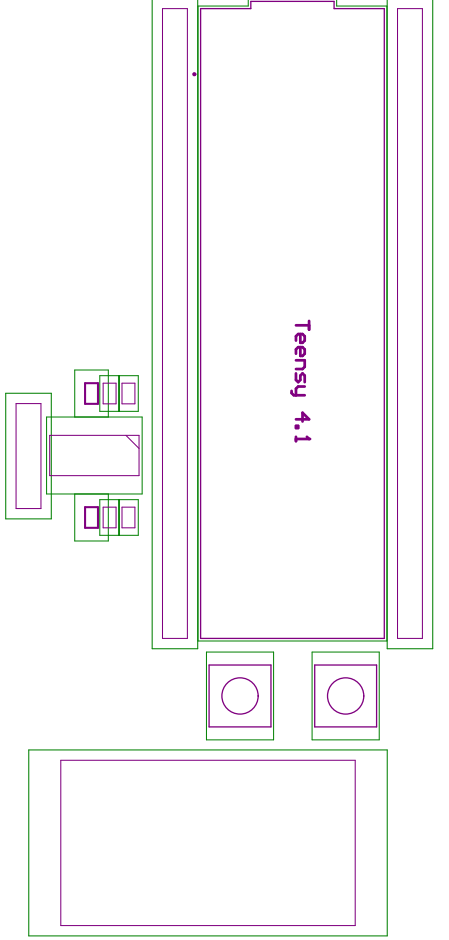
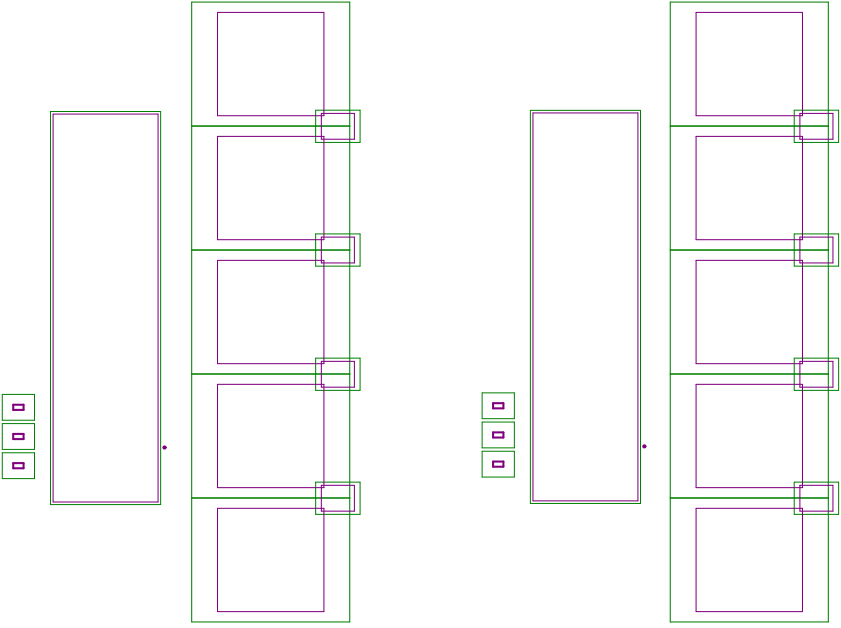
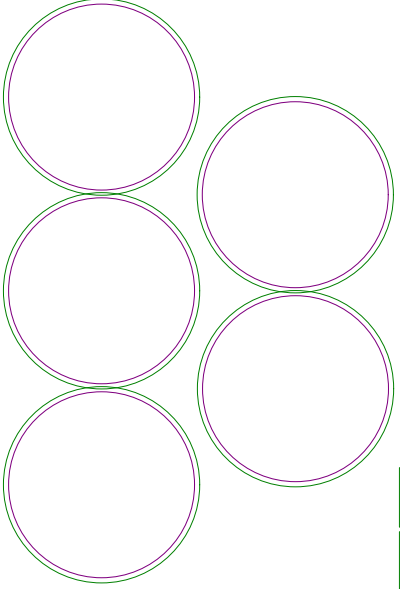
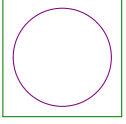
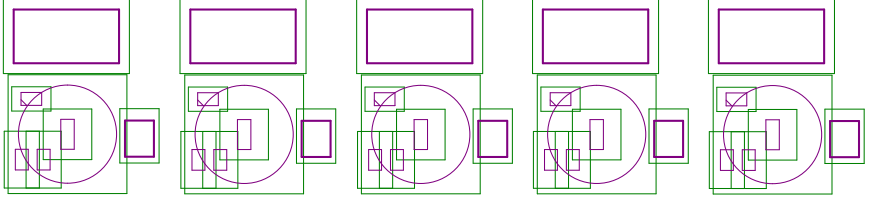
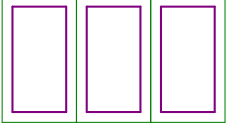


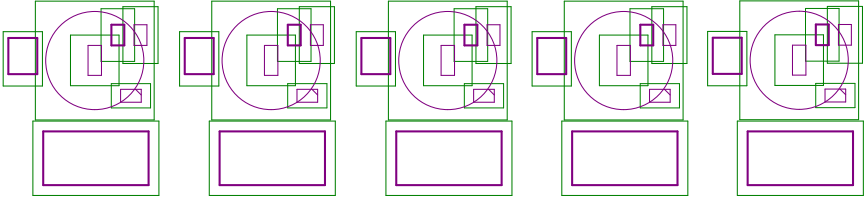
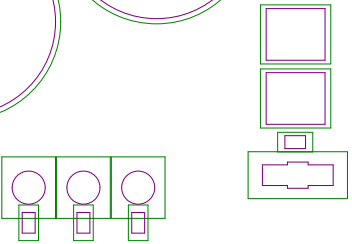
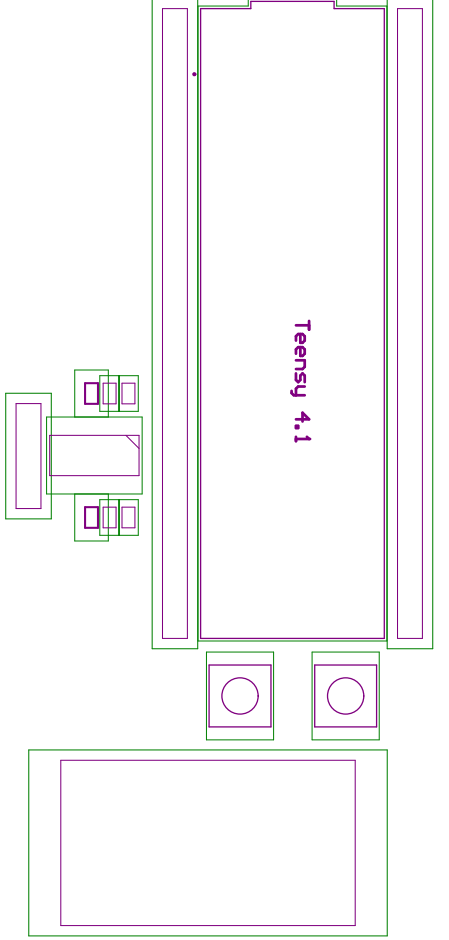
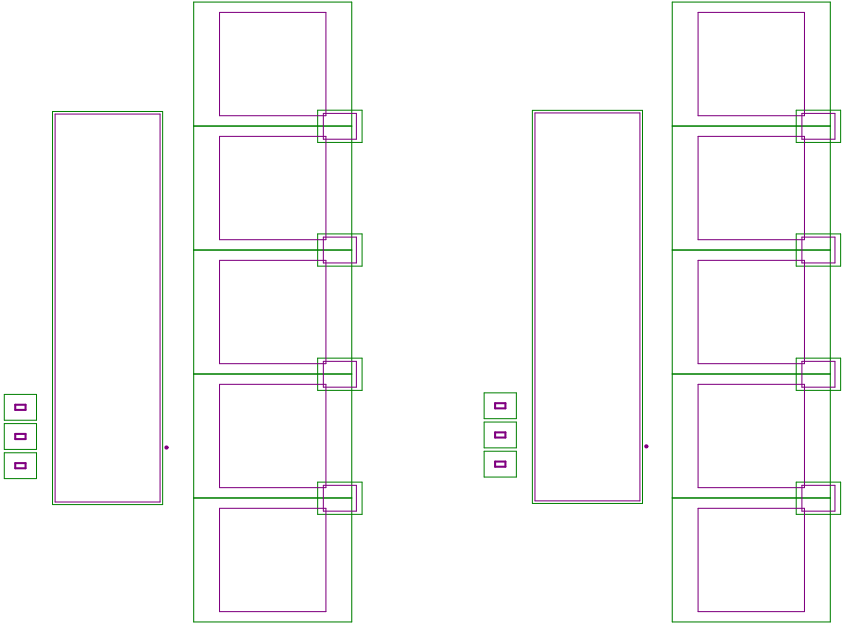
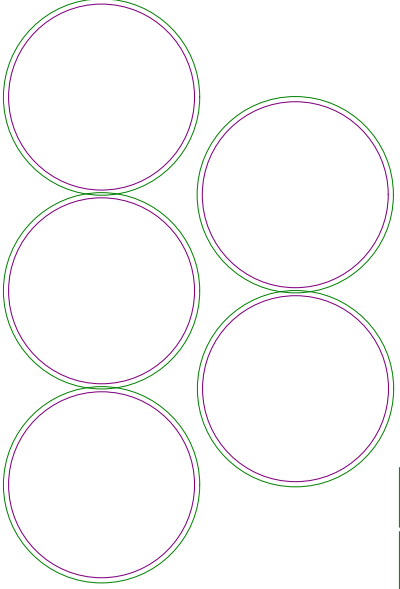
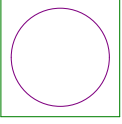
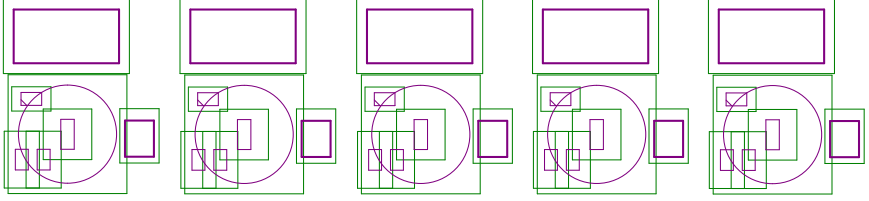
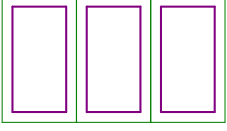


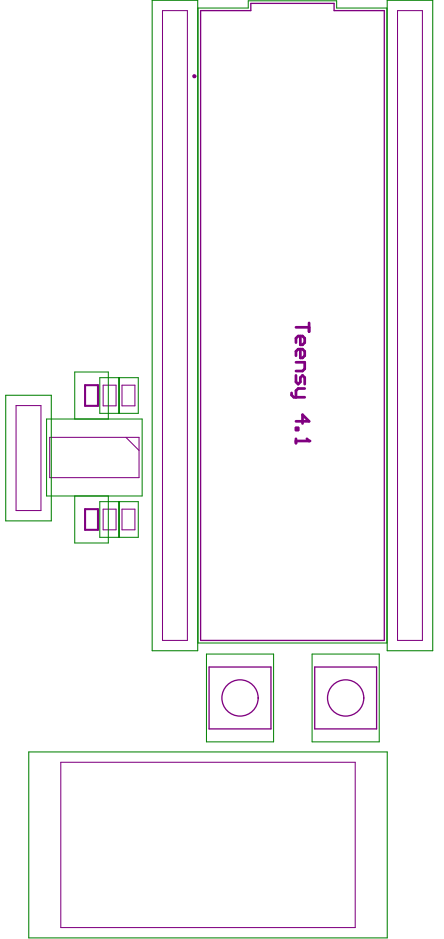
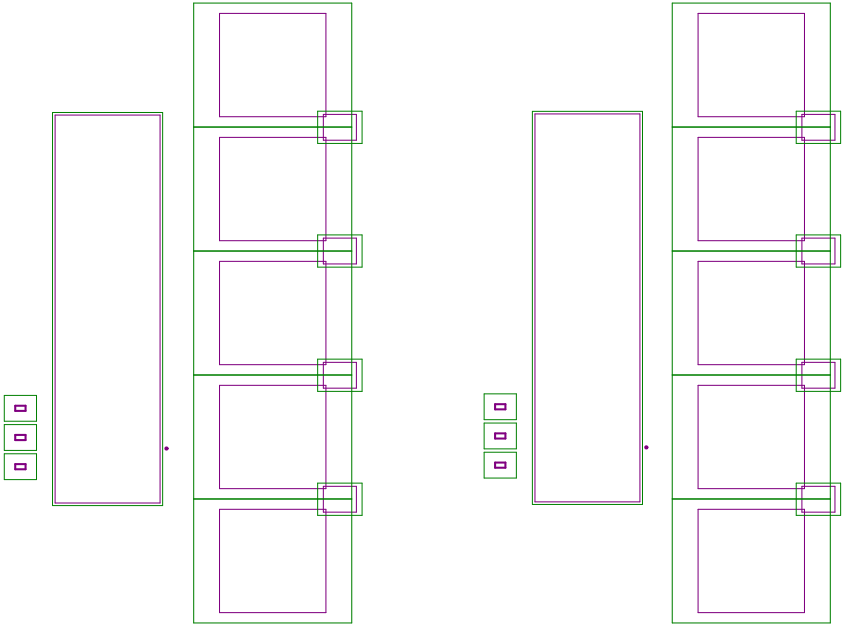
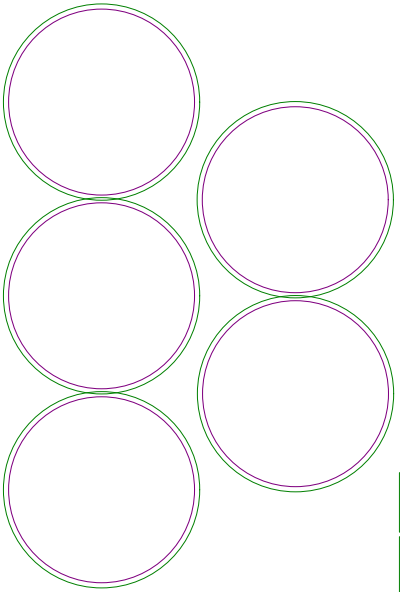
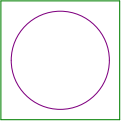
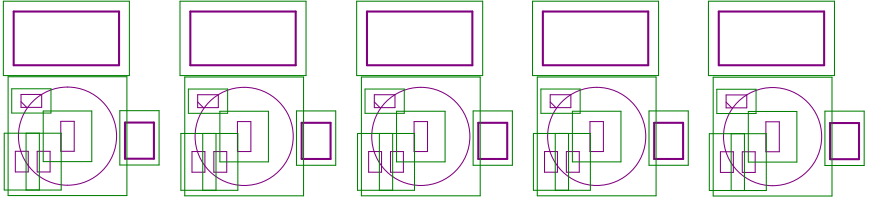
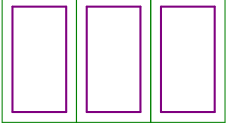
133  
COND











Teensy 4.1

