

EE-365 Final Presentation

Specs of your LLC resonant converter

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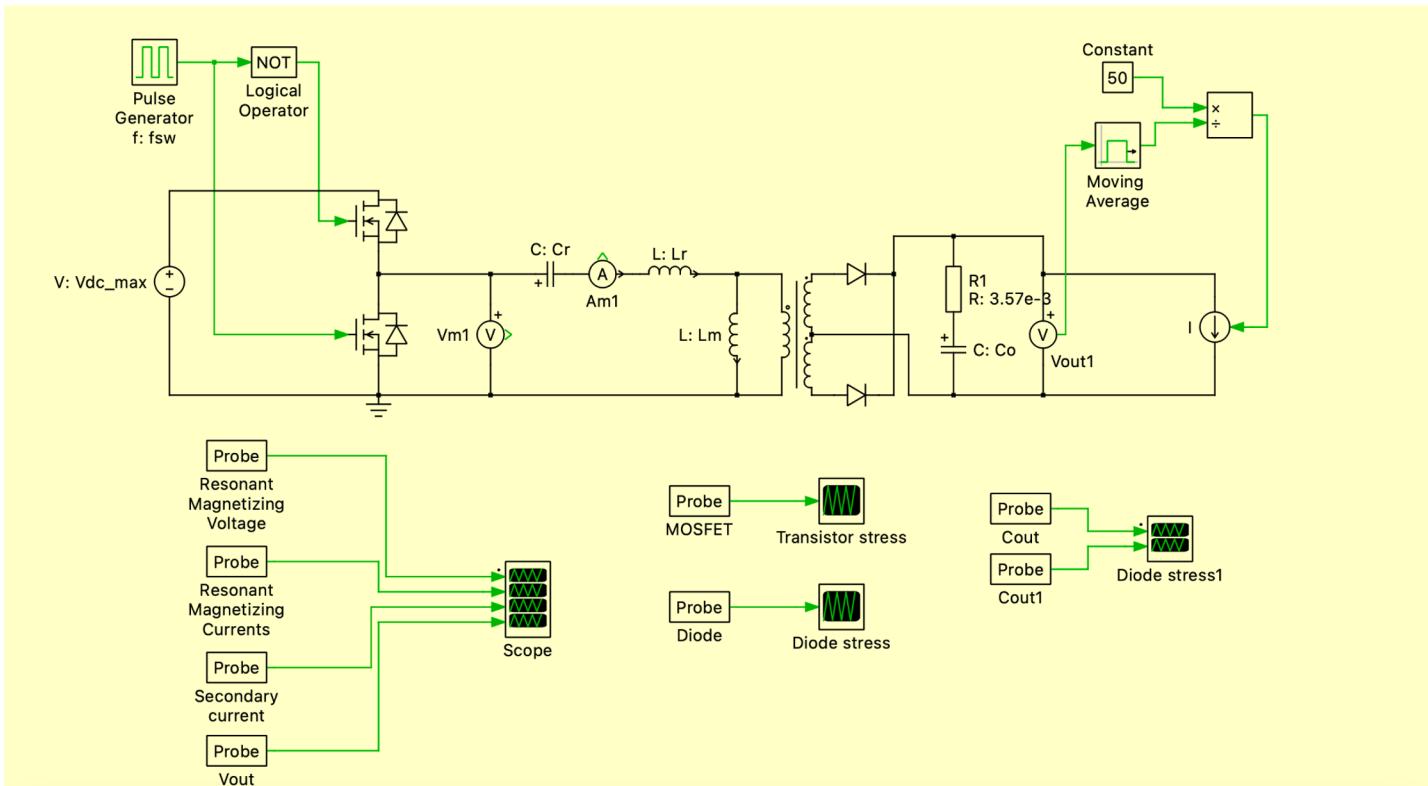
<http://pel.epfl.ch>



Report 1

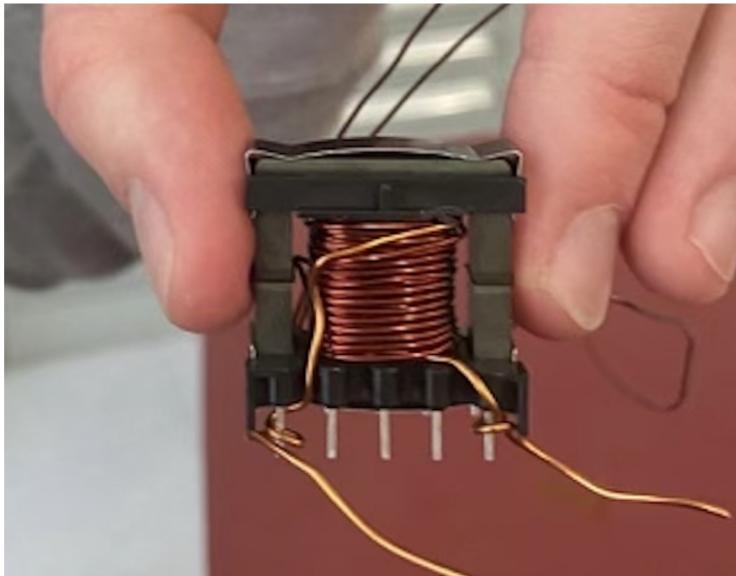
- Specs of the converter
- What did you do in Report 1

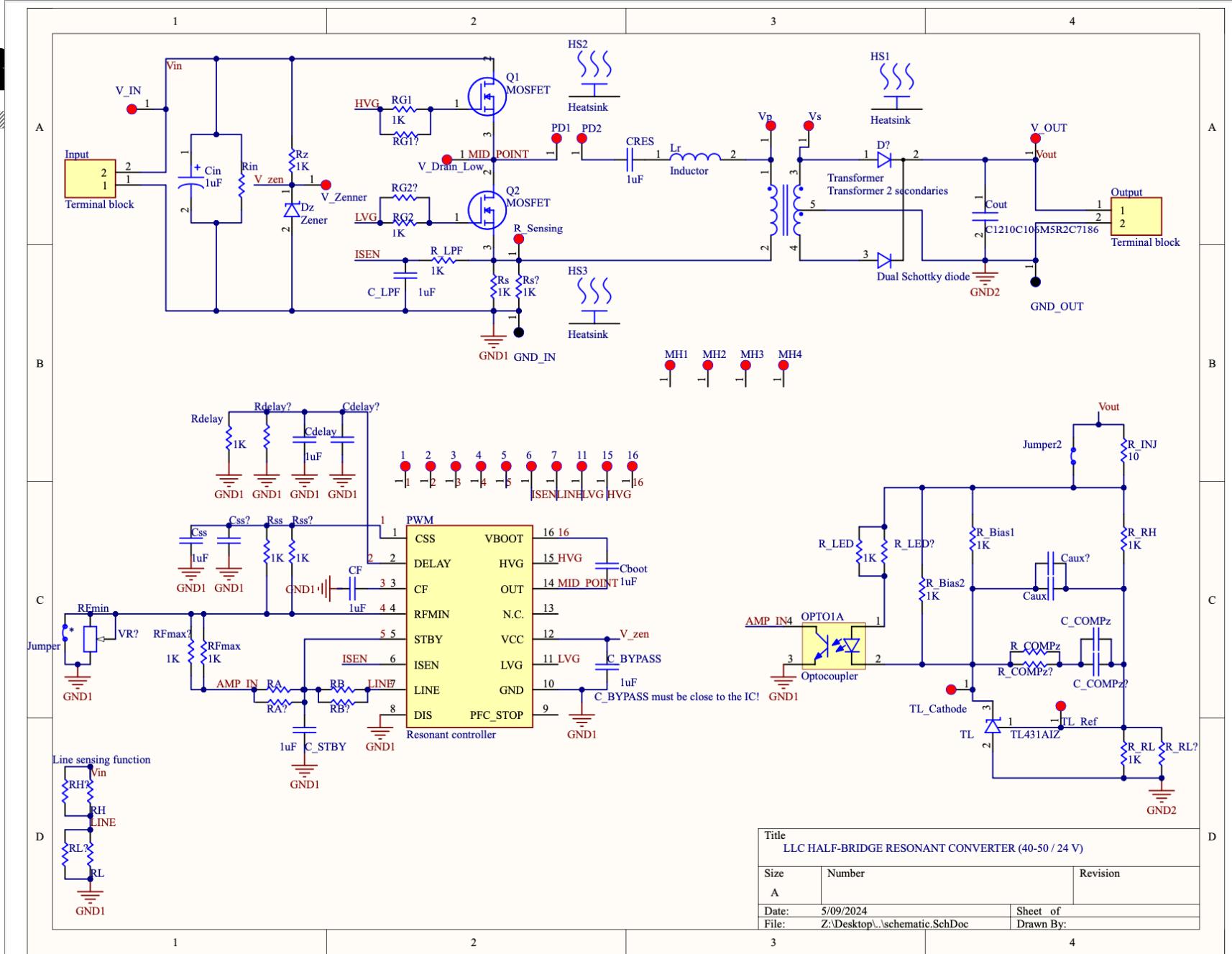
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Report 2

- What did you do in Report 2
- Pictures of your transformer and inductor
- What went wrong and how would you have improved it





Title: LLC HALF-BRIDGE RESONANT CONVERTER (40-50 / 24 V)
 Size: A Number: Revision:

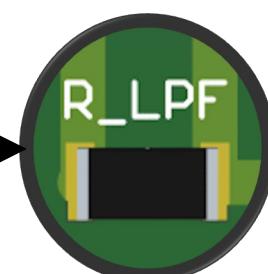
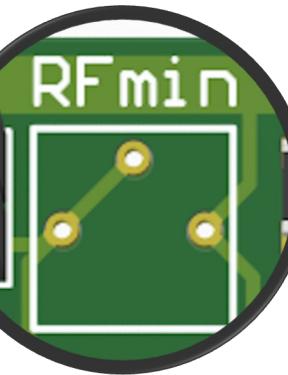
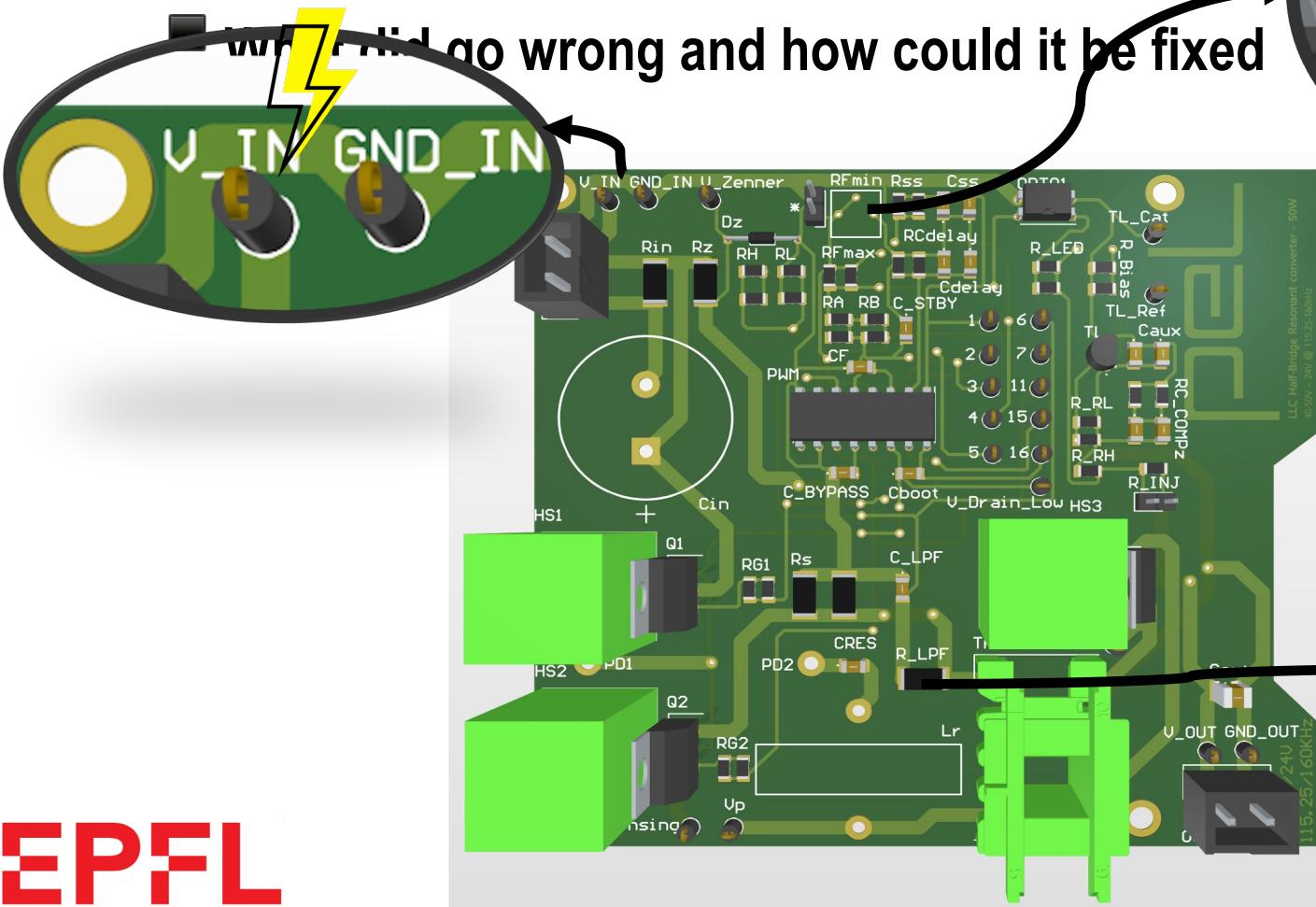
Date: 5/09/2024 Sheet of:

File: Z:\Desktop\1.schematic.SchDoc Drawn By:

1 2 3 4

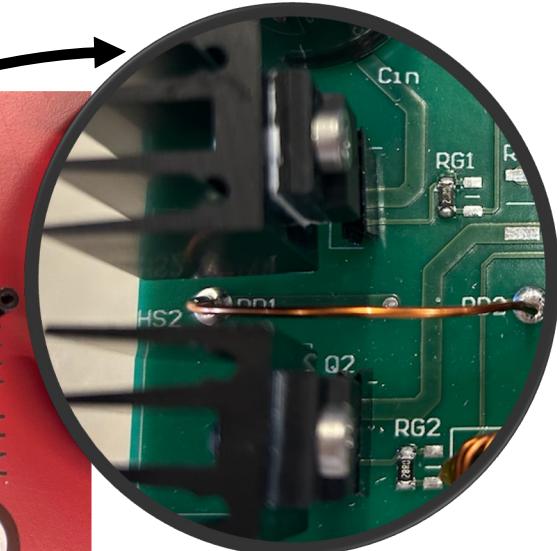
Report 3

- What did you do in Report 3
- PCB design: aspects to take into account



Report 4

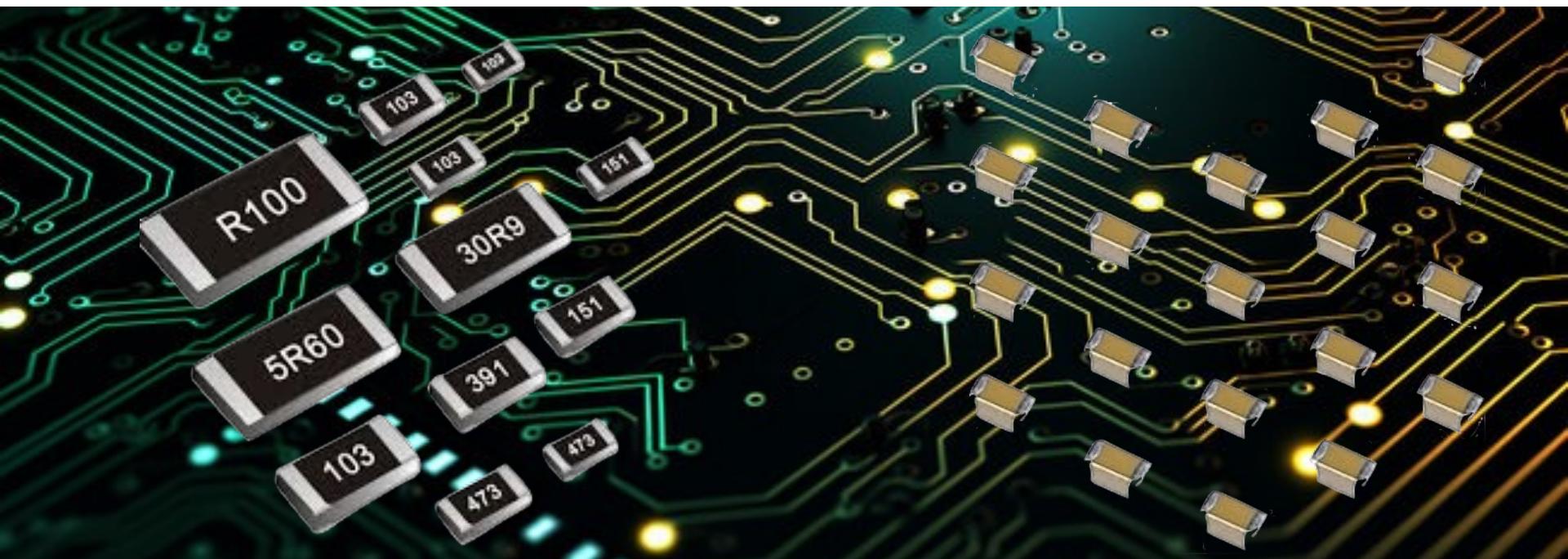
- What did you do in Report 4
- General comments on debugging and testing
- Did it work at first? Which mistakes from previous reports were a problem in this one?



Conclusions



- What did you learn from this project
- Main takeaways
- If you could start again, what would you do different



LLC Half-Bridge Resonant Converter

Thank You for Your Attention...

Questions?

