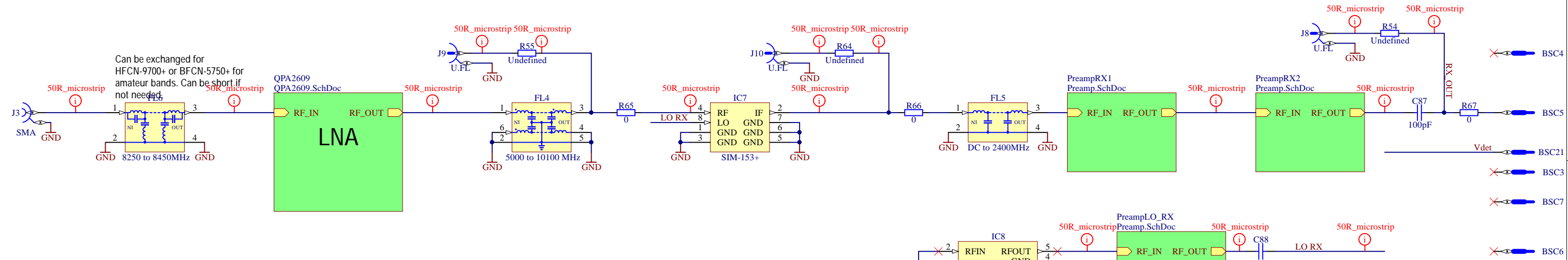
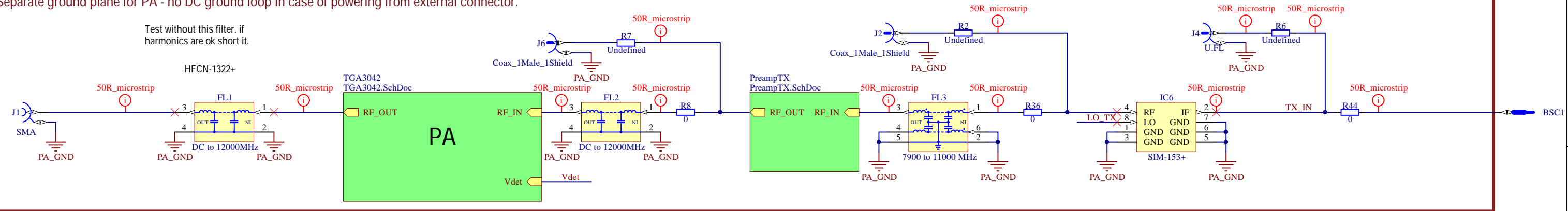


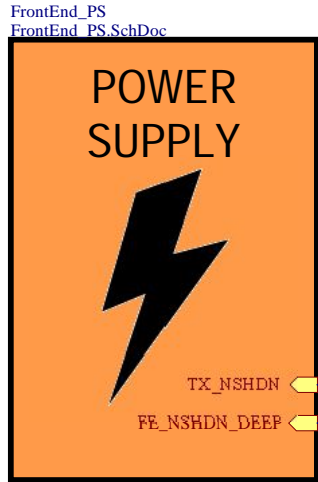
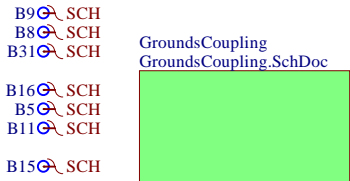


Separate ground plane for PA - no DC ground loop in case of powering from external connector.

Test without this filter. if harmonics are ok short it.



INFO:  
-due to filters used frontend shall operate with quite high IF 2GHz  
LO FREQ can be adjusted from 4 to 8GHz (with component reassembly)

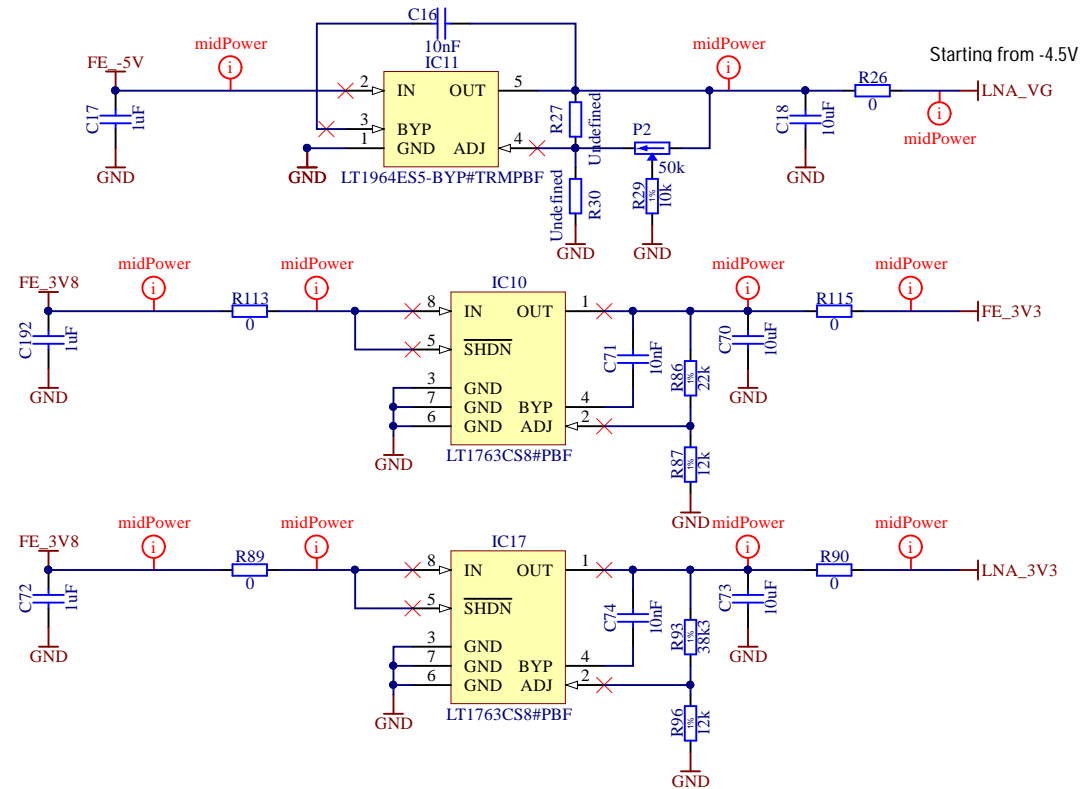
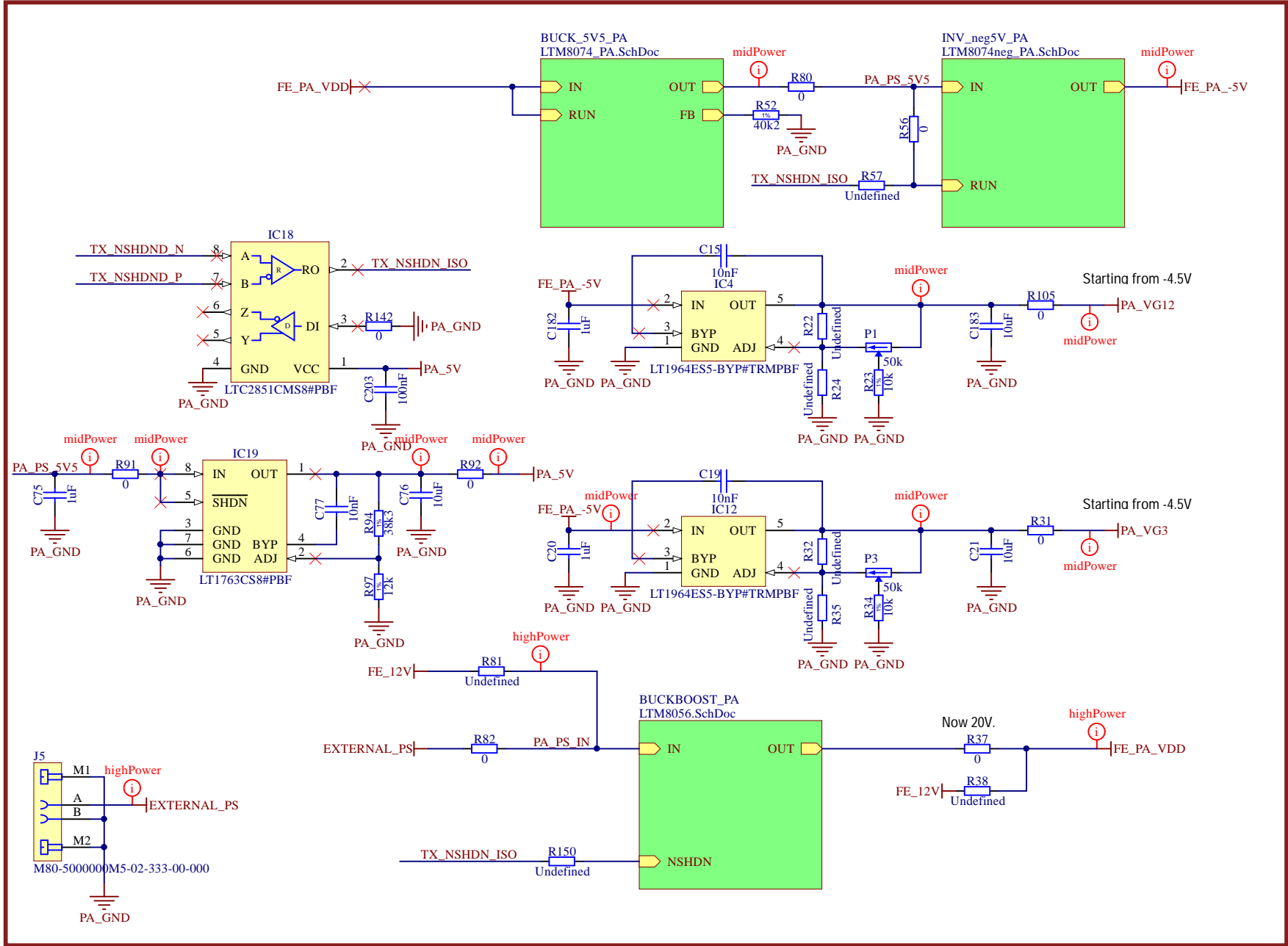
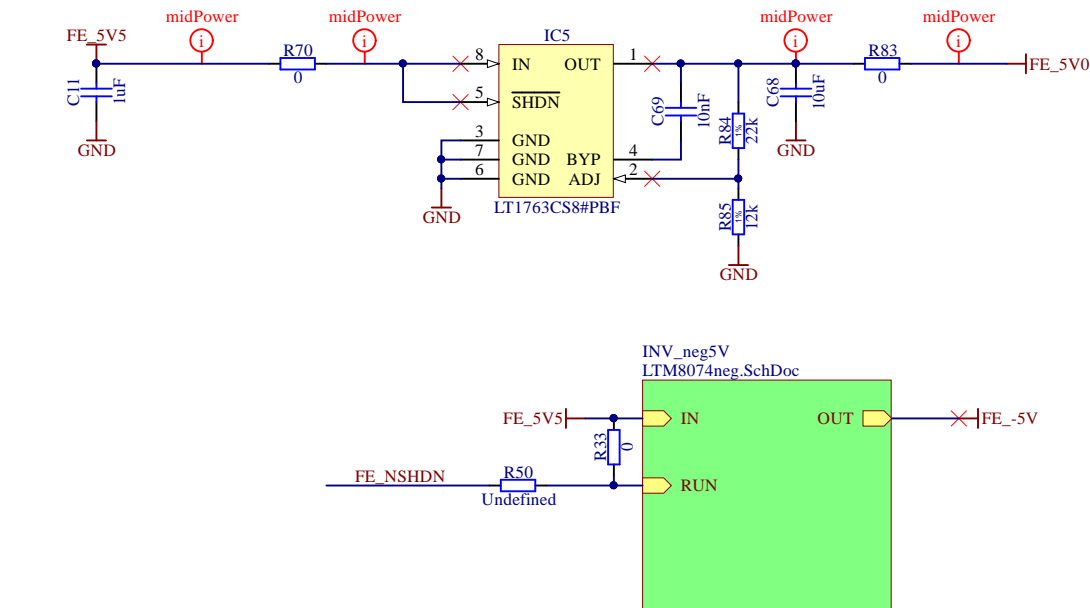
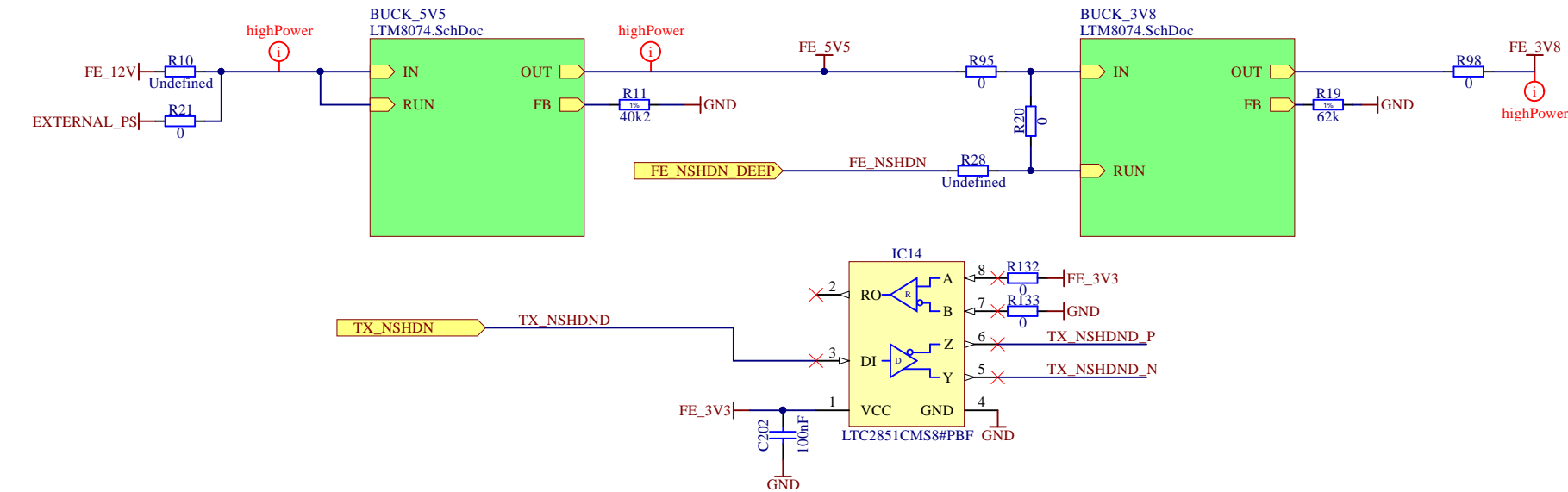


Note: for debugging purposes shutdown pins are disconnected from FMC

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| Project/Equipment |  | -                   |
| Document          |  | TE/MPE              |
| Title             |  | Title2              |
| Designer          |  | Designer            |
| Drawn by          |  | DrawnBy             |
| Check by          |  | -                   |
| Last Mod.         |  | 16.12.2019          |
| File              |  | FrontEnd.SchDoc     |
| Print Date        |  | 29.12.2019 17:45:26 |
| Sheet             |  | 2 of 10             |
| Size              |  | A3                  |
| Rev               |  | -                   |

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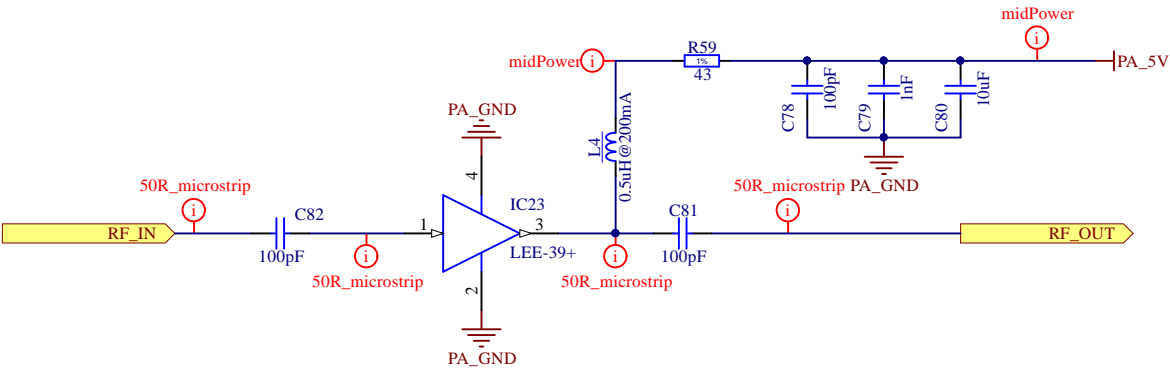
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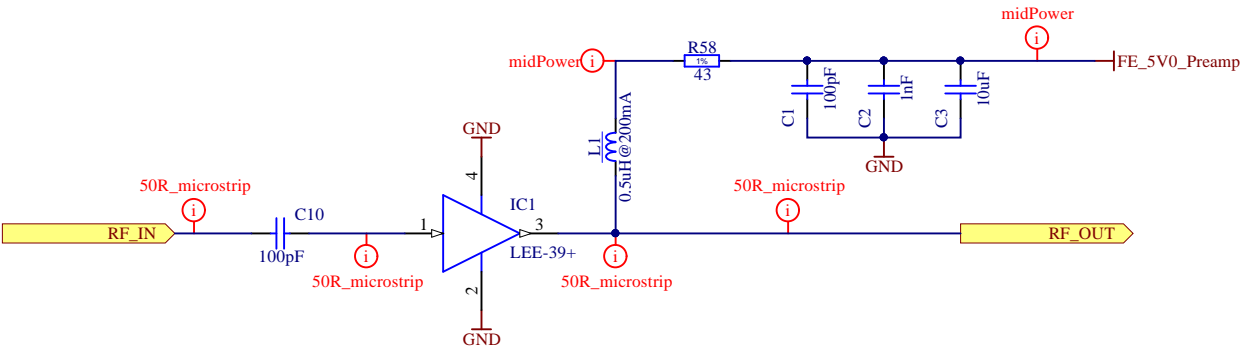







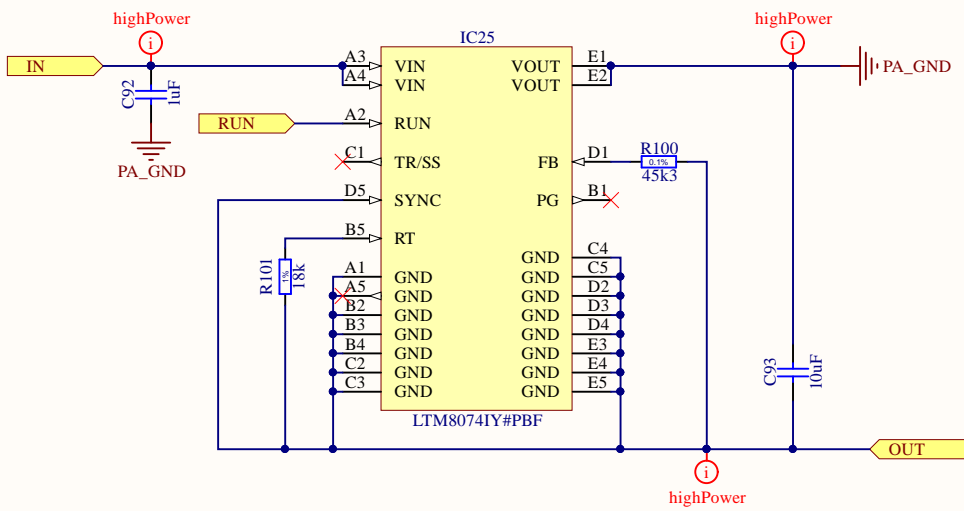


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|  | Last Mod. -          | 24.11.2019     |
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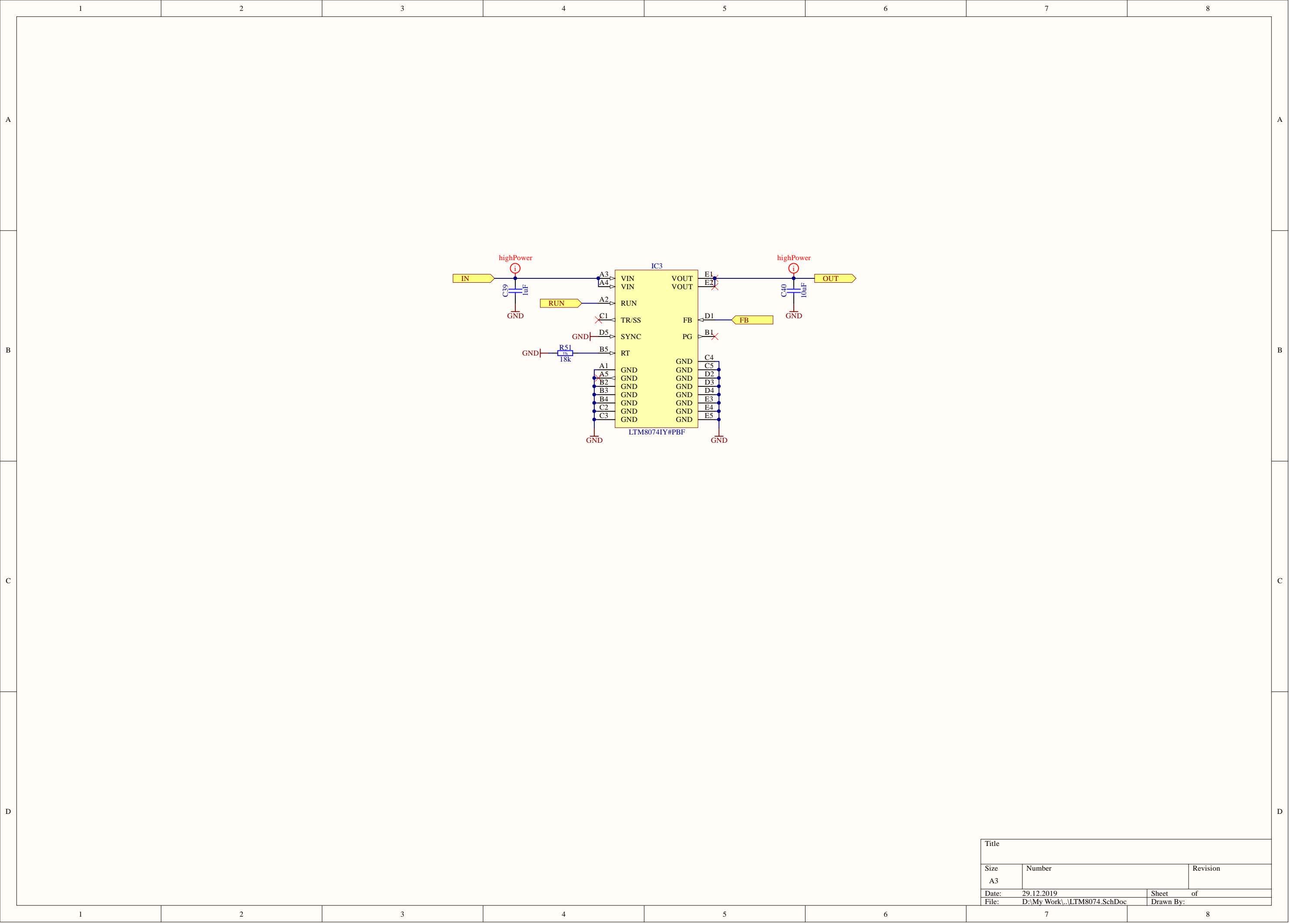


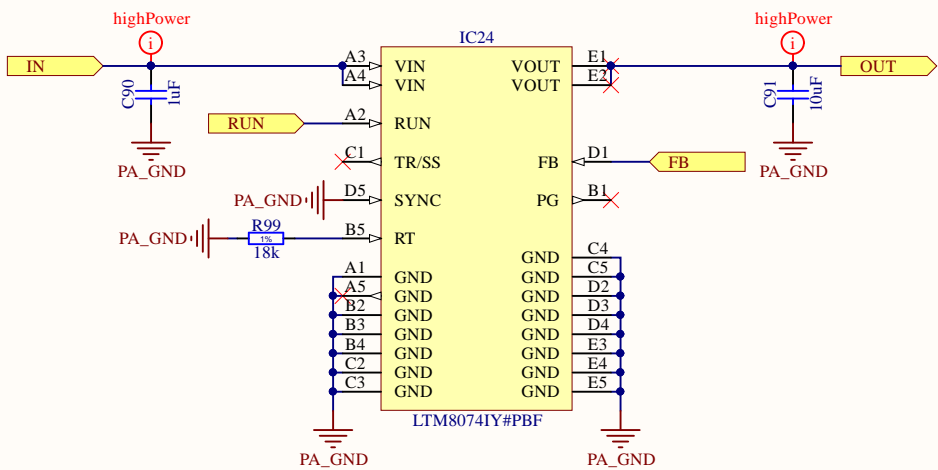
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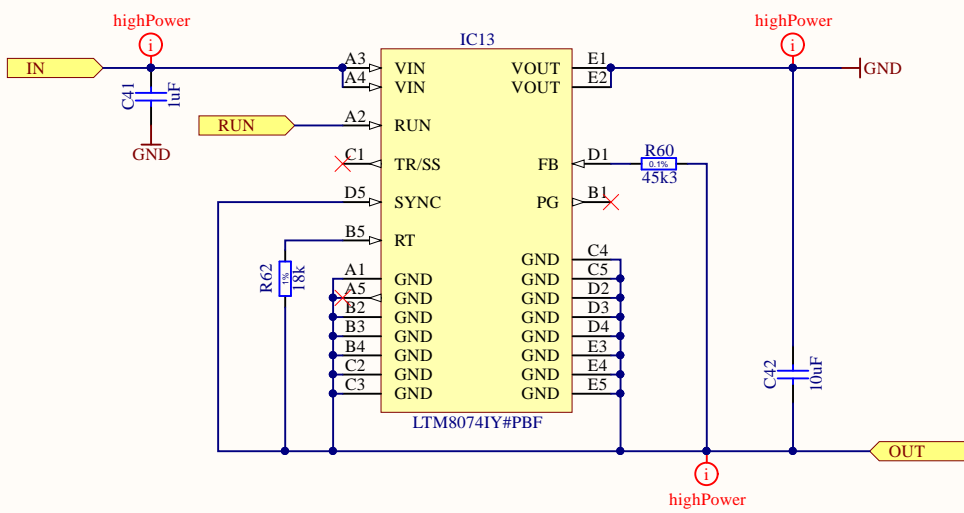


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