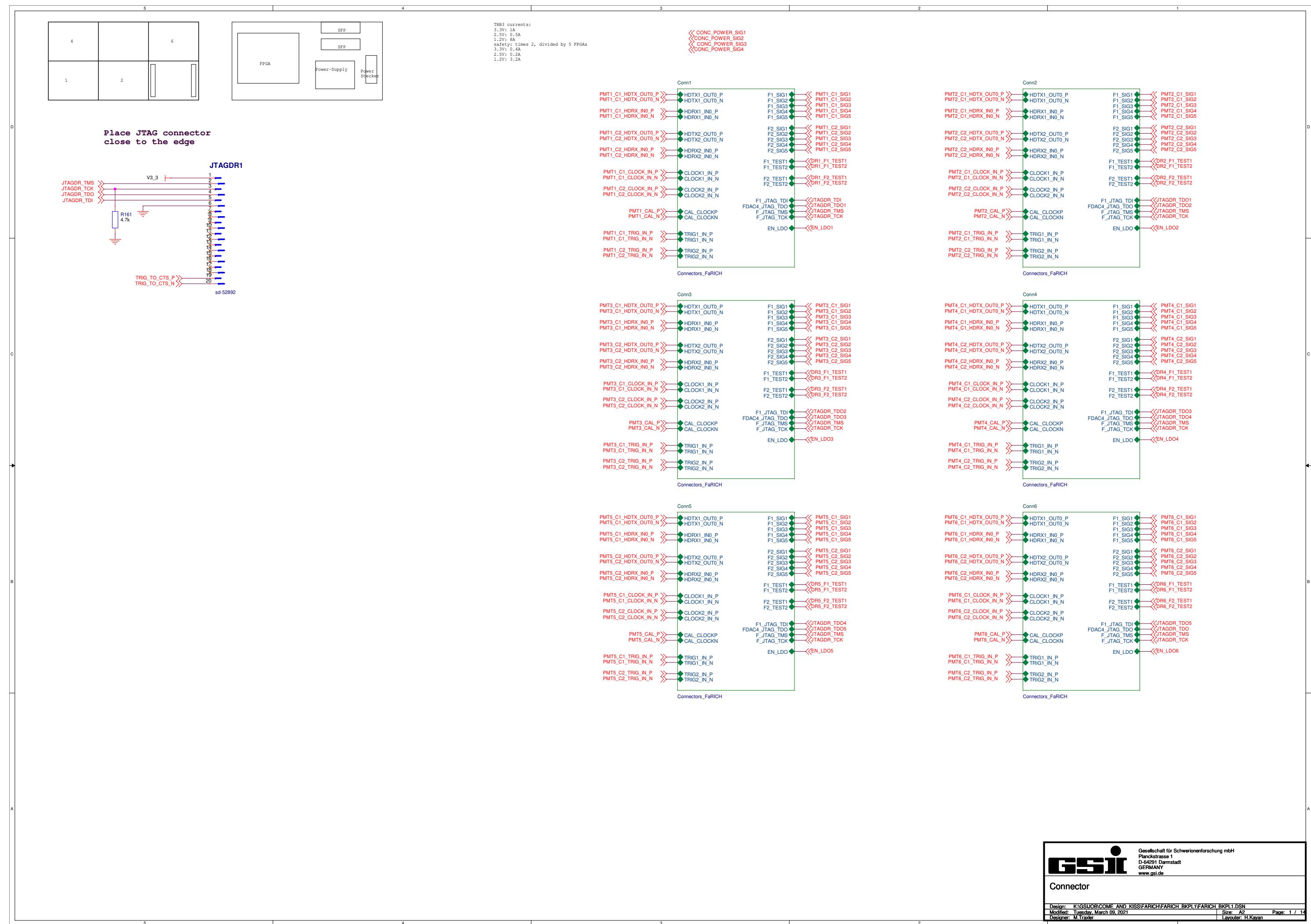
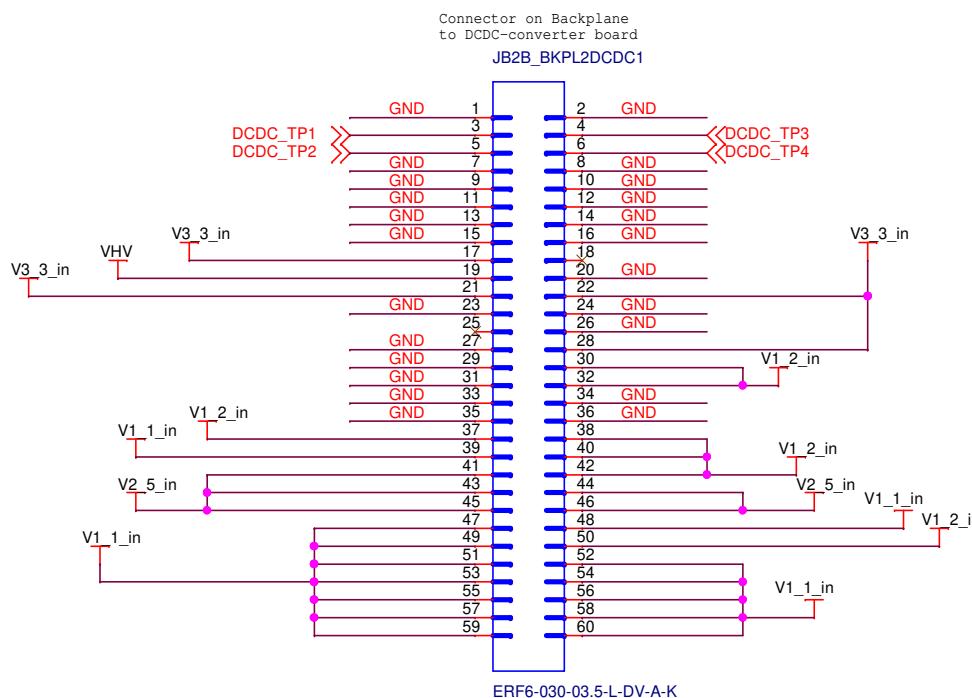


#Backplane



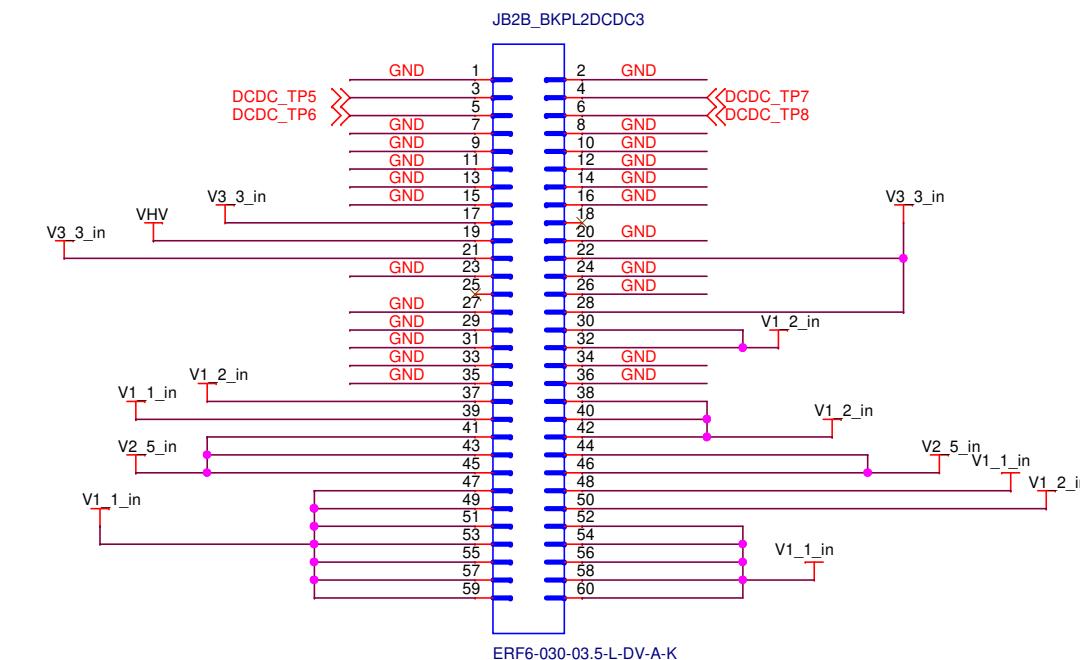
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D



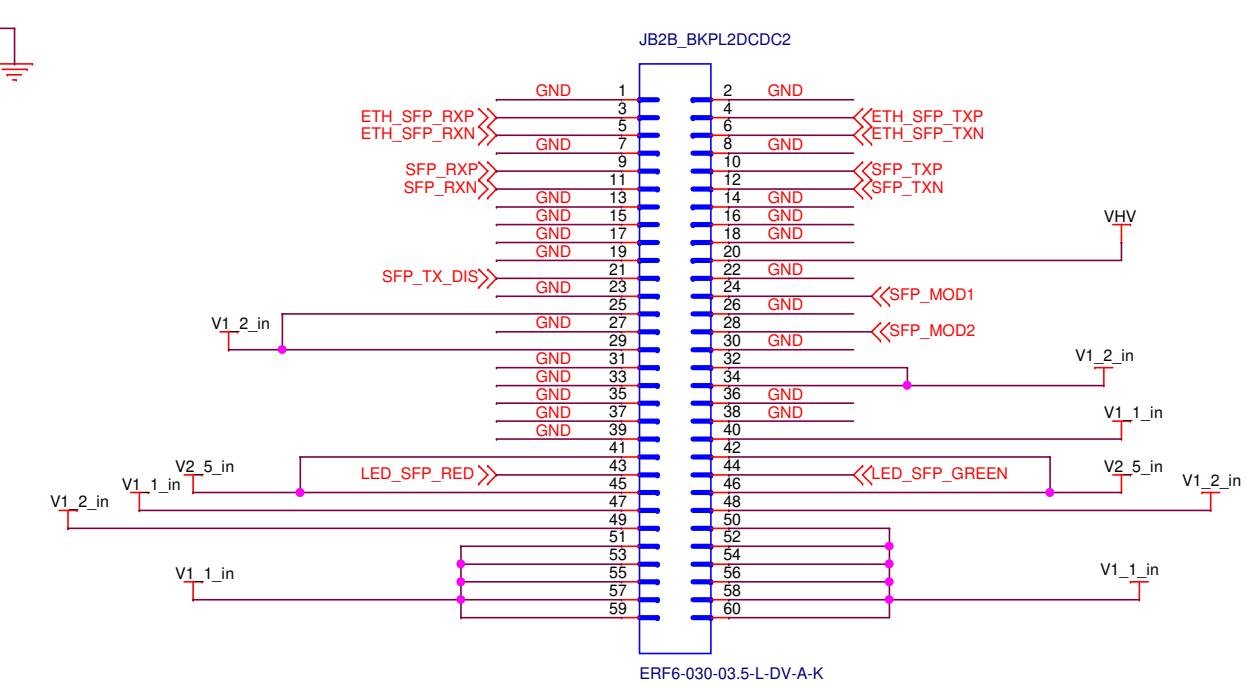
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C



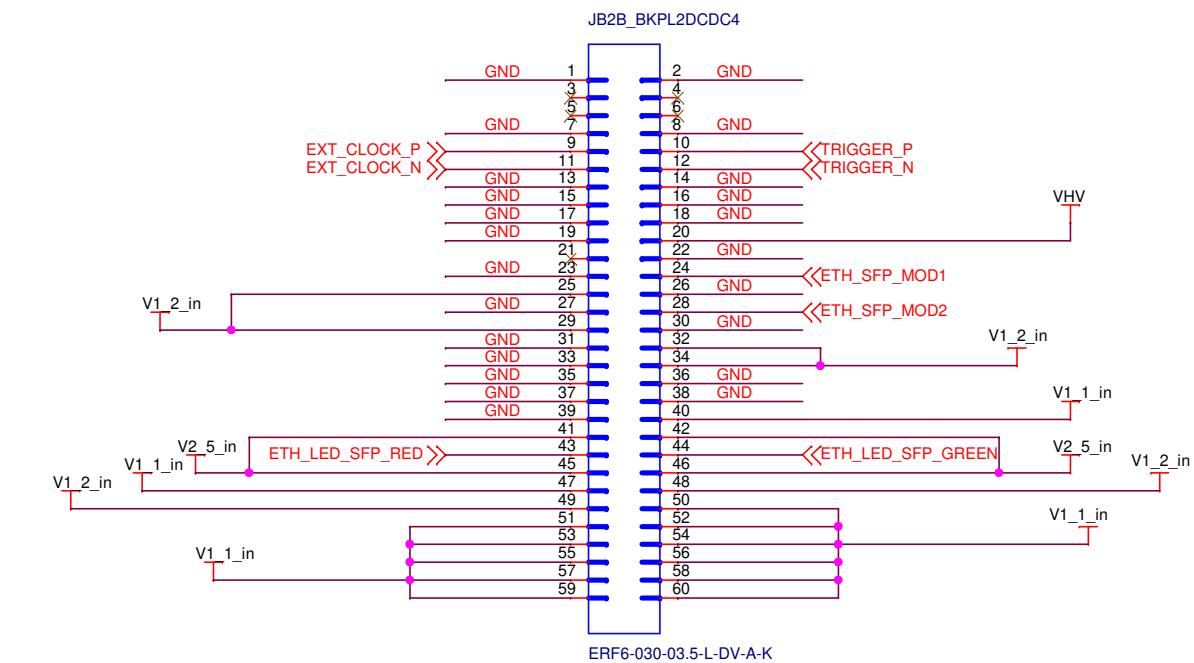
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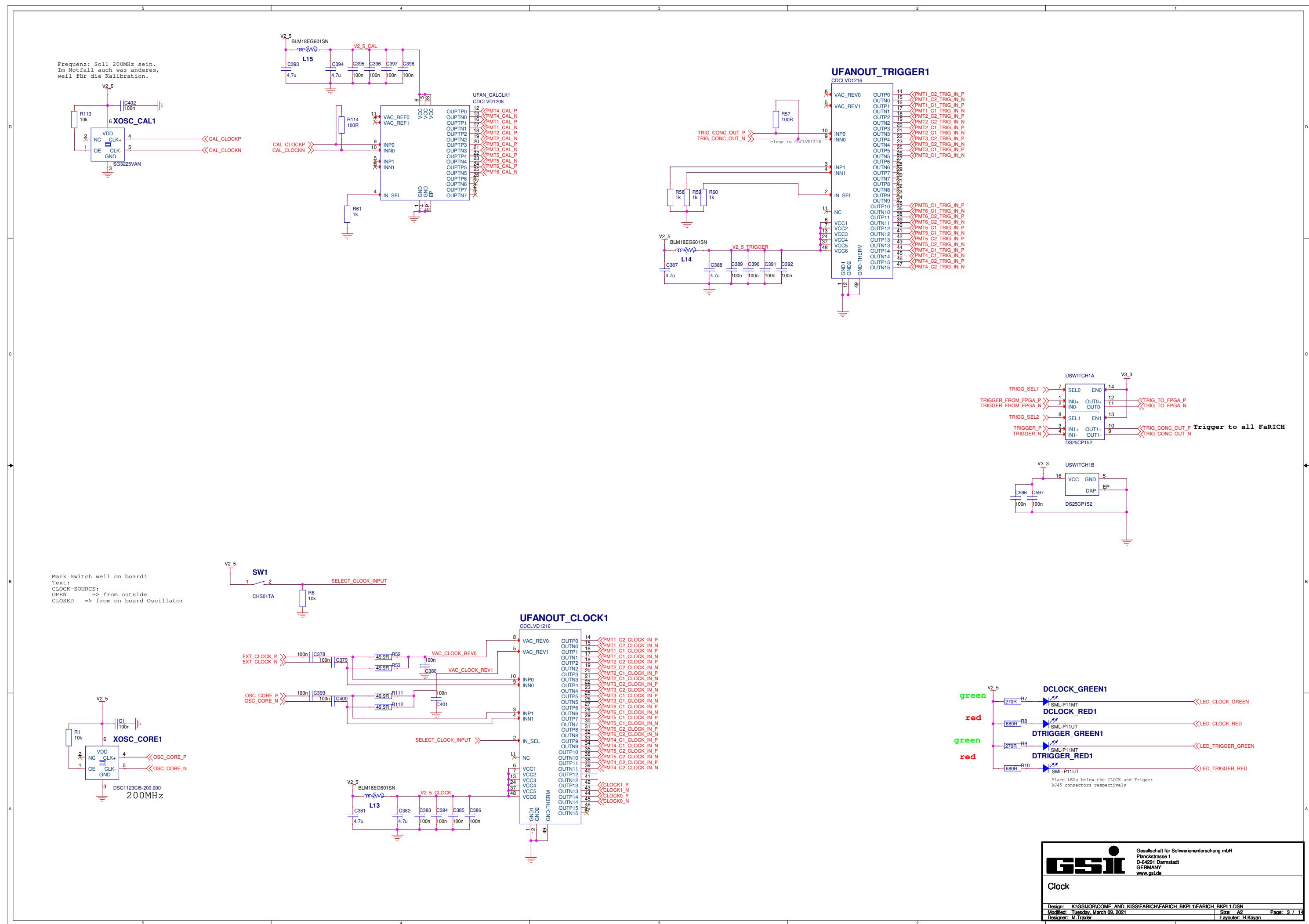
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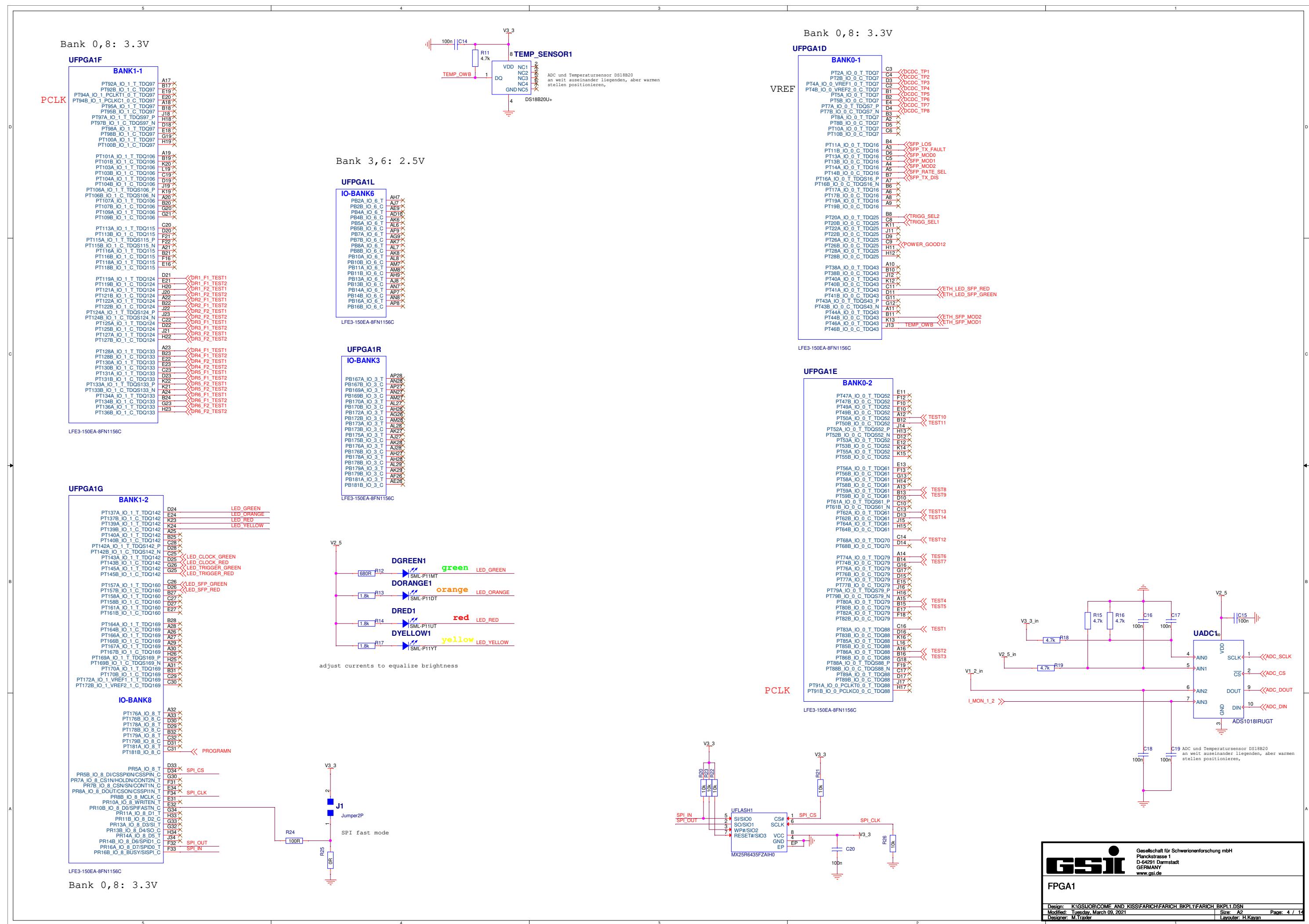


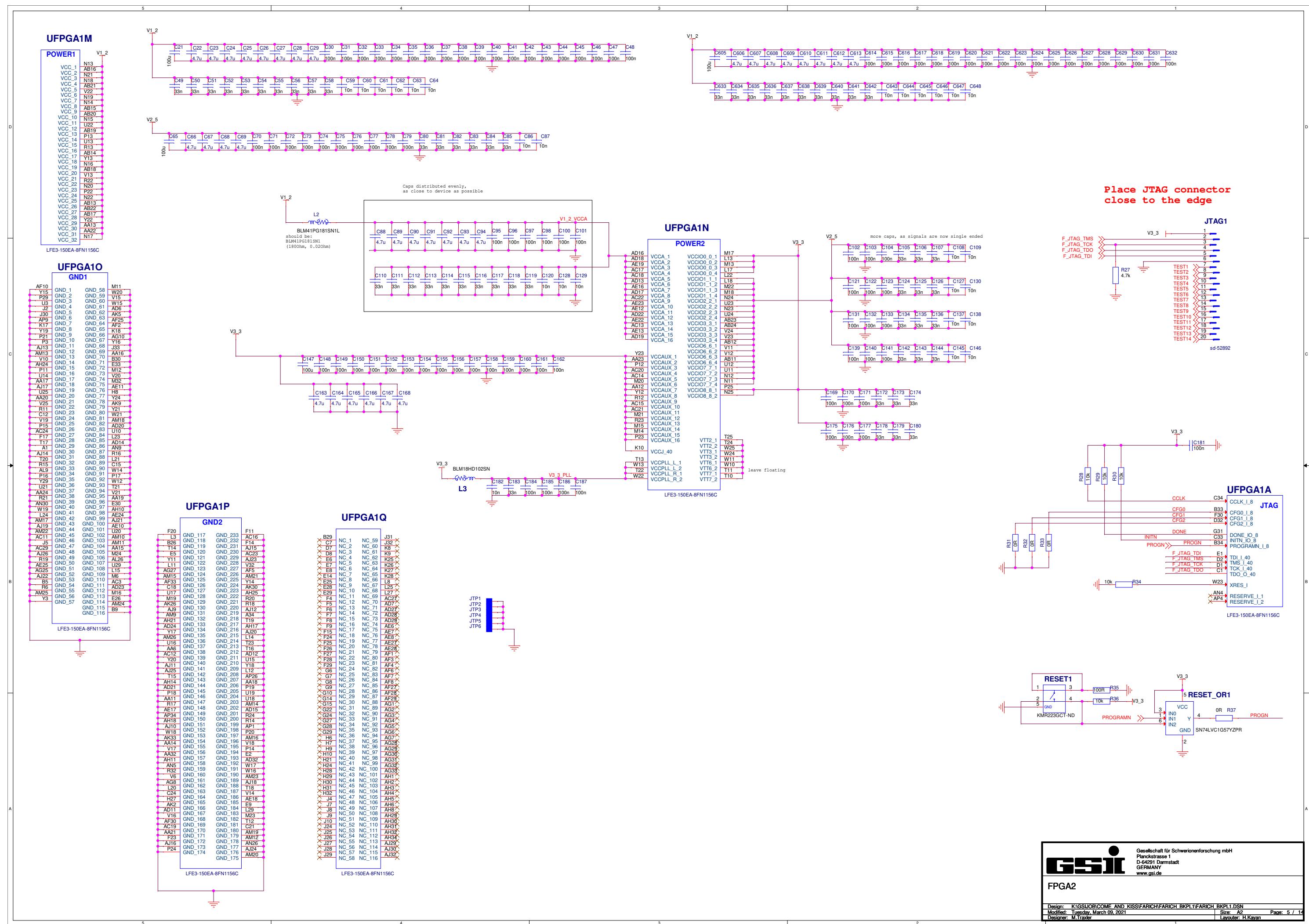
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A

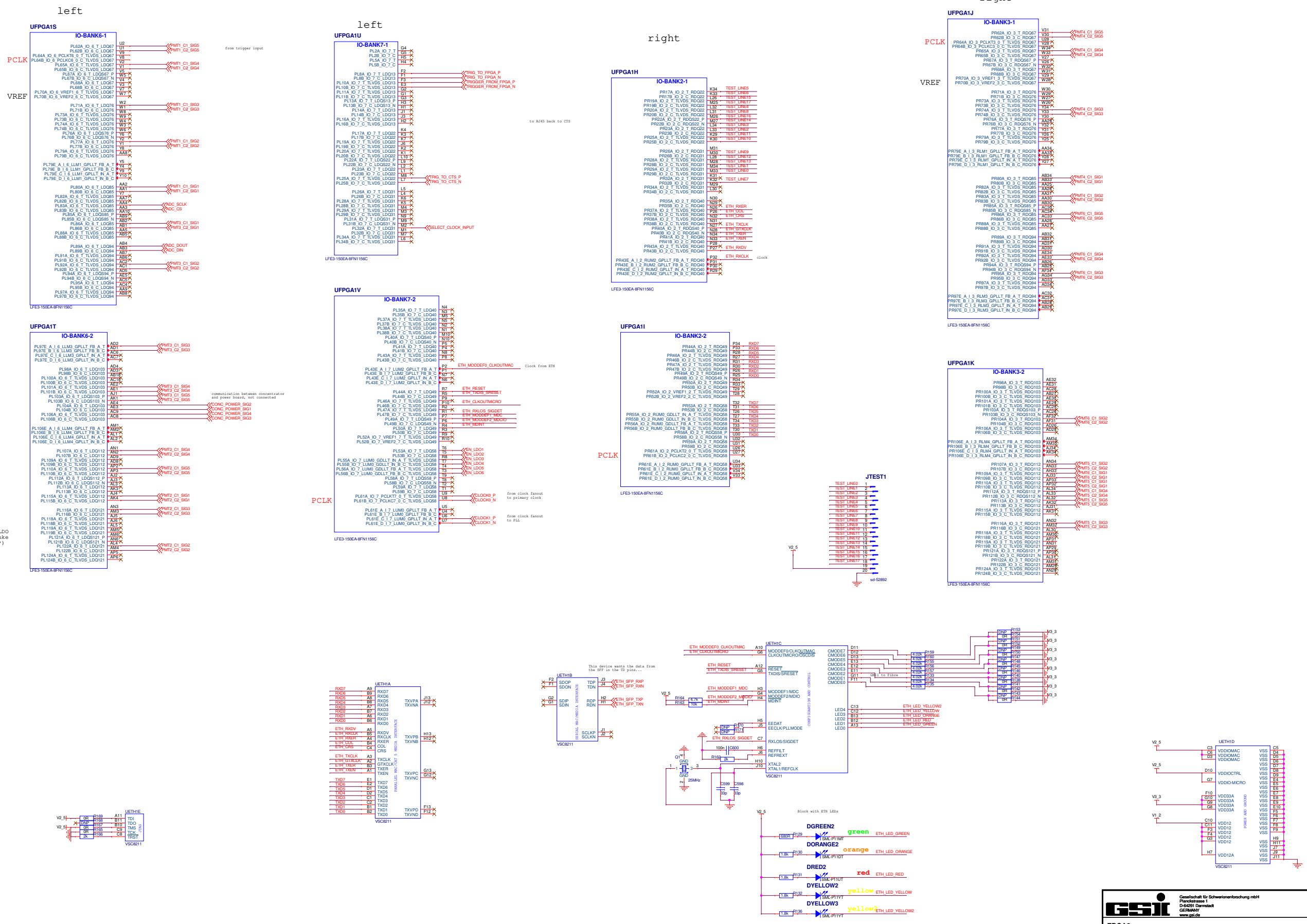


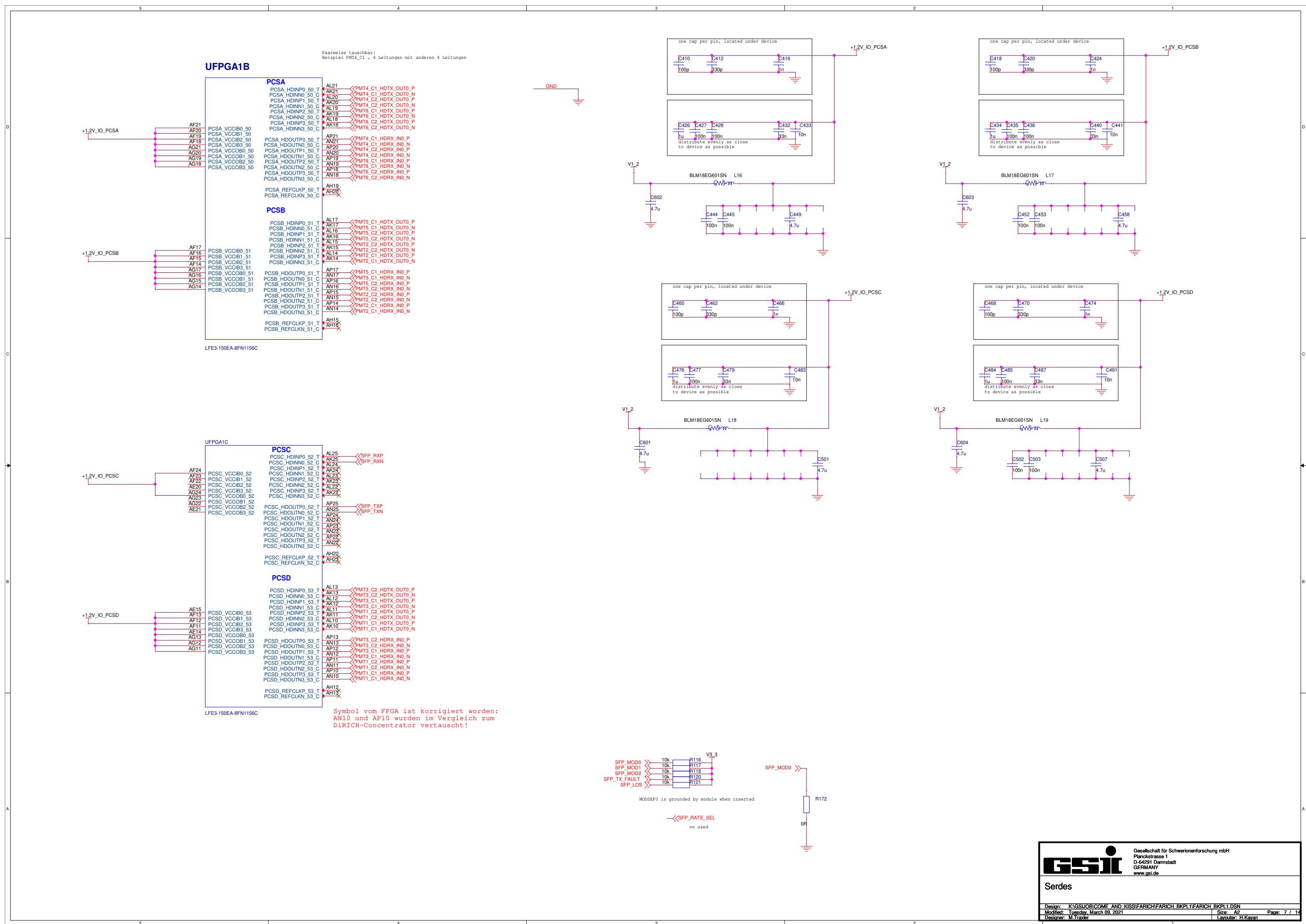


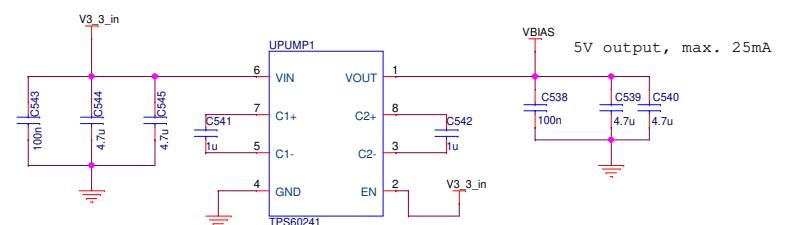
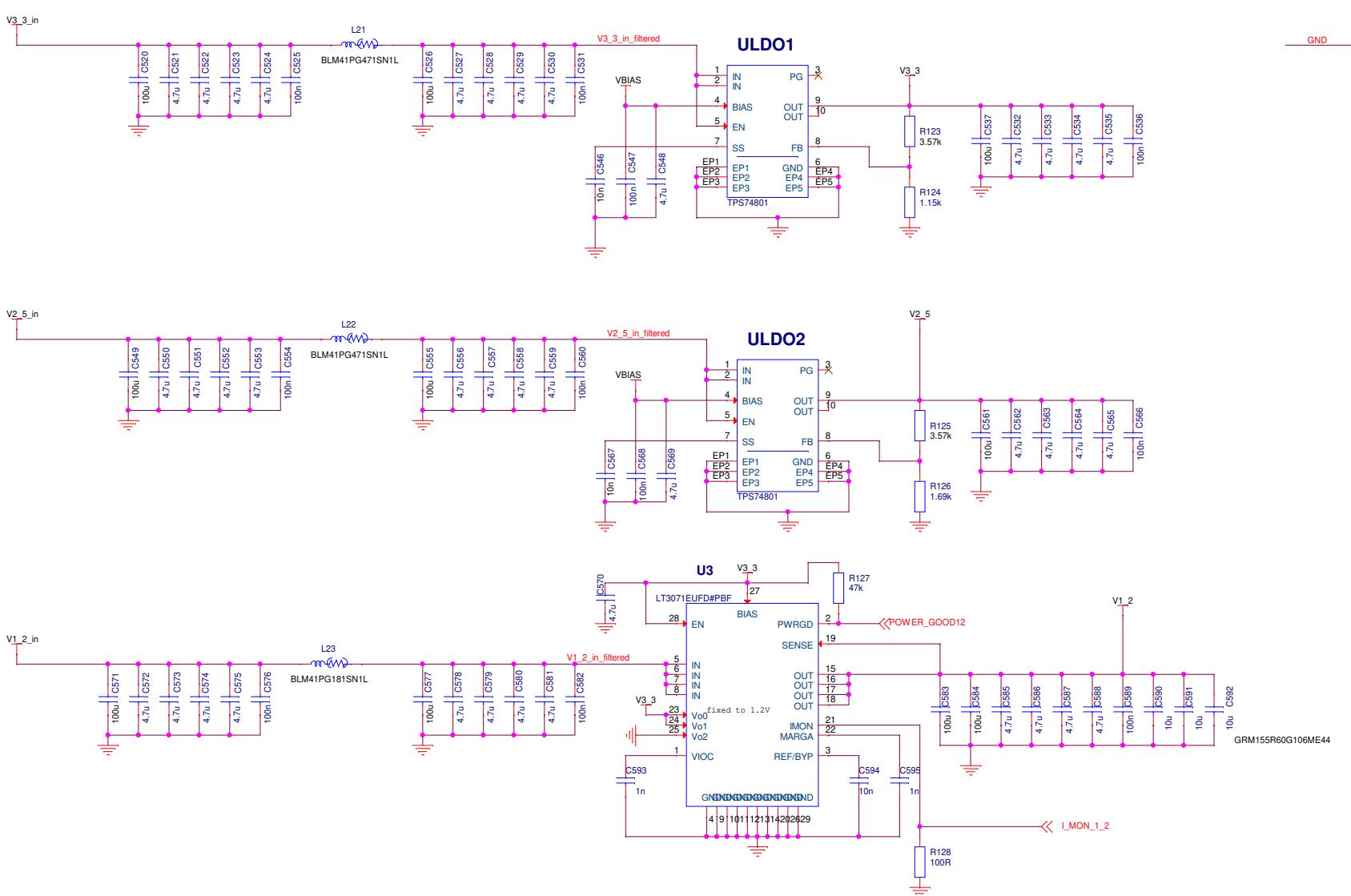




BANK 6+7, 2+3: VIO=2.5V







D

D

C

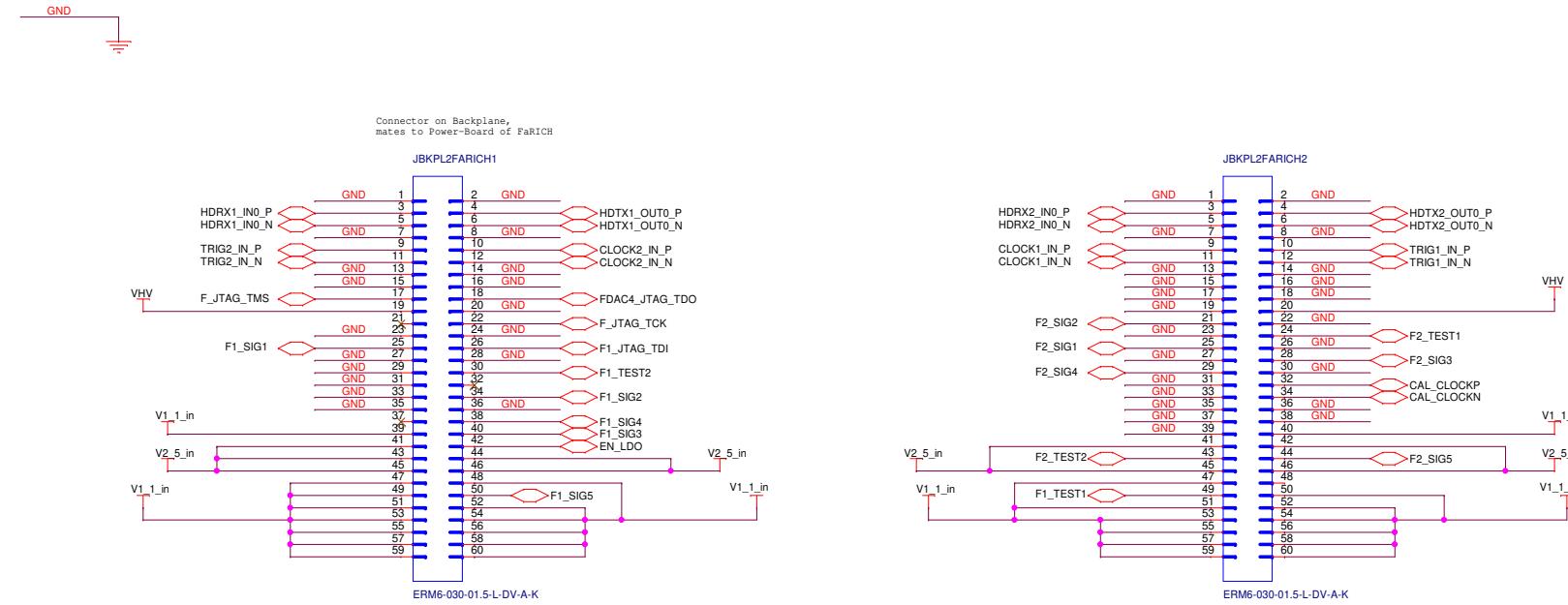
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B

B

A

A



D

D

C

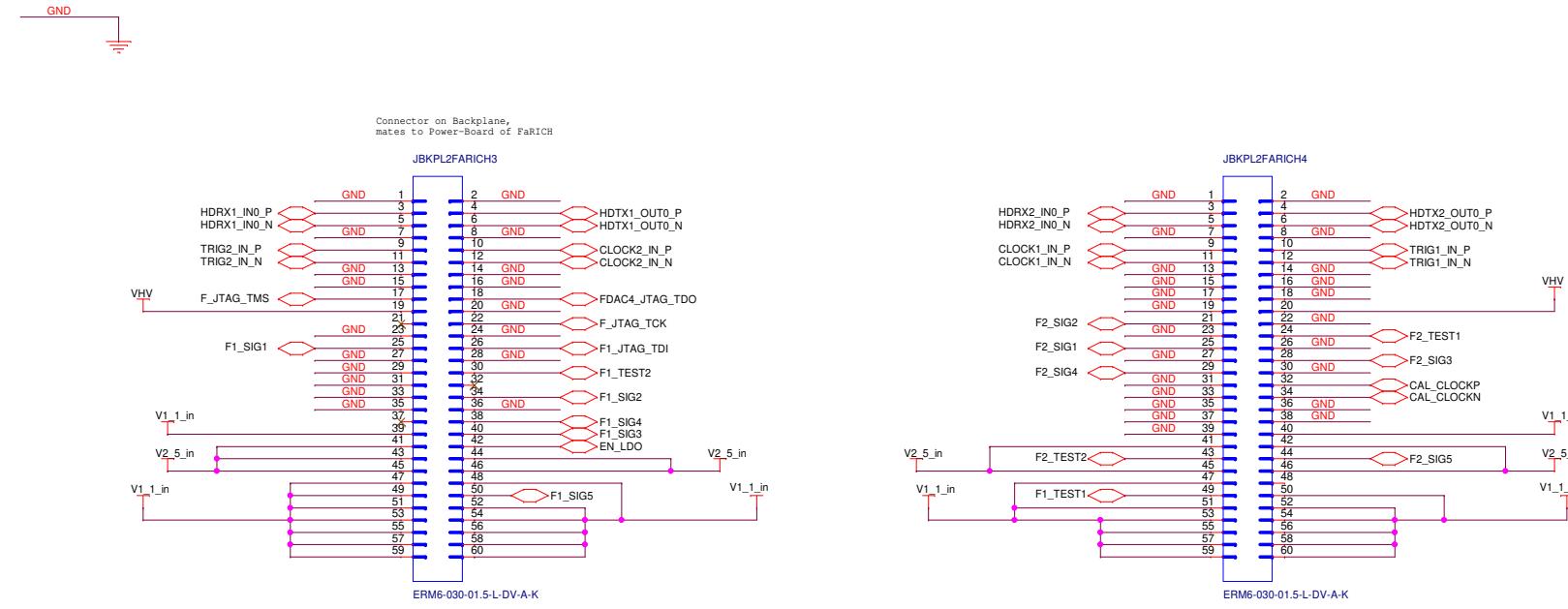
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B

B

A

A



D

D

C

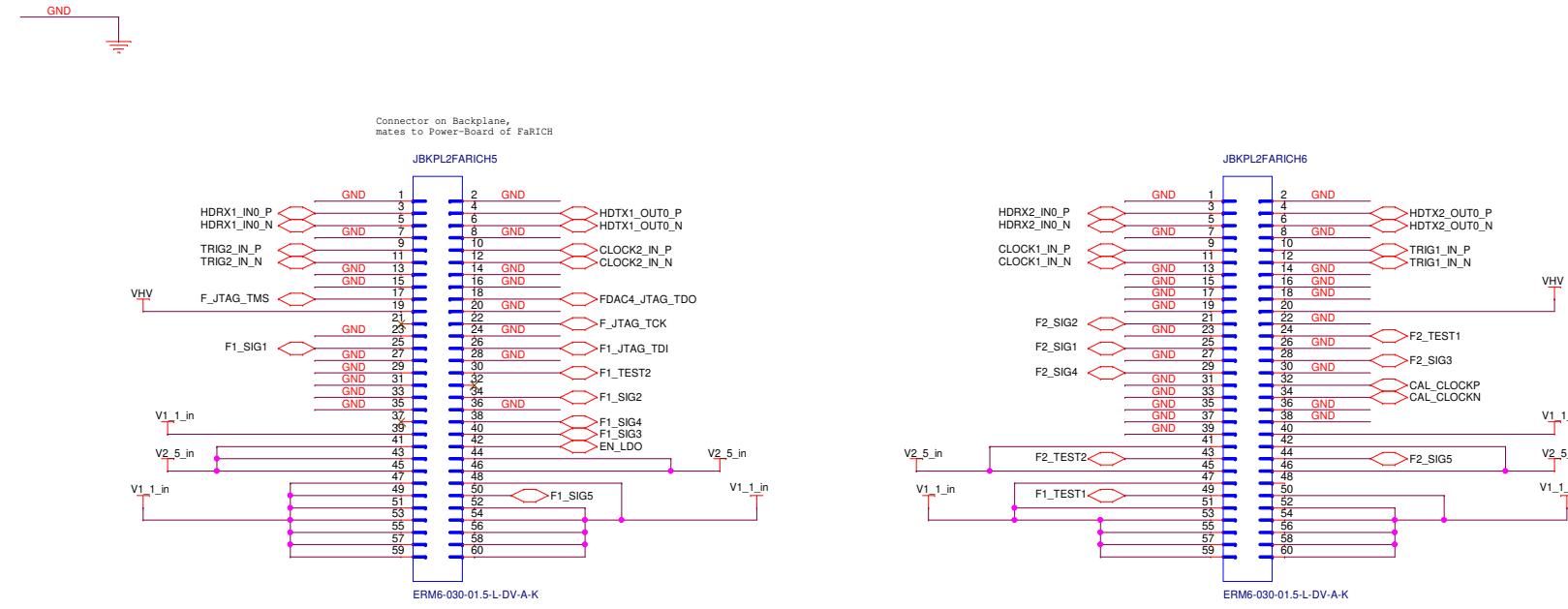
C

B

B

A

A



D

D

C

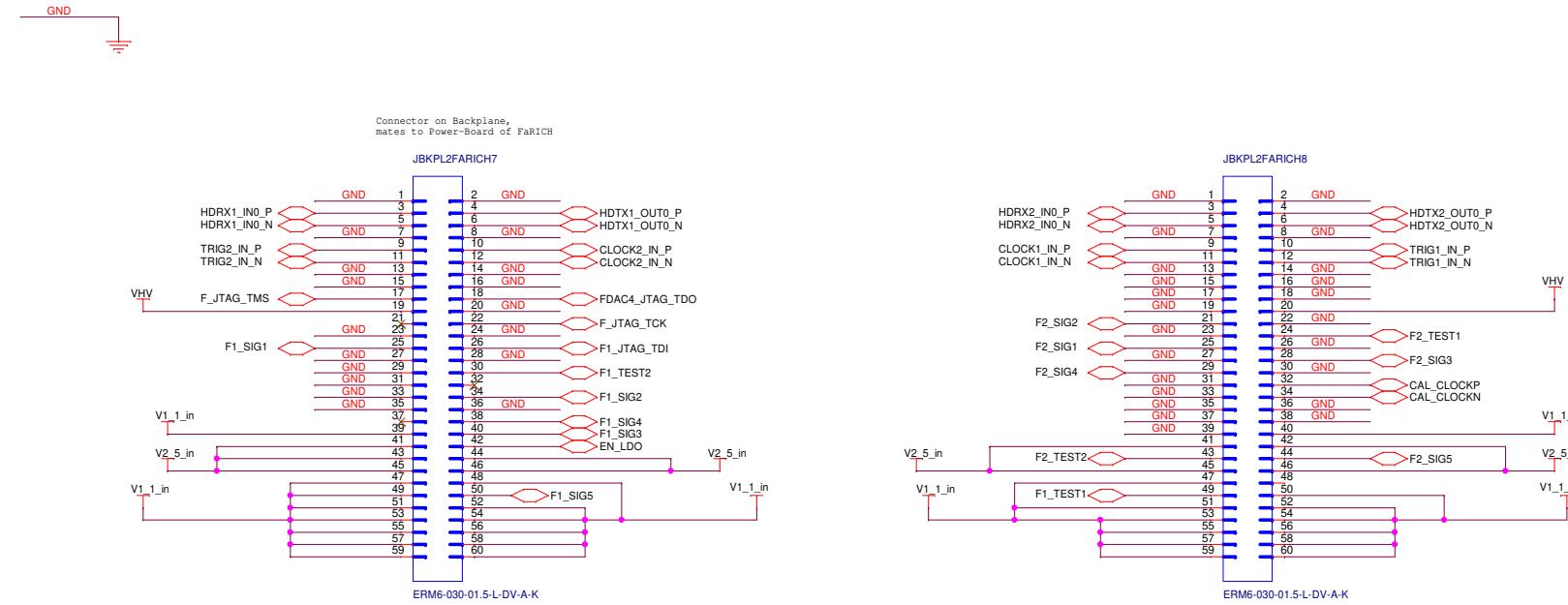
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B

B

A

A



D

D

C

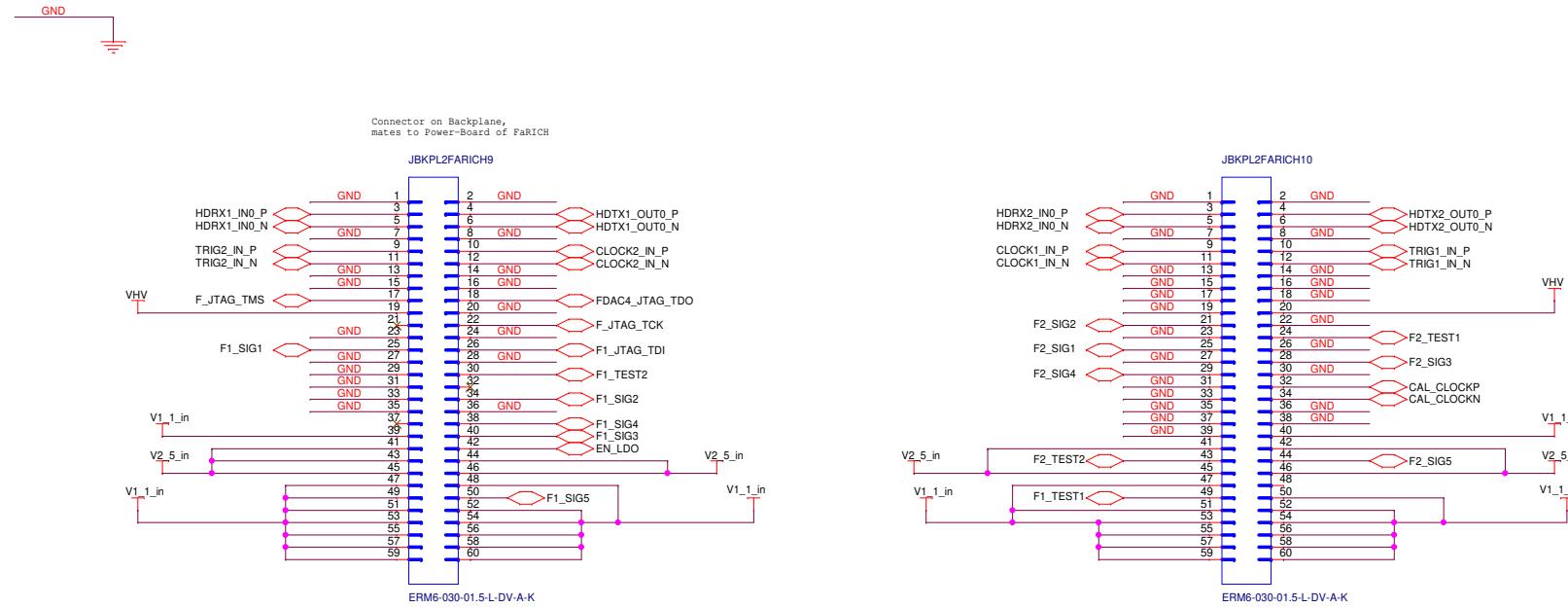
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B

B

A

A



D

D

C

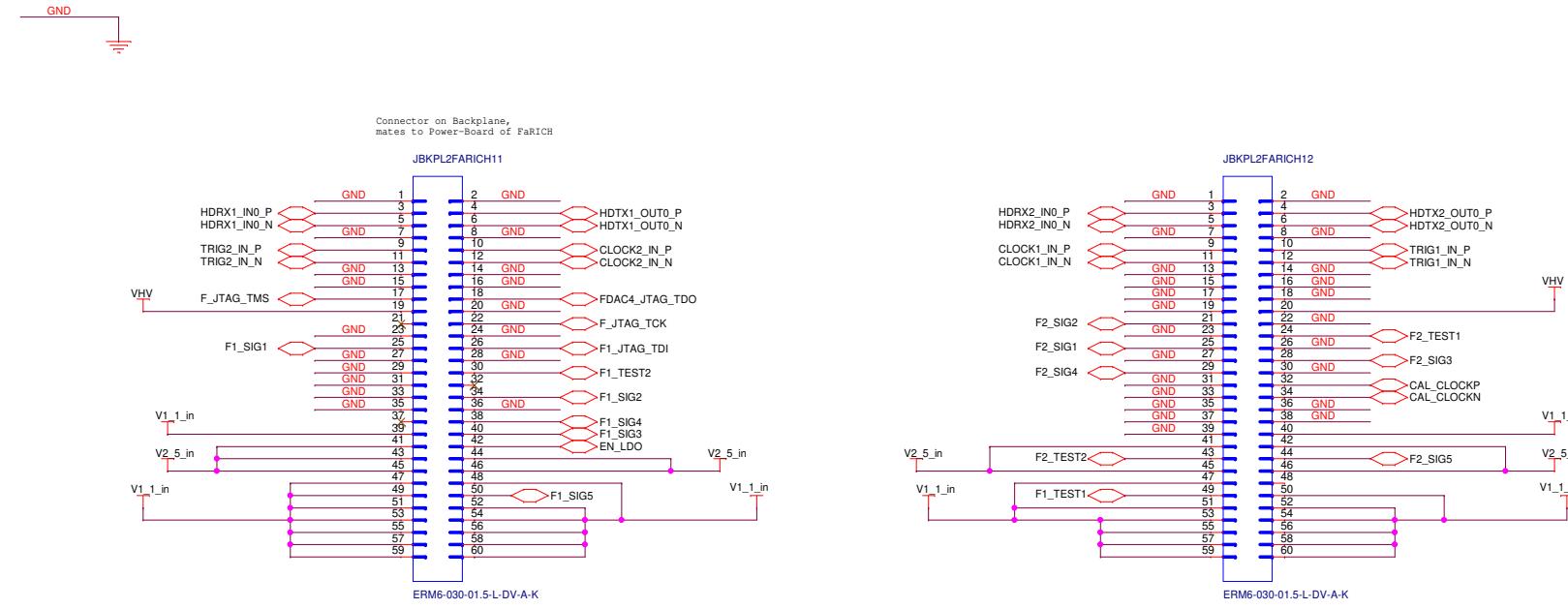
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B

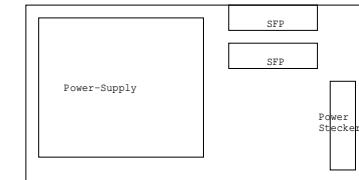
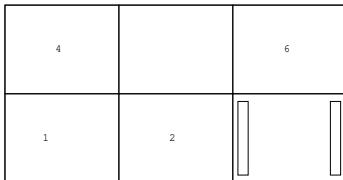
B

A

A



#DC/DC converter



3

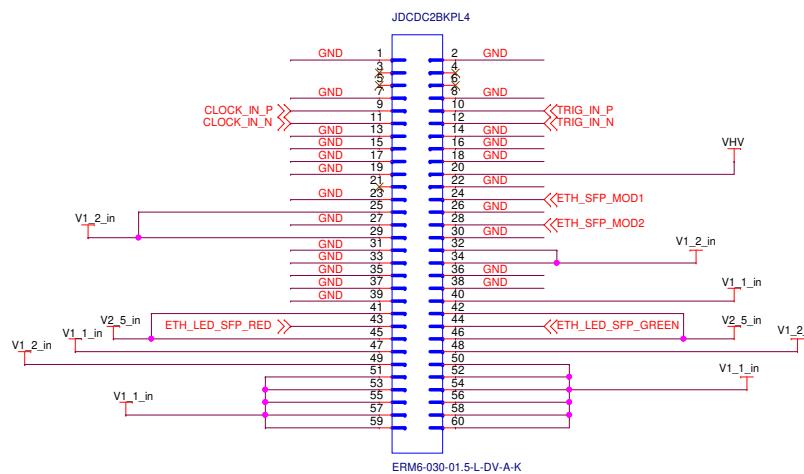
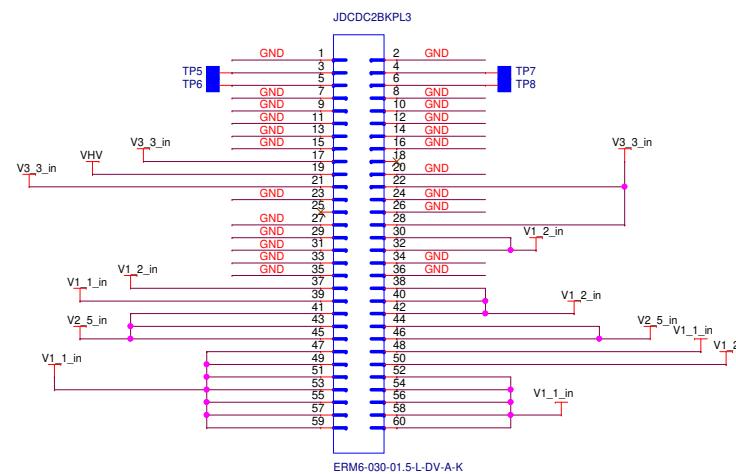
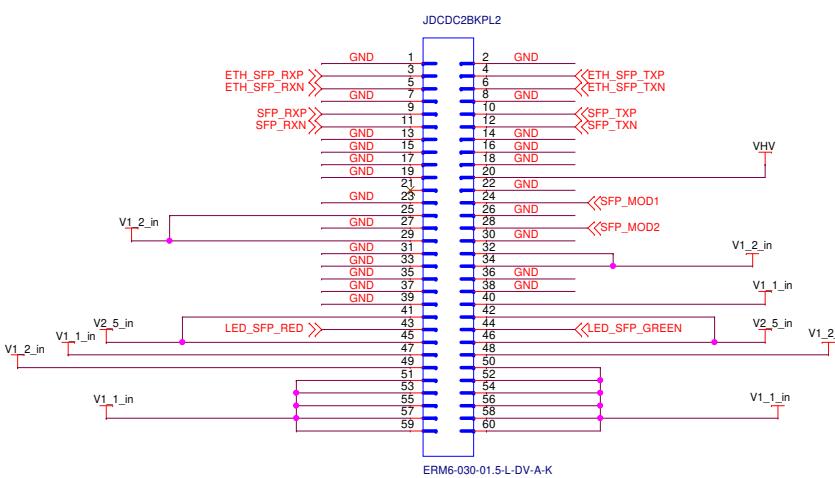
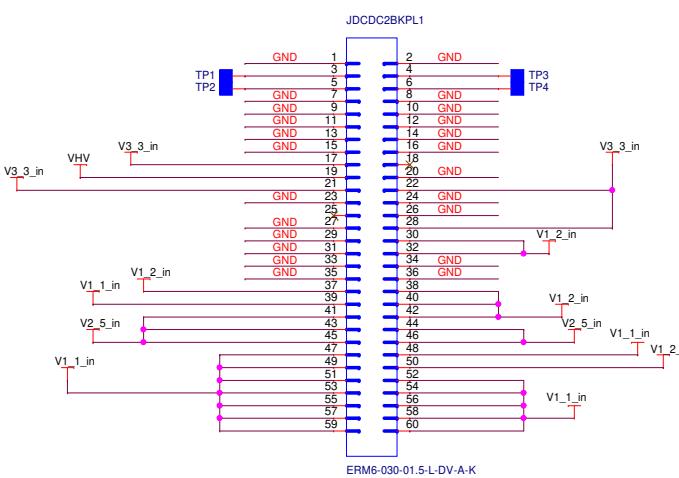
TRB3 currents:

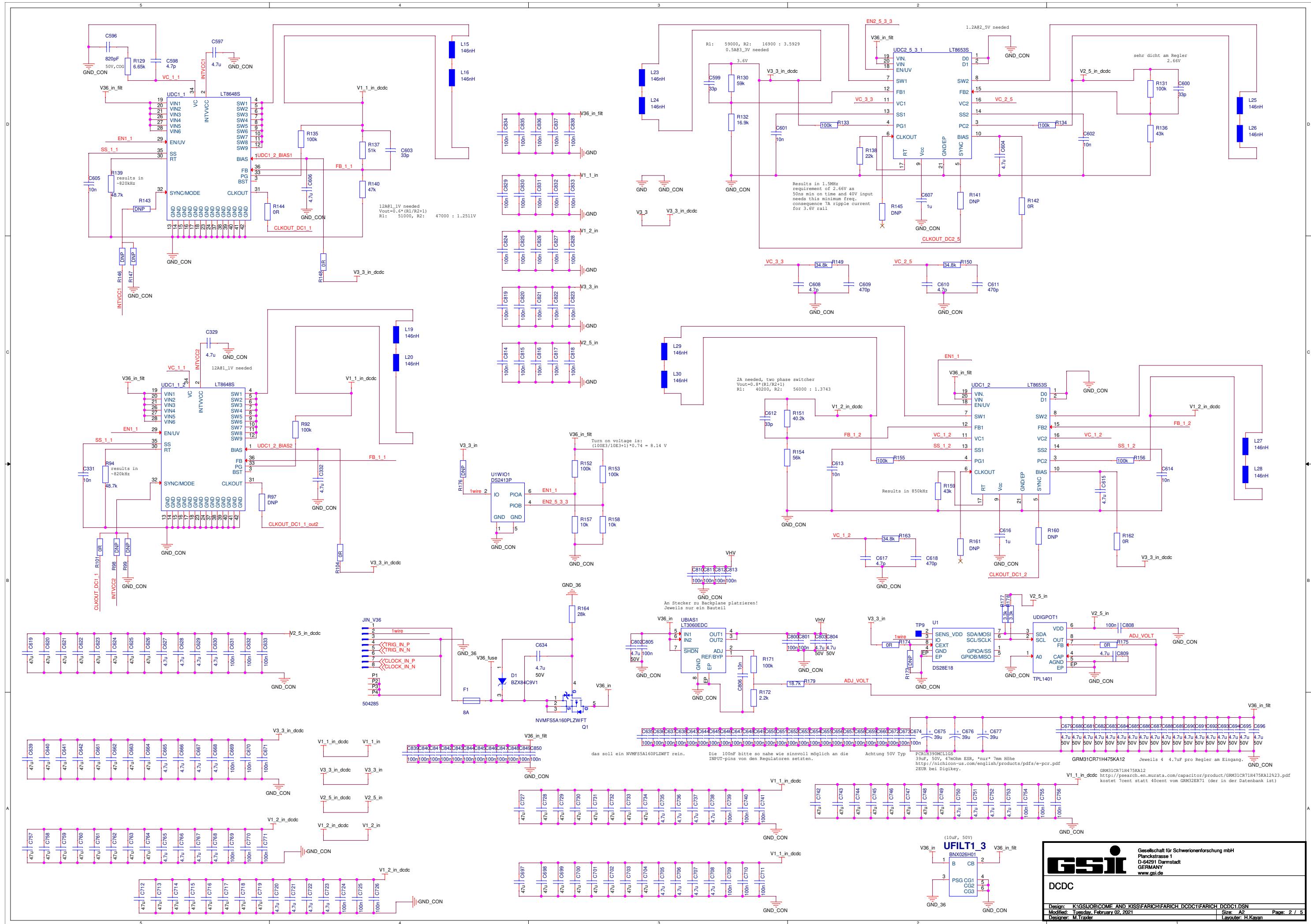
- 3.3V: 1A
- 2.5V: 0.5A
- 1.2V: 8A
- safety: times 2, divided by 5 FPGAs
- 3.3V: 0.4A
- 2.5V: 0.2A
- 1.2V: 3.2A

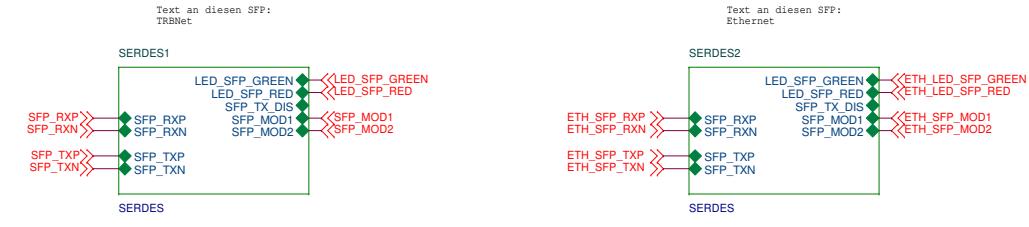
2

1

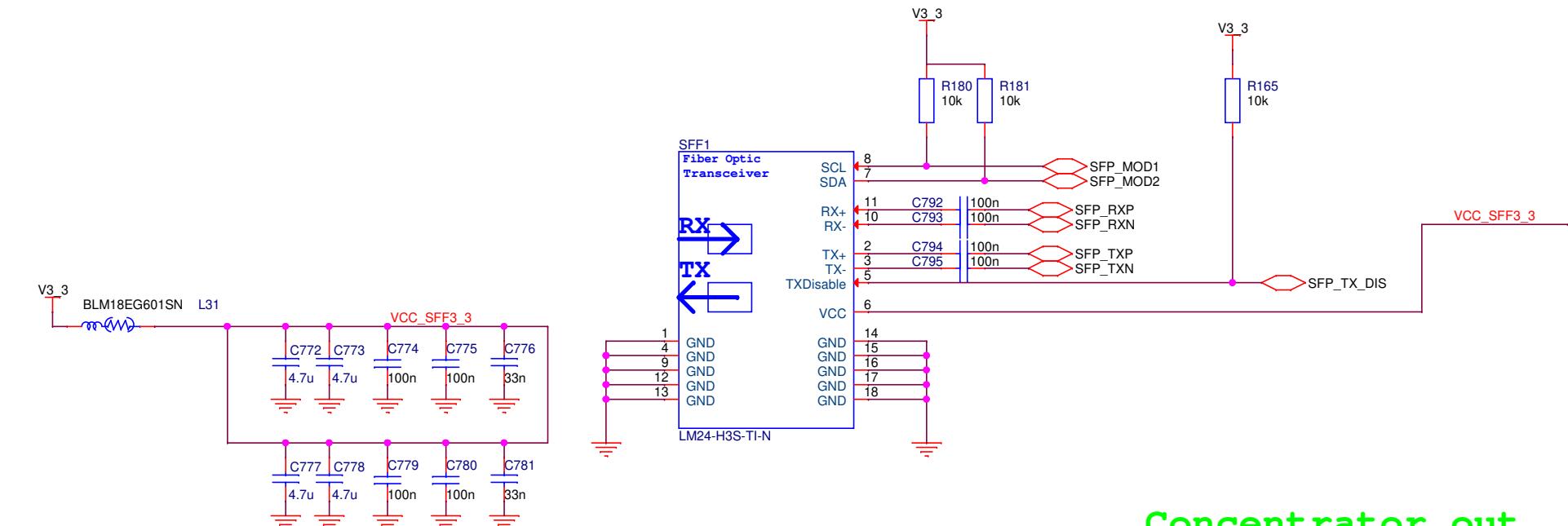
GND



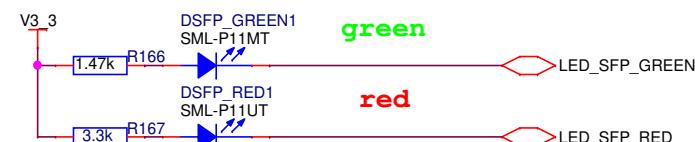




D



Concentrator out



C

D

B

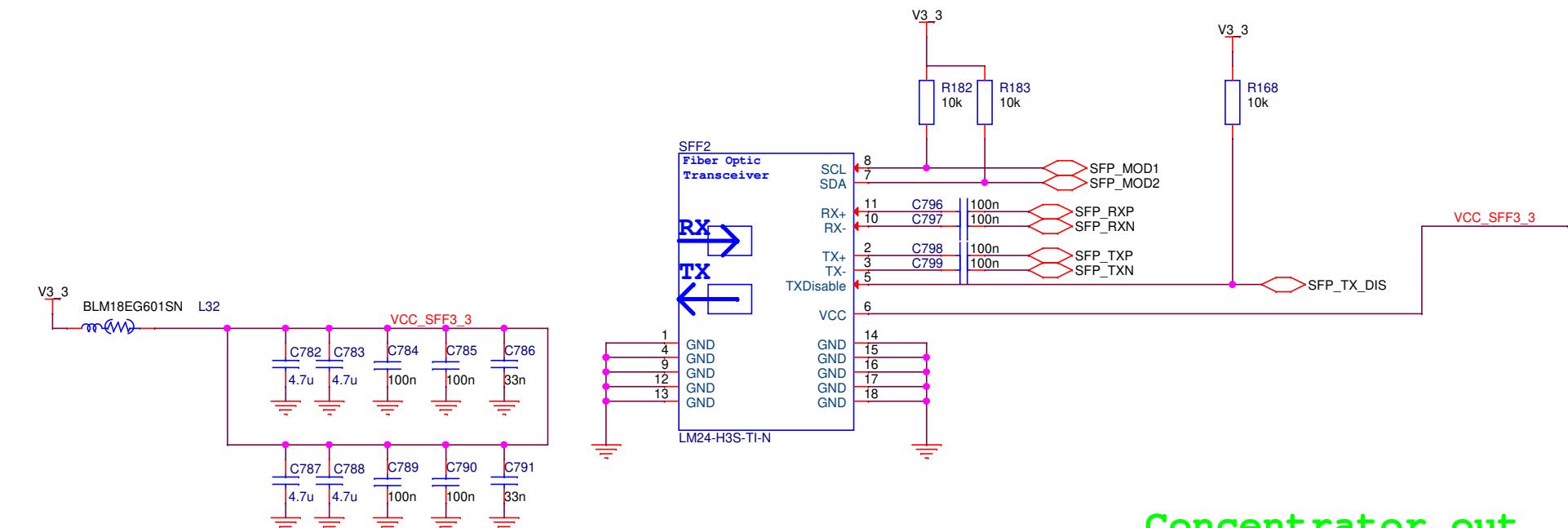
C

A

B

A

D



Concentrator out



B

A

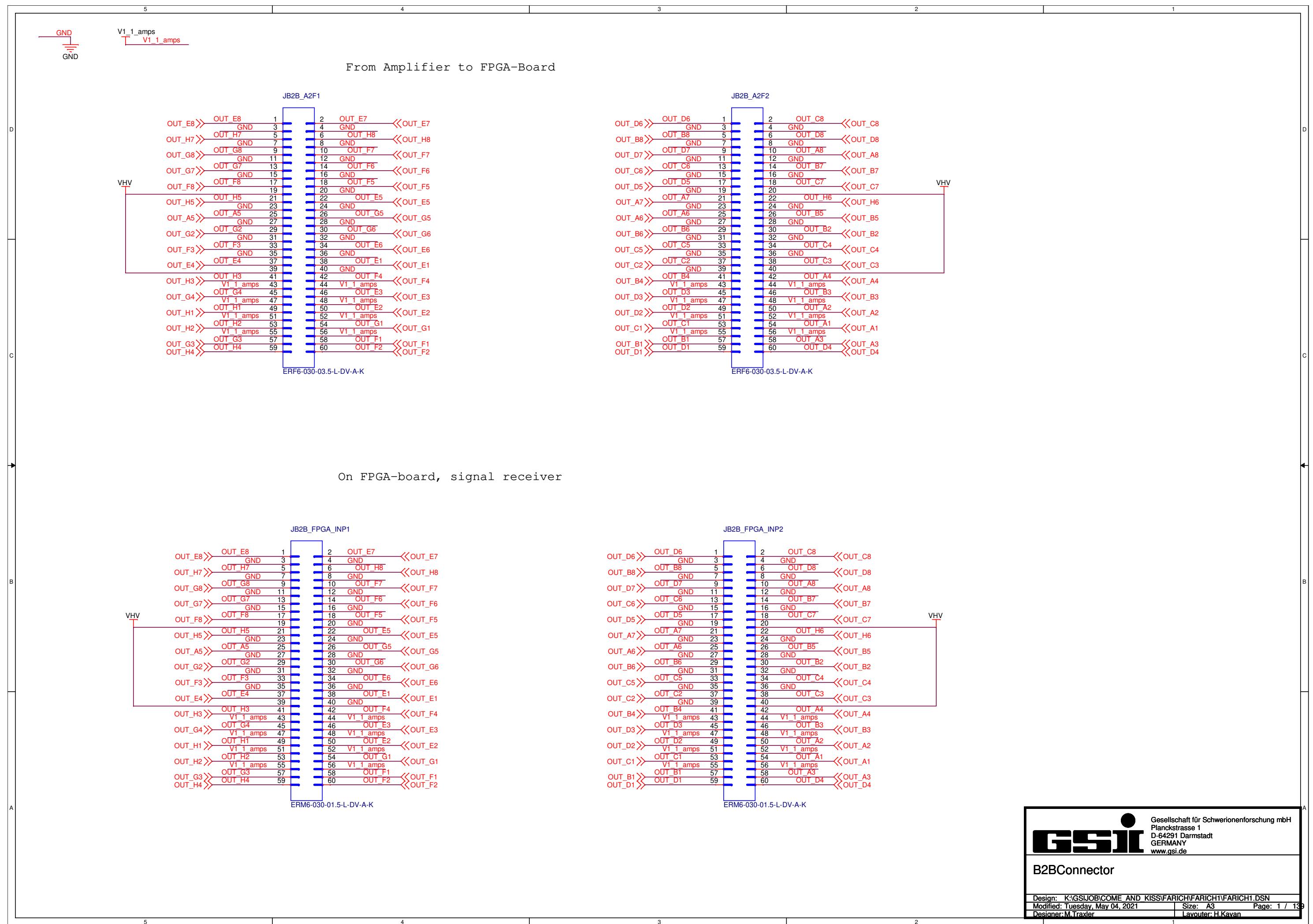
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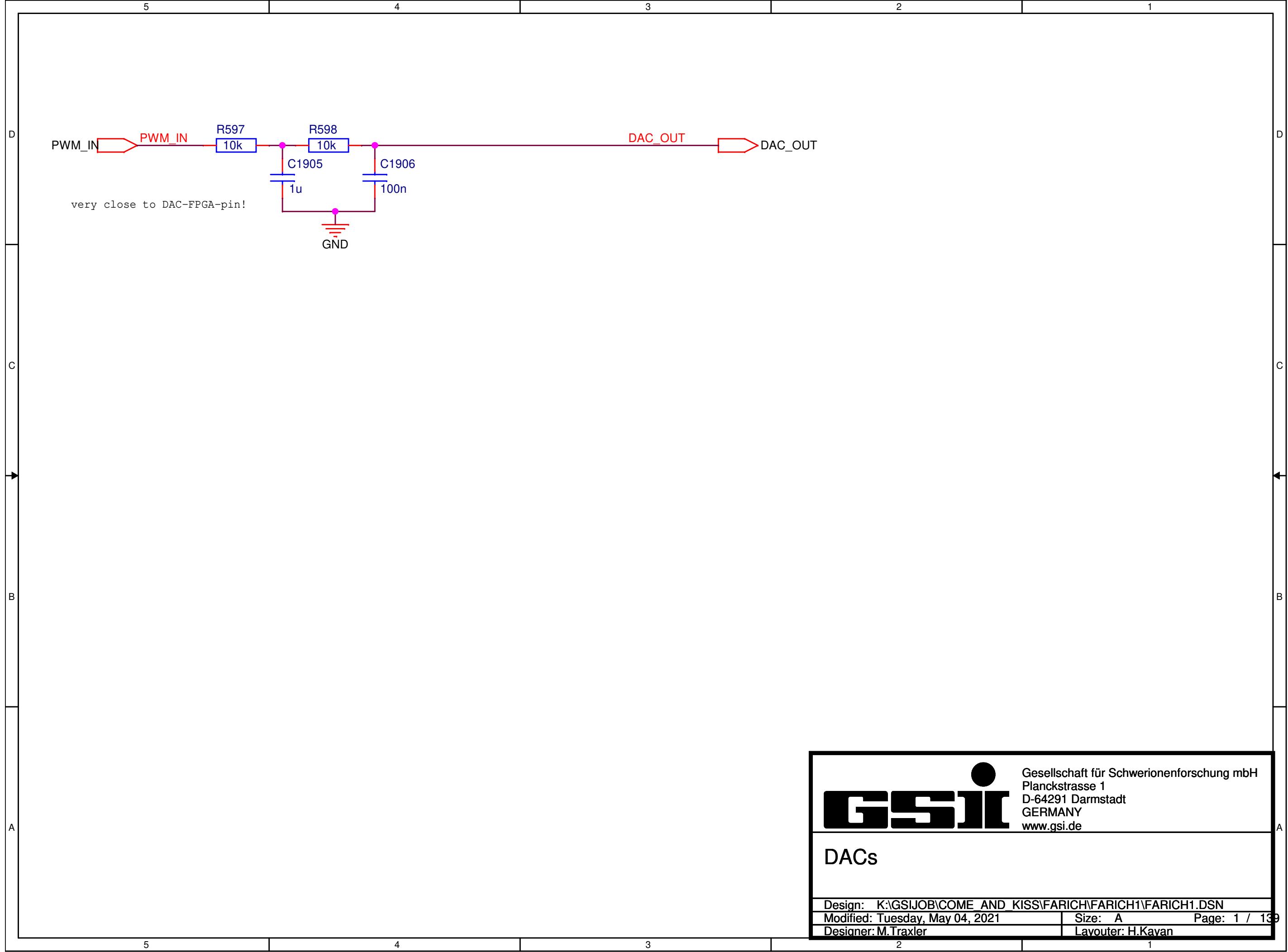
C

B

A

#FARICH System, 3 boards

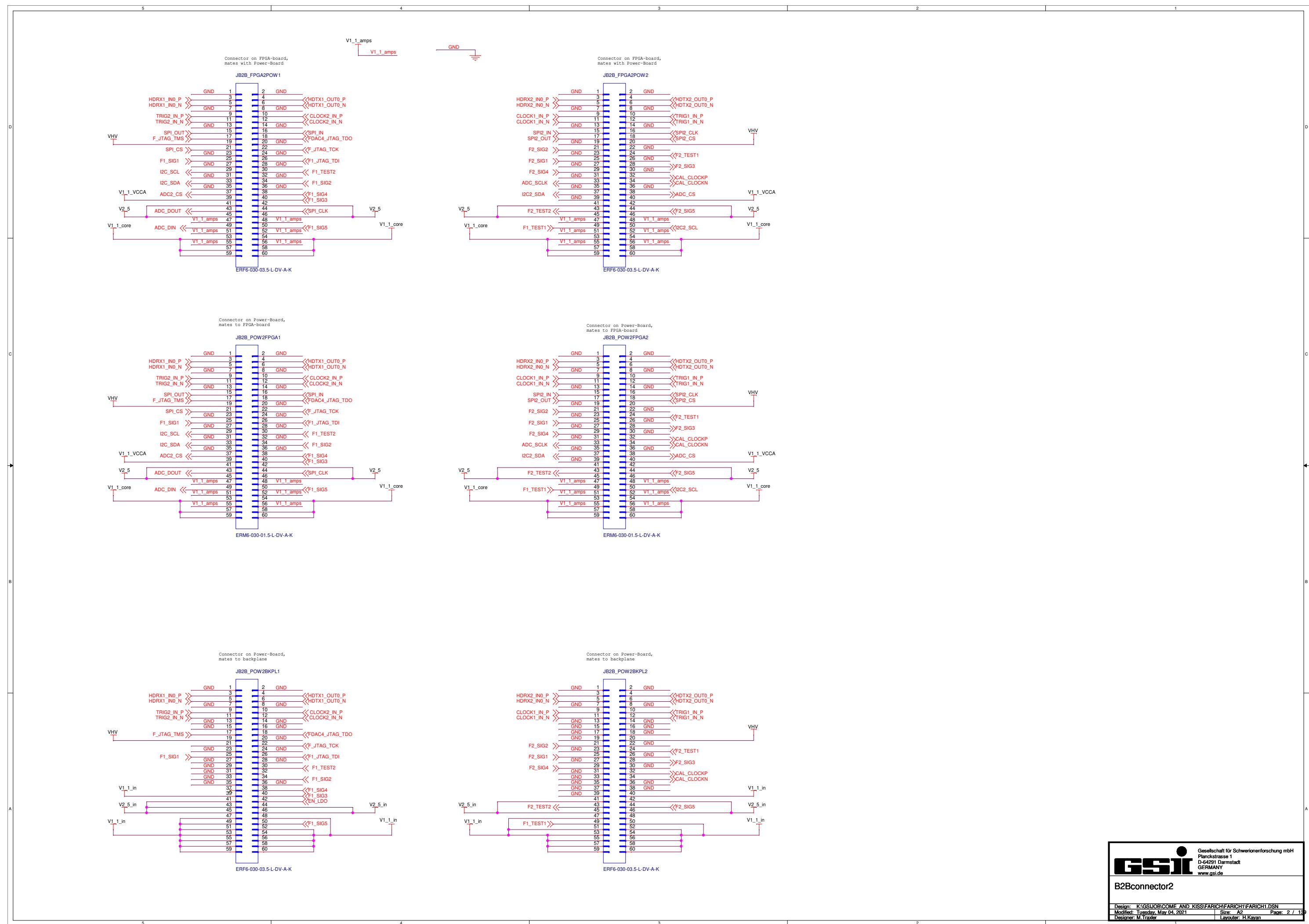


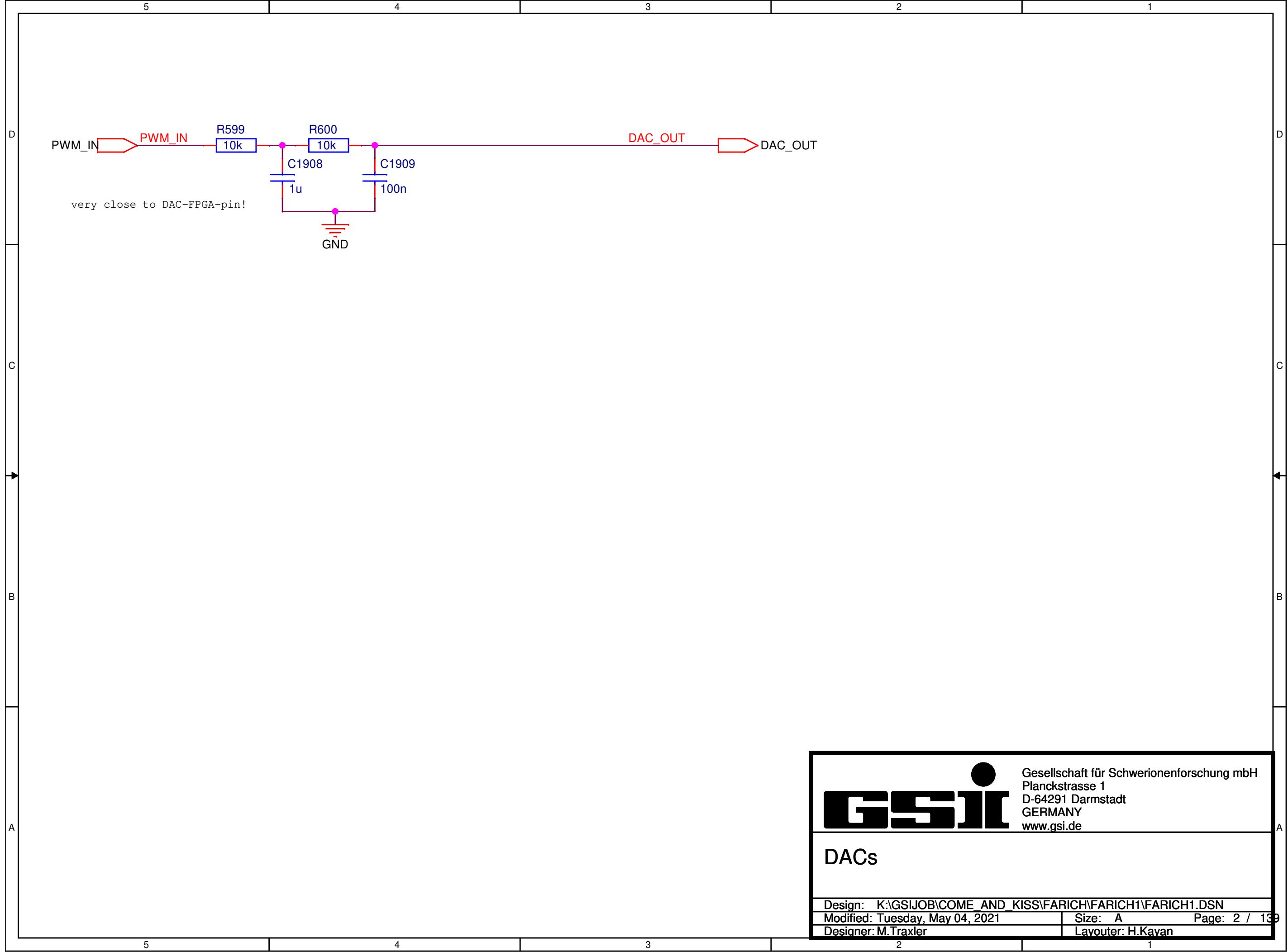


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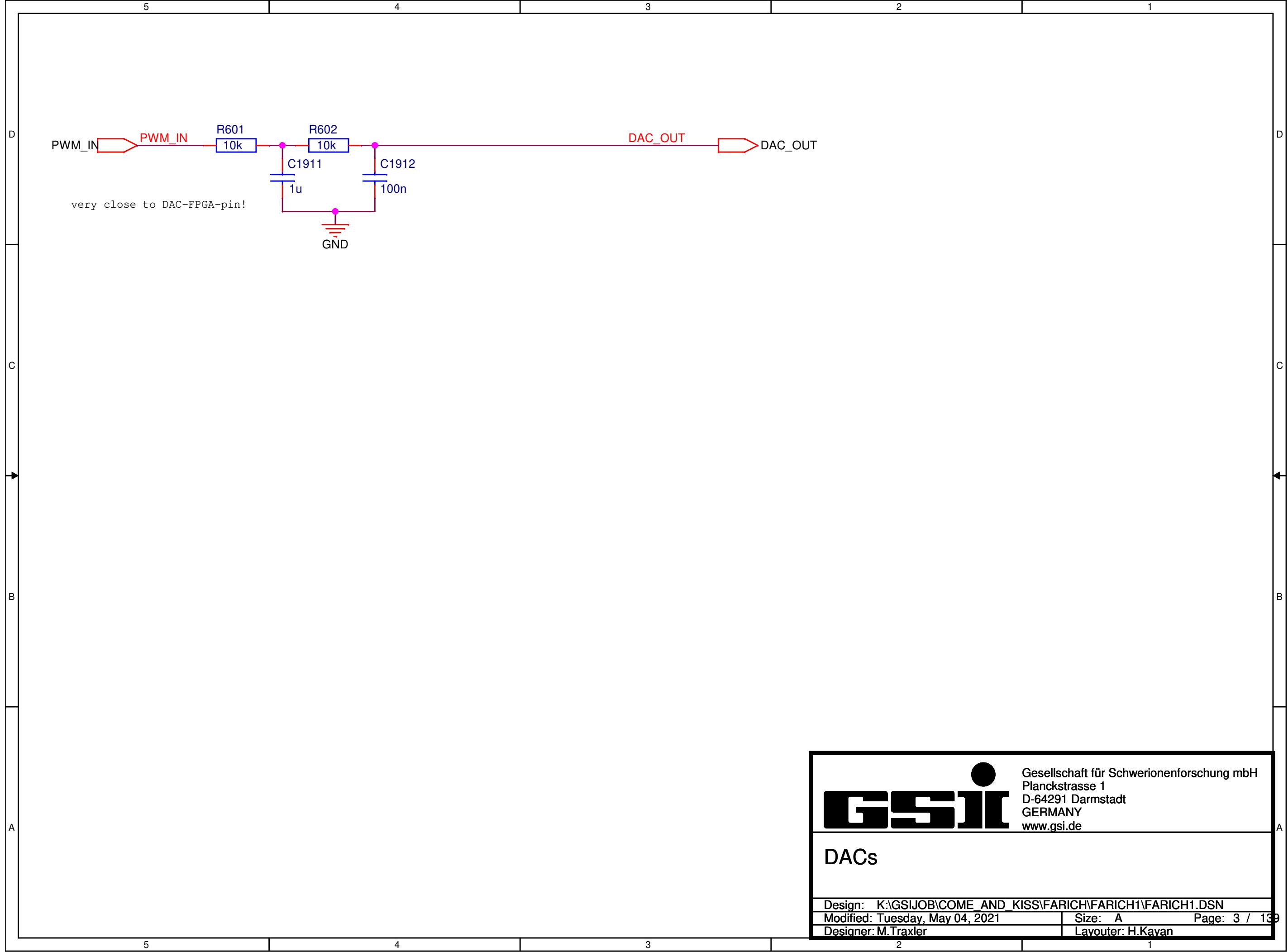
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Designer: M.Traxler	Lavouter: H.Kayan		





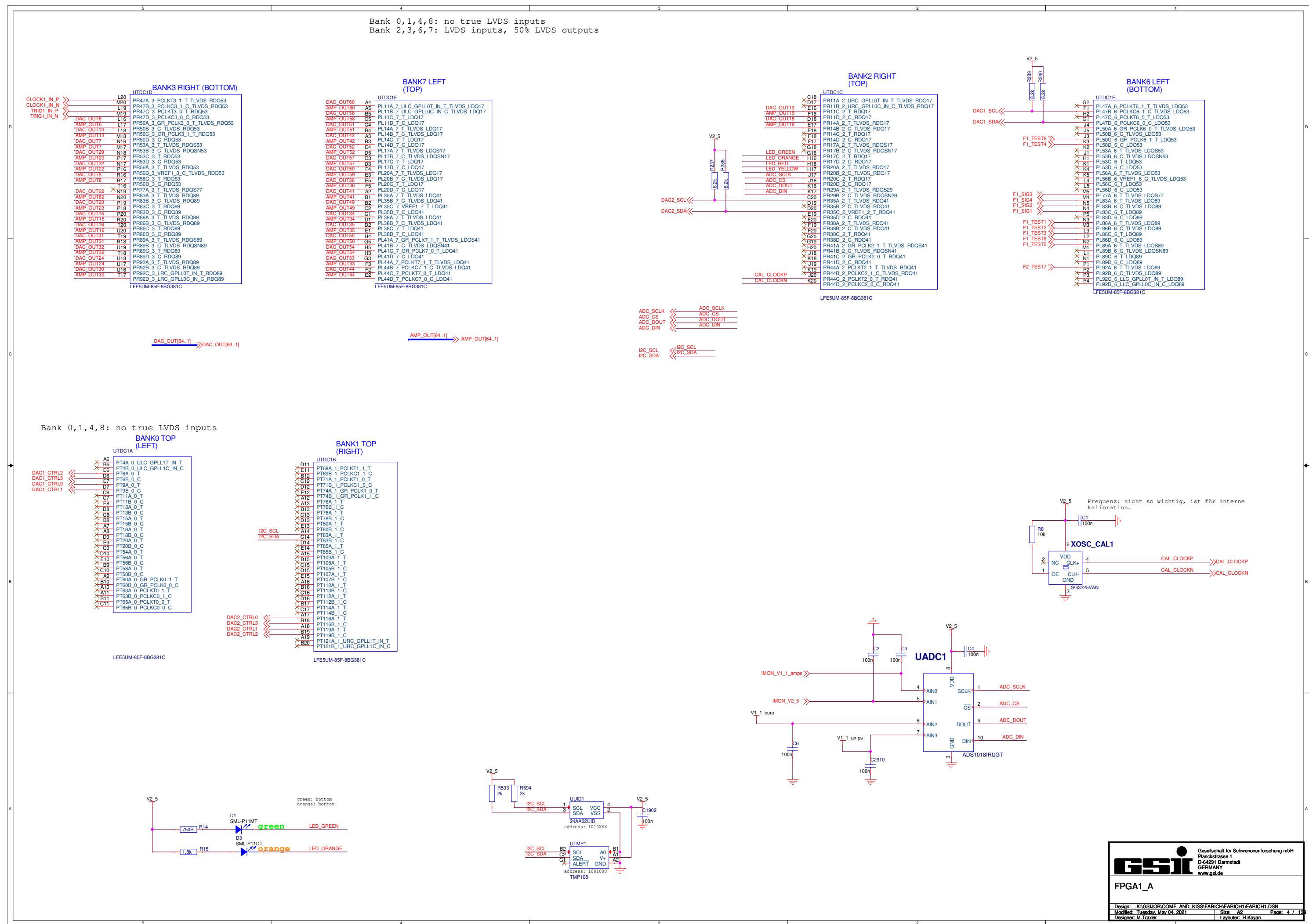


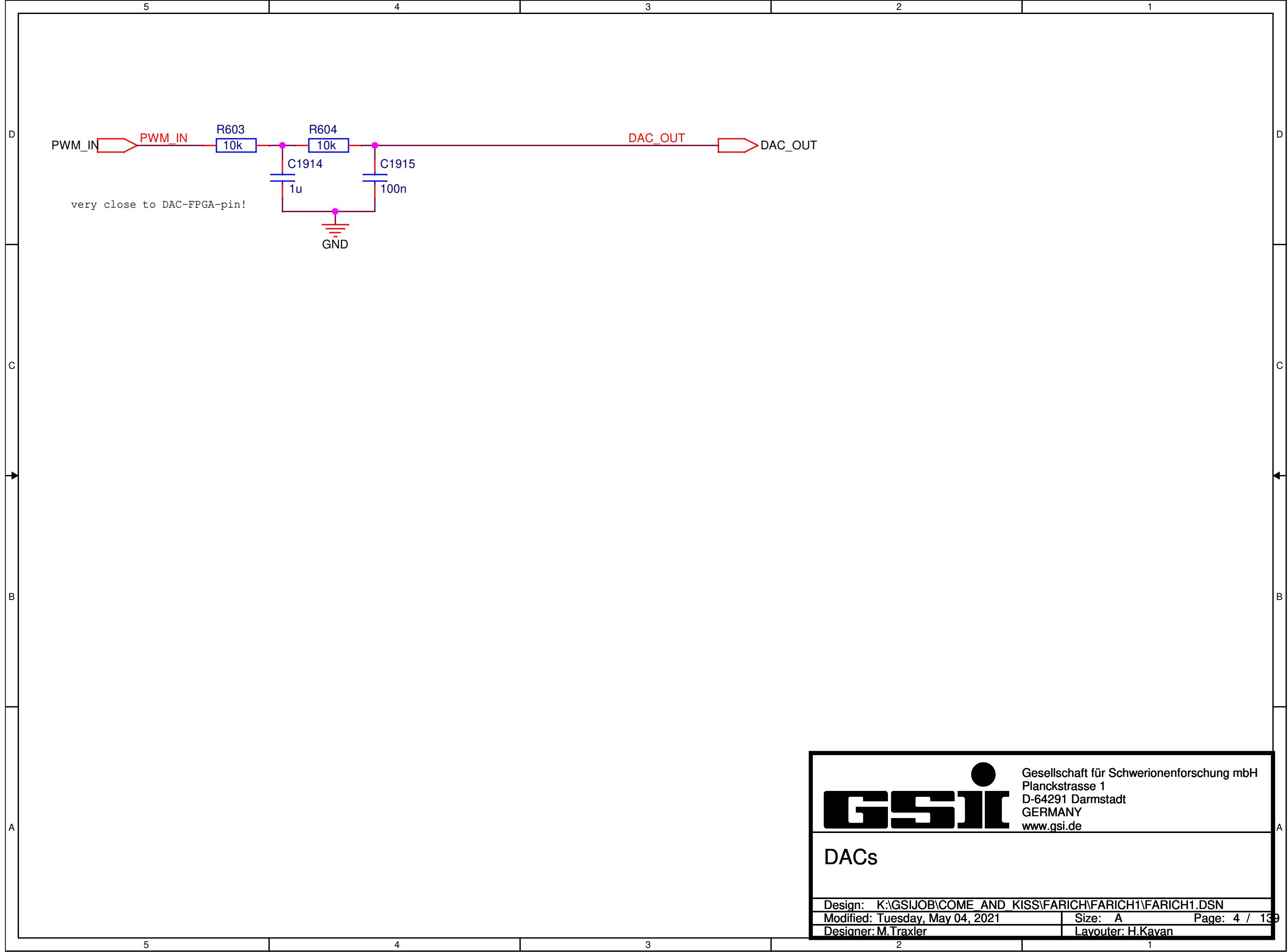


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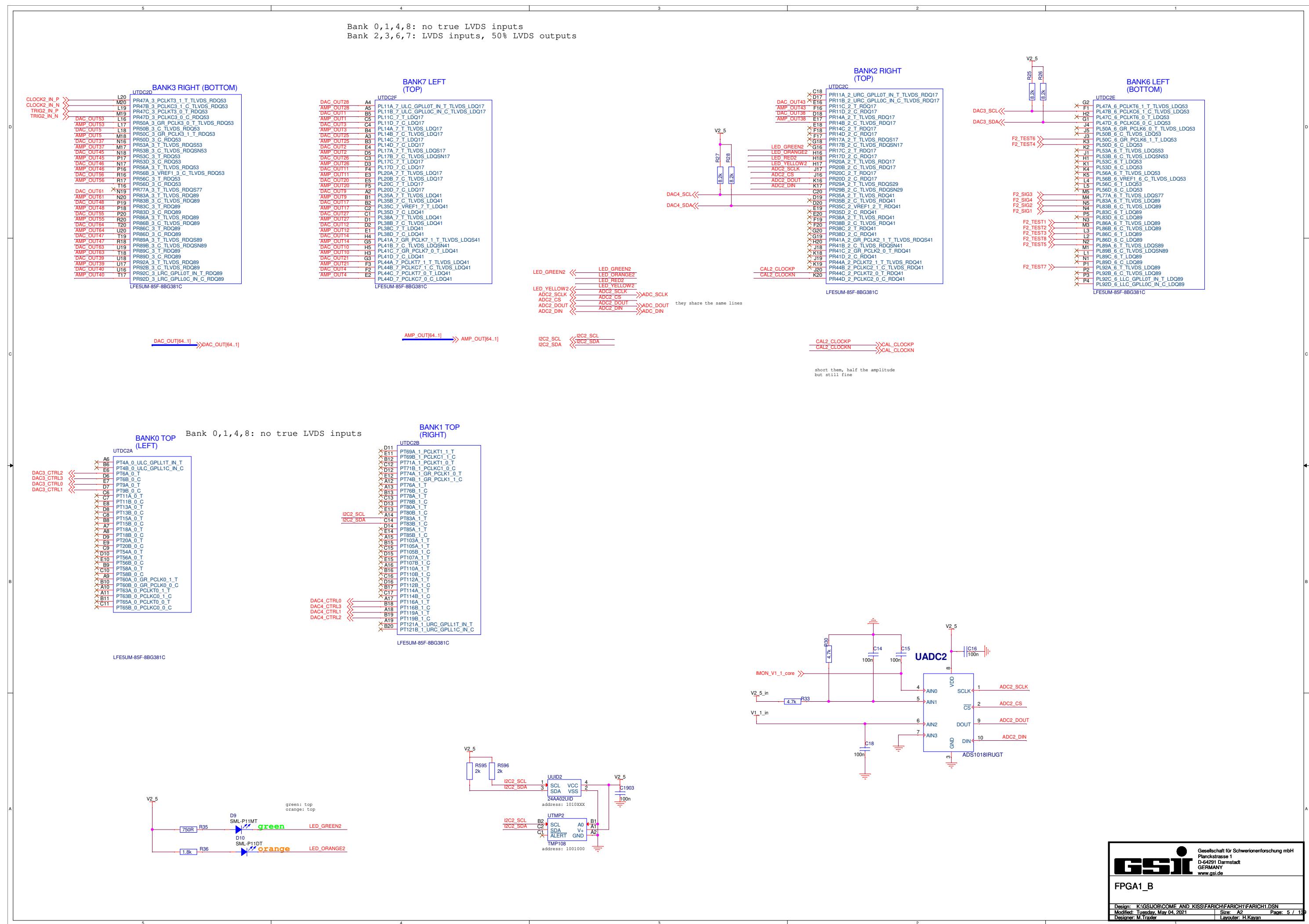
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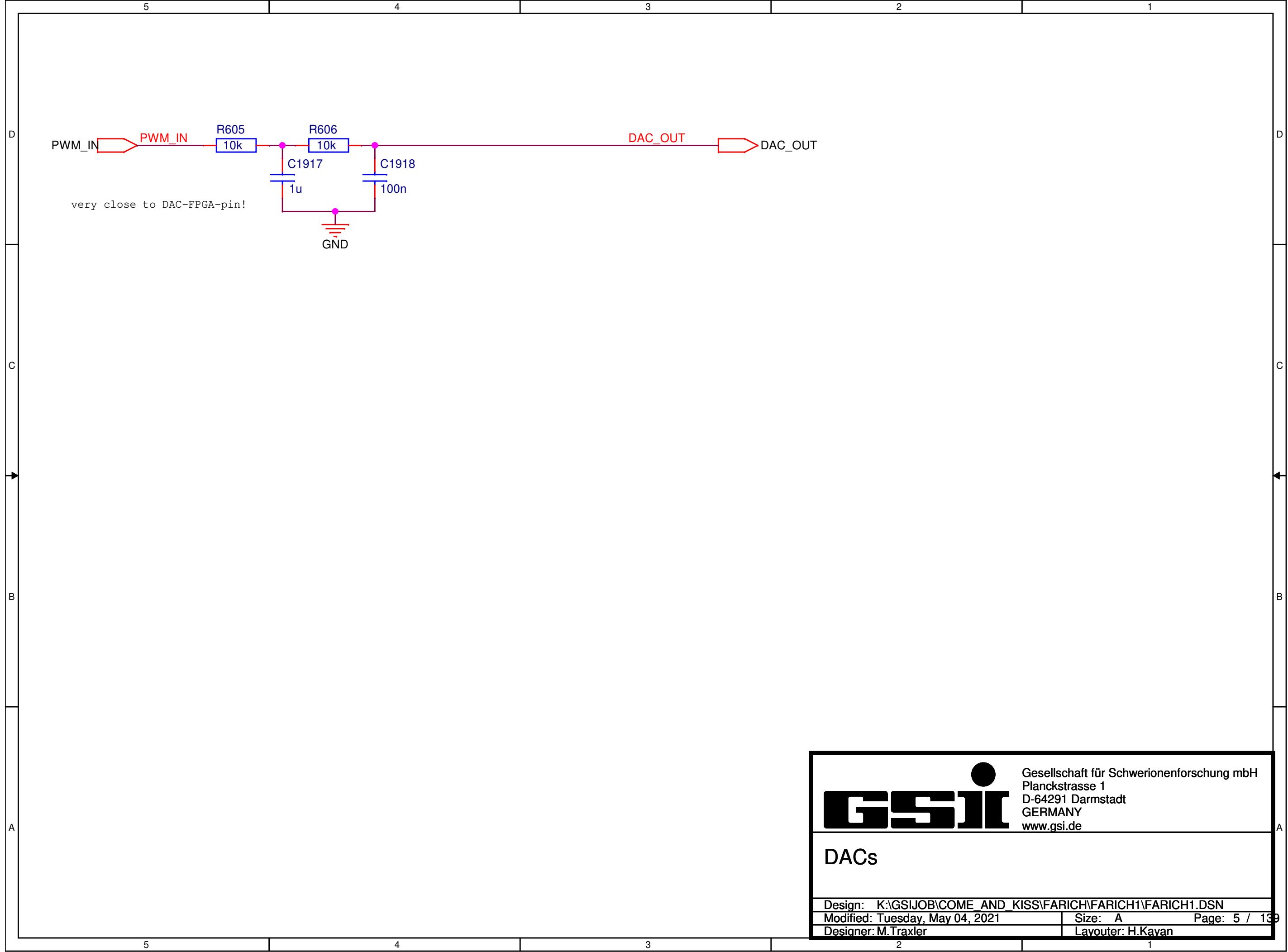
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Designer: M.Traxler	Lavouter: H.Kayan		

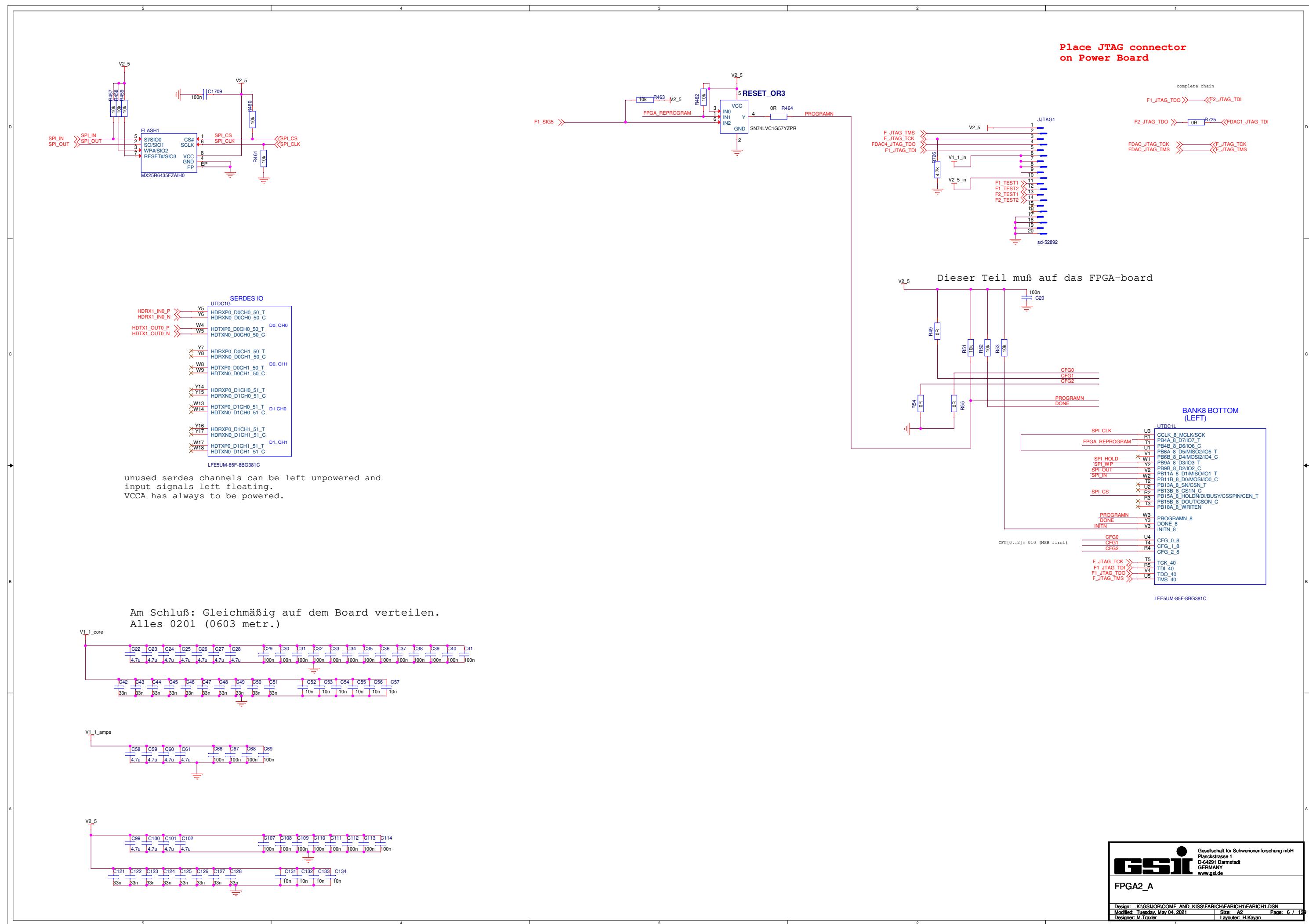


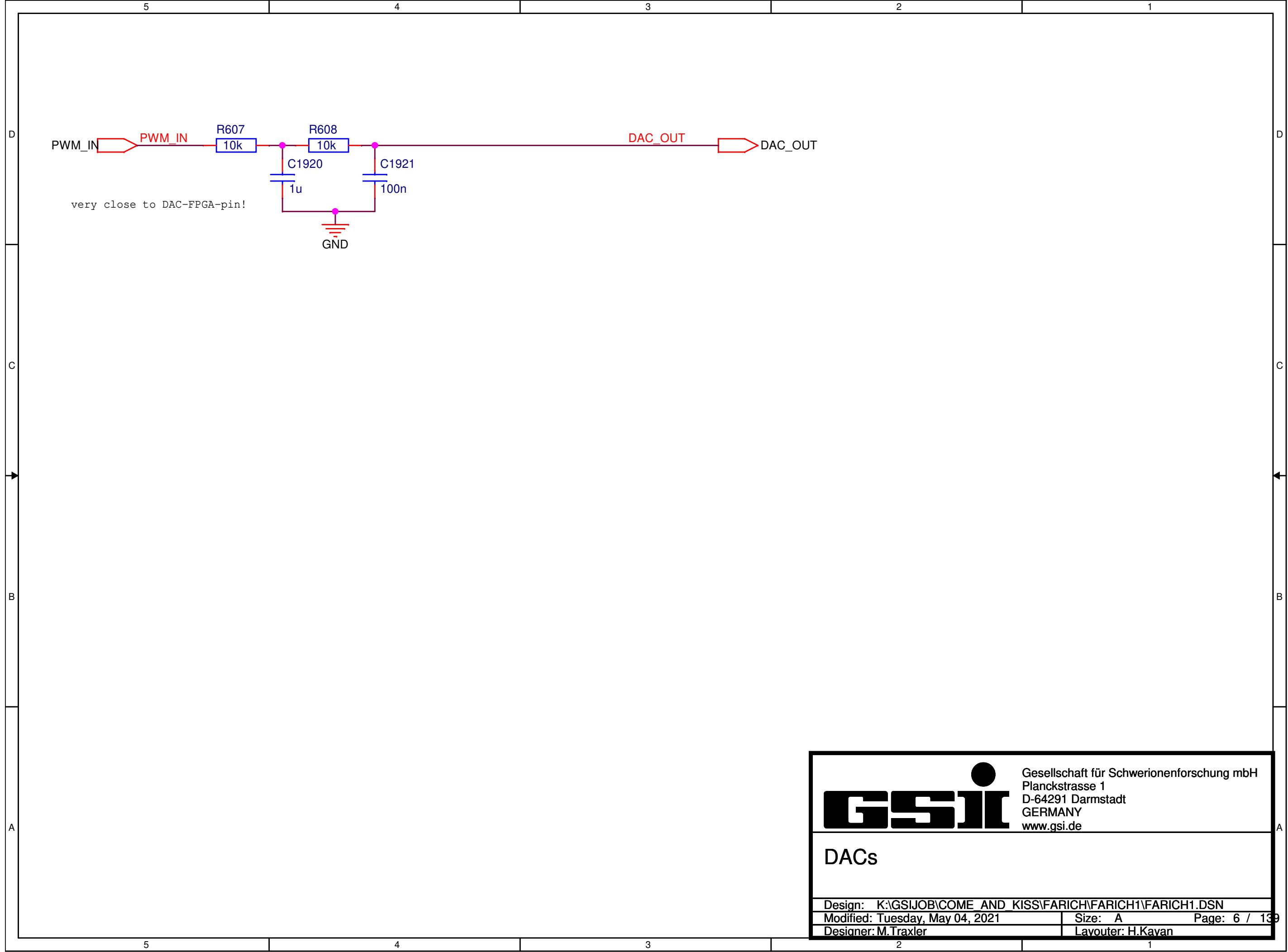


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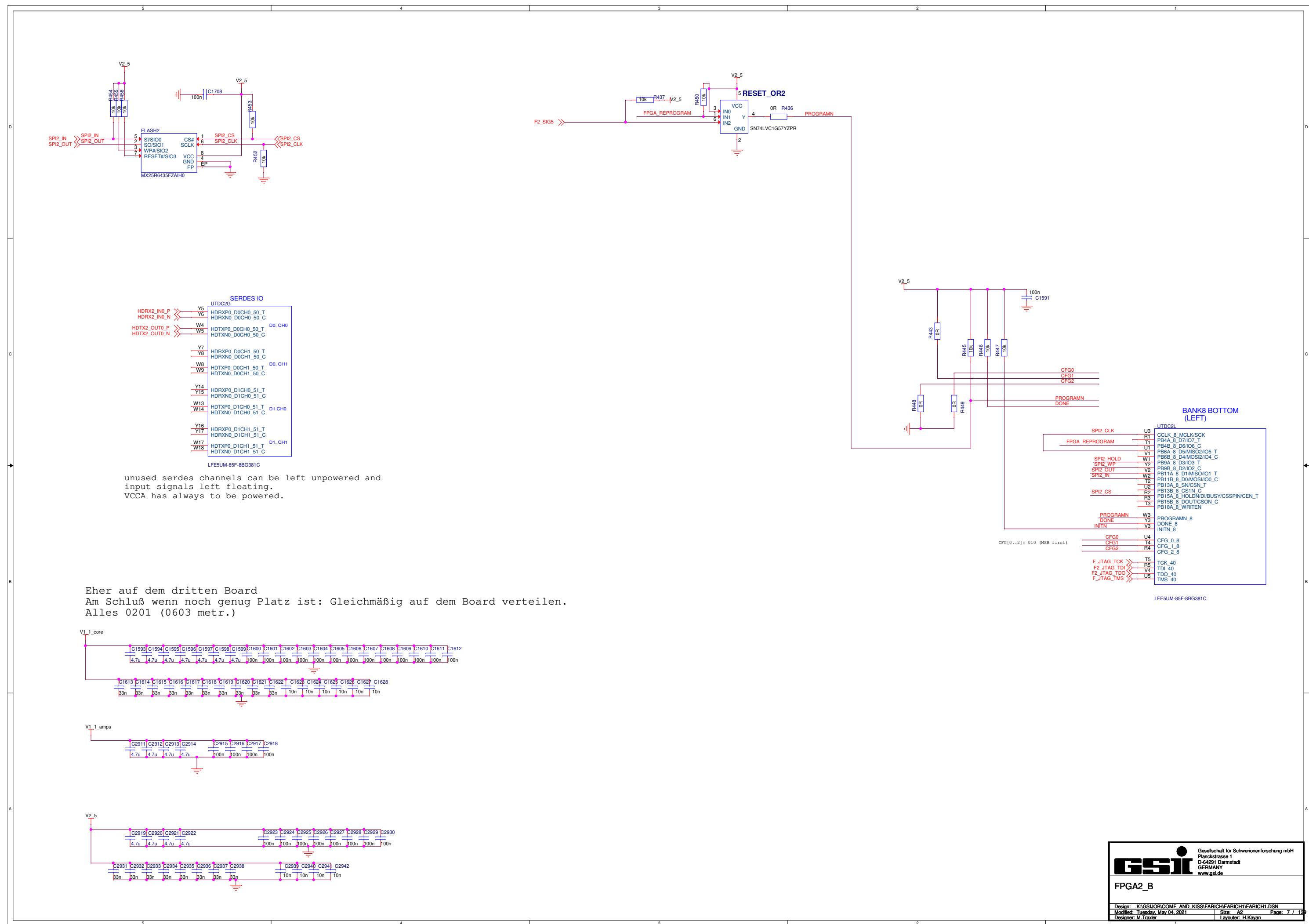


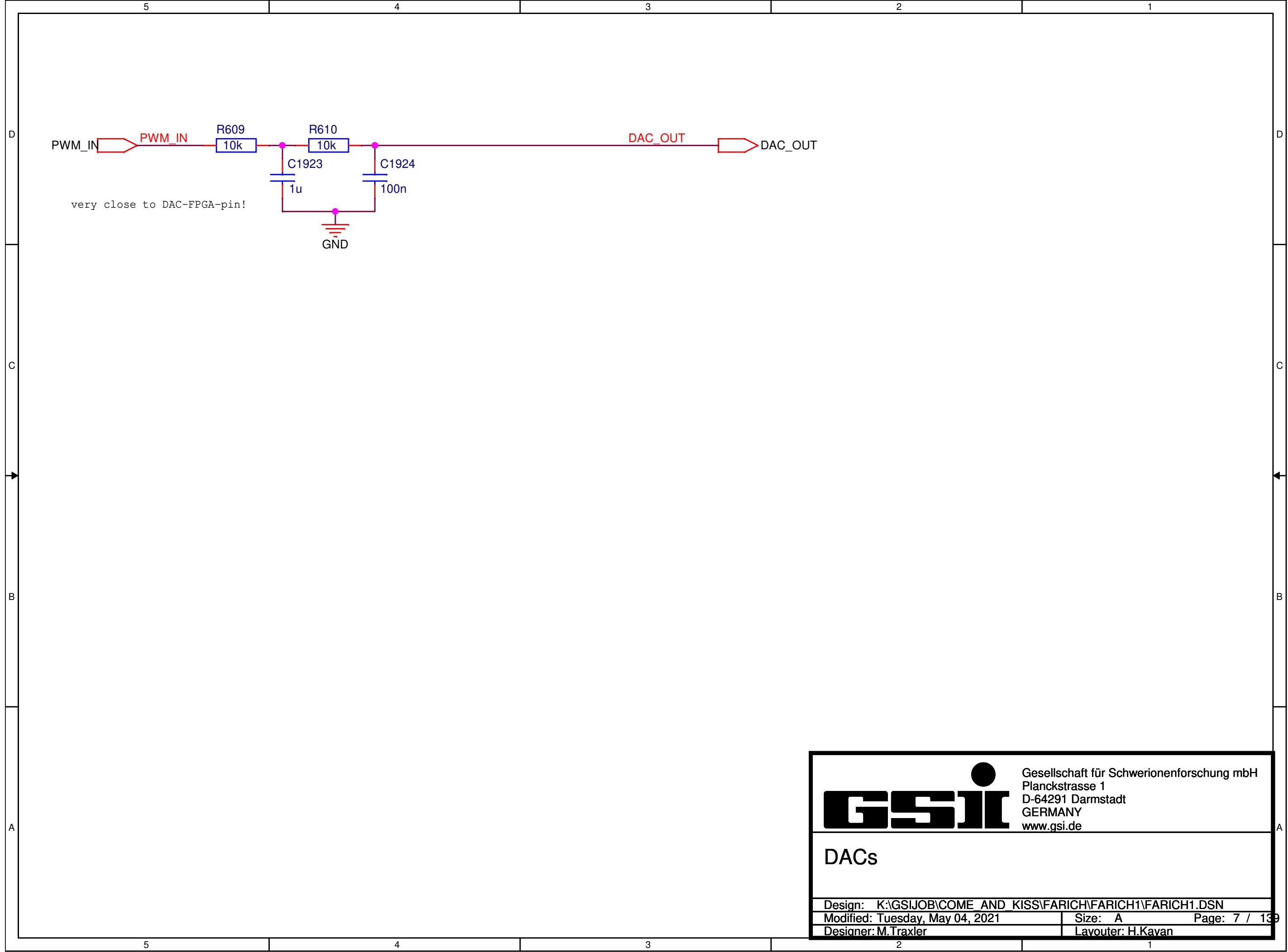


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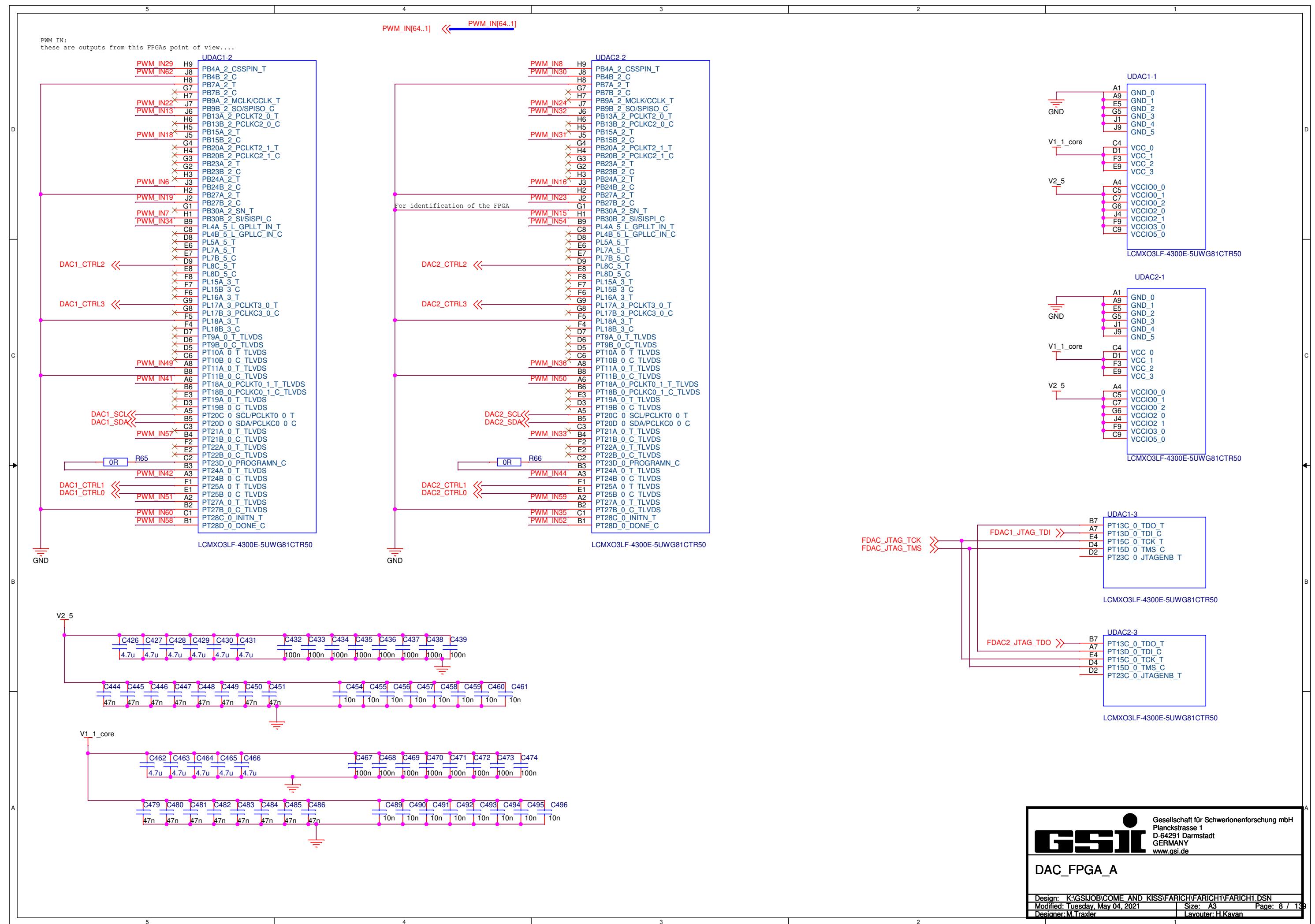


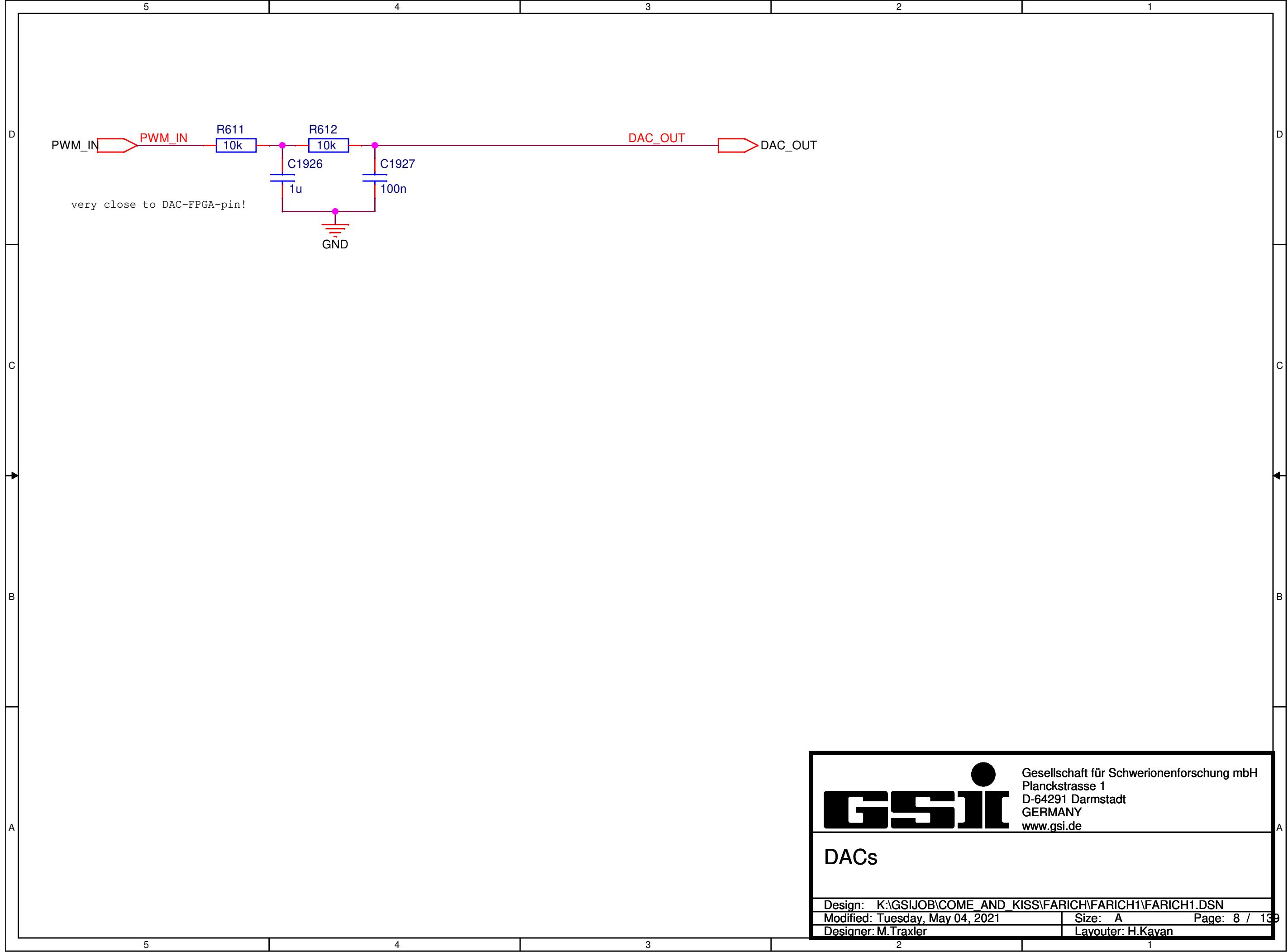


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Designer: M.Traxler	Lavouter: H.Kayan		

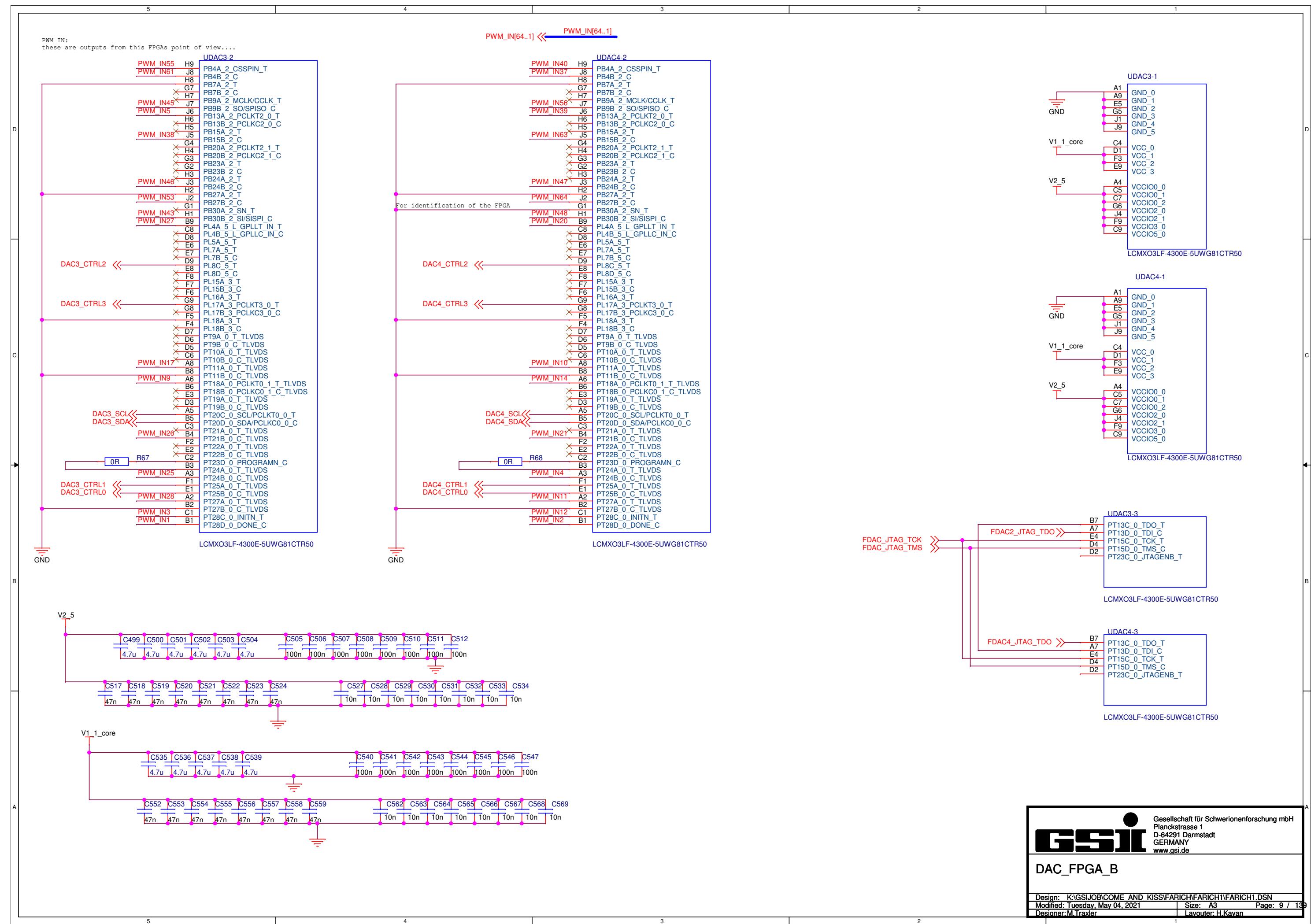


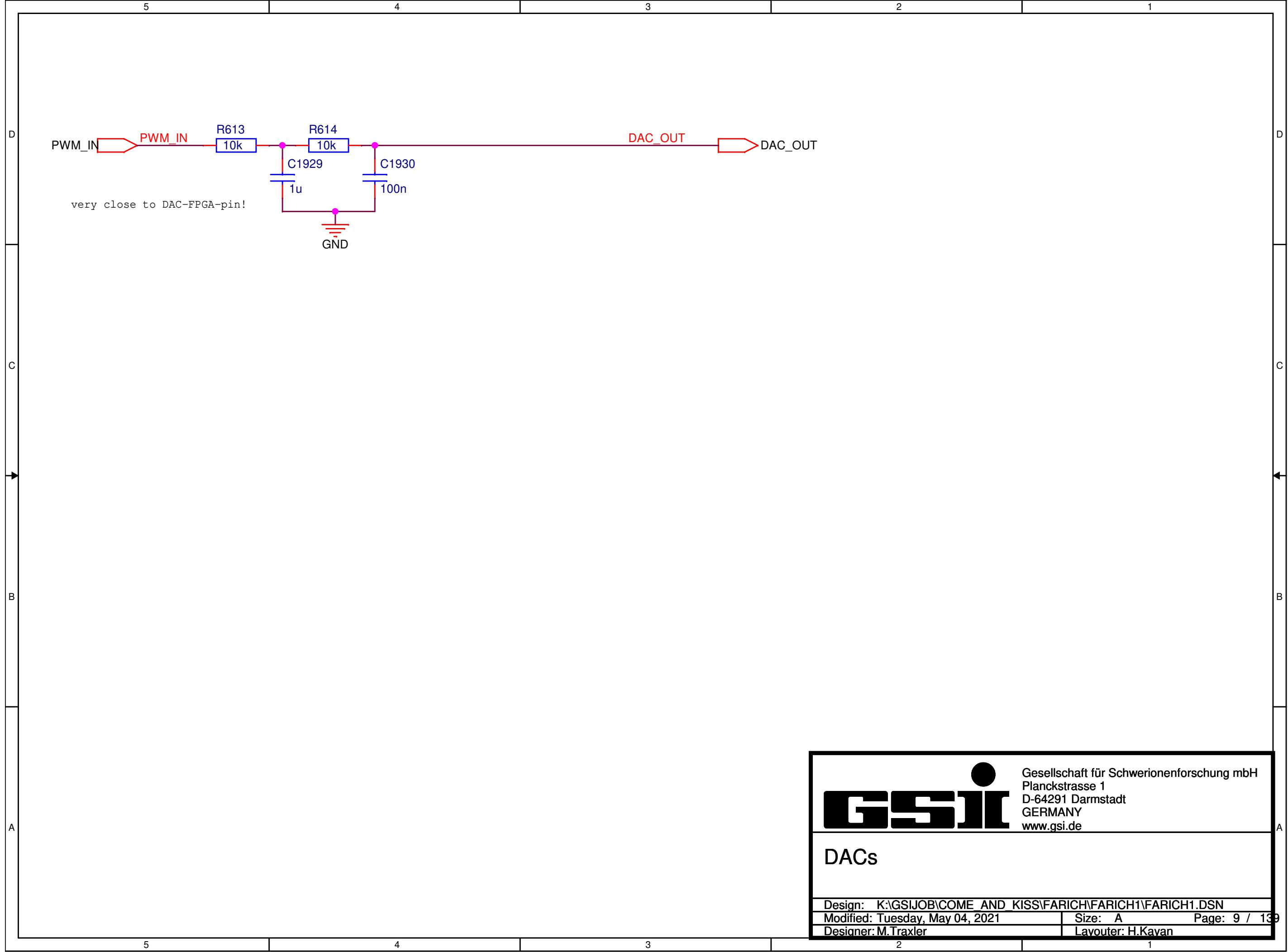


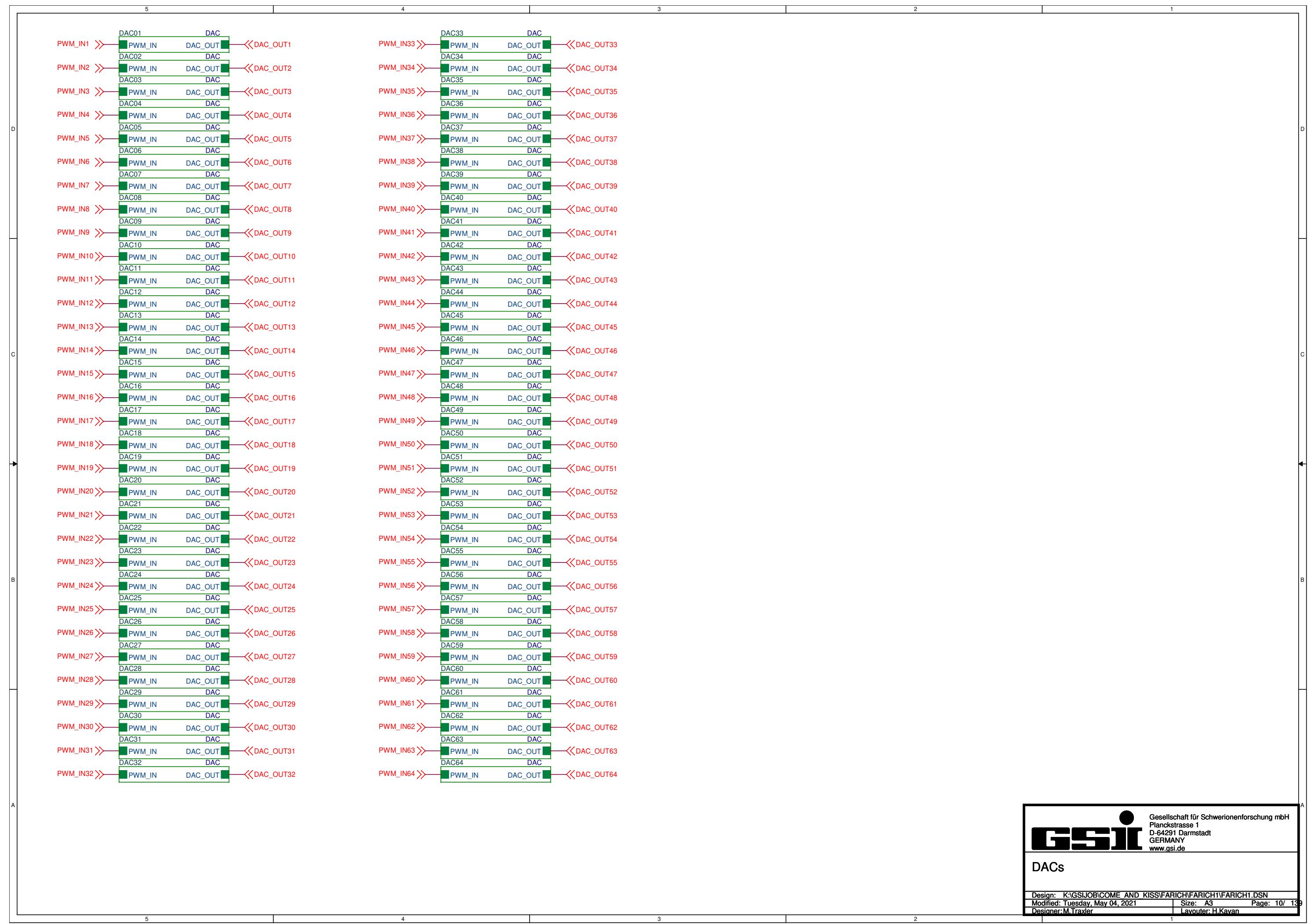
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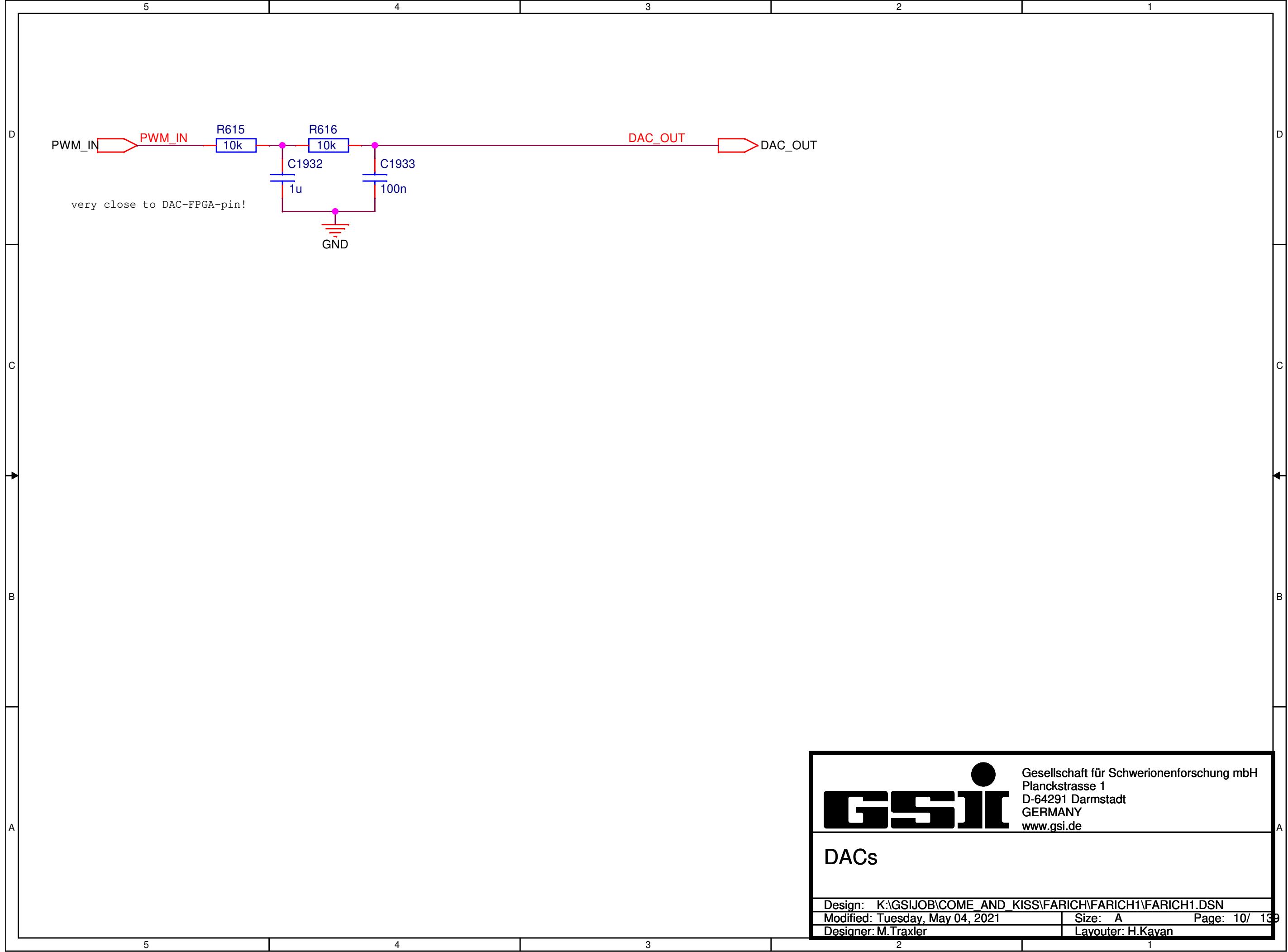
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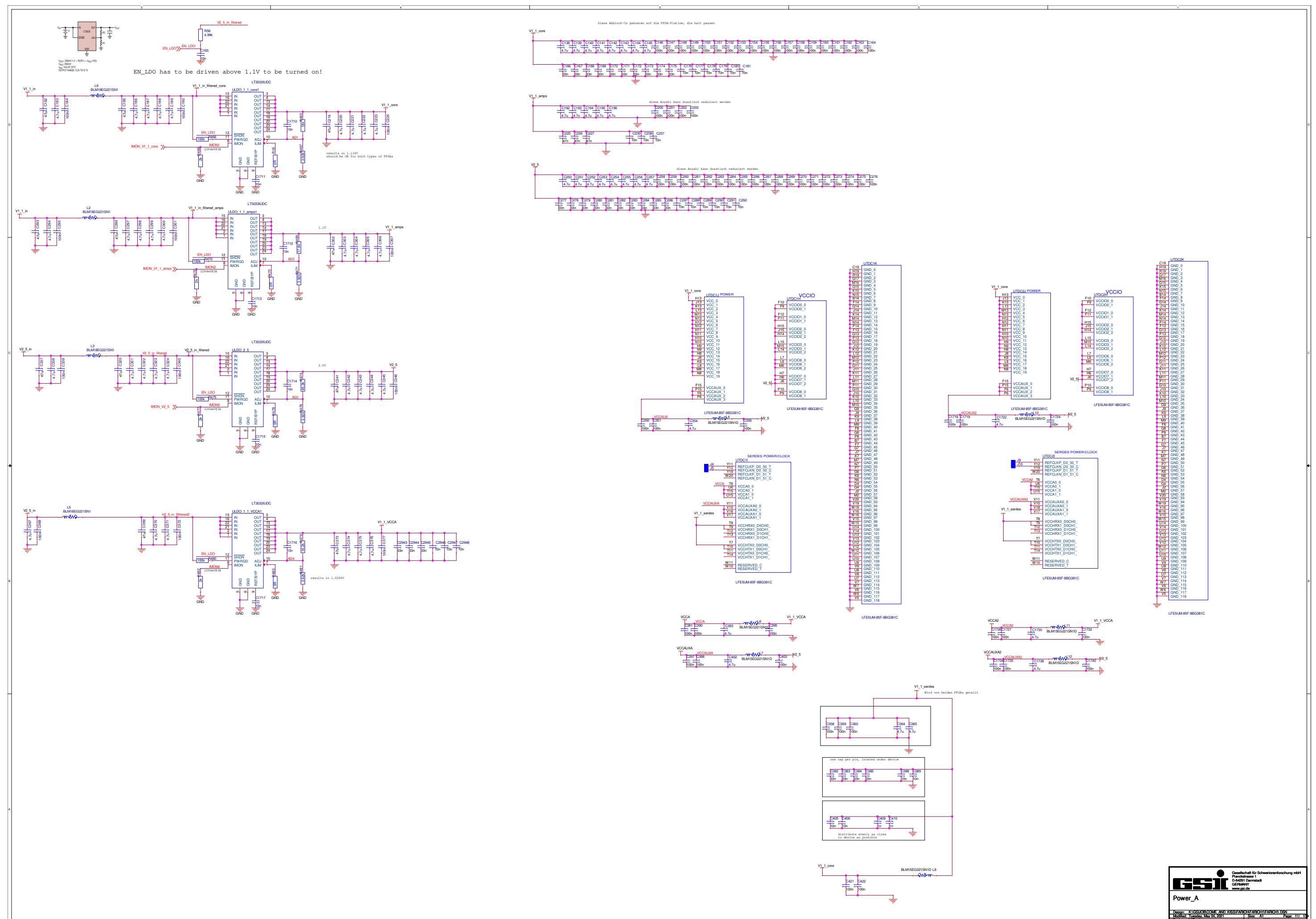


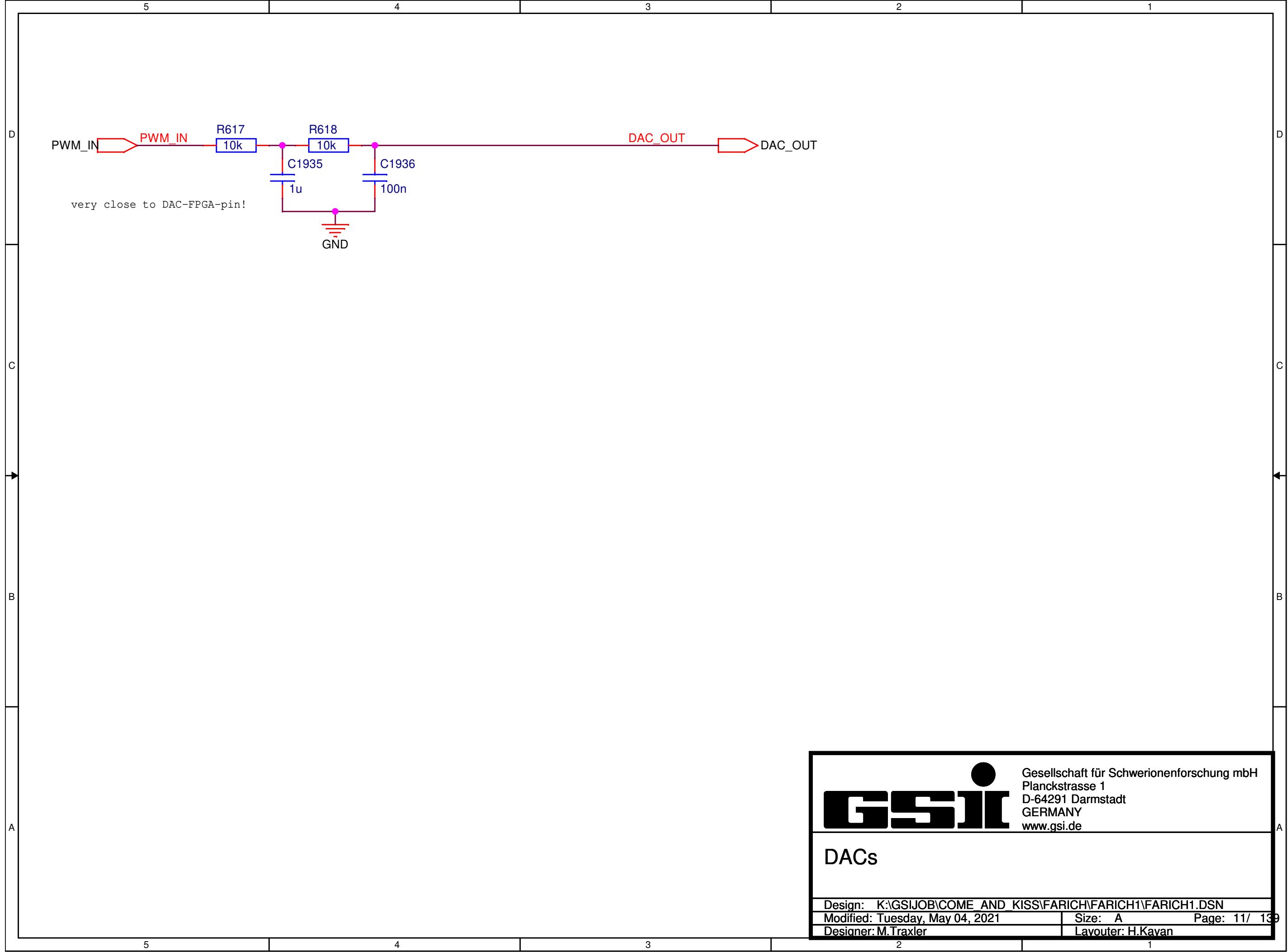




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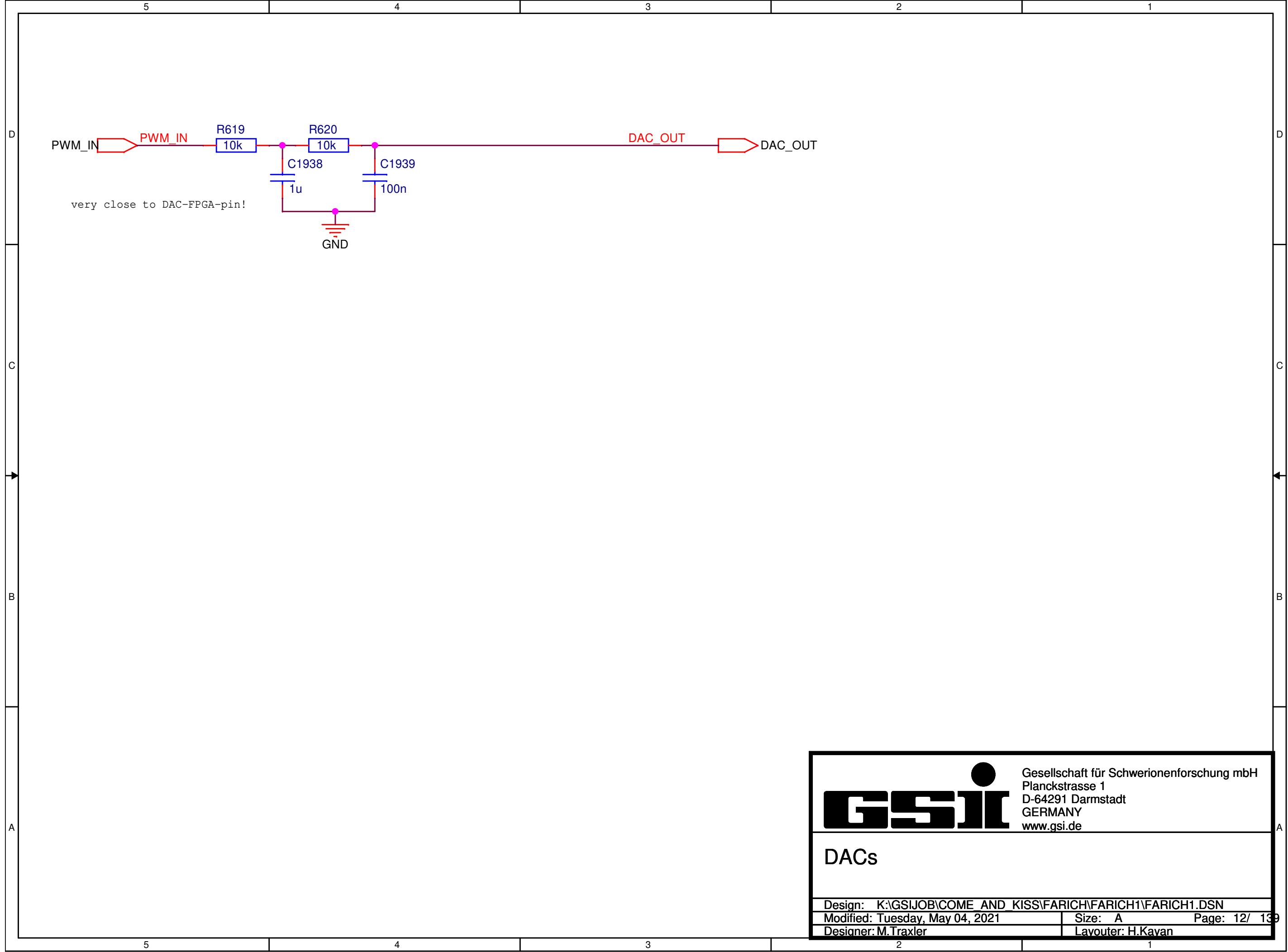




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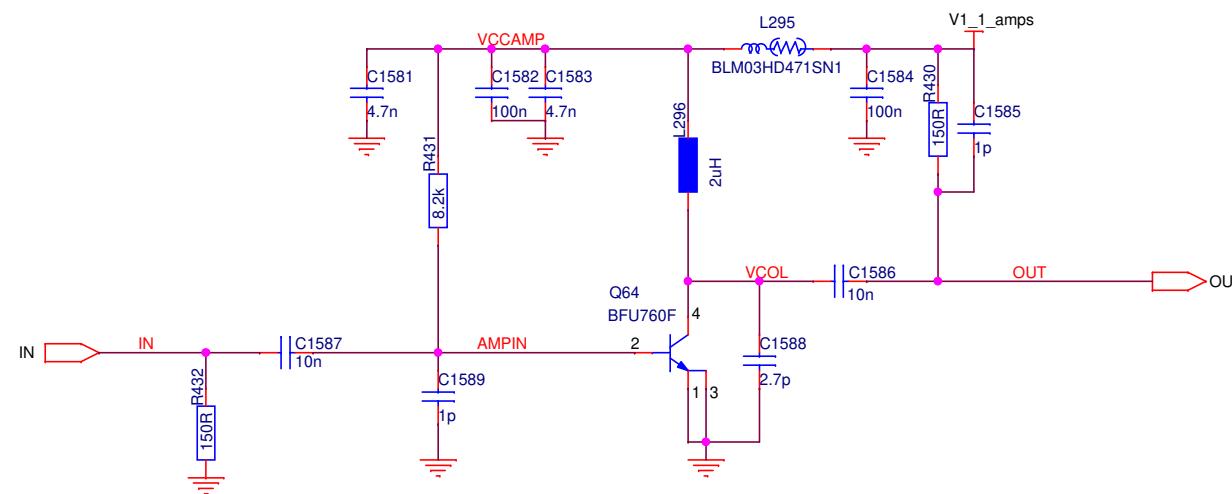
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Designer: M.Traxler	Lavouter: H.Kayan		

D

D

Either wire-wound or printed inductor. Price should decide!



C

C

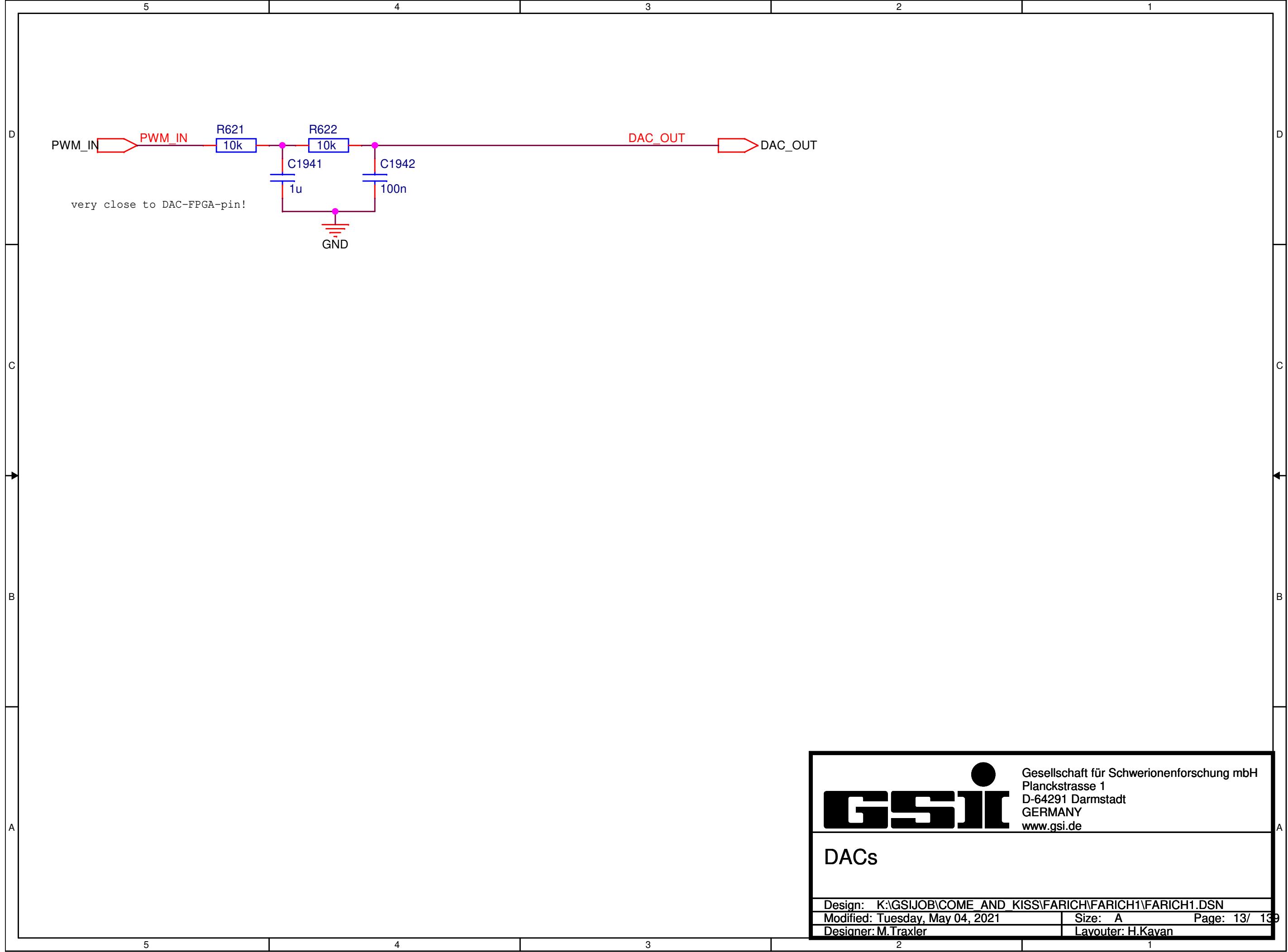
B

B

A

A



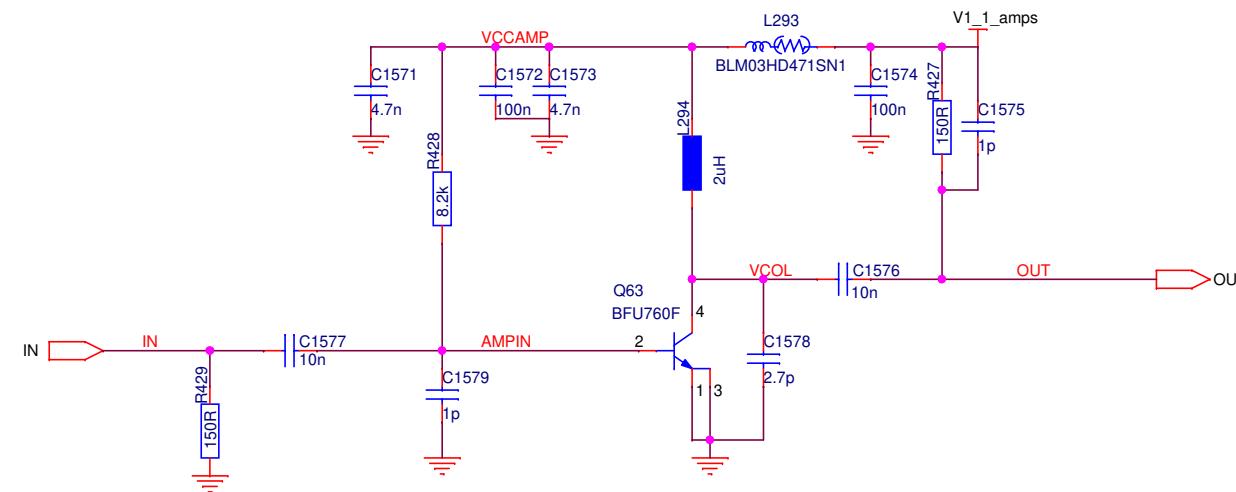


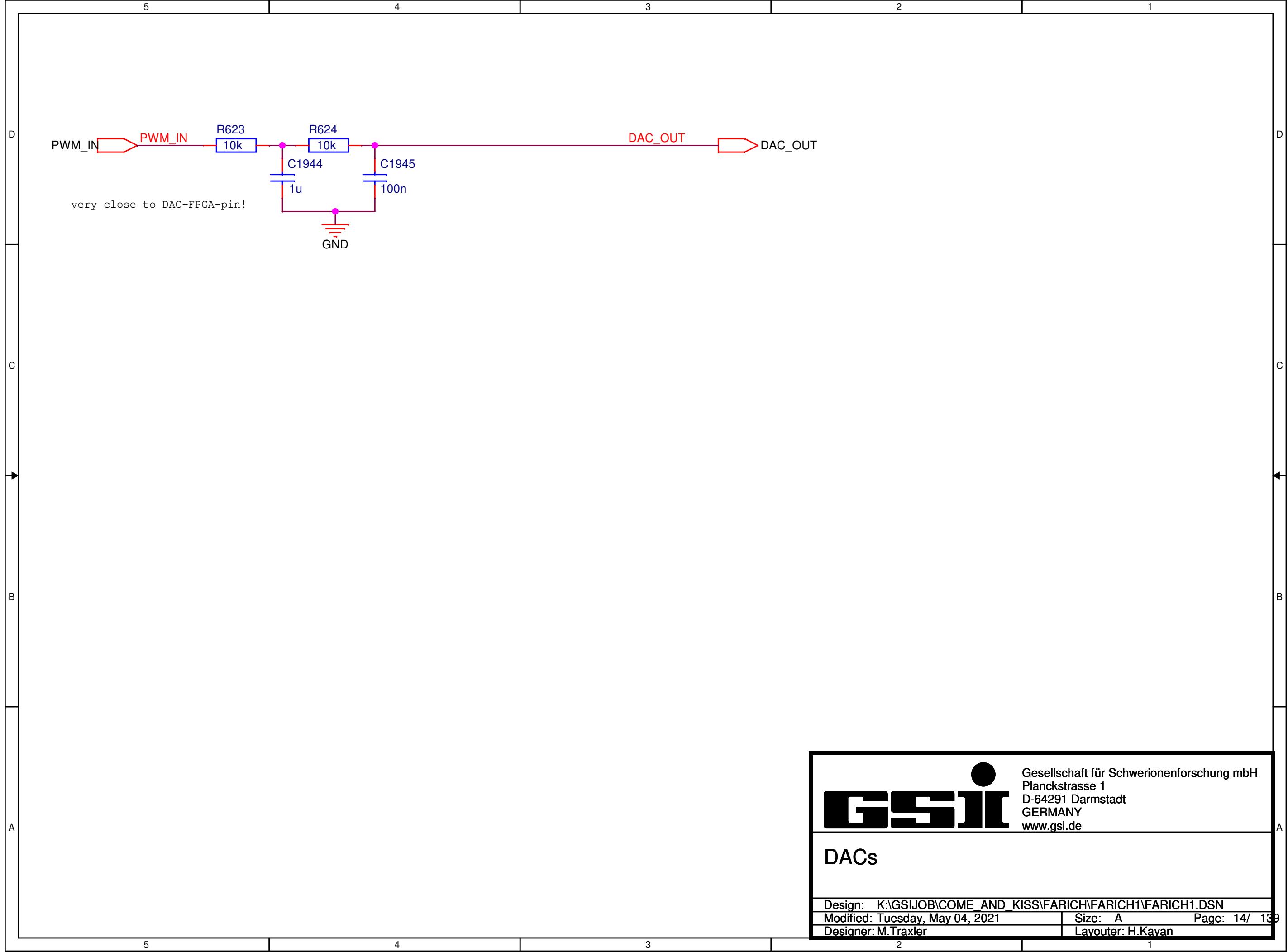
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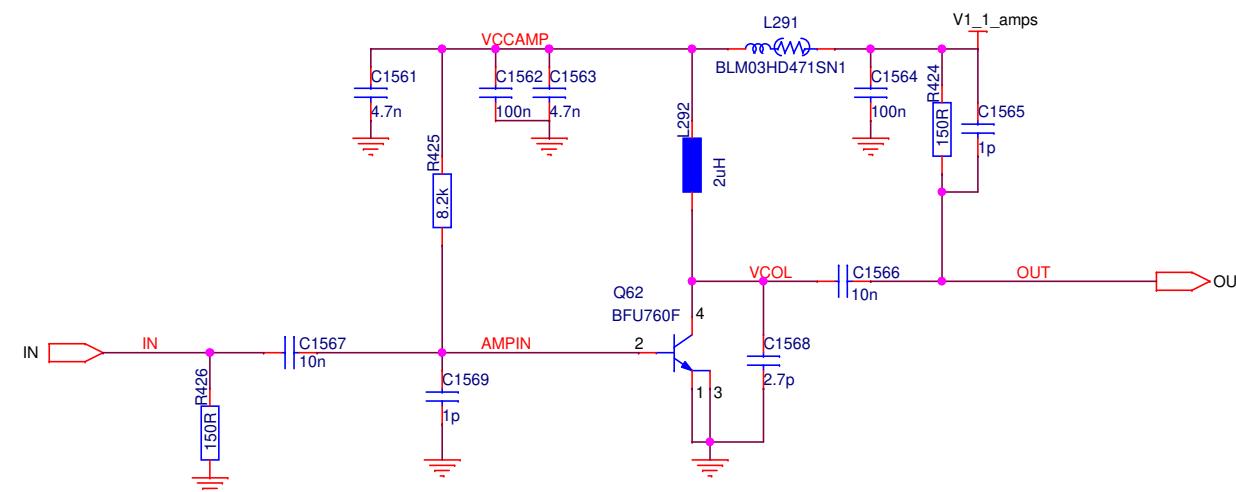
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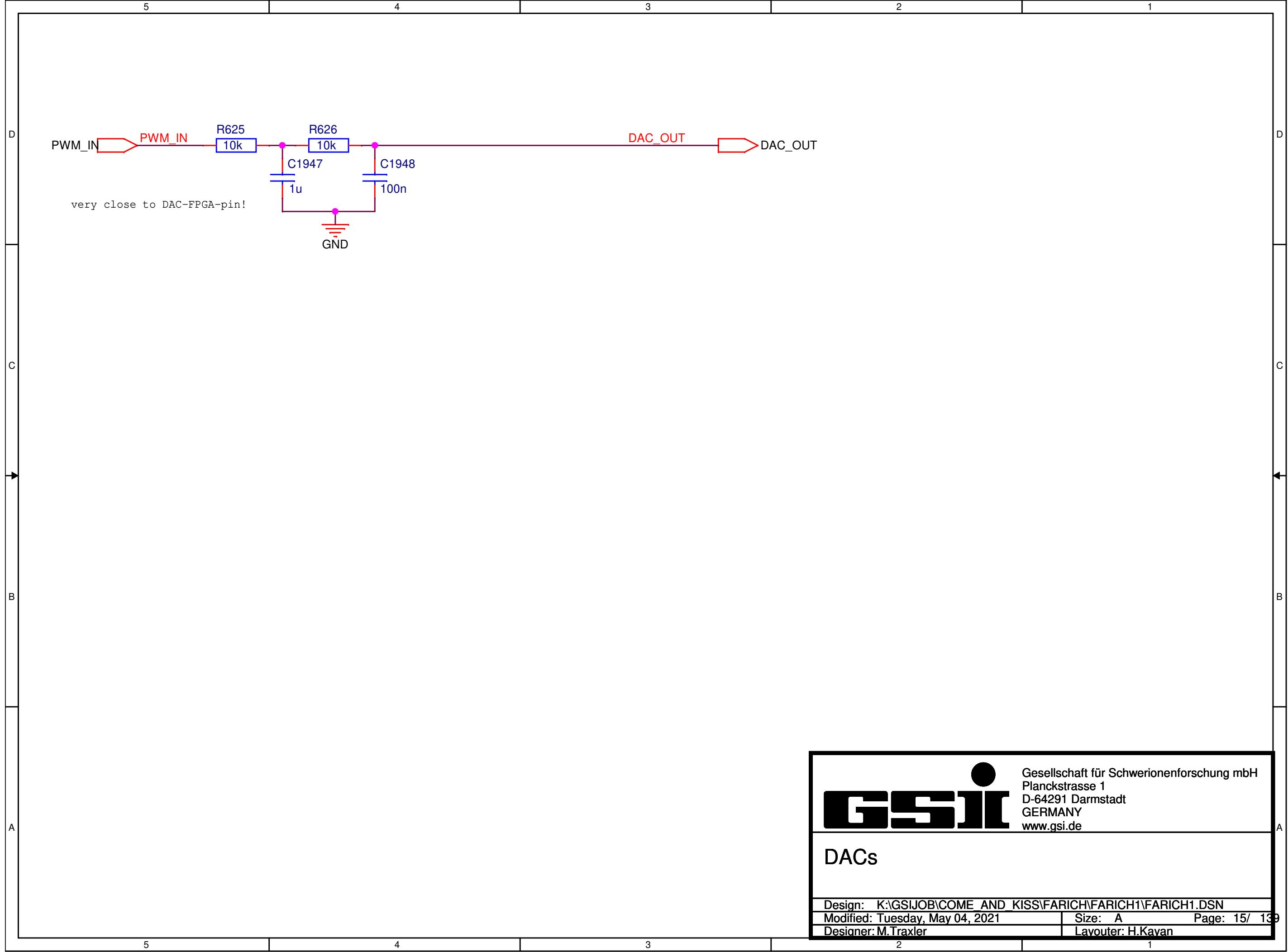
C C

B B

A A

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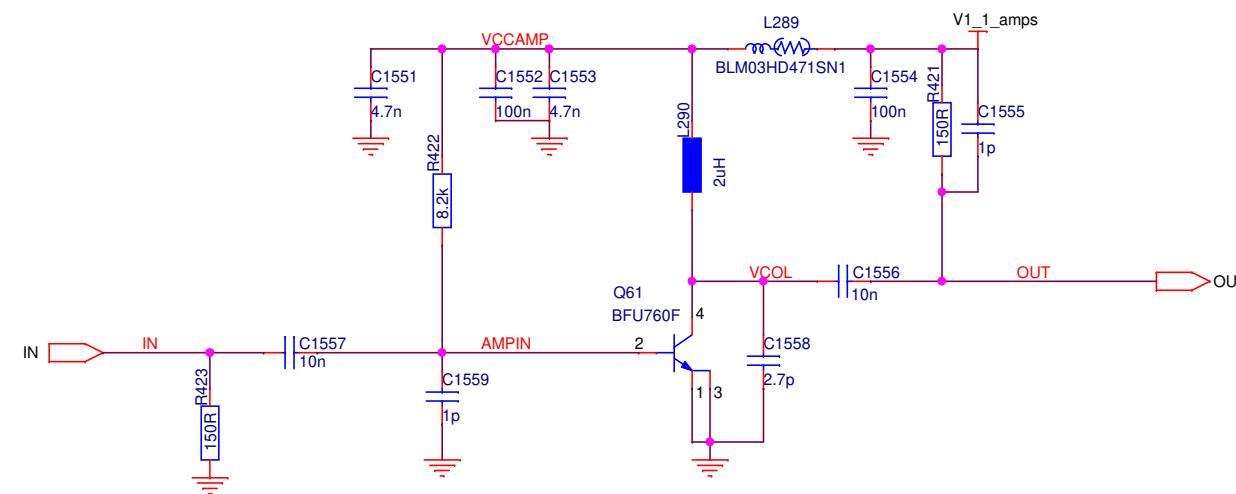
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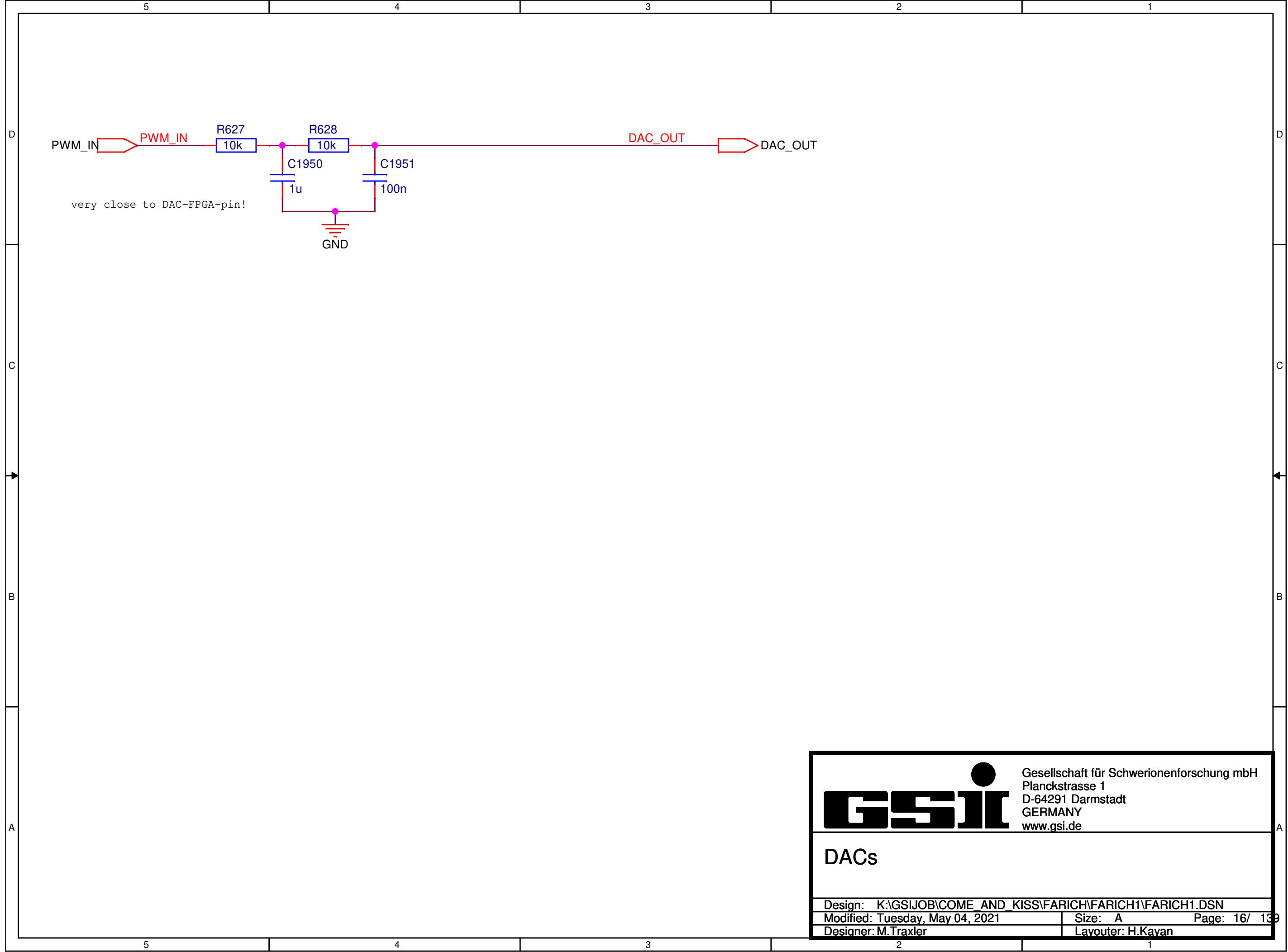
C C

B B

A A

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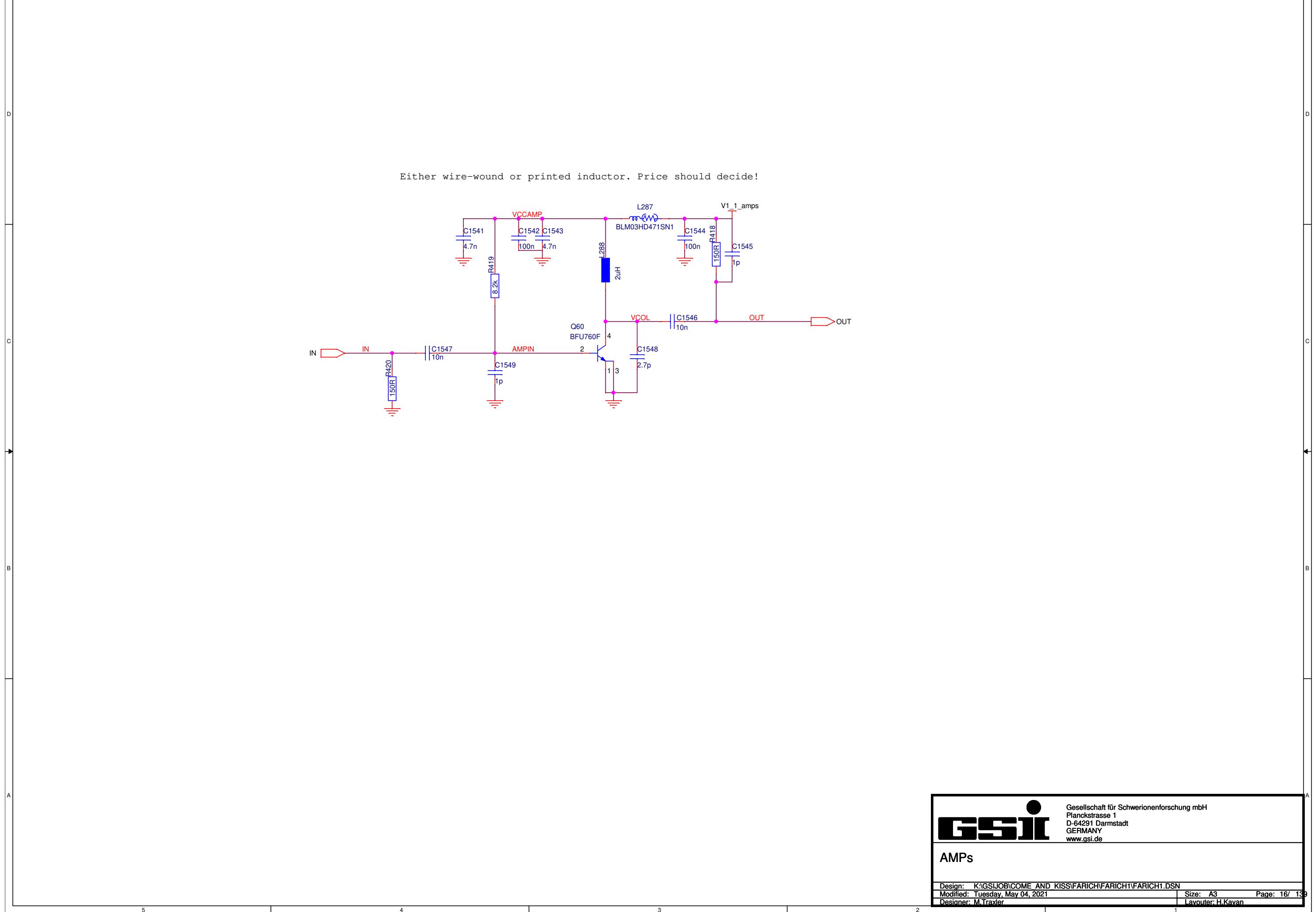


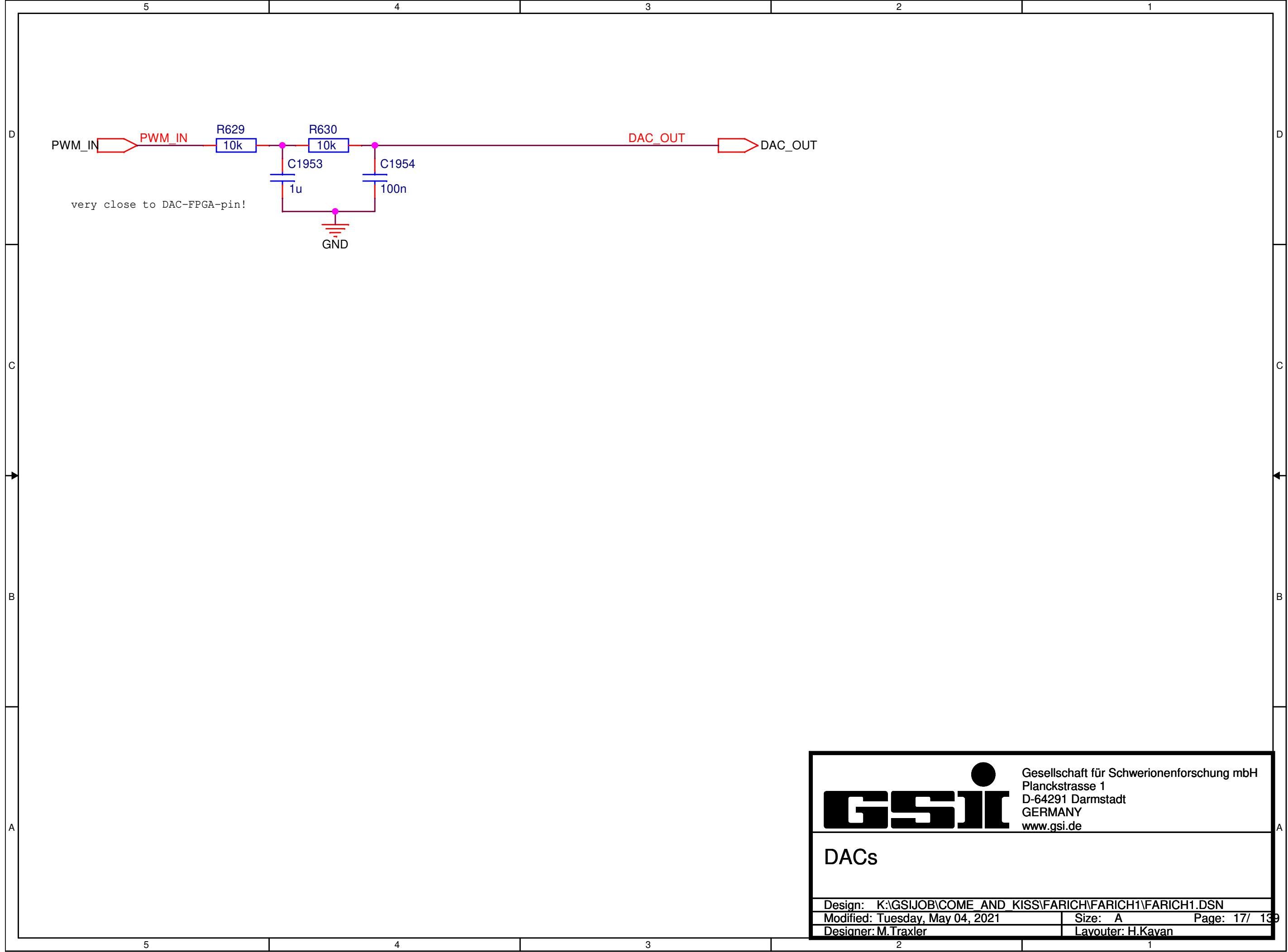


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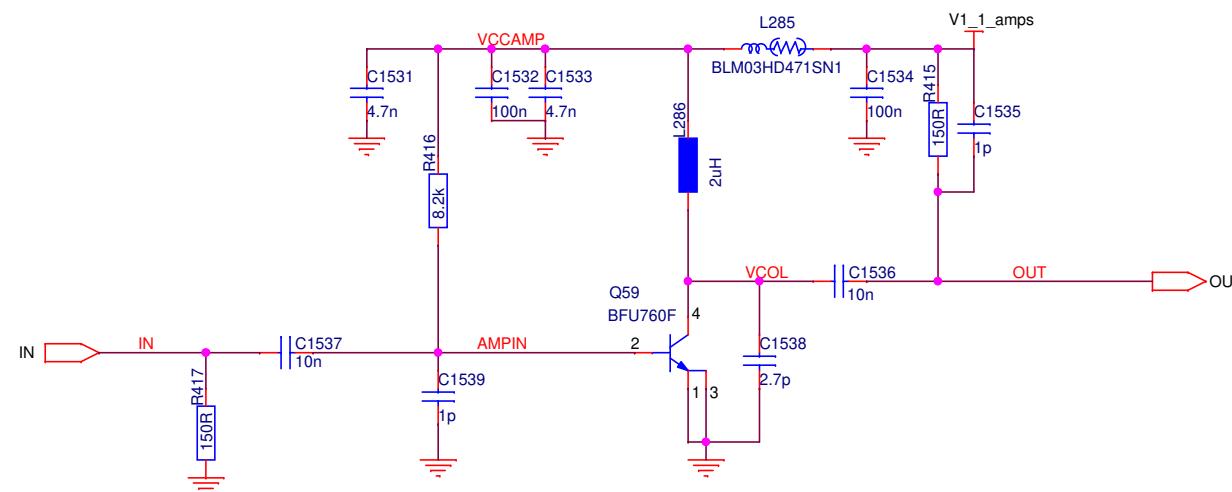
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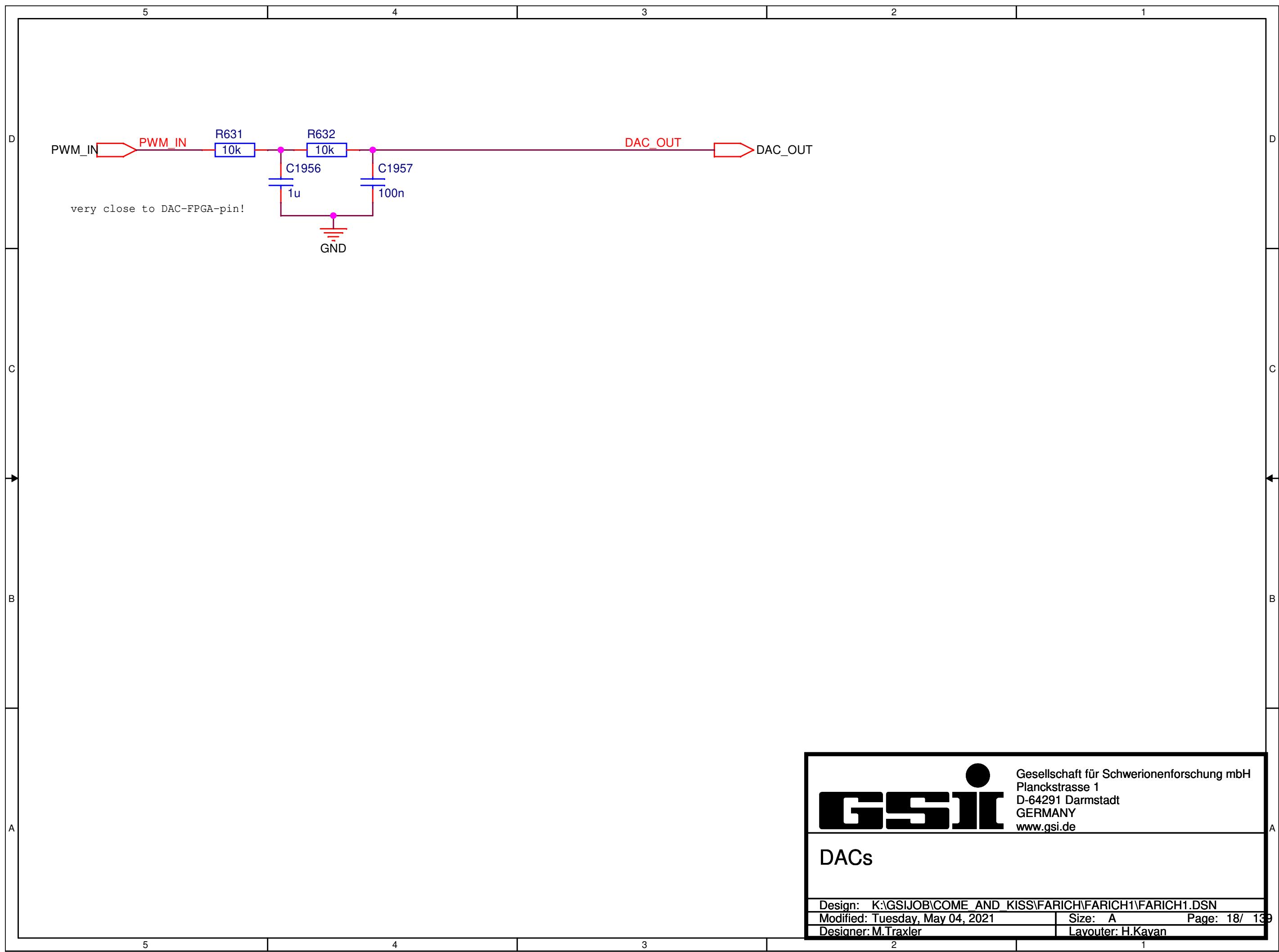
C C

B B

A A

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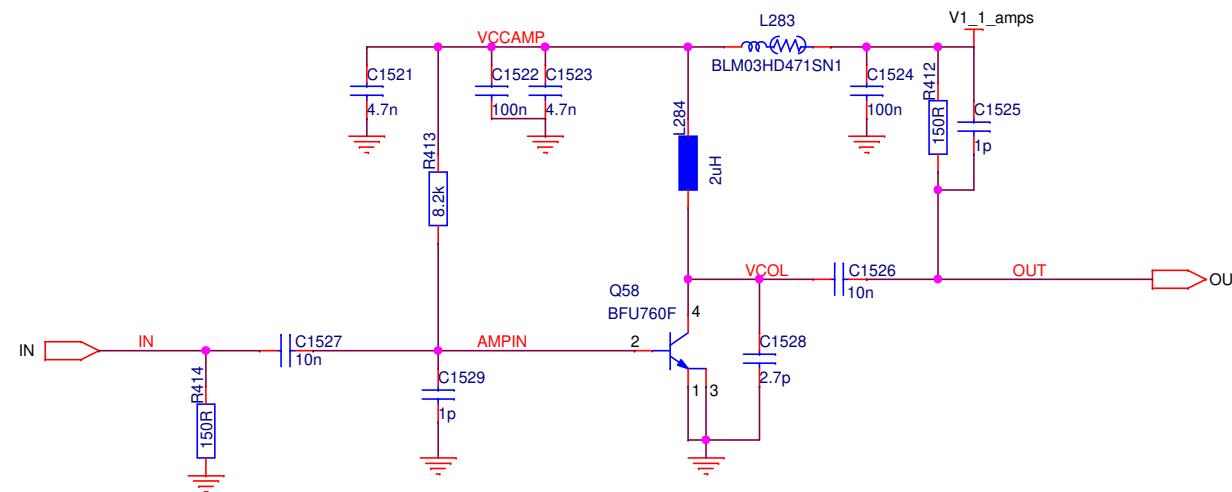
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Designer: M.Traxler	Lavouter: H.Kayan		

D

D

Either wire-wound or printed inductor. Price should decide!



C

C

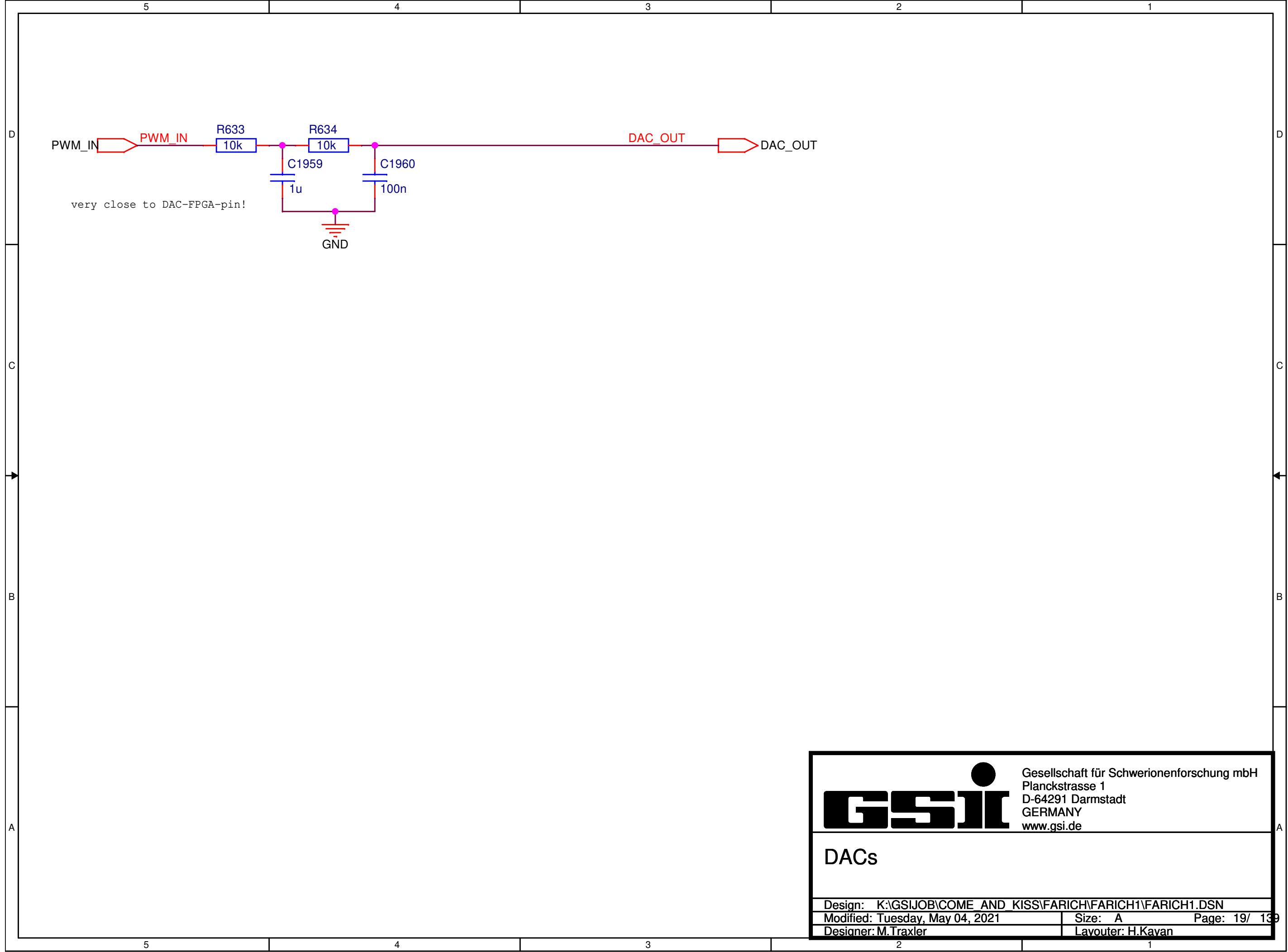
B

B

A

A



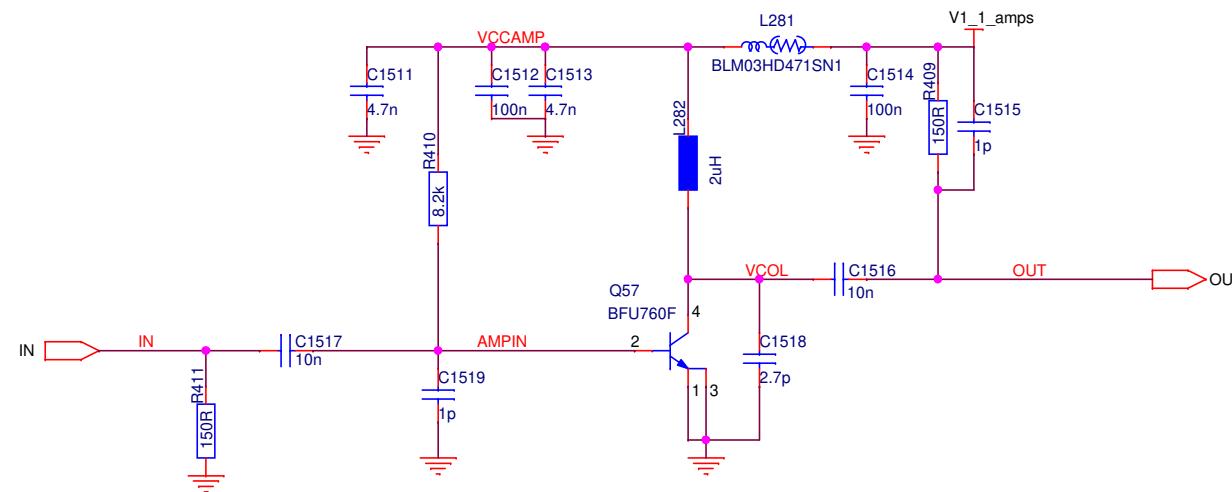


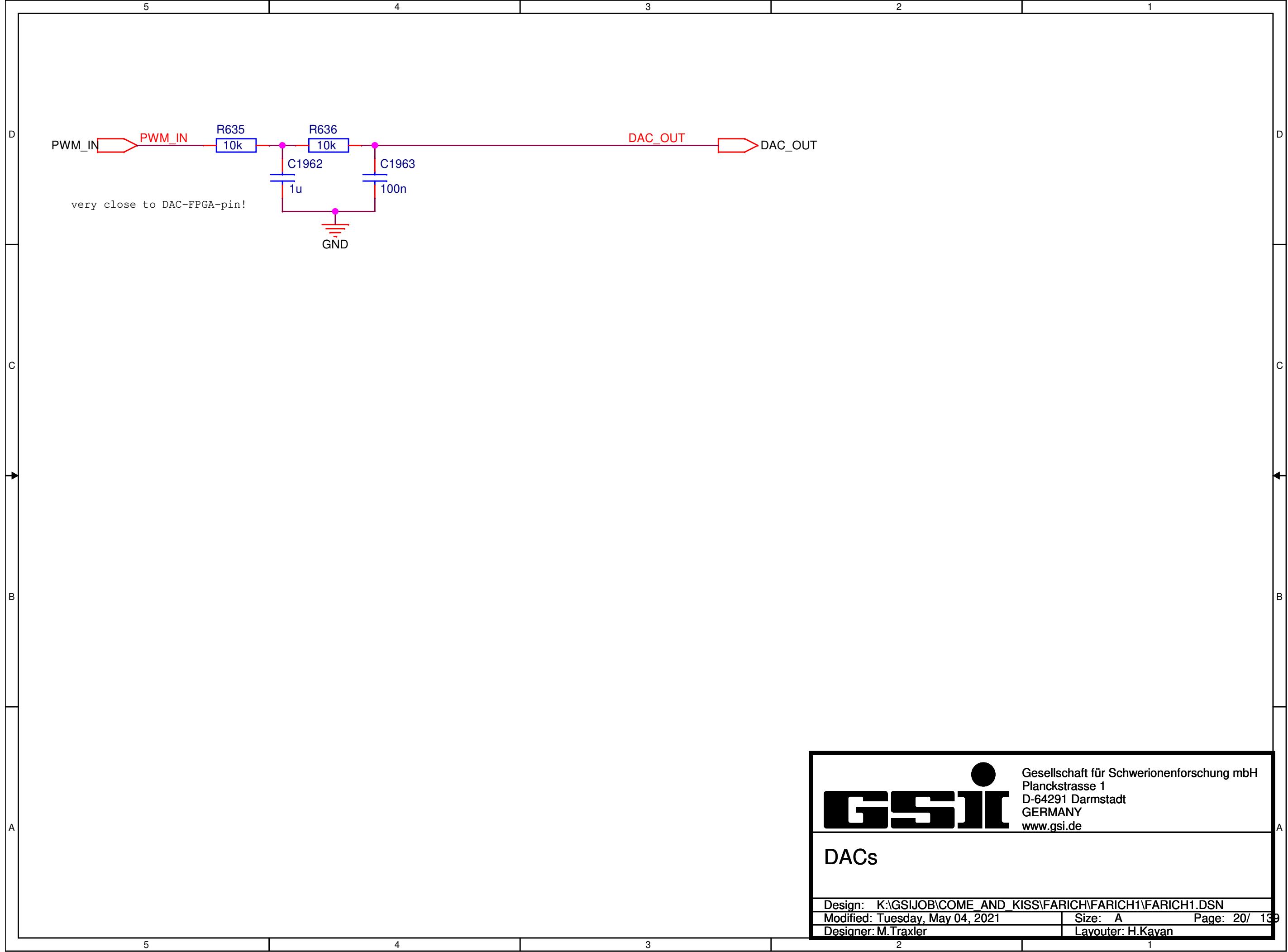
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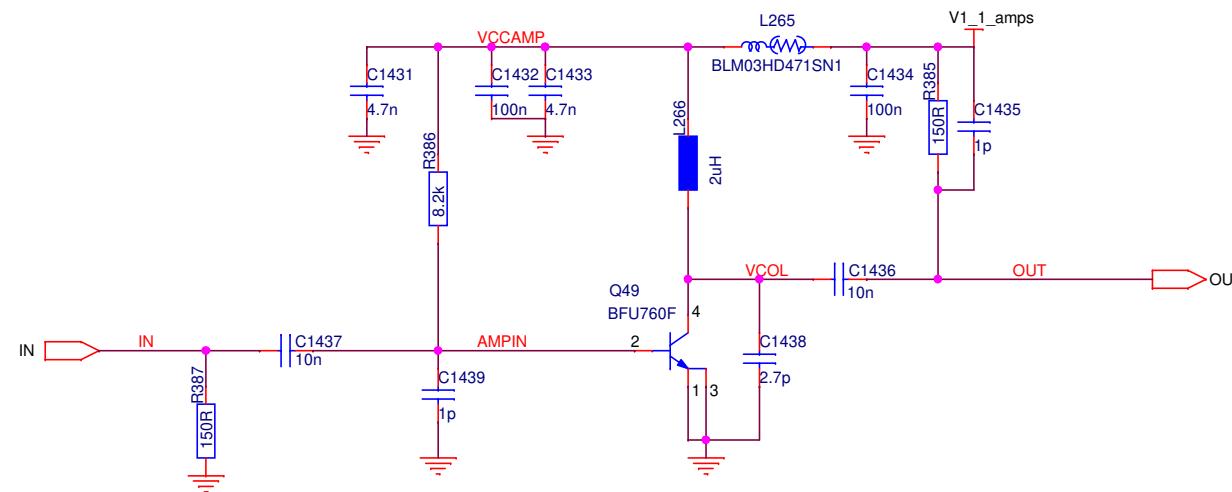


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Designer: M.Traxler	Layouter: H.Kayan		

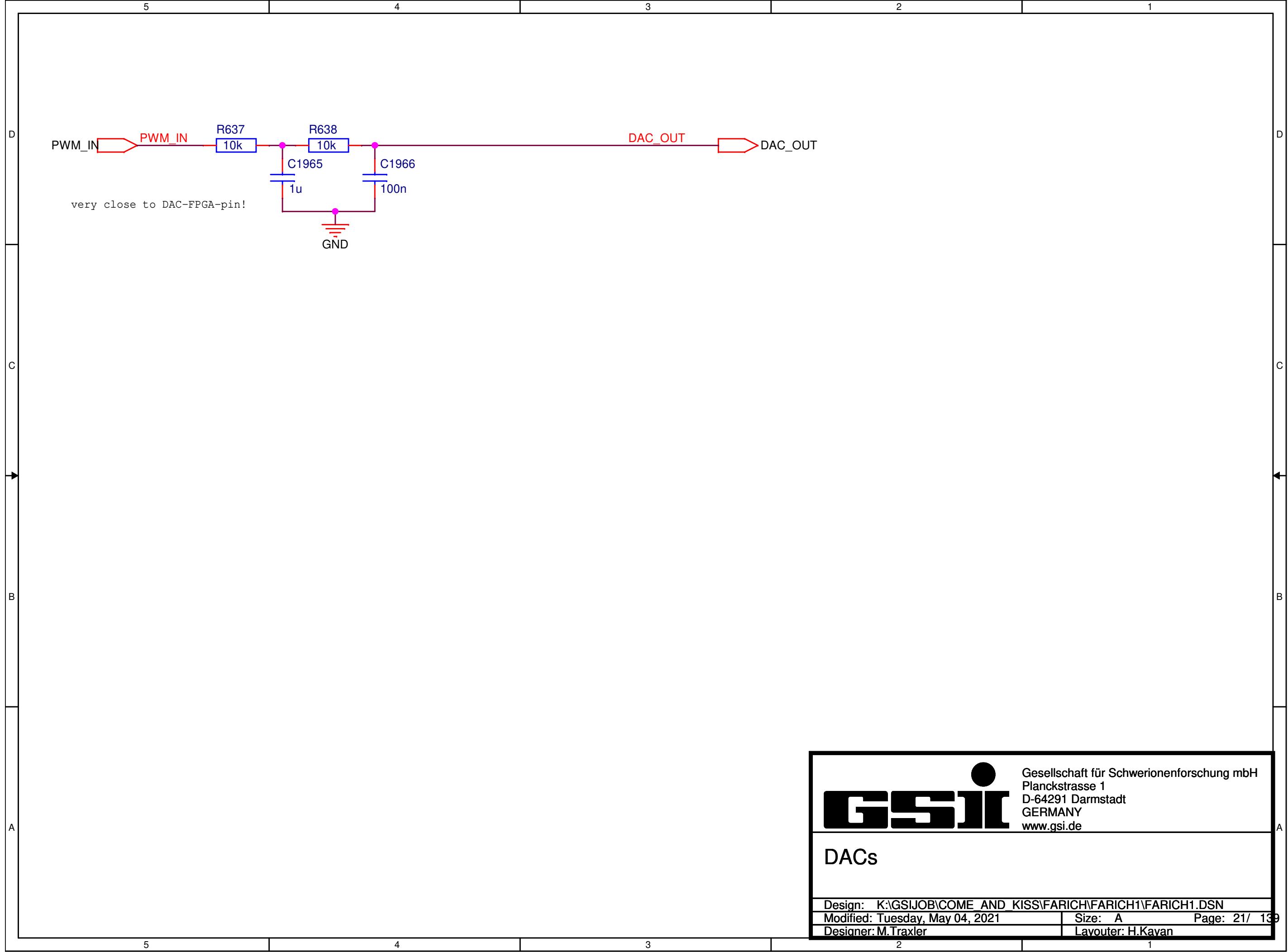
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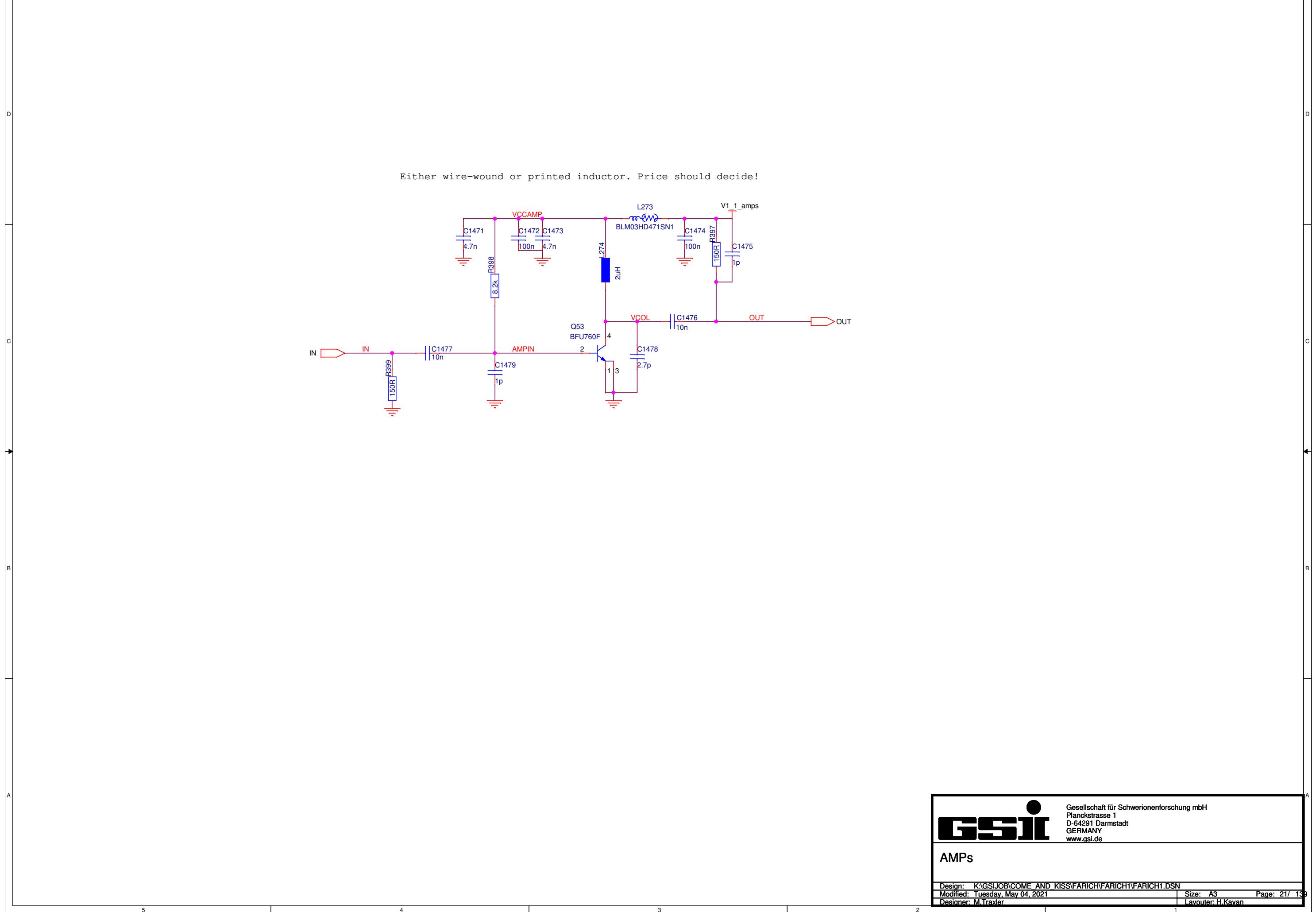
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Modified: Tuesday, May 04, 2021		
Designer: M.Traexler	Layouter: H.Kavan	

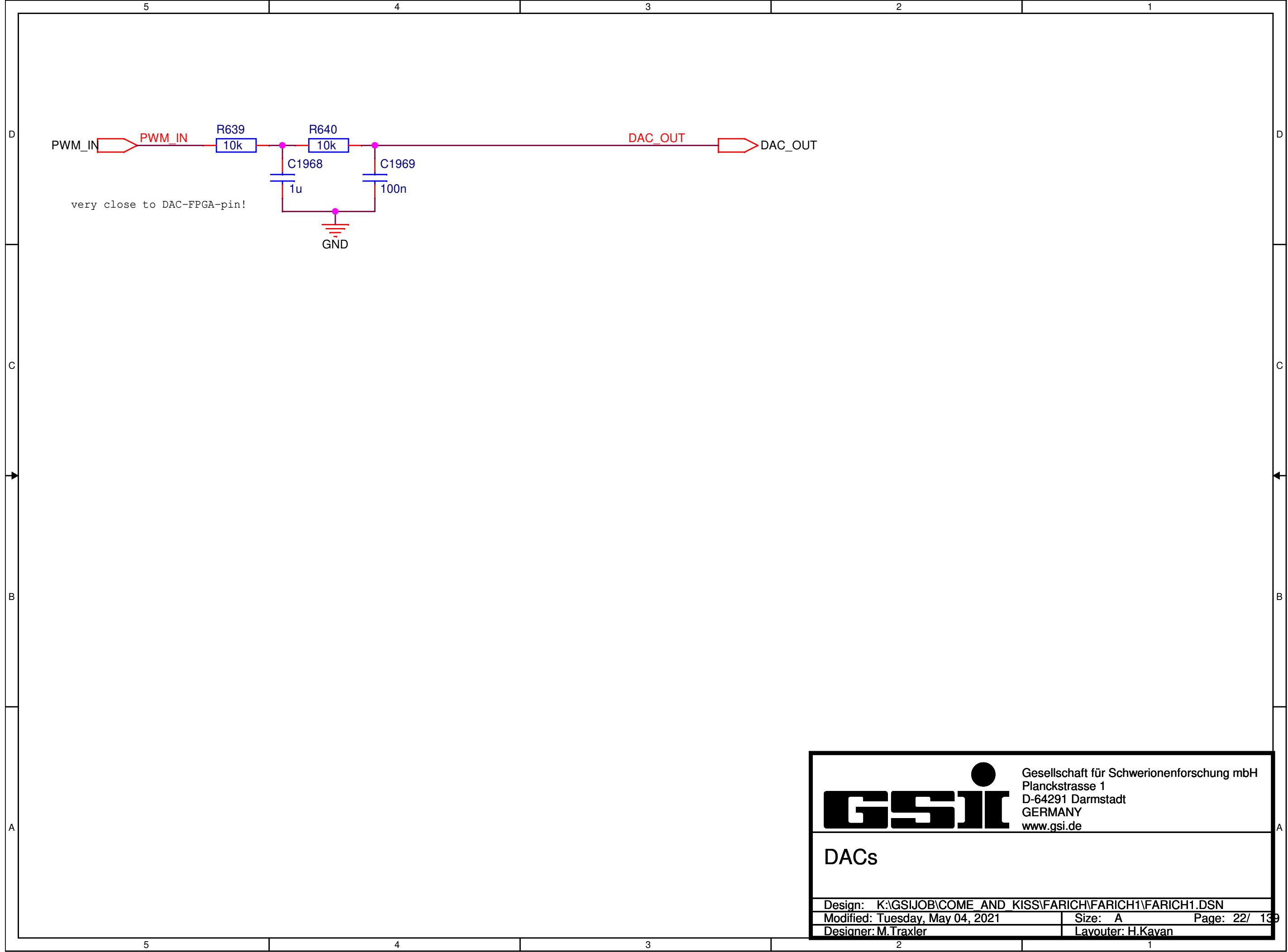


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Designer: M.Traxler	Lavouter: H.Kayan		

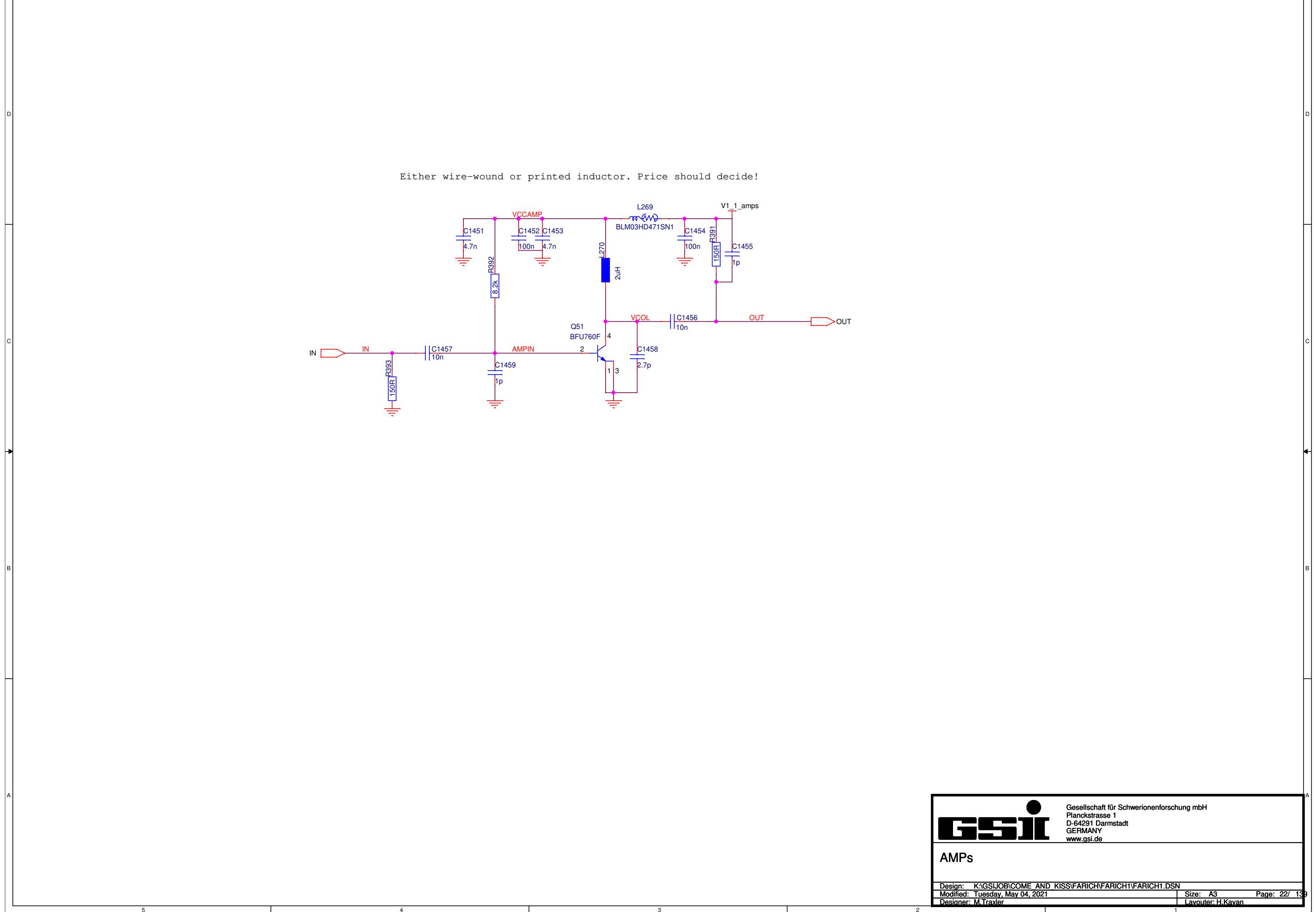


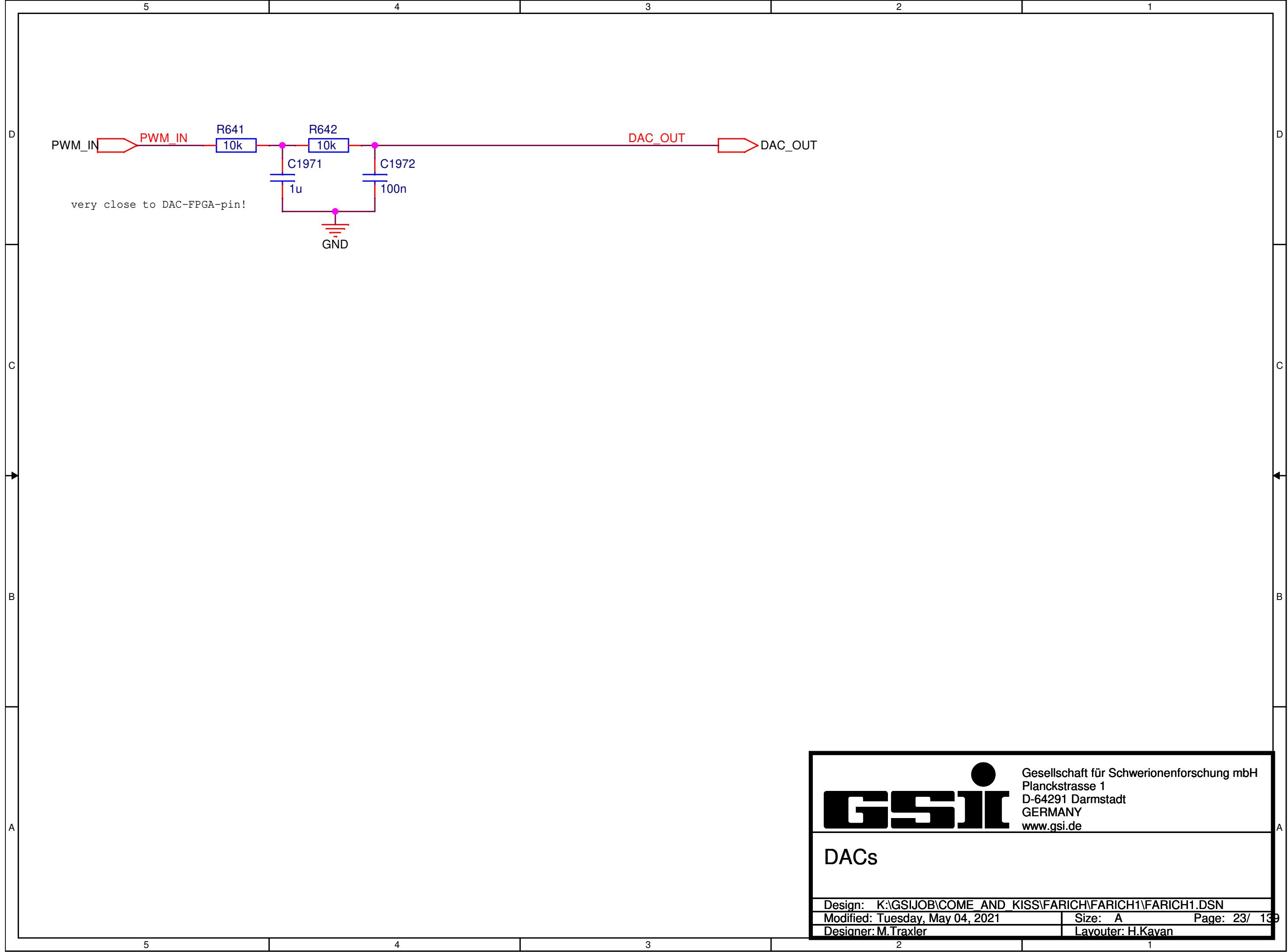


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Designer: M.Traxler	Lavouter: H.Kayan		





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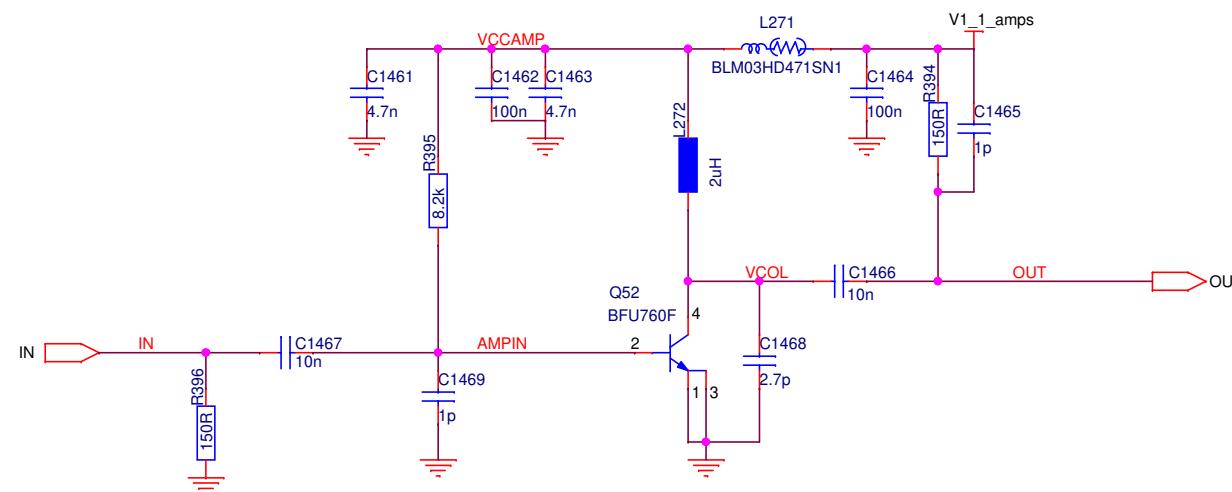
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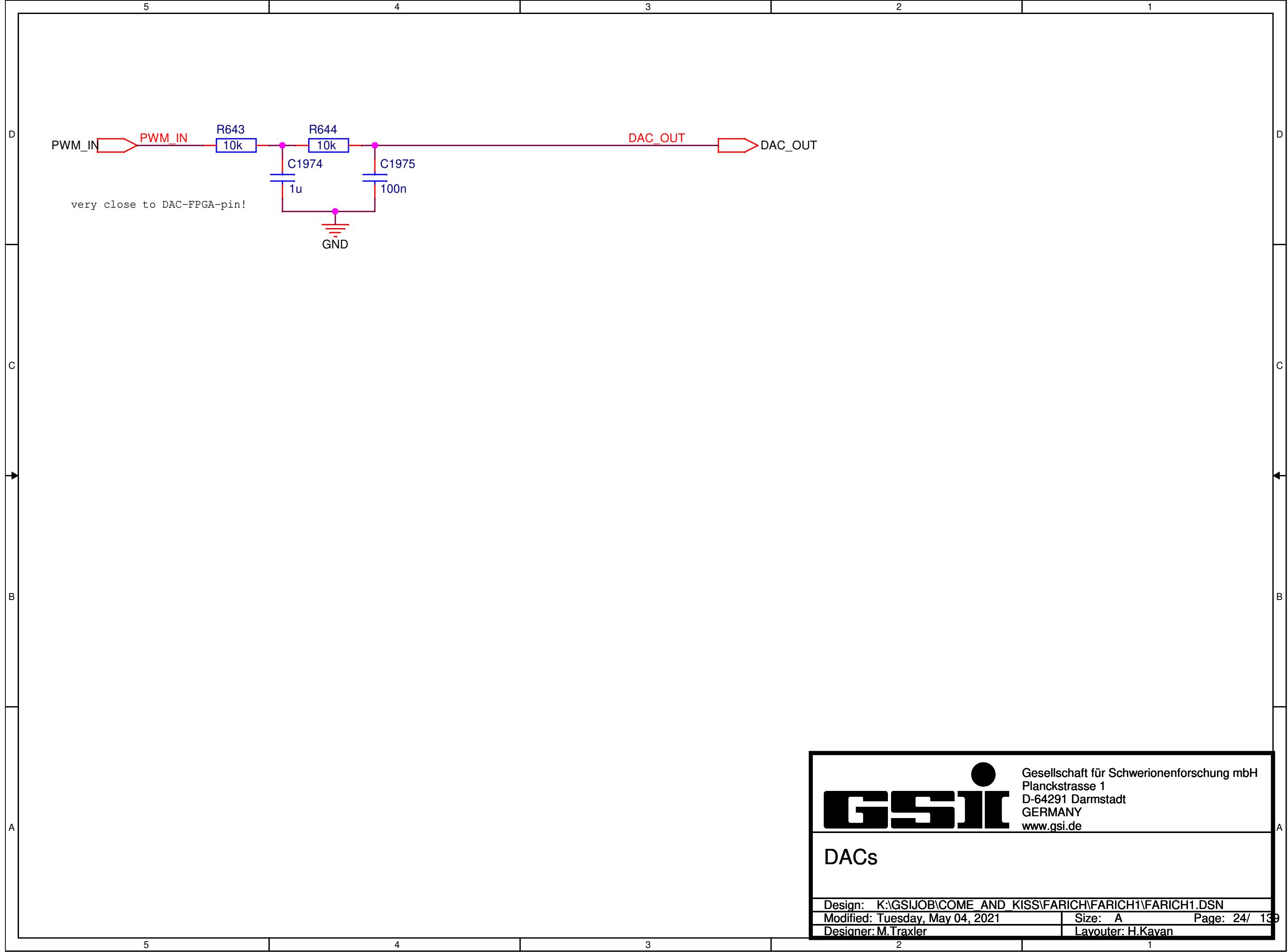
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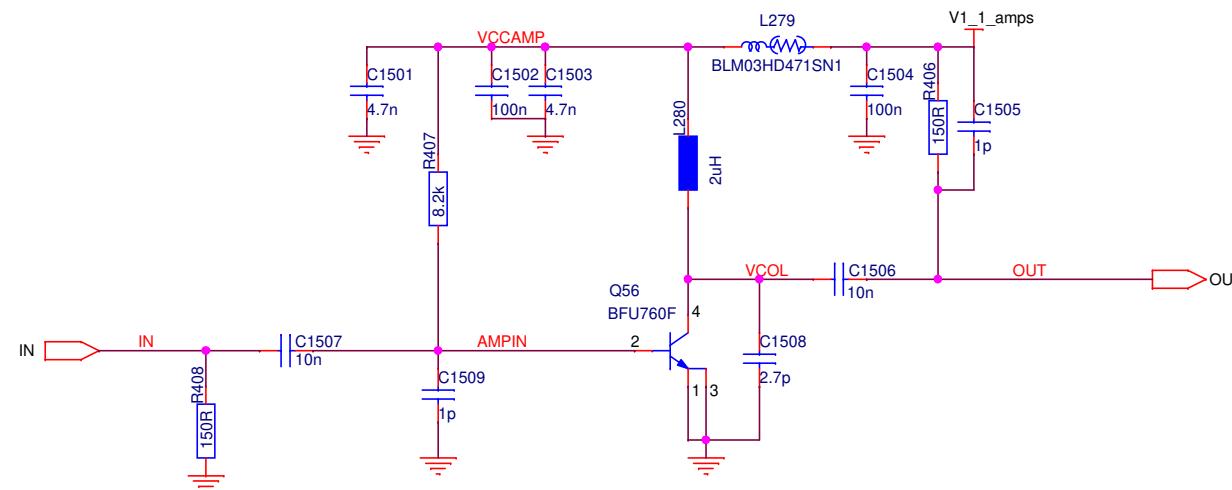
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Designer: M.Traxler	Lavouter: H.Kayan		

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Either wire-wound or printed inductor. Price should decide!



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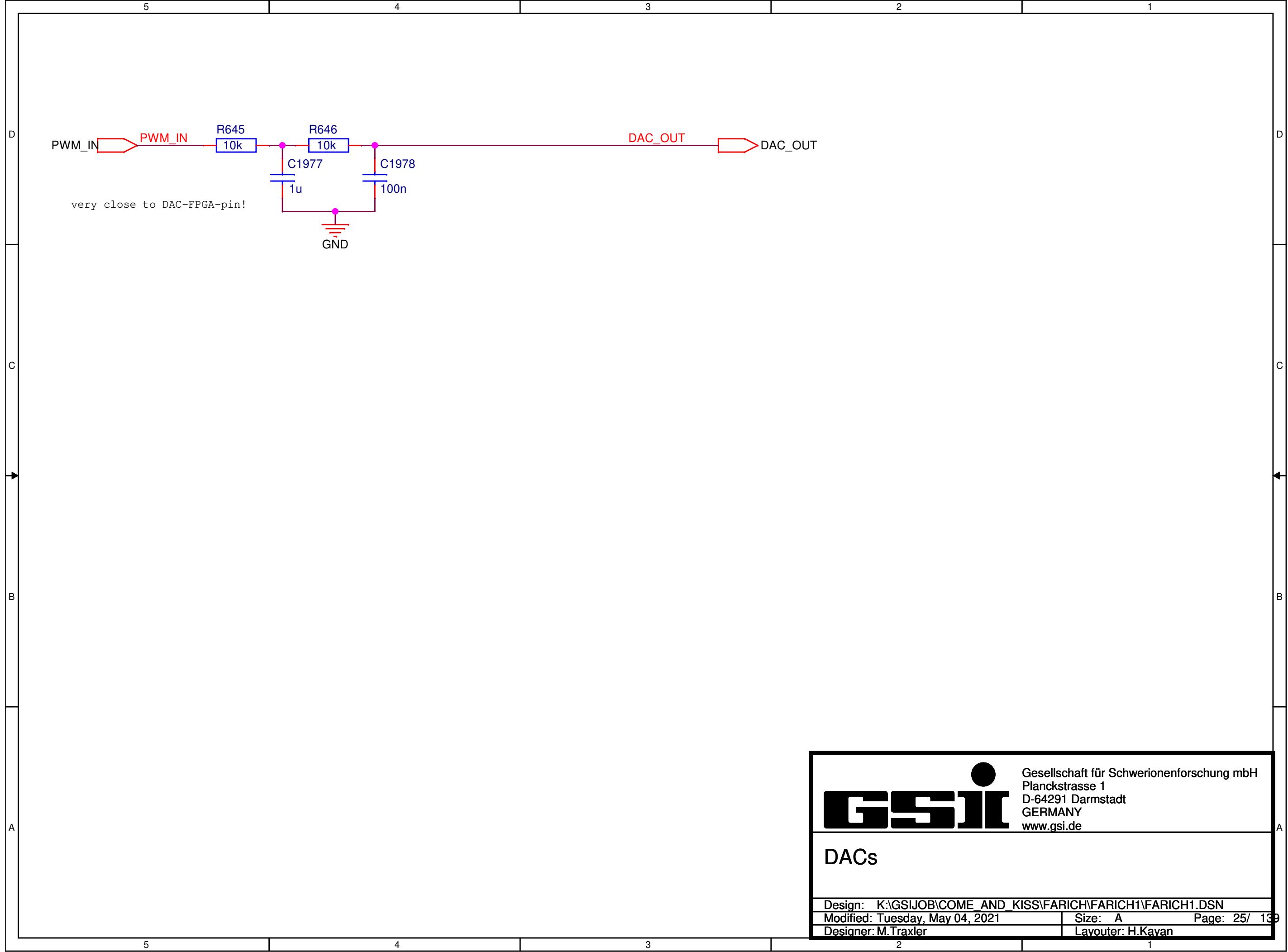
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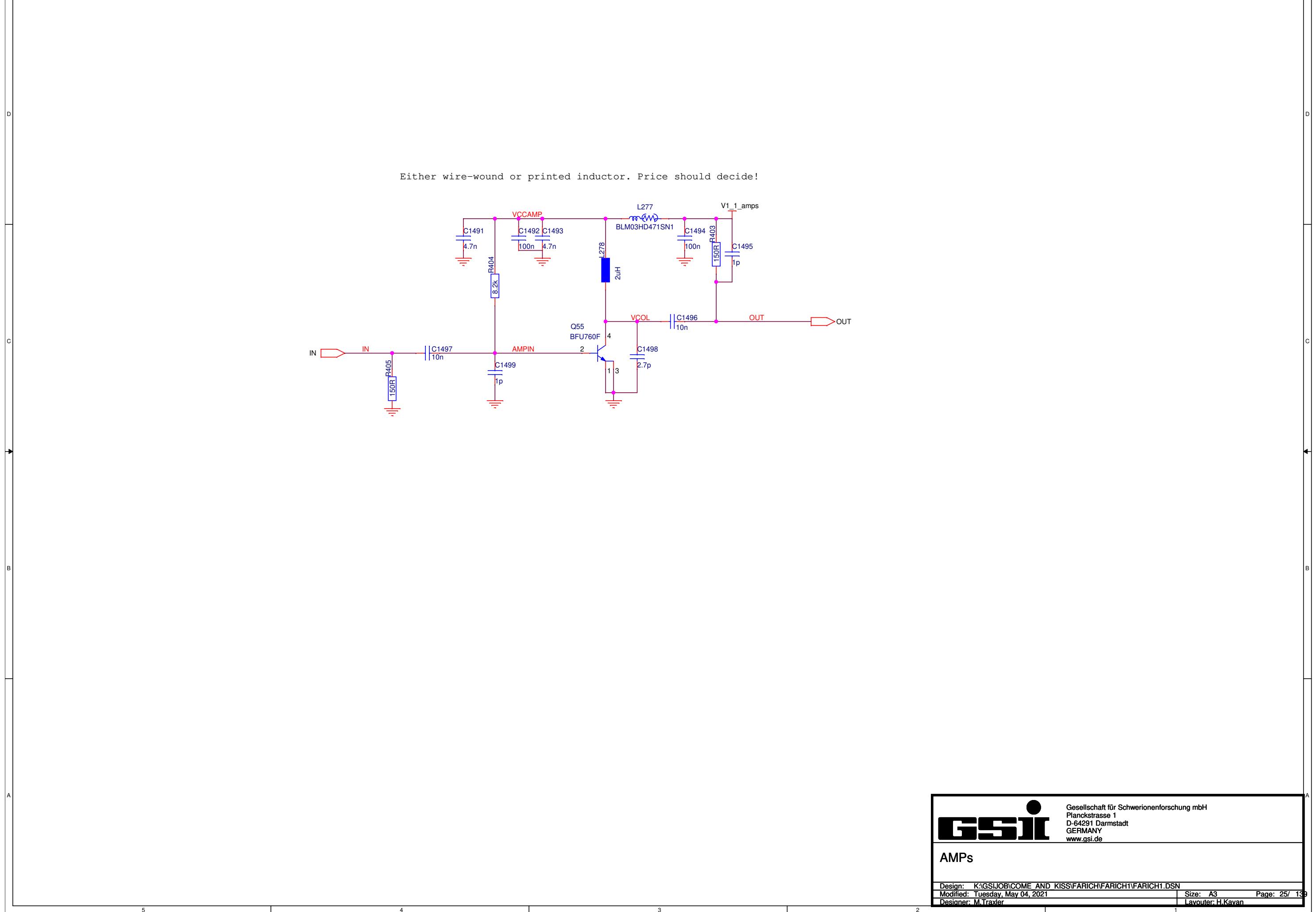


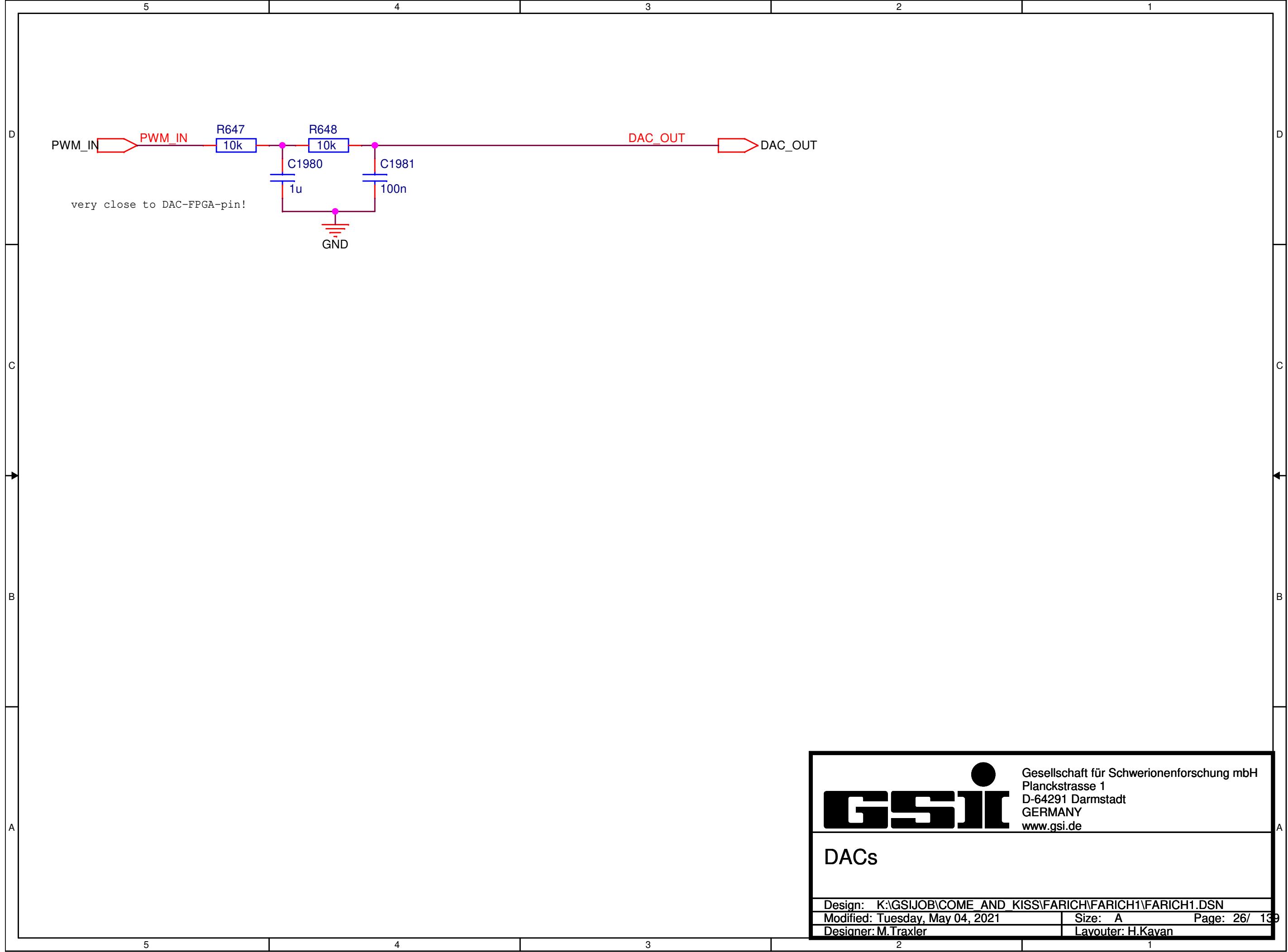


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Designer: M.Traxler	Lavouter: H.Kayan		

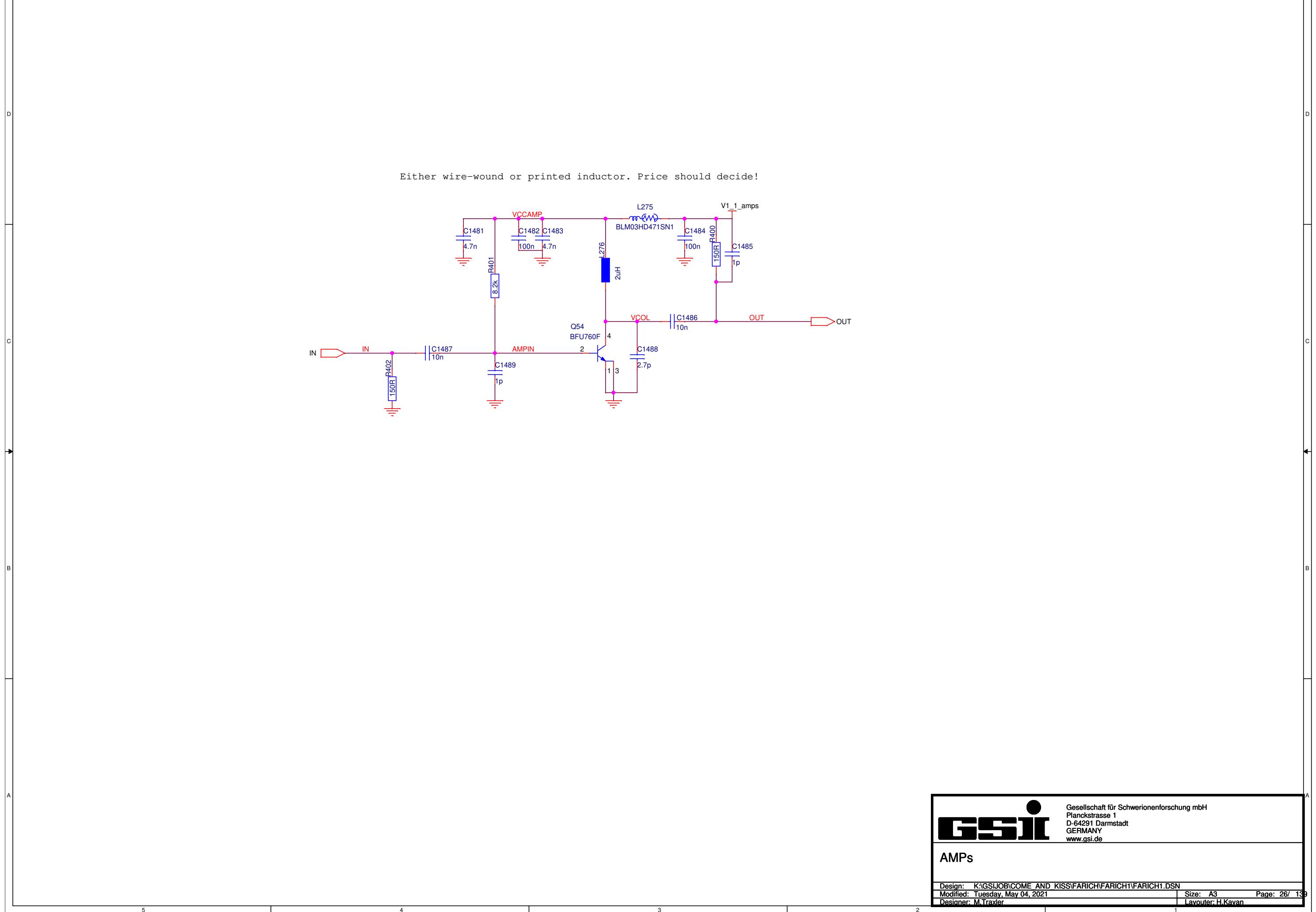


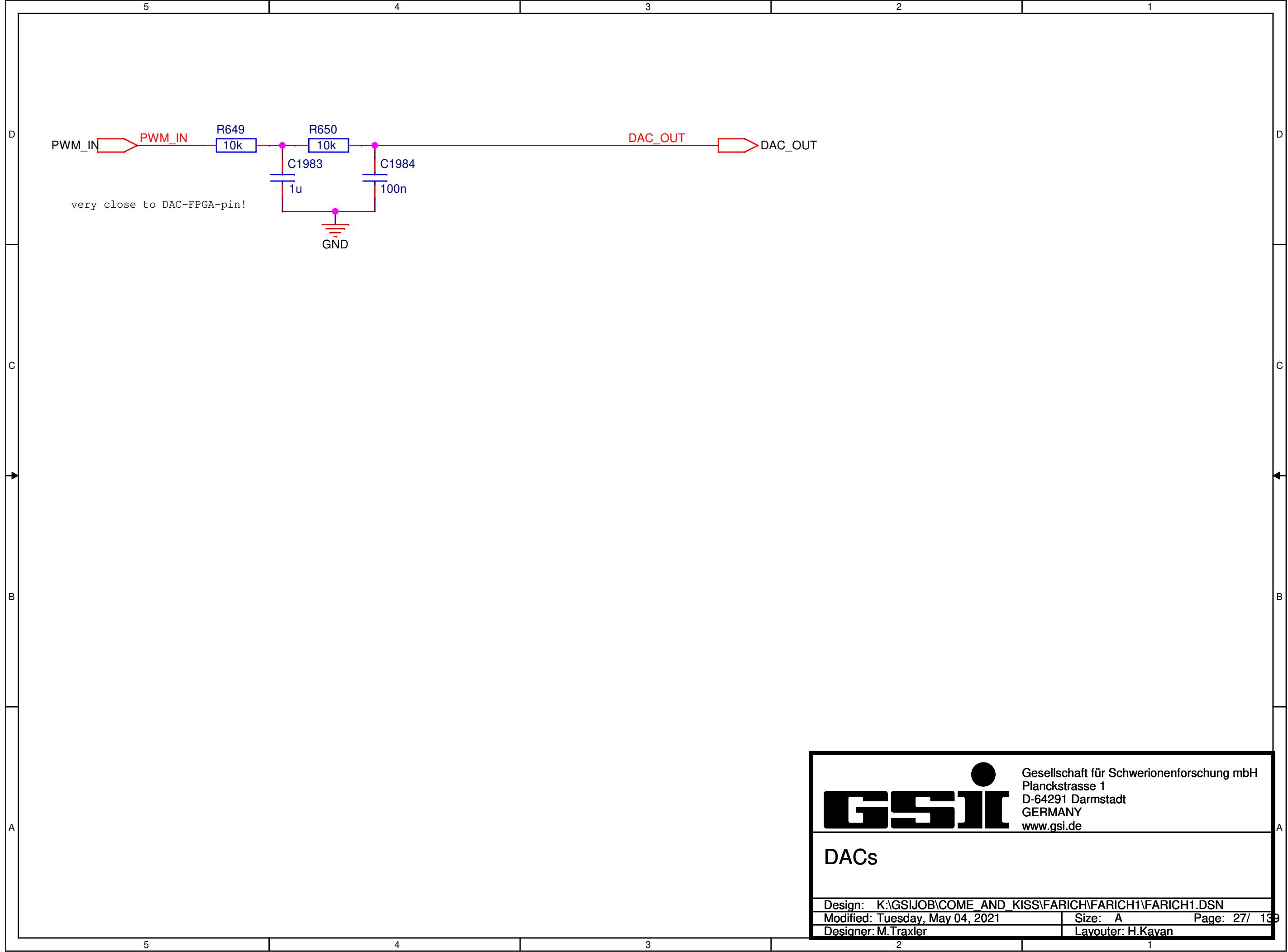


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Designer: M.Traxler	Lavouter: H.Kayan		

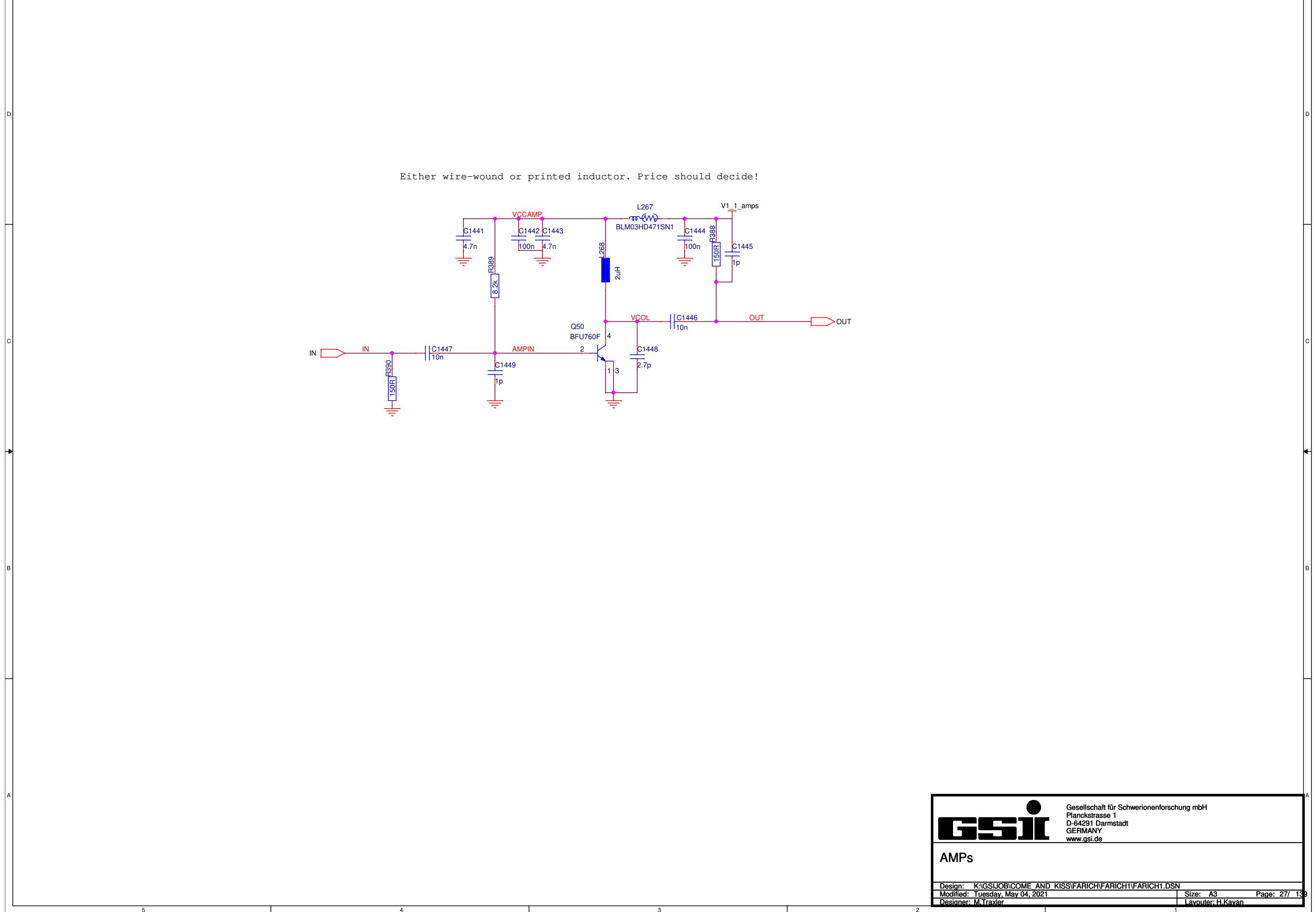


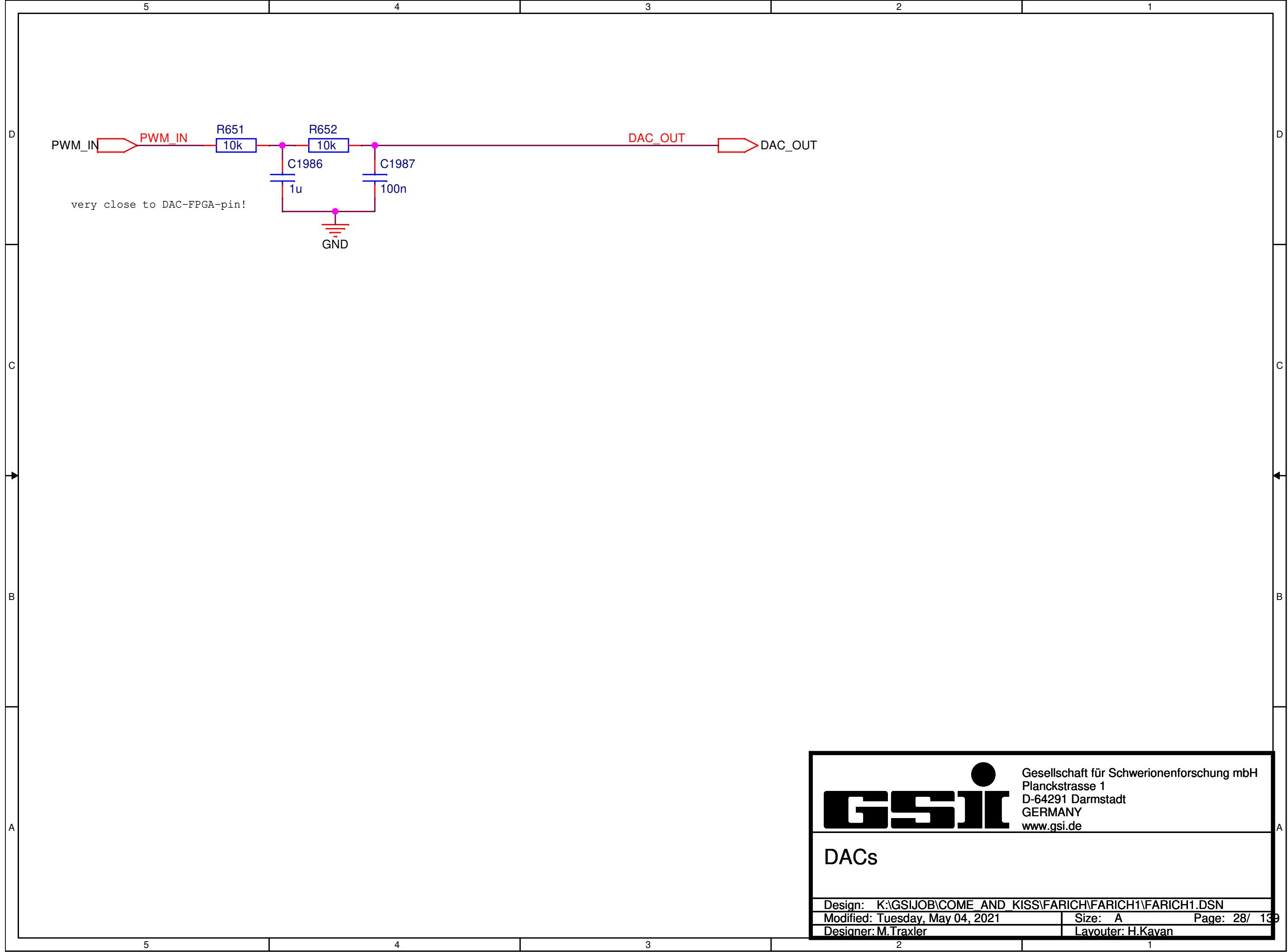


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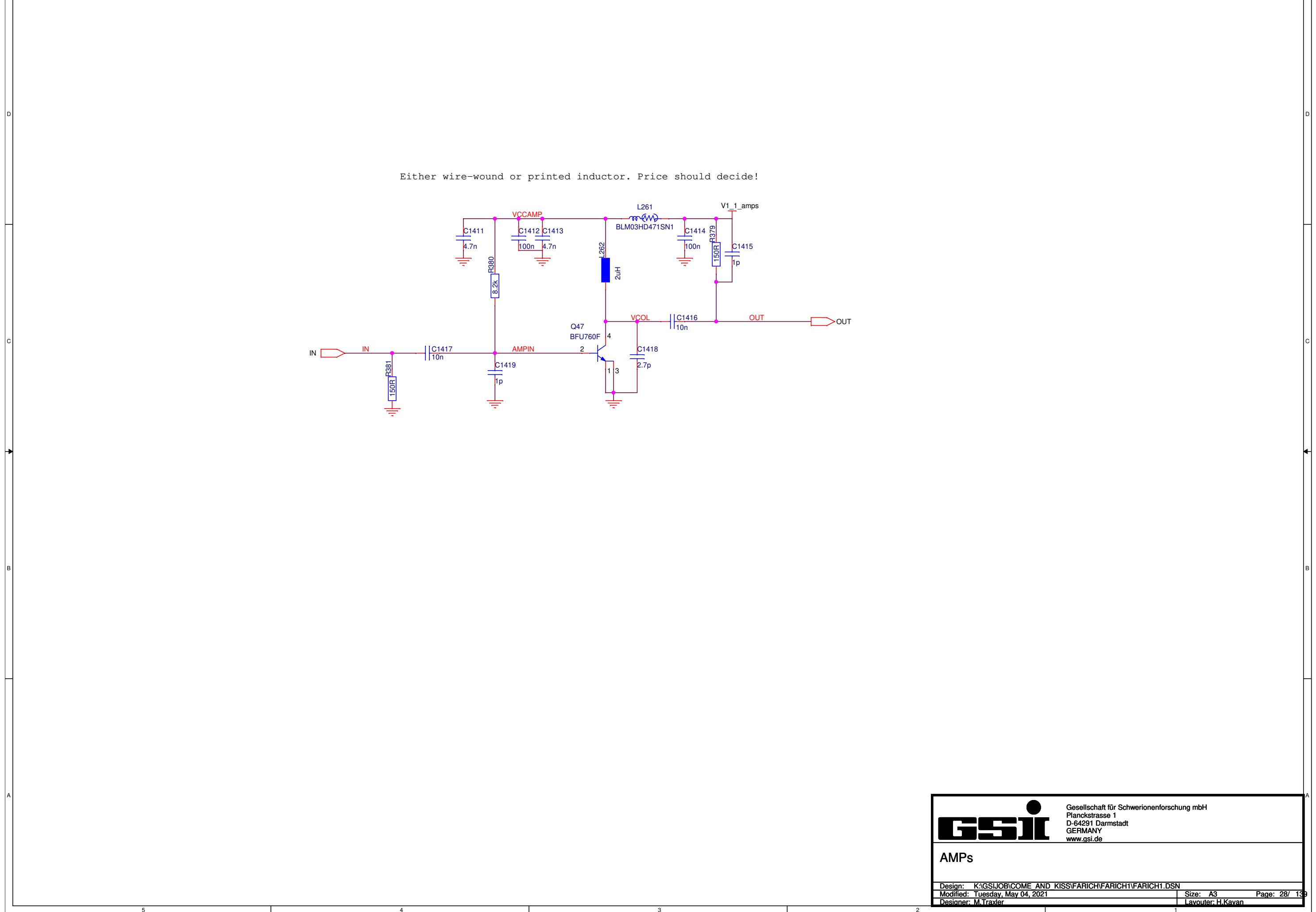


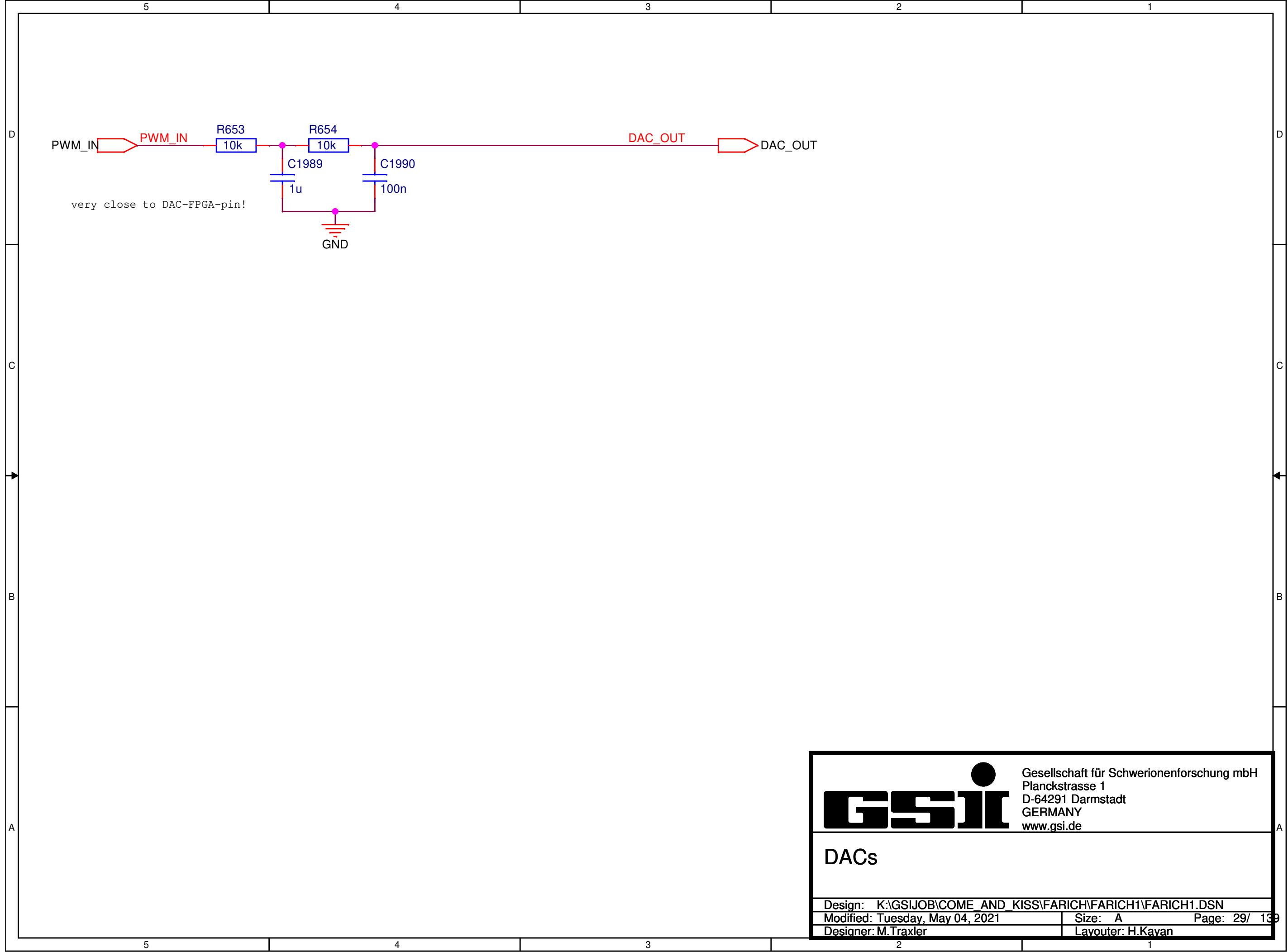


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Designer: M.Traxler	Lavouter: H.Kayan		

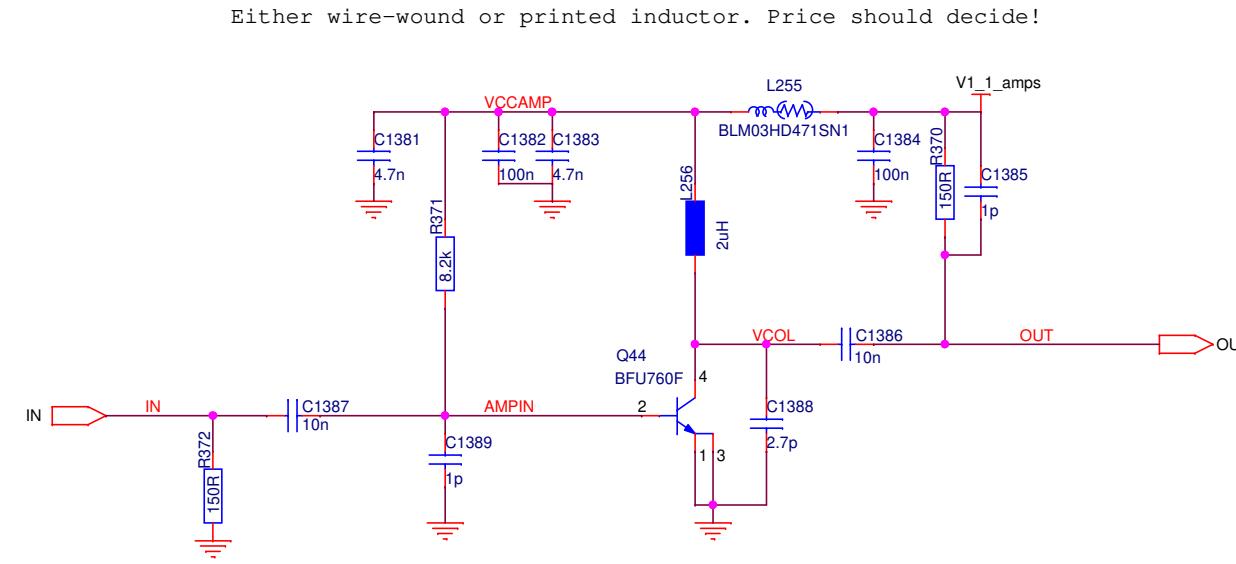




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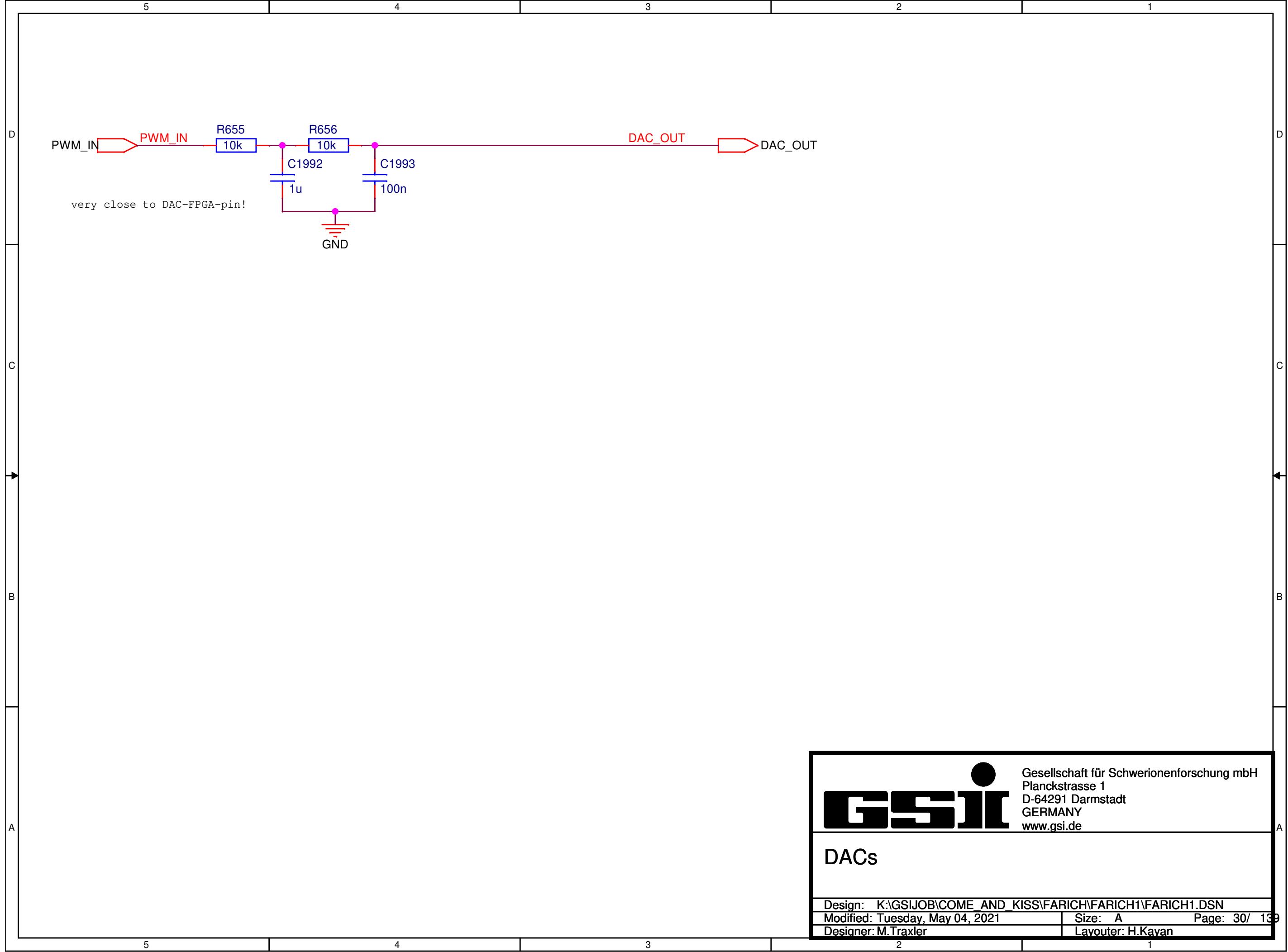
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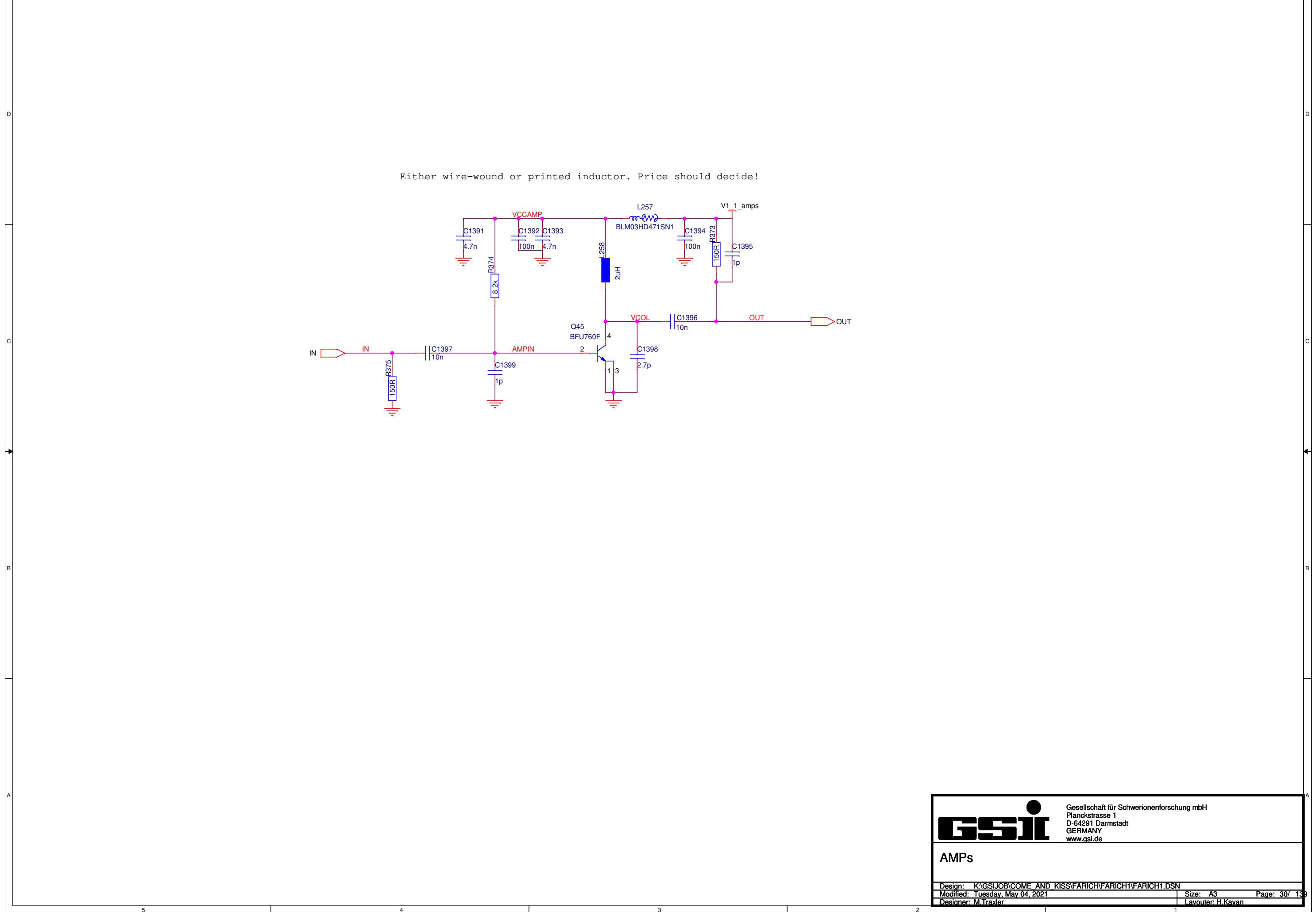
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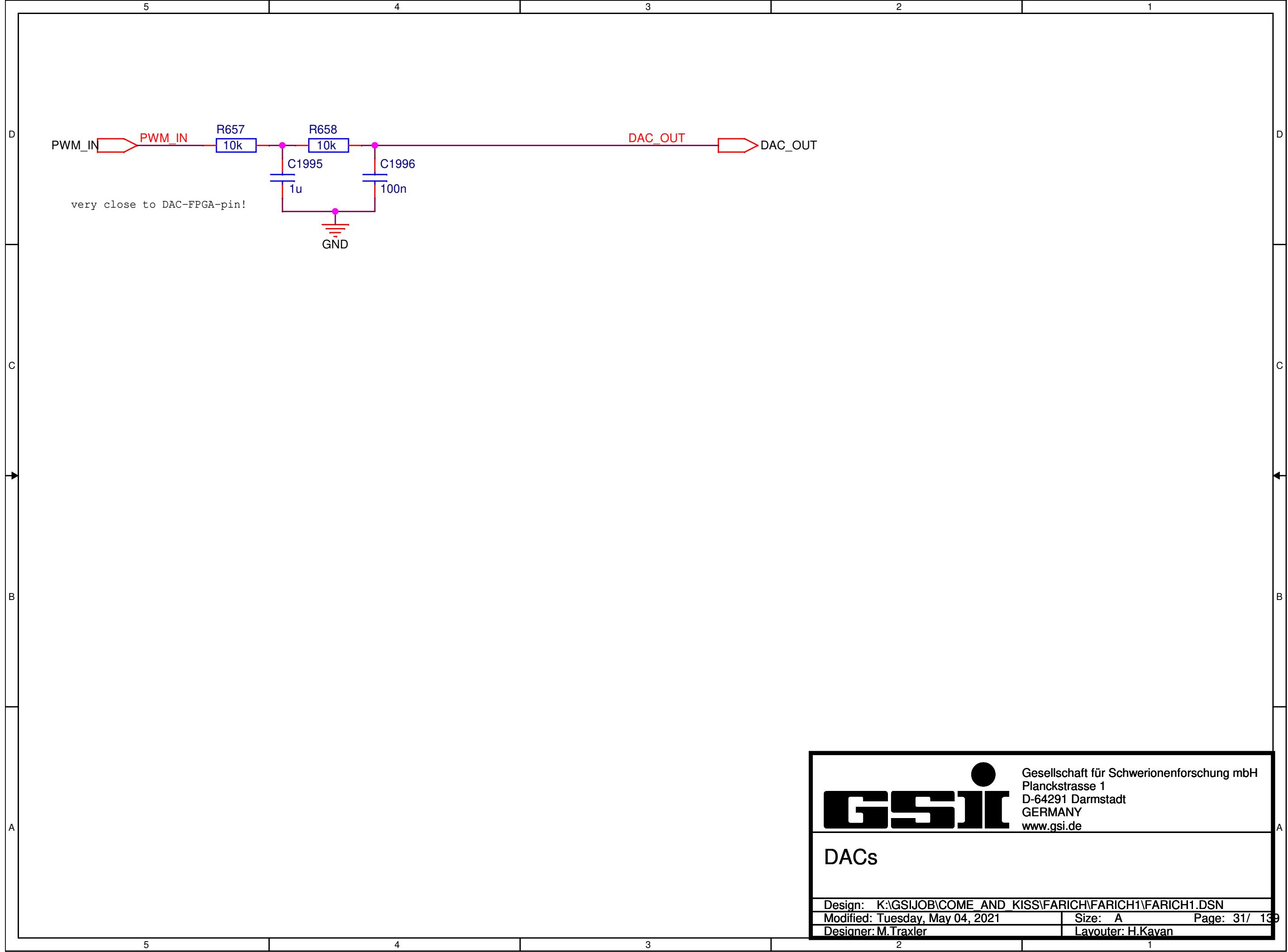


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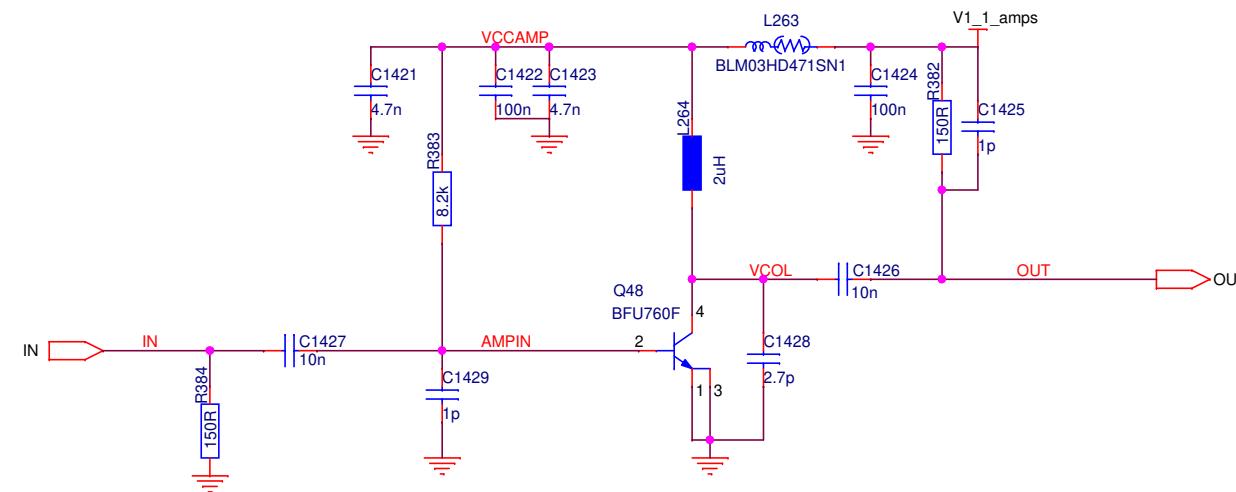


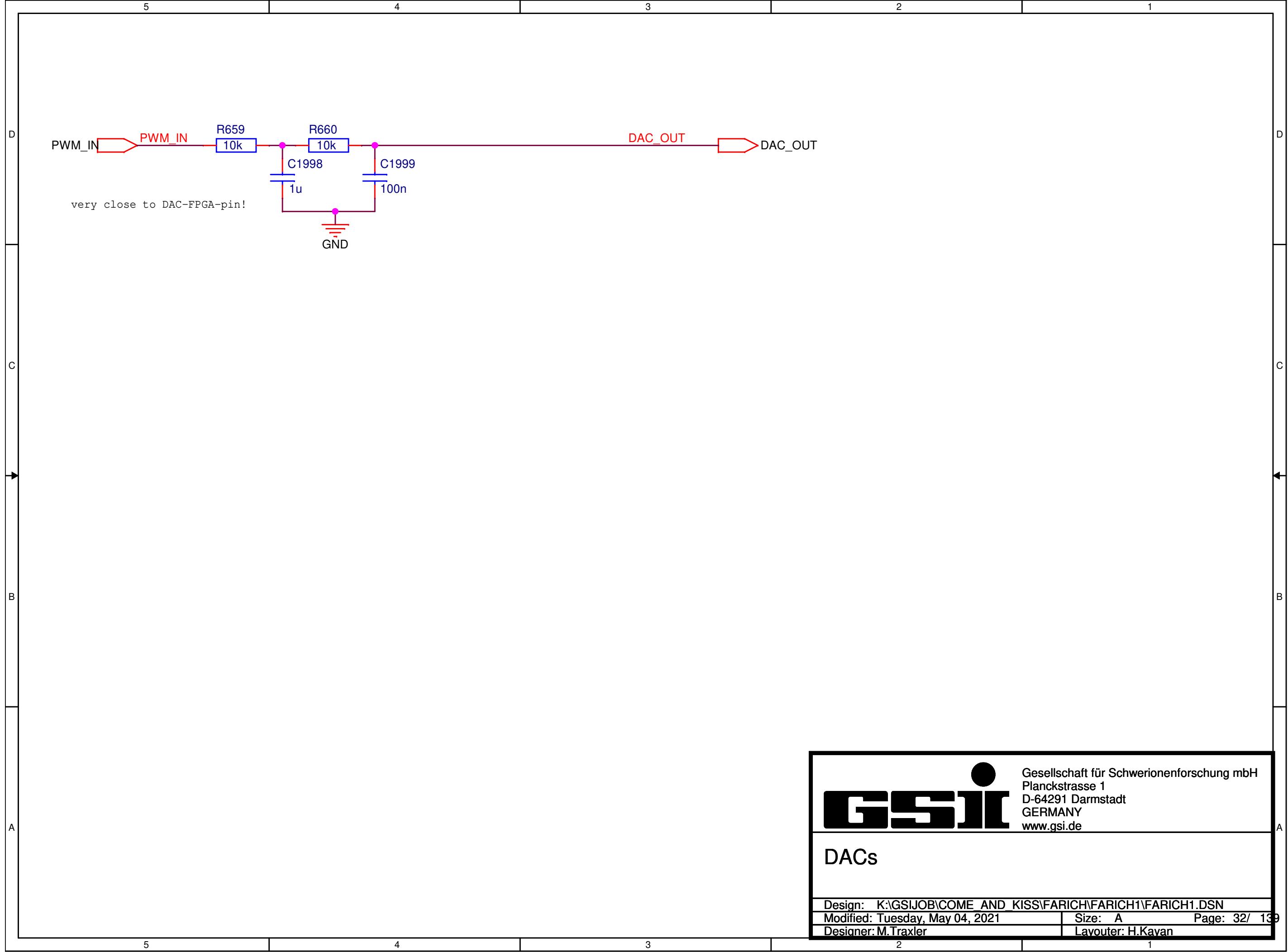
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Designer: M.Traxler	Layouter: H.Kayan		

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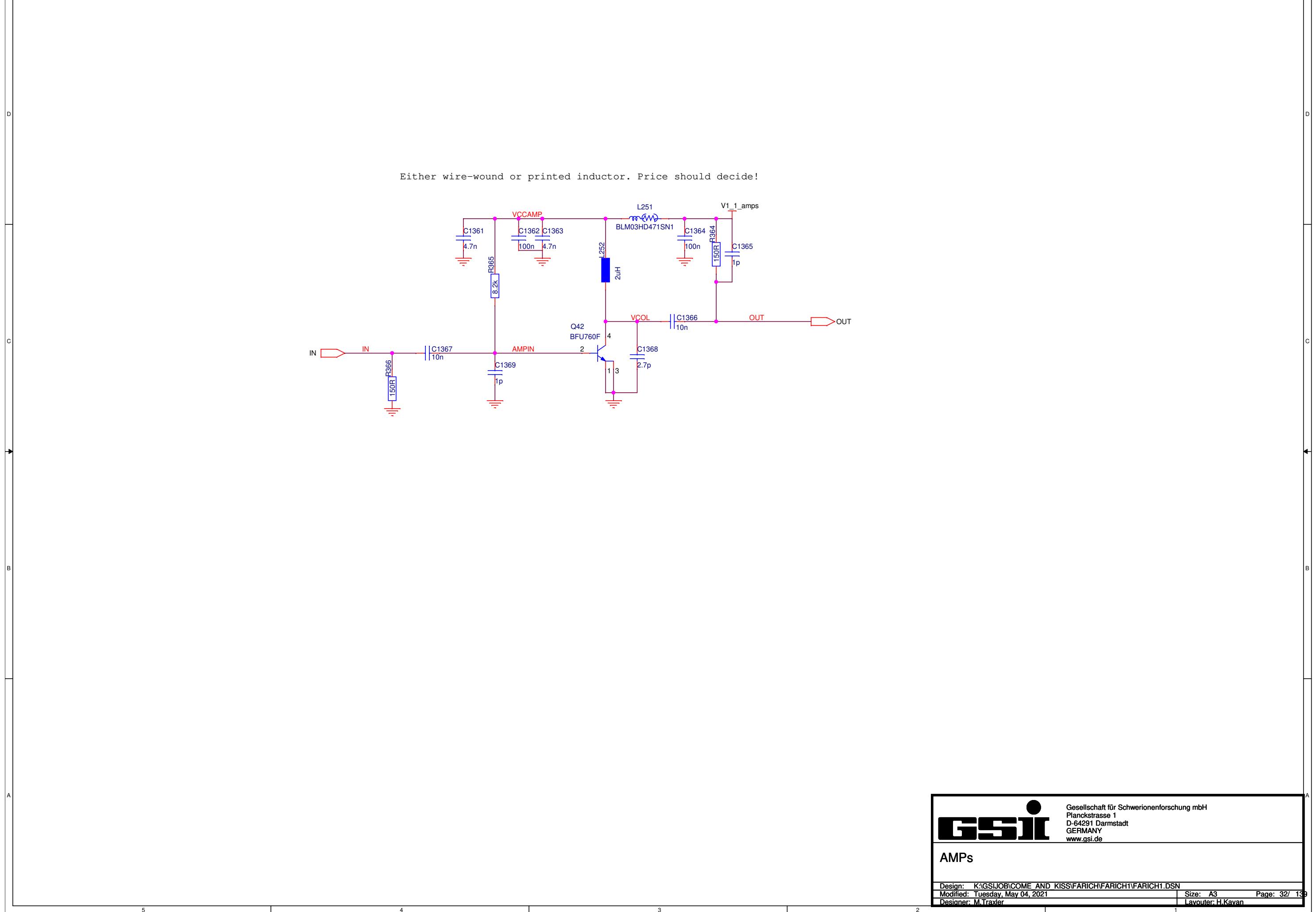


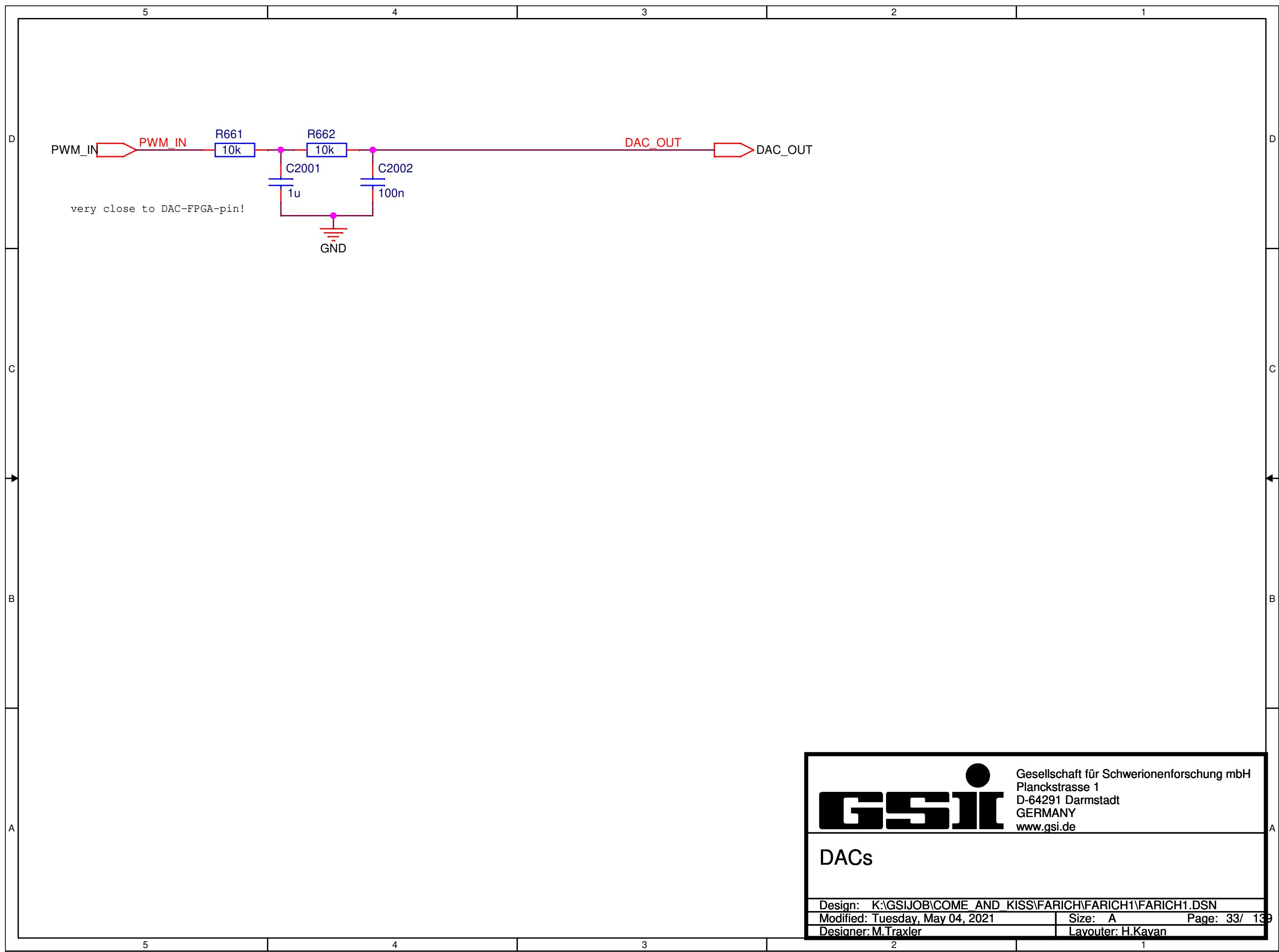


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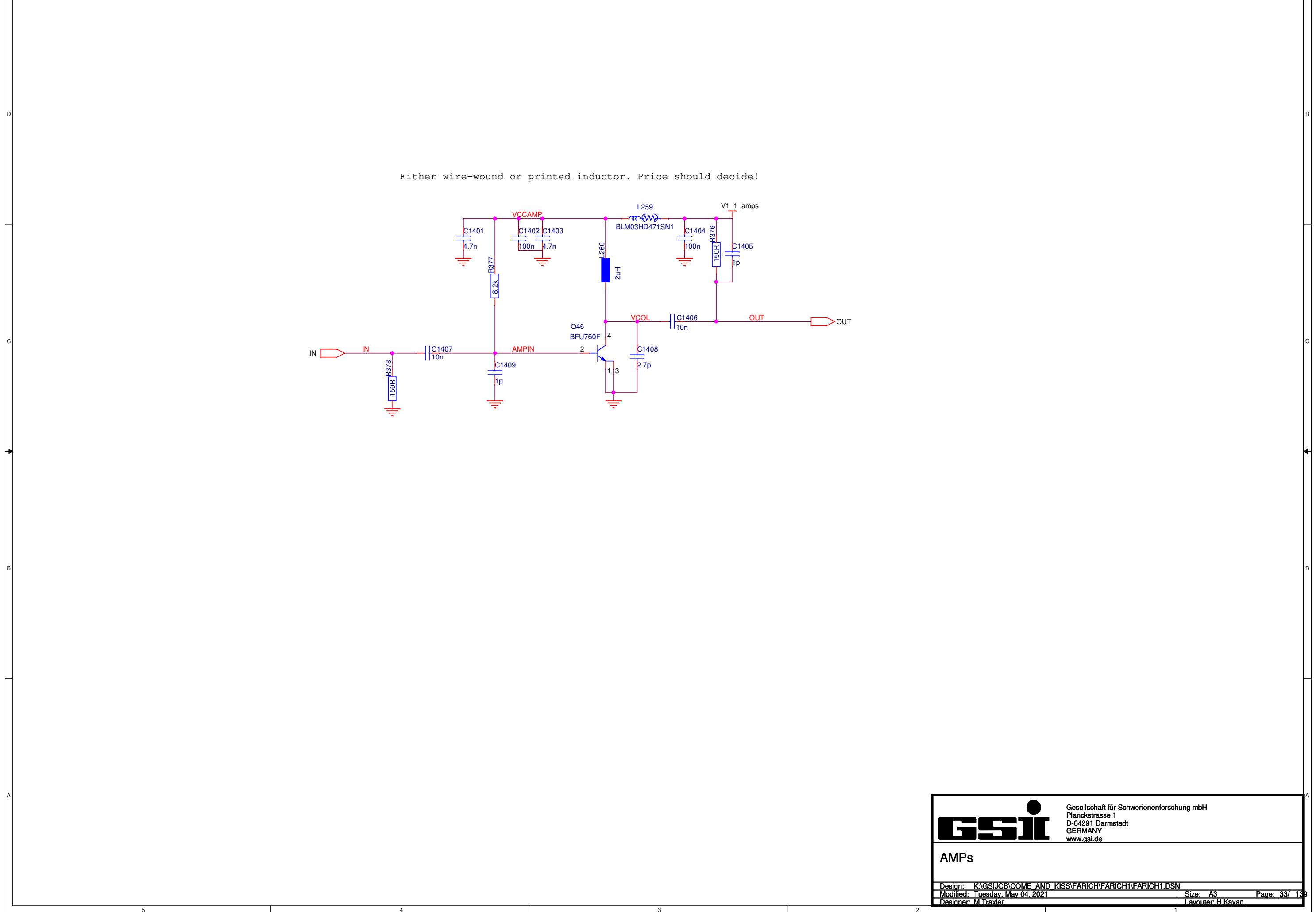


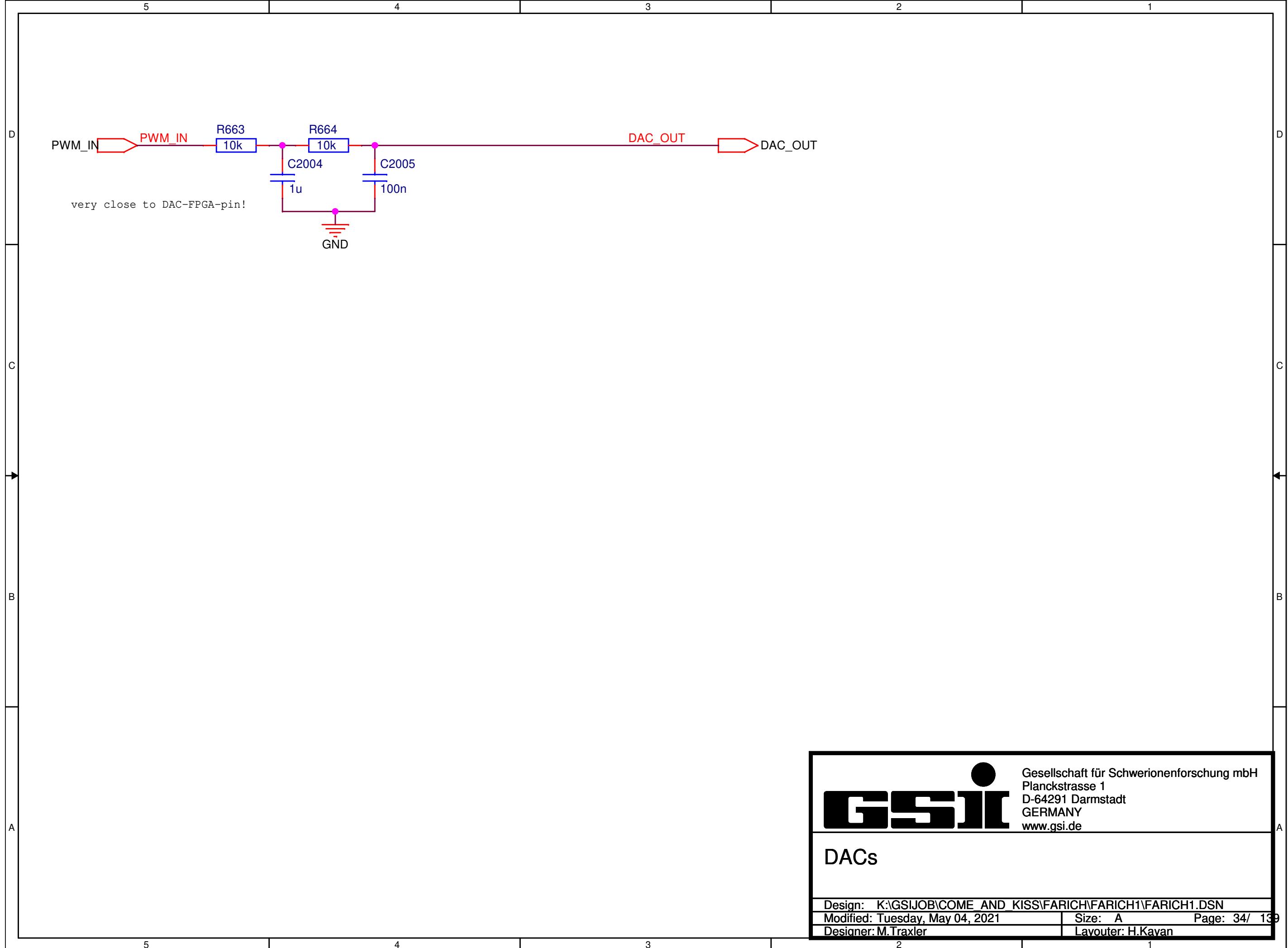


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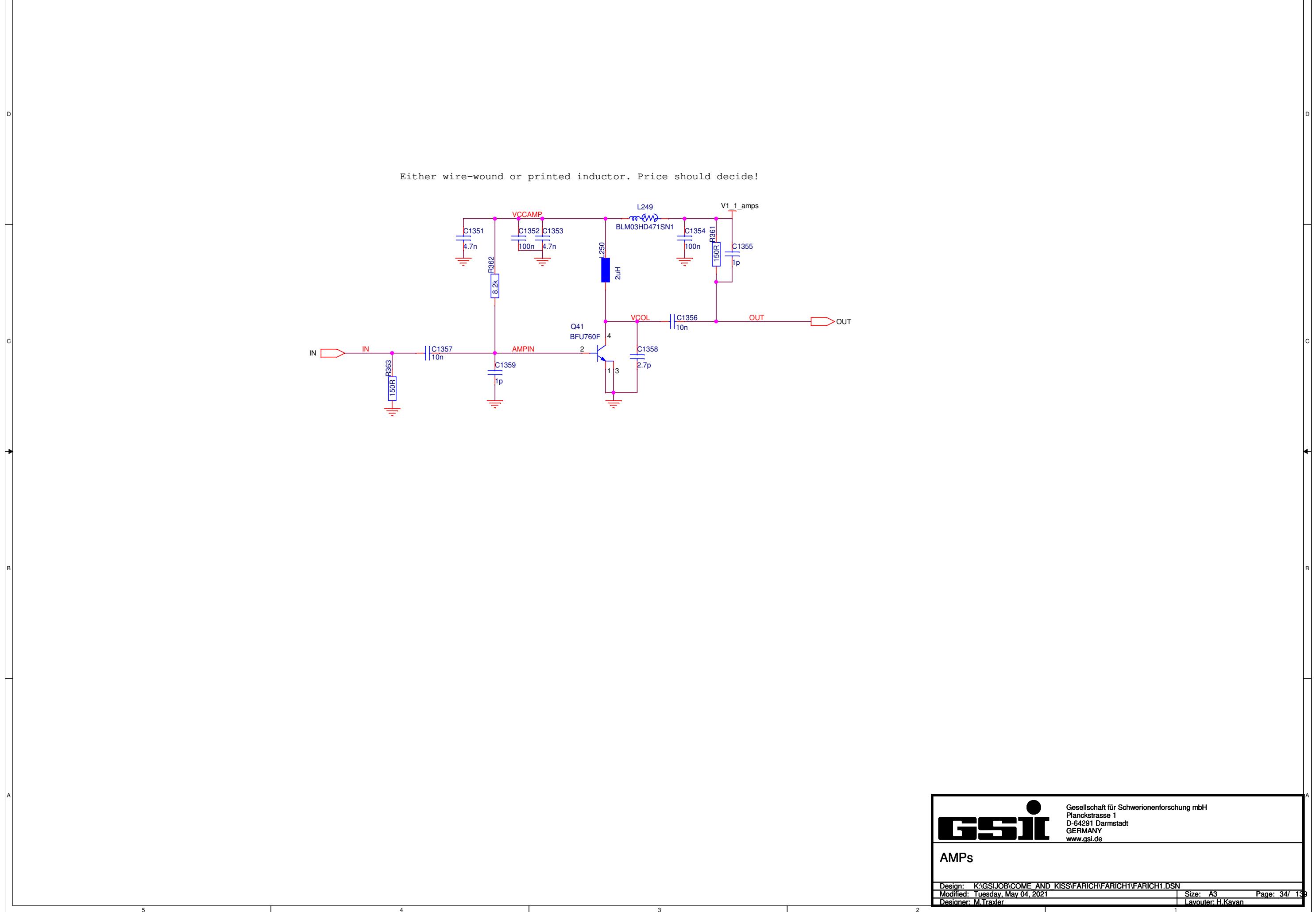


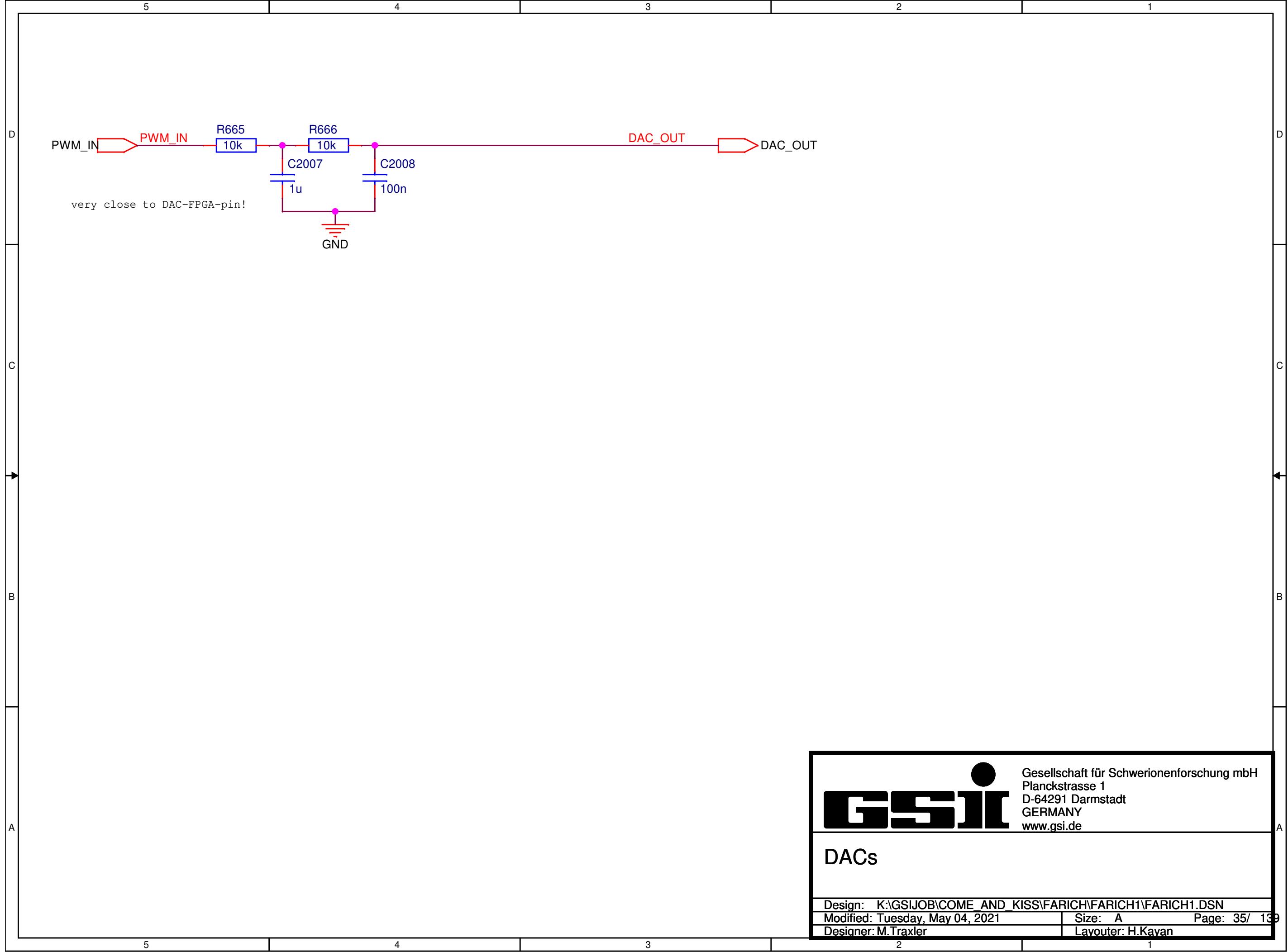


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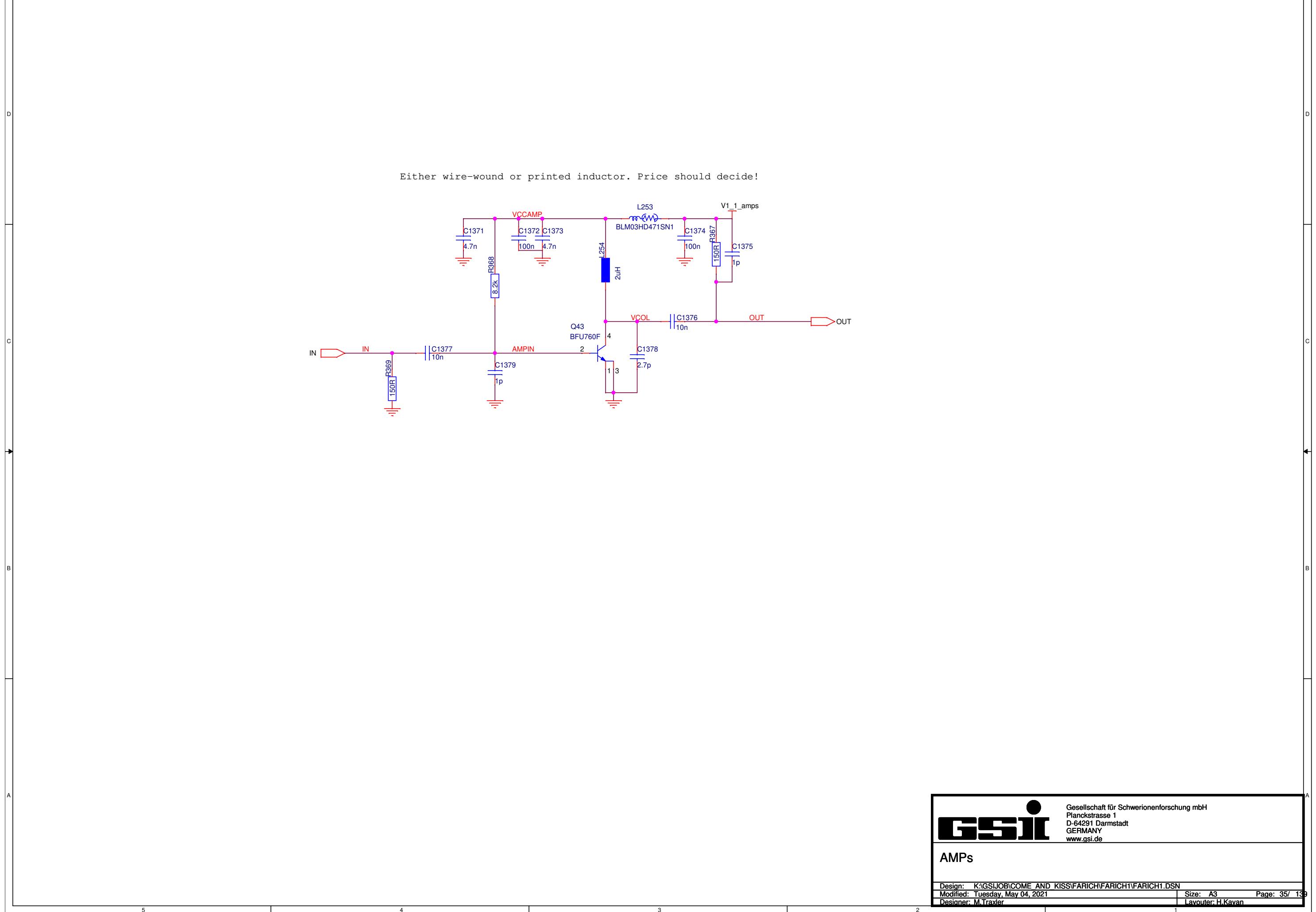


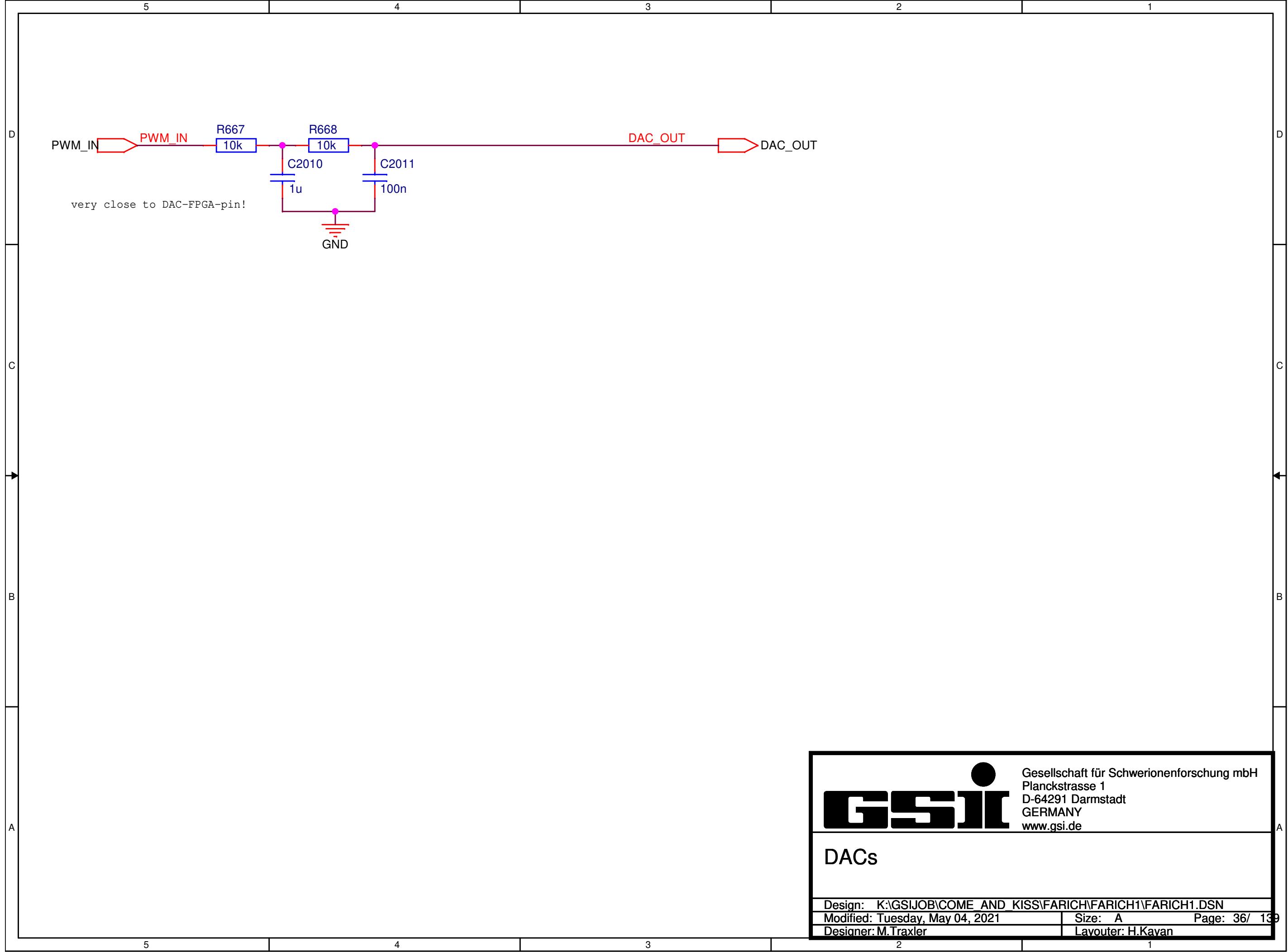


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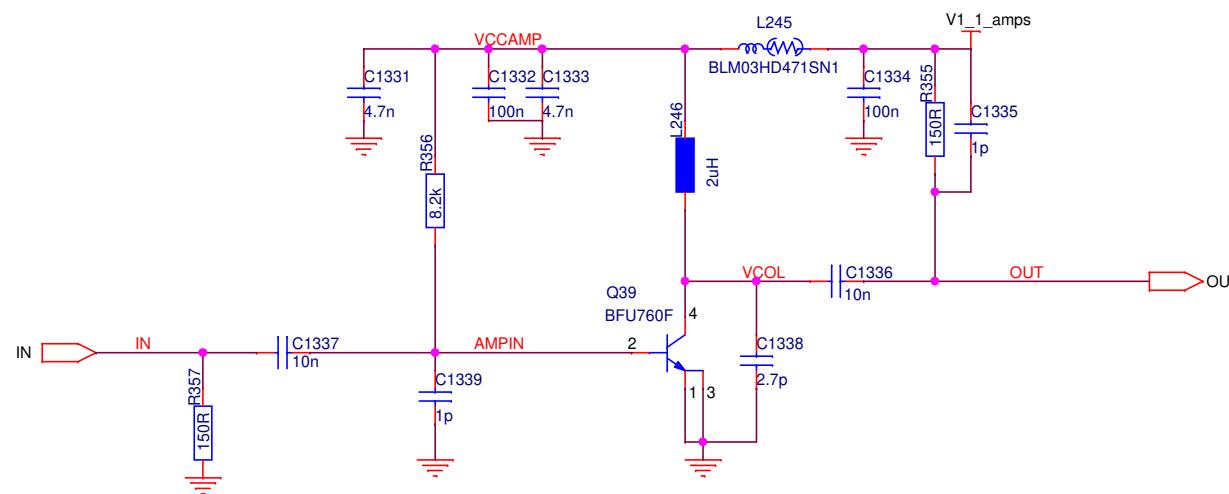
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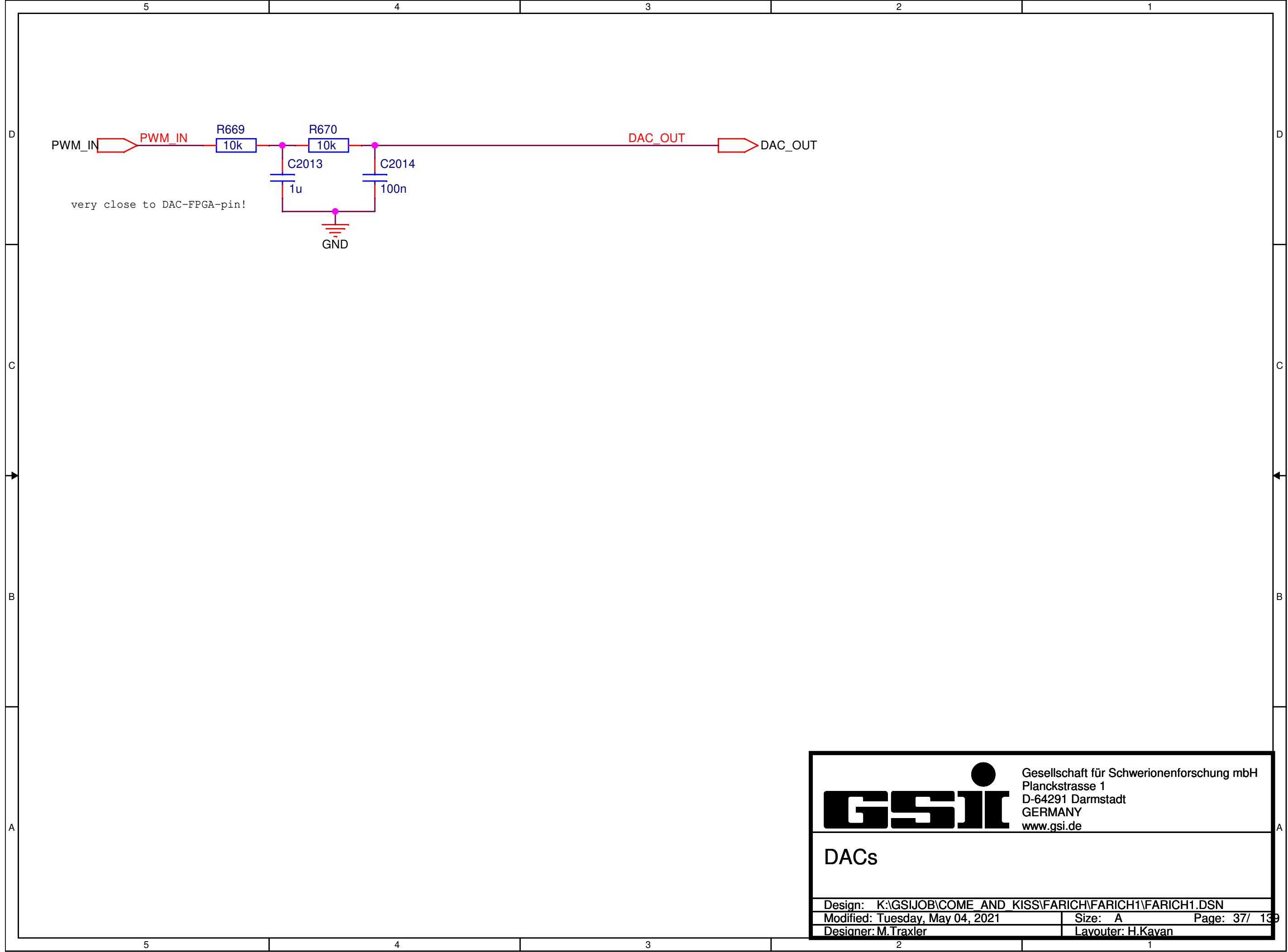
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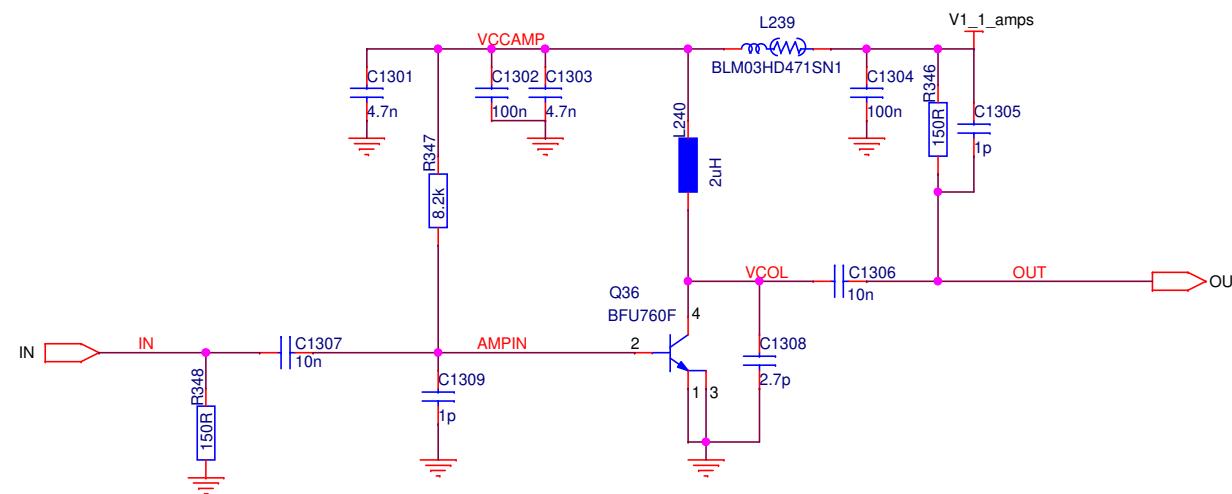
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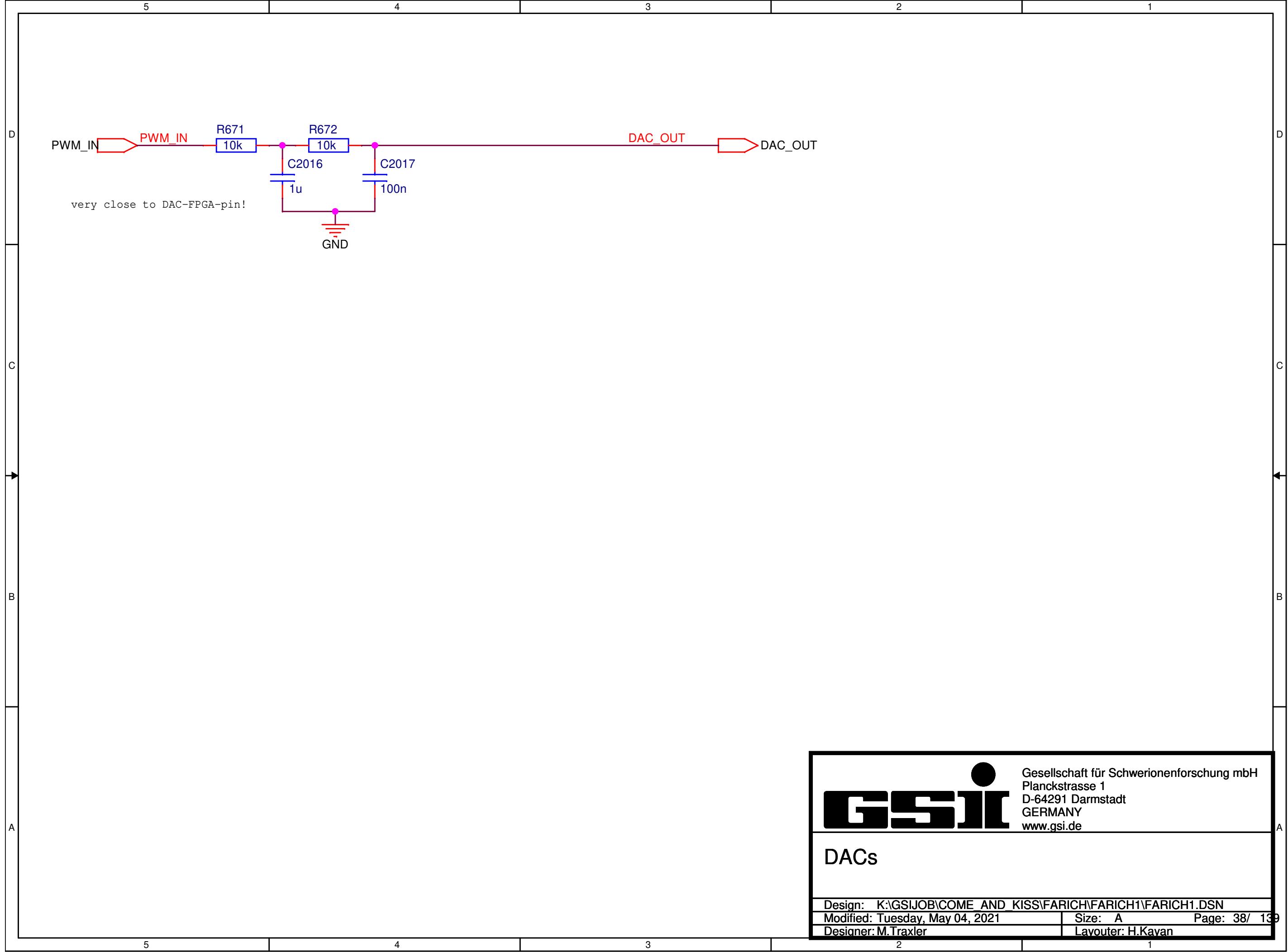
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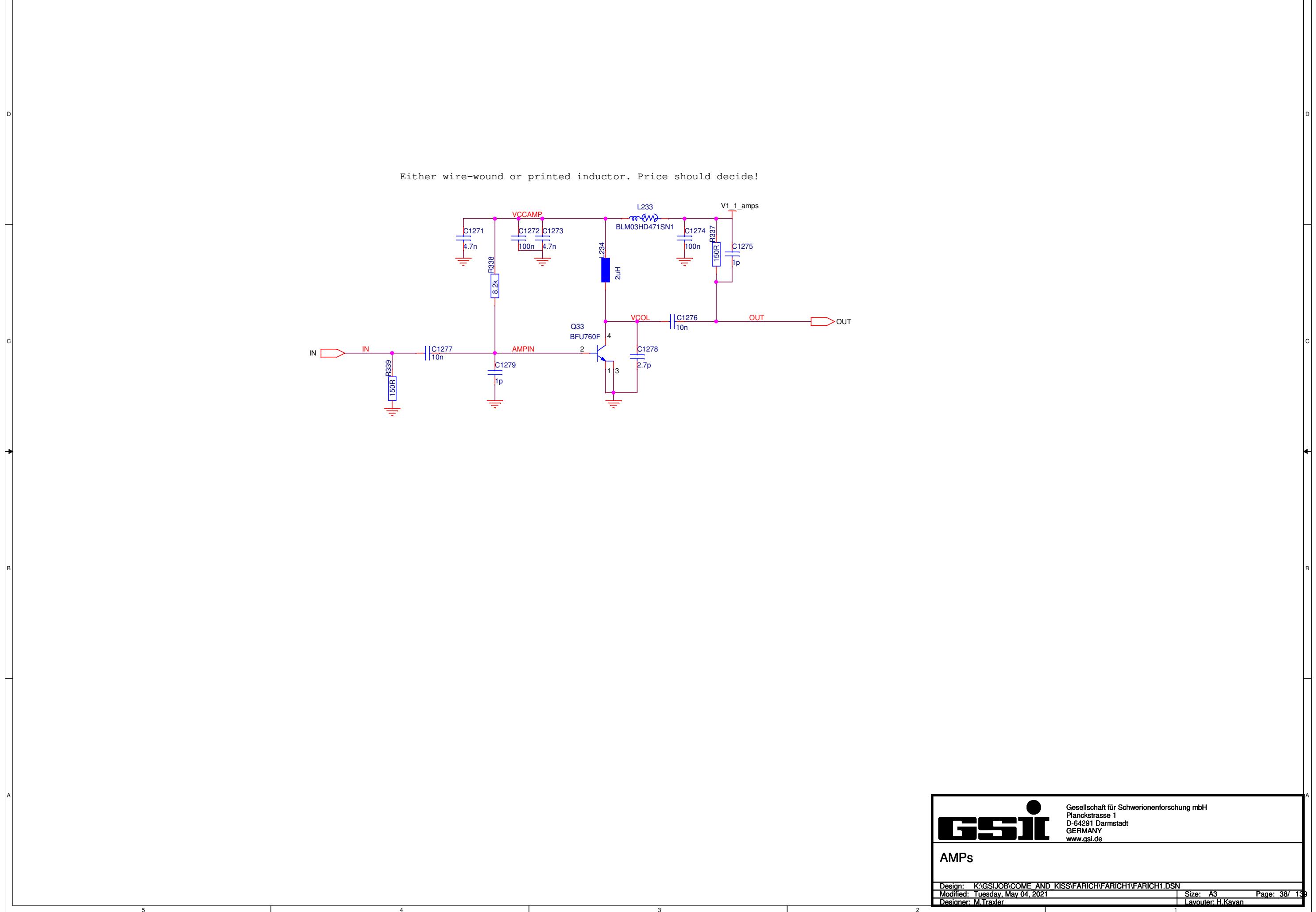


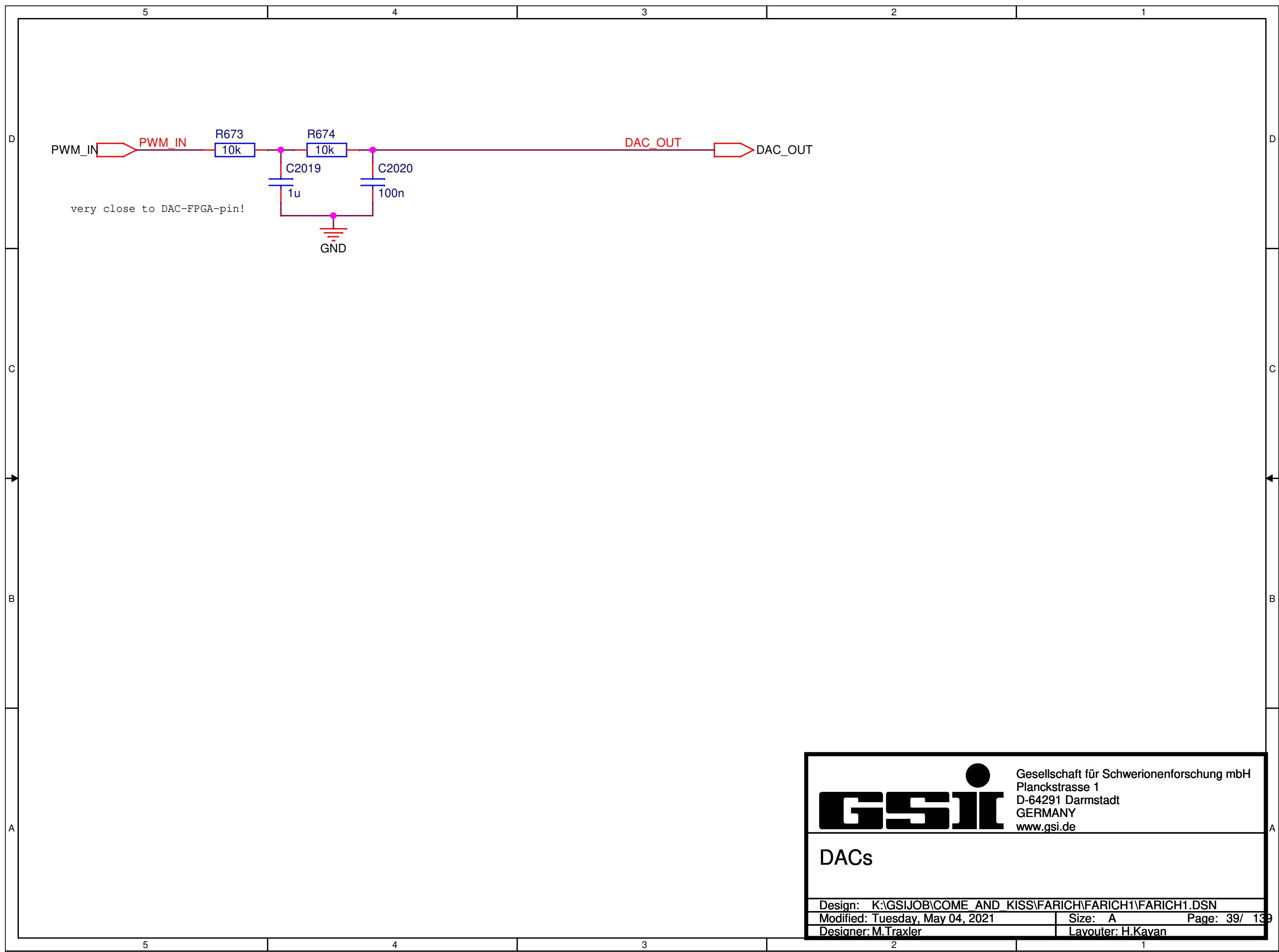


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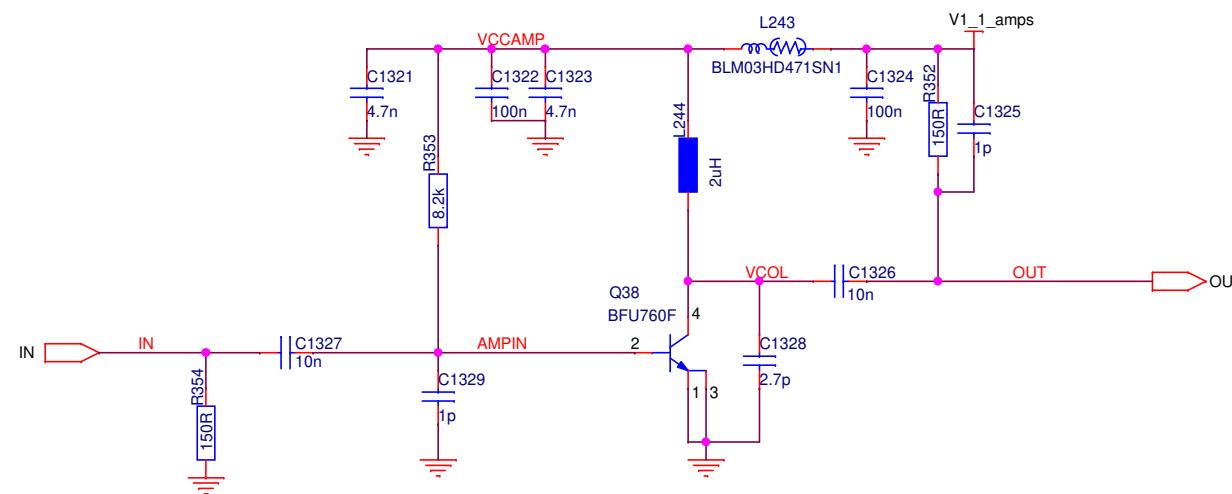
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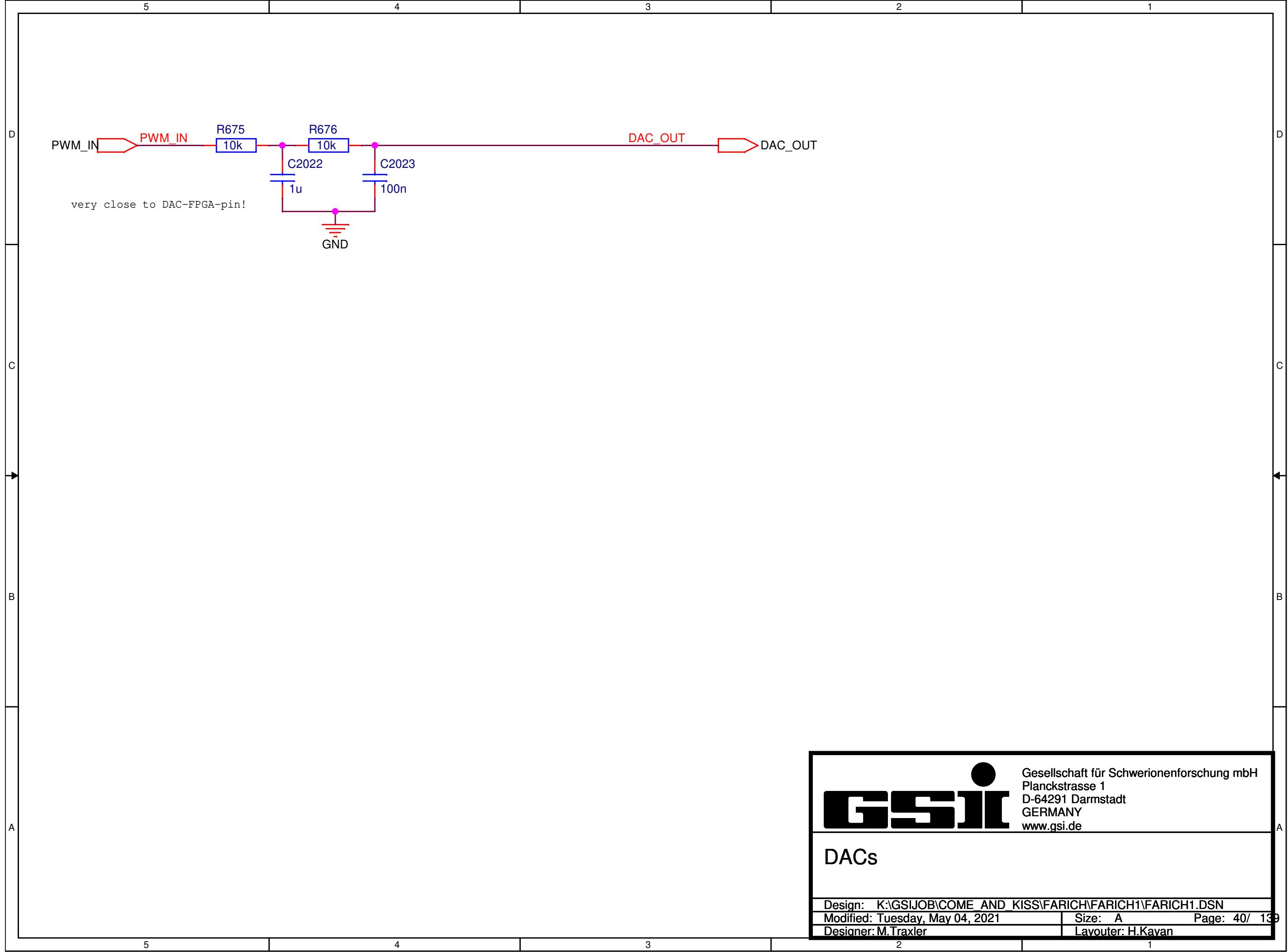
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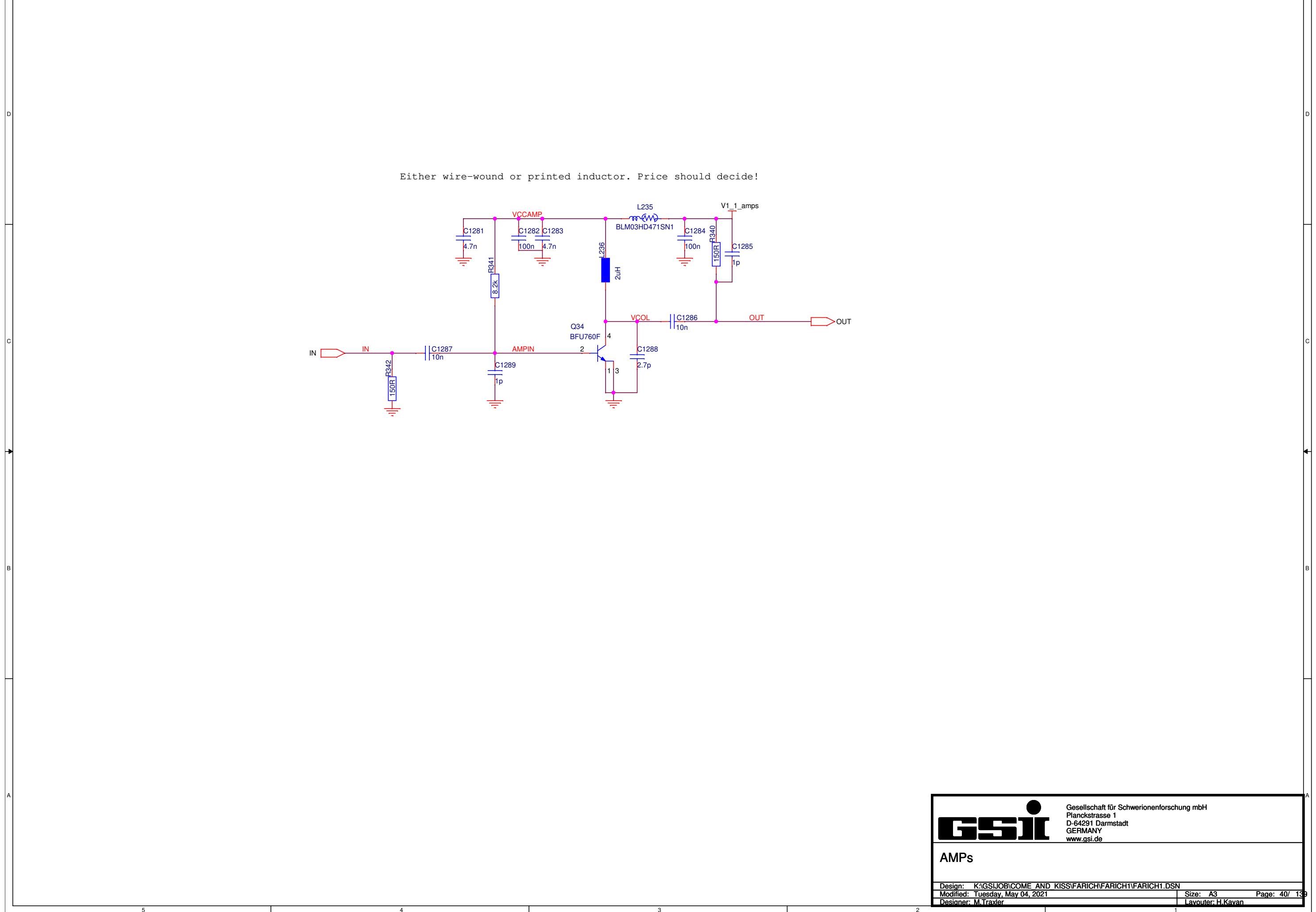


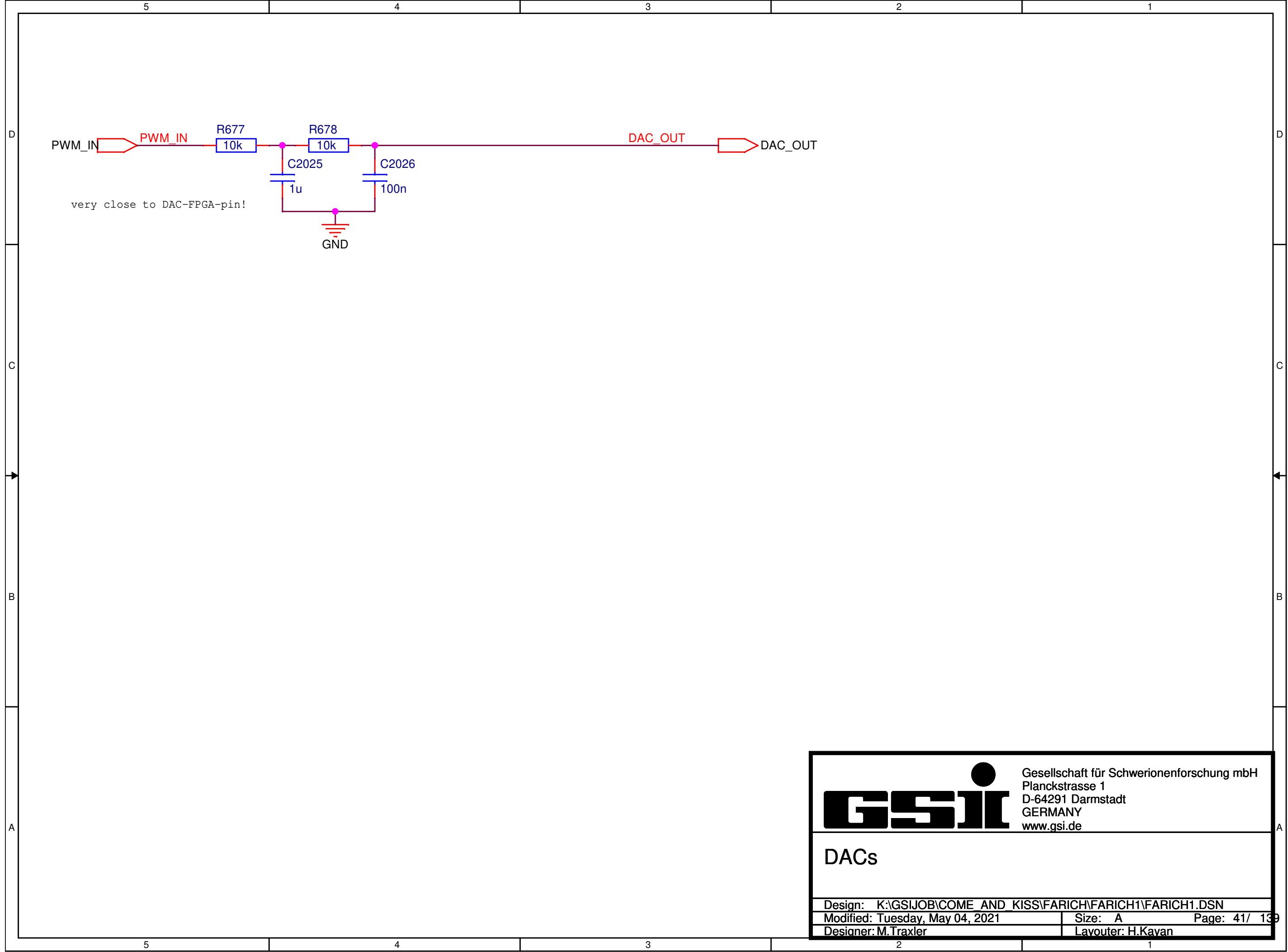


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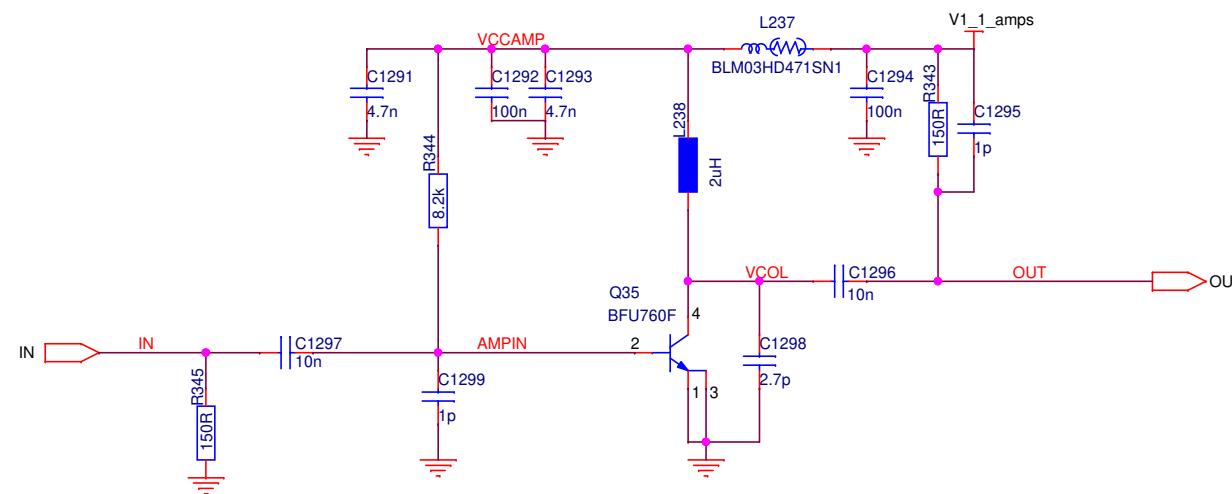
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Designer: M.Traxler	Lavouter: H.Kayan		

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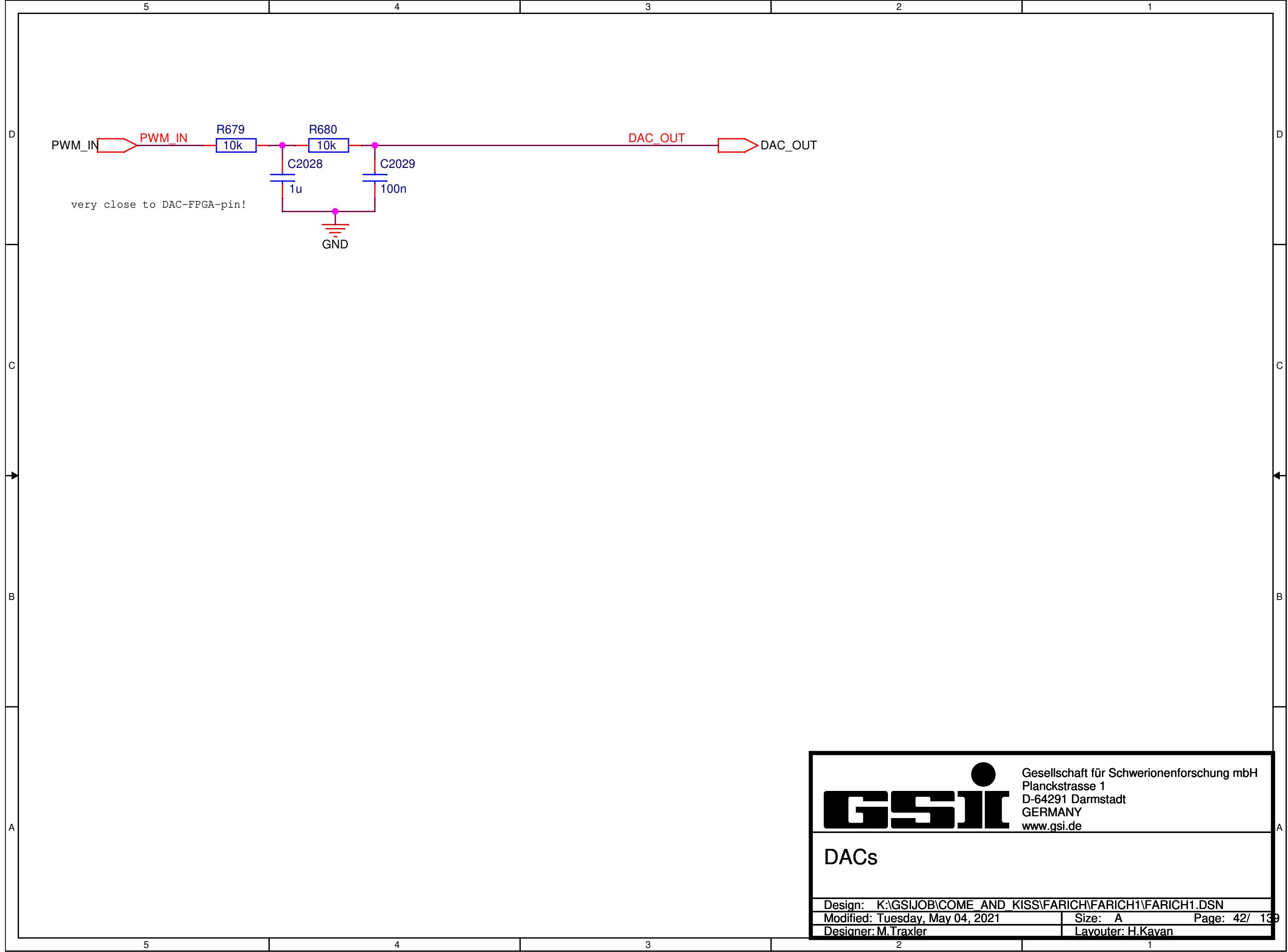
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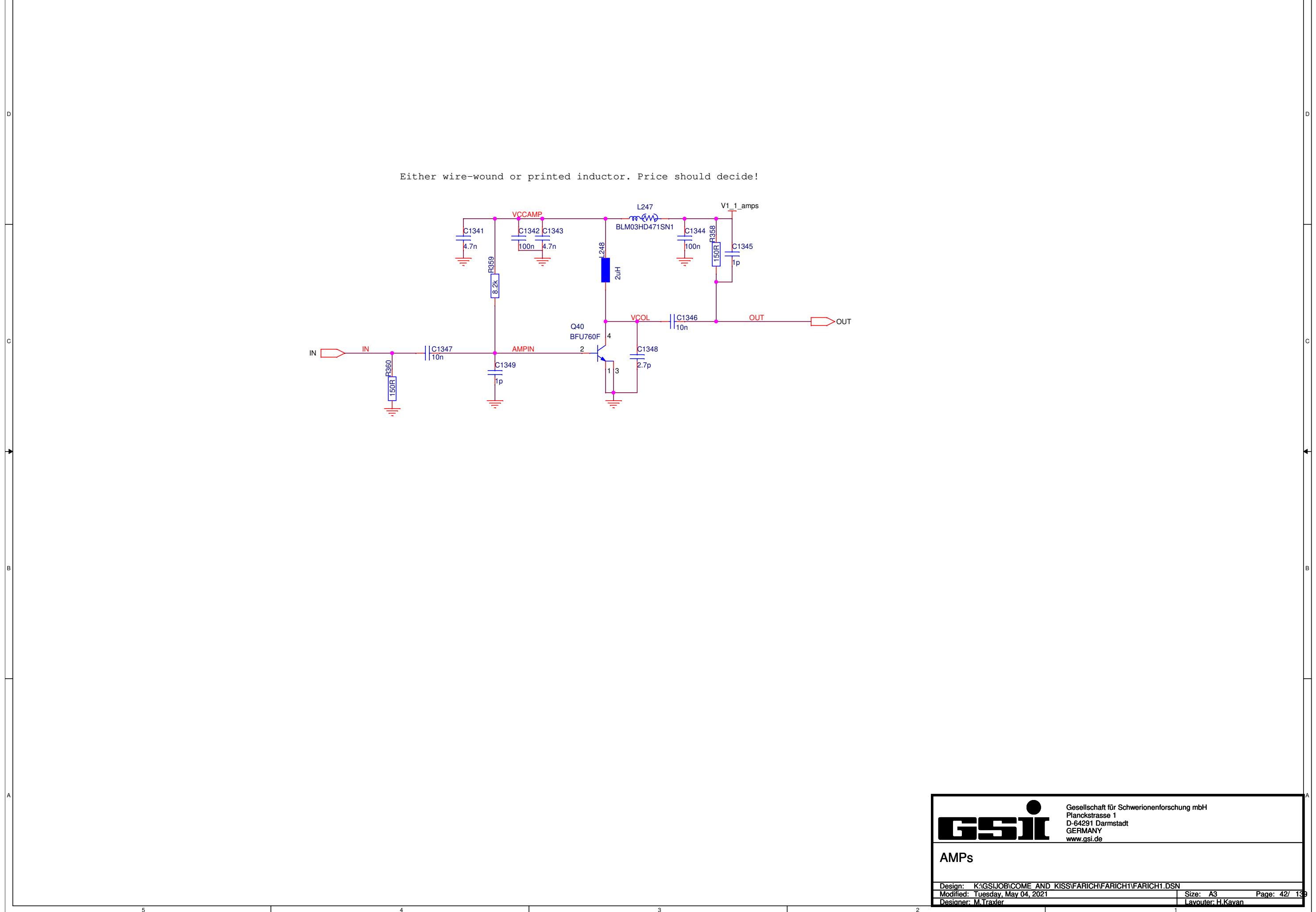


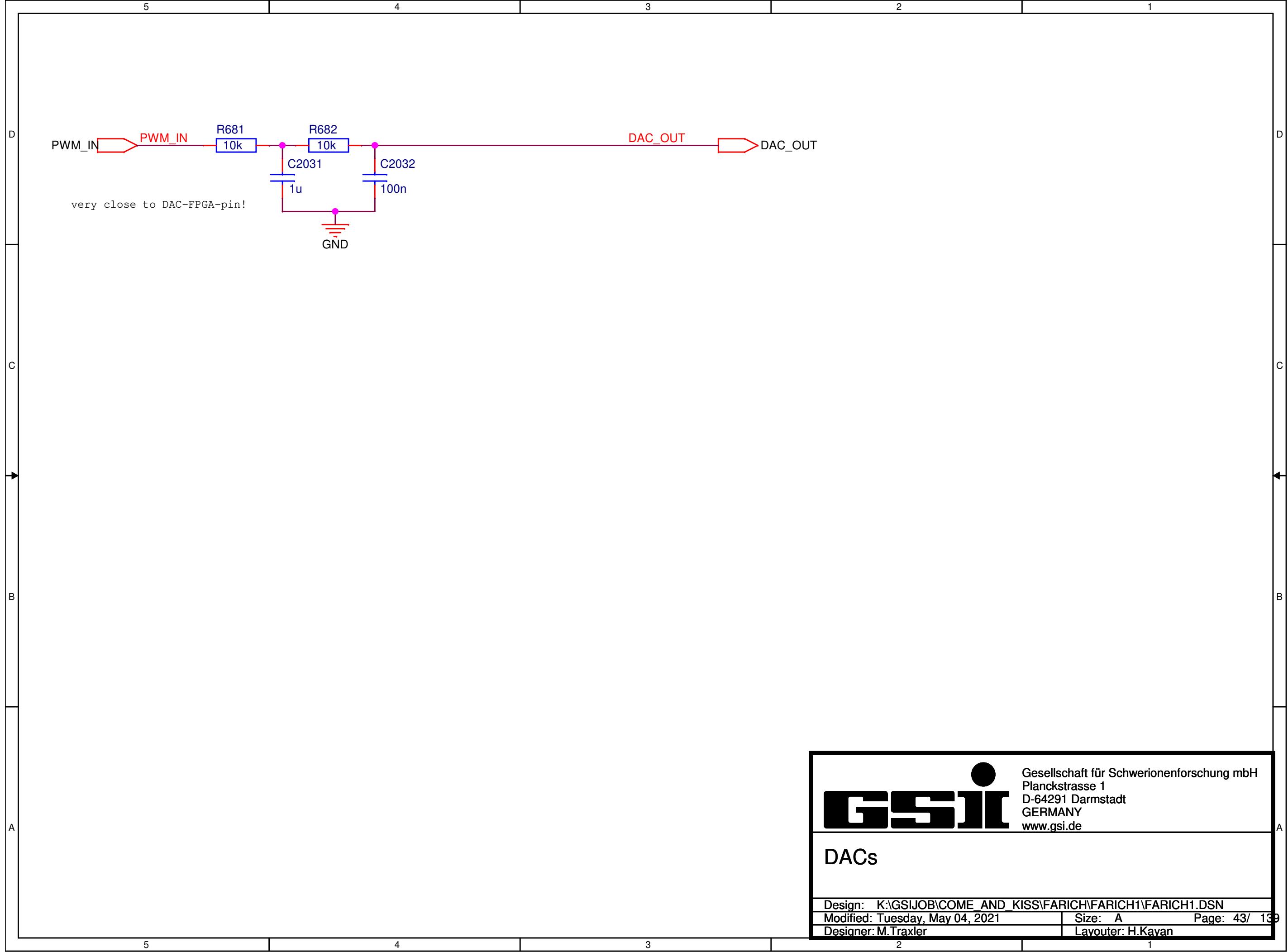


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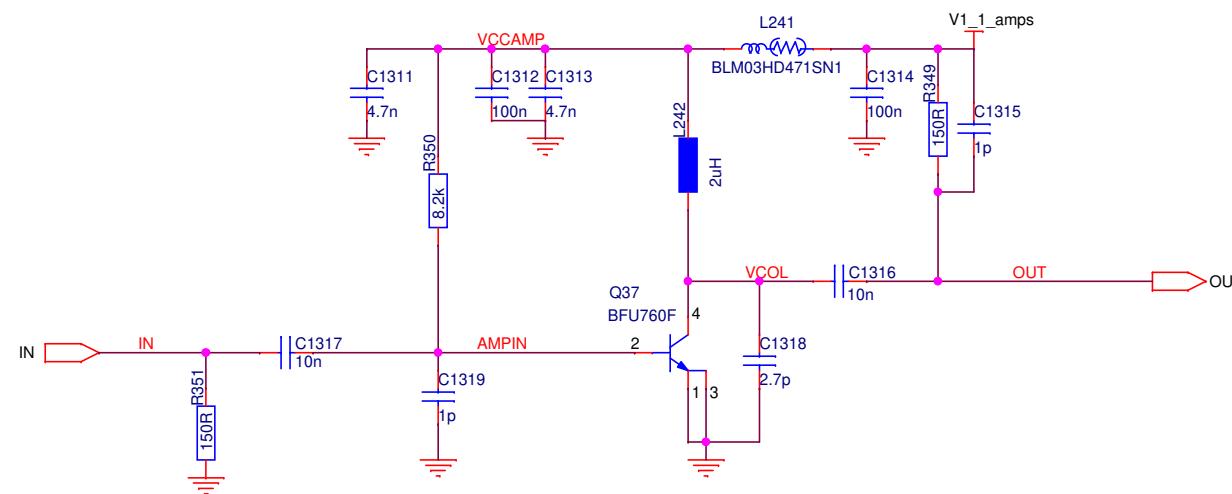


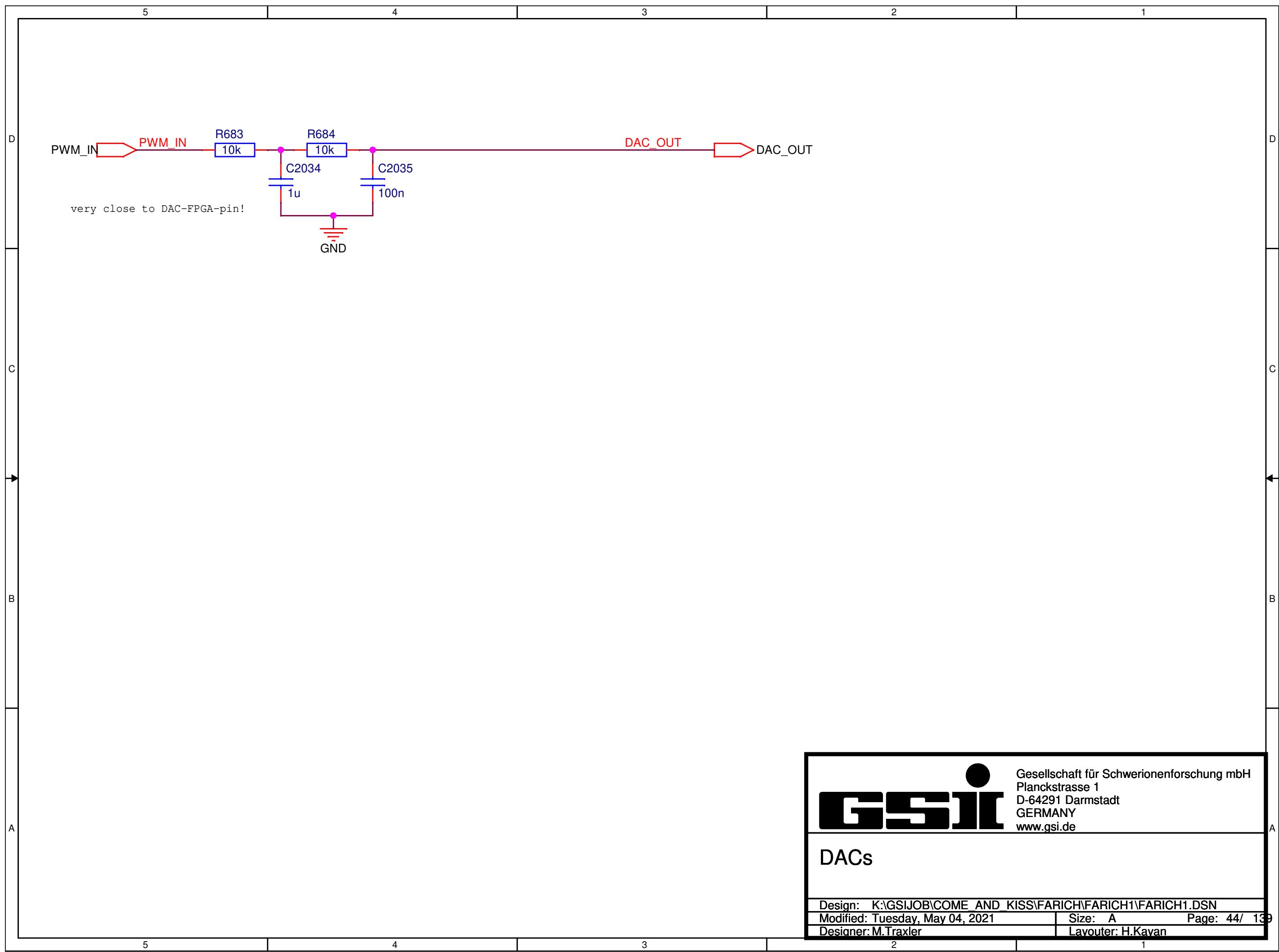
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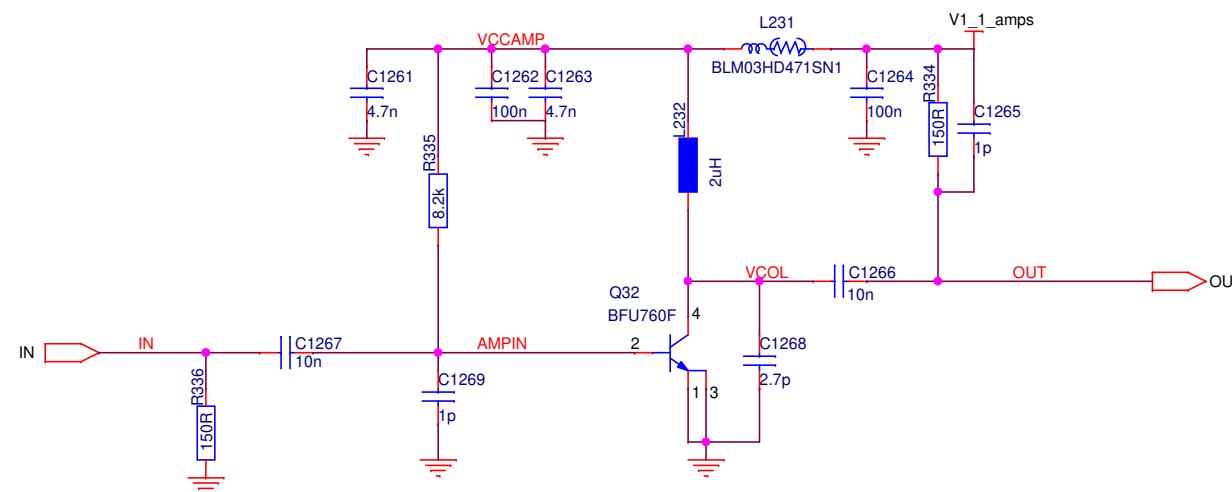
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Designer: M.Traxler	Lavouter: H.Kayan		

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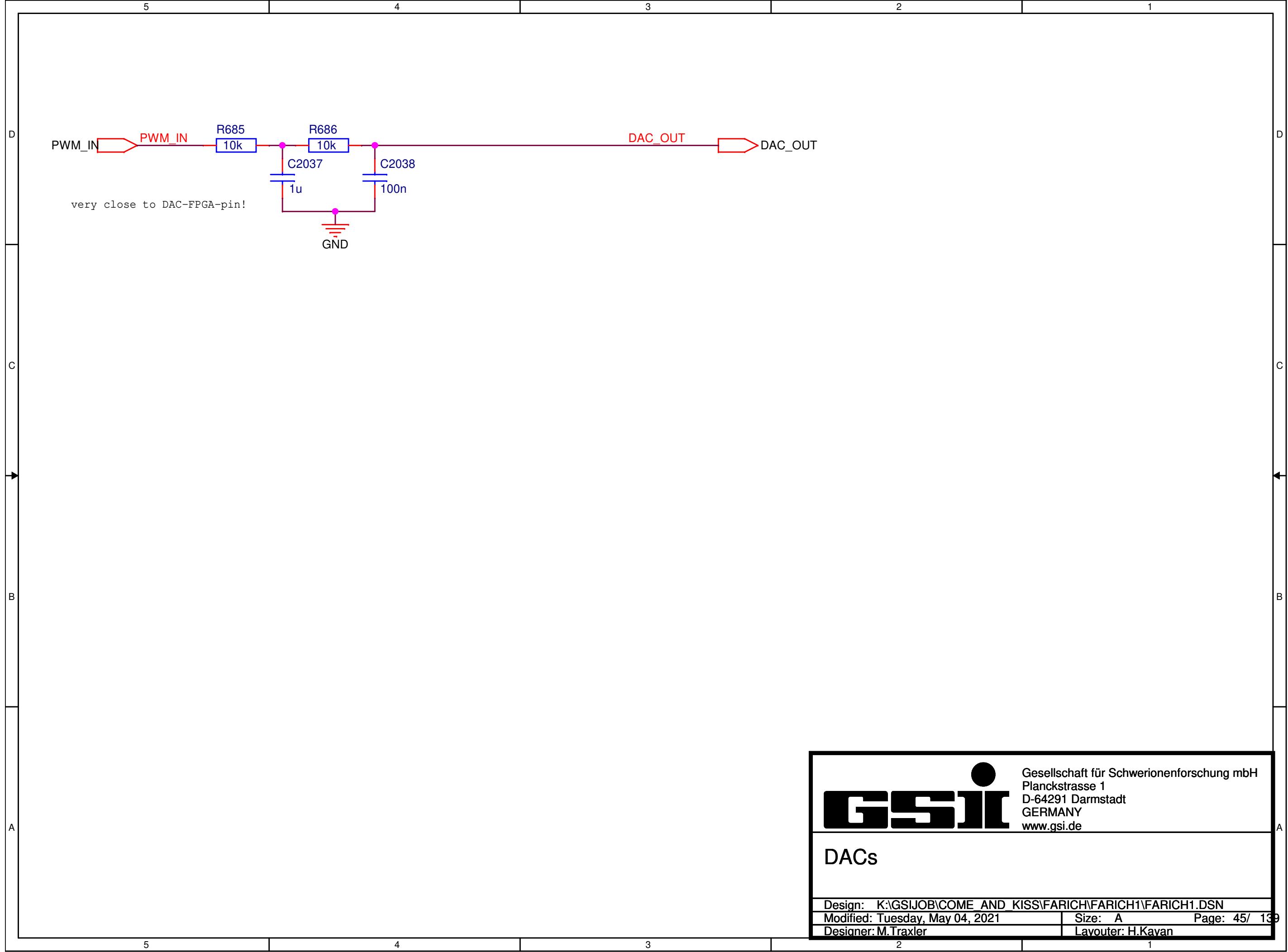
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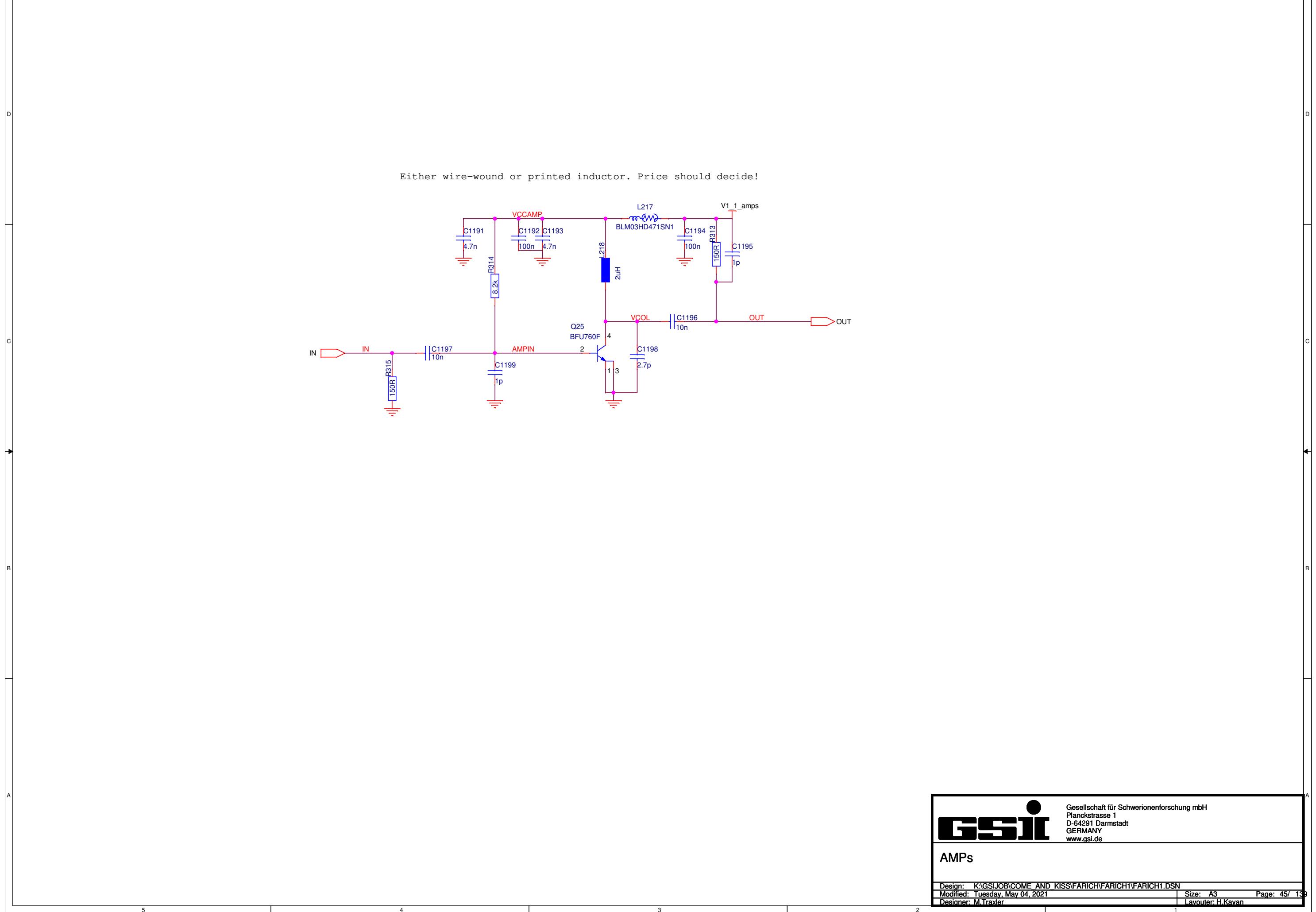


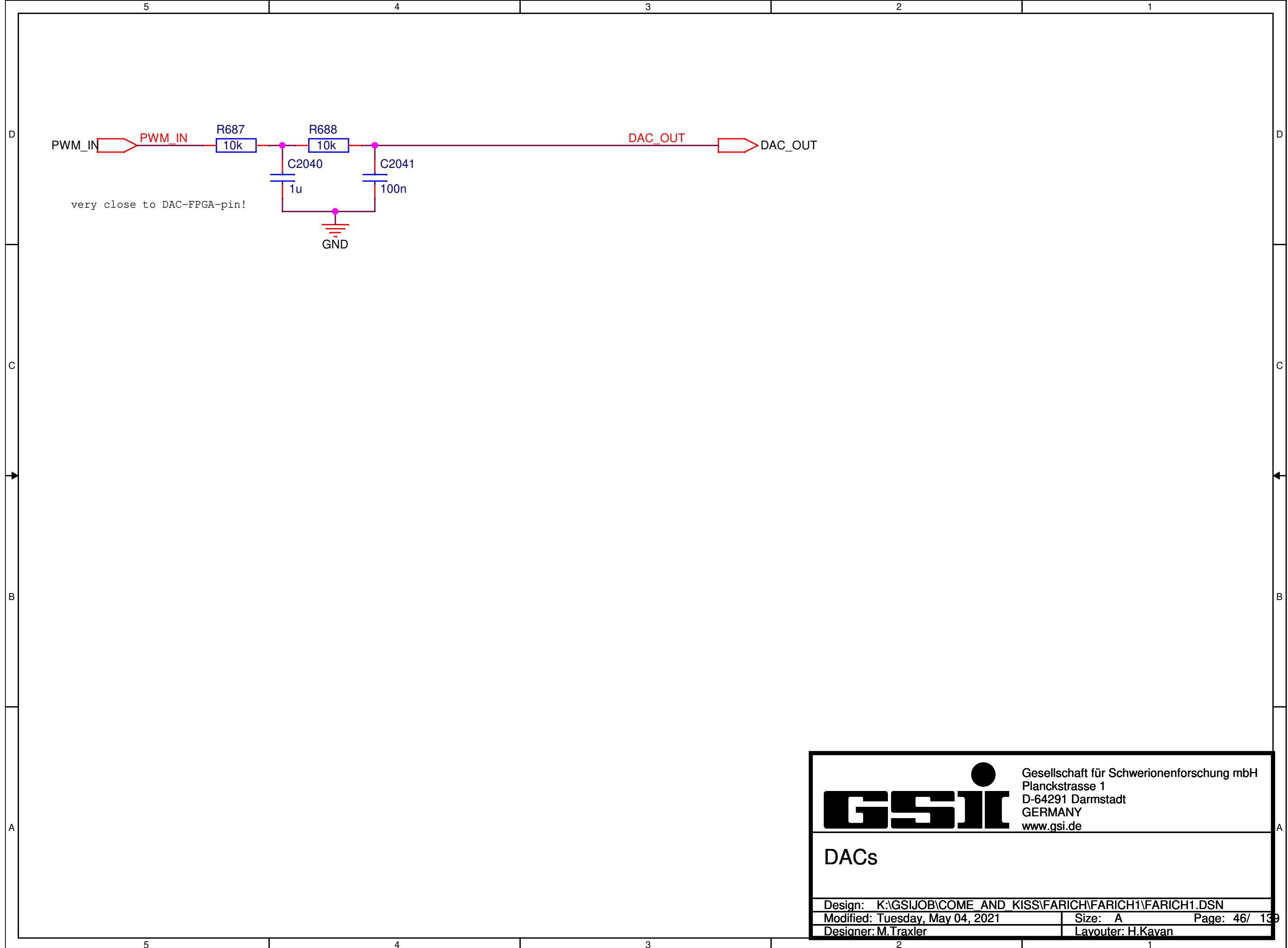


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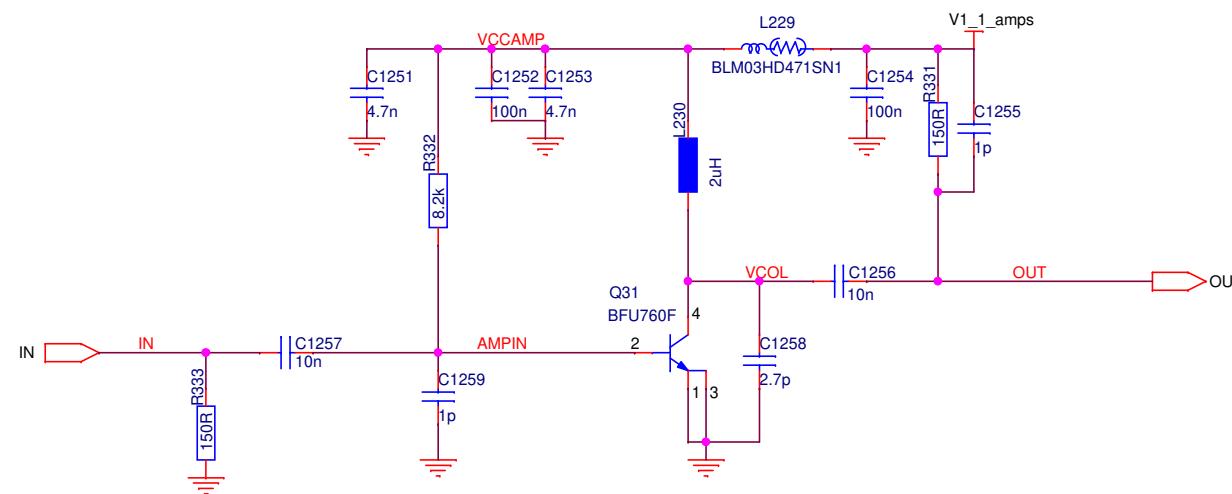
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Designer: M.Traxler	Lavouter: H.Kayan		

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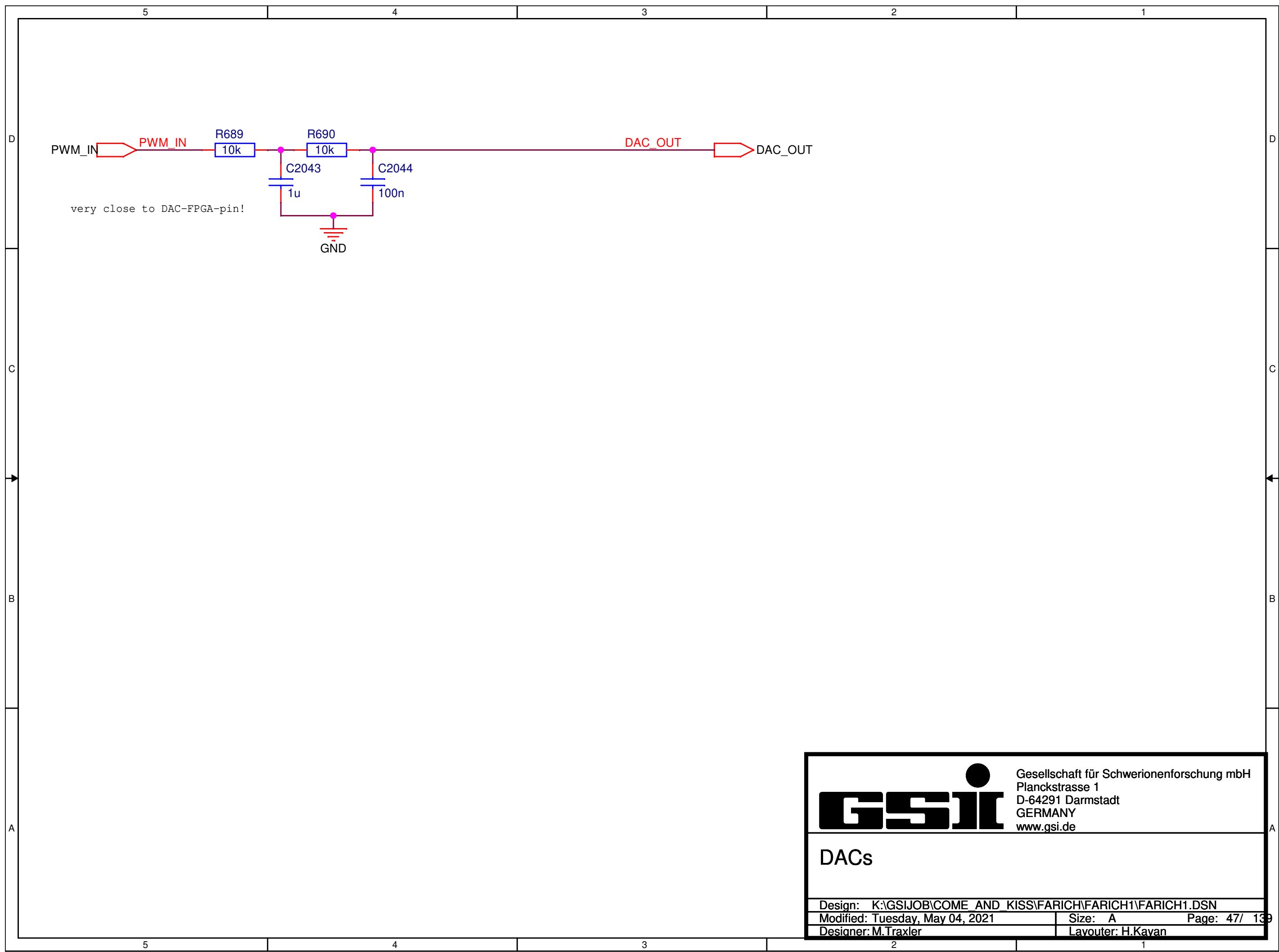
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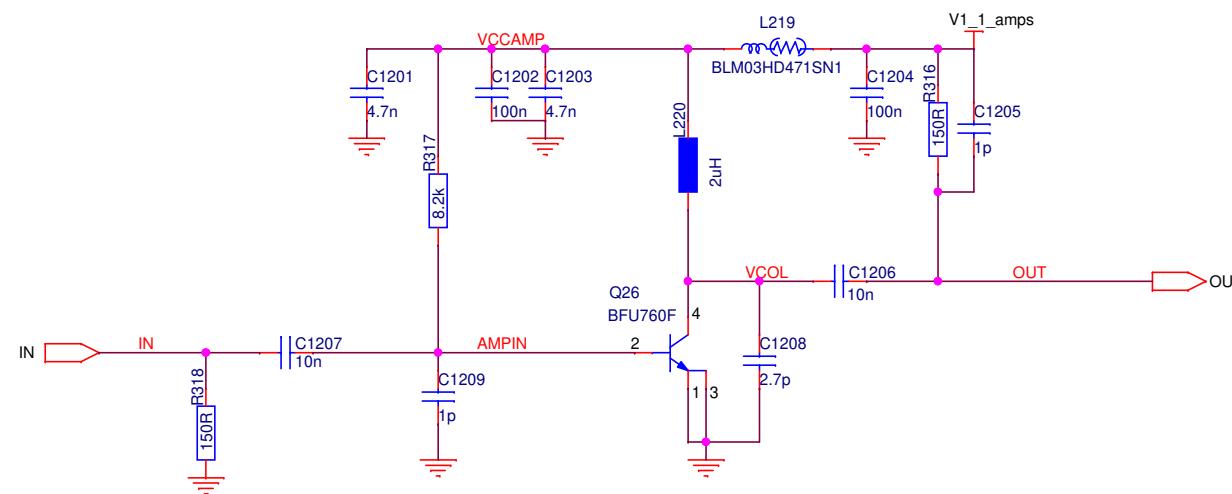
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Designer: M.Traxler	Lavouter: H.Kayan		

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Either wire-wound or printed inductor. Price should decide!



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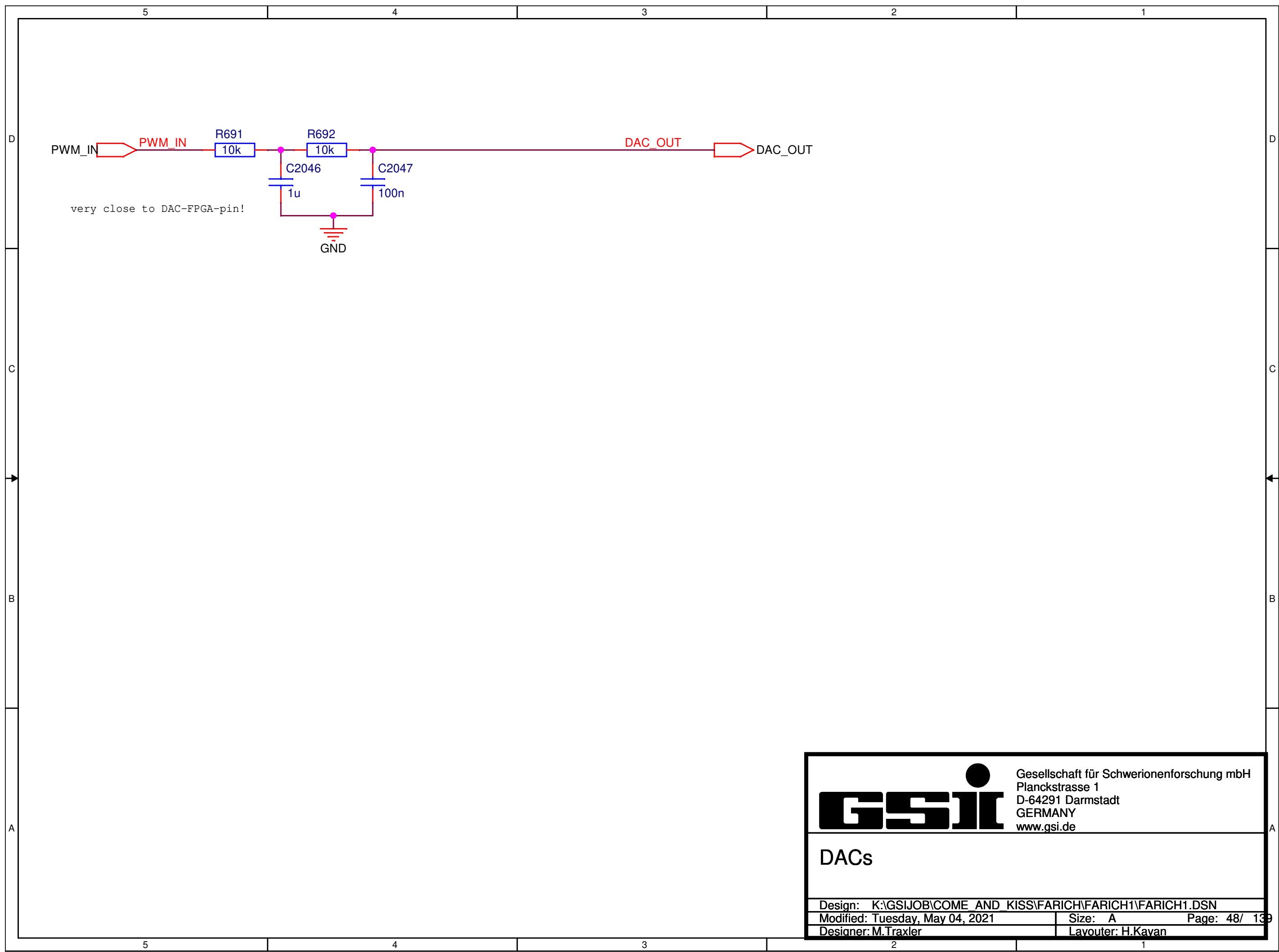
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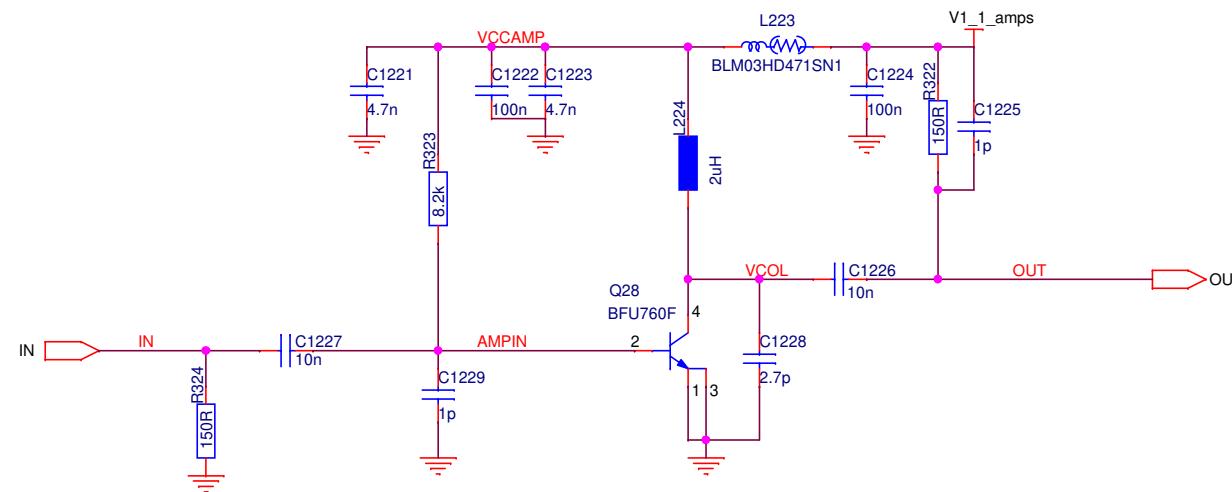
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Designer: M.Traxler	Lavouter: H.Kayan		

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Either wire-wound or printed inductor. Price should decide!



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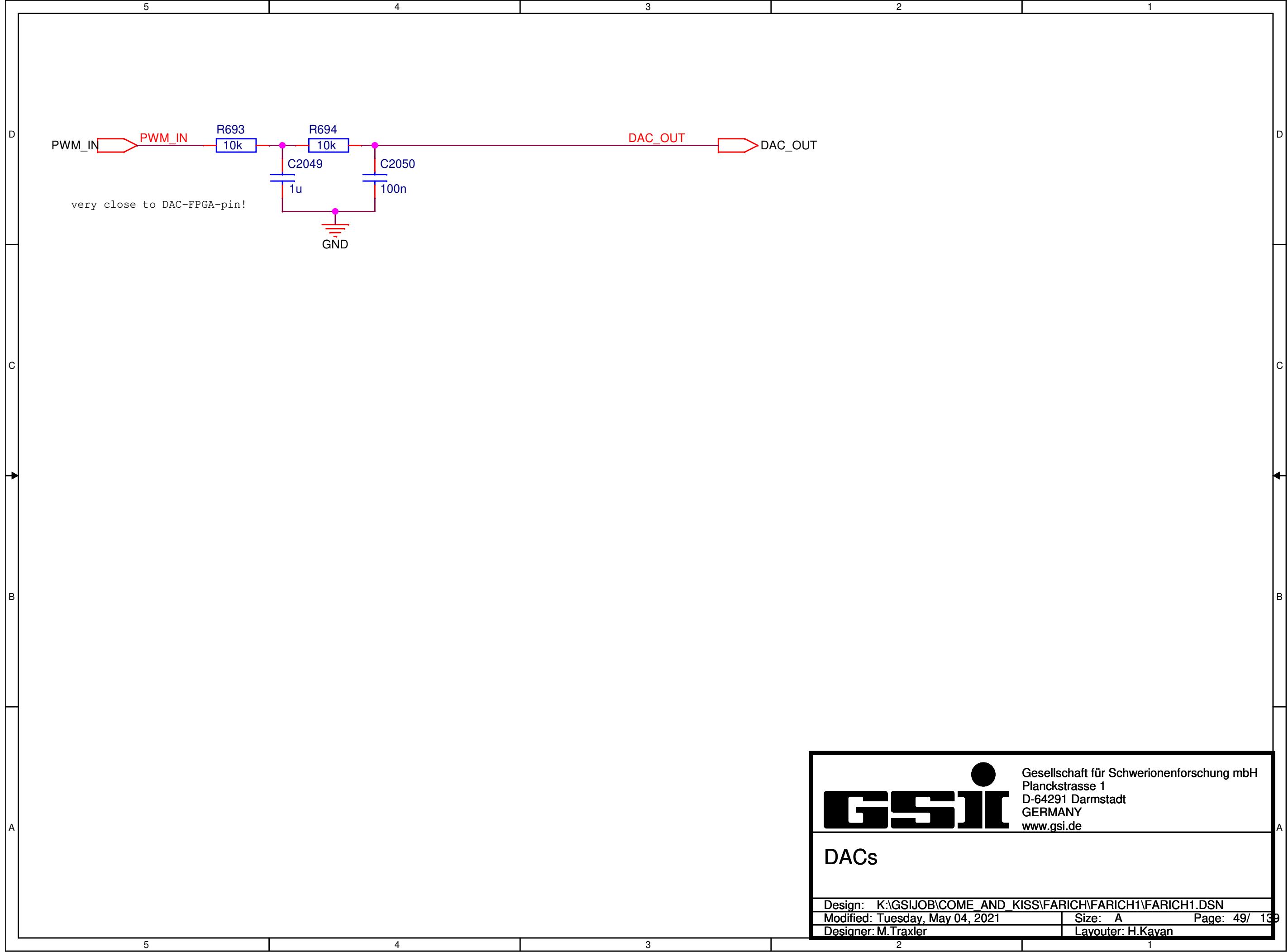
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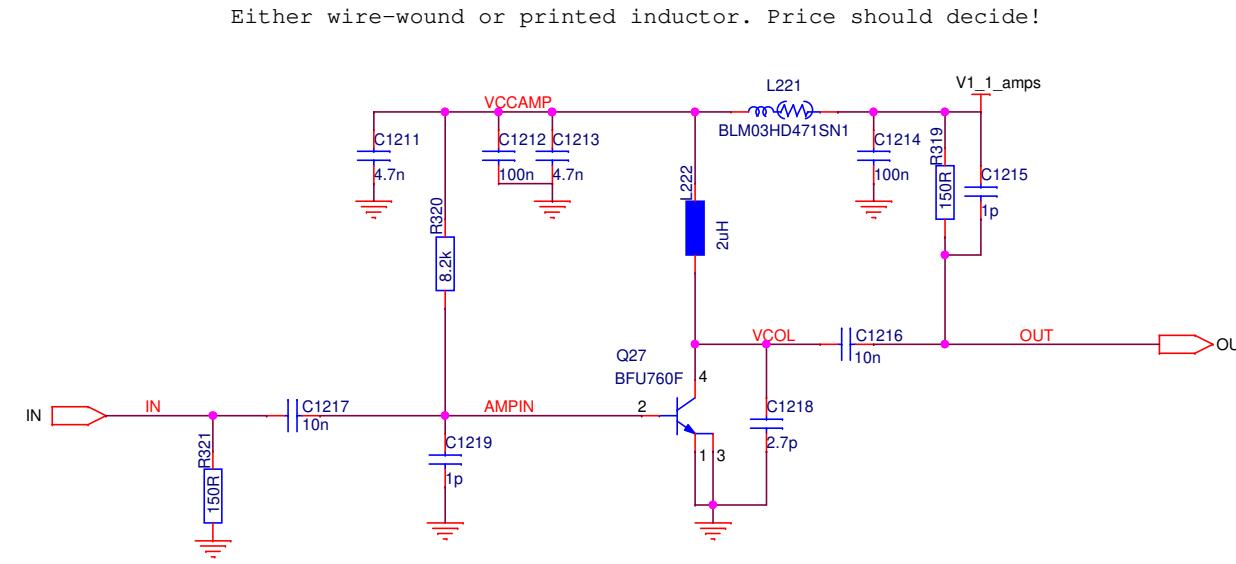




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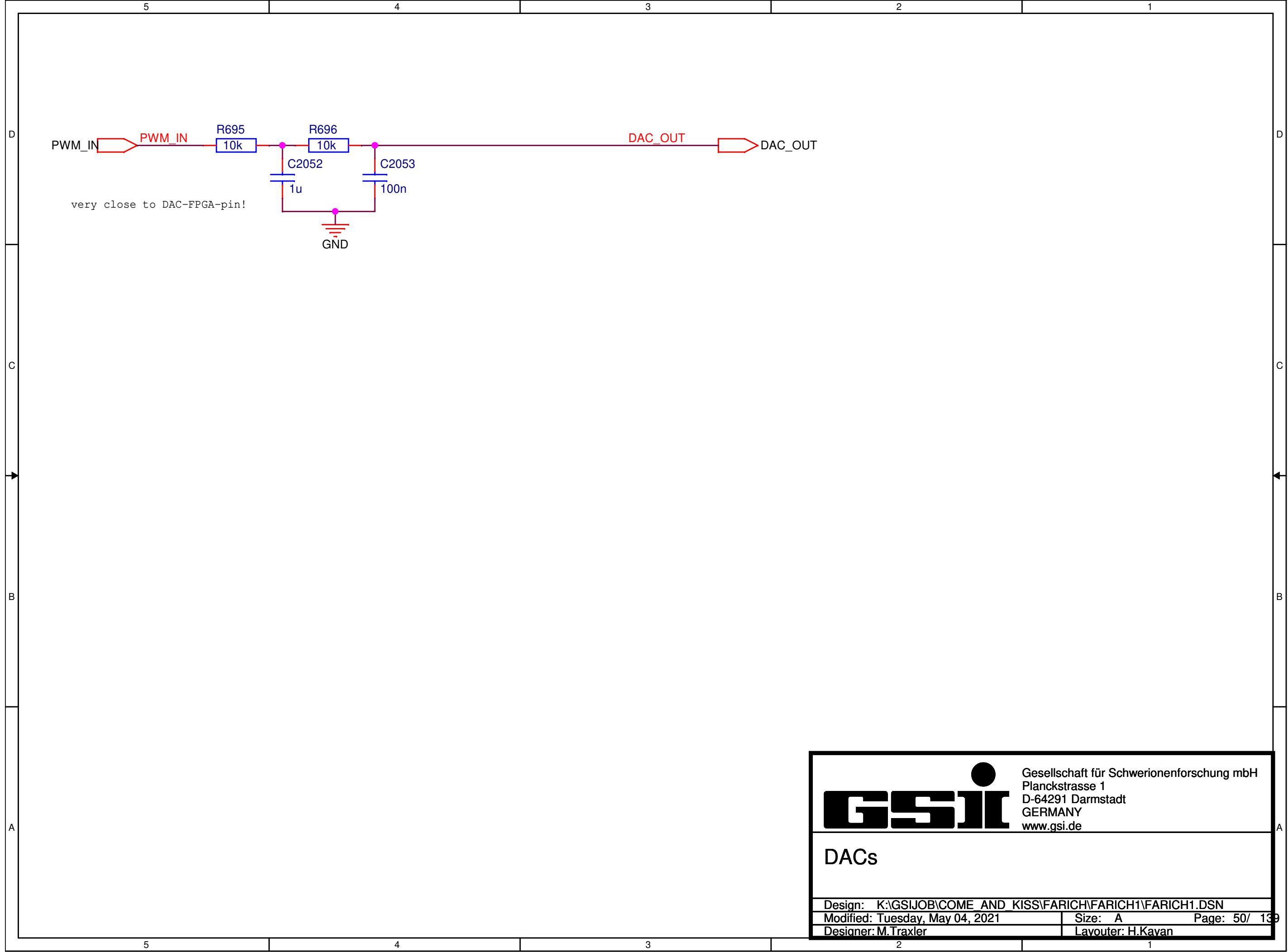
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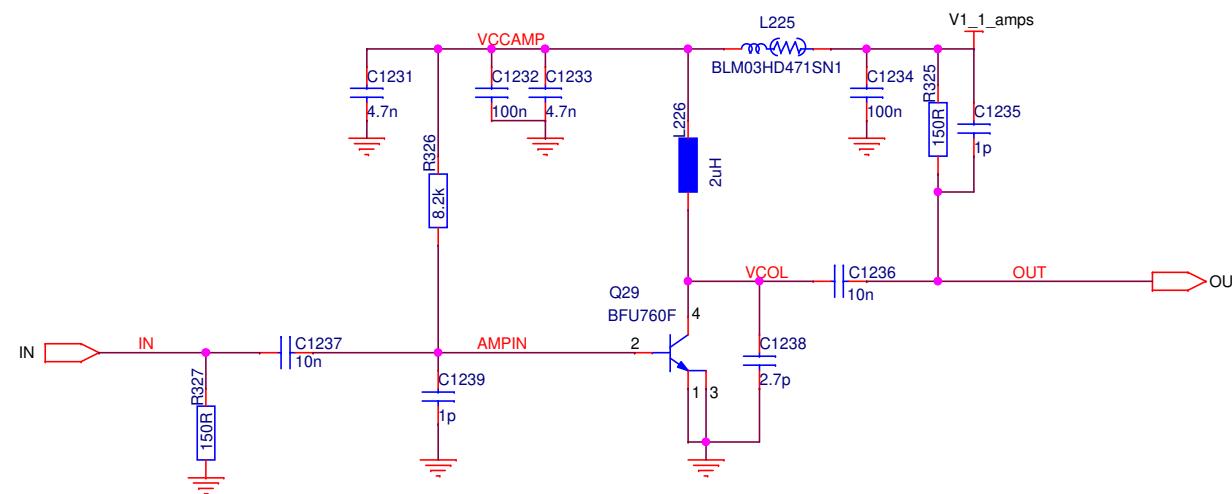
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Designer: M.Traxler	Lavouter: H.Kayan		

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Either wire-wound or printed inductor. Price should decide!



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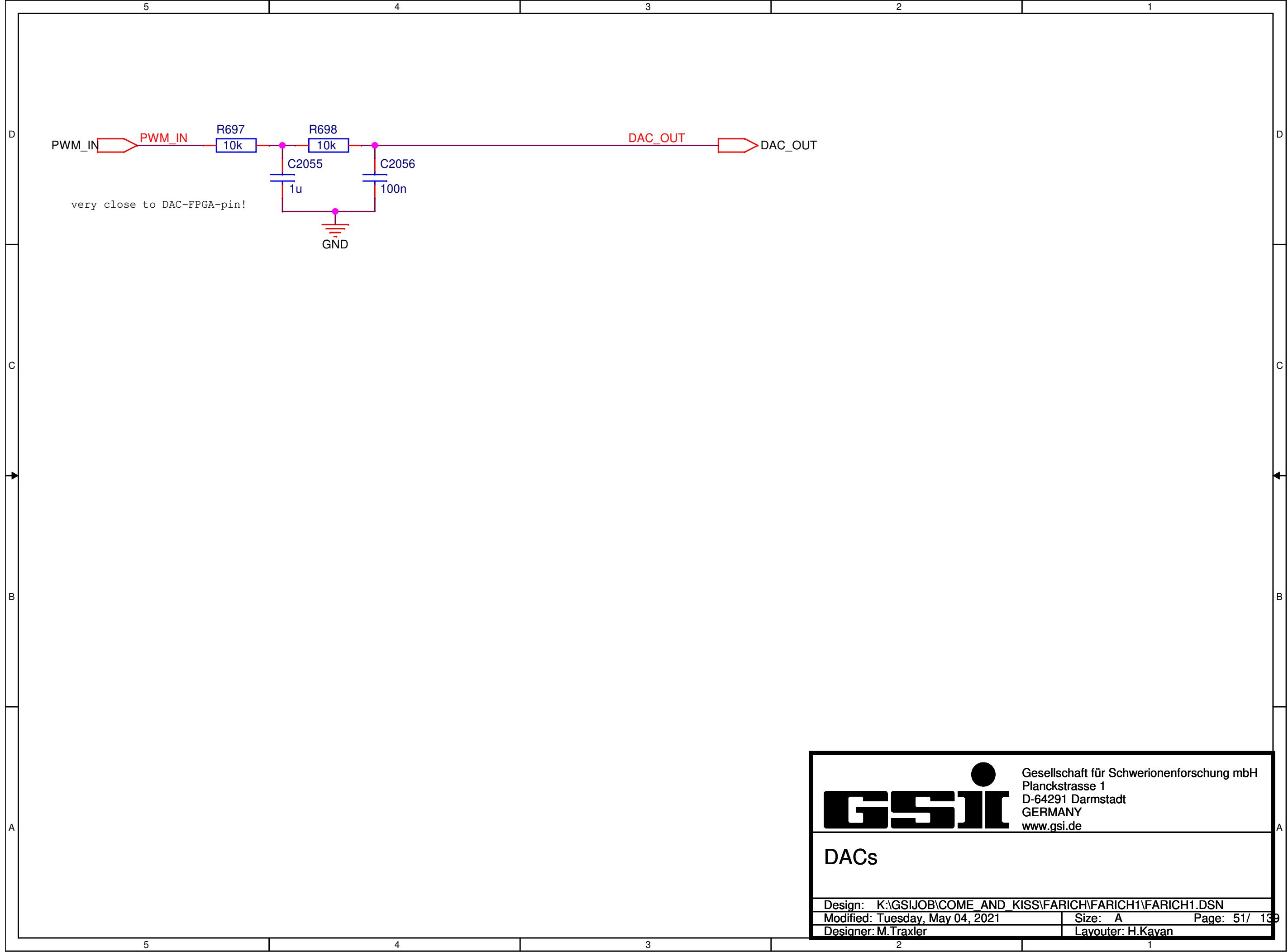
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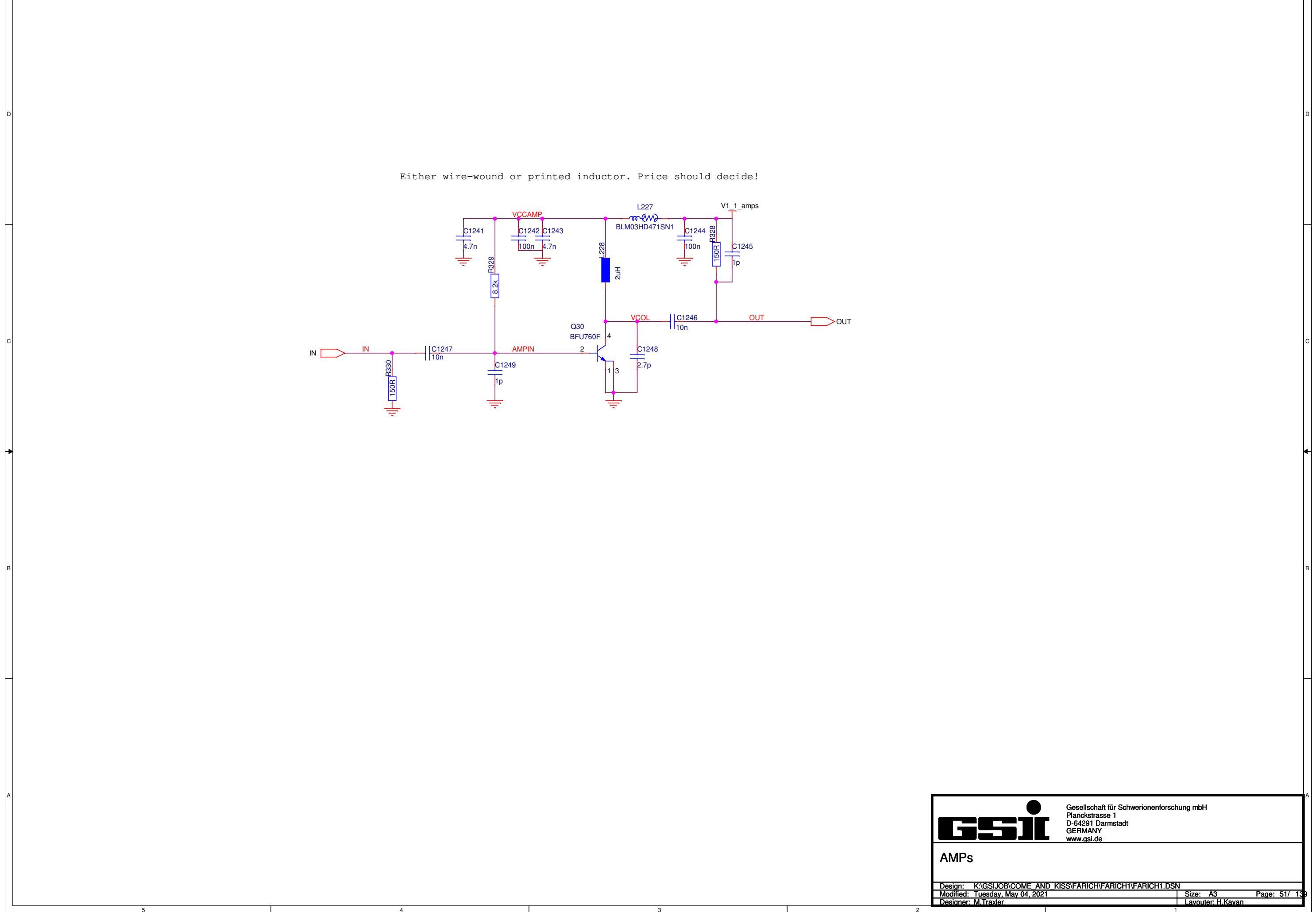


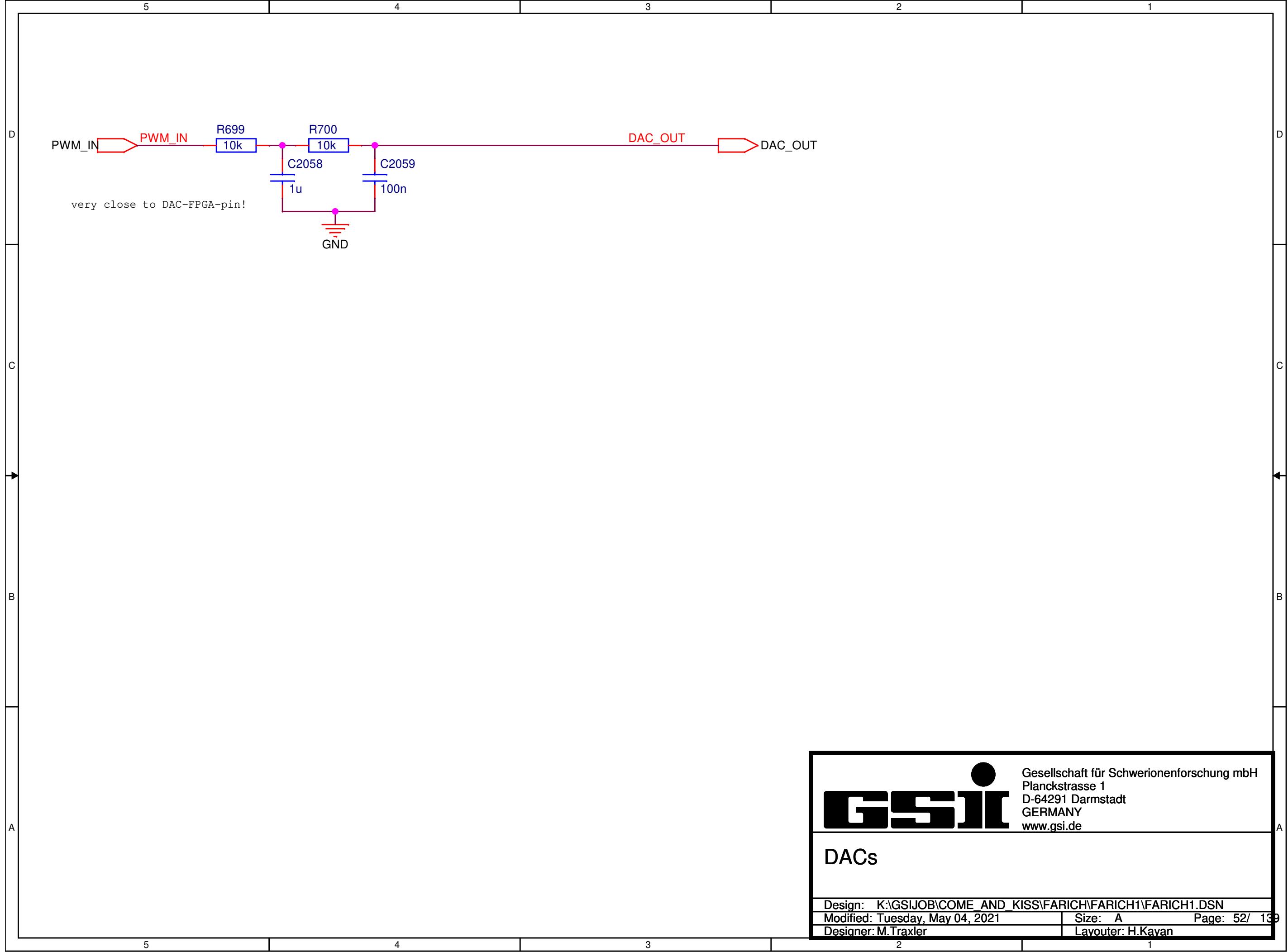


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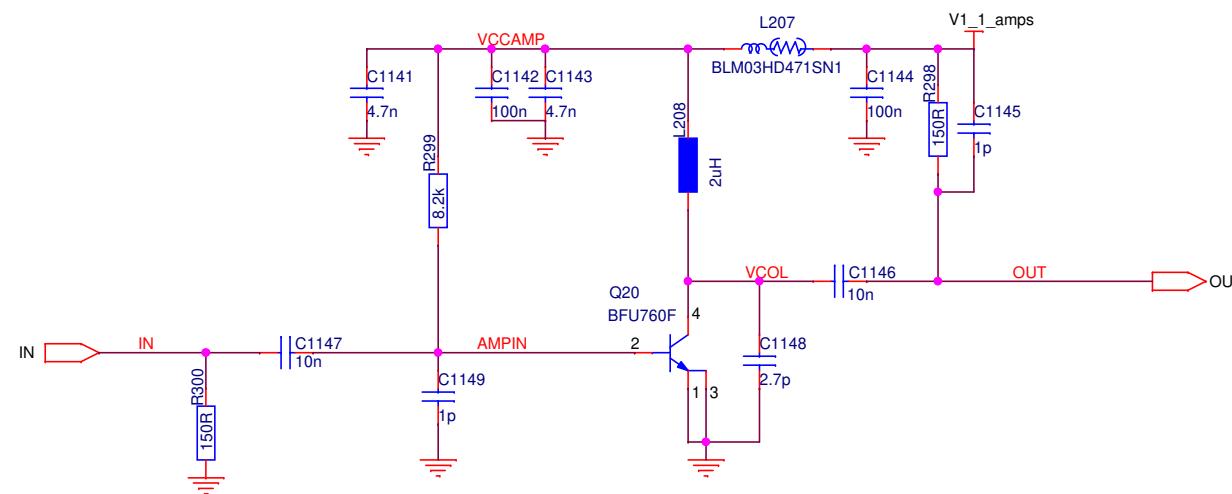


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Modified: Tuesday, May 04, 2021	Page: 52/ 139
Designer: M.Traxler	Lavouter: H.Kayan

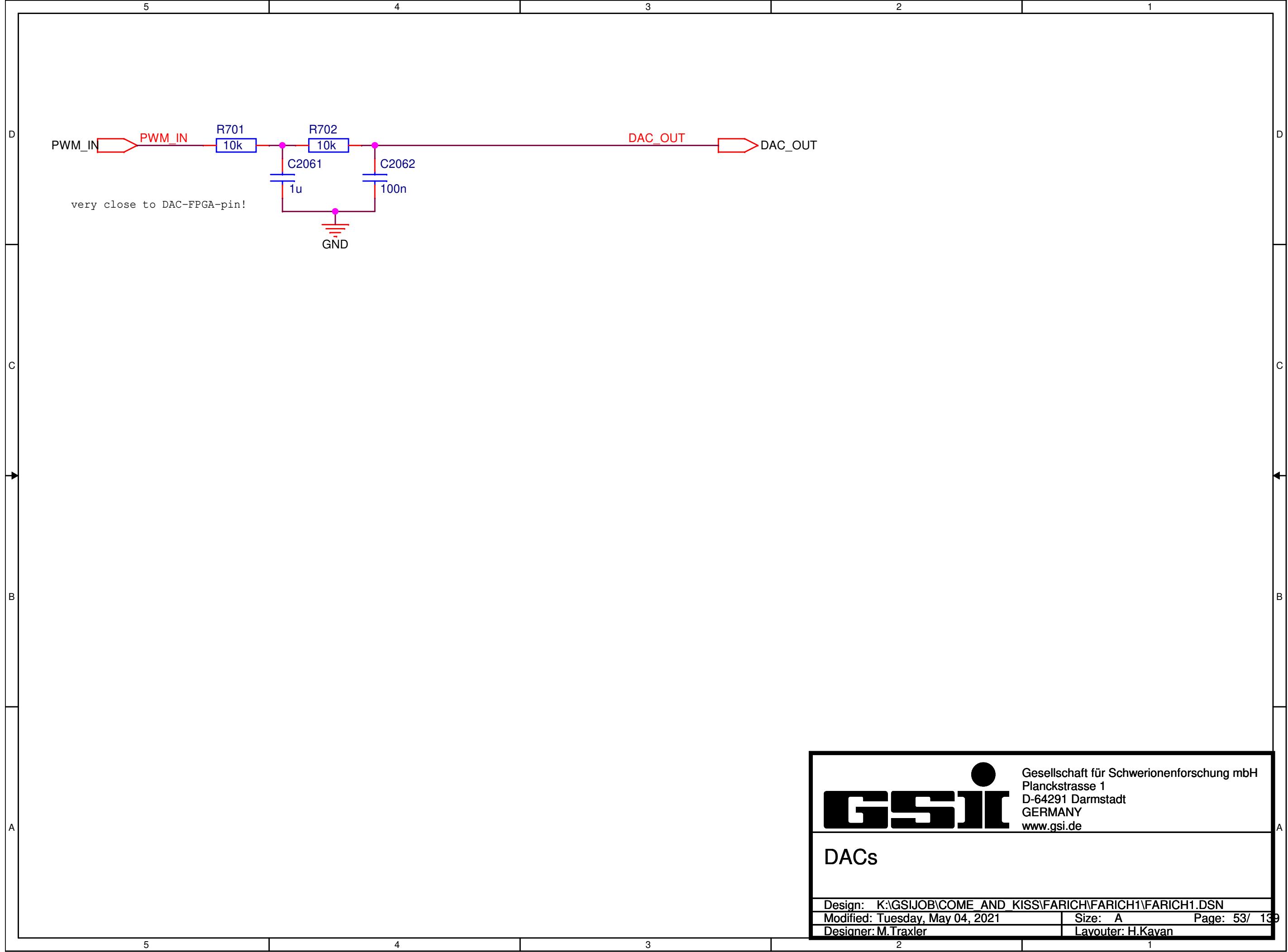
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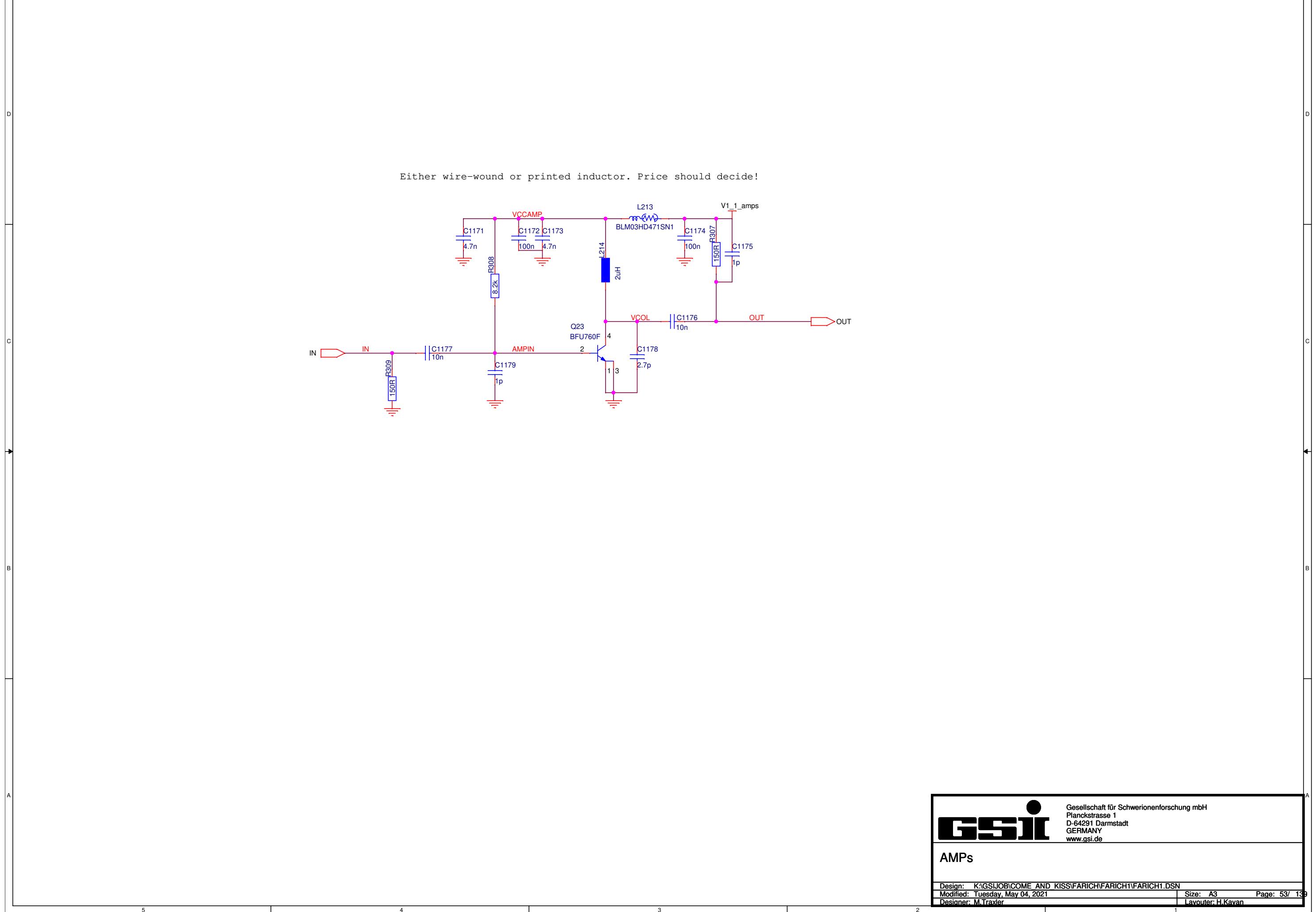
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Modified: Tuesday, May 04, 2021		
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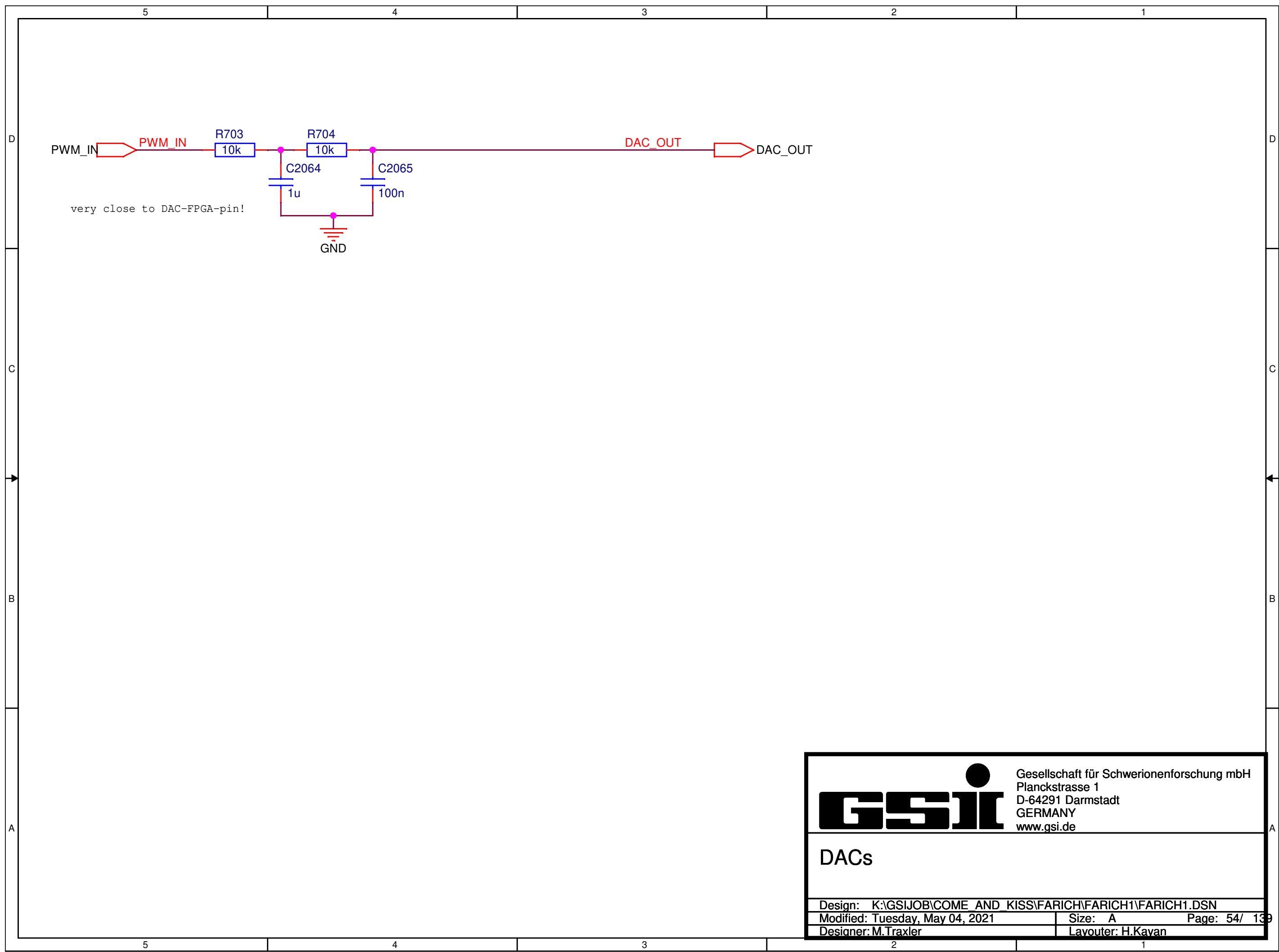


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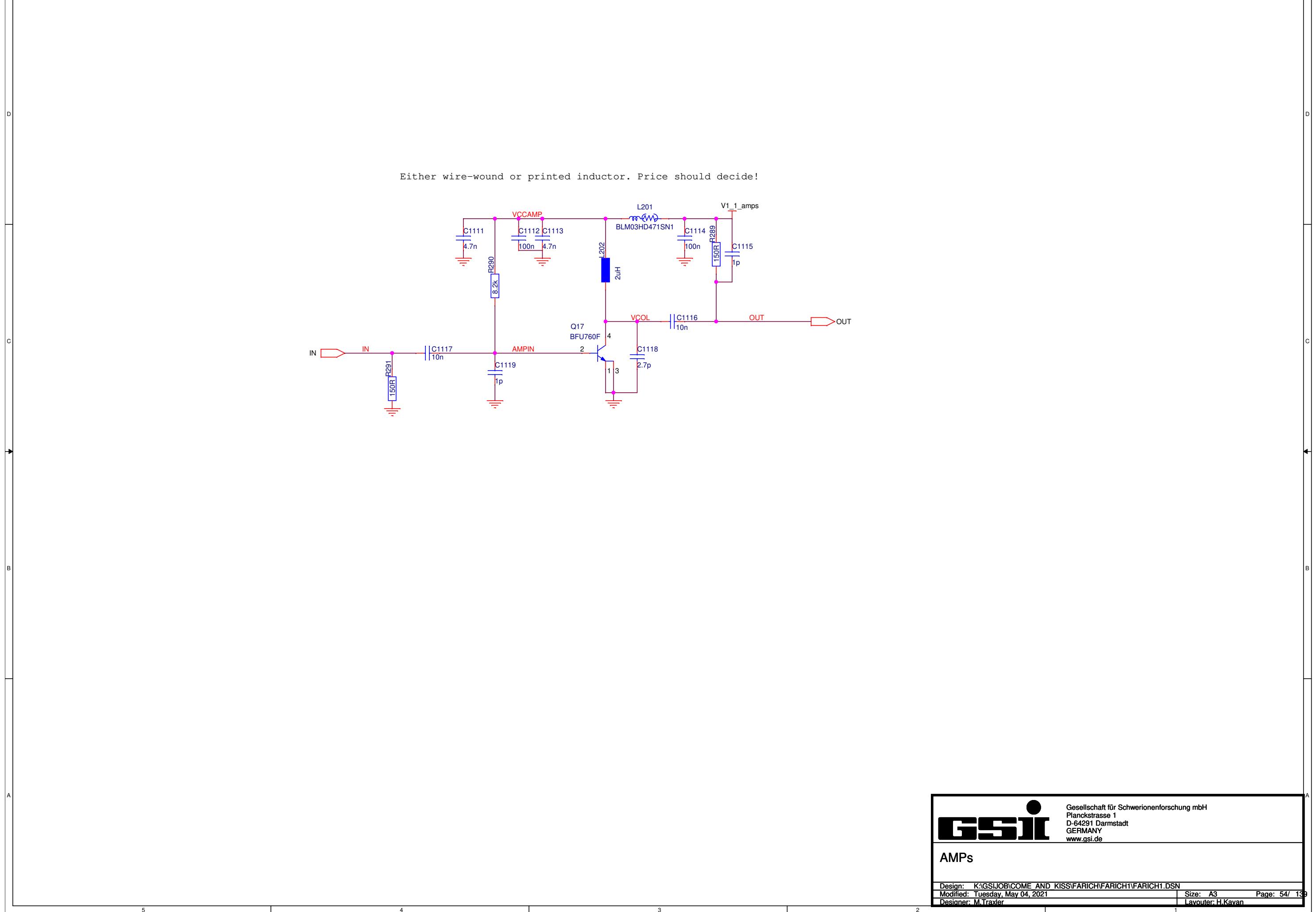


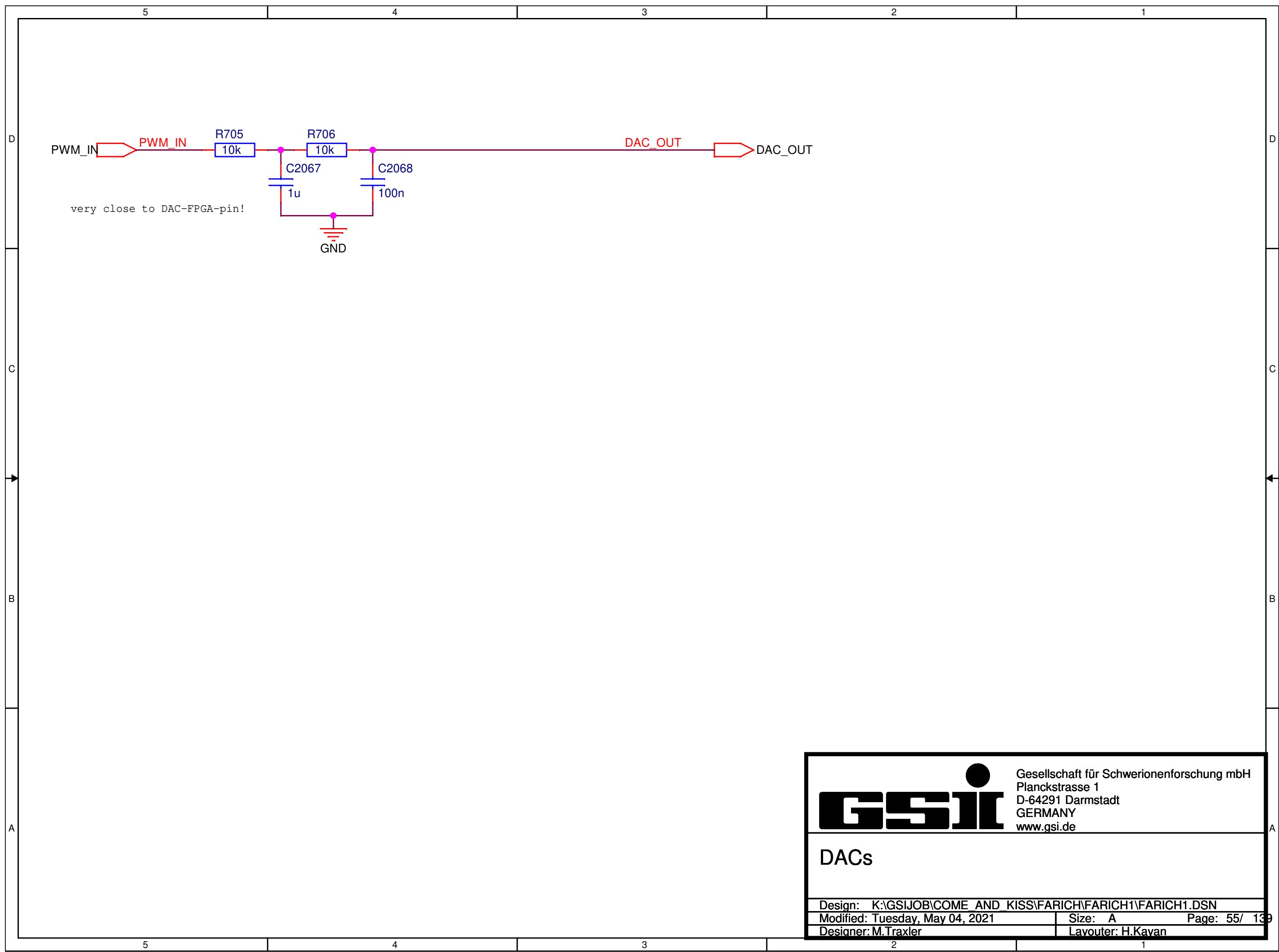


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Designer: M.Traxler	Lavouter: H.Kayan		

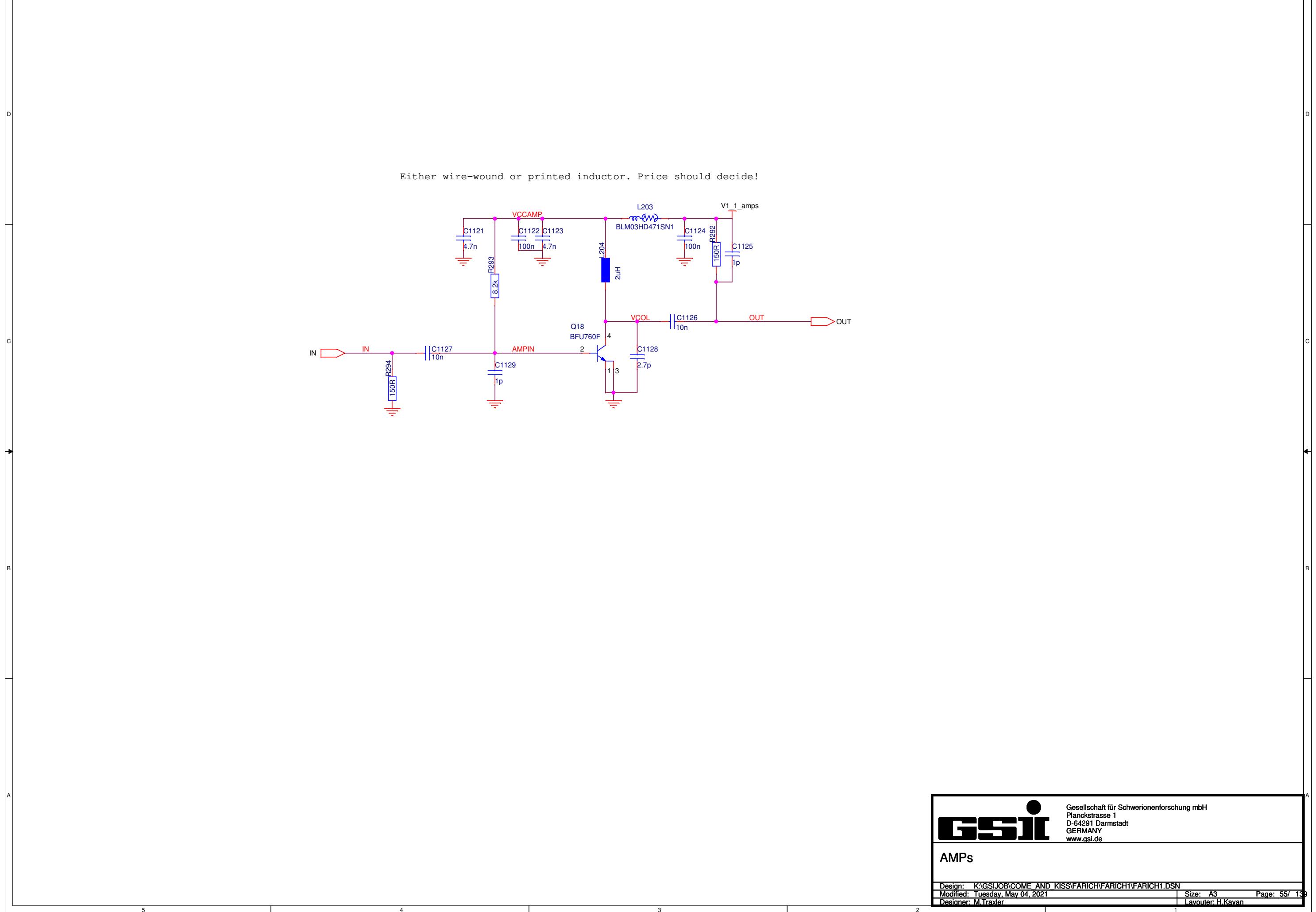


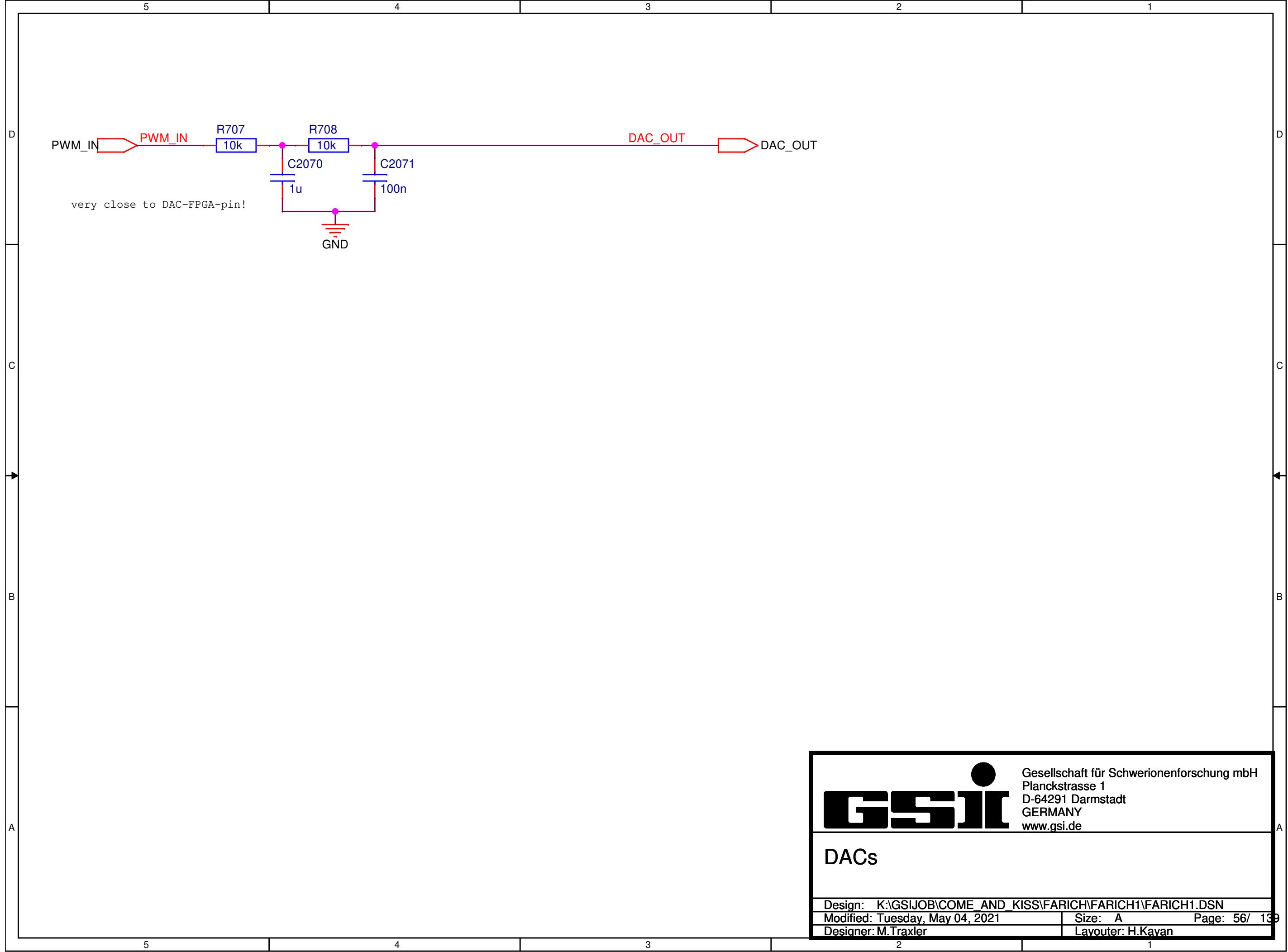


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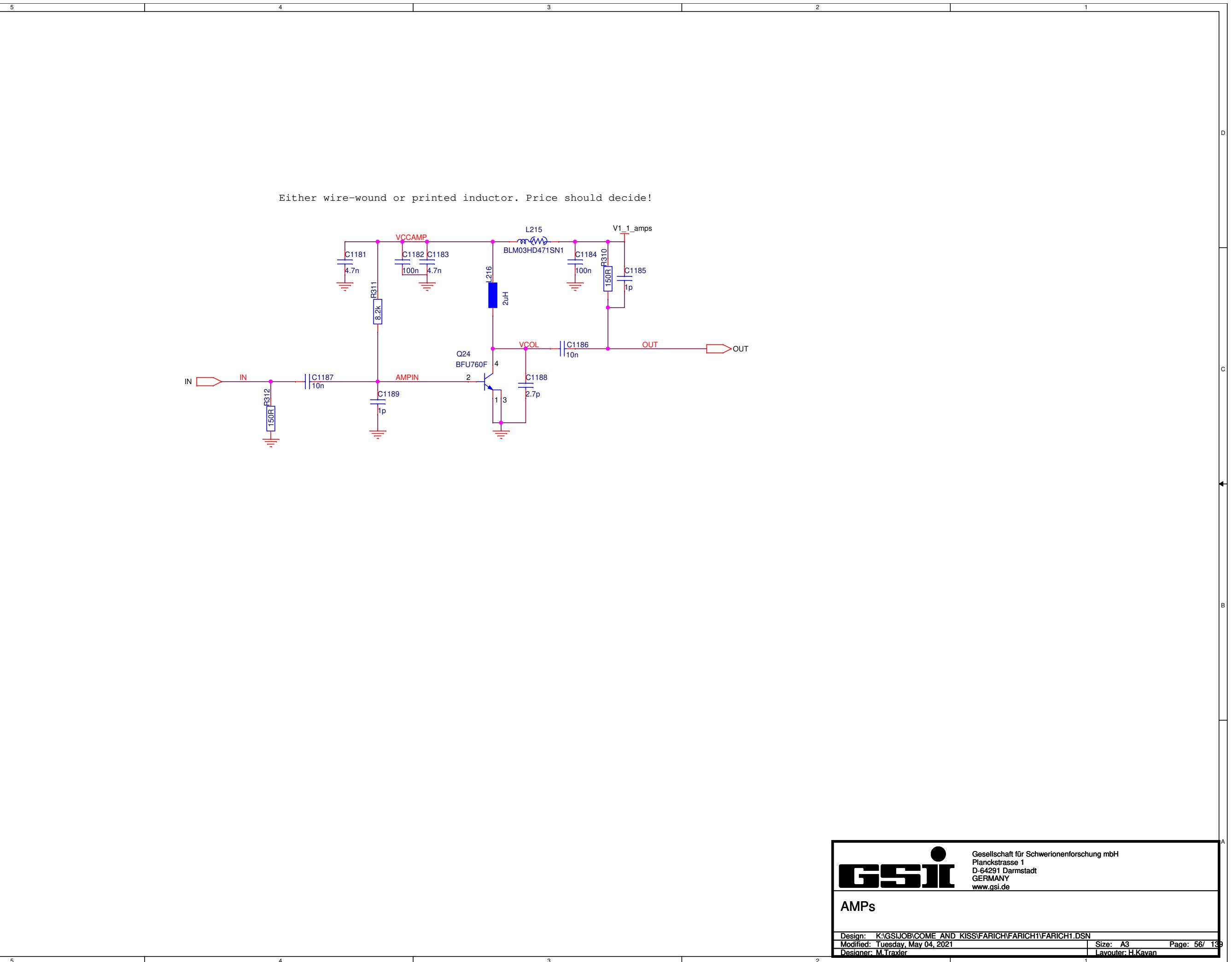


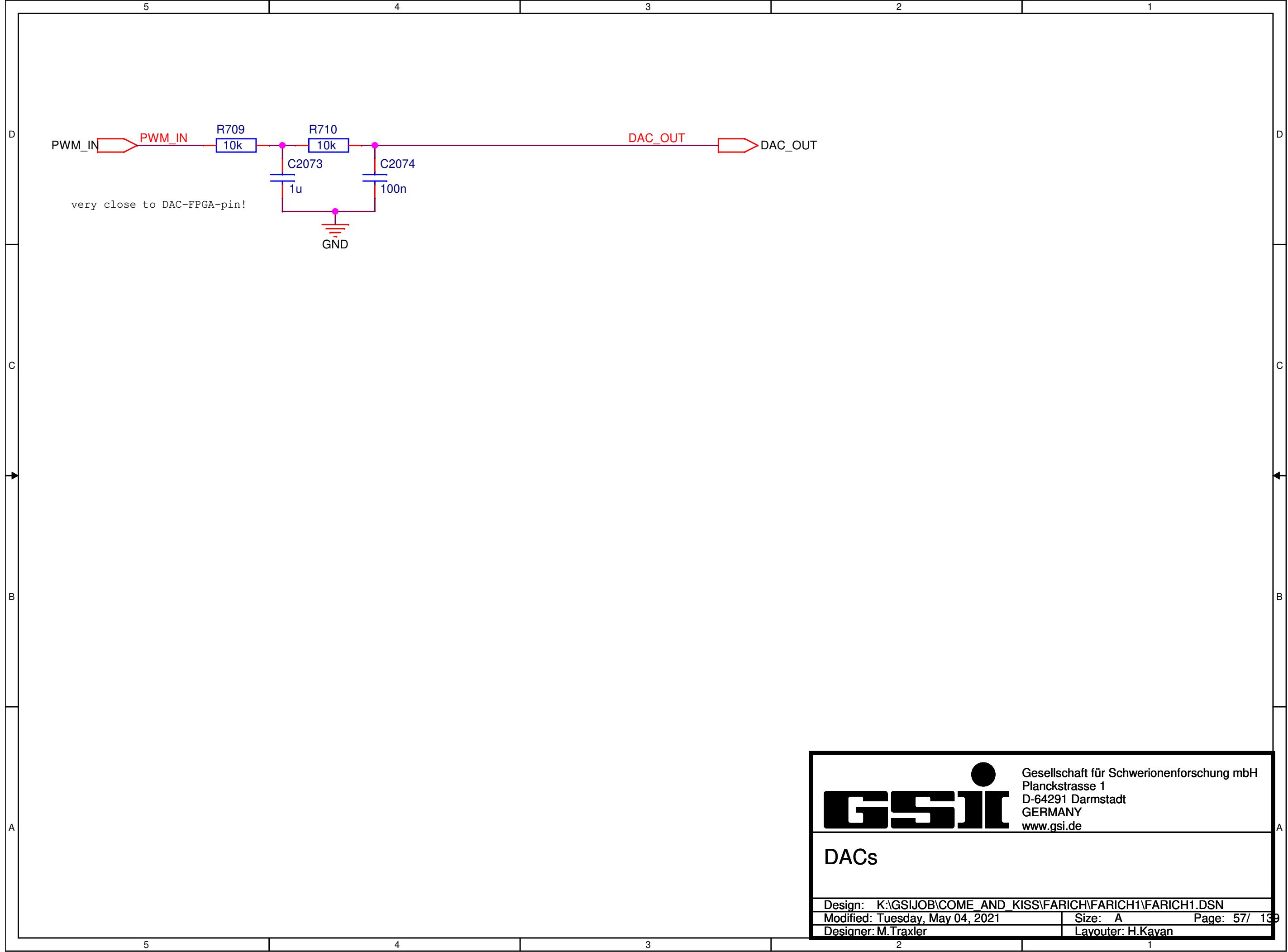


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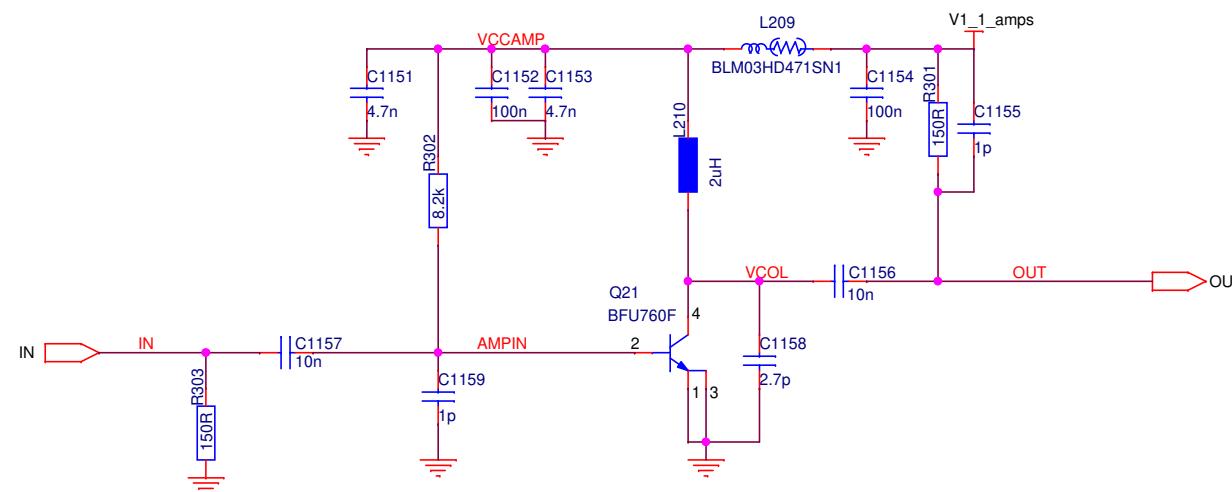
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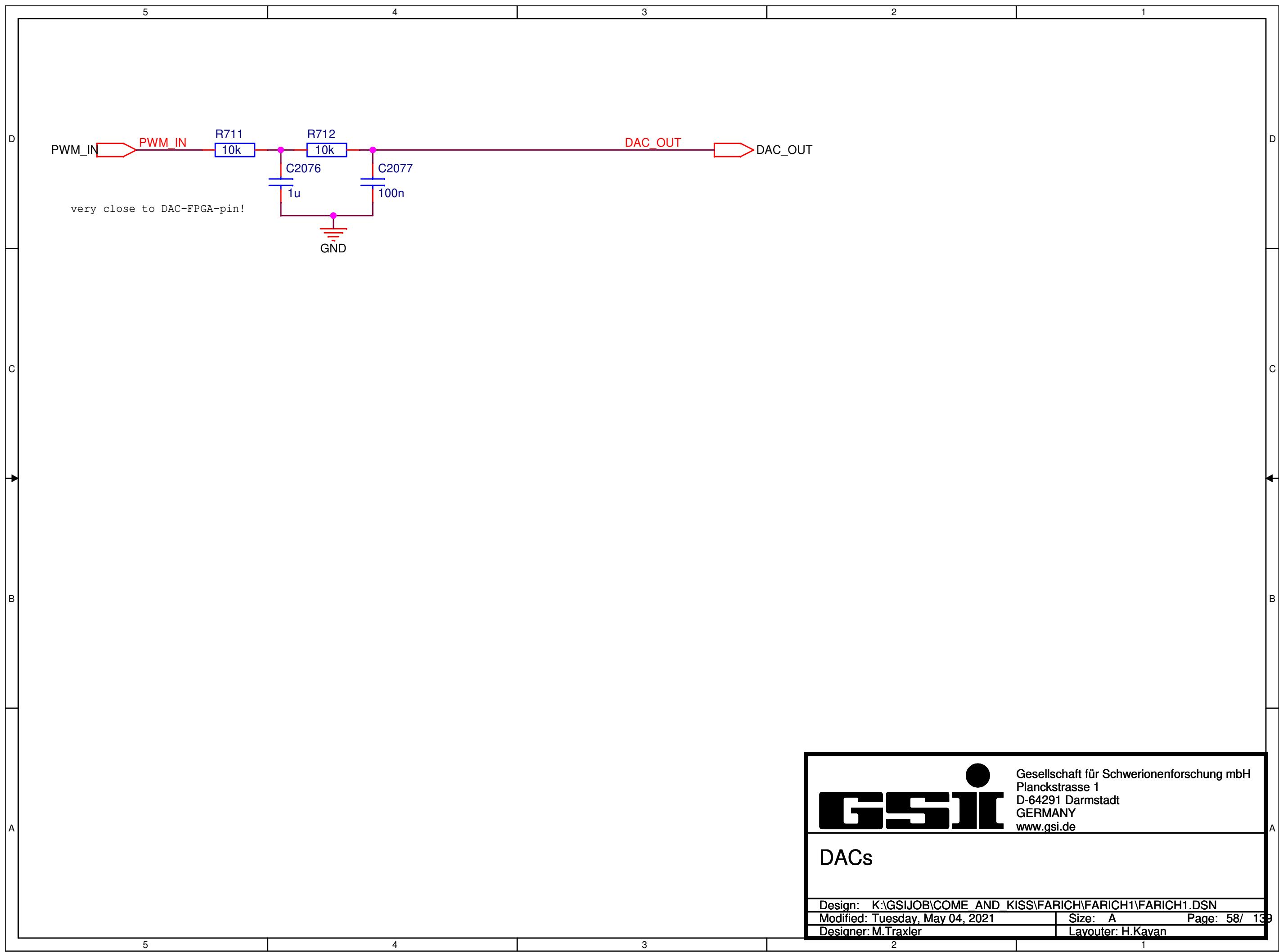
C C

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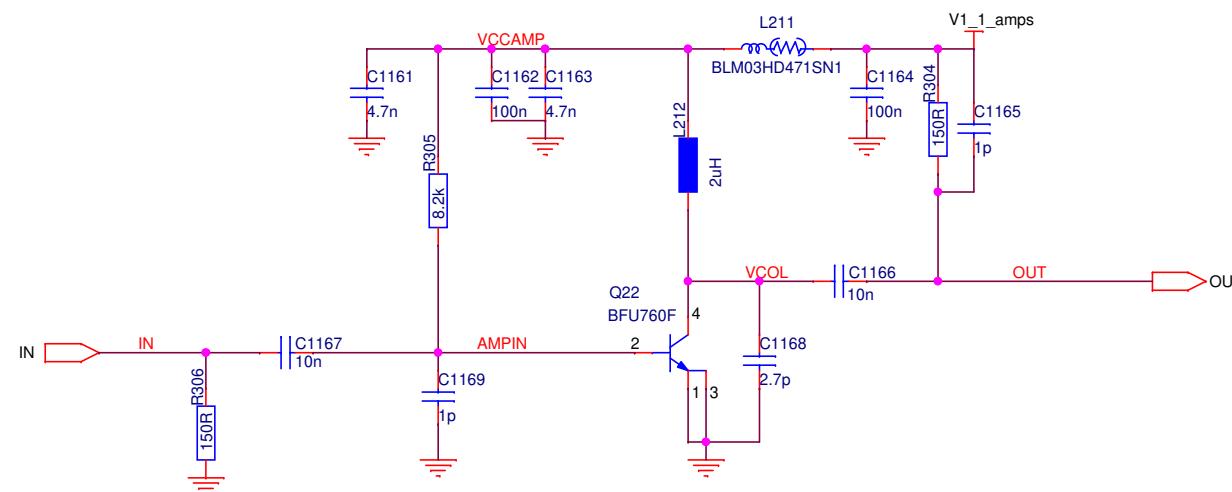
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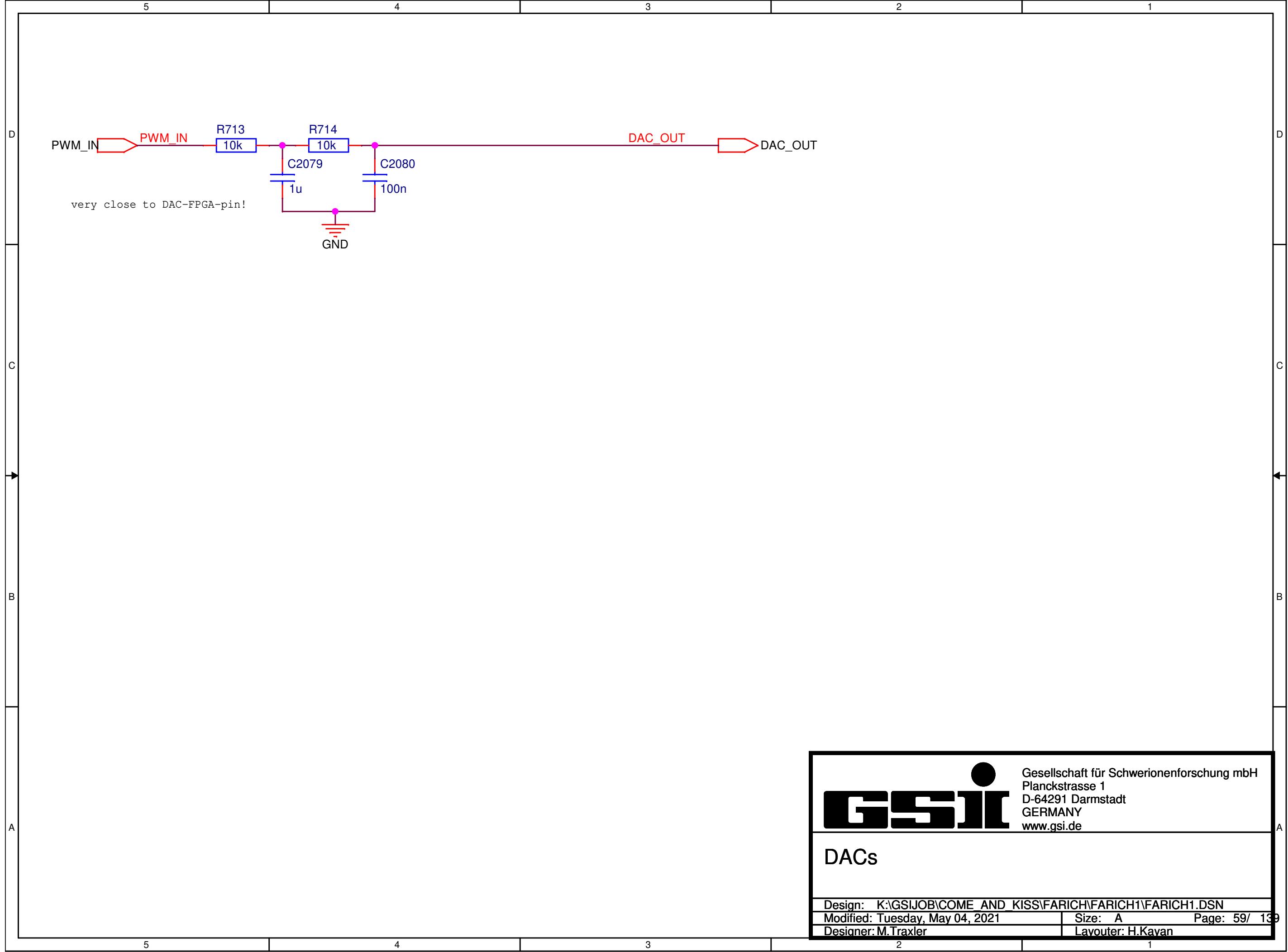
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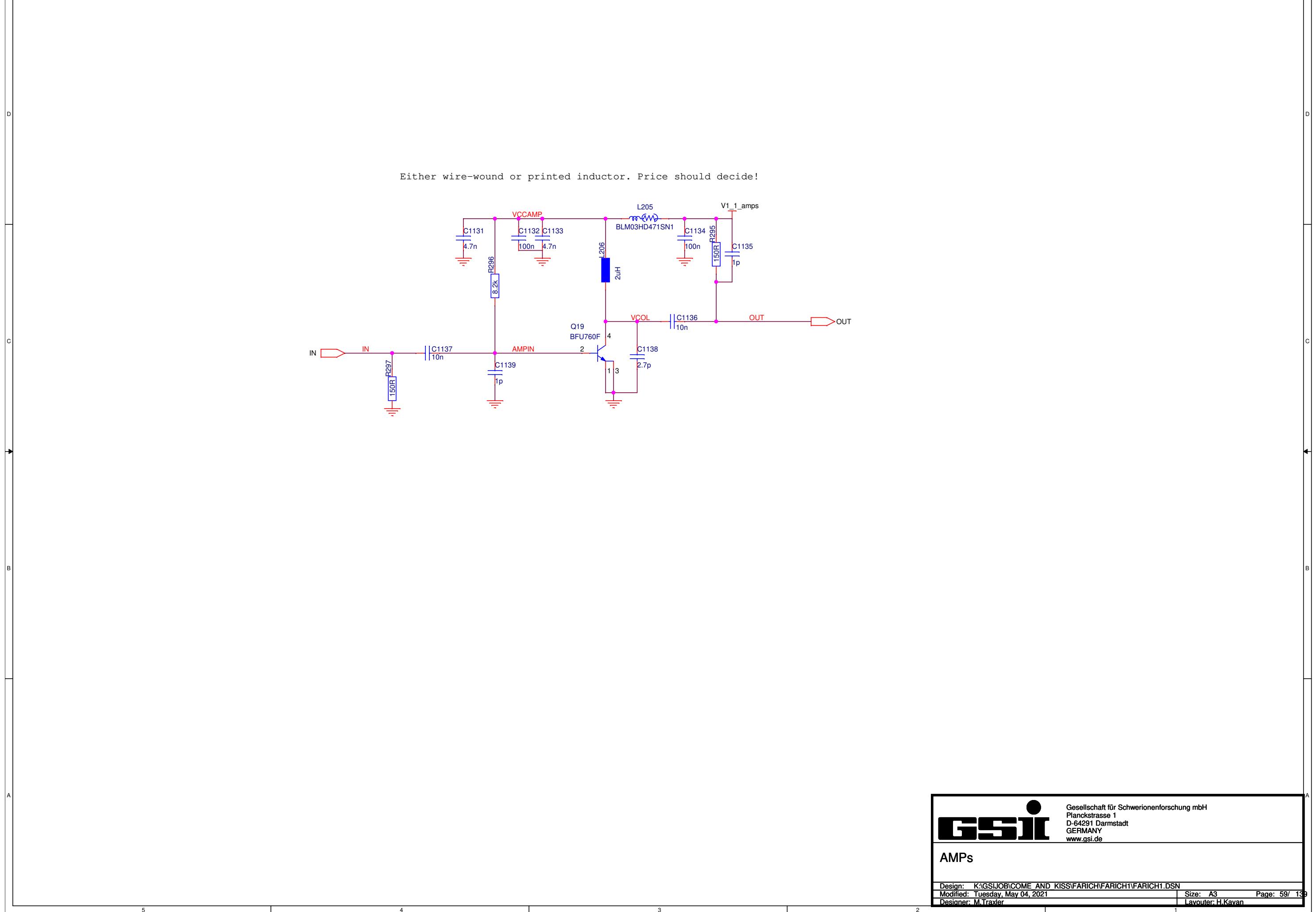


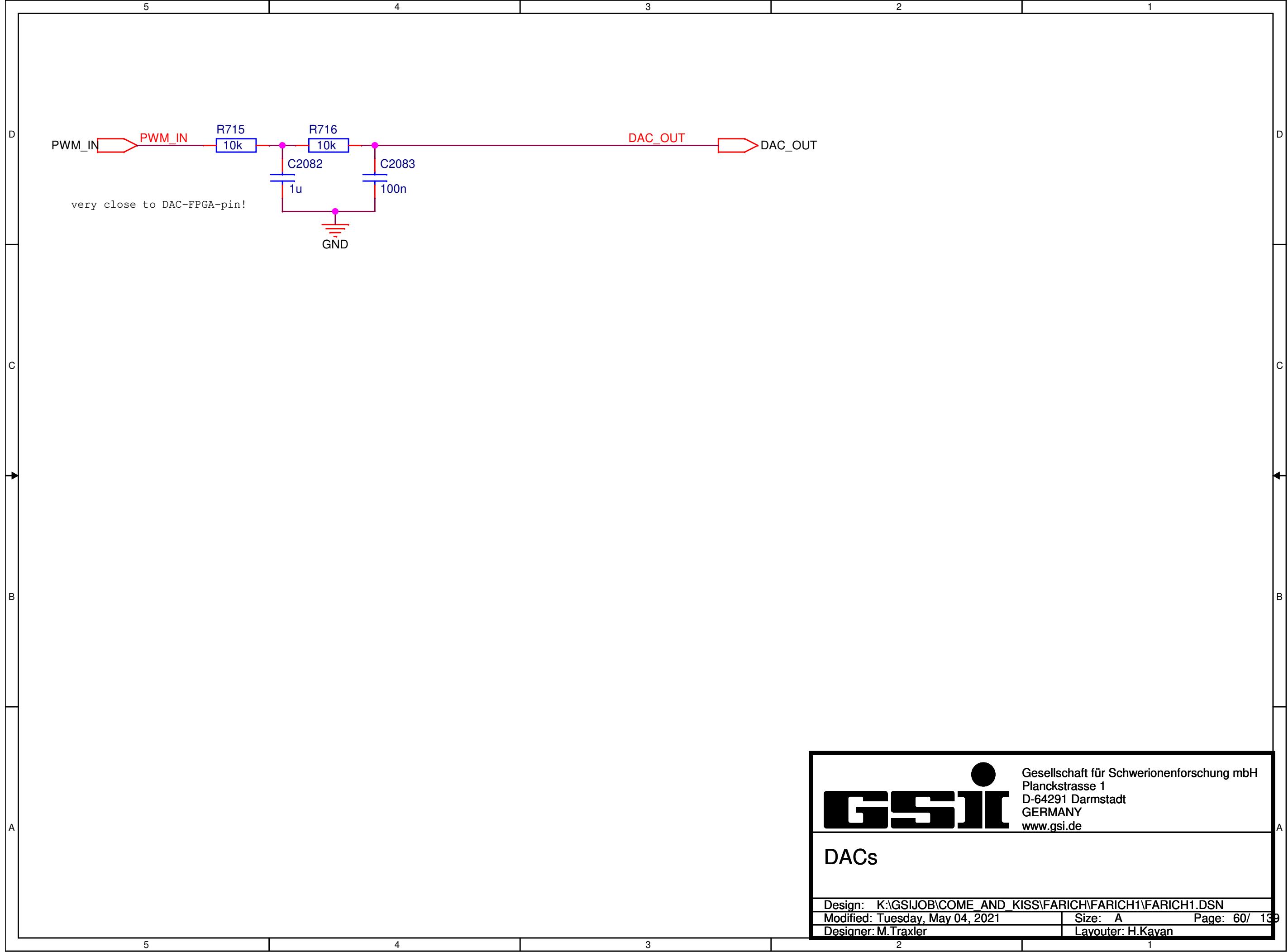


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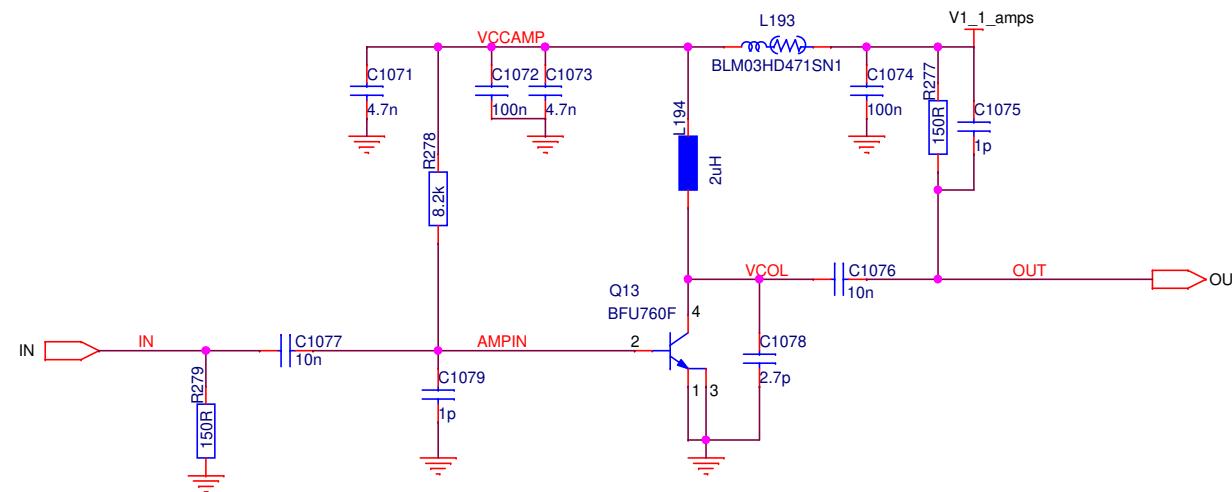
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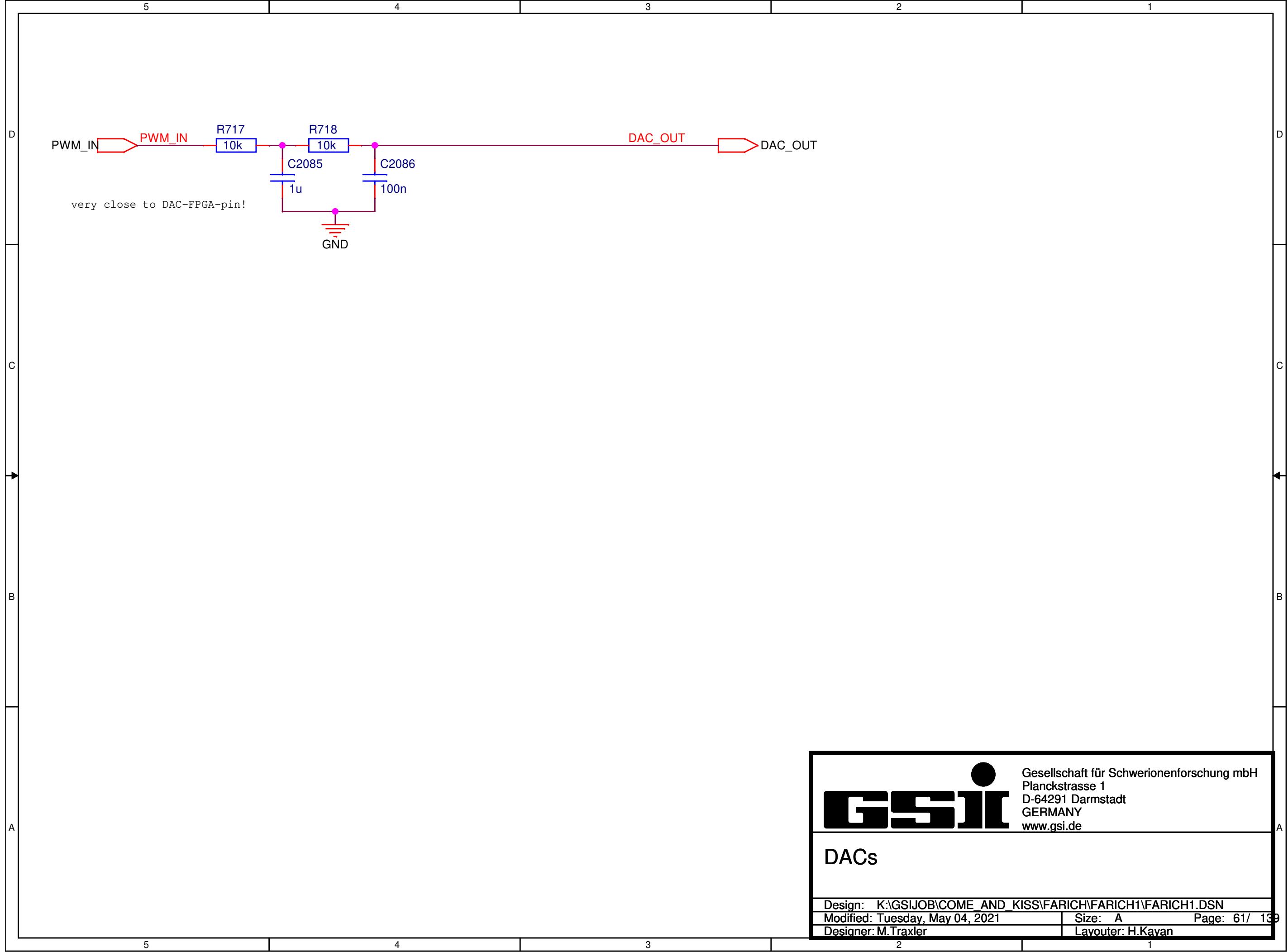
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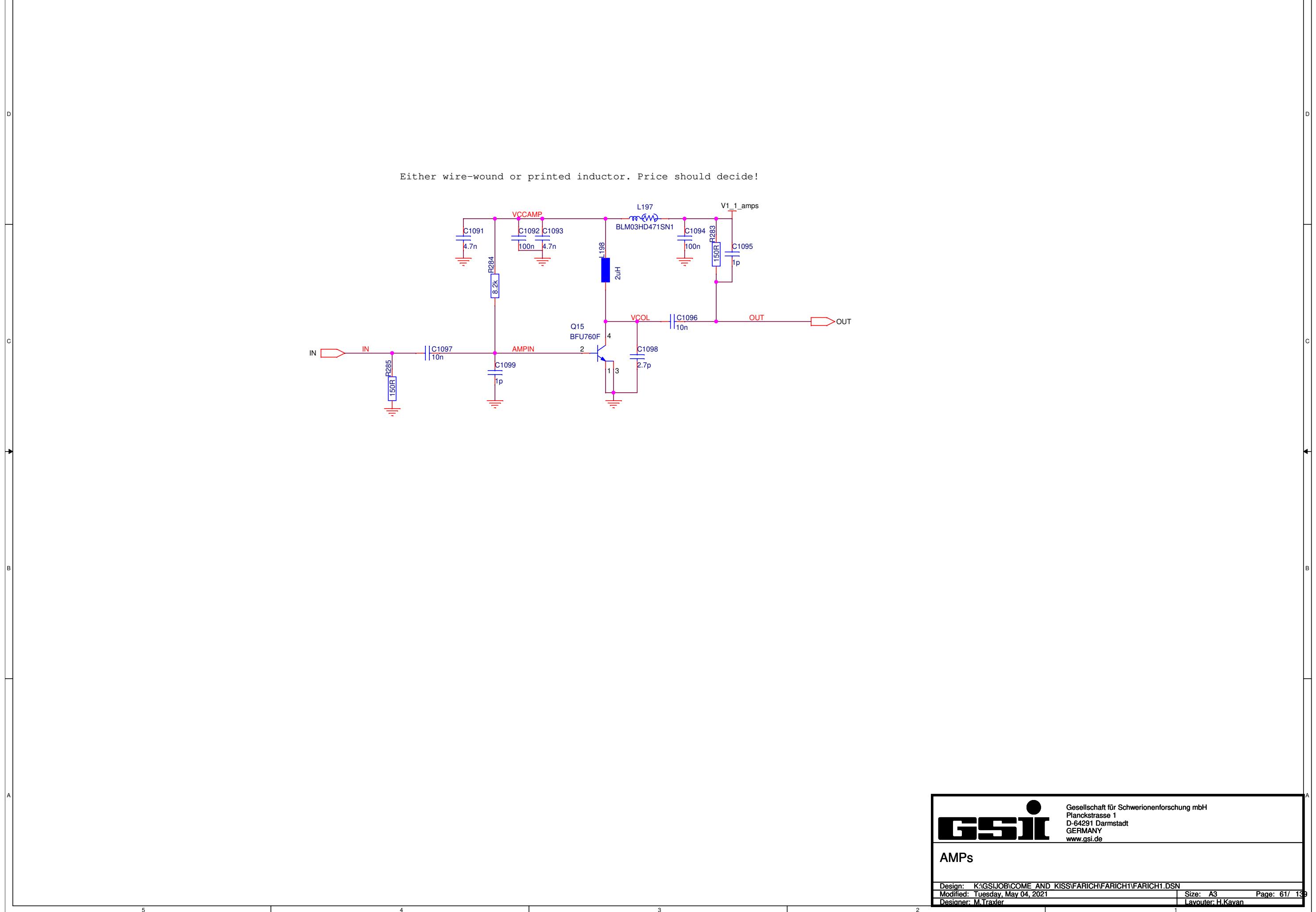


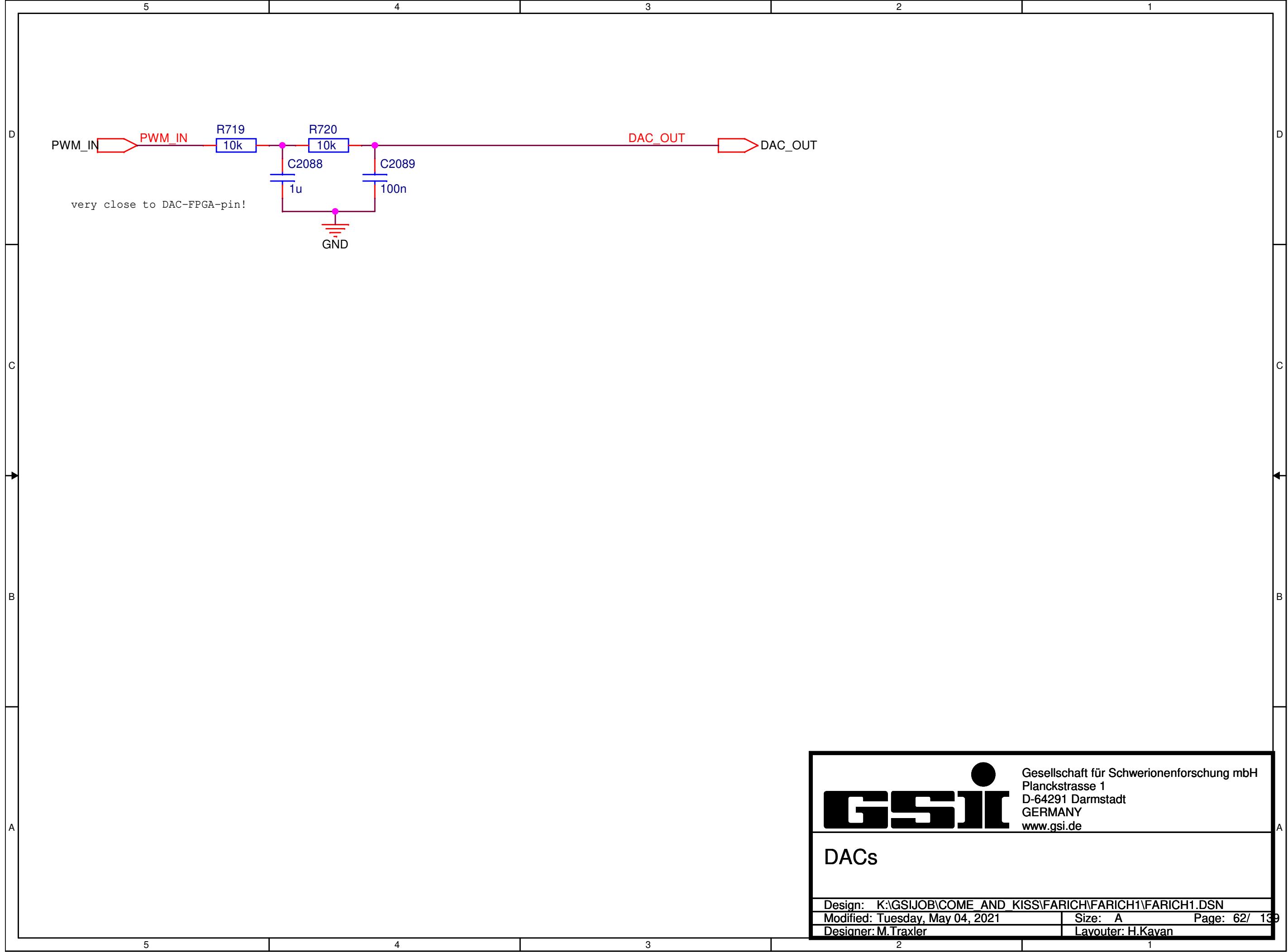


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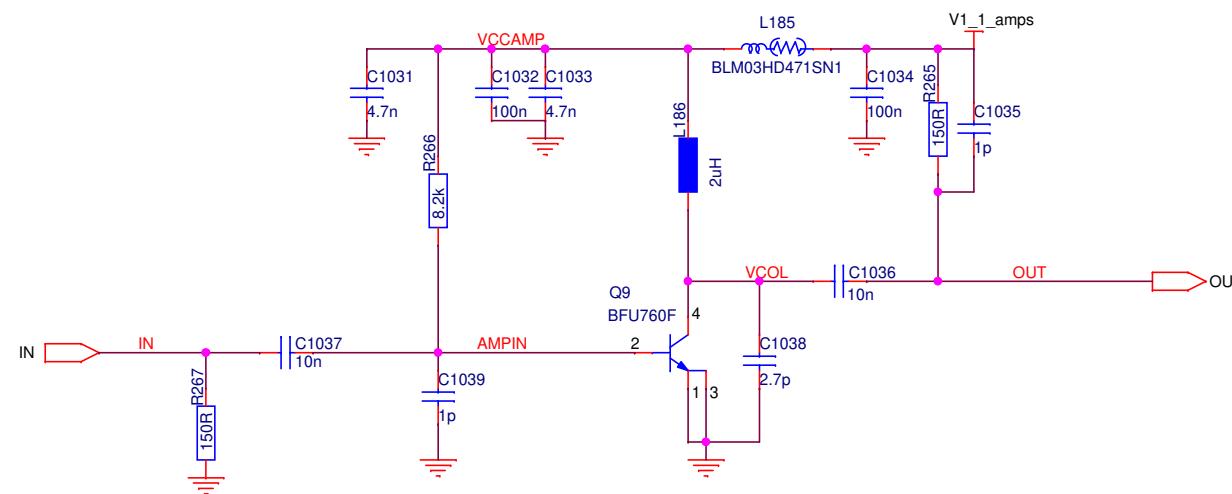
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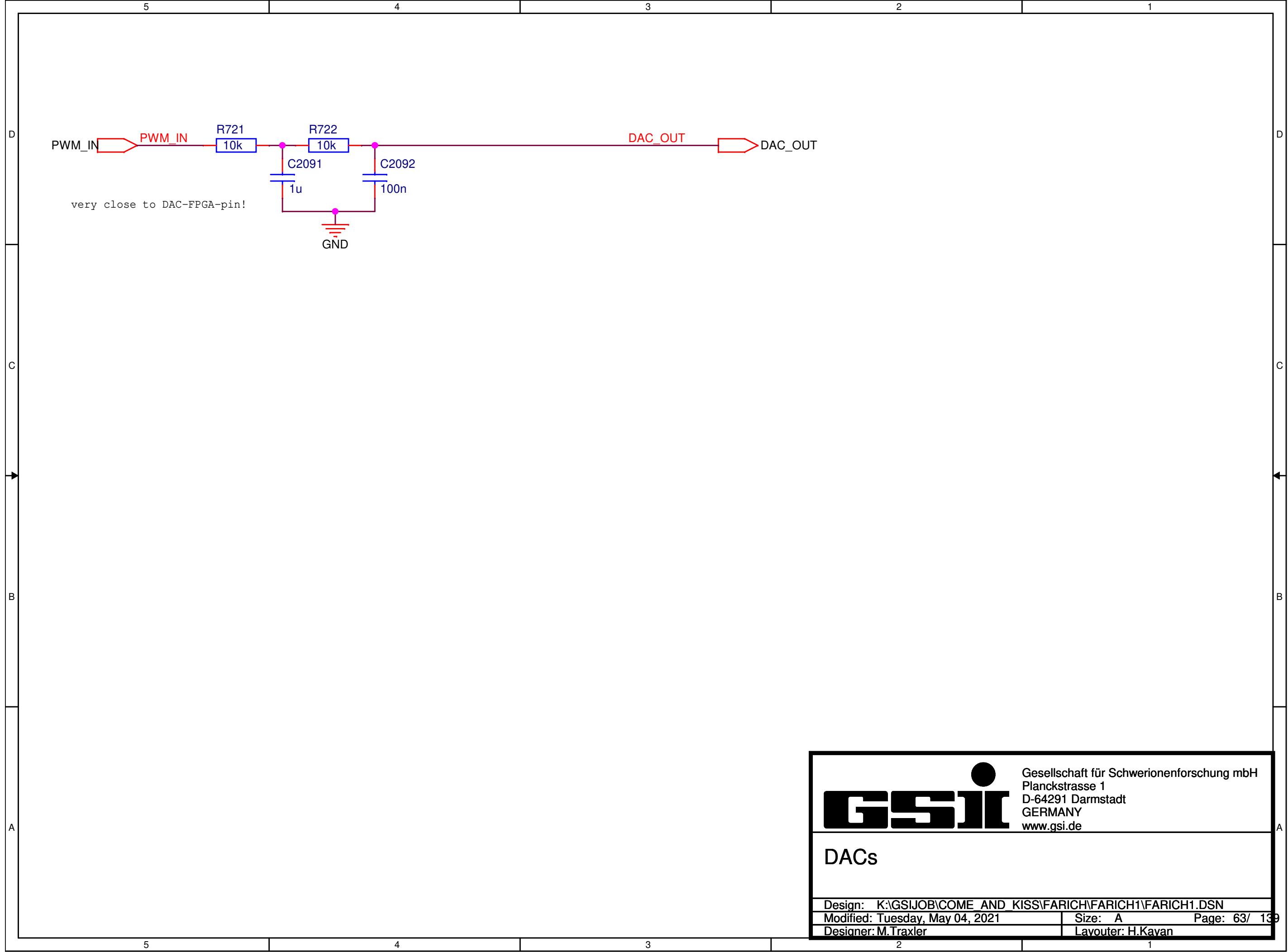
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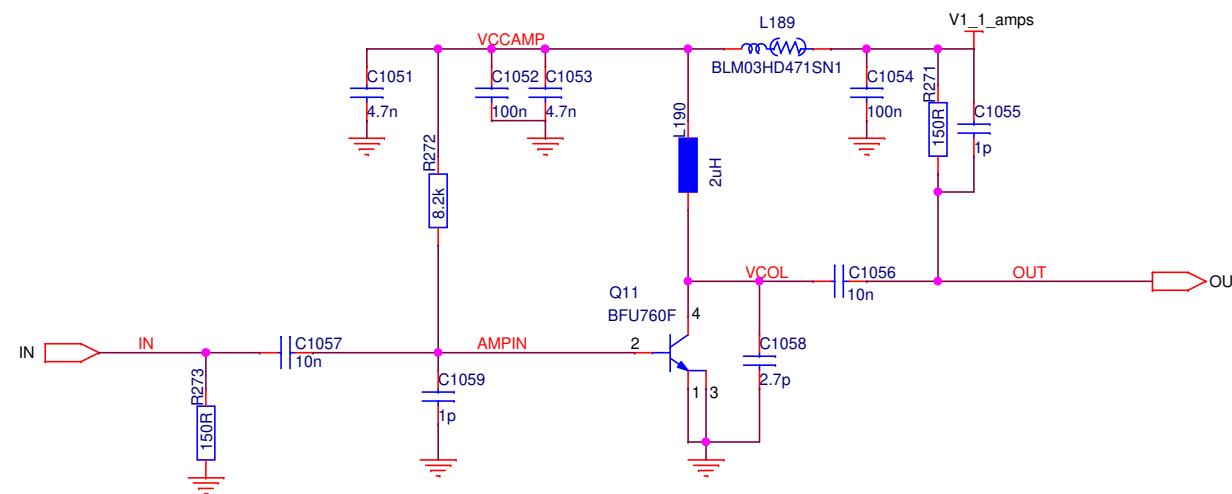
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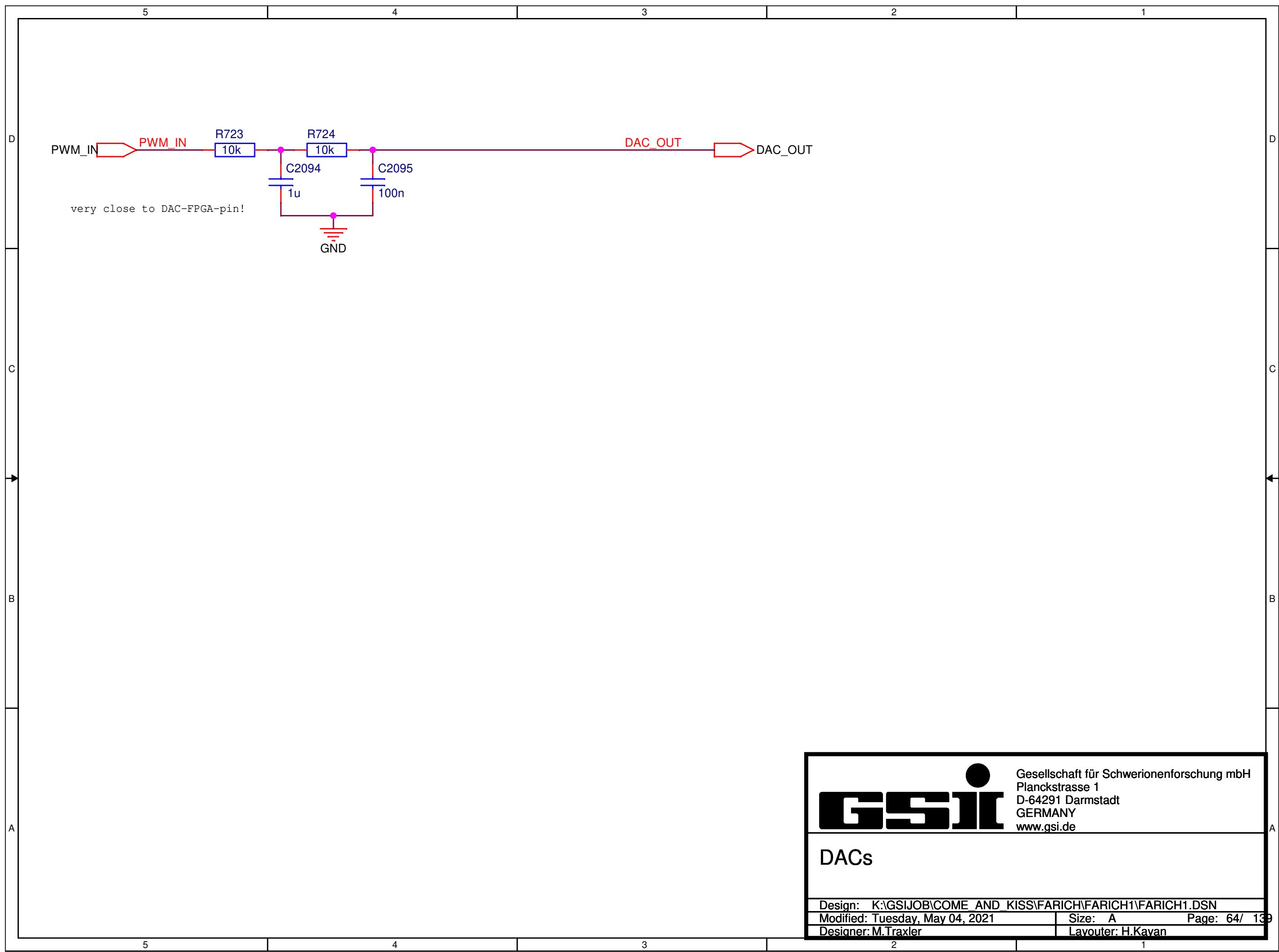
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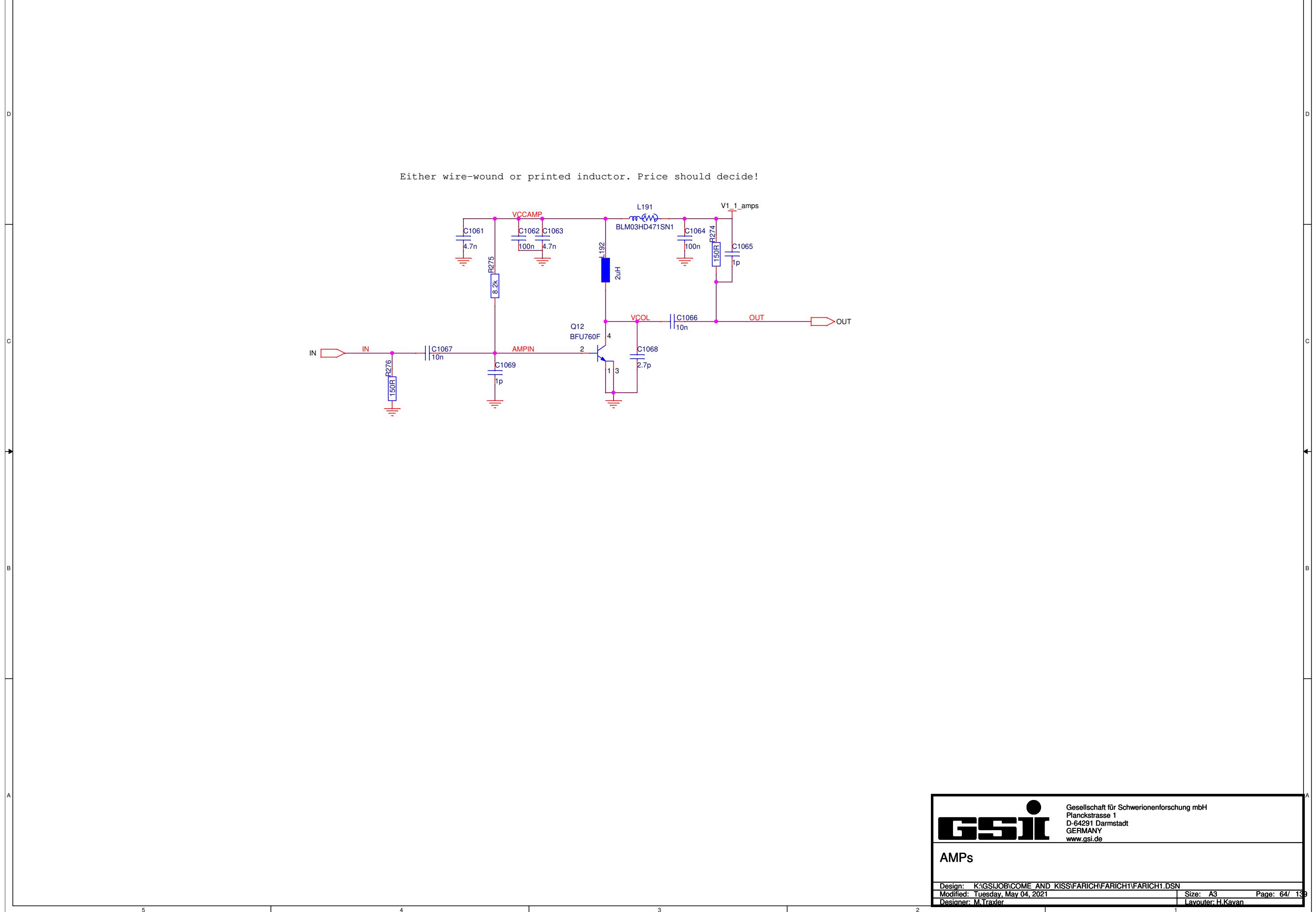




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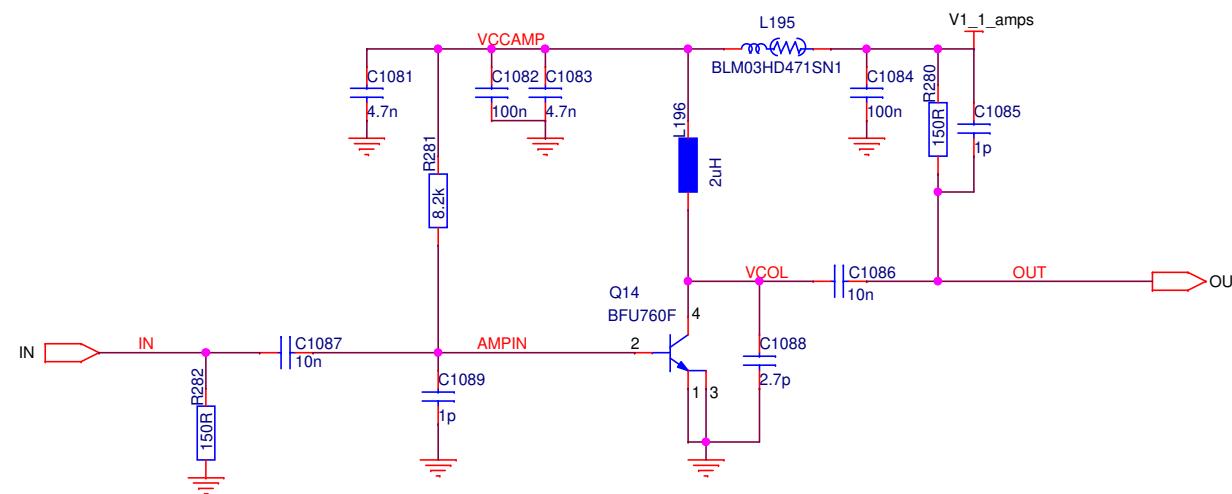
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Designer: M.Traxler	Lavouter: H.Kayan		



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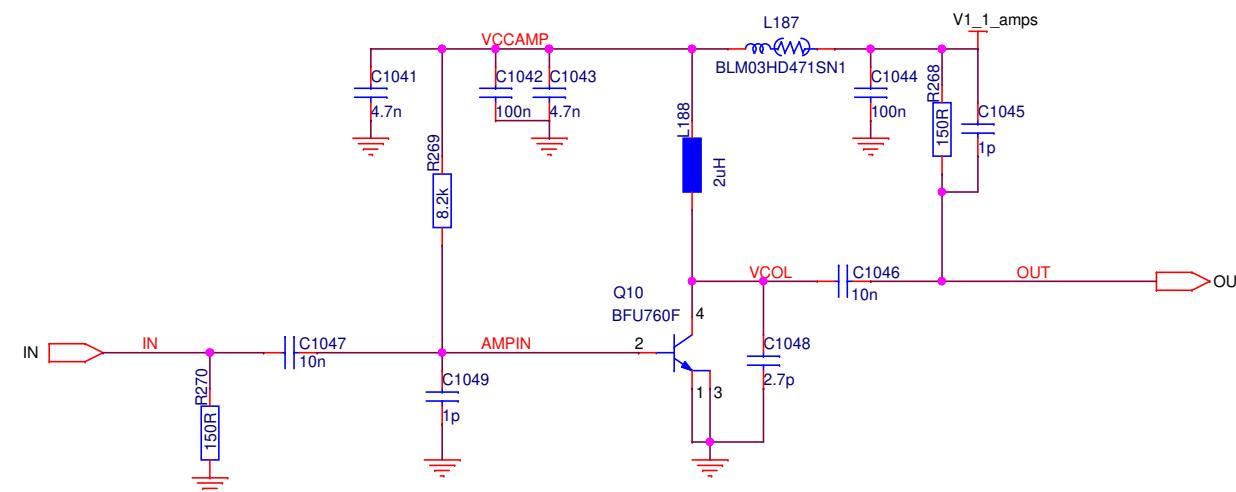
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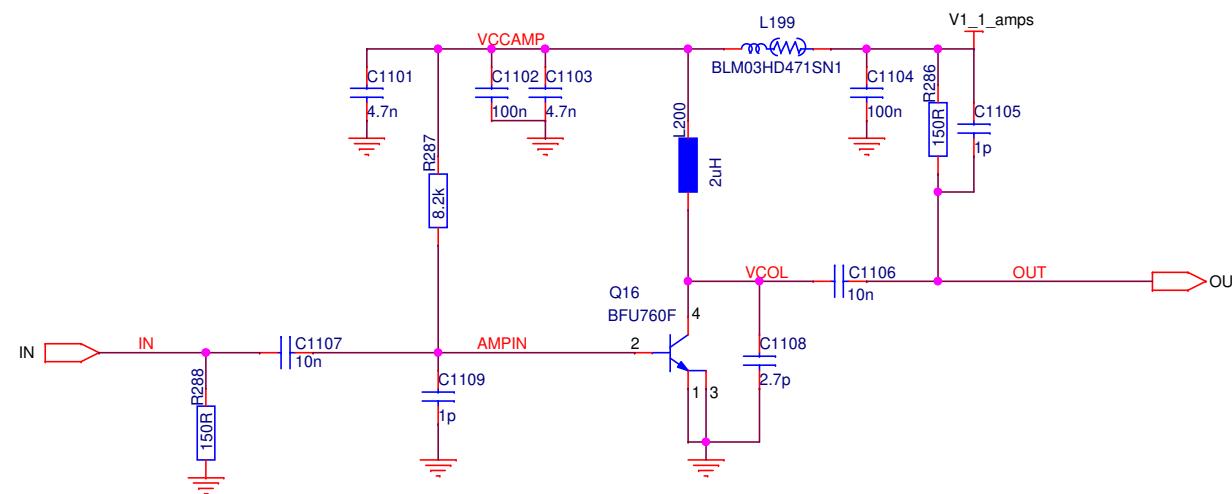
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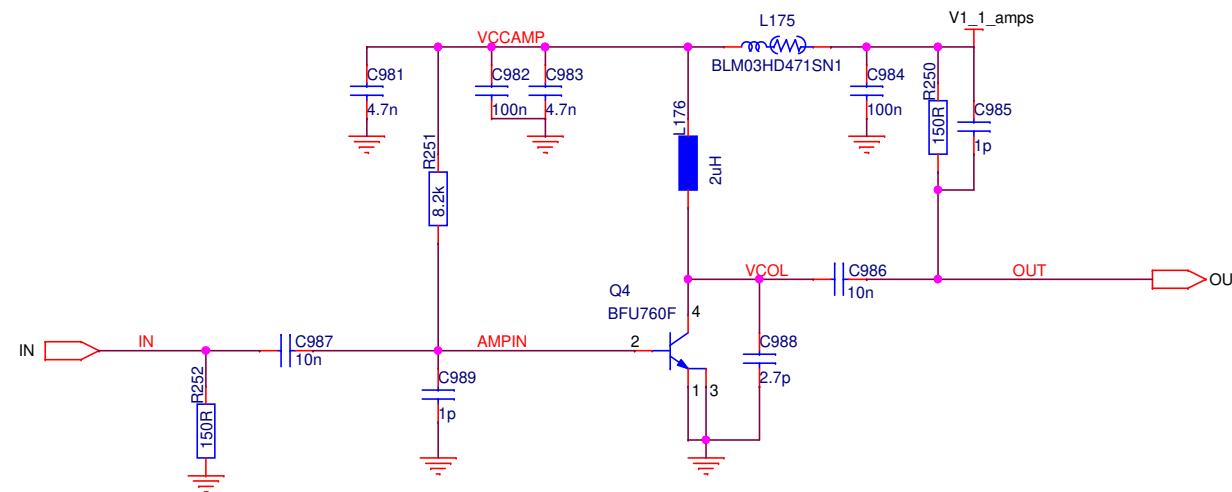
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Either wire-wound or printed inductor. Price should decide!



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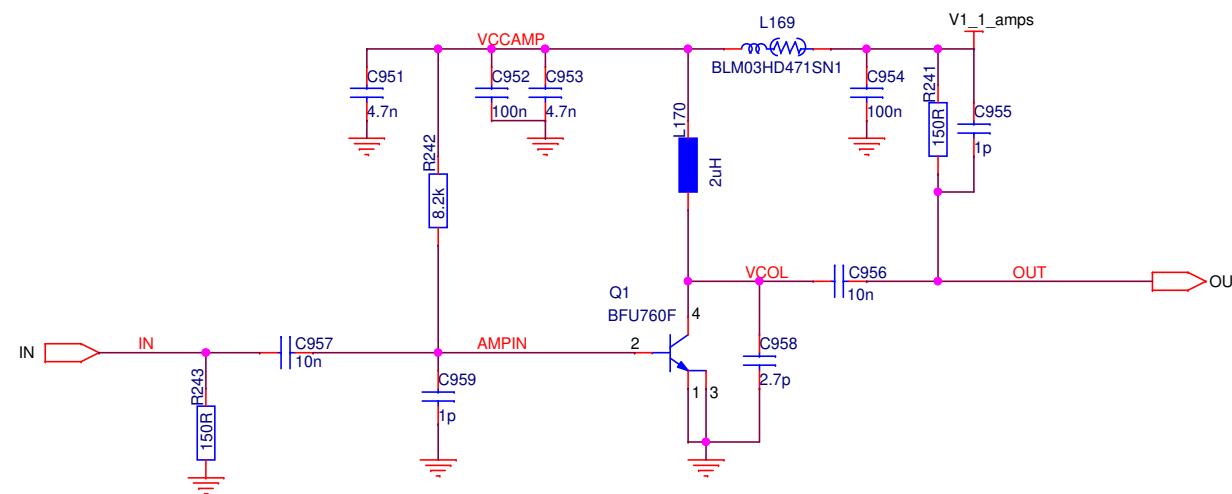
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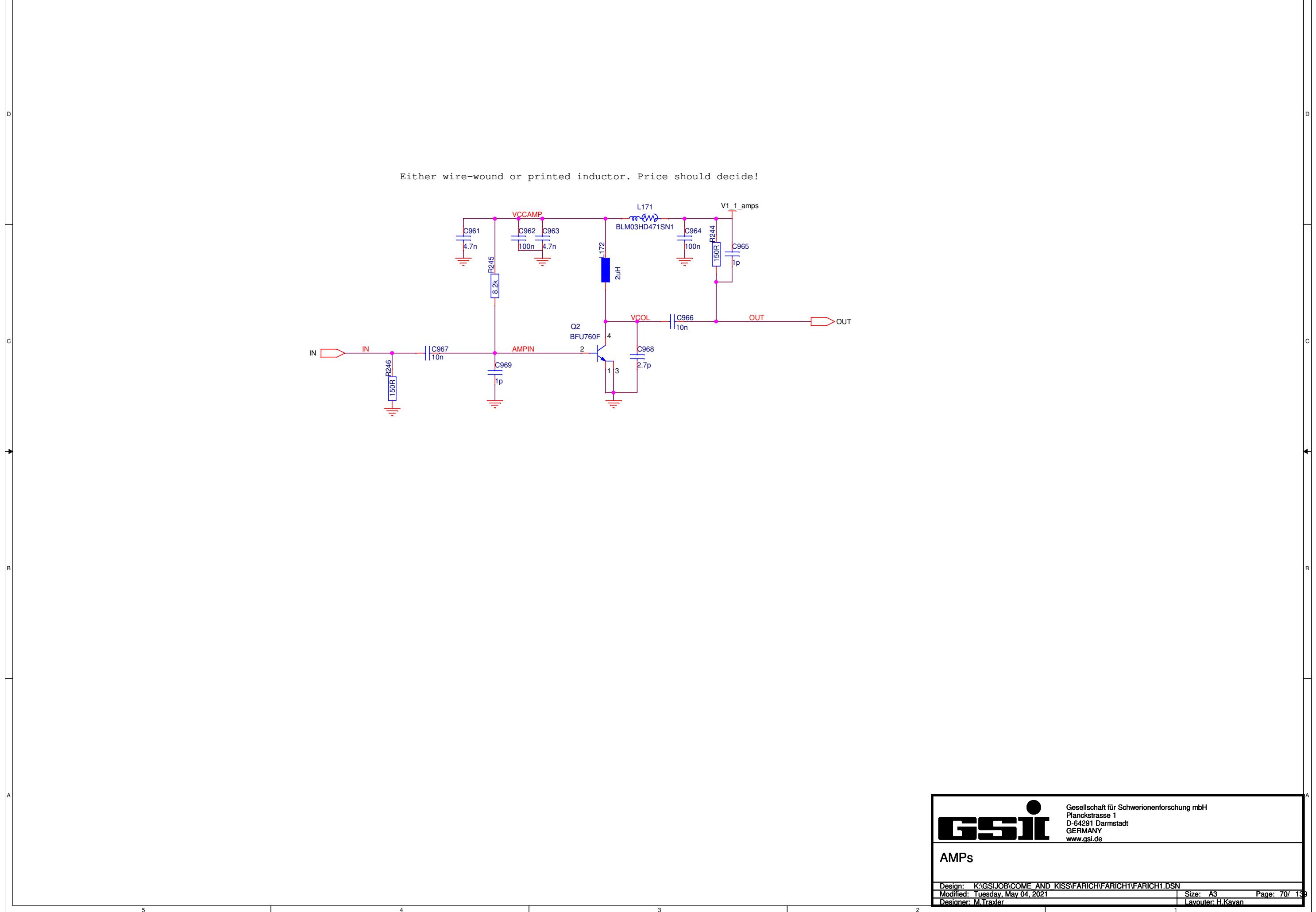
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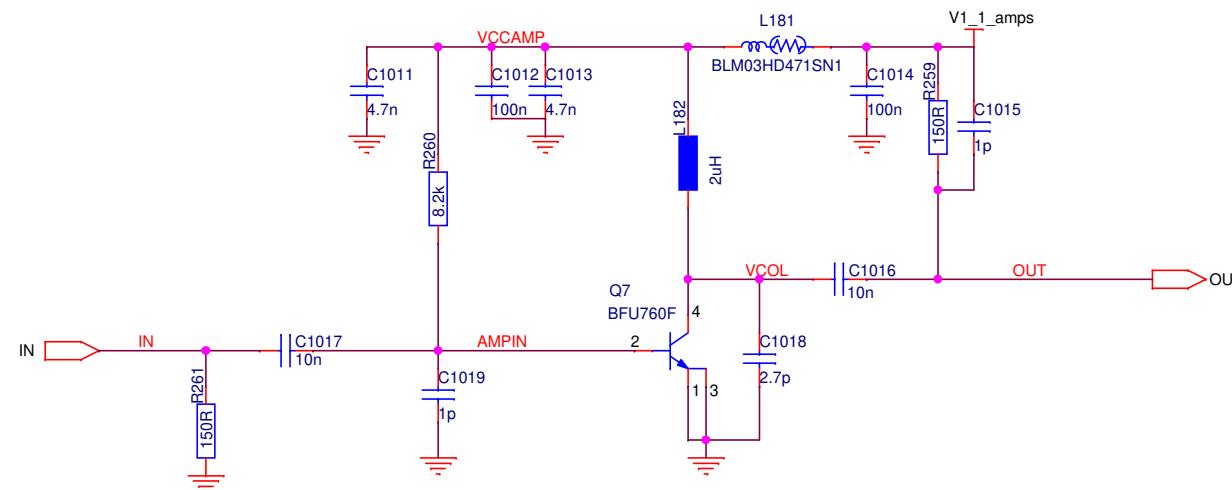




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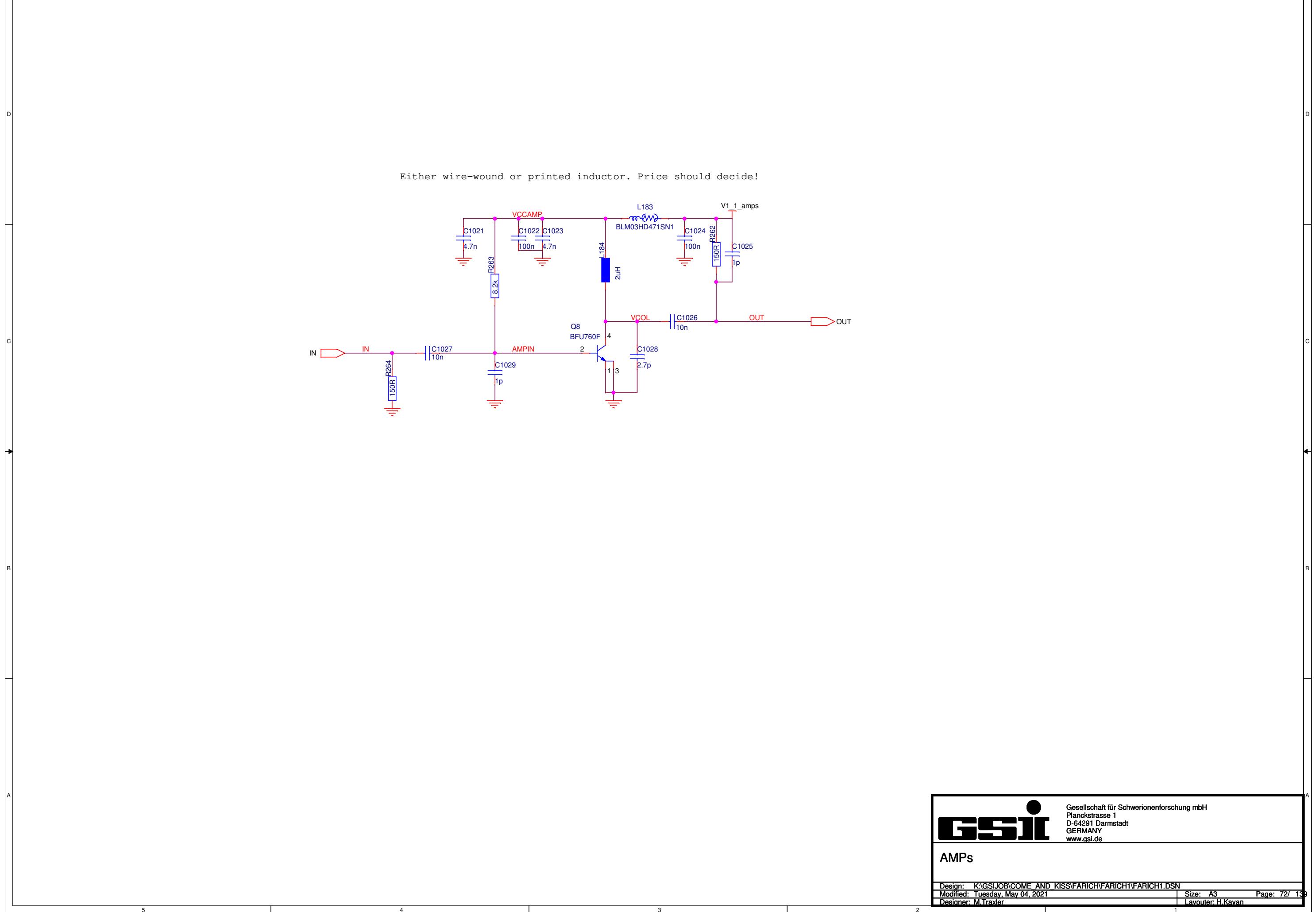
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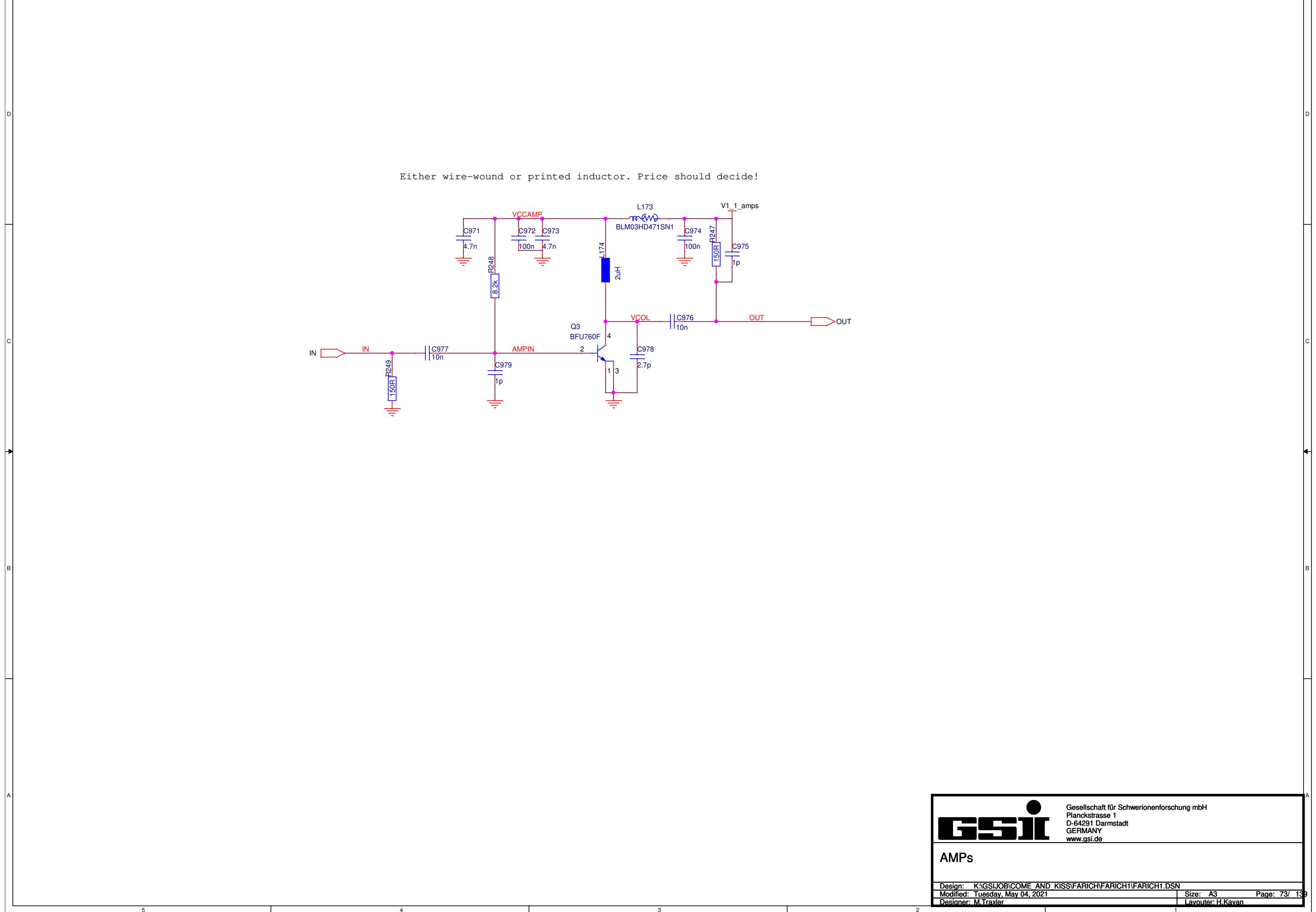
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