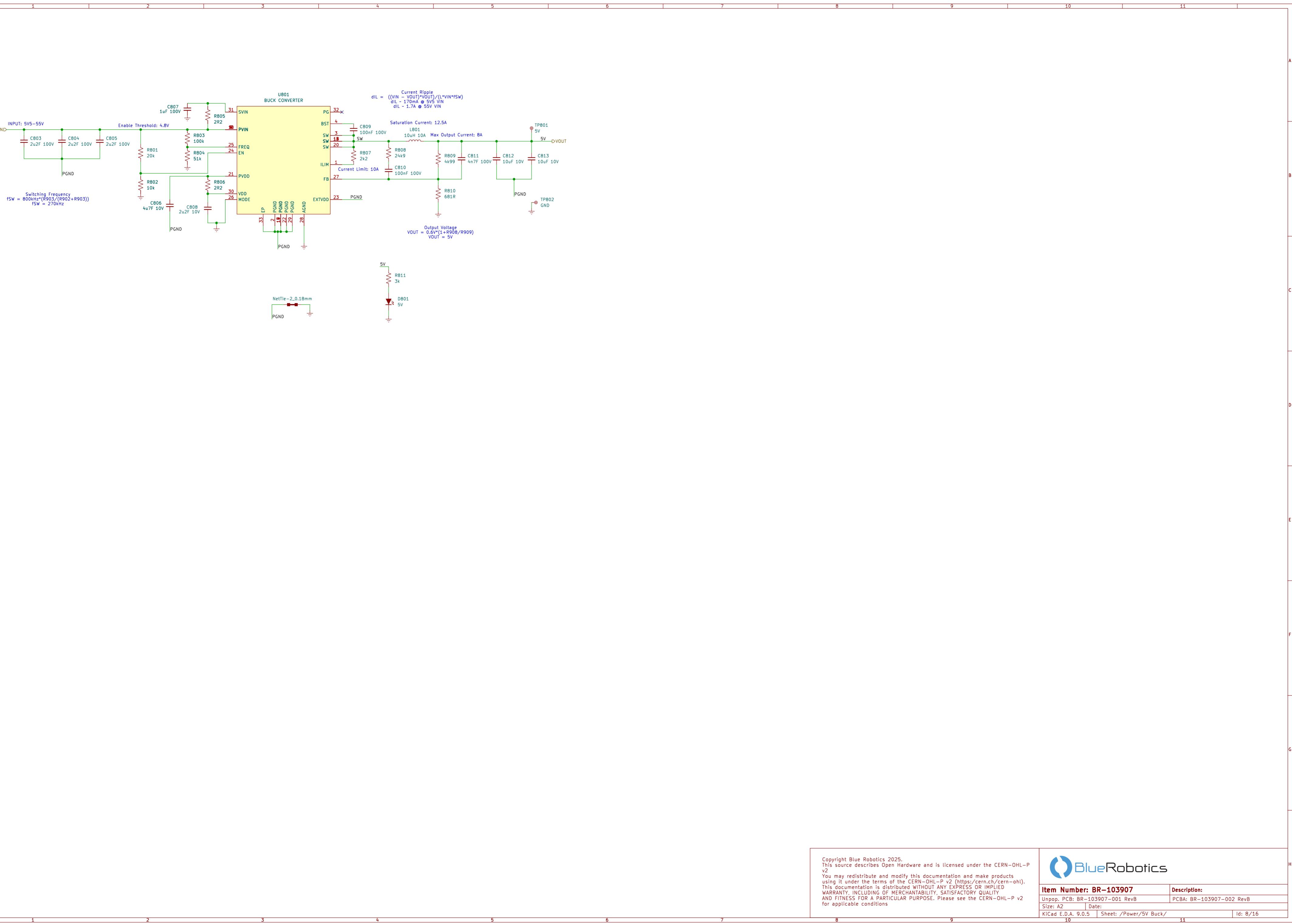


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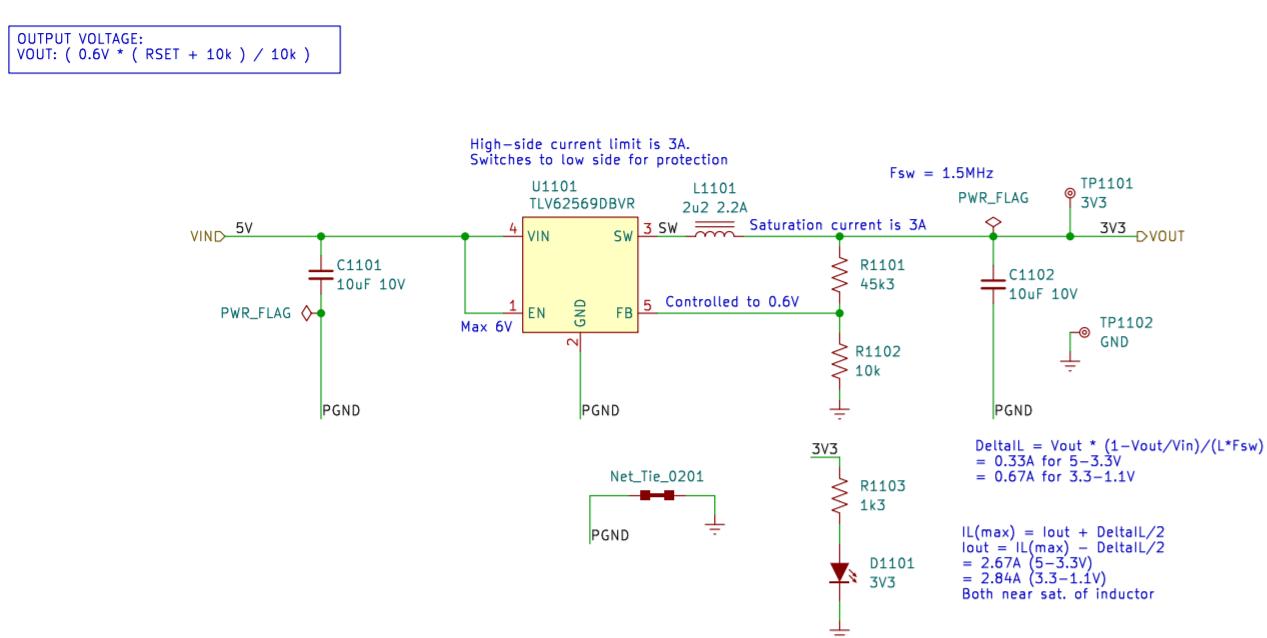


Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KiCad E.D.A. 9.0.5	Sheet: /Power/
	Id: 2/16



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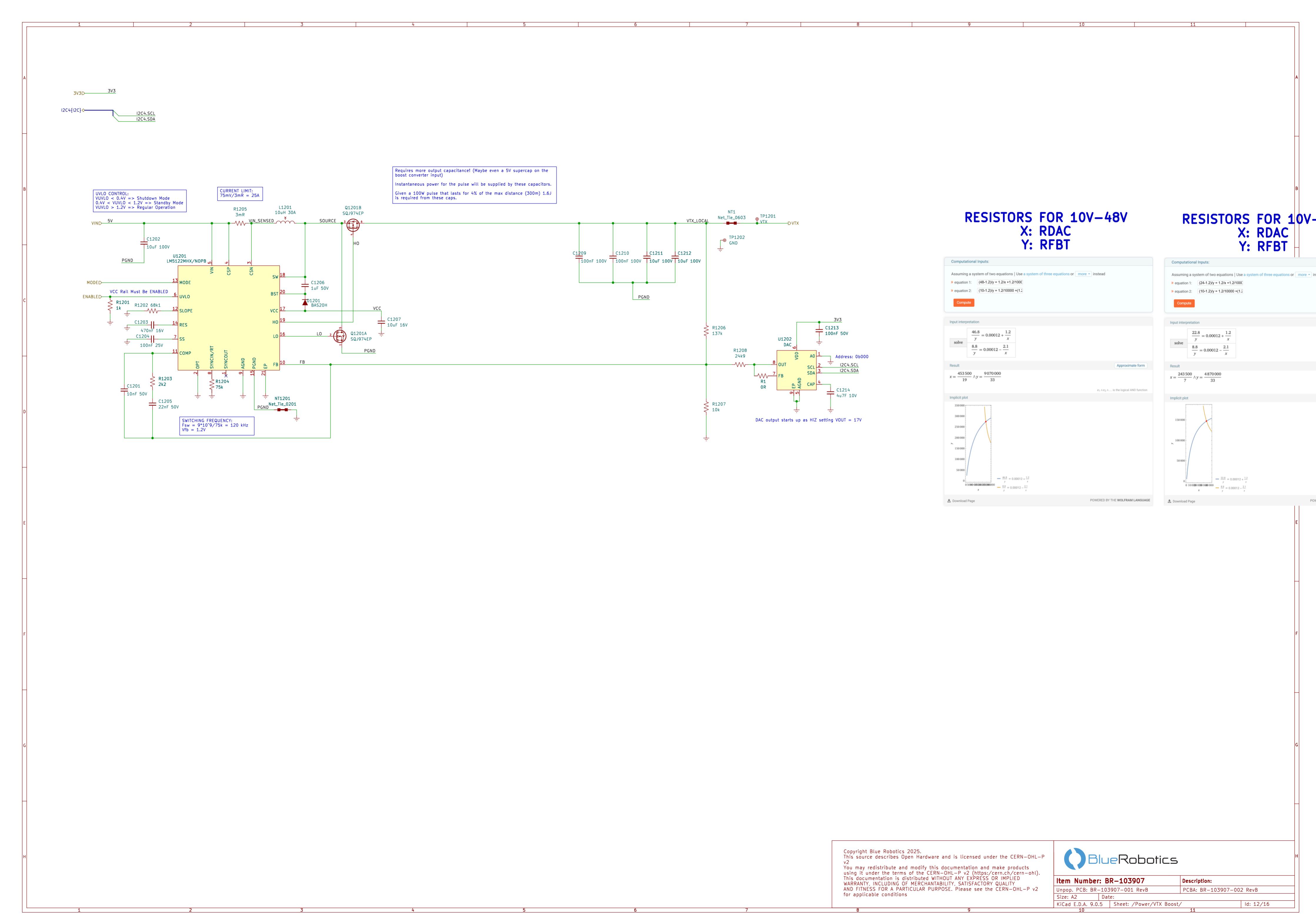
Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KiCad E.D.A. 9.0.5	Sheet: /Power/5V Buck/
	Id: 8/16



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Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KiCad E.D.A. 9.0.5	Sheet: /Power/3V3 Buck/



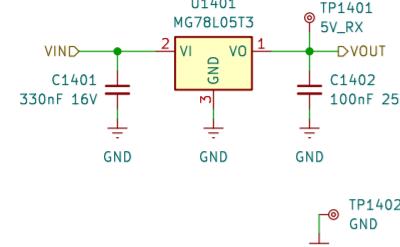
$V_{IN} = 5V$   
 $V_{OUT} = 7V$   
 $V_{out} = V_{IN}/(1-D)$   
 $\rightarrow D = 31.5\%$  (including diode drop)  
 $\rightarrow t_{ON} = 197ns$



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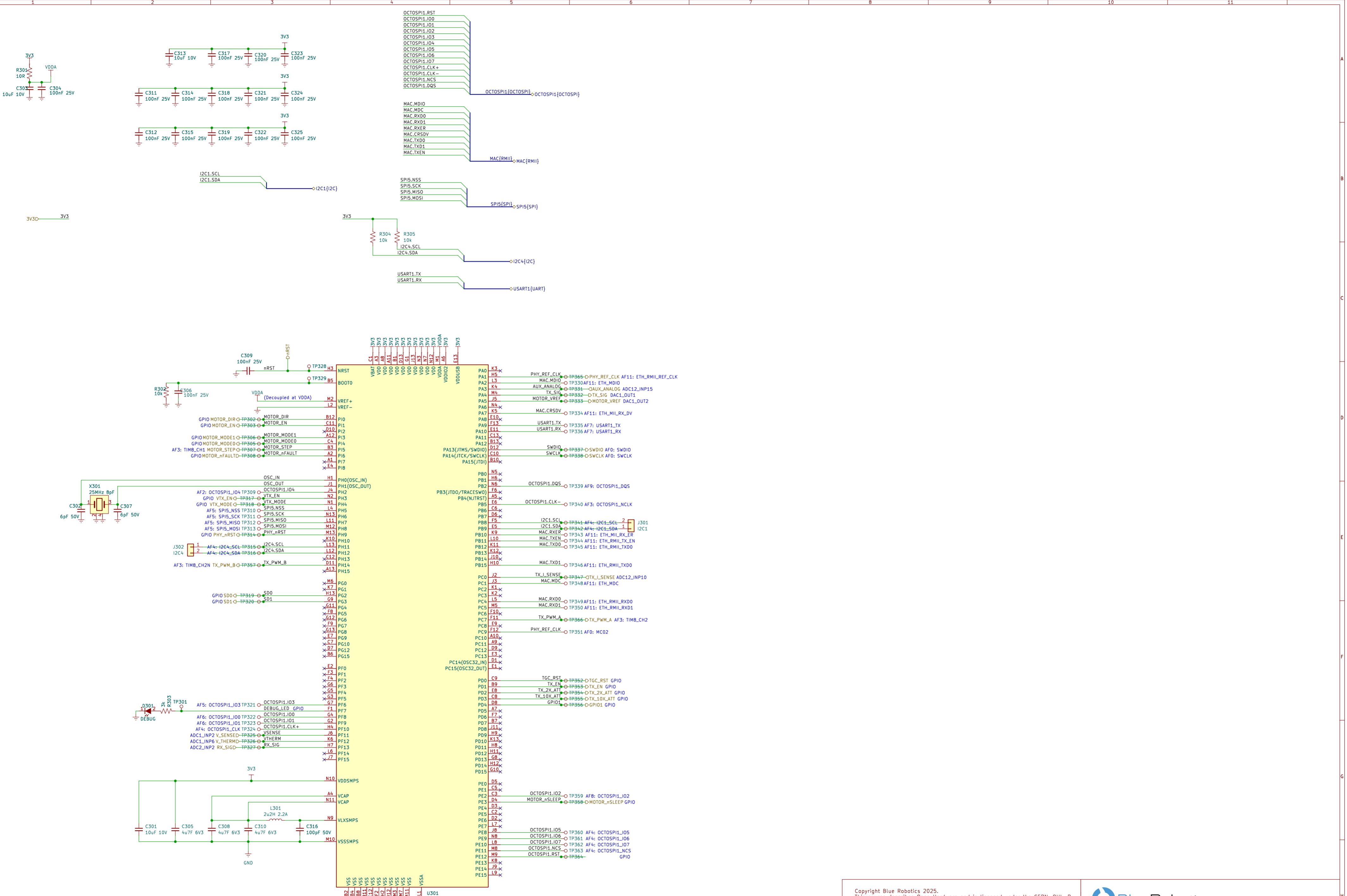
Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KICad E.D.A. 9.0.5	Sheet: /Power/7V Boost/



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<b>Item Number:</b> BR-103907	<b>Description:</b>
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KiCad E.D.A. 9.0.5	Sheet: /Power/5V LDO/

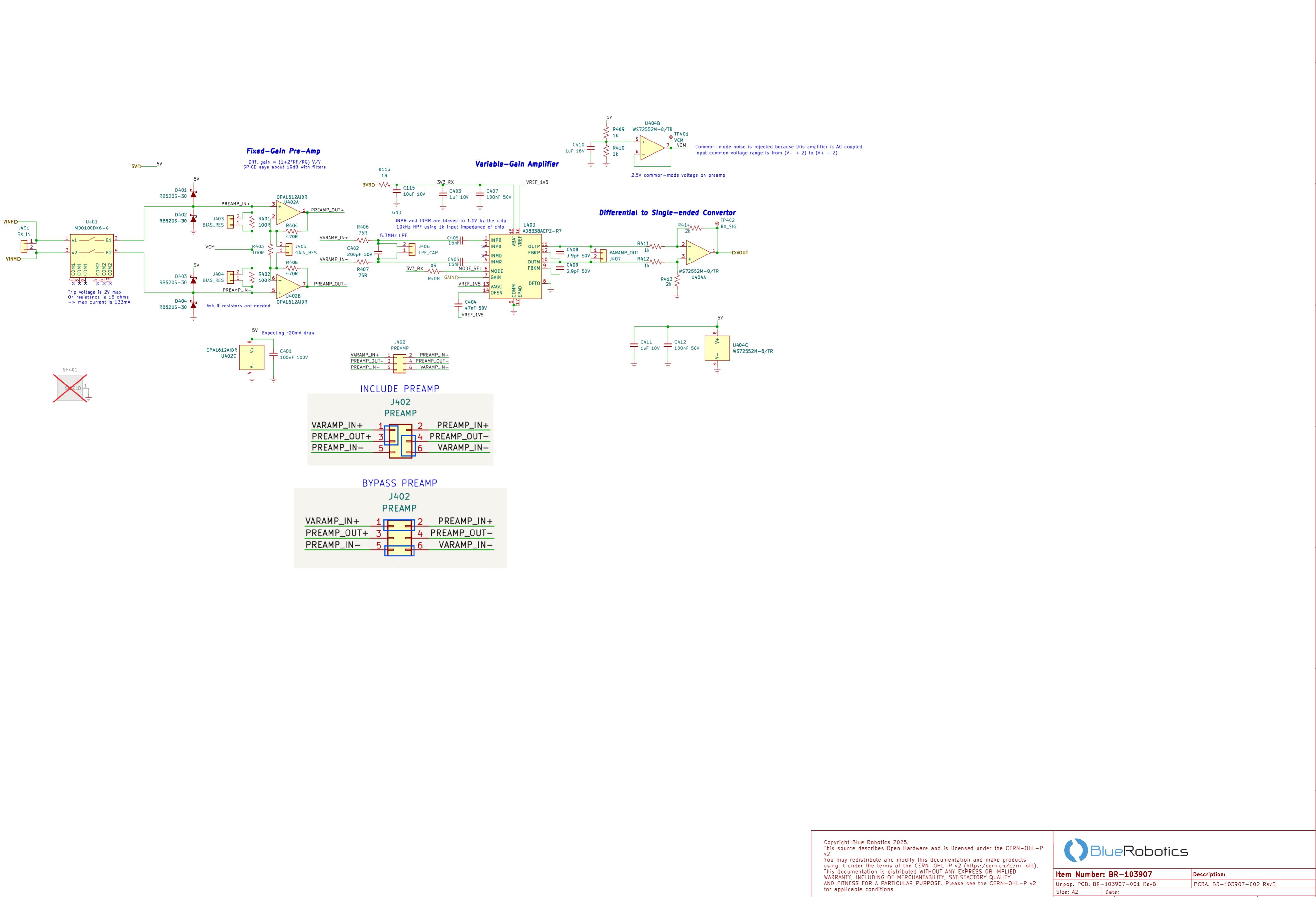
Id: 14/16

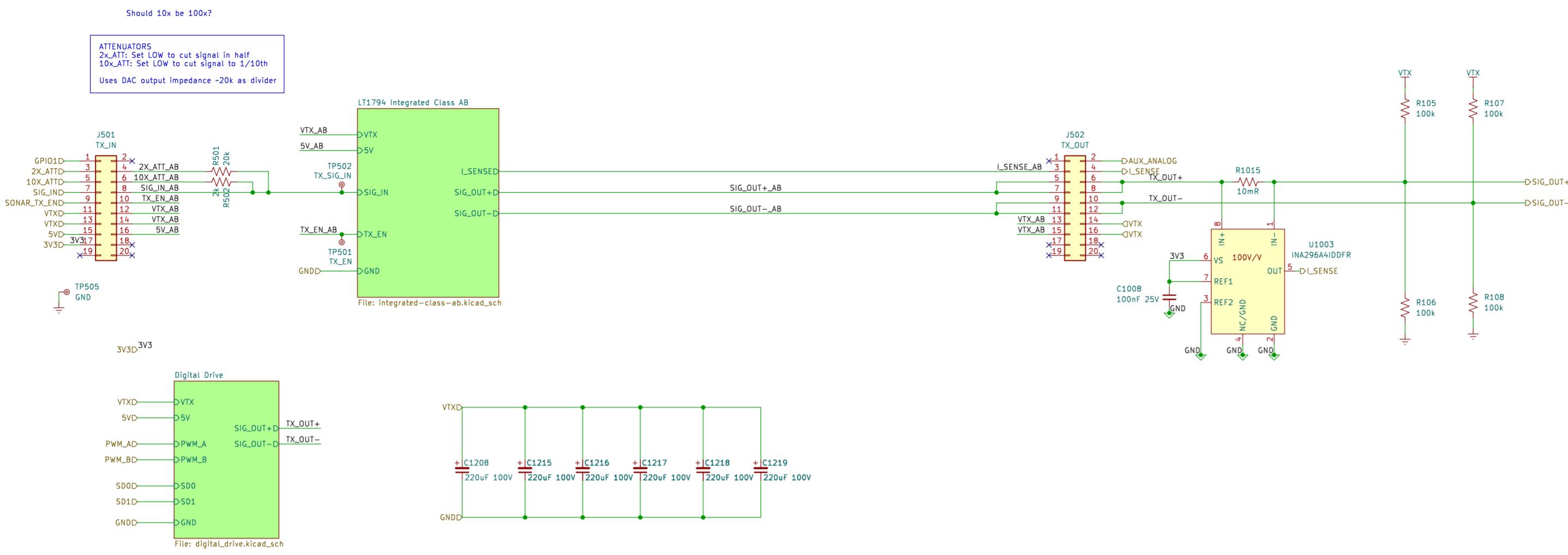
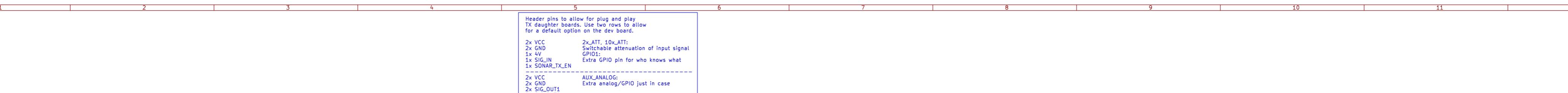


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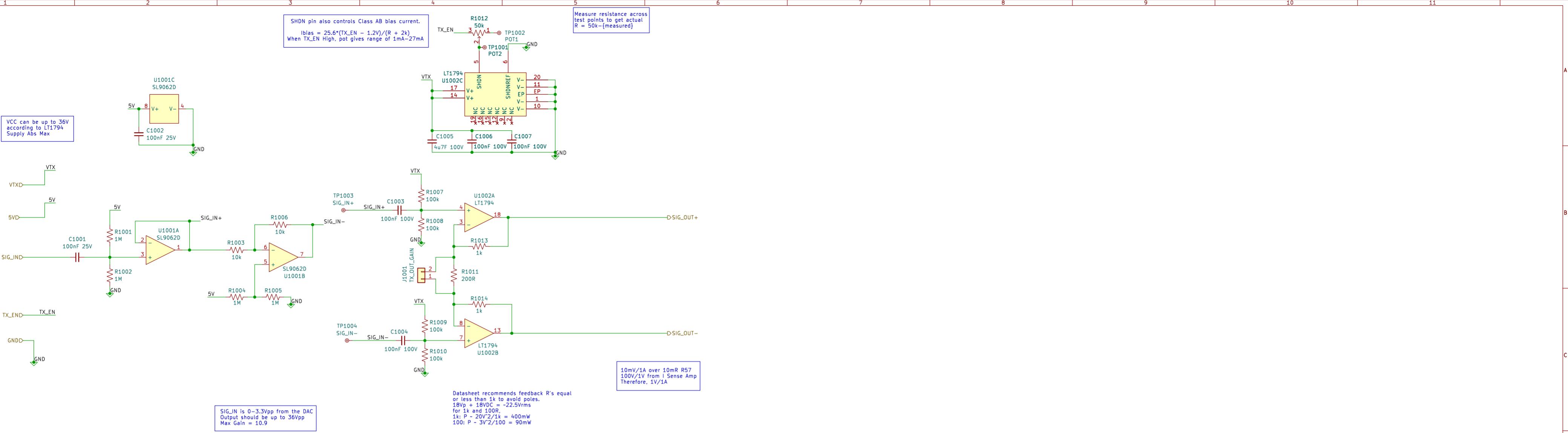
<b>Item Number:</b> BR-103907	<b>Description:</b>
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KICad E.D.A. 9.0.5	Sheet: /MCU/
10	Id: 3/16





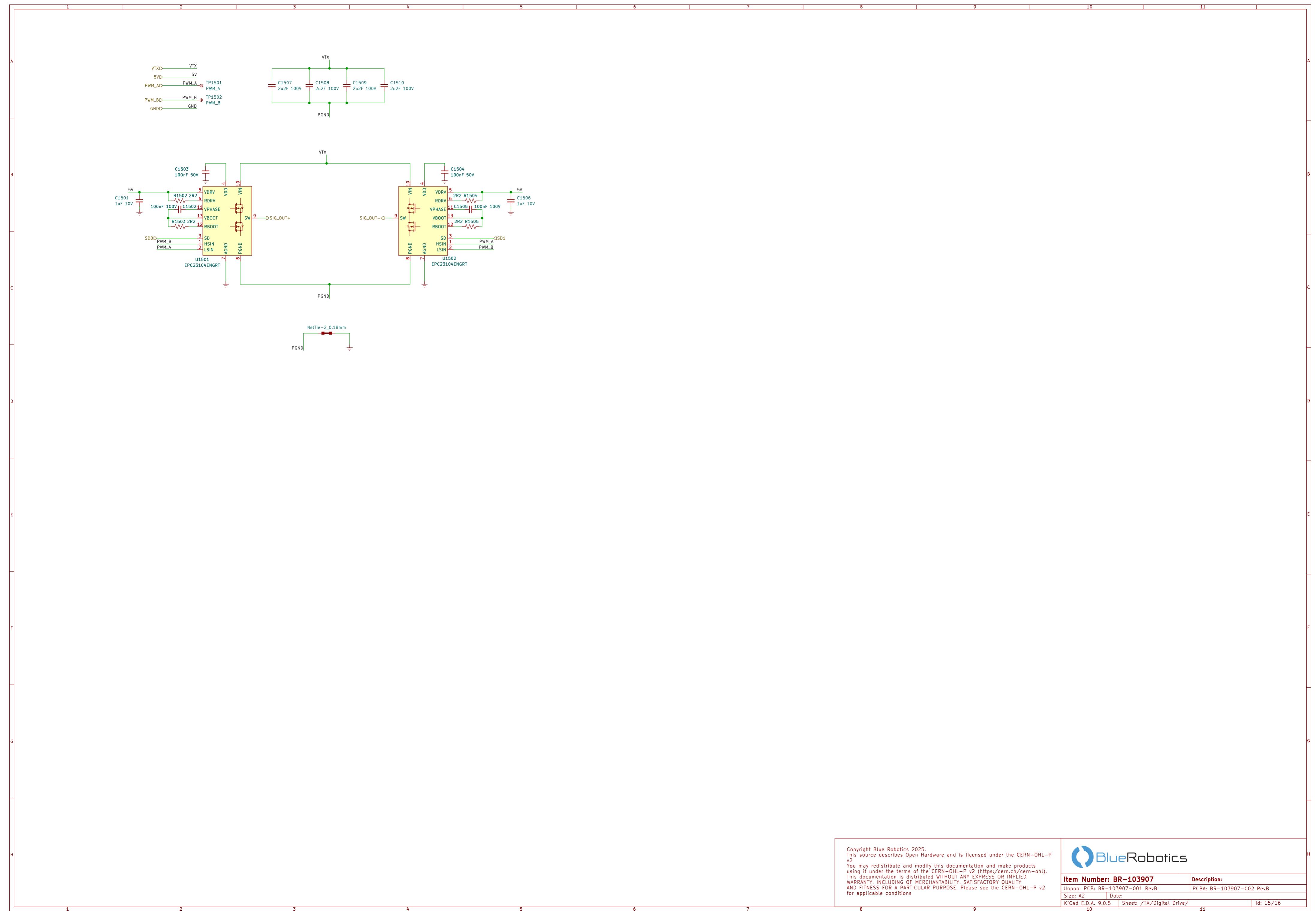
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Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KiCad E.D.A. 9.0.5	Sheet: /TX/



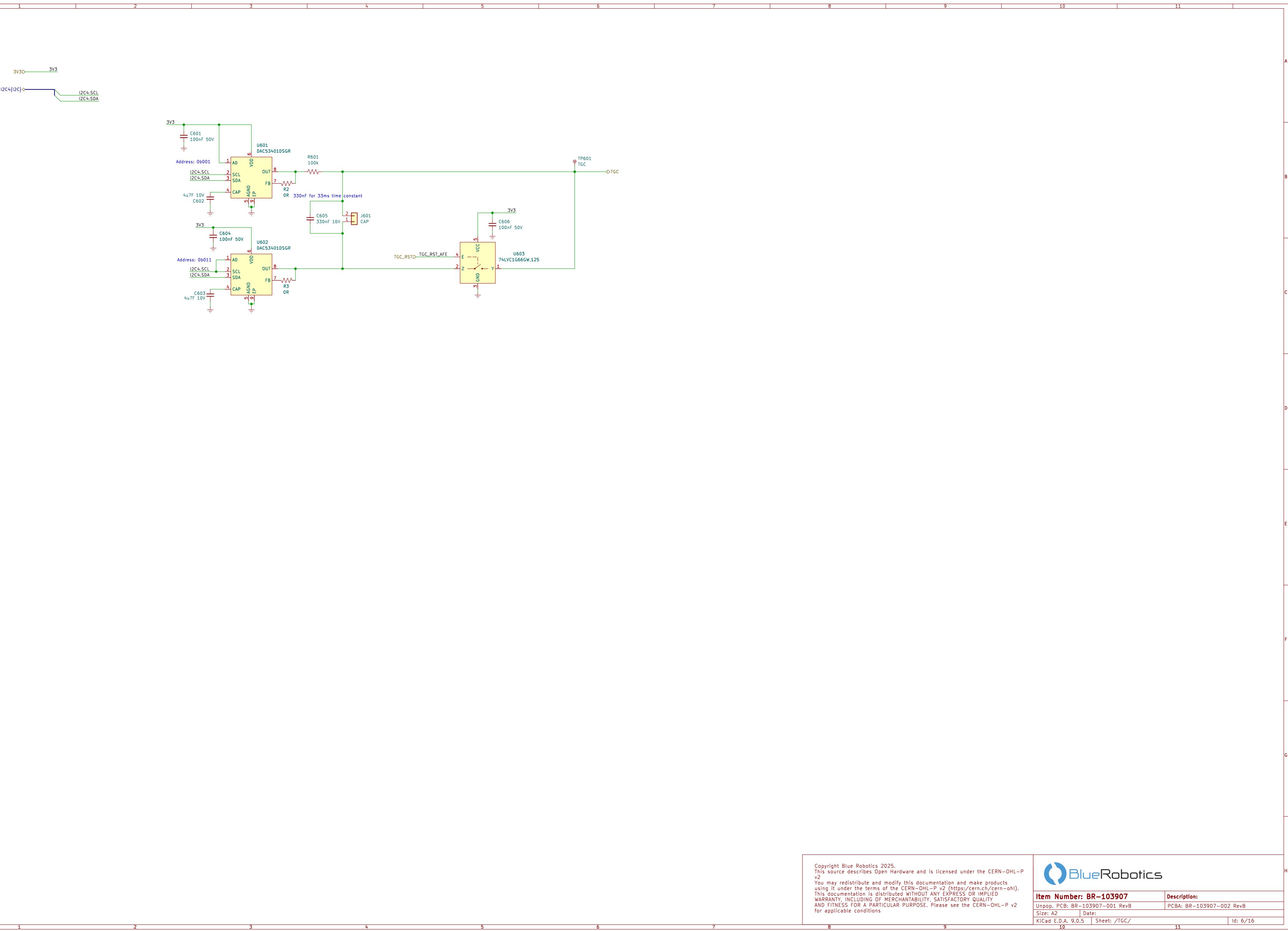
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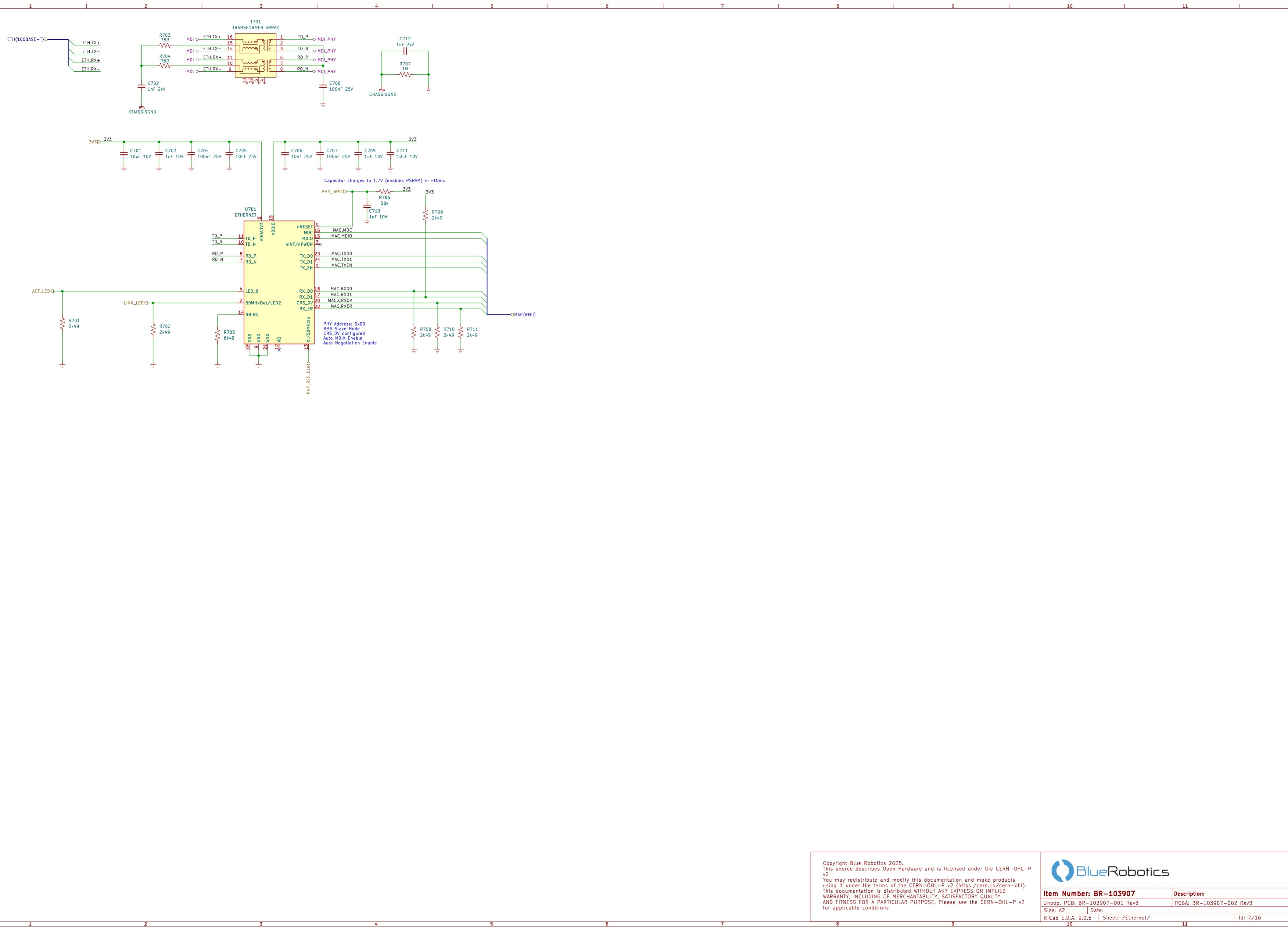
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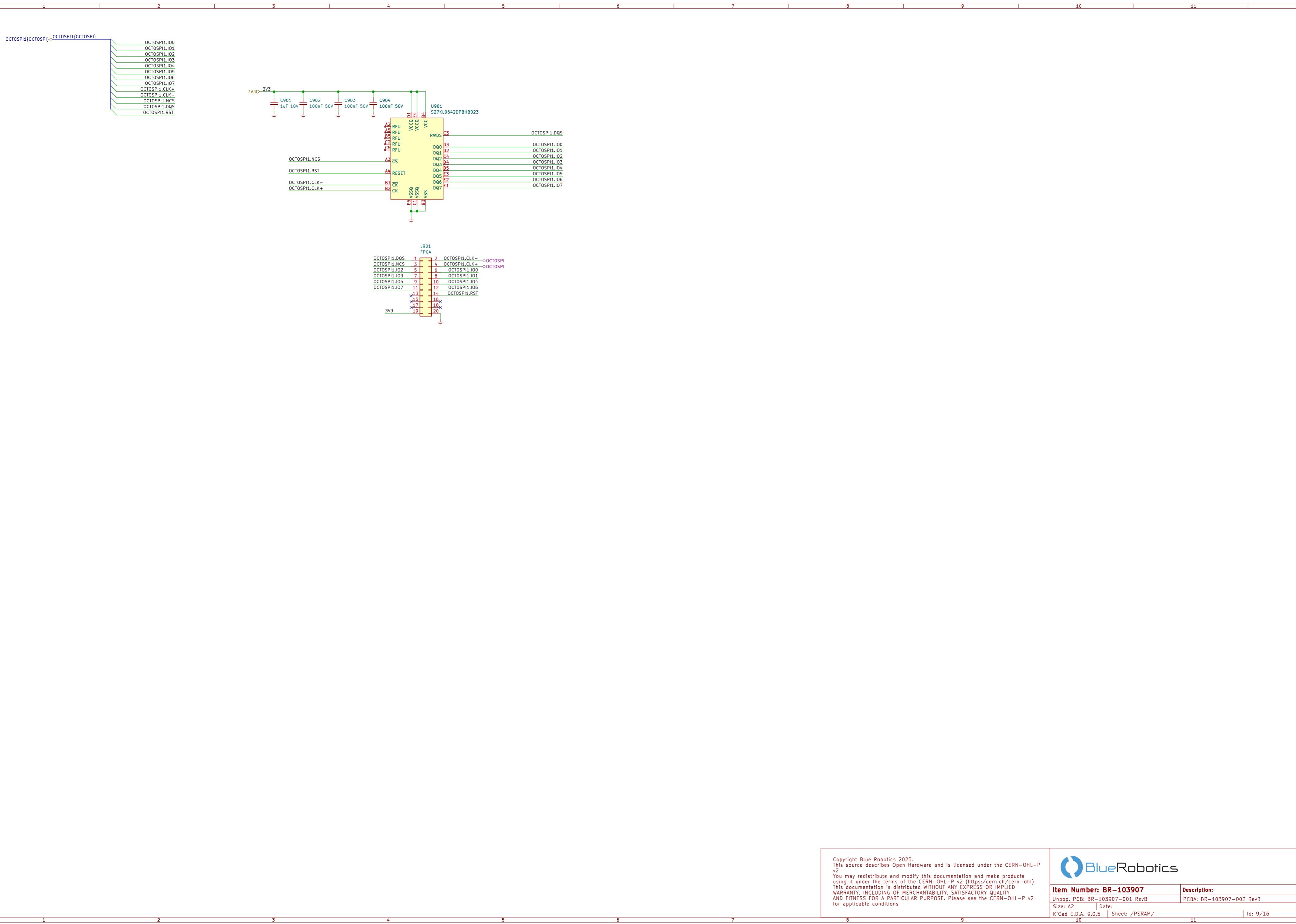
Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KiCad E.D.A. 9.0.5	Sheet: /TX/Digital Drive/
	Id: 15/16





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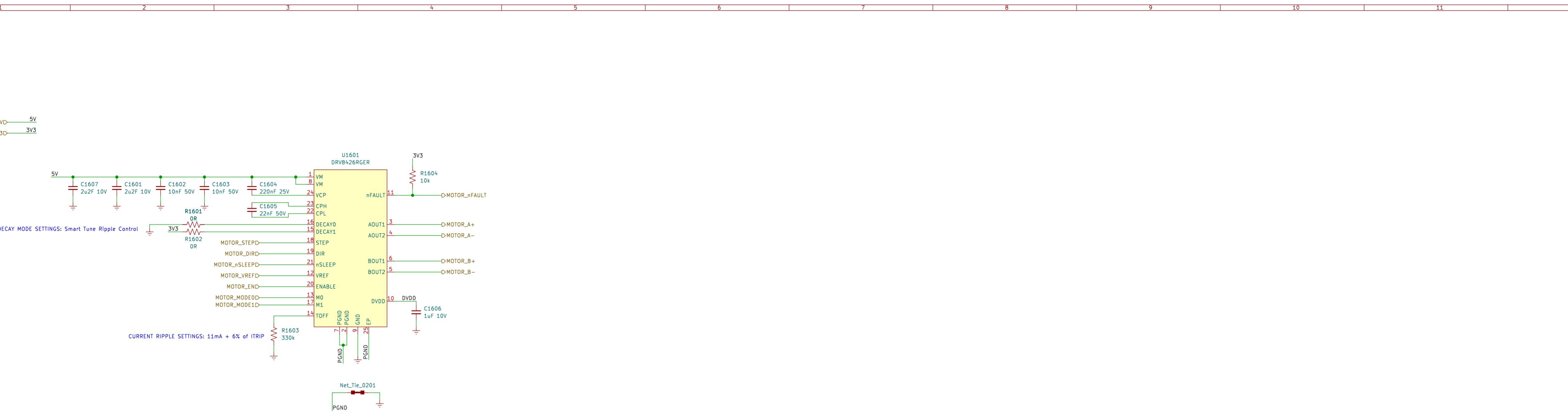
Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KiCad E.D.A. 9.0.5	Sheet: /Ethernet/



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Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KICad E.D.A. 9.0.5	Sheet: /PSRAM/



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<b>Item Number:</b> BR-103907	<b>Description:</b>
Unpop. PCB: BR-103907-001 RevB	PCBA: BR-103907-002 RevB
Size: A2	Date:
KiCad E.D.A. 9.0.5	Sheet: /Stepper Driver/