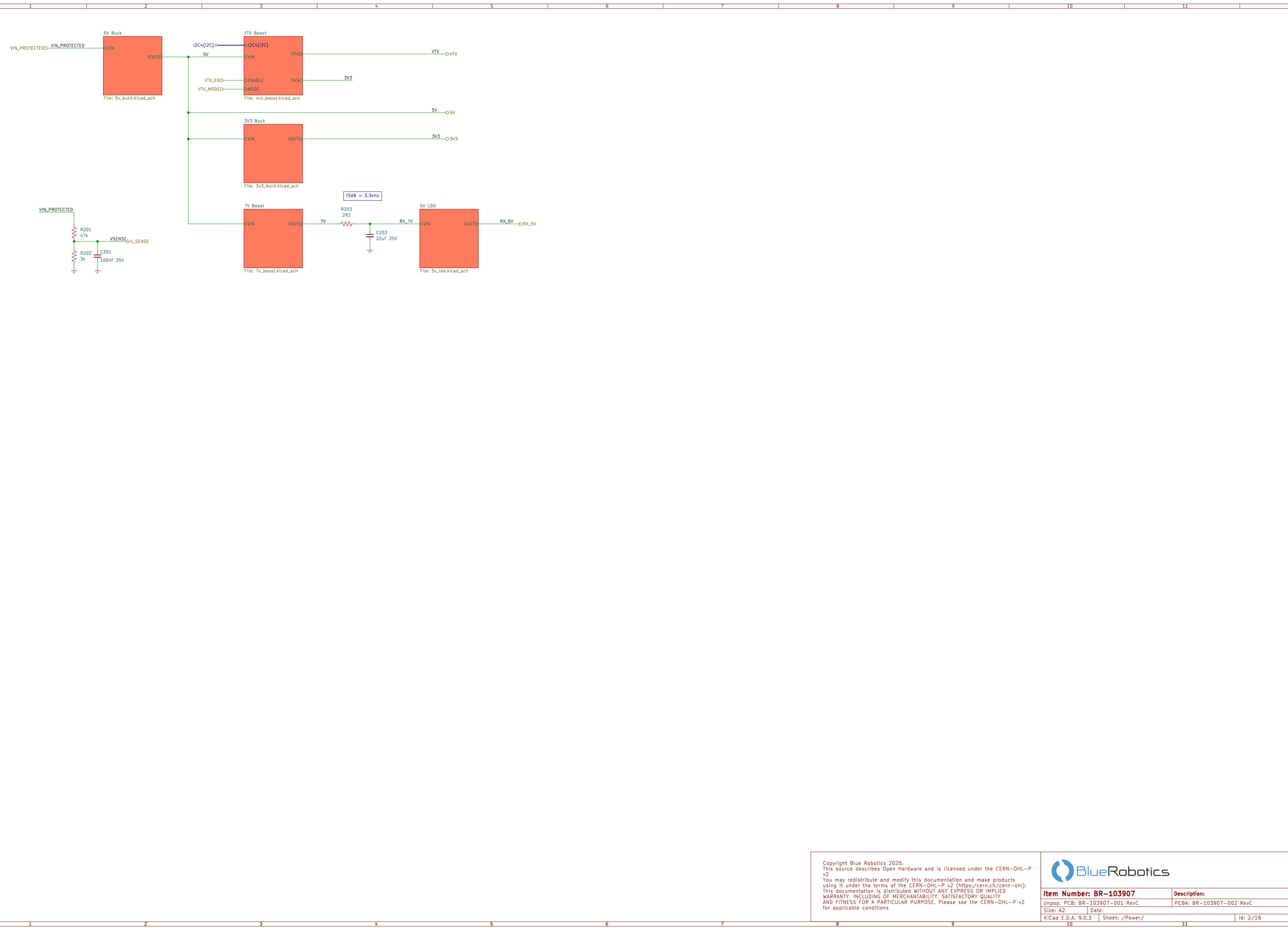


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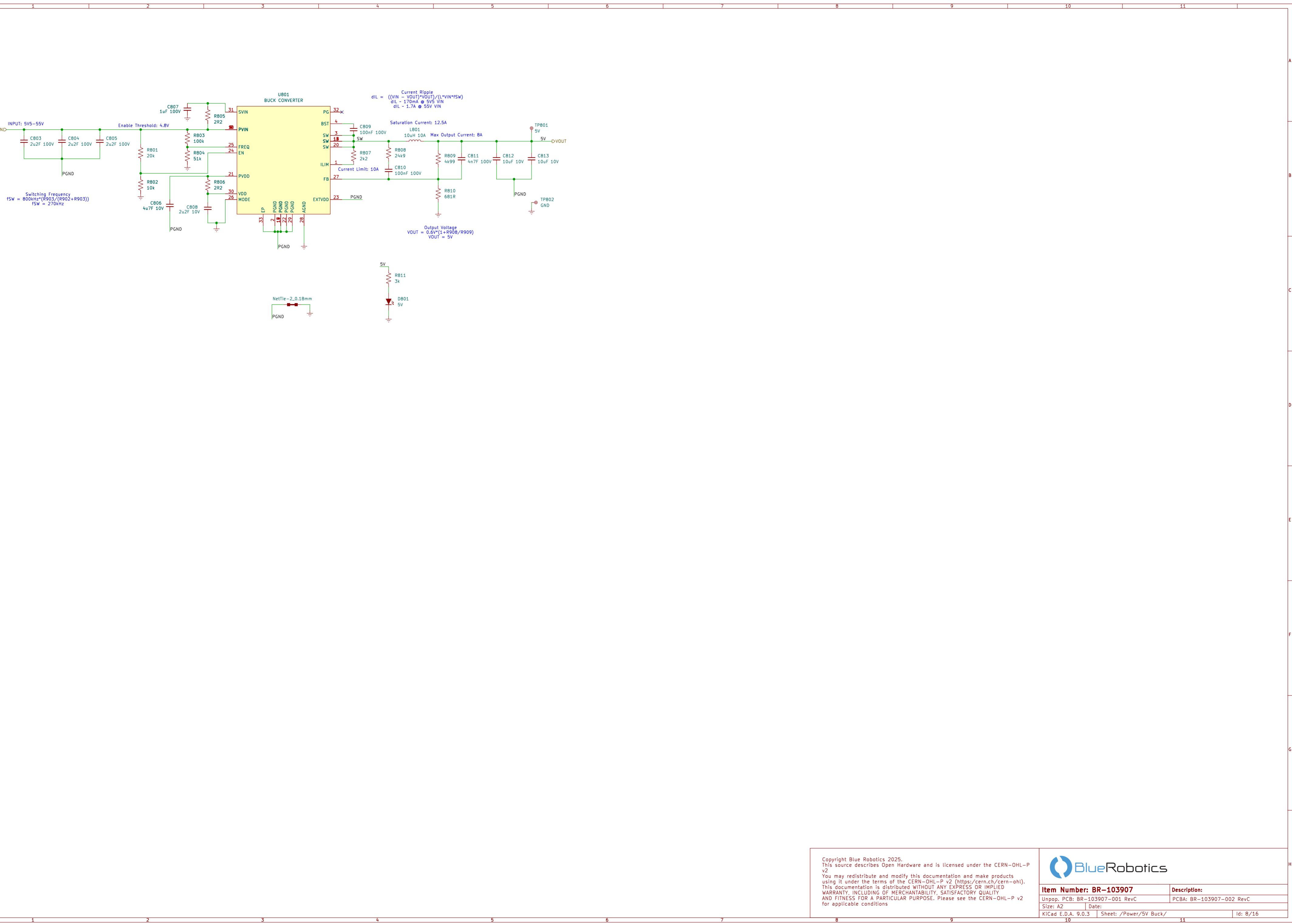
Item Number: BR-103907	Description: Sonar Development Board
Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
Size: A2	Date: 2025-06-13
KiCad E.D.A. 9.0.3	Sheet: /

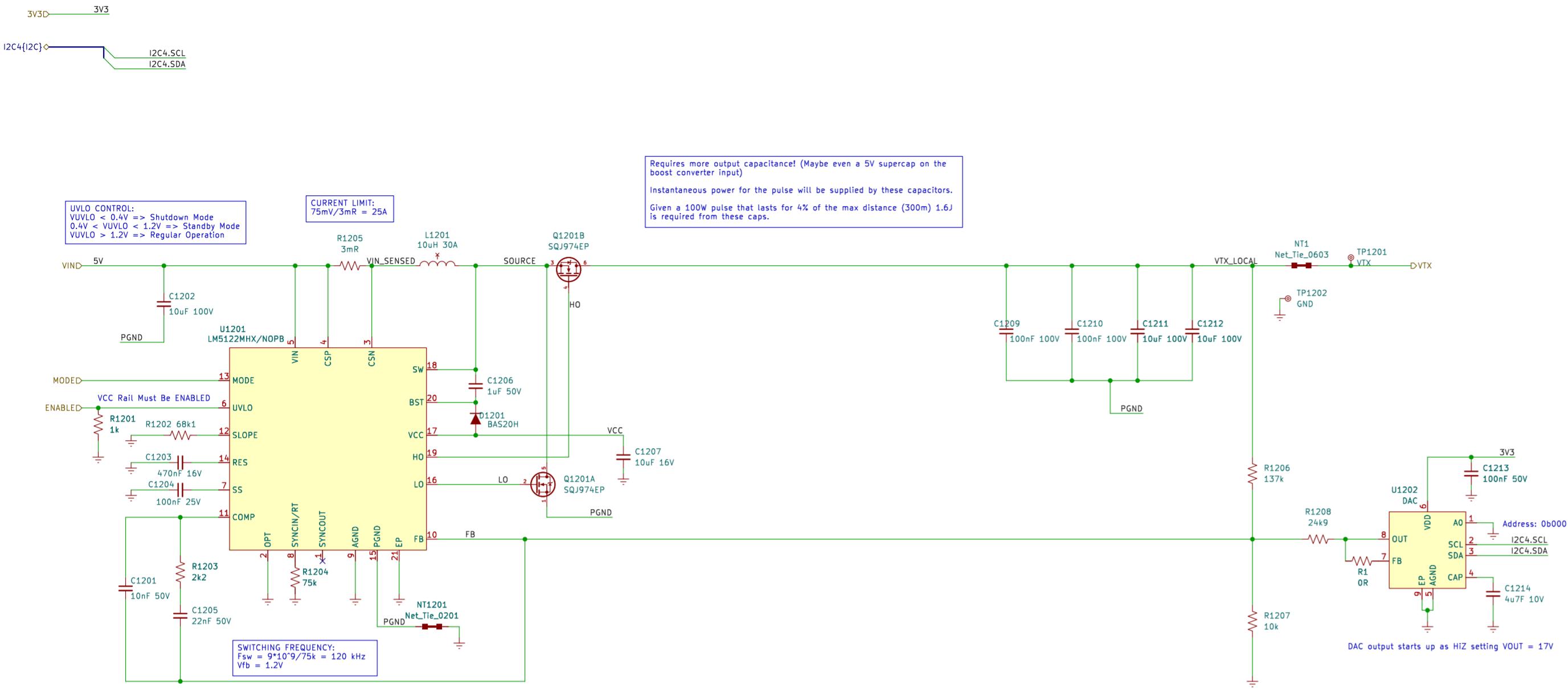
Id: 1/16



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Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
Size: A2	Date:
KiCad E.D.A. 9.0.3	Sheet: /Power/
	Id: 2/16

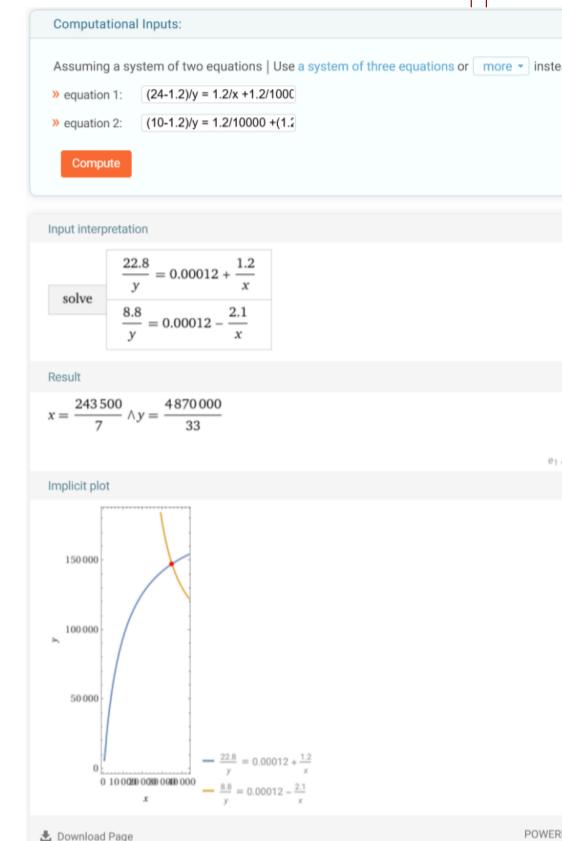
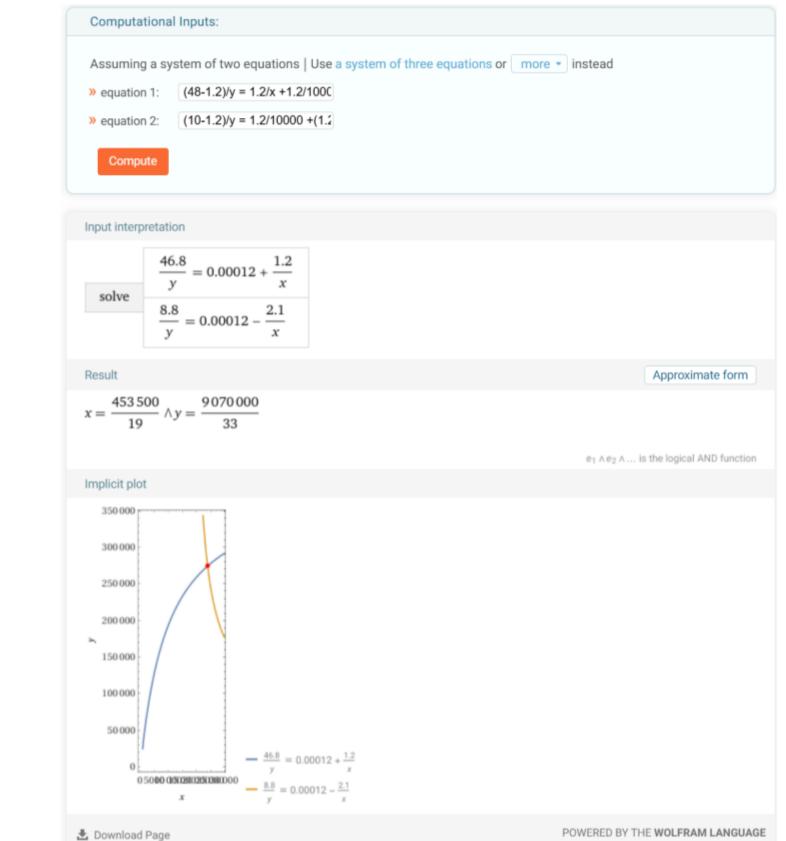




RESISTORS FOR 10V–48V

X: RDAC
Y: RFBT

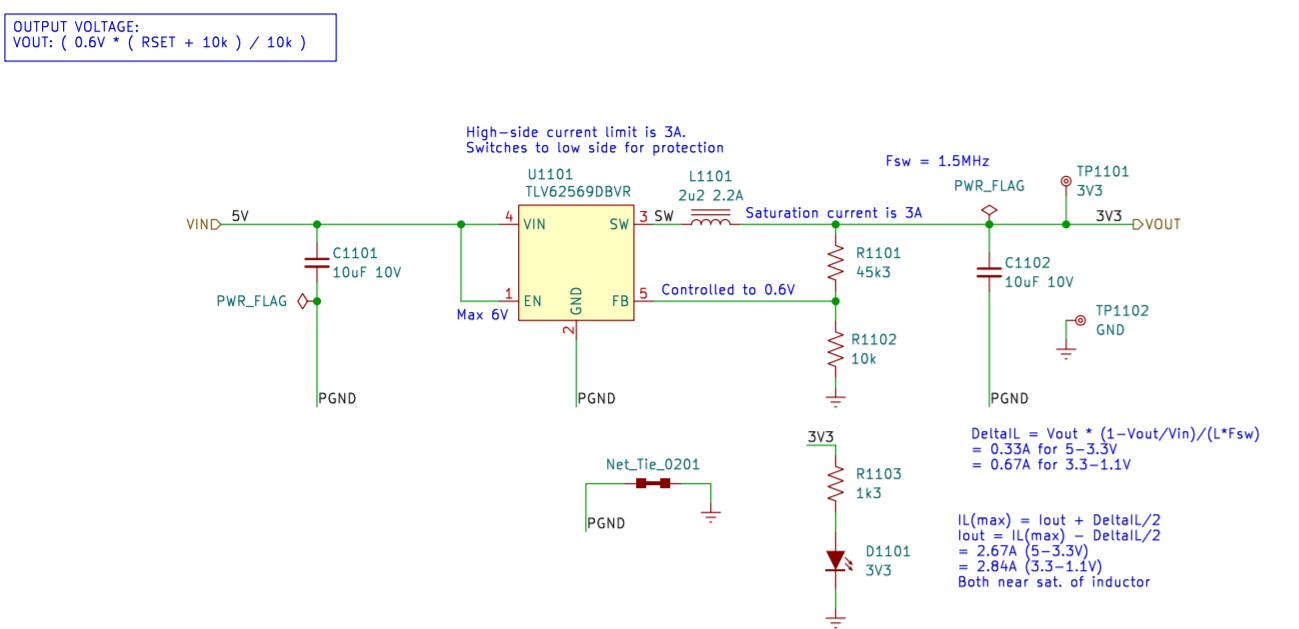
RESISTORS FOR 10V- X: RDAC Y: RFBT



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Item Number: BR-103907	Description:
Pop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
e: A2	Date:
Lead E.D.A. 9.0.3	Sheet: /Power/VTX Boost/
10	Id: 12/16 11

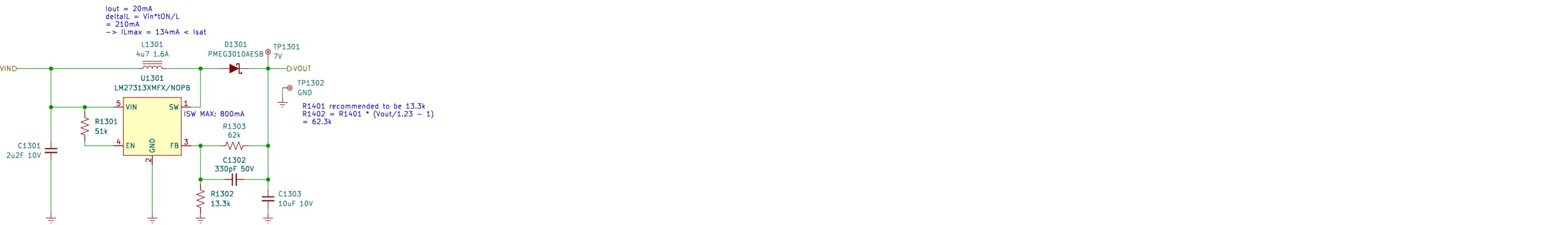


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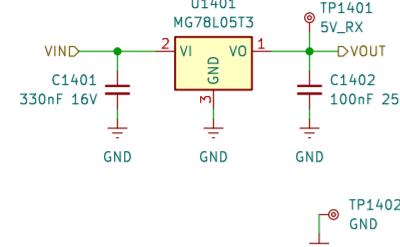
Item Number: BR-103907	Description:	
Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC	
Size: A2	Date:	
KiCad E.D.A. 9.0.3	Sheet: /Power/3V3 Buck/	Id: 11/16

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



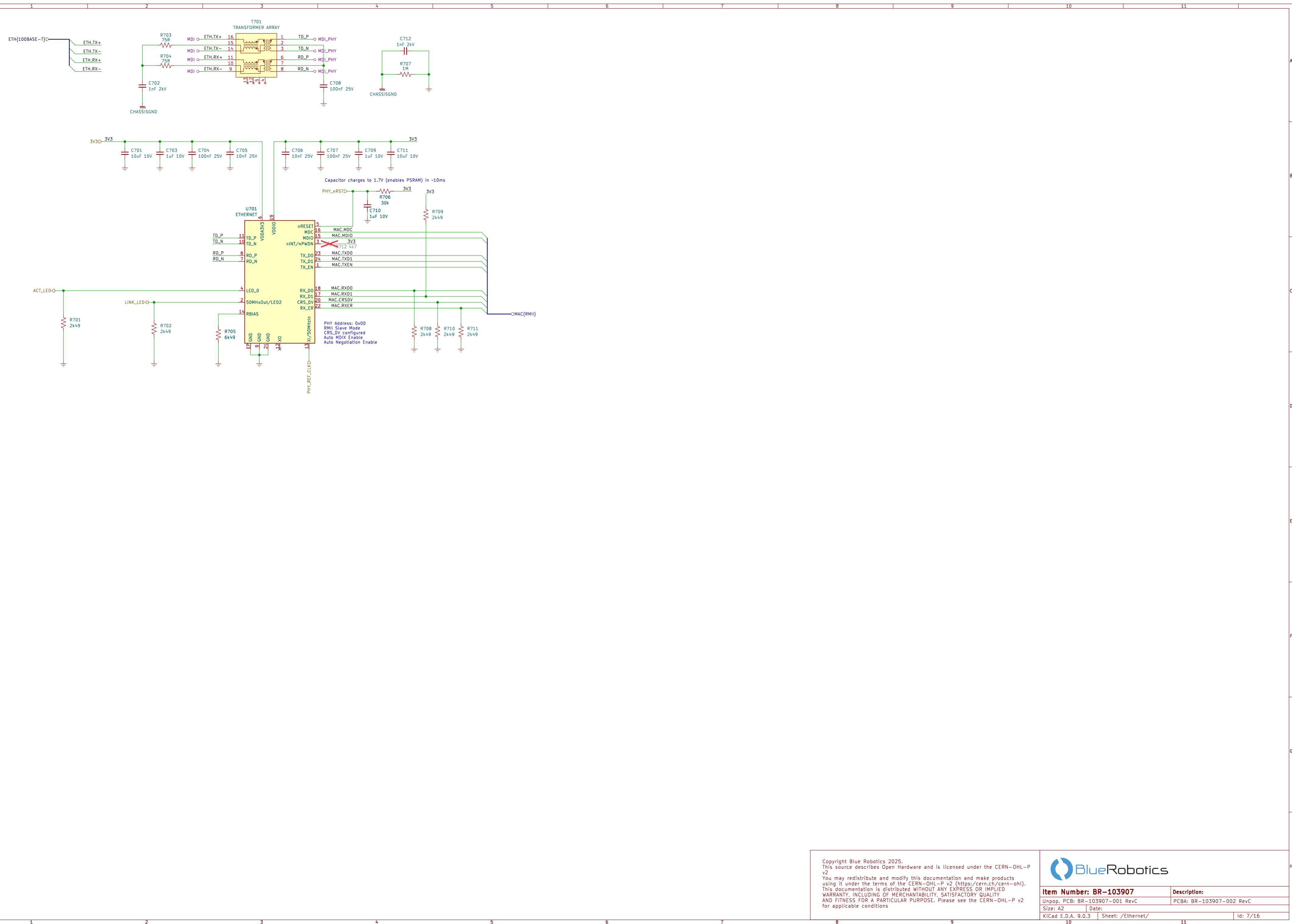
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Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
Size: A2	Date:
KiCad E.D.A. 9.0.3	Sheet: /Power/7V Boost/



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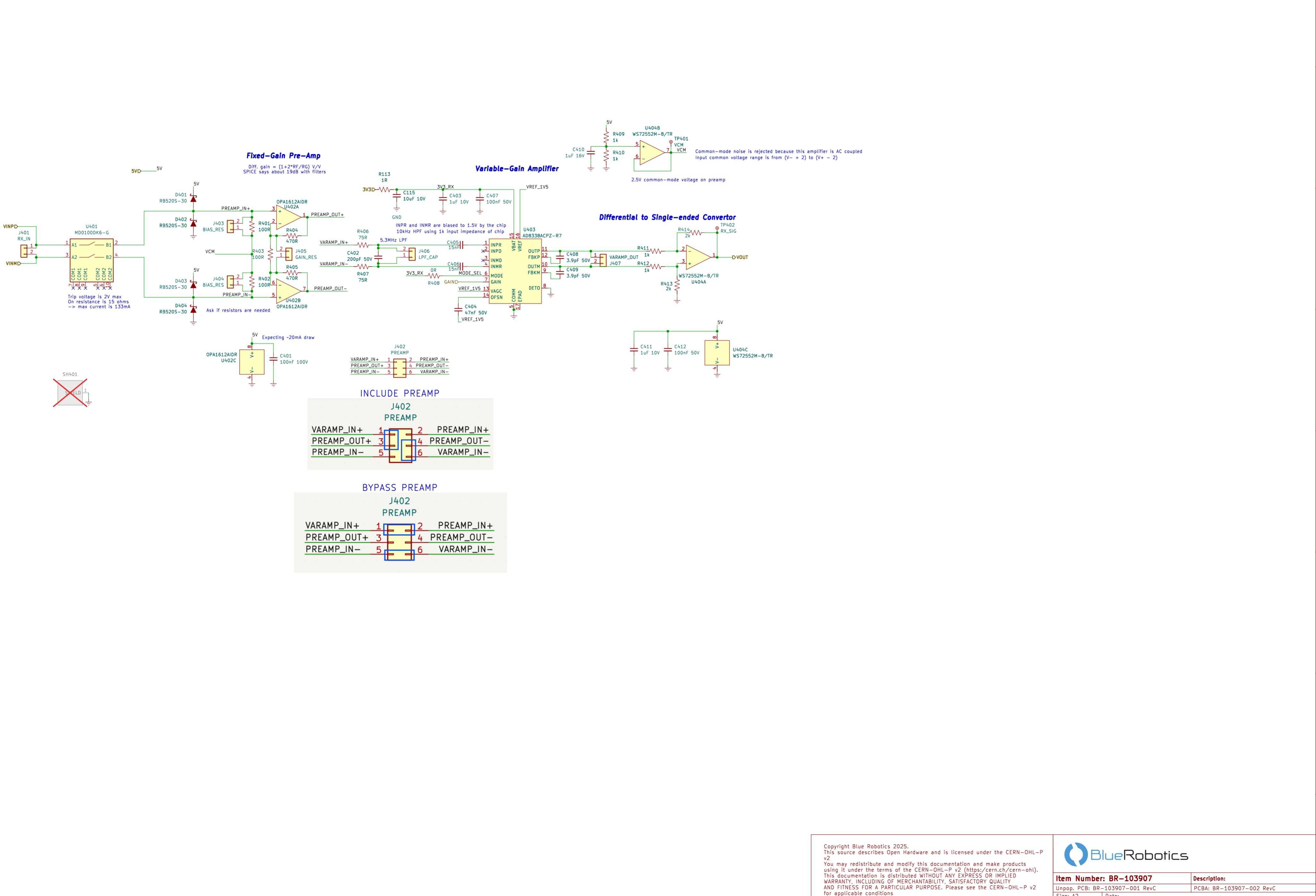
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Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
Size: A2	Date:
KiCad E.D.A. 9.0.3	Sheet: /Power/5V LDO/

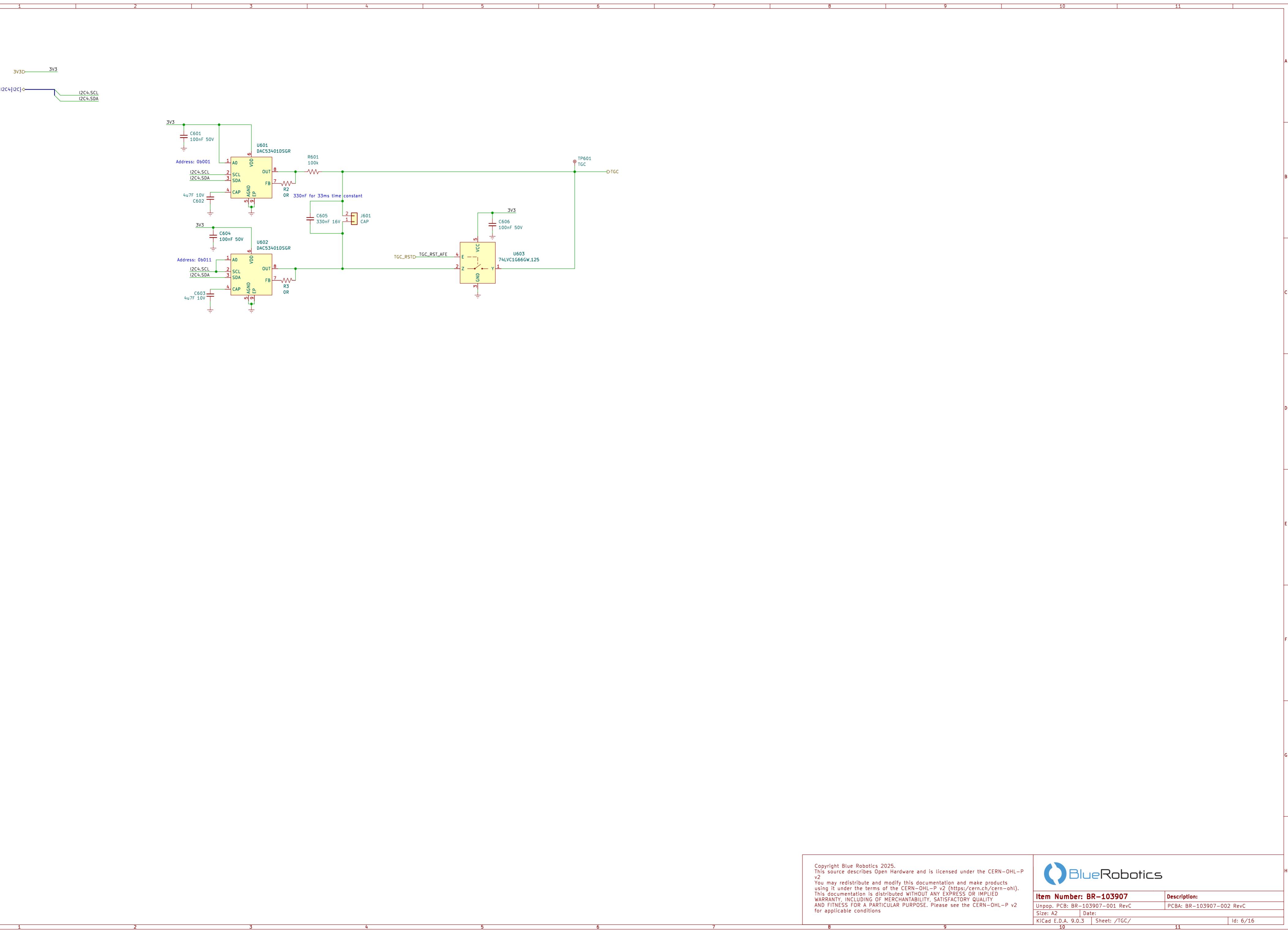


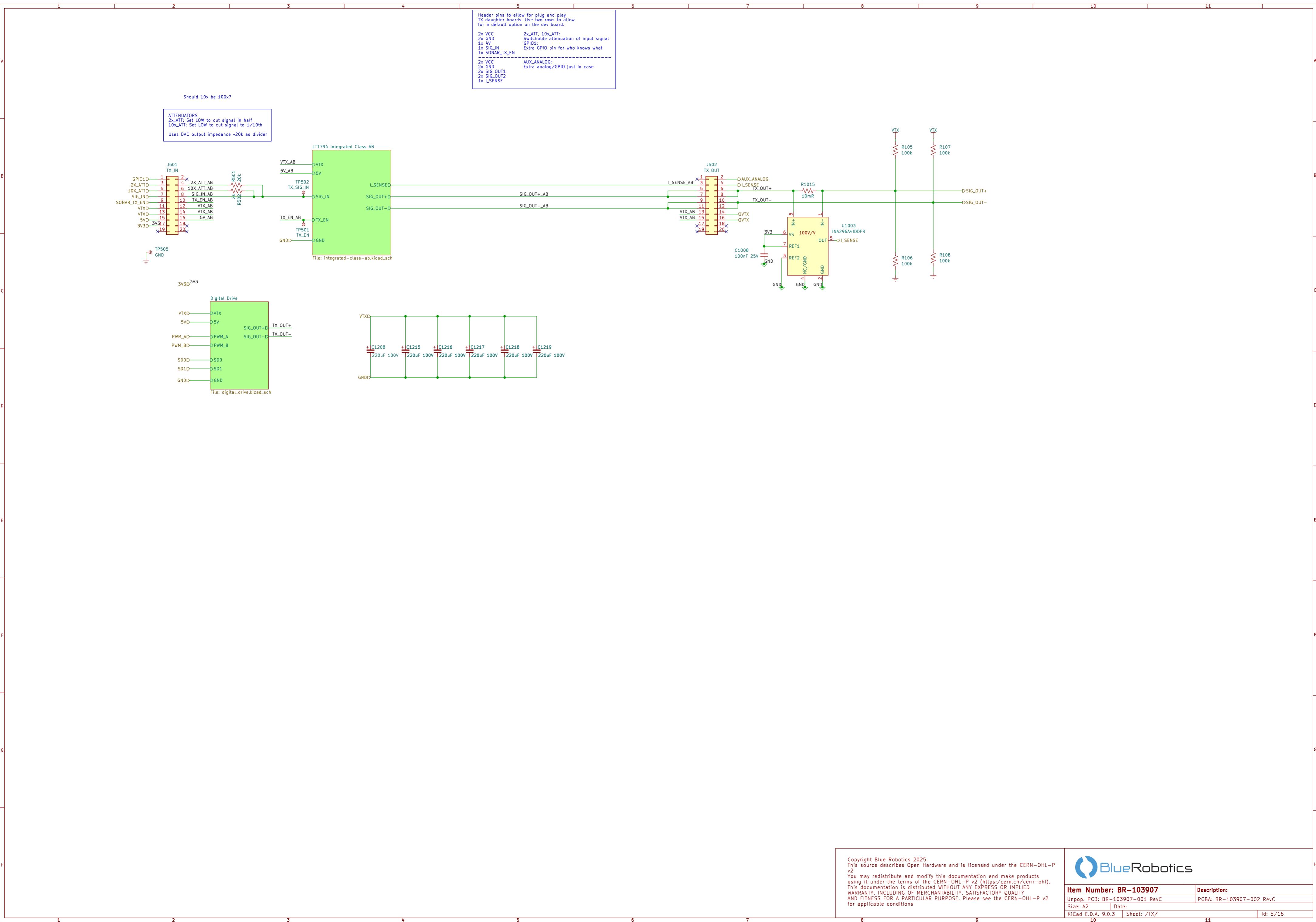
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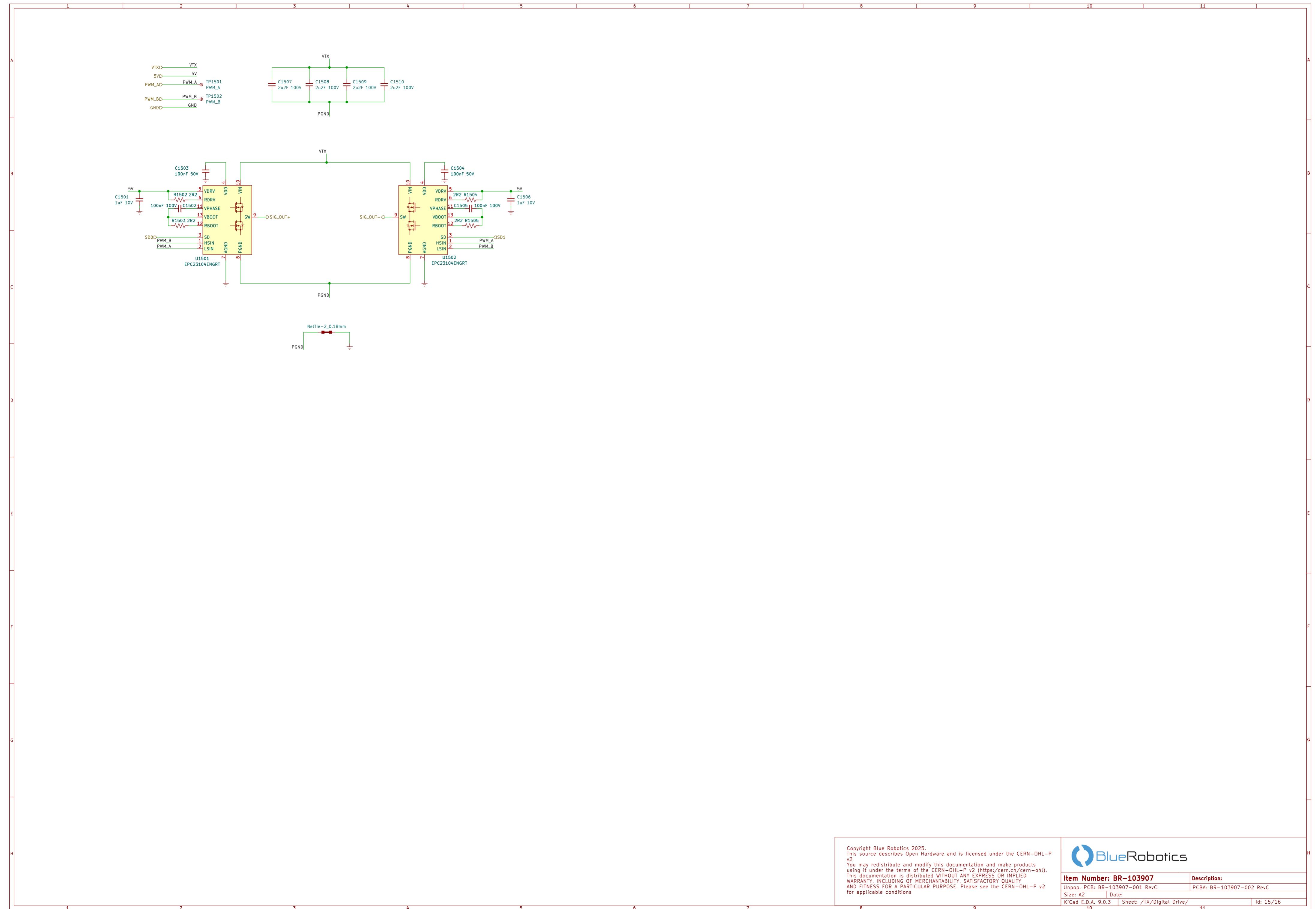
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Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
Size: A2	Date:
KiCad E.D.A. 9.0.3	Sheet: /Ethernet/



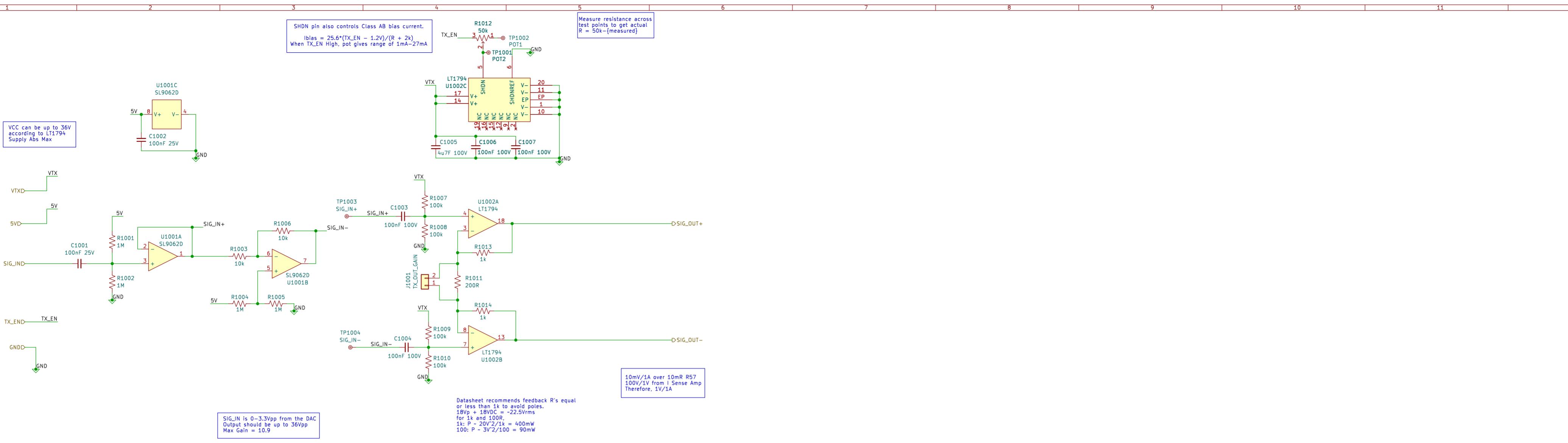






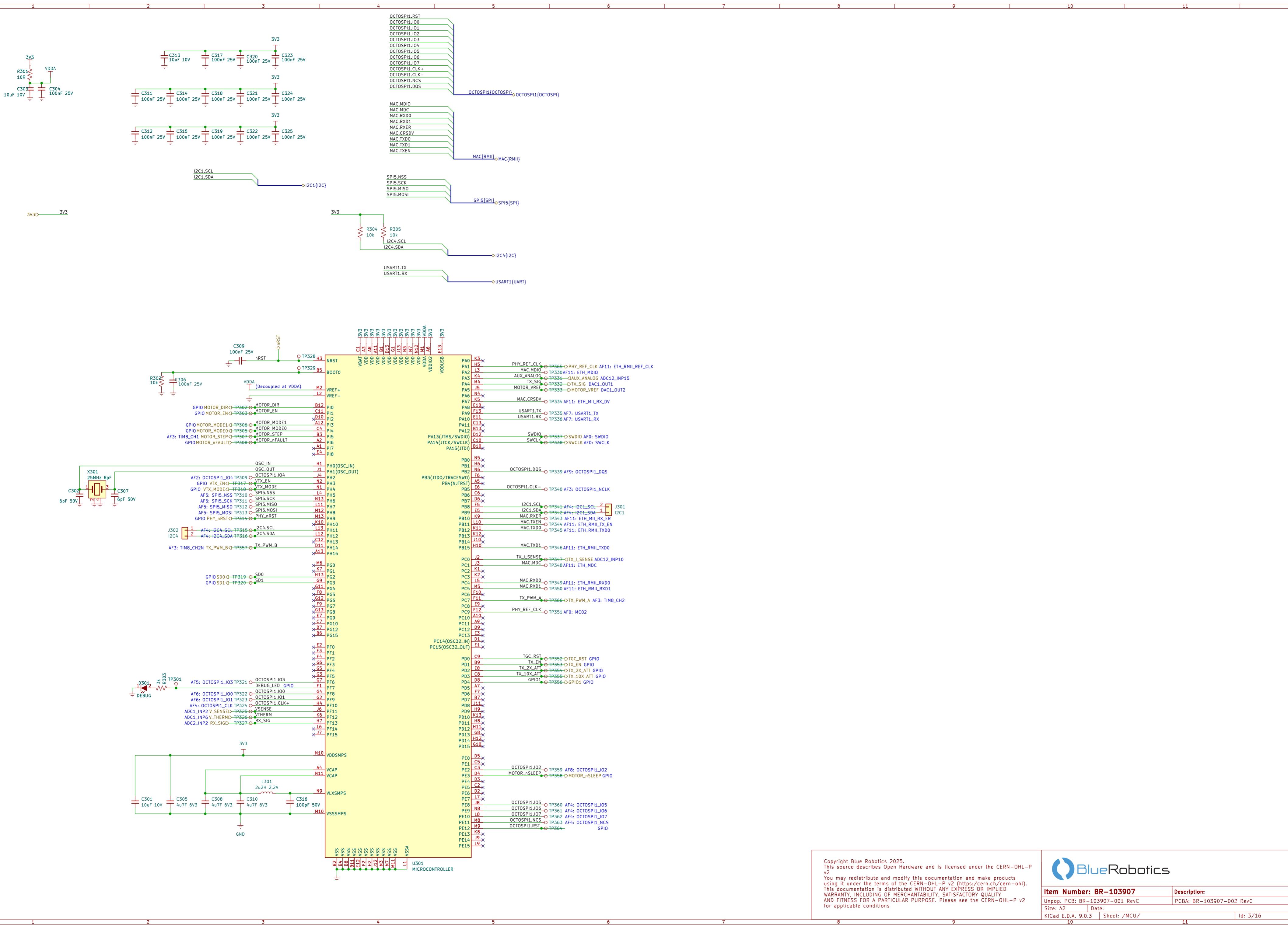
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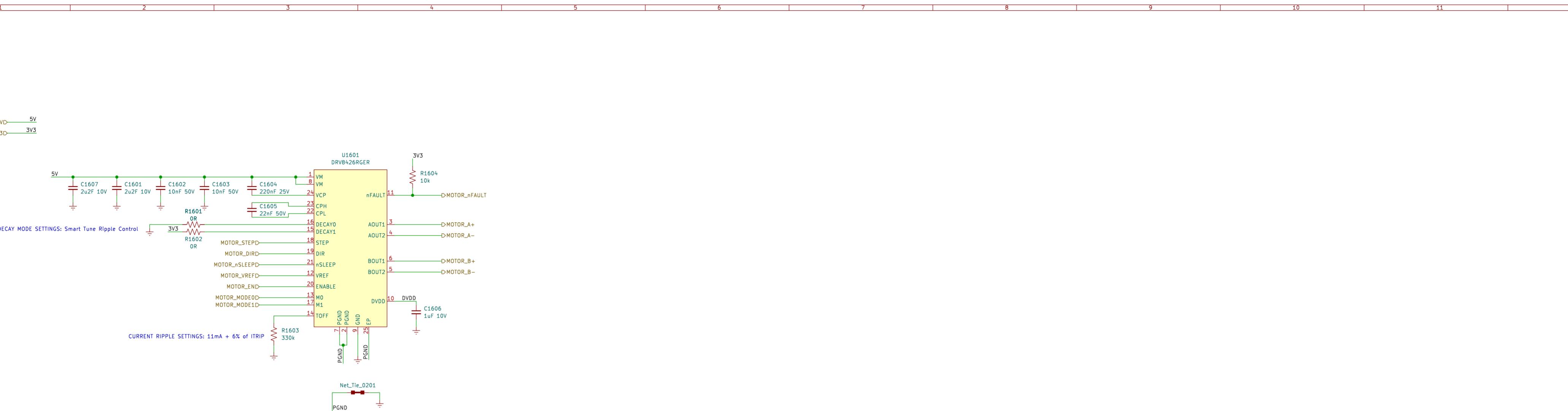
Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
Size: A2	Date:
KiCad E.D.A. 9.0.3	Sheet: /TX/Digital Drive/
	Id: 15/16



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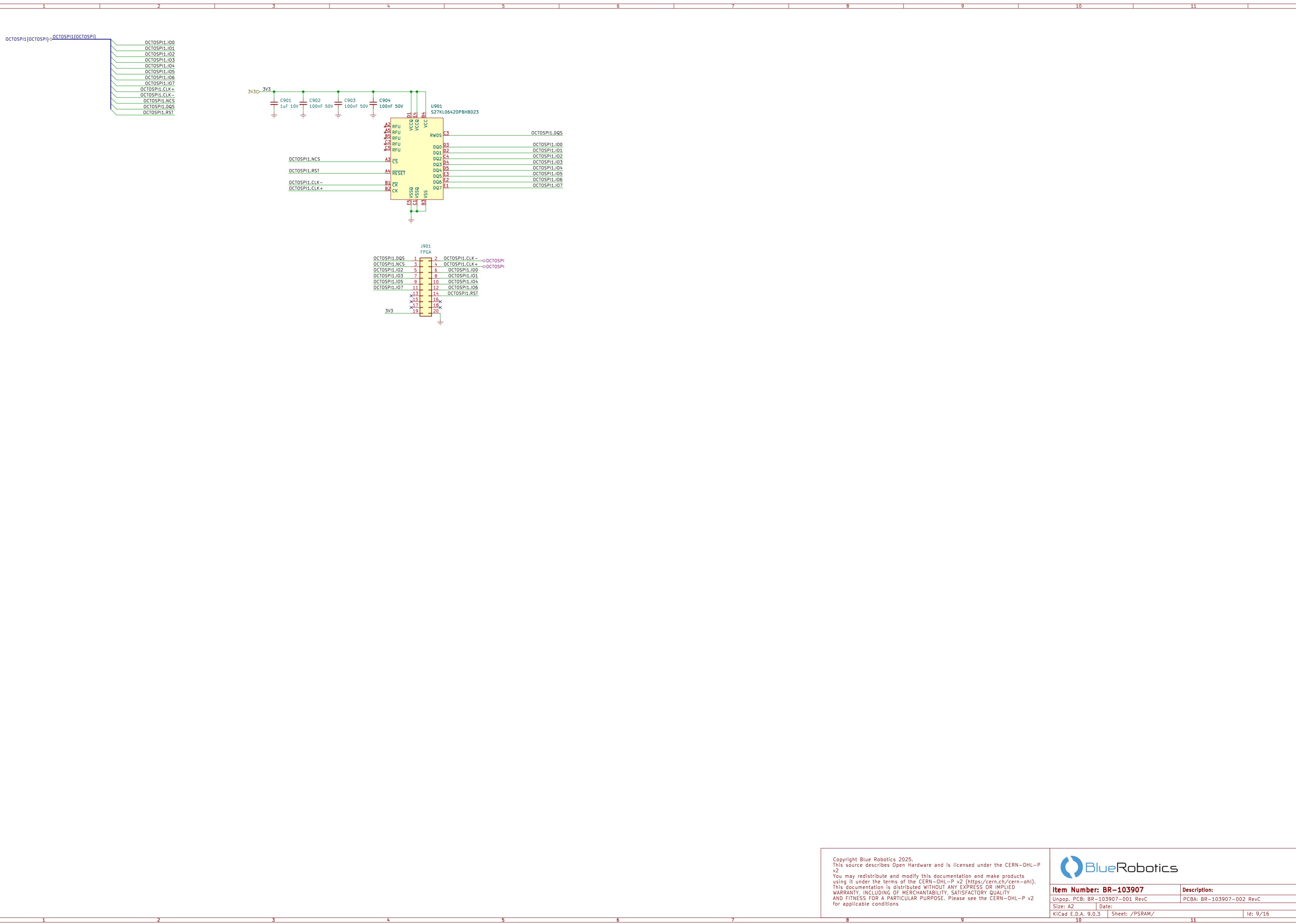
Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
Size: A2	Date:
KiCad E.D.A. 9.0.3	Sheet: /TX/LT1794 Integrated Class AB/
	Id: 10/16





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Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
Size: A2	Date:
KiCad E.D.A. 9.0.3	Sheet: /Stepper Driver/



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Item Number: BR-103907	Description:
Unpop. PCB: BR-103907-001 RevC	PCBA: BR-103907-002 RevC
Size: A2	Date:
KICad E.D.A. 9.0.3	Sheet: /PSRAM/