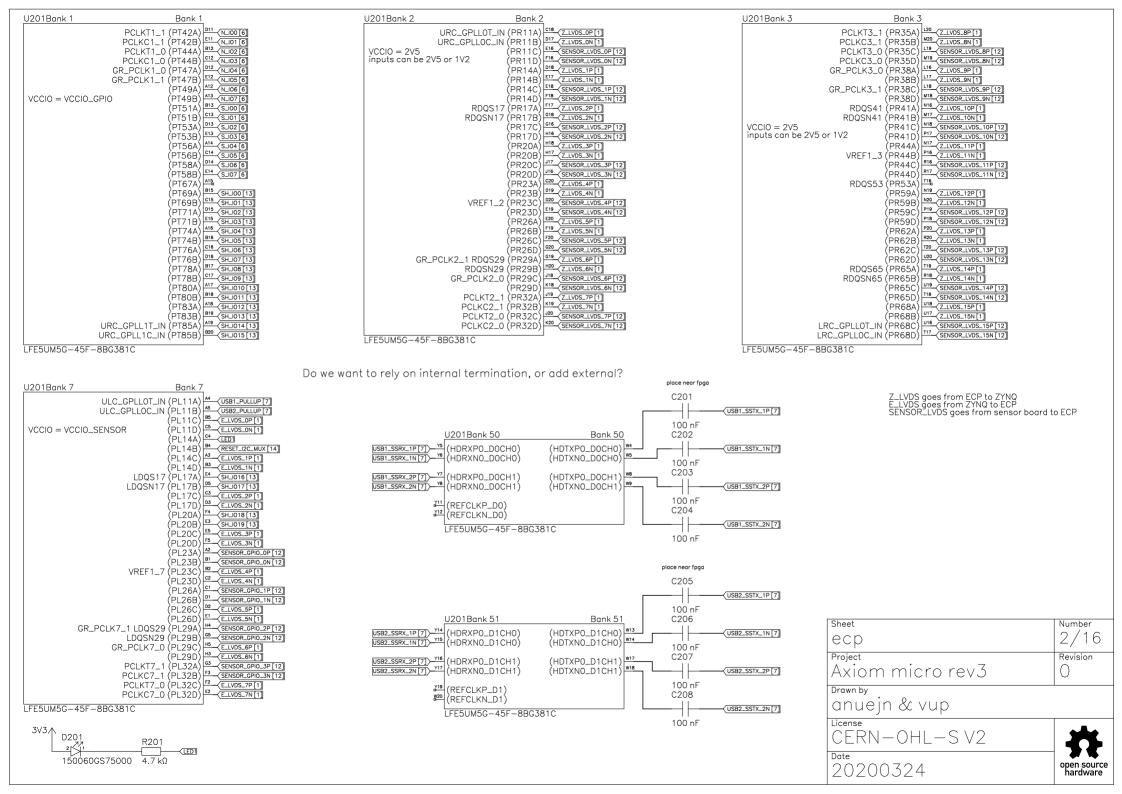
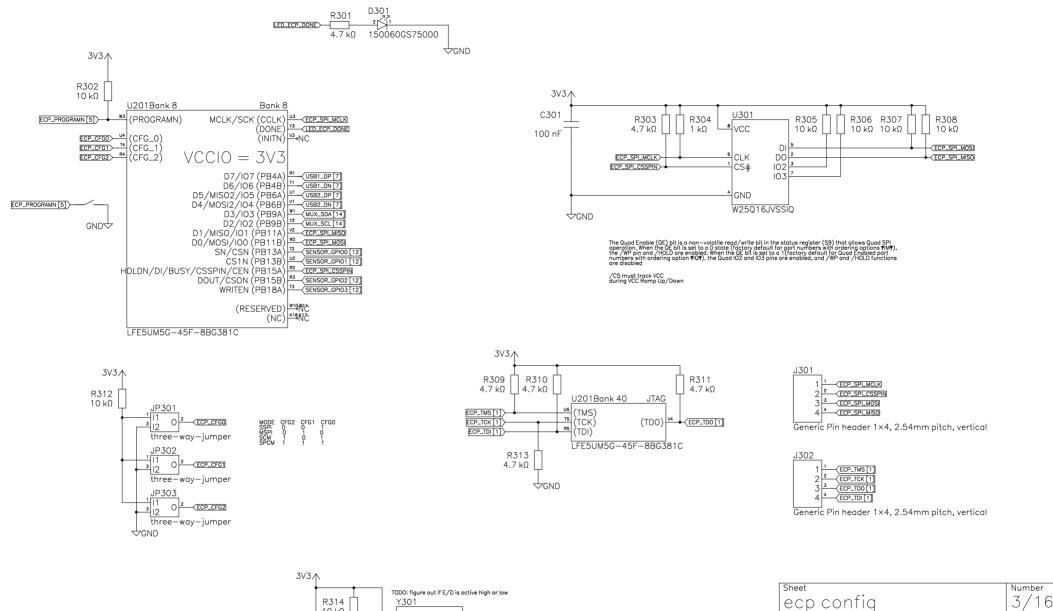


A101Bank 35	Bank 35	
ATO I Ballik 88		
	(IO_B35_LP I) - Z_LVDS_UP [2	_
	(IO_B35_LN1) Z_LVDS_ON [2 (IO_B35_LP2) Z_LVDS_1P [2	_
	(IO_B35_LP2) 5 Z_LVDS_1N[2	
	(IO_B35_LP3) 4 Z_LVDS_2P[2	_
	(IO_B35_LN3) 6 Z_LVDS_2N[2	_
	(IO_B35_LP4) 10 Z_LVDS_3P[2	_
	(IO_B35_LN4) 12 Z_LVDS_3N [2	
	(IO_B35_LP5) 9 Z_LVDS_4P[2	_
	(IO_B35_LN5) 11 Z_LVDS_4N[2	2]
	(IO_B35_LP6) 14 Z_LVDS_5P[2	2]
	(IO_B35_LN6) 16 Z_LVDS_5N[2	2]
	(IO_B35_LP7) 65 Z_LVDS_6P[2	2]
	(IO_B35_LN7) 67 Z_LVDS_6N[2	2]
	(10_B33_LP6) = \(\frac{2_LVDS_/P[2]}{2_EVDS_/P[2]}\)	_
	(IO_B33_LINO)	_
	(IO_B33_LP9) Z_LVDS_6P[2	_
	(IO_B33_LIN9) ZZLVDS_6N[2	_
	(IO_B35_LP IO) - (Z_LVDS_9P[Z	
	(IO_B35_LN10) 34 Z_LVDS_9N[2 (IO_B35_LP11) 41 Z_LVDS_10P	
	(IO_B35_LN11) 43 Z_LVDS_10N	
	(IO_B35_LP12) 26 Z_LVDS_11P	_
	(IO_B35_LN12) 28 Z_LVDS_11N	_
	(IO_B35_LP13) 46 Z_LVDS_12P	
	(IO_B35_LN13) 48 Z_LVDS_12N	[2]
	(IO_B35_LP14) 21 Z_LVDS_13P	[2]
	(IO_B35_LN14) 23 Z_LVDS_13N	[2]
	(IO_B35_LP15) 35 Z_LVDS_14P	=
	(IU_B33_LIN I 3) Z_LVD3_14N	_
	(IO_B35_LP I 6) - Z_LVDS_I3P	
	(10_B33_FIN 10) - Z=FAD2=13N	_
	(IO_B35_LP17) 24 ELVDS_OP [2 (IO_B35_LN17) 24 ELVDS_ON [2	
	(IO_B35_LN17) = ELV0S_0N[2	
	(IO_B35_LN18) 33 ELVDS_1N[2	
	(IO_B35_LP19) 36 ELVDS_2P[2	
	(IO_B35_LN19) 38 ELVDS_2N [2	_
	(IO_B35_LP20) 42 ELVDS_3P [2	j
	(IO_B35_LN20) 44 E_LVDS_3N [2	2]
	(IO_B35_LP21) 66 E_LVDS_4P [2	2]
	(10_B35_LNZ 1) = (E_LVDS_4N[2	
	(IO_B35_LP22) - E_LVDS_5P[2	
	(10_B33_LINZZ) = E_LVDS_5N[2	
	(IO_B35_LP23)	
	(IO_B35_LN23) = E_LVDS_6N[2 (IO_B35_LP24) = E_LVDS_7P[2	=
	(IO_B35_LN24) 53 ELVDS_7N[2	=
MYS-7Z010-L-C-S	(	_2
WITS /2010-L-0-3		

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zturn lite	1/16
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Axiom micro rev3	0
Drawn by	
anuejn & vup	
License	
CERN-OHL-S V2	_ **
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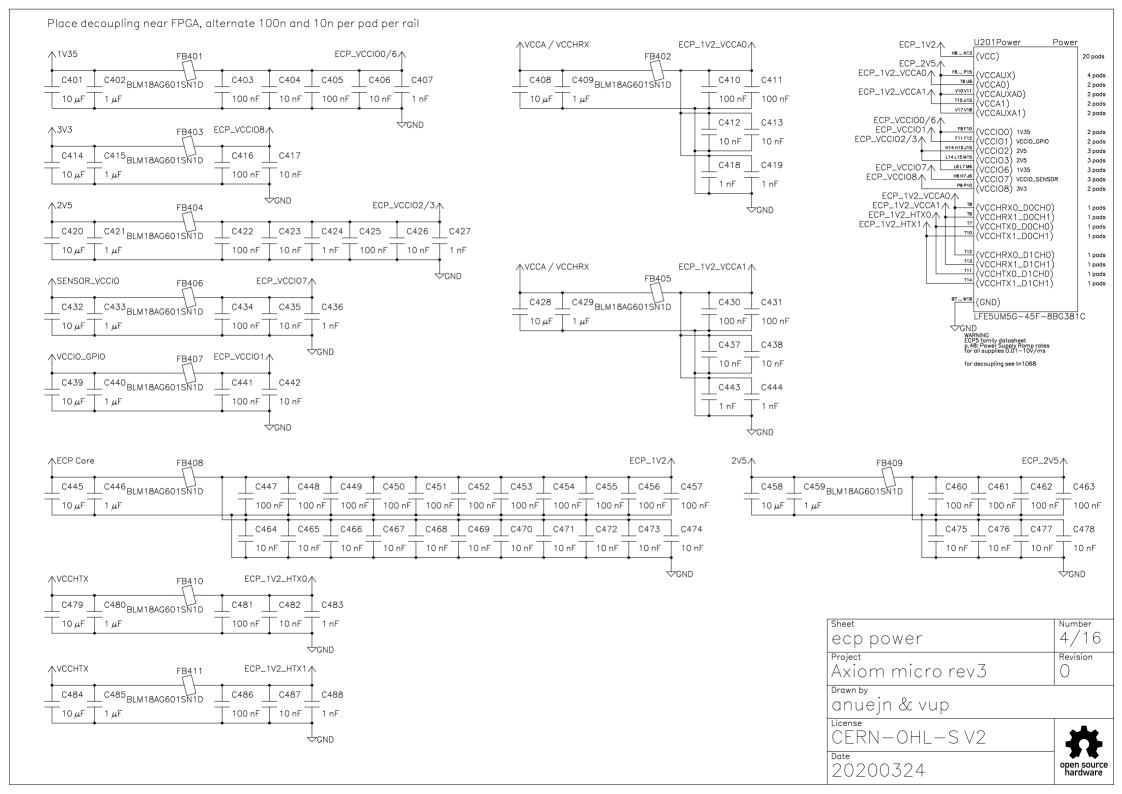


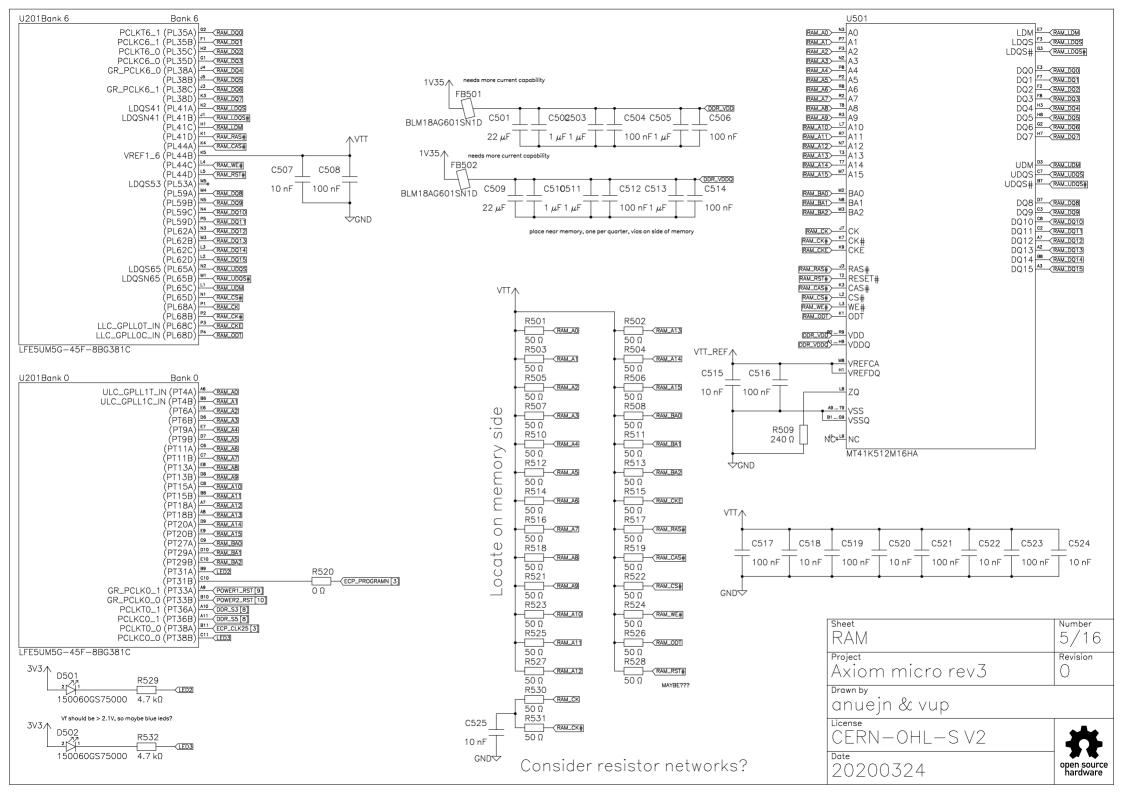
3V3/		
,		ecp config
C302 100 nF	VDD     E/D OUTPUT	Axiom micro rev3
100111	10 kΩ 3322525MEDA4SC this is fine, because the 3V3 input buffers are powered from VCCAUX	Drown by anue in & vup
7	7GND	License CERN-OHL-S V2
		OLIVIN OTIL 3 VZ

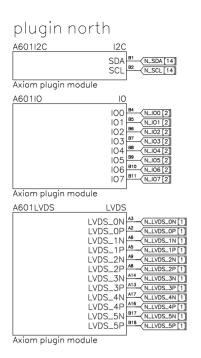
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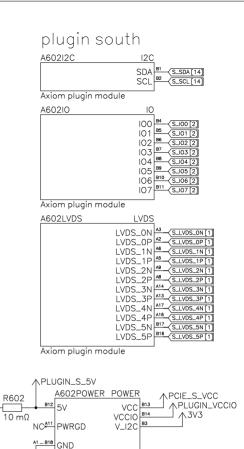
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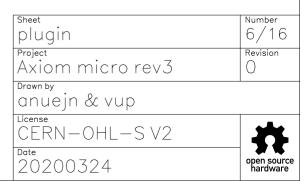


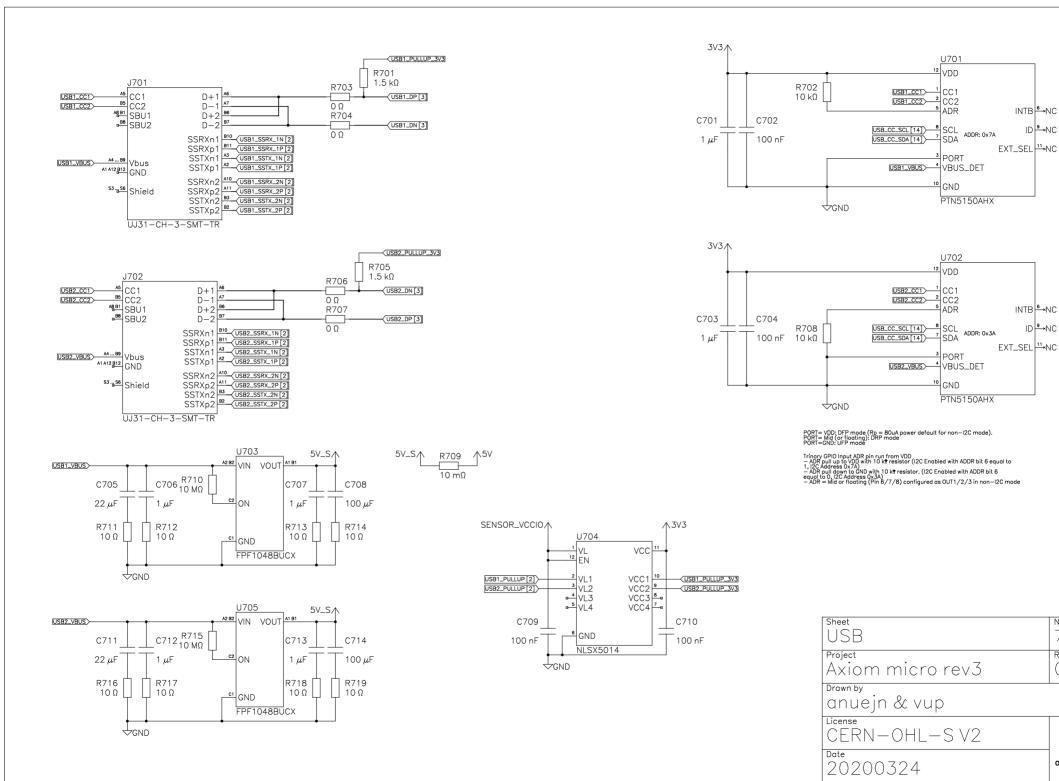


Axiom plugin module

**⇔**GND

5V\_S∧



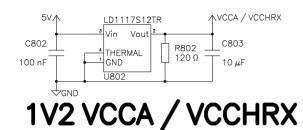


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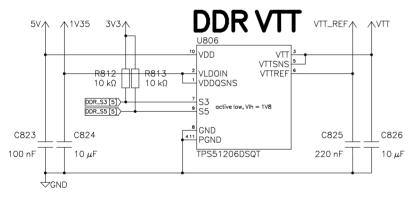
Revision

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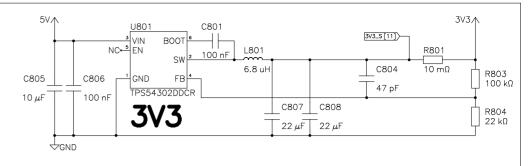
hardware

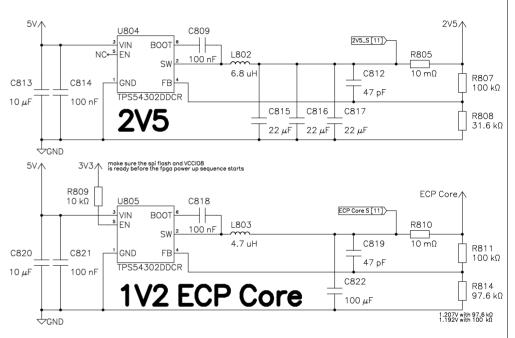


## 1 V2 VCCHTX LD1117S12TR VCCCHTX VIN Vout 100 nF 100 nF 100 μF 100 μF

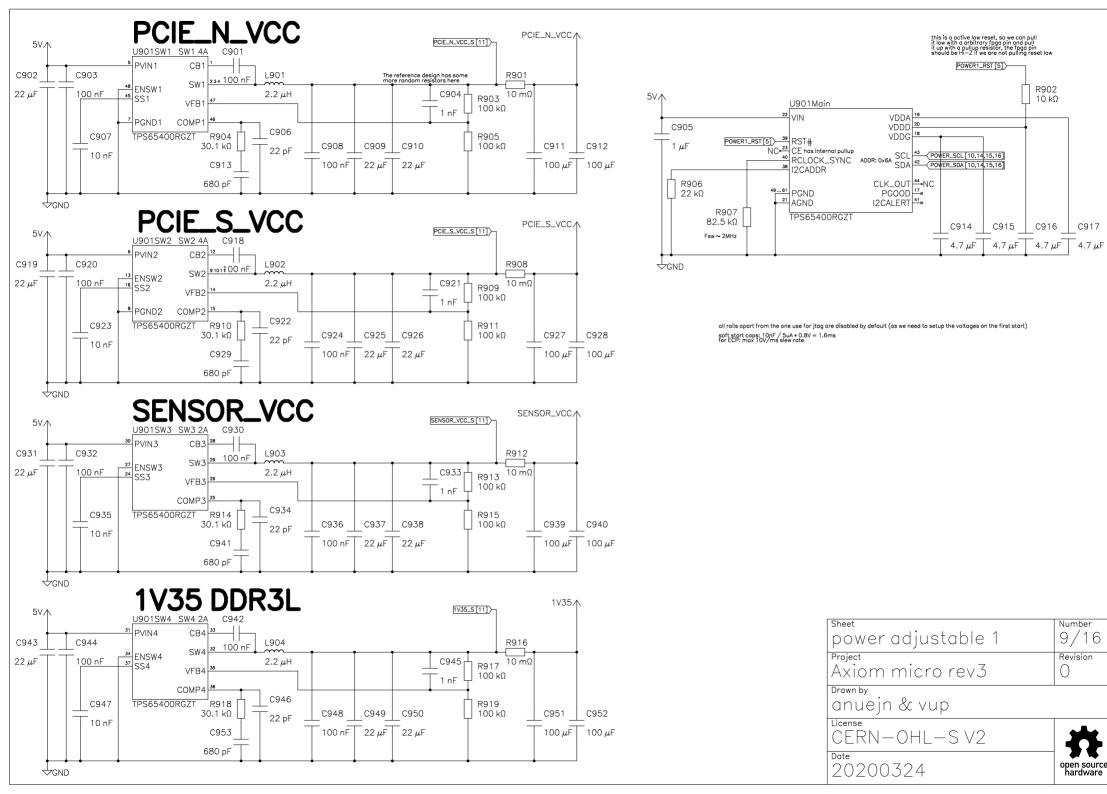


positive terminal of the VTT gin output capacitor(s) as a separate trace from the high—current path from VTI. Consider adding a low-pass R-C filter at the VTTSNS pin in asset the ESR of the VTT output capacitor(s) is larger than 2 mfl. The R-C filter time constant should be approximately the same or slightly lower than the time constant of the VTT output capacitance and ESR.

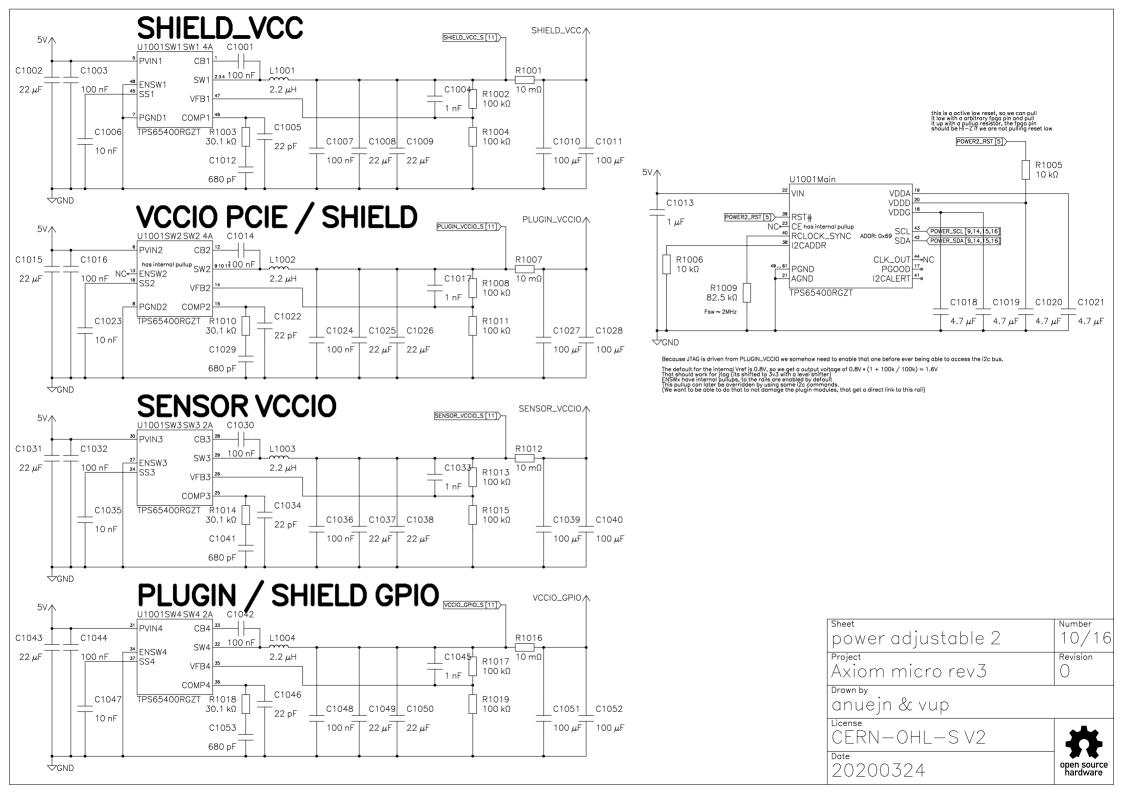


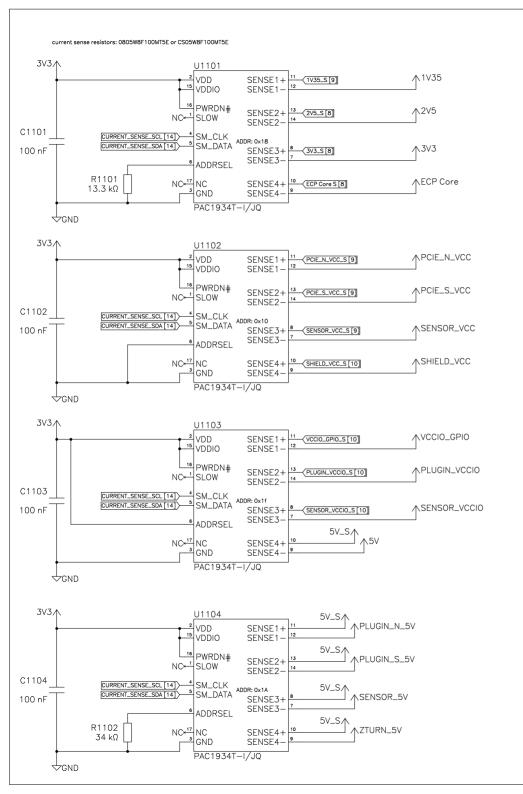


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power fixed	8/16
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Axiom micro rev3	0
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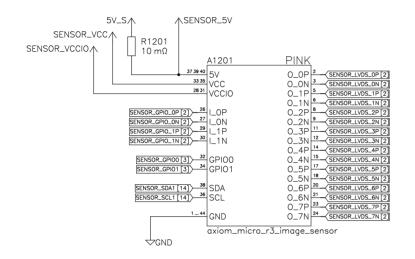


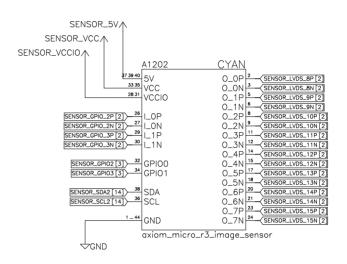
C917

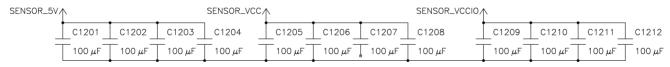




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current sense	11/16
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Axiom micro rev3	0
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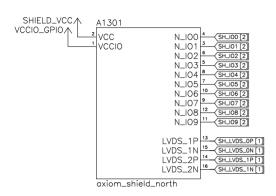


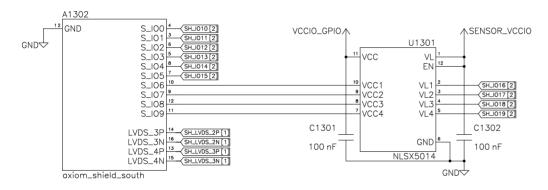




place near connectors

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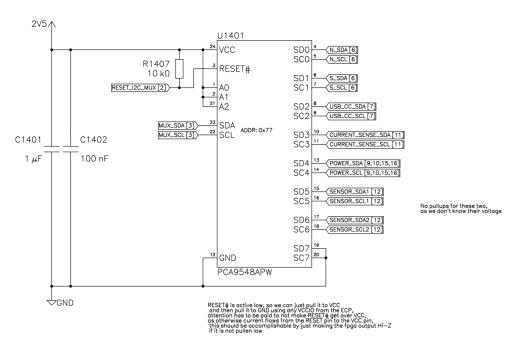




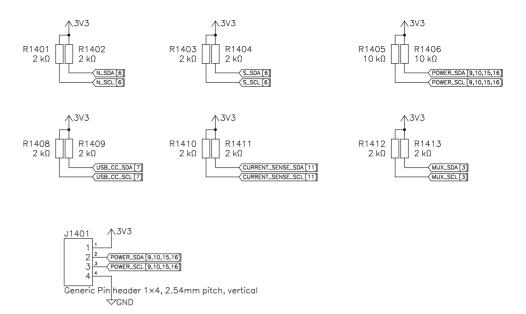
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shield	13/16
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Unused channels have to be tied to GND or VCC



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