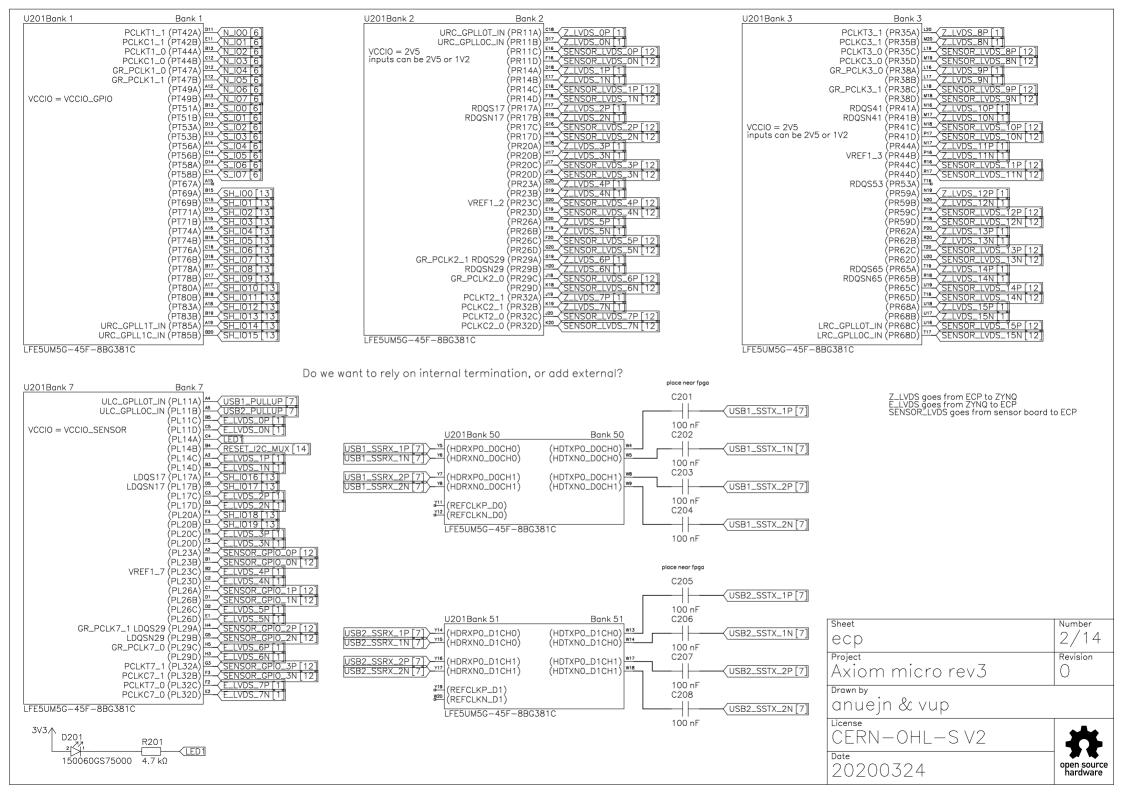
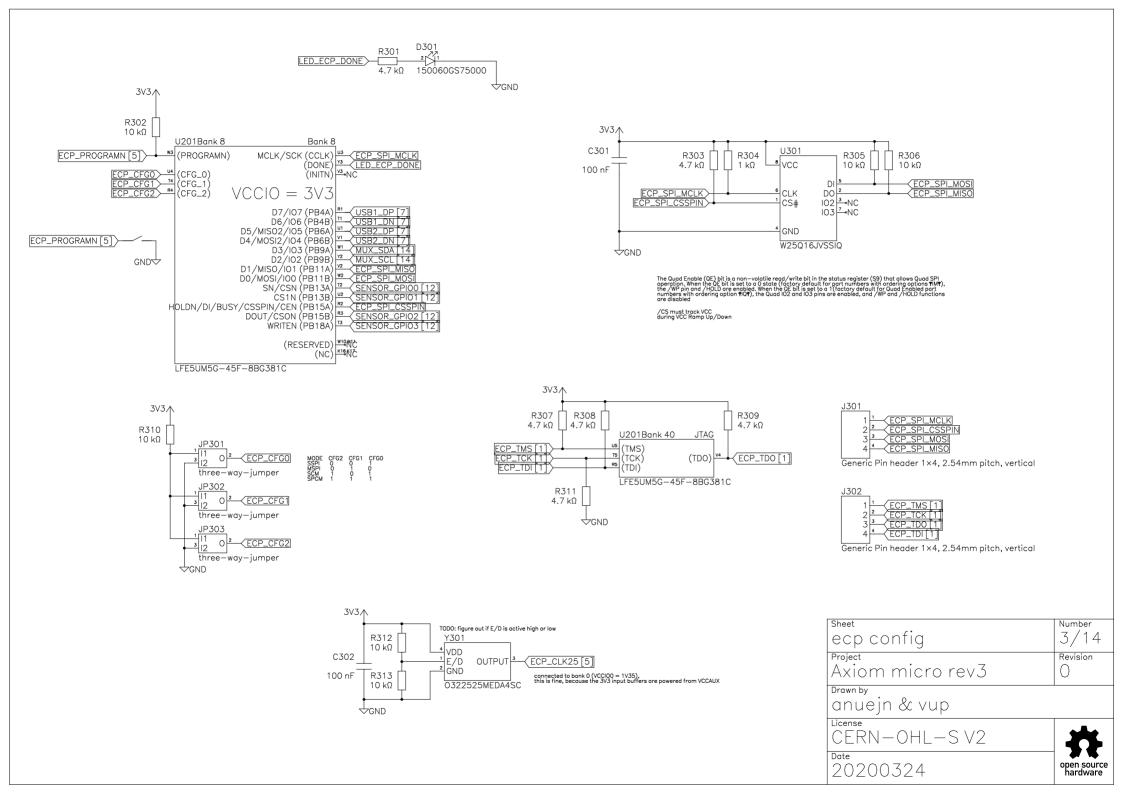
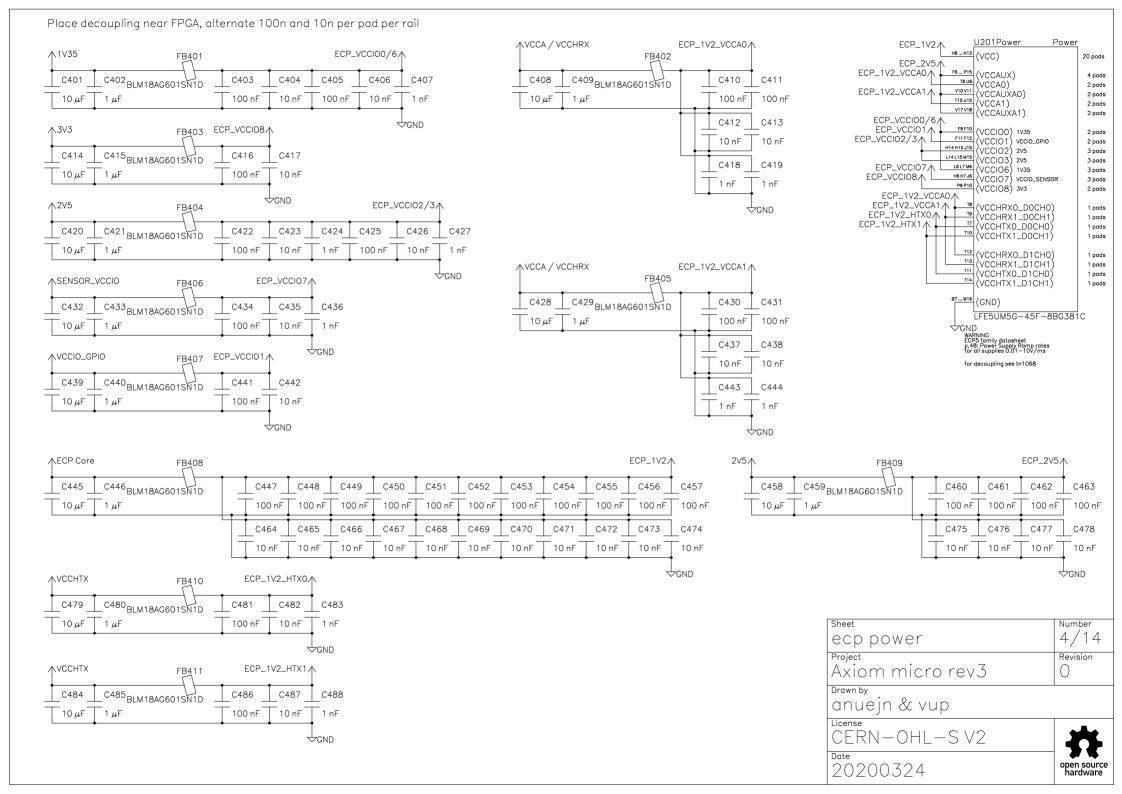
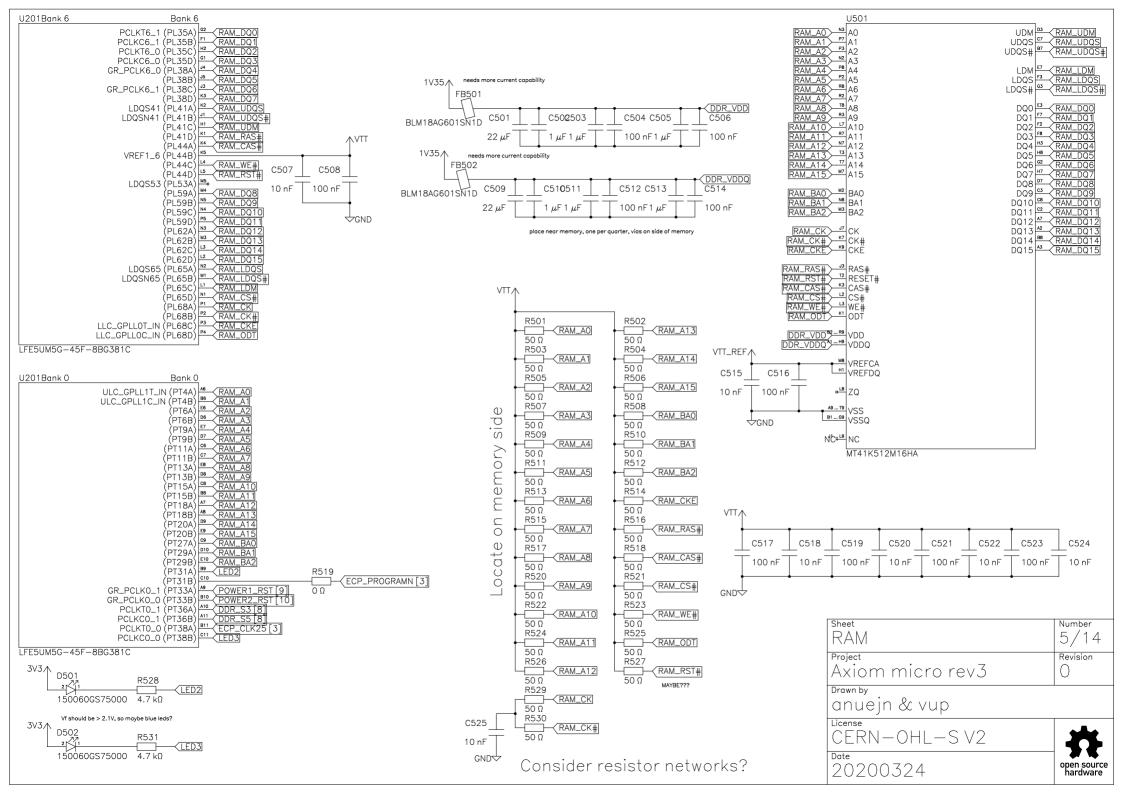


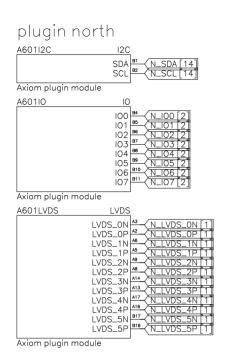
zturn lite	Number 1 / 1 4
Axiom micro rev3	Revision
anuejn & vup	
CERN-OHL-S V2	**
Date 20200324	open source hardware

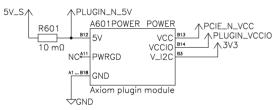


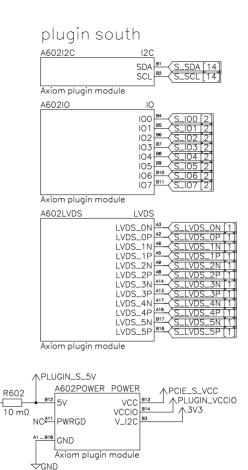




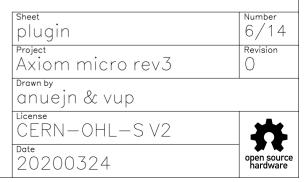


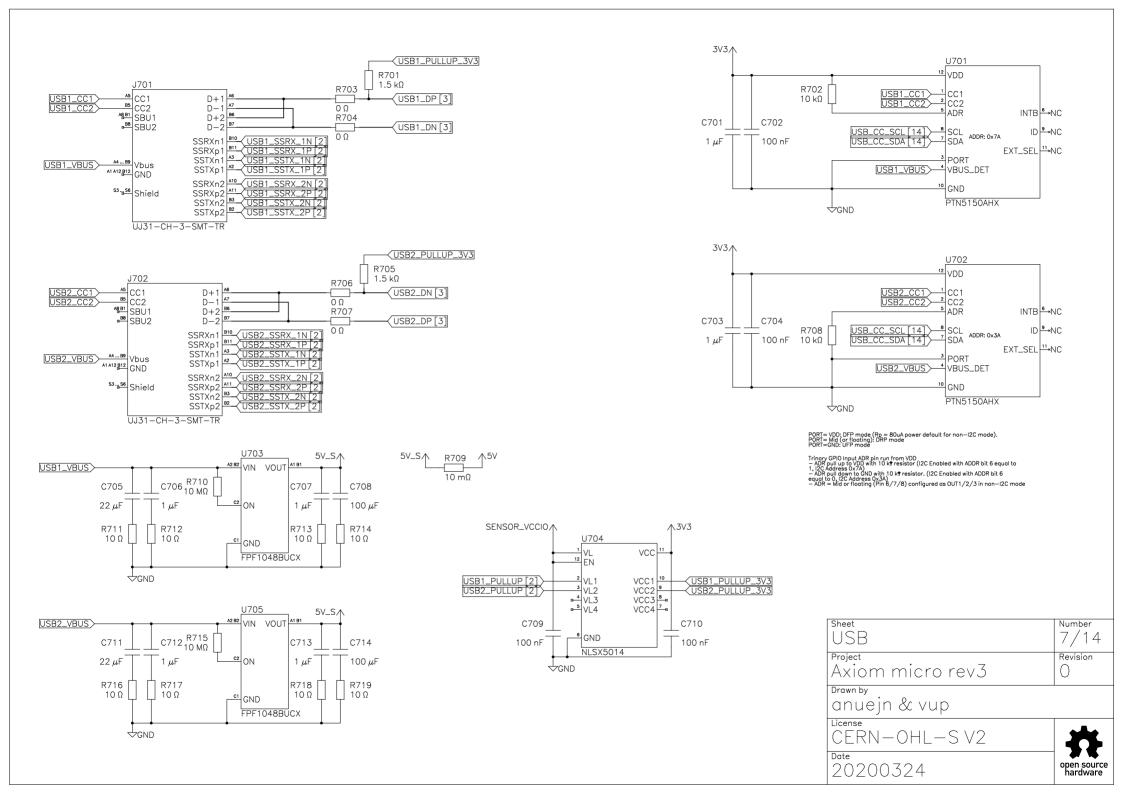


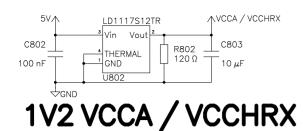


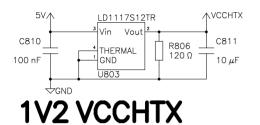


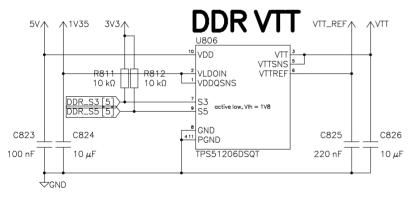
5V_S∧



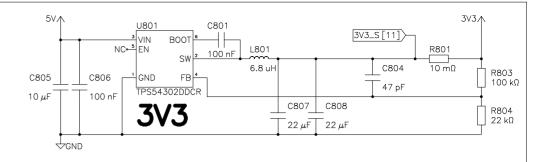


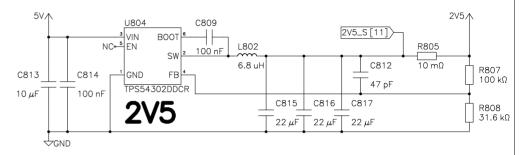


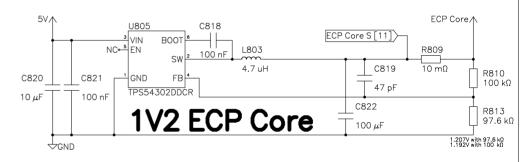




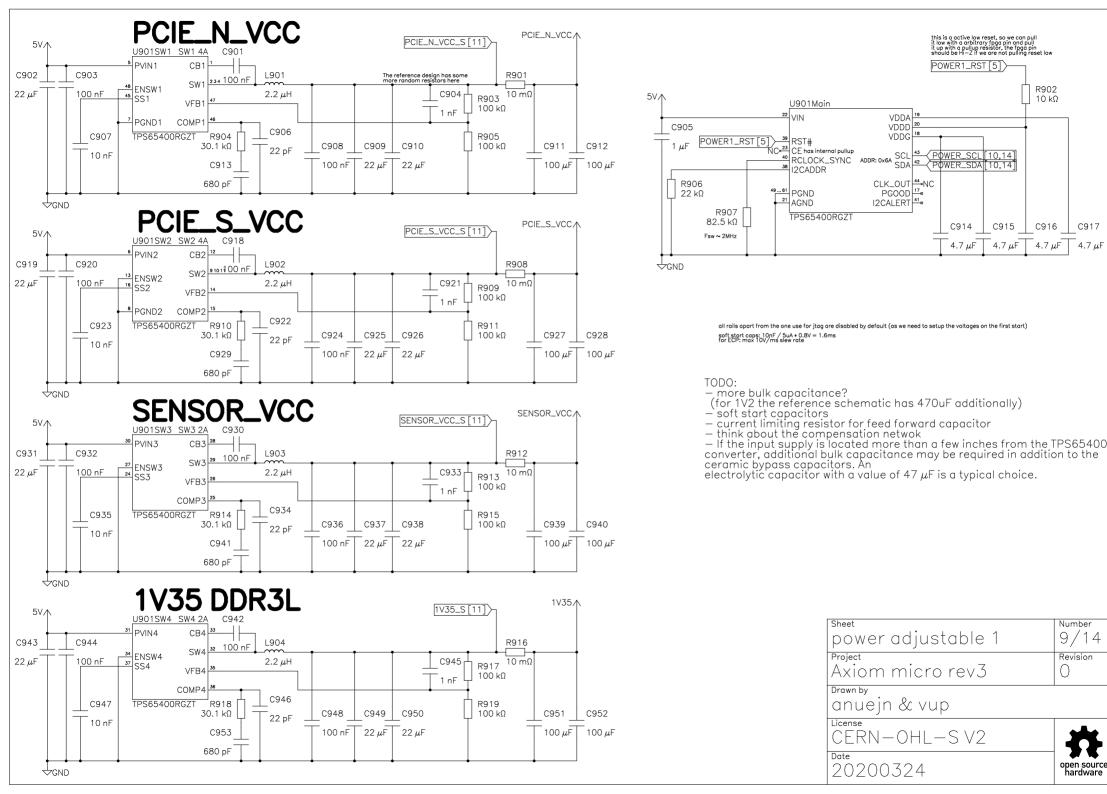
positive terminal of the VTT gin output capacitor(s) as a separate trace from the high—current path from VTI. Consider adding a low-pass R-C filter at the VTTSNS pin in asset the ESR of the VTT output capacitor(s) is larger than 2 mfl. The R-C filter time constant should be approximately the same or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







Sheet power fixed	Number 8/14
Project Axiom micro rev3	Revision
orown by anuejn & vup	
icense CERN-OHL-S V2	**
Date 20200324	open source hardware



C917

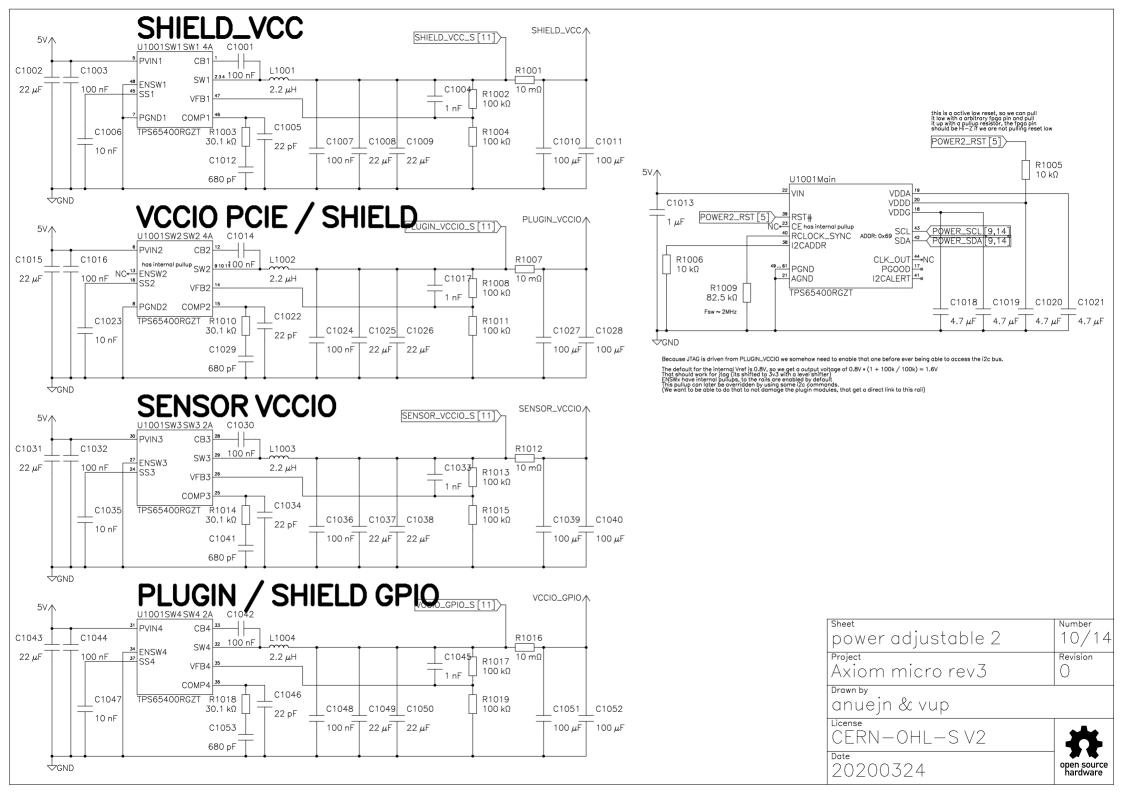
 $4.7 \mu F$

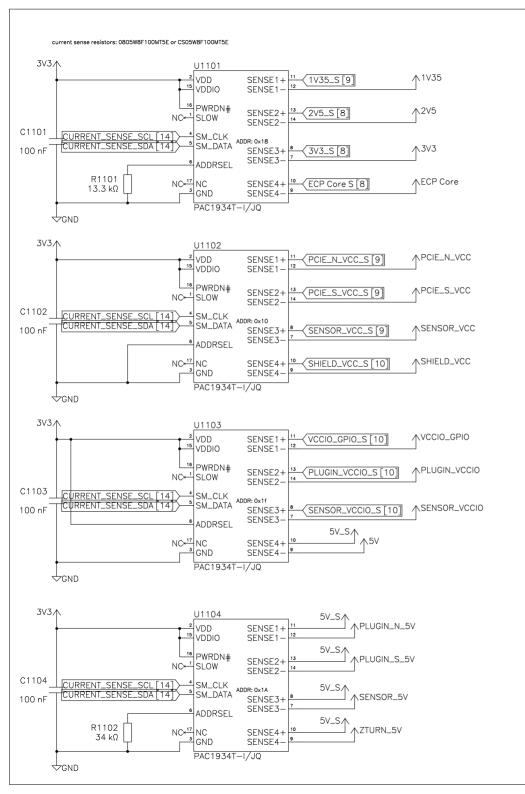
Number

9/14

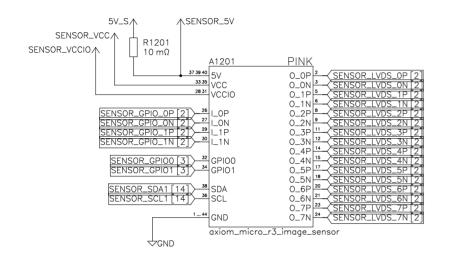
Revision

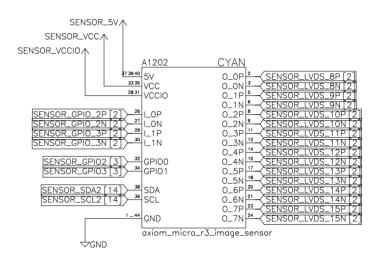
open source

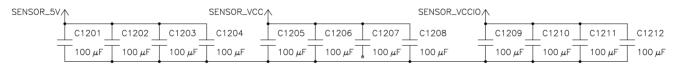




Sheet	Number
current sense	11/14
Project	Revision
Axiom micro rev3	0
Drawn by	1
anuejn & vup	
CERN-OHL-S V2	**
Dote 20200324	open source hardware

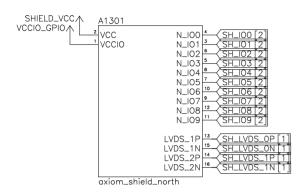


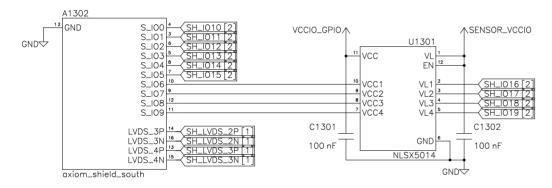




place near connectors

image sensor	Number 12/14
Axiom micro rev3	Revision
anuejn & vup	
CERN-OHL-S V2	**
Date 20200324	open source hardware



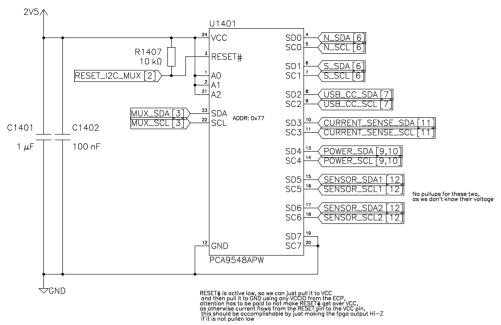


Sheet	Number
shield	13/14
Project	Revision
Axiom micro rev3	0
Drawn by	•
anuejn & vup	
License	
CERN-OHL-S V2	

open source hardware

Date

20200324



Unused channels have to be tied to GND or VCC

can just pull it to VCC
geny VCC0 from the ECP,
to make RESE if get over VCC.
To make RESE if ge

∧3V3

∧3V3

J1401

R1409

USB_CC_SDA[7] USB_CC_SCL[7]

_∧3V3

POWER_SDA [9,10]

2 kΩ

R1401

R1408

 $2 k\Omega$

2kΩ

R1402

2 kΩ

∧3V3

∧3V3

R1411

CURRENT_SENSE_SDA [11]
CURRENT_SENSE_SCL [11]

2 kΩ

R1404

2 kΩ

R1403

R1410

2 kΩ

2kΩ

Sheet	Number
i2c mux	14/14
Project	Revision
Axiom micro rev3	0
Drawn by	
anuejn & vup	
CERN-OHL-S V2	**
Dote 20200324	open source hardware

∧3∨3

∧3V3

R1406

R1413

 $2 k\Omega$

POWER_SDA [9,10]

MUX_SDA [3]

 $2 k\Omega$

R1405

R1412

2 kΩ

2 kΩ