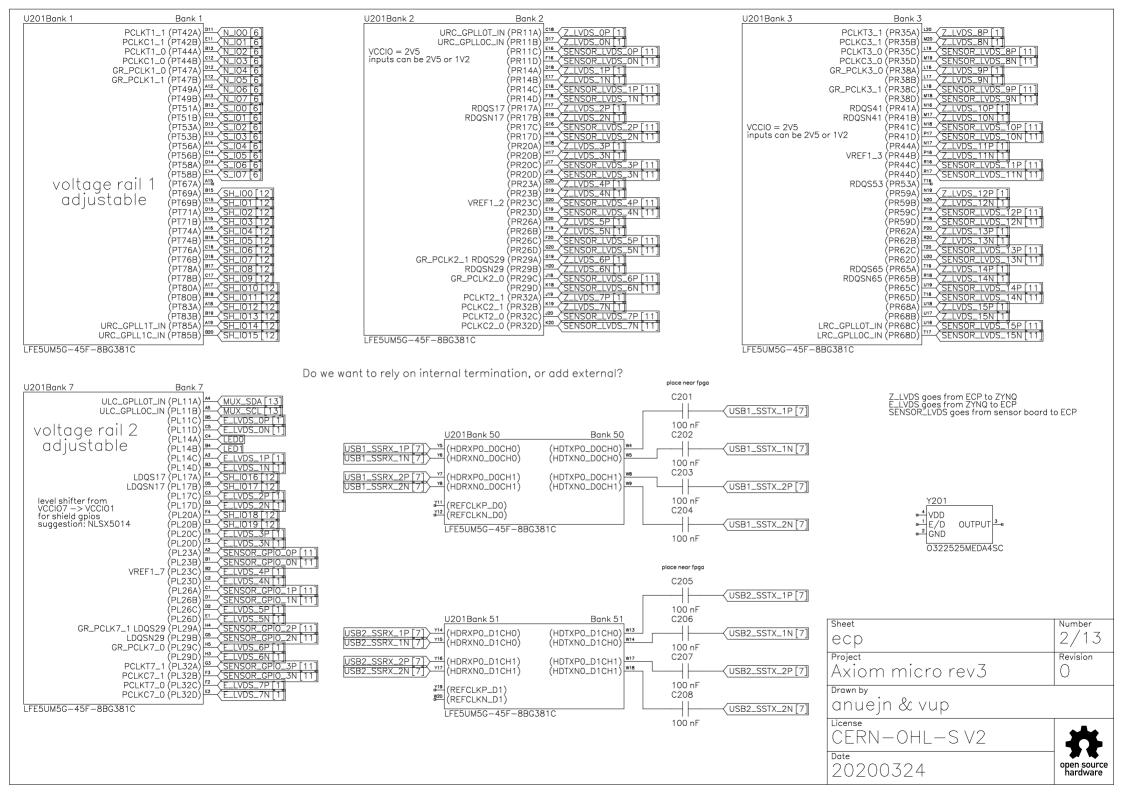


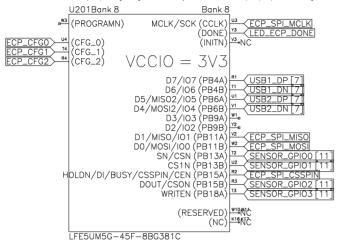
zturn lite	Number 1 / 1 3
Axiom micro rev3	Revision
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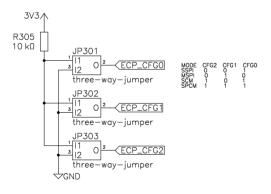


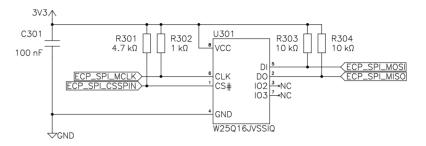
## PROGRAMN

## Maybe button for reset, or somehow connect to trigger reset?

Also has internal pullup during configuration, but maybe we want a external pullup to prevent floating?

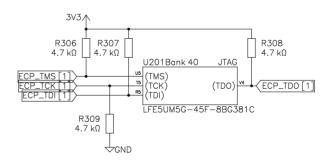




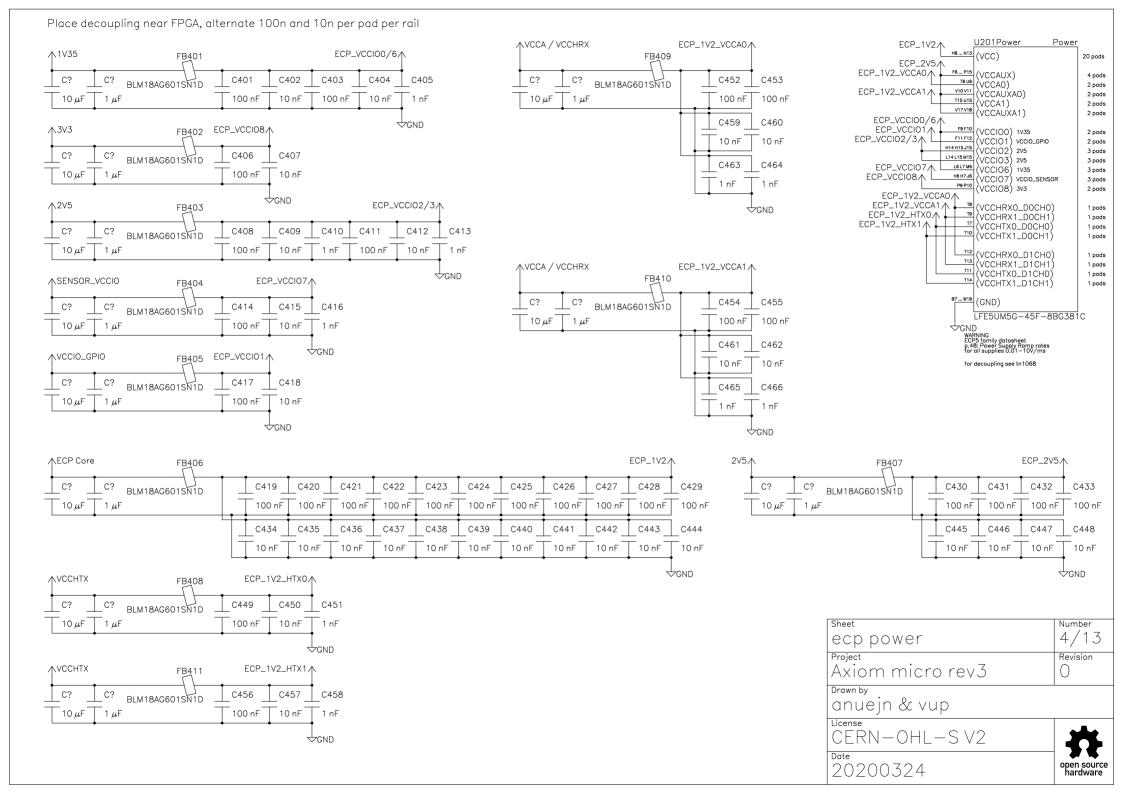


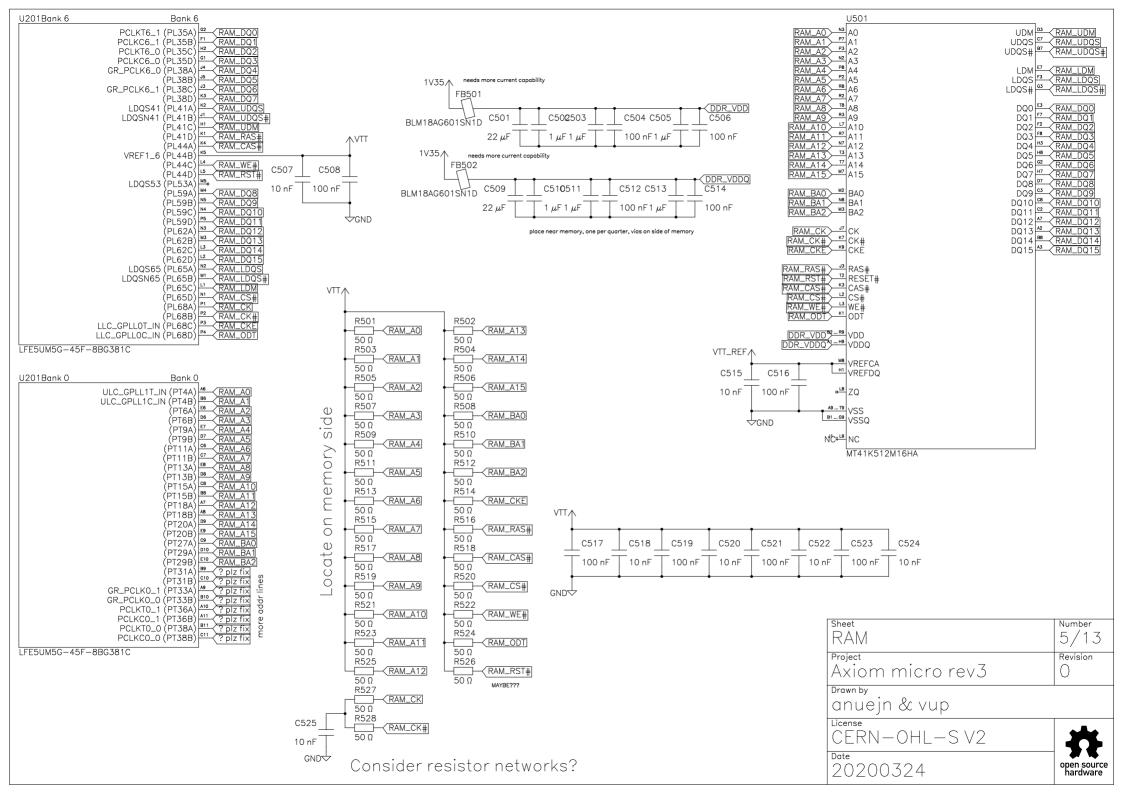
The Quad Enable (QE) bit is a non-volatile read/write bit in the status register (S9) that allows Quad SPI operation. When the QE bit is set to a 0 state (factory default for part numbers with ordering options FMP), the VMP pin and /HOLD are enabled. When the QE bit is set to a 1 (factory default for Quad Enabled part numbers with ordering option #QT), the Quad lO2 and lO3 pins are enabled, and /WP and /HOLD functions are disabled.

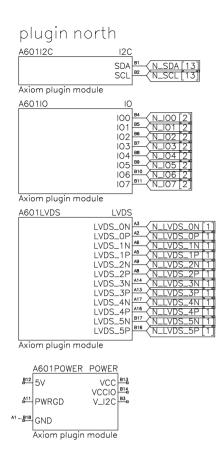
/CS must track VCC during VCC Ramp Up/Down

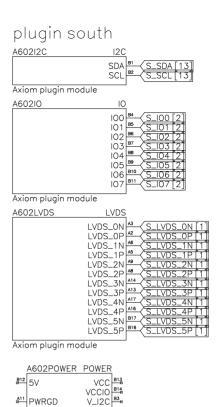


Sheet	Number
ecp config	3/13
Project	Revision
Axiom micro rev3	0
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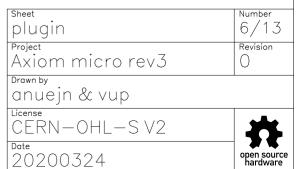


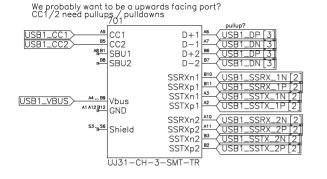


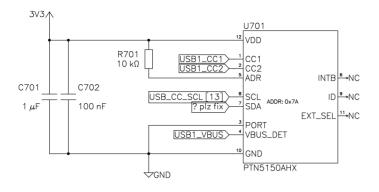
₽₩RGD

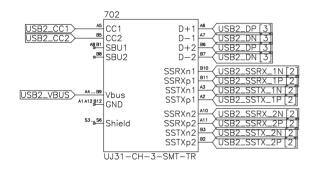
Axiom plugin module

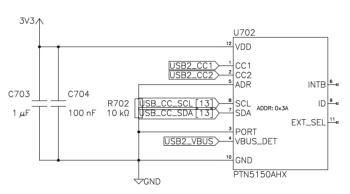
A1 ...<u>B18</u> GND









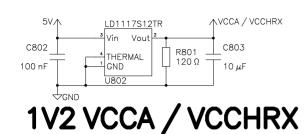


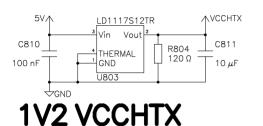
PORT = VDD: DFP mode (Rp = 80uA power default for non-I2C mode). PORT = Mid (or floating): DRP mode PORT = GND: UFP mode

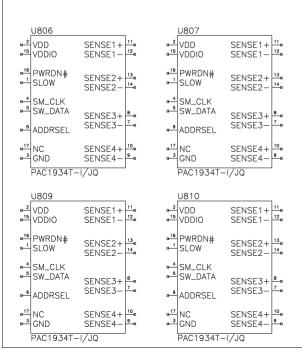
Tringry GPIO Input LDR pin run from VDD

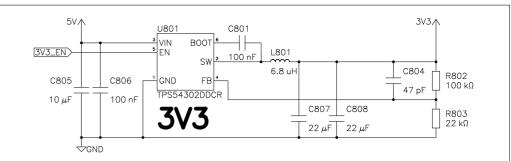
- ABF pull up to VX thin 10 kf resistor (12C Enabled with ADDR bit 6 equal to
- ADR pull up to VX to VX

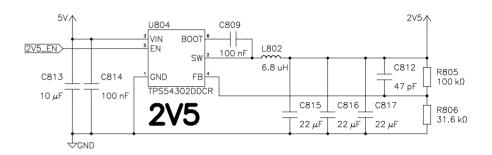
Sheet	Number
USB	7/13
Project	Revision
Axiom micro rev3	0
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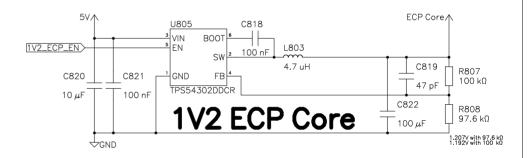


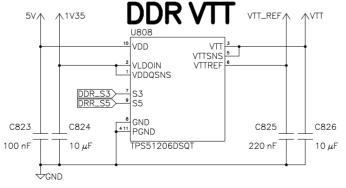






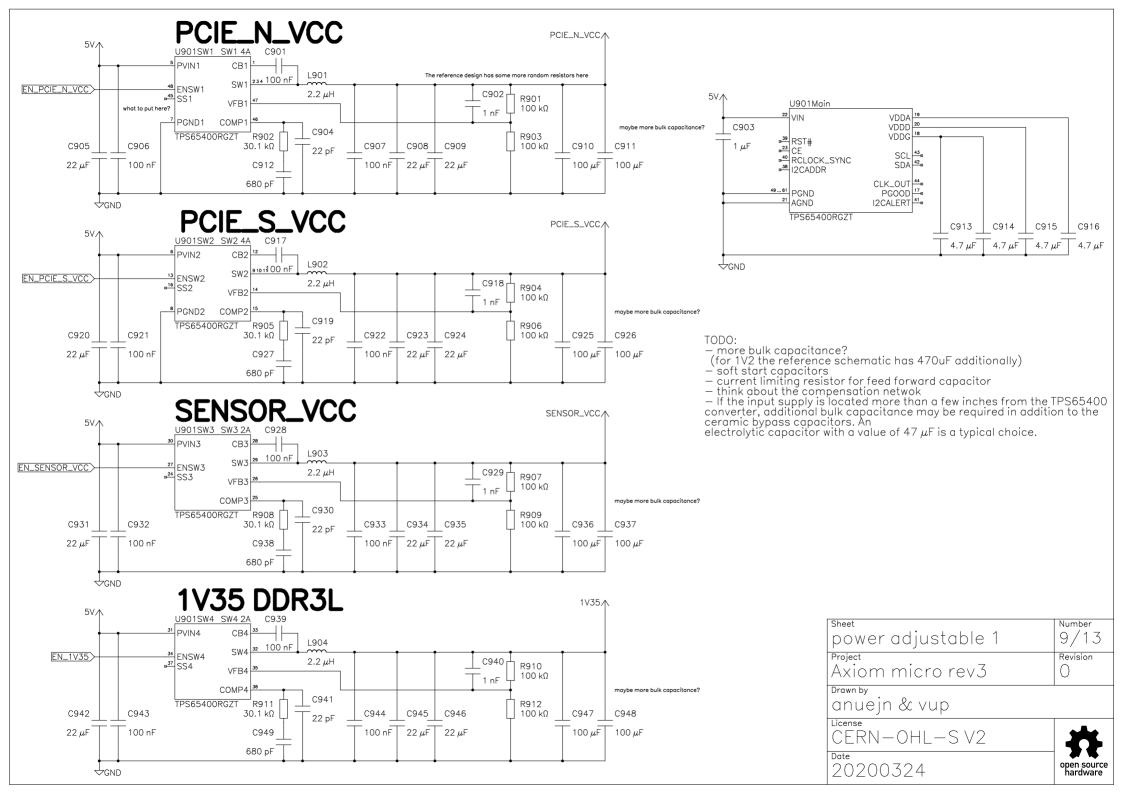


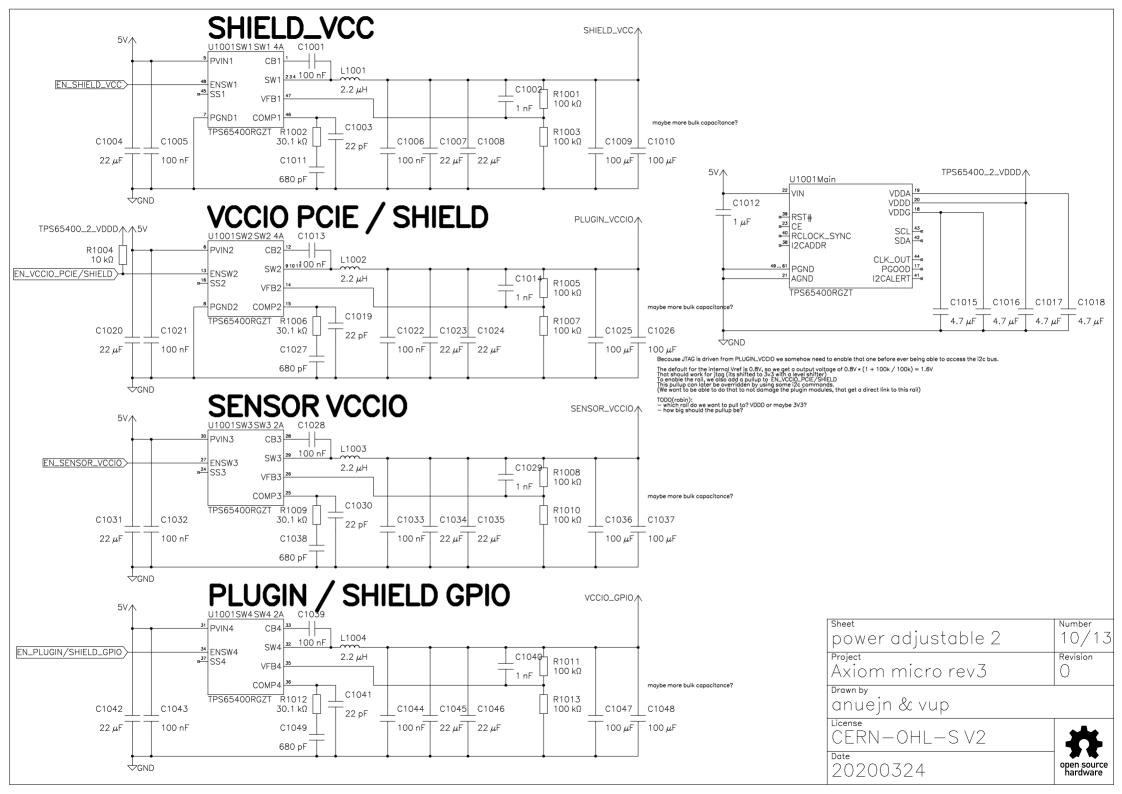


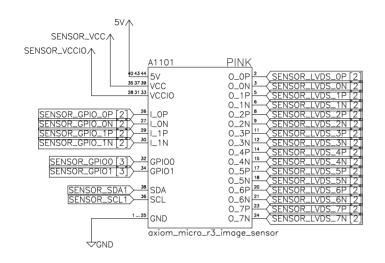


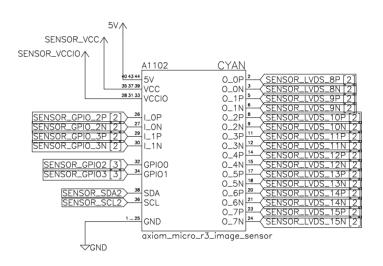
positive terminal of the VTT pin output capacitor(s) as a separate trace from the high—current path from VTT. Consider adding a low-pass R-C filter at the VTTSNS pin in case the ESR of the VTT output capacitor(s) is larger than 2  $\rm PM$ . The R-C filter time constant should be approximately the same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

Sheet	Number
power fixed	8/13
Project	Revision
Axiom micro rev3	0
Drawn by	
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CERN-OHL-S V2	4
JOLINI OHL 3 VZ	<b>₹</b>
Date	
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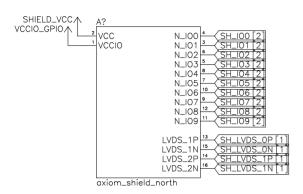


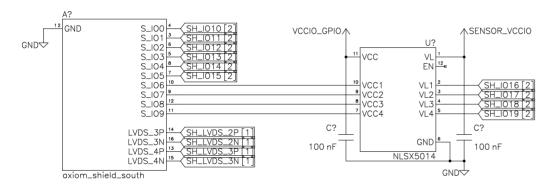




Bulk capacitance for sensor? (O(100uF))

image_sensor	Number 11/13
Axiom micro rev3	Revision
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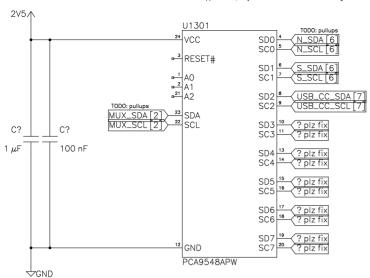
Sheet	Number
shield	12/13
Project	Revision
Axiom micro rev3	0
Drawn by	
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License	
CERN-OHL-S V2	

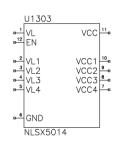
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Date

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## 2V5 VCC means about 1V8 voltage clamping by the pass through transistors That sholud work for most applications, we just need to be careful with nothing with 1V2 is on the bus





Stuff we want to hang of the i2c mux: plugin modules pmic probably gpio expander for power stuff ????

sheet Misc	Number 13/13
Project Axiom micro rev3	Revision
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