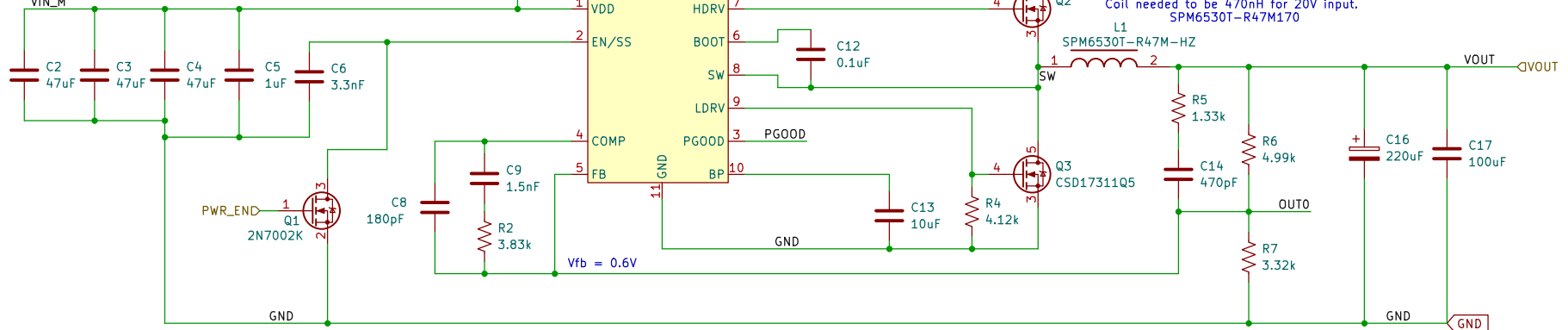
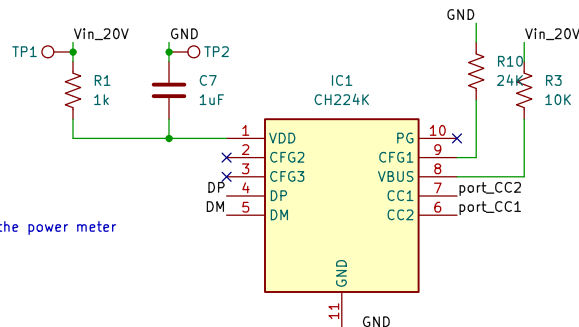


TPS40305 is a Buck regulator that steps 5V down to around 1.5V for the BM1397

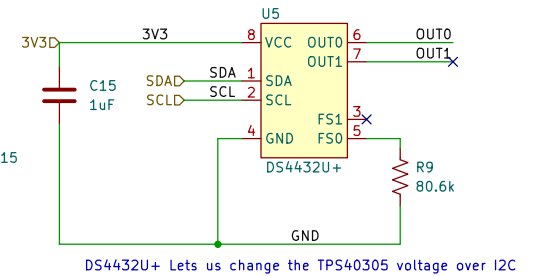
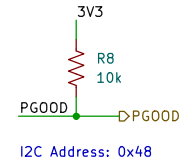
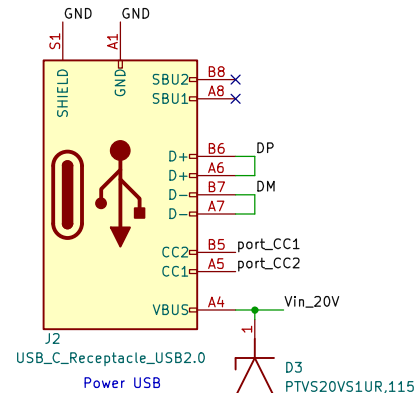
We need to separate Vin from 5V



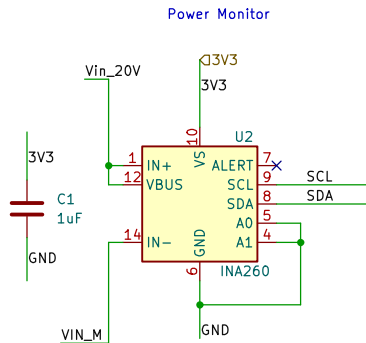
This jumper will let you bypass the power meter



We negotiate 20V with the usb port with the CH224K

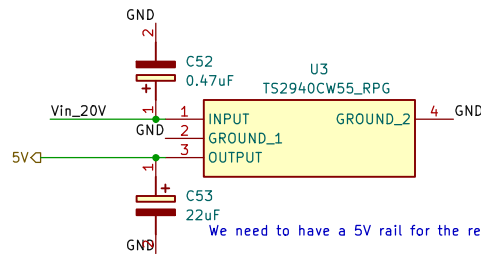


DS4432U+ Lets us change the TPS40305 voltage over I2C



I2C Address: 0x40

The INA260 is tricky to source. INA260AIPW and INA260AIPWR are both fine. This part is totally optional, feel free to leave it out if you can't source it. If you DNP it, close J7



We need to have a 5V rail for the rest LDO and the FAN itself

Sheet: /Power/

File: power.kicad\_sch

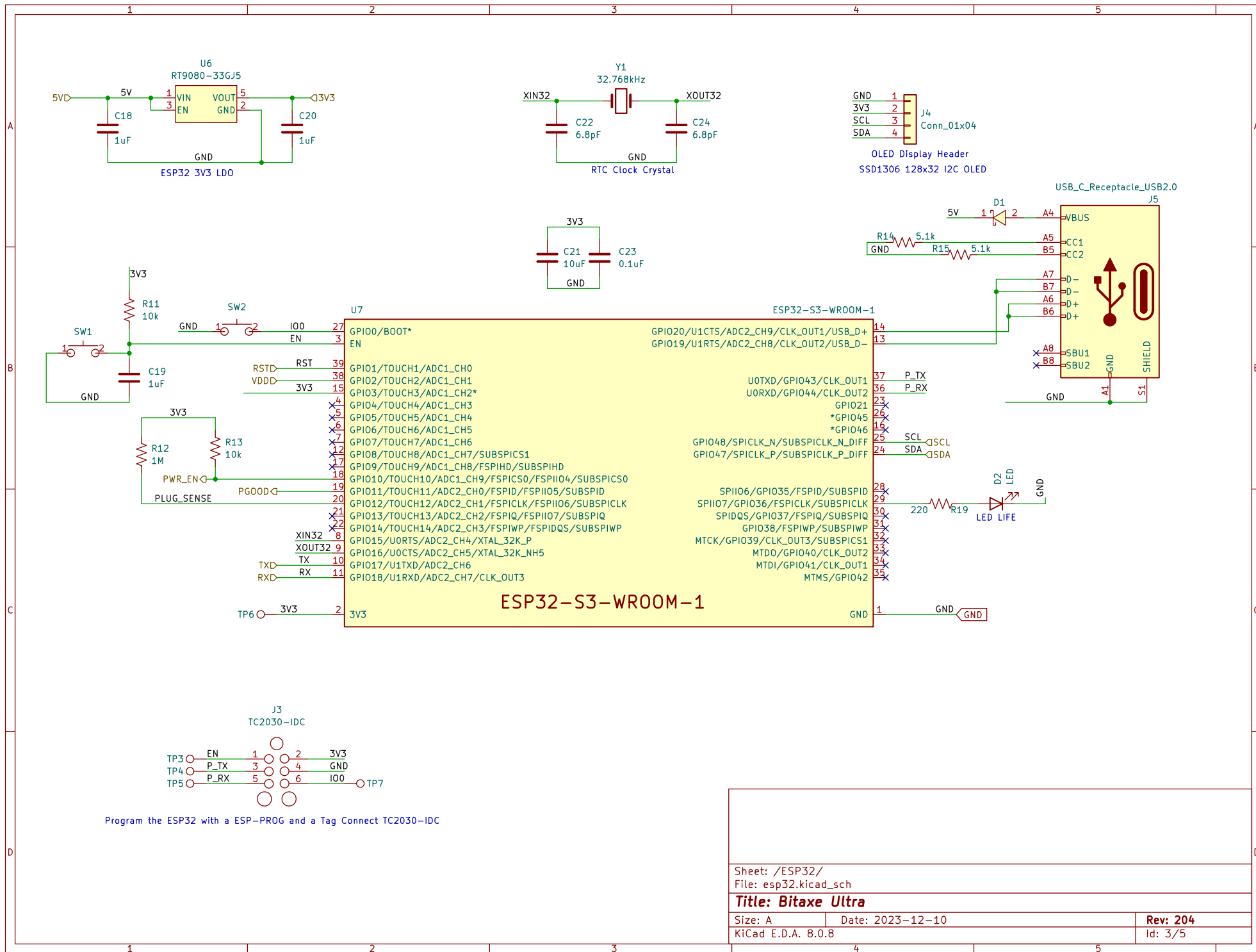
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Size: A Date: 2023-12-10

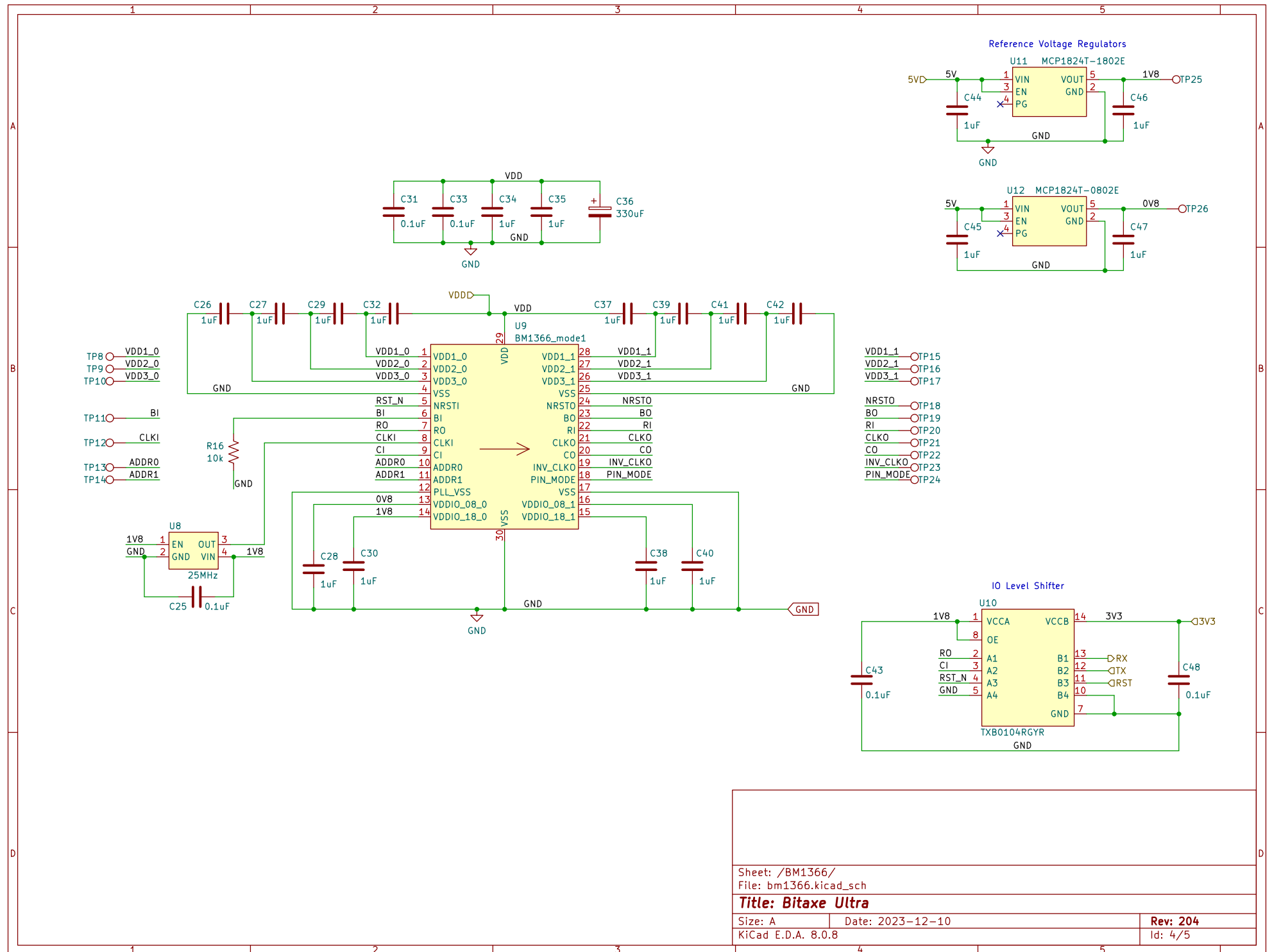
KiCad E.D.A. 8.0.8

Rev: 204

Id: 2/5



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Size: A	Date: 2023-12-10
KiCad E.D.A. 8.0.8	Rev: 204
	Id: 3/5



Sheet: /BM1366/

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**Title: Bitaxe Ultra**

Size: A Date: 2023-12-10

KiCad E.D.A. 8.0.8

**Rev: 204**

Id: 4/5

