

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| A | | | | | | |
| B | | | | | | |
| C | | | | | | |
| D | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 |

power



File: power.kicad_sch

peripheral



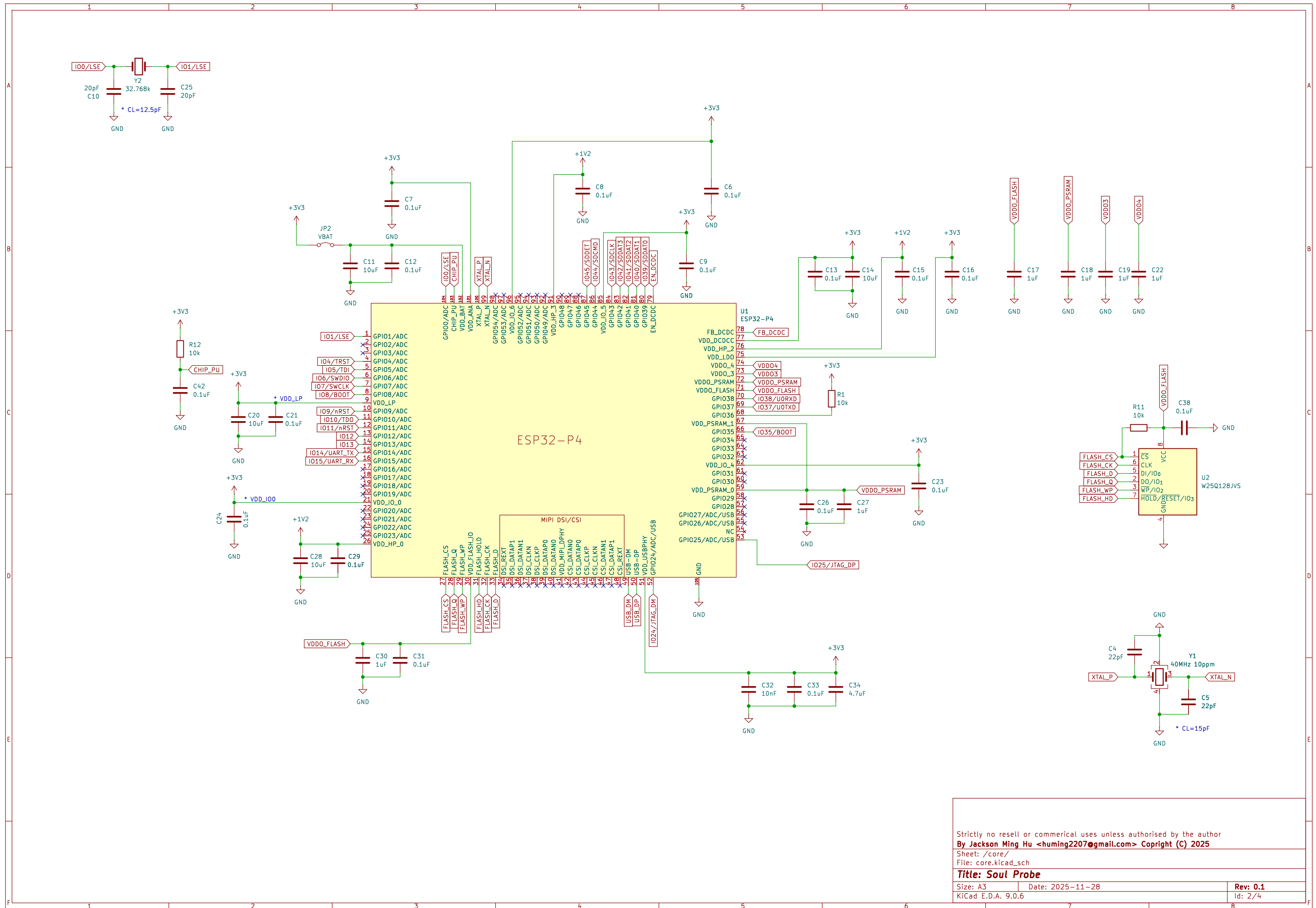
File: peripheral.kicad_sch

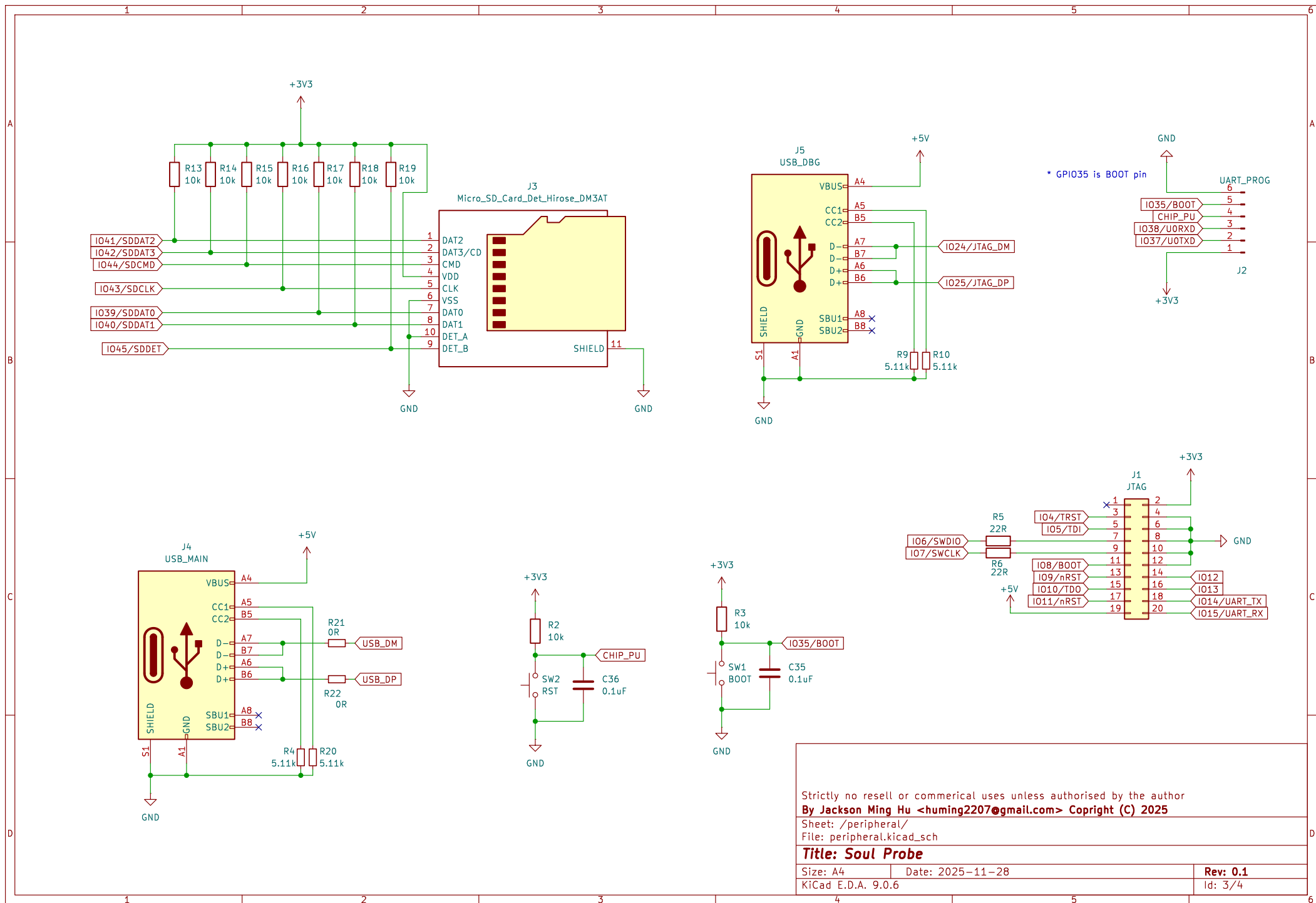
core



File: core.kicad_sch

| | | |
|--|------------------|----------|
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| Sheet: / File: soulprobe.kicad_sch | | |
| Title: Soul Probe | | |
| Size: A4 | Date: 2025-11-28 | Rev: 0.1 |
| KiCad E.D.A. 9.0.6 | | Id: 1/4 |





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Sheet: /peripheral/
 File: peripheral.kicad_sch

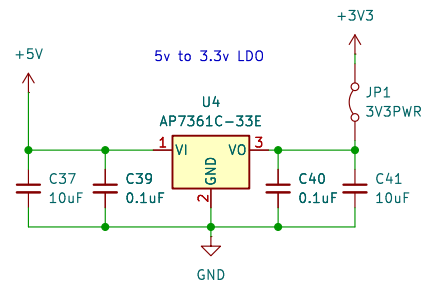
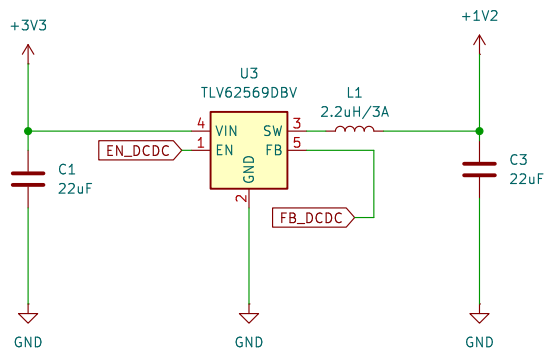
Title: Soul Probe

Size: A4 Date: 2025-11-28

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Rev: 0.1

Id: 3/4



- * Espressif said ETA3485, SY8088 and RY3420 should also work, footprint looks the same (SOT23-5)
- * Waveshare also tested MP1605GTF-Z, Iq is only 11uA??? (lowest of all) but Espressif didn't say it work
- * ETA3485 and TLV62569 looks good to me

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Sheet: /power/
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Title: Soul Probe

Size: A4 Date: 2025-11-28

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Rev: 0.1

Id: 4/4