

1 2 3 4 5 6

A

A

B

B

C

C

D

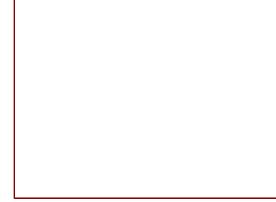
D

power



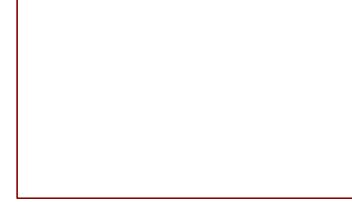
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peripheral



File: peripheral.kicad_sch

core



File: core.kicad_sch

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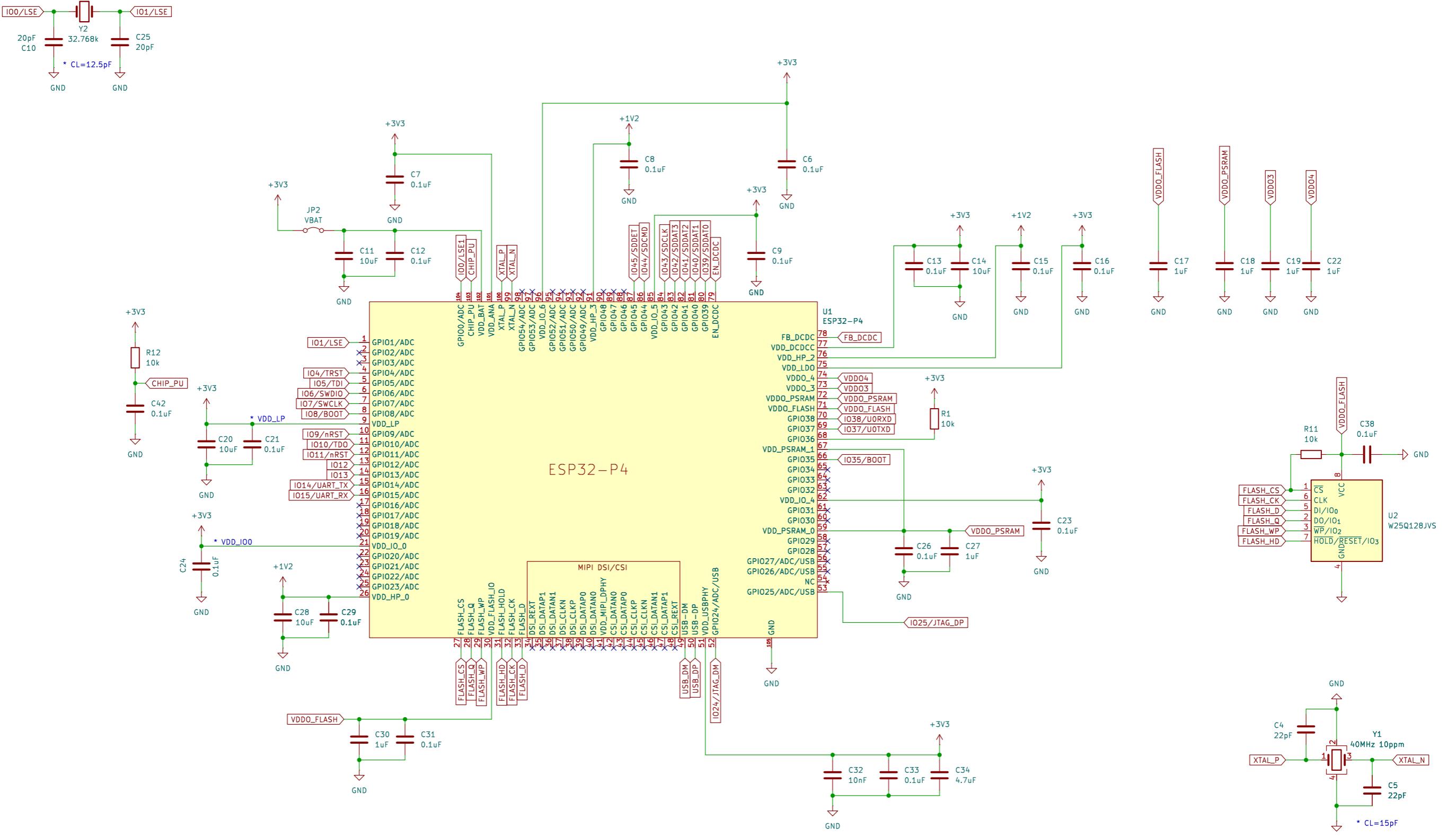
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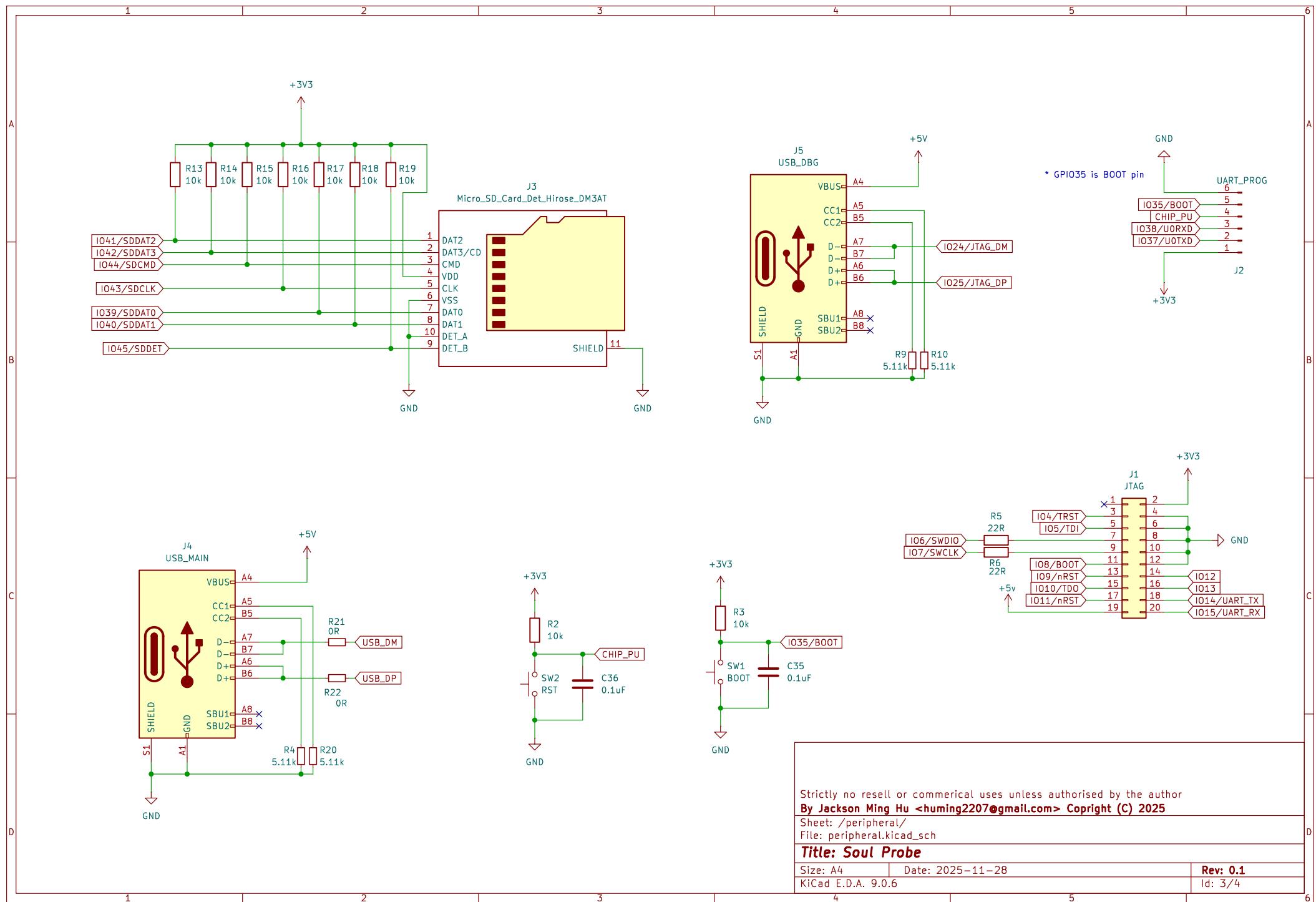
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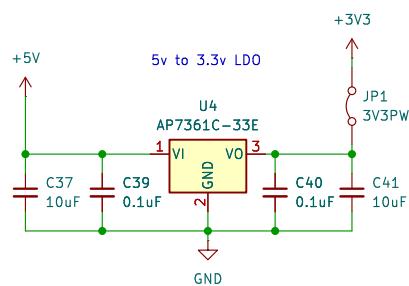
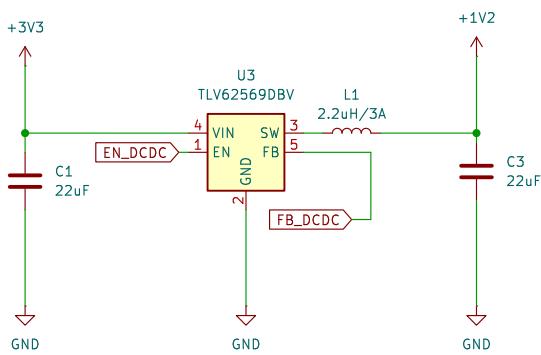
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Title: Soul Probe

Size: A3 Date: 2025-11-28
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Id: 2/4





* 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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