RP2350 CPU

File: PICOZ80-RP2350B_v26d.kicad_sch

ESP32

File: PICOZ80-ESP32_v26d.kicad_sch

Z80 Interface

File: PICOZ80-Z80_Interface_v26d.kicad_sch

USB Hub

File: PICOZ80-USBHUB_v26d.kicad_sch

Power Supply

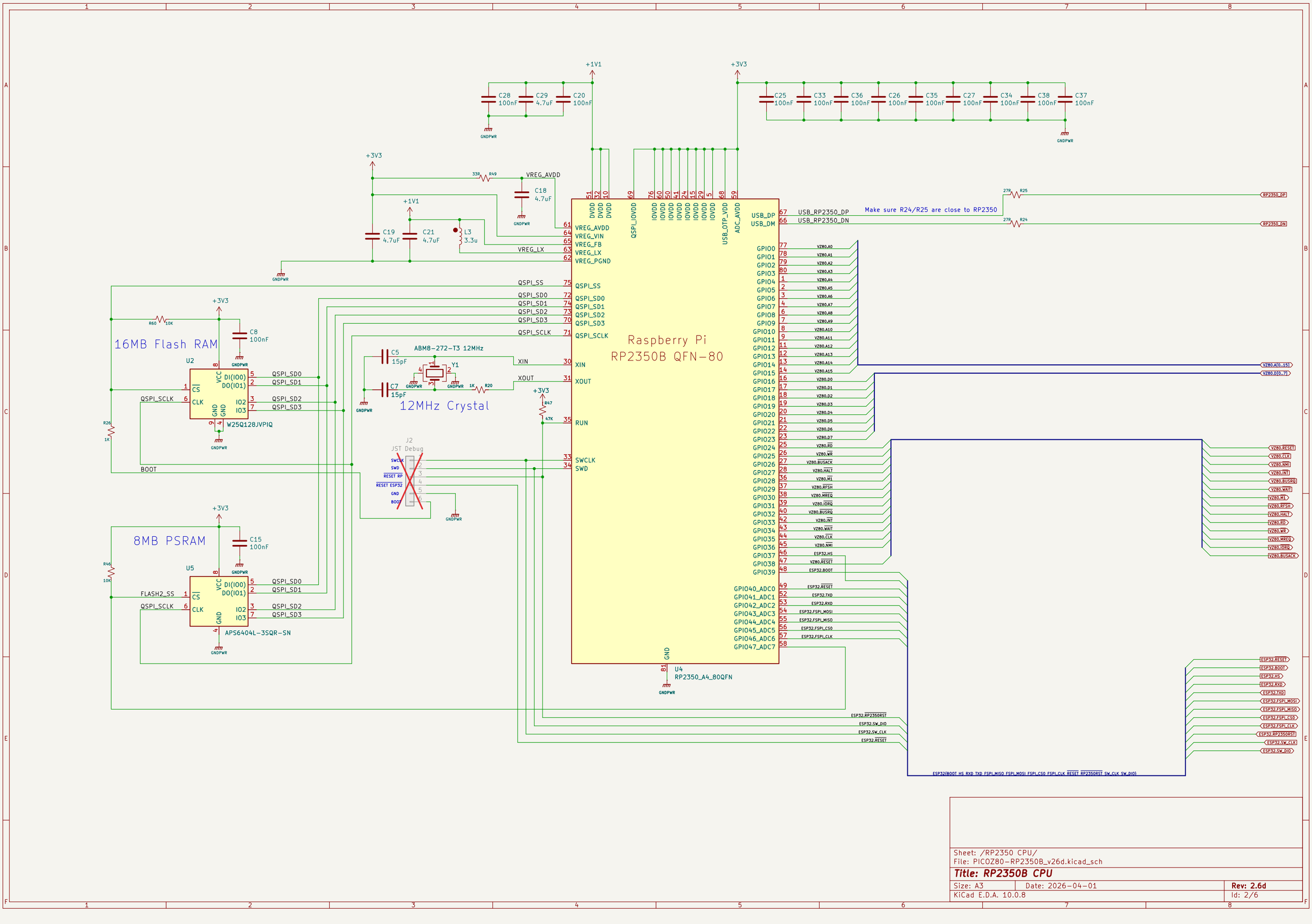
File: PICOZ80-PowerSupply_v26d.kicad_sch

A Z80 replacement using a Raspberry Pi RP2350 MCU.

Sheet: /
File: PICOZ80_v26d.kicad_sch

**Title: PICOZ80**

| | | |
|---|---|---|
| Size: A4 | Date: 2023-08-28 | **Rev: 2.6d** |
| KiCad E.D.A. 10.0.8 | | Id: 1/6 |

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|---|---|
| Sheet: /RP2350 CPU/ | |
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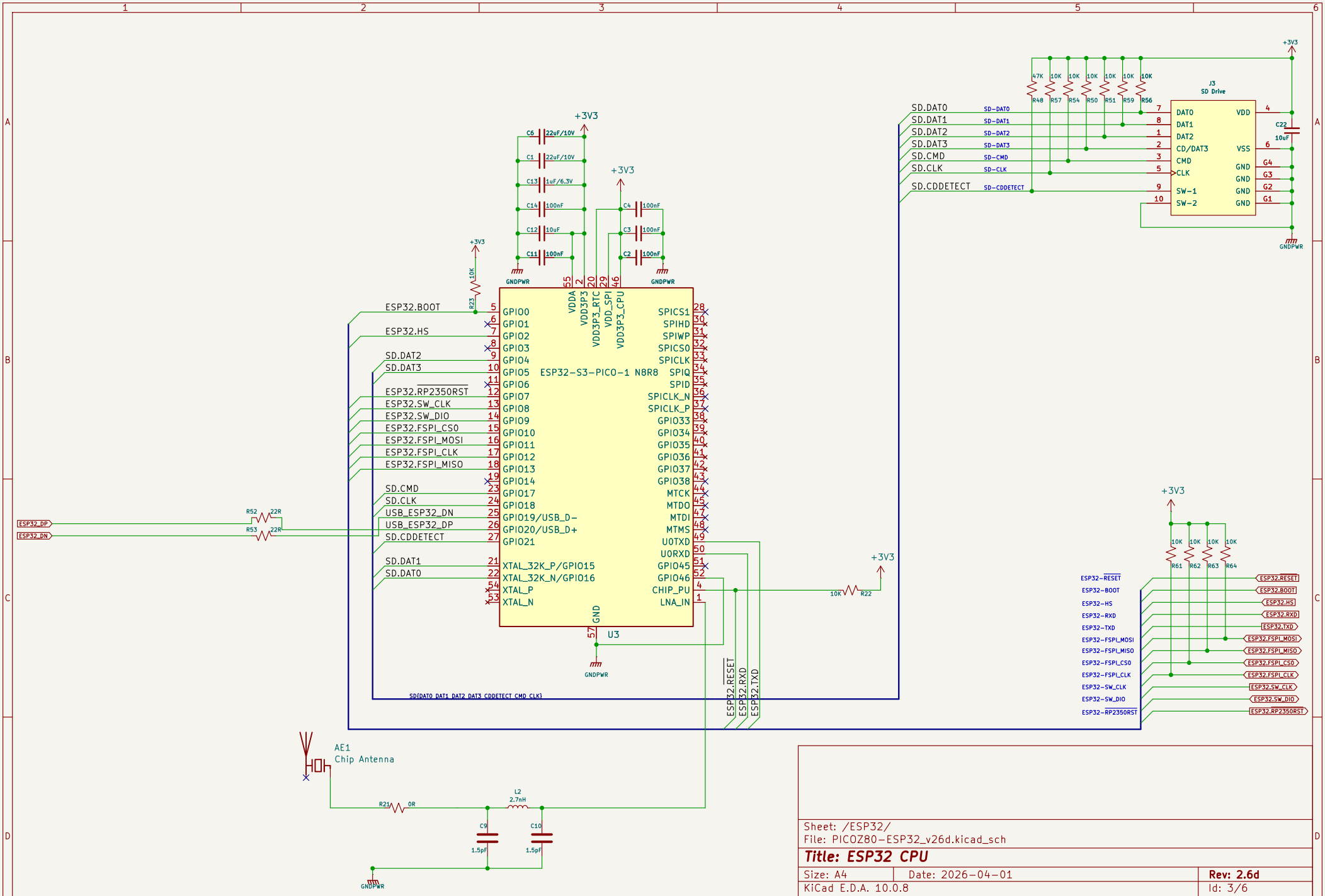
| KiCad E.D.A. 10.0.8 | Id: 2/6 |
| | **Rev: 2.6d** |


ESP32-S3-PICO-1 N8R8
U3
J3
SD Drive
AE1
Chip Antenna
SD[DAT0 DAT1 DAT2 DAT3 CDDETECT CMD CLK]
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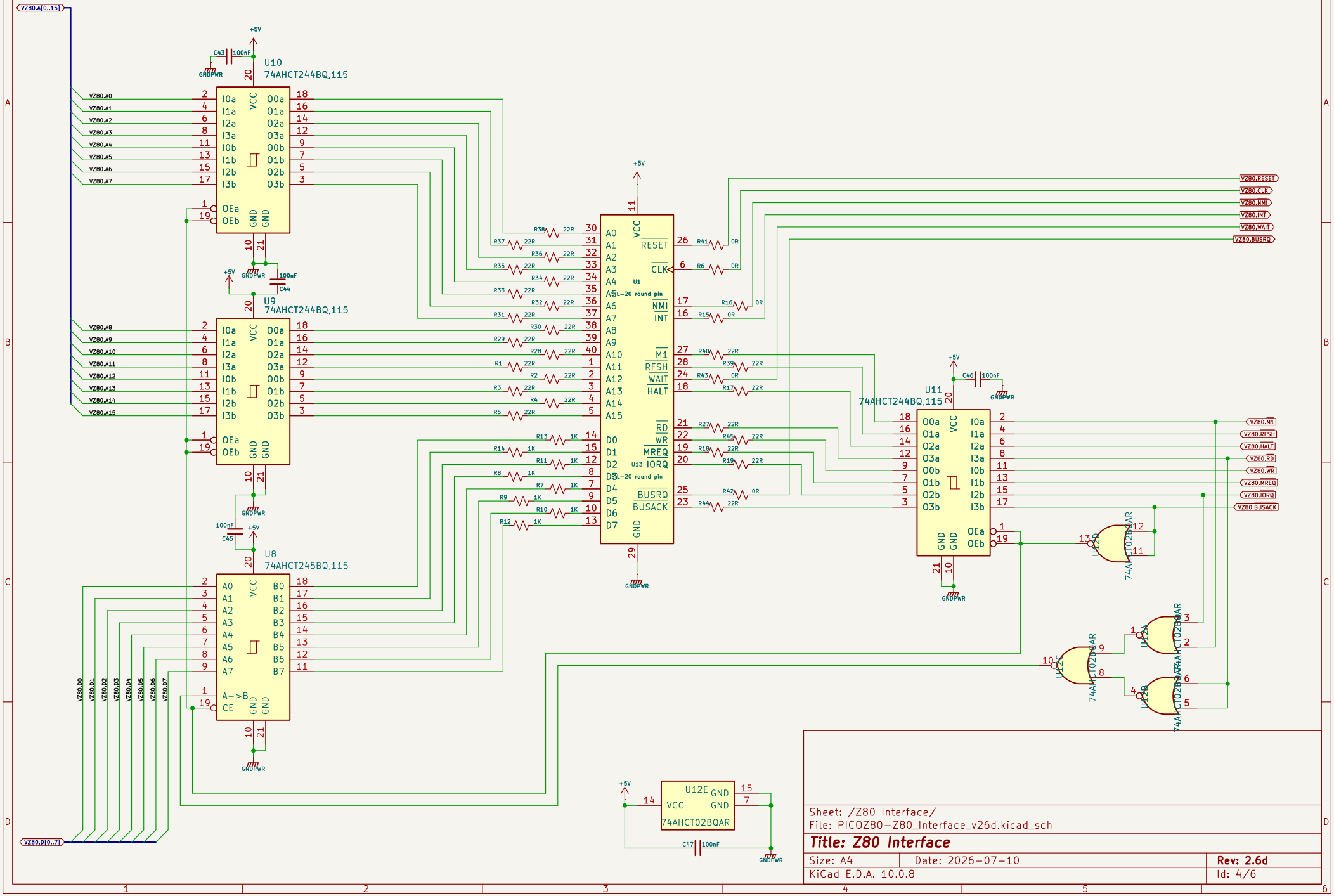
File: PICOZ80-ESP32_v26d.kicad_sch
Title: ESP32 CPU
Size: A4
Date: 2026-04-01
Rev: 2.6d
KiCad E.D.A. 10.0.8
Id: 3/6

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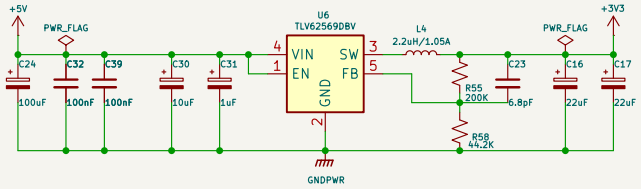
| KiCad E.D.A. 10.0.8 | Id: 4/6 |
| | **Rev: 2.6d** |

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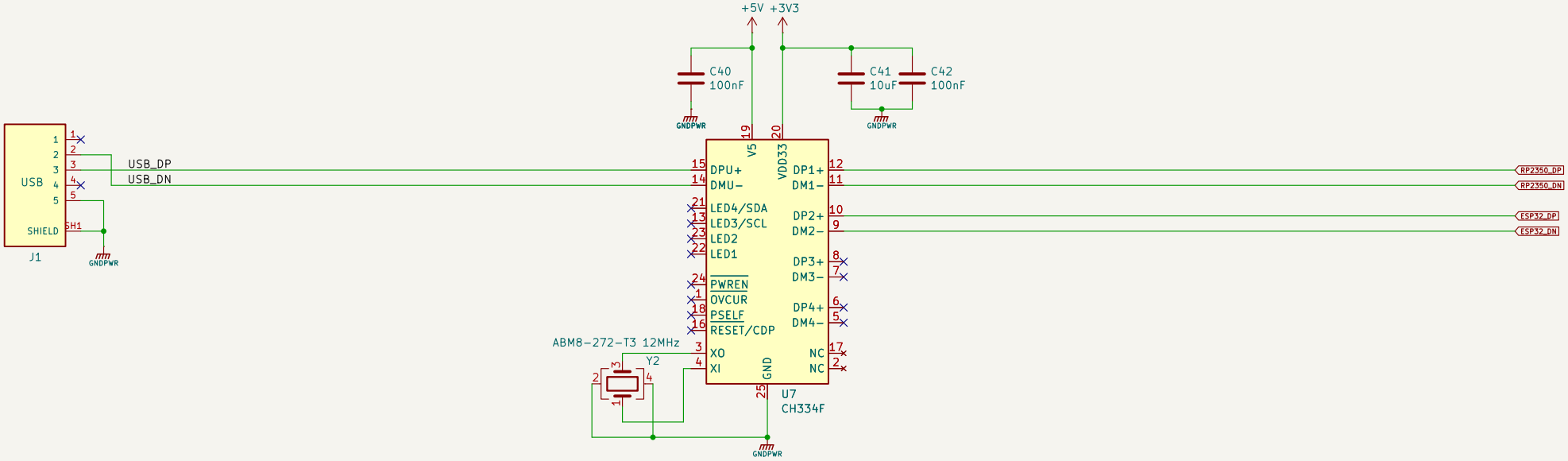
| Sheet: /Power Supply/ | | |
| File: PICOZ80-PowerSupply_v26d.kicad_sch | | |
| **Title: Power Supply** | | |
| Size: A4 | Date: 2026-04-01 | **Rev: 2.6d** |
| KiCad E.D.A. 10.0.8 | | Id: 5/6 |




Sheet: /USB Hub/
File: PICOZ80−USBHUB_v26d.kicad_sch

**Title: USB Hub Controller**

| Size: A4 | Date: 2026−04−01 | **Rev: 2.6d** |
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| KiCad E.D.A. 10.0.8 | | Id: 6/6 |