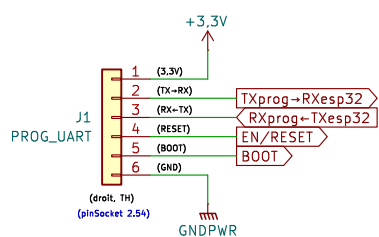


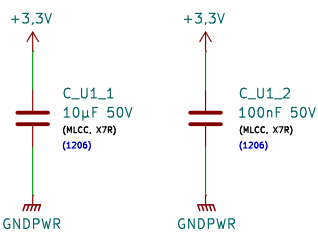
Connecteur prog (UART)



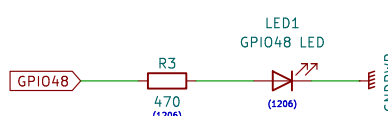
À raccorder sur
convertisseur USB/UART
"fait-maison" (avec auto-boot)

<https://passionelectronique.fr/convertisseur-usb-uart-esp32-avec-autoboot/>

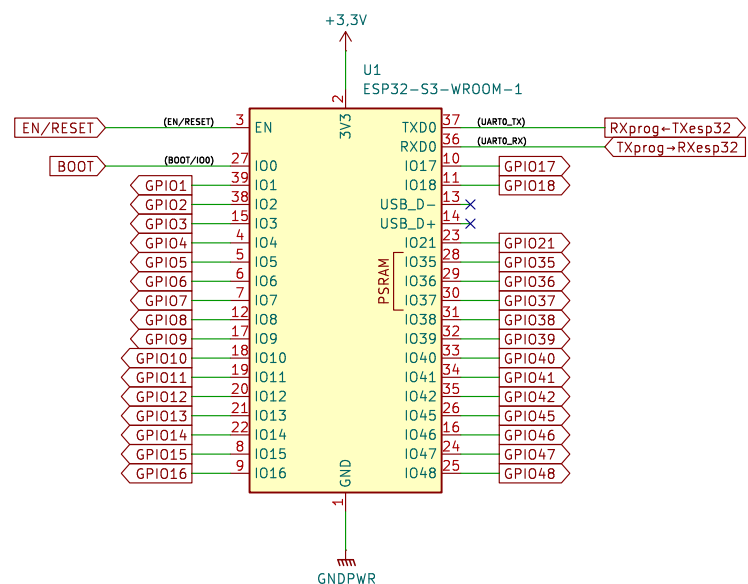
Filtrage/découplage ESP32



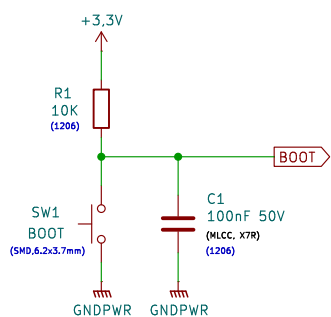
Led embarquée (IO48)



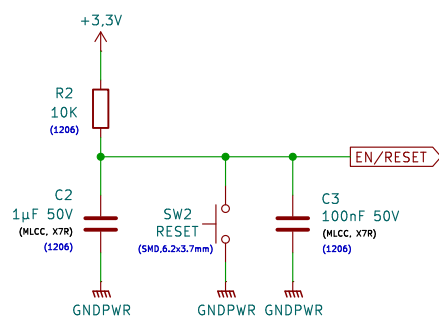
Microcontrôleur (ESP32-S3-WROOM-1)



Boot manuel ESP32



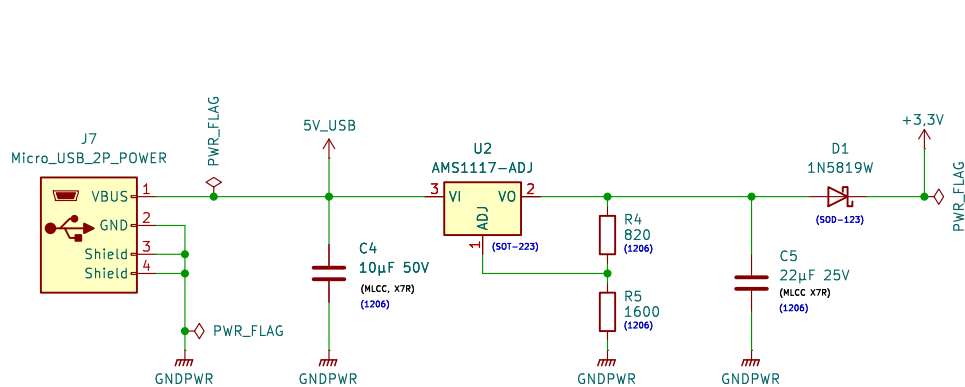
Reset manuel ESP32



Liste des ESP32-S3-WROOM-1 acceptables ici :

- ESP32-S3-WROOM-1-N4 : 4 MB Flash, sans PSRAM
- ESP32-S3-WROOM-1-N8 : 8 MB Flash, sans PSRAM
- ESP32-S3-WROOM-1-N16 : 16 MB Flash, sans PSRAM
- ESP32-S3-WROOM-1-N4R2 : 4 MB Flash, 2 MB PSRAM
- ESP32-S3-WROOM-1-N8R2 : 8 MB Flash, 2 MB PSRAM
- ESP32-S3-WROOM-1-N4R8 : 4 MB Flash, 8 MB PSRAM
- ESP32-S3-WROOM-1-N8R8 : 8 MB Flash, 8 MB PSRAM
- ESP32-S3-WROOM-1-N16R8 : 16 MB Flash, 8 MB PSRAM

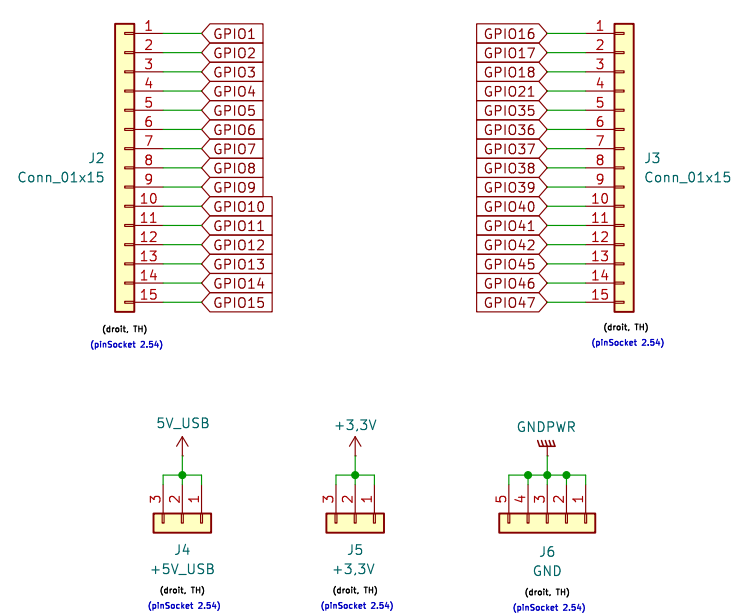
Alimentation USB (power only)



Alim 5V
micro USB

Abaissement 5V → 3,3V

Sorties Carte ESP32



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Jérôme TOMSKI (<https://passionelectronique.fr/>)

Sheet: /

File: ESP32-S3-Simple-Dev-Board.kicad_sch

Title: ESP32-S3 Simple Dev Board

Size: User Date: 2025-08-06

KiCad E.D.A. 9.0.4

Rev: V1

Id: 1/1