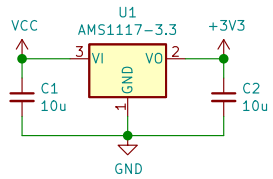
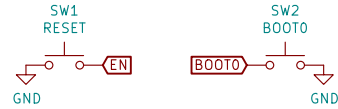


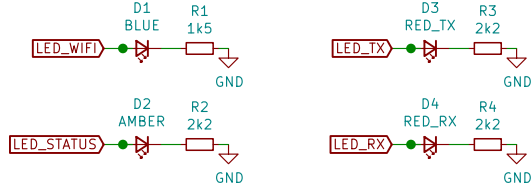
Input voltage regulator



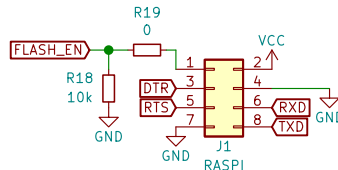
Button switches



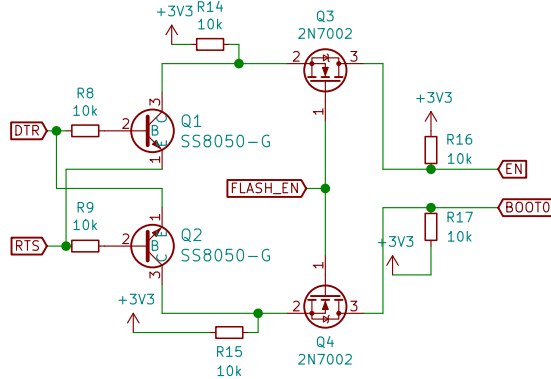
LEDs



Raspberry Pi-style connector



ESPTool flash with RS232 adapter or SBC GPIO

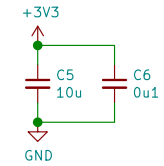
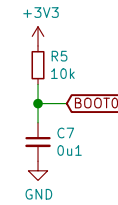


esptool.py auto program

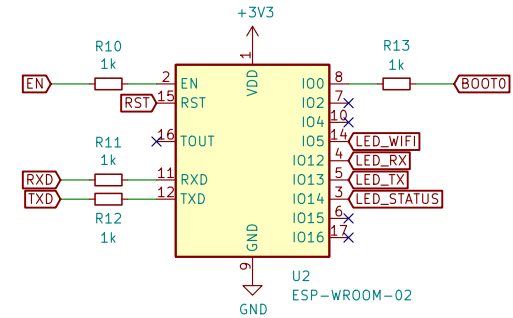
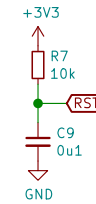
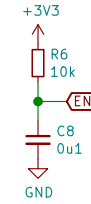
FLASH_EN	DTR	RTS	EN	IO0
1	1	1	1	1
1	0	0	1	1
1	1	0	0	1
1	0	1	1	0
0	-	-	1	1

FLASH_EN can be masked by removing the 0 ohm resistor marked FLASH_EN_MASK. If removed, FLASH_EN will always be low and therefore EN+IO0 will be pulled high.

ESP8266



Close to ESP8266 VDD



The board is compatible with any board that uses a Raspberry Pi-compatible header pinout

Davide Depau

Sheet: /
File: wi-se-rpi.sch

Title: Wi-Se ESP8266 – Raspberry Pi-style header version

Size: A4 Date: 2021-01-14

KiCad E.D.A. kicad 5.1.9

Rev: v0.1

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