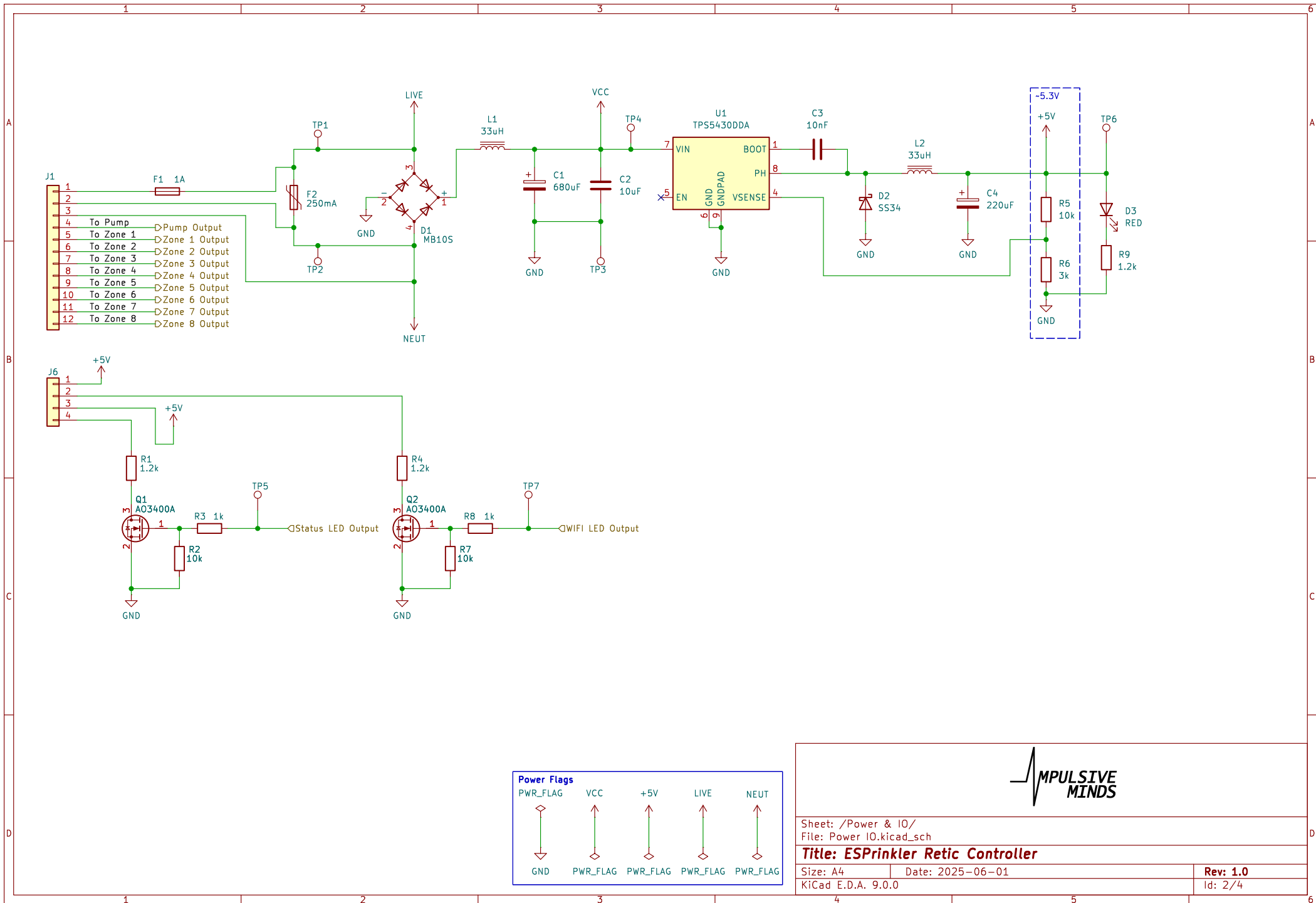


Resources:
https://www.st.com/resource/en/application_note/an5114-controlling-a-triac-with-a-phototriac-stmicroelectronics.pdf
https://www.st.com/resource/en/application_note/an437-rc-snubber-circuit-design-for-triacs-stmicroelectronics.pdf
https://docs.espressif.com/projects/esp-dev-kits/en/latest/esp32/_images/esp32_devkitC_v4_pinlayout.png
https://docs.espressif.com/projects/esp-dev-kits/en/latest/esp32/esp32-devkitc/user_guide.html#header-block
https://www.espressif.com/sites/default/files/documentation/esp32-wroom-32e_esp32-wroom-32ue_datasheet_en.pdf



Sheet: /		
File: ESPrinkler Retic PCB.kicad_sch		
Title: ESPrinkler Retic Controller		
Size: A4	Date: 2025-06-01	Rev: 1.0
KiCad E.D.A. 9.0.0	Id: 1/4	



Sheet: /Power & IO/
File: Power IO.kicad_sch

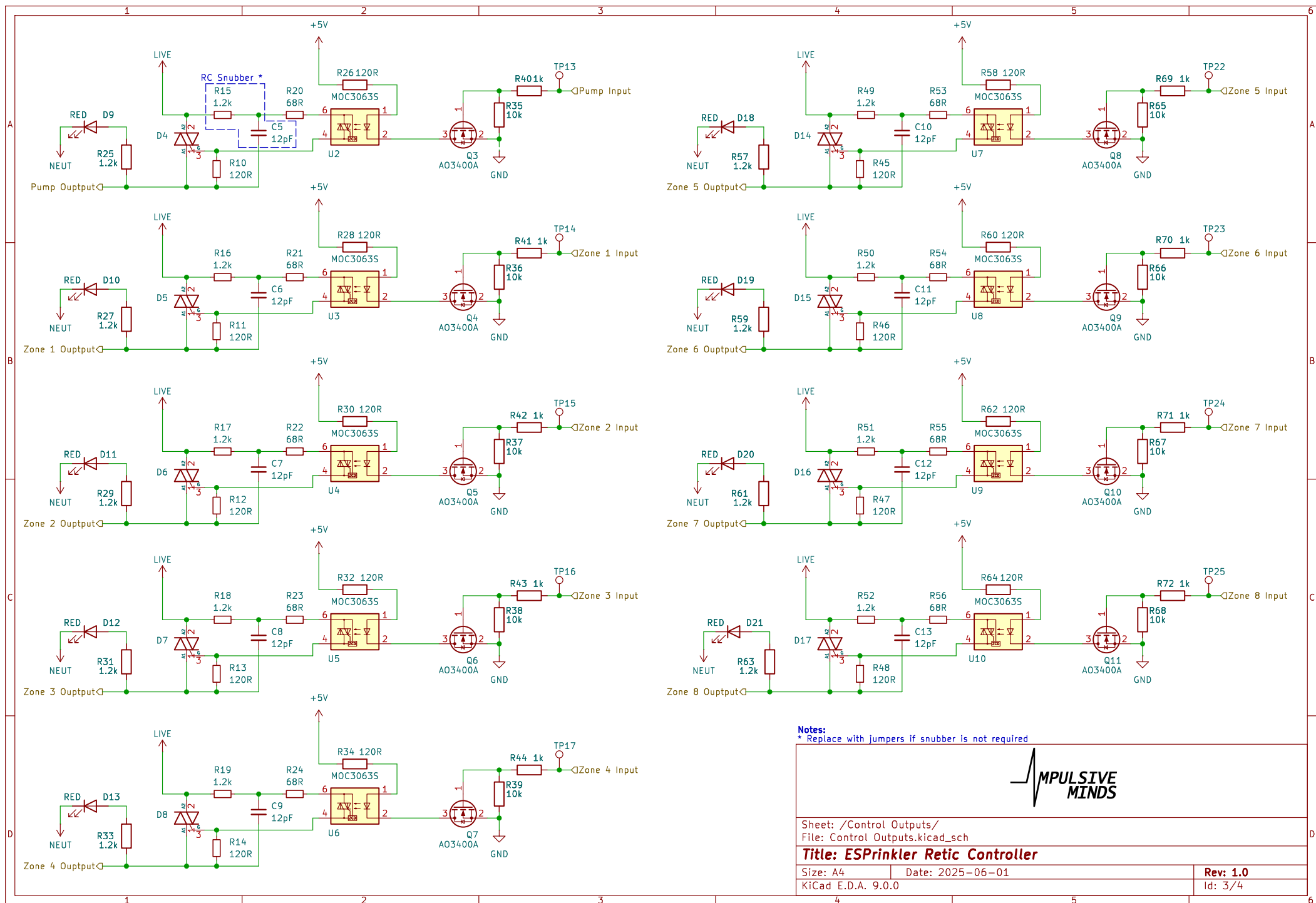
Title: ESPrinkler Retic Controller

Size: A4 Date: 2025-06-01

KiCad E.D.A. 9.0.0

Rev: 1.0

Id: 2/4



Notes:

* Replace with jumpers if snubber is not required



Sheet: /Control Outputs/
File: Control Outputs.kicad_sch

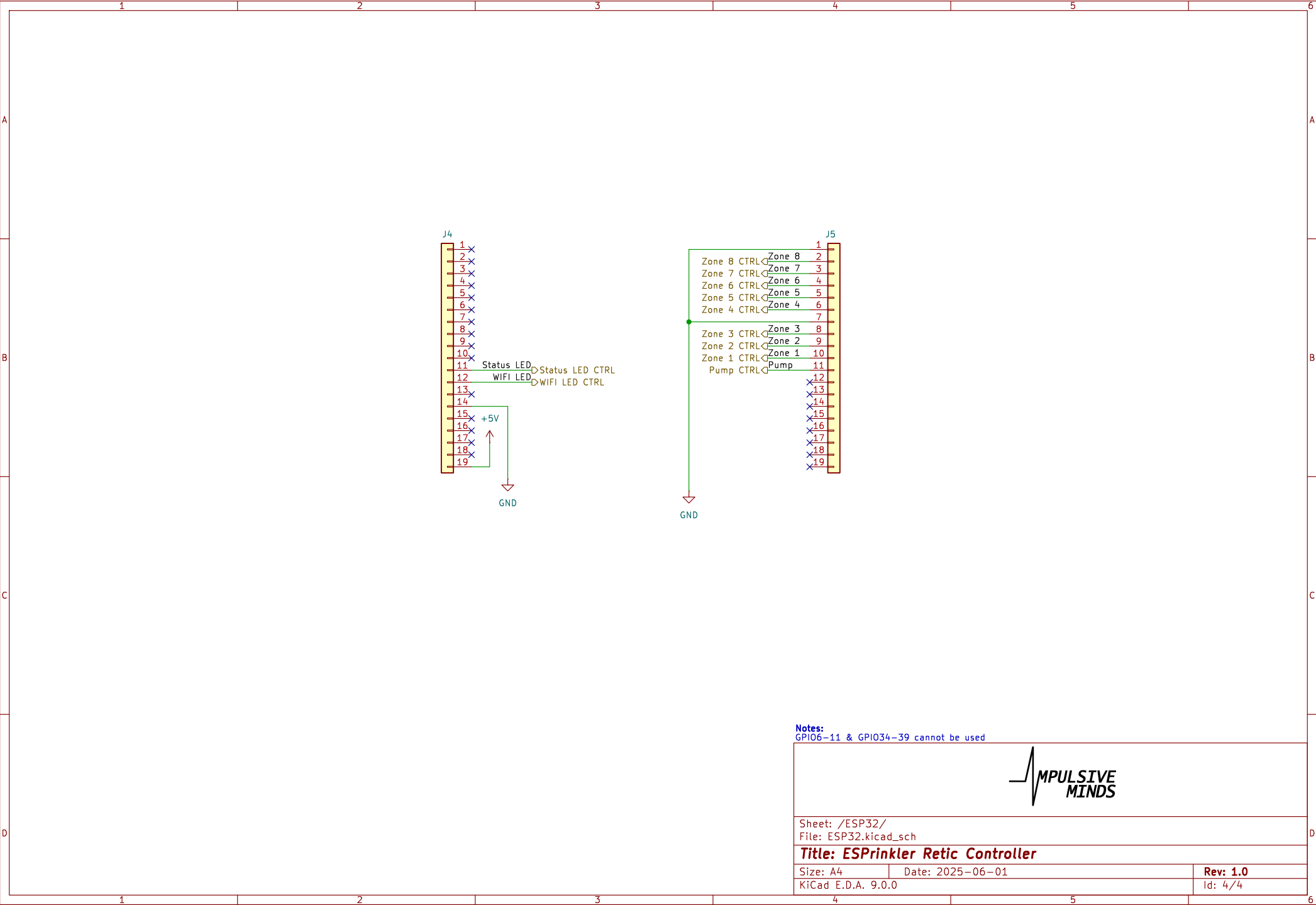
Title: ESPrinkler Retic Controller

Size: A4 Date: 2025-06-01

KiCad E.D.A. 9.0.0

Rev: 1.0

Id: 3/4



Notes:
GPIO6-11 & GPIO34-39 cannot be used



Sheet: /ESP32/ File: ESP32.kicad_sch		
Title: ESPrinkler Reti Controller		
Size: A4	Date: 2025-06-01	Rev: 1.0
KiCad E.D.A. 9.0.0		Id: 4/4