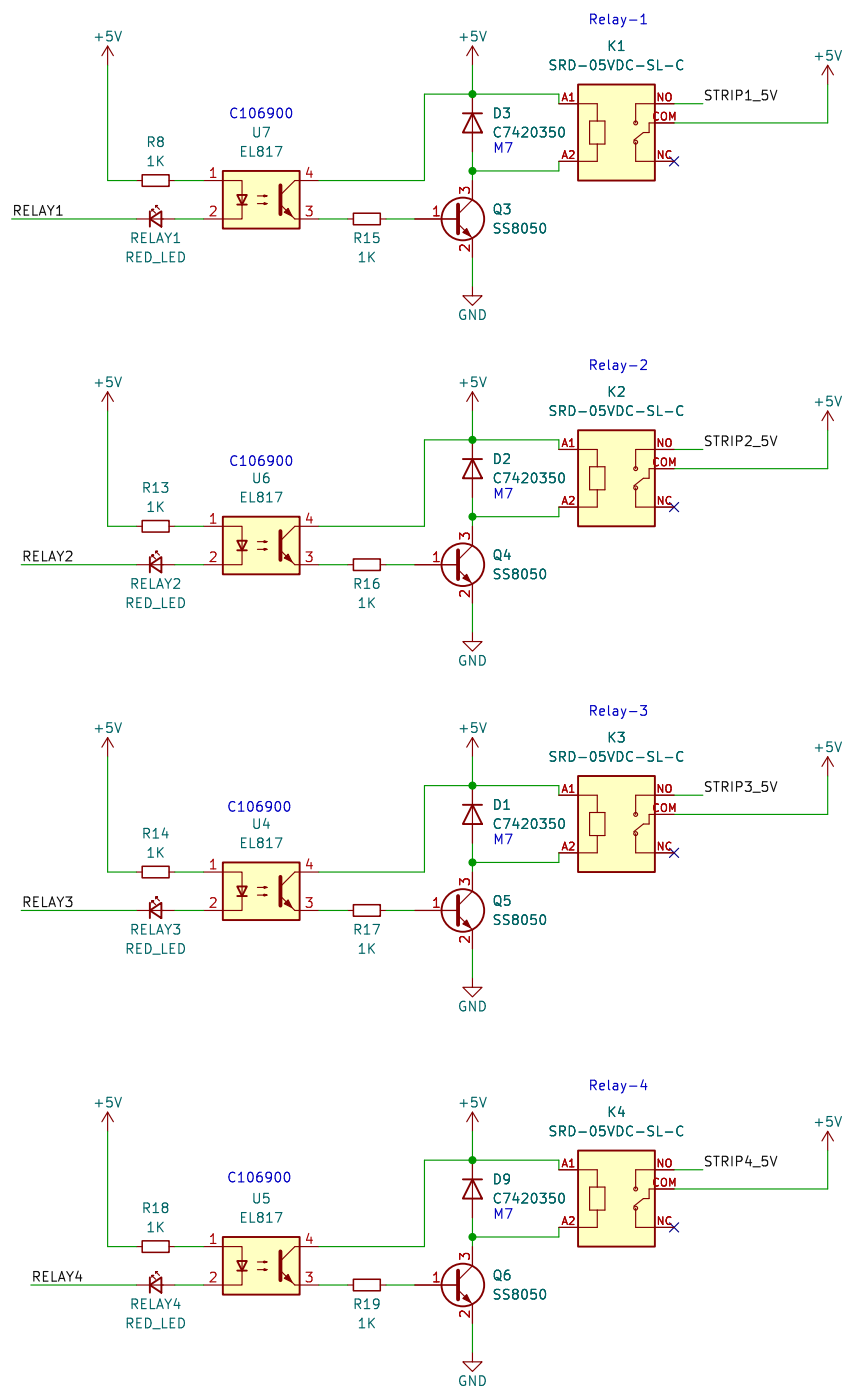
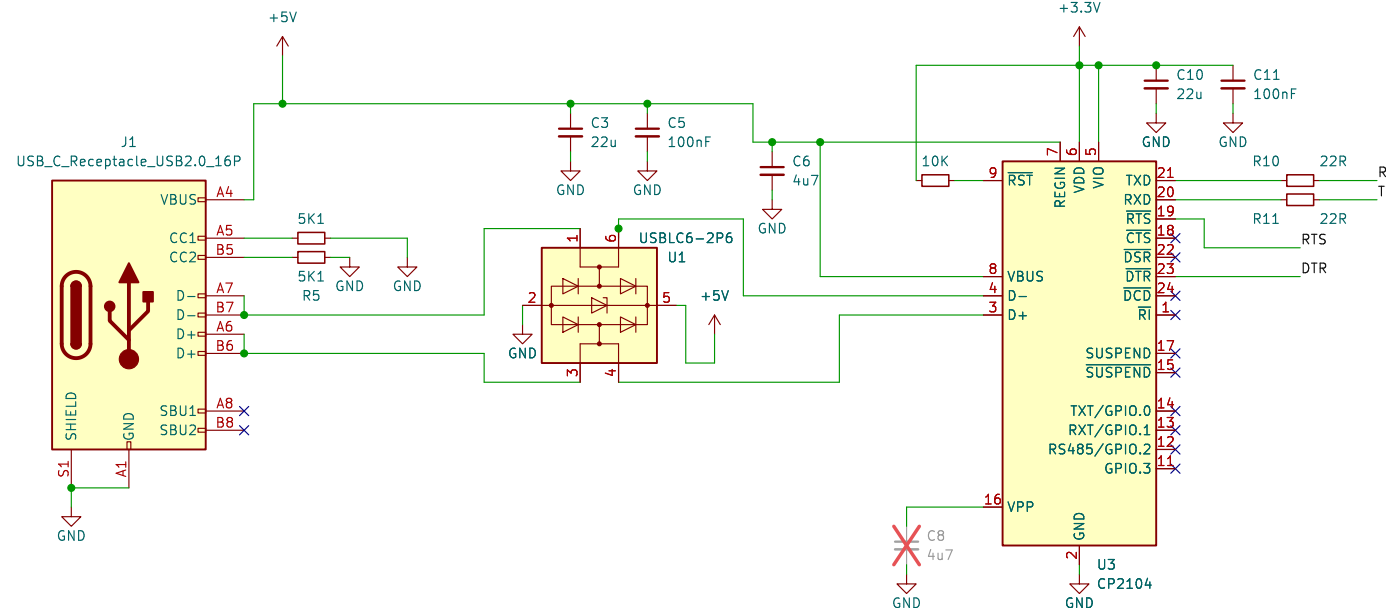


ESP32 WLED CONTROLLER

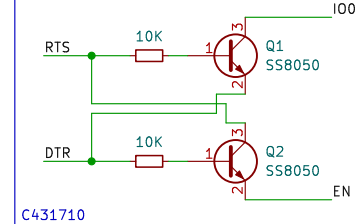
RELAYS



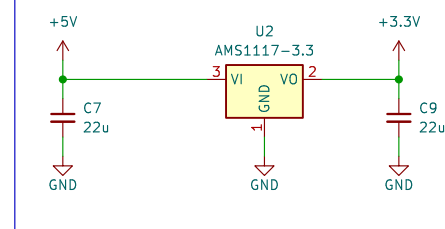
USB TO SERIAL CONVERTER



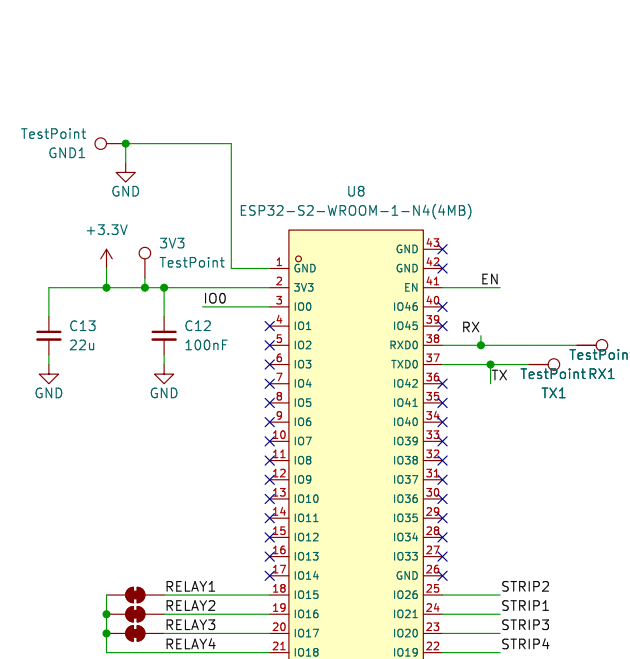
BJT



3.3V to 5V

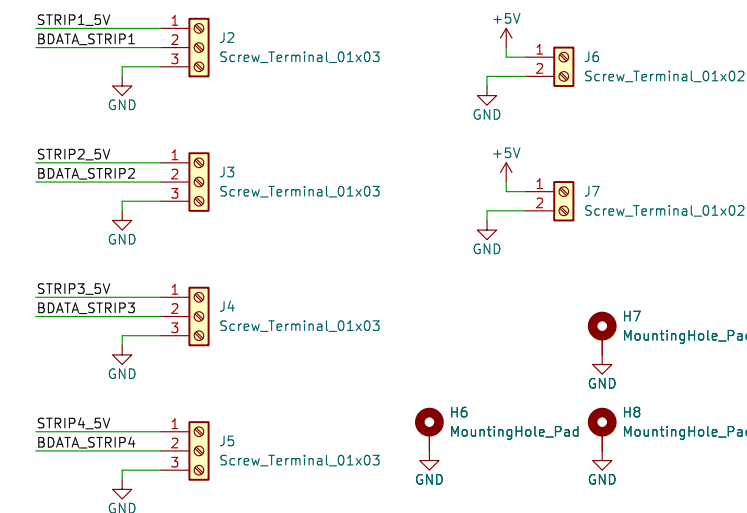


ESP32

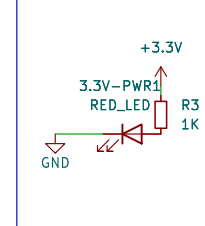


IO0 -> avoid device connections
IO2 -> avoid external pullups - bootloader fail
IO5 -> builtin pullup POR
IO12 -> avoid external pullups - bootloader fail
IO15 -> builtin pullup POR
ADC2 disabled when using wifi

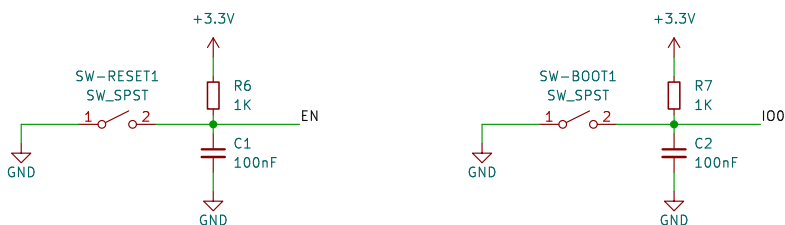
HEADERS AND HOLES



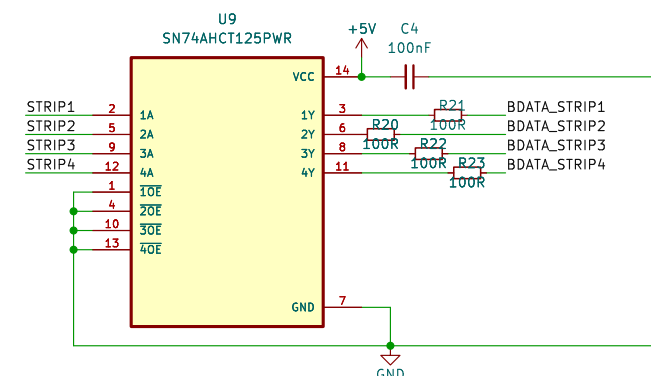
PWR LED



BUTTONS



LEVEL SHIFTER



Sheet: /
File: esp32_wled_controller.kicad_sch

Title: ESP32 WLED CONTROLLER

Size: A3 Date: 24/05/2024

Rev: 1.2

KiCad E.D.A. 8.0.1

Id: 1/1