

Controls

SW1, R1 (4k7), RST, C3 (100n), GND, +3V3

SW2, R3 (4k7), BOOT, GND, +3V3

SW3, J5, C11 (100n), GND, +3V3, WLED_CTRL_I013

not on PCB!
cycle effects
ramp brightness
cycle palettes

Terminals

J1: 3 ESP_RXD, 2 ESP_TXD, 1 GND

J2: 3 +5V, 2 LED_DATA, 1 GND

Power Supply

+5V, F1 (5A), SW4, J3, J4, GND, +5Vin

U1 (MT3420C), L1 (2μ2), R2 (4k7), C12 (10μ), C2 (100n), EN, SW, FB, 0.6V, GND, +3V3

R4 (300Ω), C14 (22p opt.), C9 (22μ), C10 (100n), R5 (51k), R6 (15k), GND

brightness, WLED_CTRL_I025, RV1, R8 (4k7), R9 (4k7), GND, +3V3

speed, WLED_CTRL_I026, RV2, R10 (4k7), R11 (4k7), GND, +3V3

intensity, WLED_CTRL_I014, RV3, R12 (4k7), R13 (4k7), GND, +3V3

[illegible]