

## BOM\_PCB\_WT\_v10\_2023-11-24

| Name              | Designator                                    | Footprint          | Quantity |
|-------------------|---|--------------------|----------|
| SS8050-H          | Q1,Q2   | SOT-23-3_L2.9-W1.1 | 2        |
| 10K               | R12,R17                                       | R0603              | 2        |
| 100K              | R16,R15                                       | R0603              | 2        |
| LED_Tx            | I1,I2,I3                                      | LED0603            | 3        |
| Sw_On_1           | SW_L1   | LED0603            | 1        |
| Sw_On_2           | SW_L2   | LED0603            | 1        |
| 1K                | R1,R3,R4,R5,R6,R9,R10,R11,R13,R14,R19,R23,R24 | R0603              | 13       |
| LED-Blue(0603)    | PWR   | LED0603            | 1        |
| SW4               | SW_IN   | SW-SMD_4P-G-SWI    | 1        |
| 0.1uF             | C14,C12,C13,C8,C11,C6,C7                      | C0603              | 7        |
| LED_Indicator     | LED1,LED2,LED3,LED4,LED5,STDBY,CHG            | LED0603            | 7        |
| 10uf              | C2,C3,C4                                      | C0603              | 3        |
| 510R              | R2  | R0603              | 1        |
| Switch_Header     | J7  | HEADER-1X1-3MM     | 1        |
| 5K                | R21,R22,R8                                    | R0603              | 3        |
| 47uf              | C9,C10  | C0603              | 2        |
| switch            | BTN   | SIDE_SWITCH        | 1        |
| Battery_connector | CN1   | JST-PH-2-THM       | 1        |
| USB               | USB   | MINI-USB-SMD_U25   | 1        |
| SW1               | BOOT  | KEY-3.7*6.1        | 1        |
| SW2               | EN  | KEY-3.7*6.1        | 1        |
| ESP32             | U1  | ESP32-WROOM FO     | 1        |
| HDR1X5            | P5  | HDR1X5 FIX         | 1        |
| 330E              | R18,R20                                       | R0603              | 2        |
| CP2102            | U2  | QFN-28_L5.0-W5.0-I | 1        |
| 10k               | R7  | R0603              | 1        |
| 100uF             | C5  | CP_TANTALUM_CA     | 1        |
| Engy_Header       | J3  | HEADER-1X1-3MM     | 1        |
| 5V_Header         | J4  | HEADER-1X1-3MM     | 1        |
| Gnd_Header        | J5  | HEADER-1X1-3MM     | 1        |
| IN4007            | D1  | SMA_L4.3-W2.6-LS5  | 1        |
| TP4056            | U3  | TP4056             | 1        |
| TOUCH-PAD-8-PA    | J2  | TOUCH-PAD-8-PAD    | 1        |