ESP32-C3-WROOM-02-N4

SW1
RST

ESP32_EN

0.1 uF
C2

GND

+3.3V

R1
10k

ESP32_EN

C5
10 uF

GND

+3.3V

R6
10k

IO2

IO8

10k
R7

U1
ESP32-C3-WROOM-02-N4

2	EN	3V3	1	
18	IO0			
17	IO1	IO8	7	IO8
16	IO2	IO9	8	BOOT
15	IO3	IO10	10	
3	IO4	IO18	13	
4	IO5	IO19	14	
5	IO6			
6	IO7			
12	TXD			
11	RXD	GND		

ADC_EN
IO2
ADC

I2C_SDA
I2C_SCL

ESP32_TX
ESP32_RX

GND

+3.3V

C3
0.1 uF

C4
10 uF

GND

+BATT

Q1
BSS84

R8
10k

R2
220k

ADC

R9
10k

ADC_EN

Q2
S8050

R3
220k

GND

SHT31

+3.3V

C7
0.1 uF

GND

U2
SHT31-DIS-B2.5kS

2	ADDR	SDA	1	I2C_SDA
6	RESET	SCL	4	I2C_SCL
7	R	ALERT	3	

VDD 5
VSS 8

GND

+3.3V

R4
2k2

I2C_SDA

R5
2k2

I2C_SCL

I2C ADDR: 0x44

Voltage Regulator

+BATT

+3.3V

U3
MD5233

3	VI	VO	2
	GND		
	1		

C8
10 uF

C9
10 uF

GND

Connectors

+BATT

BT1
Li-Ion- 550 mAh

GND

+BATT

J1
BAT Pins

1
2

GND

J2
Pogo Pins

ESP32_TX 1   2 BOOT
ESP32_RX 3   4

GND