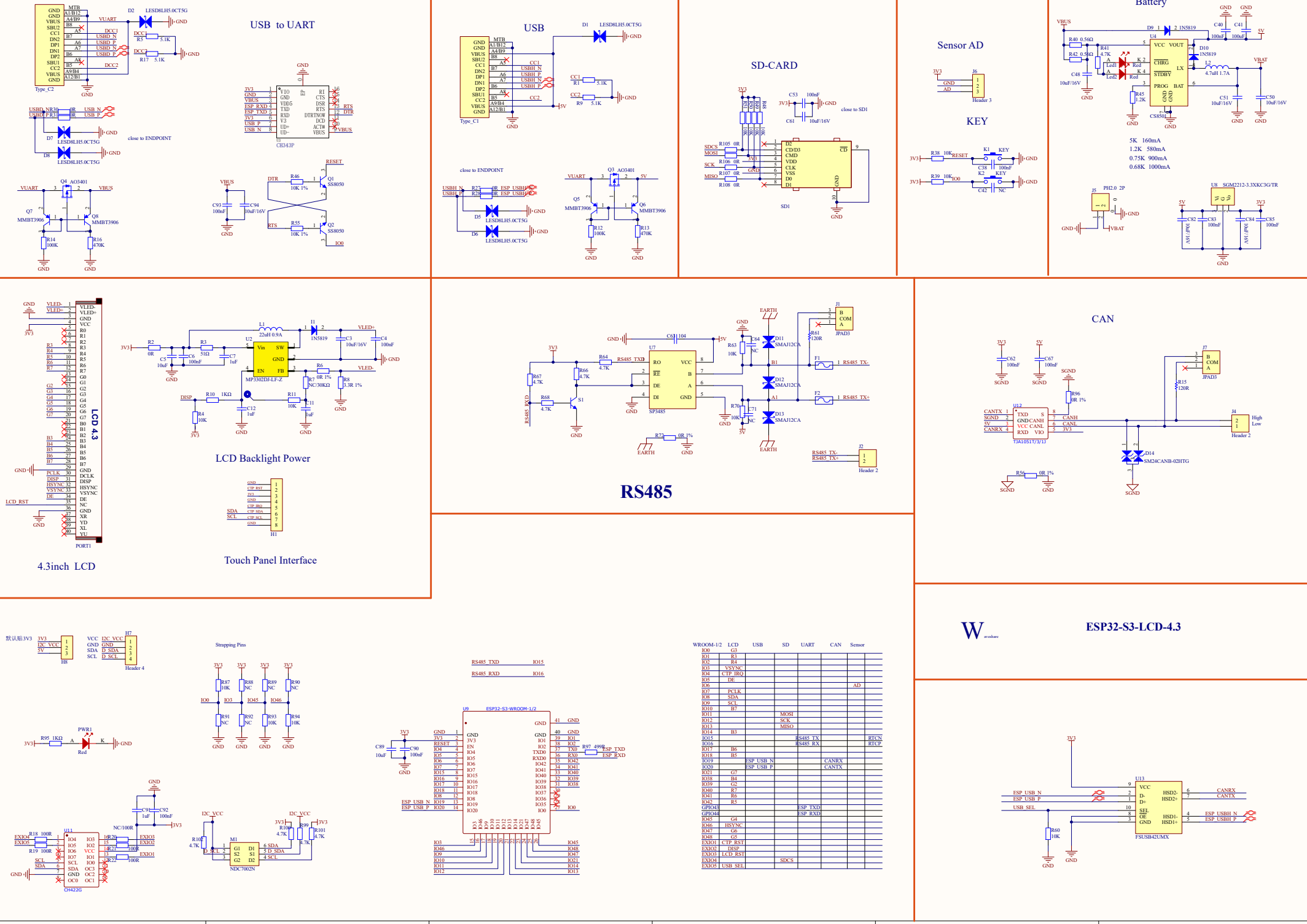
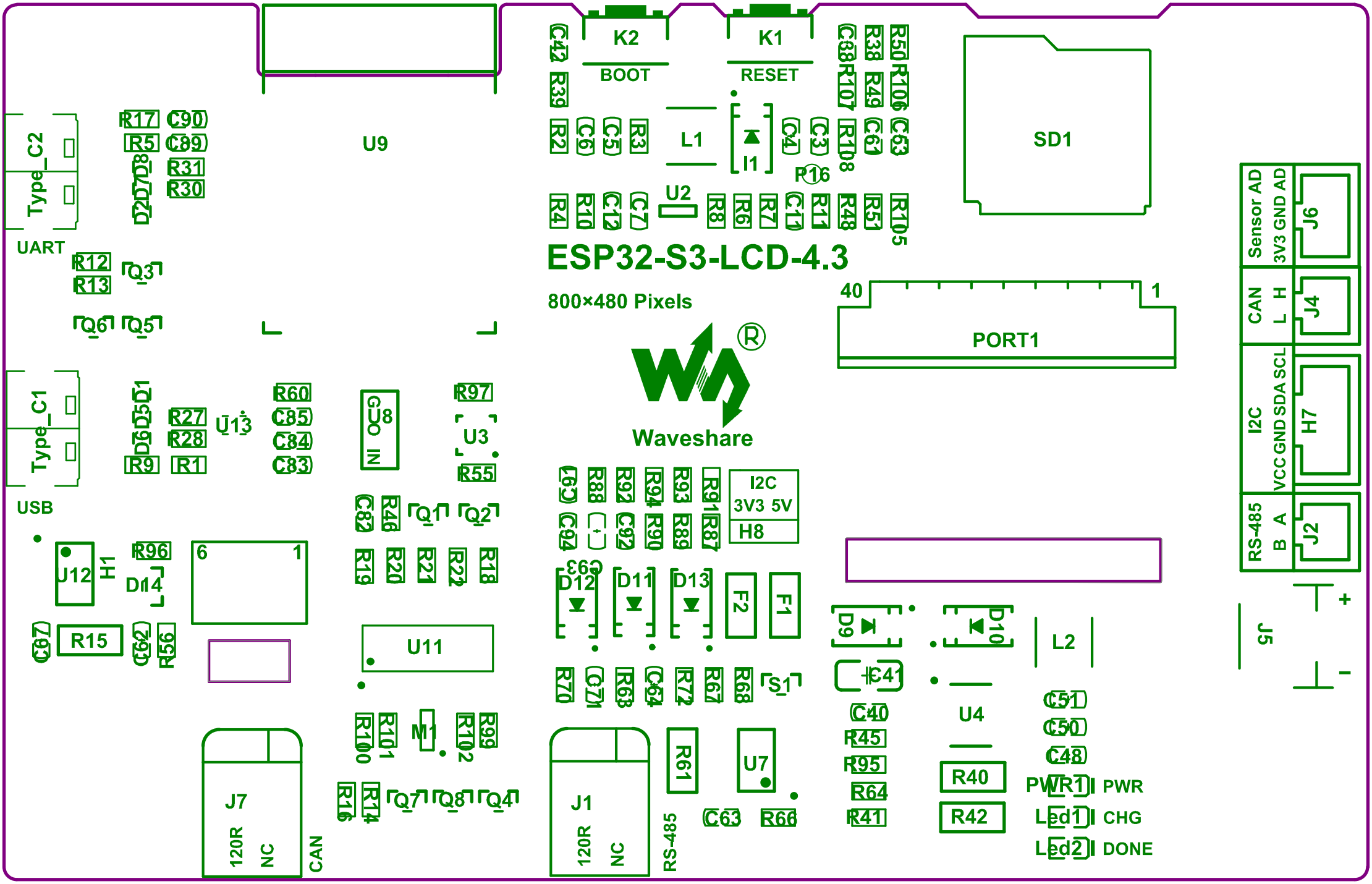
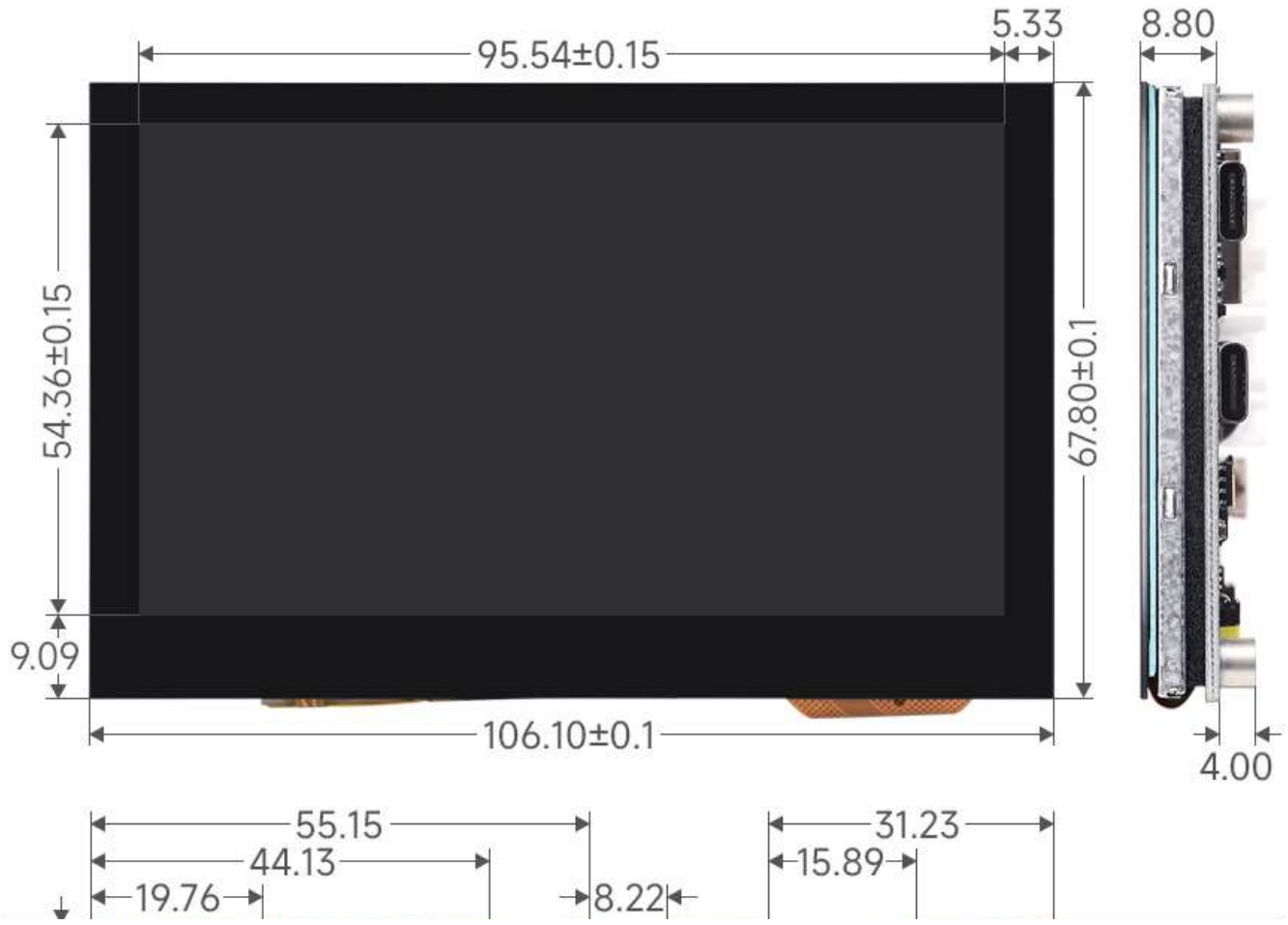
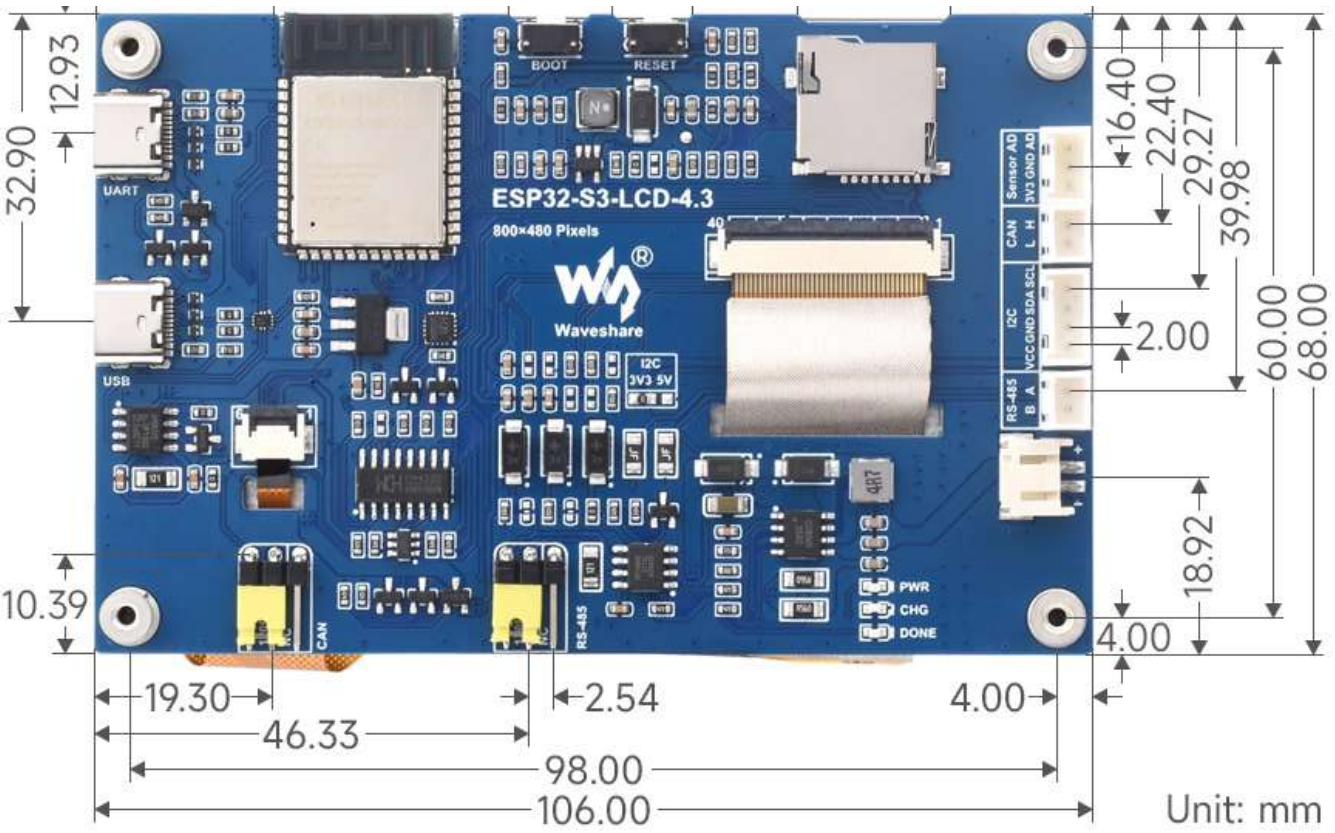

USB to UART
USB
SD-CARD
Sensor AD
KEY
Battery
5K 160mA
1.2K 580mA
0.75K 900mA
0.68K 1000mA
close to ENDPOINT
close to SD1
LCD 4.3
4.3inch LCD
LCD Backlight Power
Touch Panel Interface
RS485
CAN
ESP32-S3-LCD-4.3
Strapping Pins
ESP32-S3-WROOM-1/2
WROOM-1/2 LCD USB SD UART CAN Sensor



ESP32-S3-LCD-4.3
800×480 Pixels
Waveshare
K2
BOOT
K1
RESET
SD1
U9
U2
L1
I1
PORT1
40
1
Type_C2
UART
Type_C1
USB
J6
J4
H7
J2
J5
Sensor AD
3V3 GND AD
CAN
L H
I2C
VCC GND SDA SCL
RS-485
B A
I2C
3V3 5V
H8
U3
U8
GND IN
U11
U12
H1
J7
120R
NC
CAN
J1
120R
NC
RS-485
U7
U4
L2
D9
D10
D11
D12
D13
F1
F2
S1
M1
PWR1
PWR
Led1
CHG
Led2
DONE


95.54±0.15
5.33
8.80
54.36±0.15
67.80±0.1
9.09
106.10±0.1
4.00
55.15
44.13
19.76
8.22
31.23
15.89


ESP32-S3-LCD-4.3
800×480 Pixels
Waveshare
BOOT
RESET
UART
USB
CAN
RS-485
I2C
3V3 5V
PWR
CHG
DONE
Sensor AD
3V3 GND AD
CAN
L H
I2C
VCC GND SDA SCL
RS-485
B A
12.93
32.90
10.39
16.40
22.40
29.27
39.98
60.00
68.00
2.00
18.92
4.00
19.30
46.33
2.54
4.00
98.00
106.00
Unit: mm