U2
2542WR-04P/aht20

VCC
R1 10K
R2 10K
SDA
SCL
GND
VCC

U3
2542WR-04P/oled
SDA
SCL

U1
ESP32C3-SuperMini
1 GPIO5 — SWITCH
2 GPIO6 — SDA
3 GPIO7 — SCL
4 GPIO8 — SCK
5 GPIO9 — MISO
6 GPIO10 — MOSI
7 GPIO20 — RX
8 GPIO21 — TX
16 5V — +5V
15 GND
14 3V3 — VCC
13 GPIO4 — TP1
12 GPIO3 — TP2
11 GPIO2 — SPEAKER
10 GPIO1 — DIN
9 GPIO0 — SS
GND

U4
WS2812
1 VDD
2 DOUT
4 DIN — DIN
3 VSS
VCC
GND

SW1
TS-1088-AR02016
SWITCH
C1 100nF
GND

SPEAKER
R3 10K
Q1 BCX56
BUZZER1 2.7kHz
VCC
GND

TP1
TP2
TX
RX
SCK
MISO
MOSI
SS

TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP8

Schematic	Schematic1	Create at	2025-08-05
		Update at	2025-08-06
Board	Board1	Page	P1
Drawn		esp32c3_ai_2025-08-06_06-44-43	
Reviewed			
	Version	Size	Page 1 Total 1
EasyEDA	V1.0	A4	EasyEDA.com