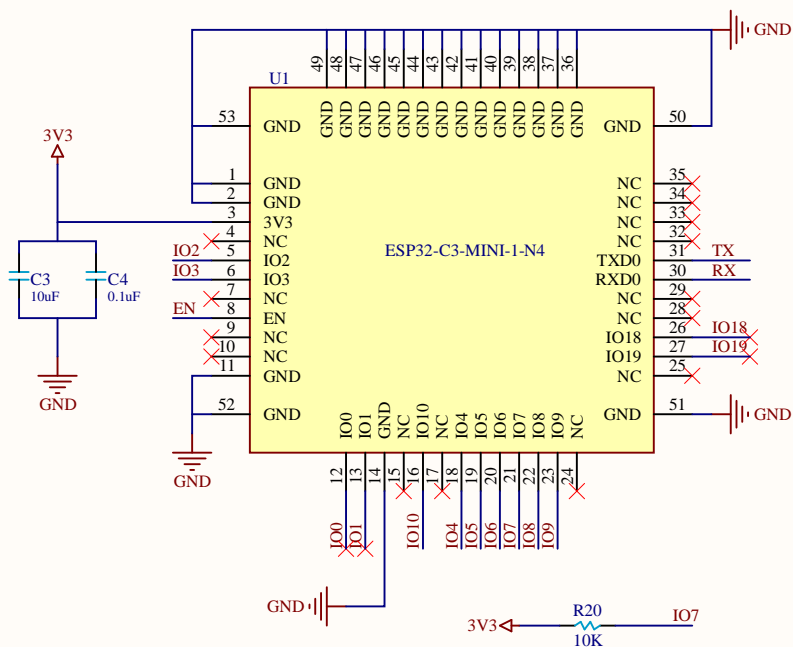
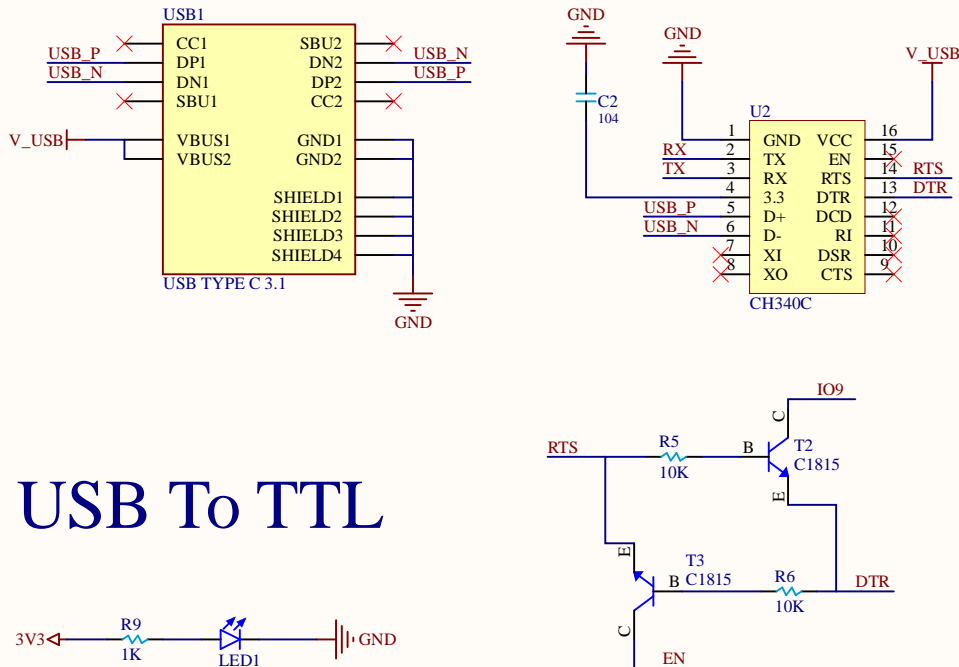


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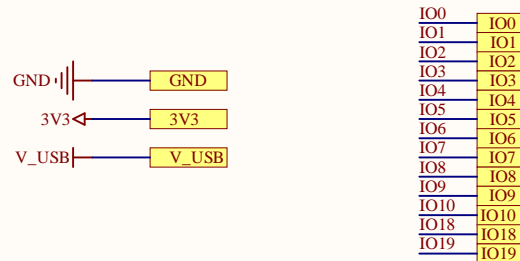
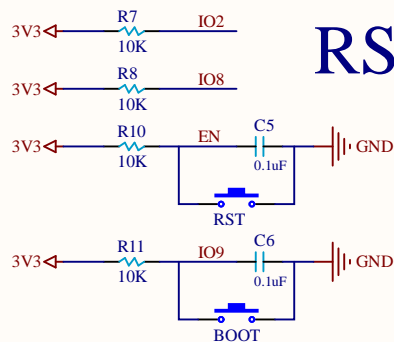
ESP32



USB To TTL

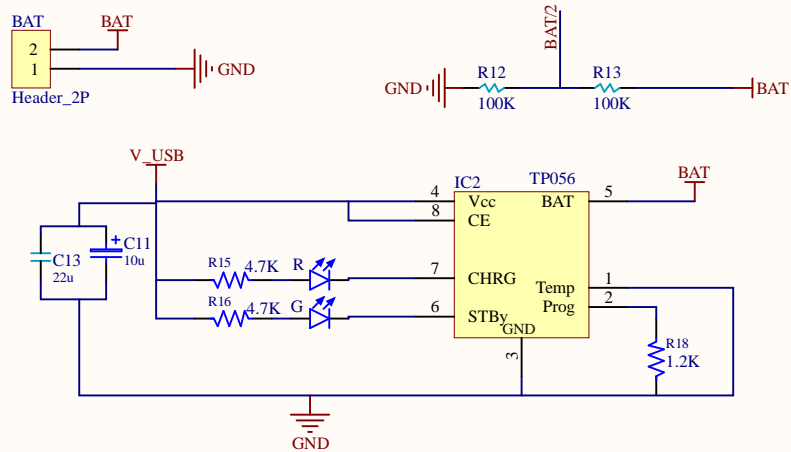


RST&BOOT

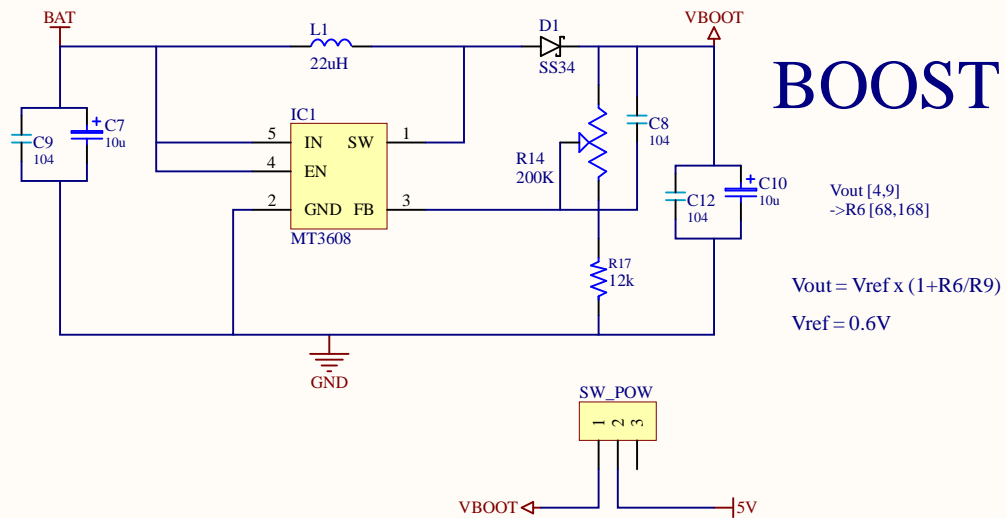


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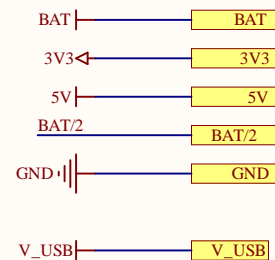
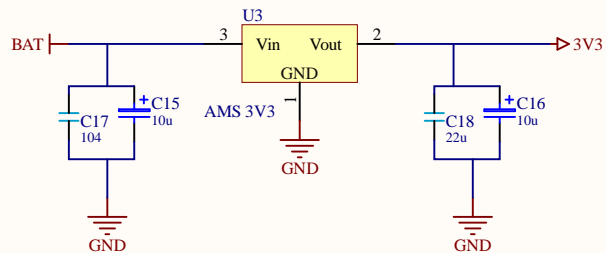
CHARGE



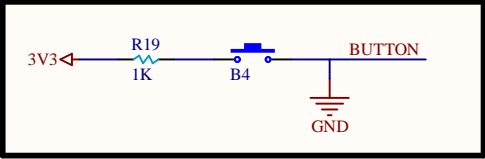
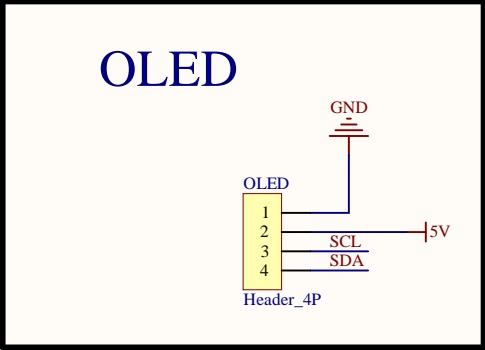
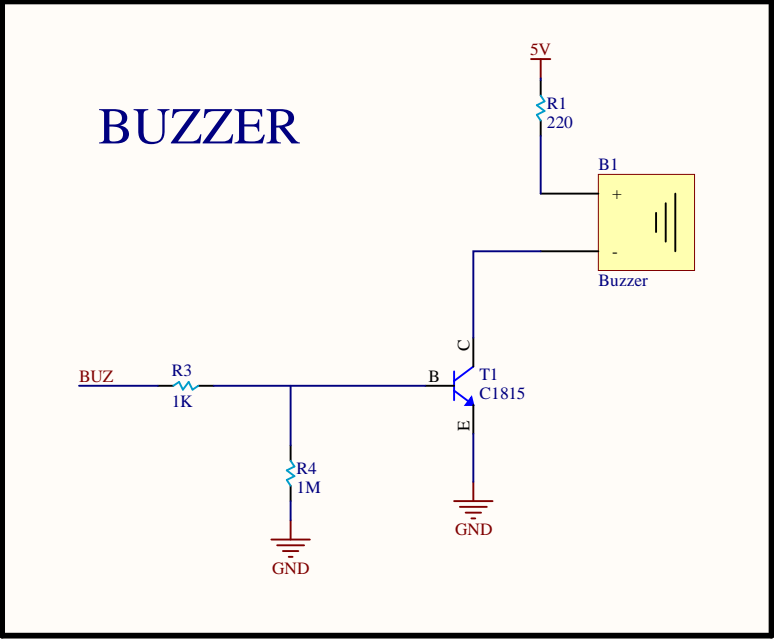
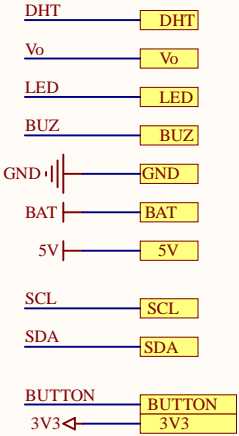
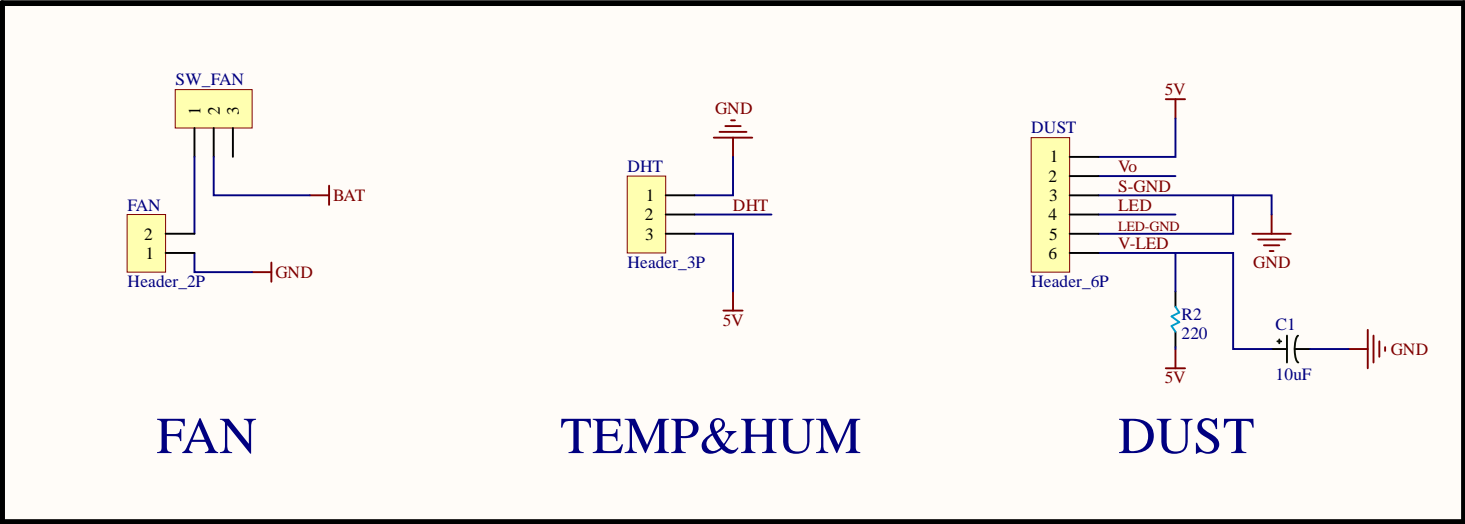
BOOST



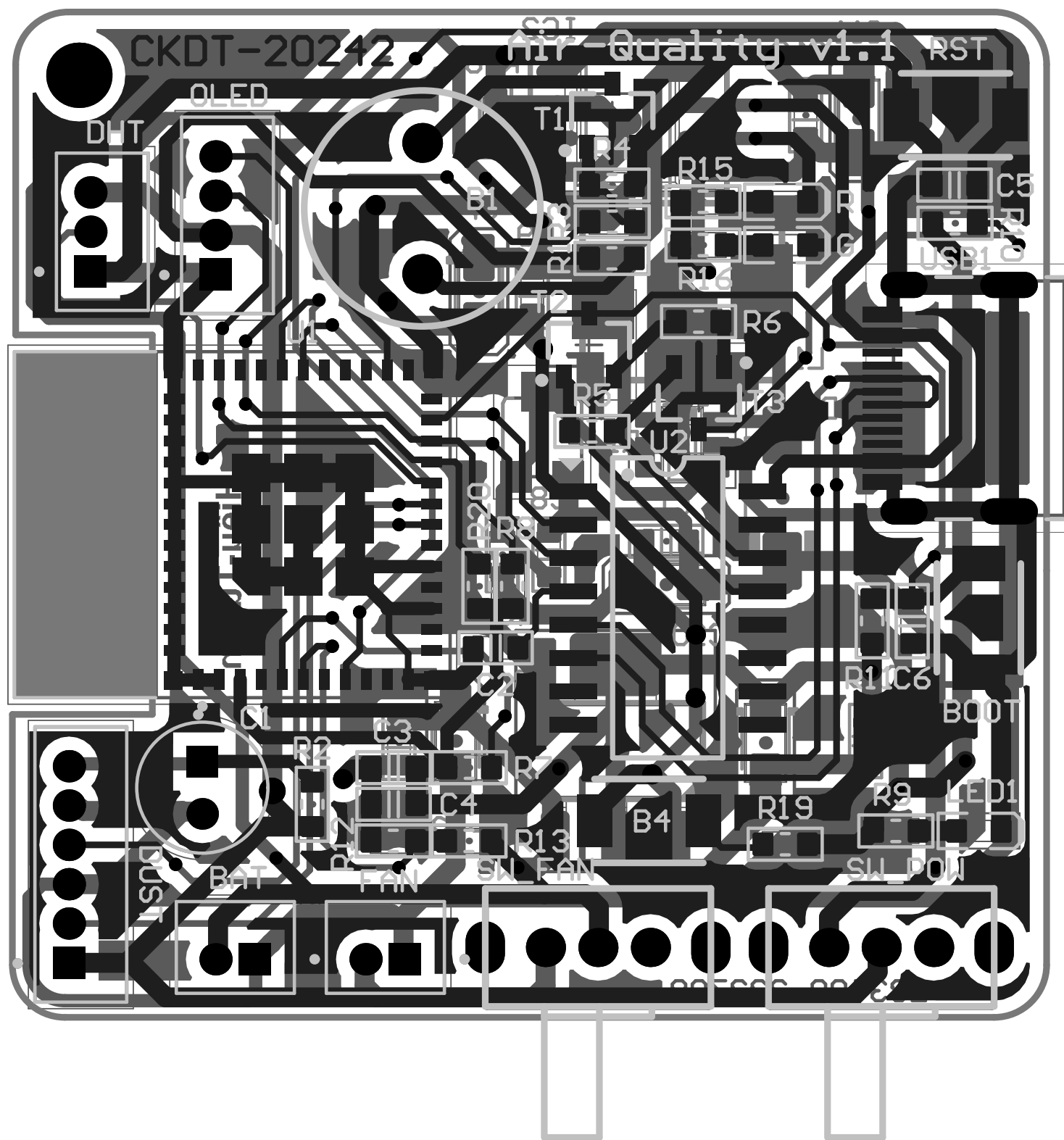
BUCK



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Title		
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Date:	5/24/2025	Sheet of
File:	D:\HUST\...\SENSOR.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
Buzzer		B1	Buzzer	Buzzer	1
BUTTON		B4, BOOT, RST	BUTTON 3x4x2	BUTTON	3
Header_2P		BAT, FAN	2P_1.5_V	Header_2P	2
10uF		C1	CAP5x11	Cap_P	1
104		C2, C8, C9, C12, C17	CAP 0603	CAP	5
10uF		C3	CAP 0603	CAP	1
0.1uF		C4, C5, C6	CAP 0603	CAP	3
10u		C7, C10, C11, C15, C16	CAP_T3216 (1208)	CAP_T	5
22u		C13, C18	CAP 0603	CAP	2
SS34		D1	DO214AC-SMA	DIODES	1
Header_3P		DHT	3P_1.5_V	Header_3P	1
Header_6P		DUST	6P_1.5_V	Header_6P	1
Green		G, LED1, R	LED 0603	LED SMD	3
MT3608		IC1	SOT23-6	MT3608	1
TP056		IC2	SOIC 8	TP4056	1
22uH		L1	INDUCTOR 0630	IDT	1
Header_4P		OLED	4P_1.5_V	Header_4P	1
220		R1, R2	RES 0603	RES	2
1K		R3, R9, R19	RES 0603	RES	3
1M		R4	RES 0603	RES	1
10K		R5, R6, R7, R8, R10, R11, R20	RES 0603	RES	7
100K		R12, R13	RES 0603	RES	2
200K	SMD	R14	RES VARIABLE	Res_variable	1
4.7K	Res 0805	R15, R16	RES 0603	Res SMD	2
12k	Res 0805	R17	RES 0603	Res SMD	1
1.2K	Res 0805	R18	RES 0603	Res SMD	1
SWITCH		SW_FAN, SW_POW	Switch SK12D07	SWITCH	2
C1815		T1, T2, T3	C1815	C1815	3
ESP32-C3-MINI-1-N4		U1	ESP32-C3-MINI-1-N4	ESP32-C3-MINI-1-N4	1
CH340C		U2	SOP16	CH340G	1
AMS3V3		U3	SOT223	AMS1117	1
USB TYPE C 3.1	16P	USB1	USB TYPE C 3.1	USB TYPE C 3.1	1