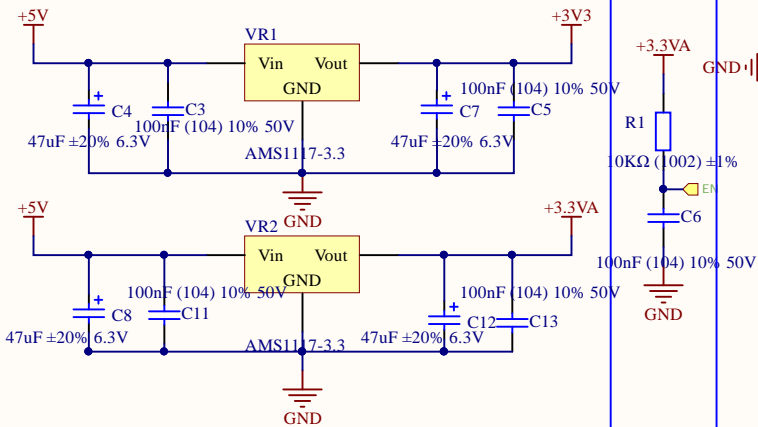
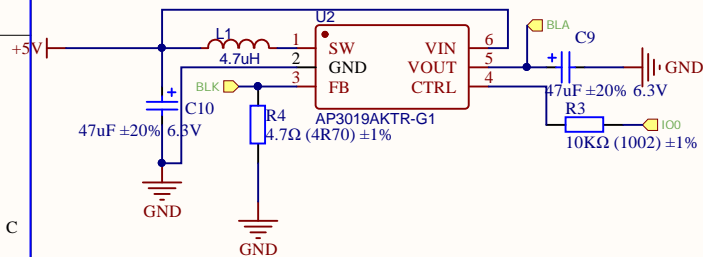


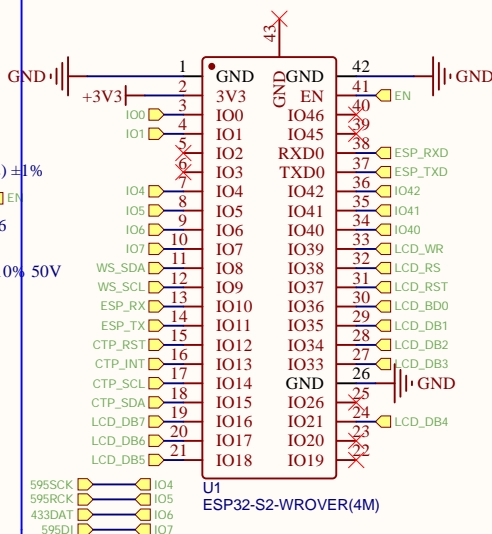
## 3.3V稳压



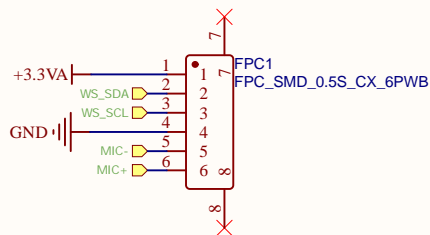
## LCD驱动



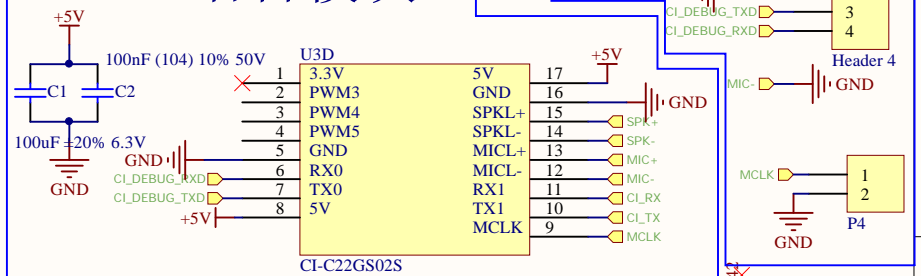
## CPU



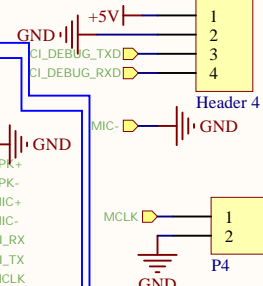
## 温湿度及麦克风



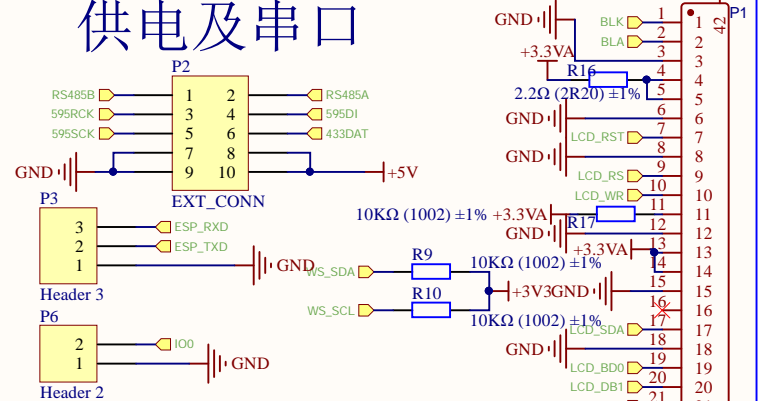
## 语音模块



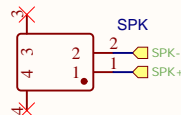
## 调试口



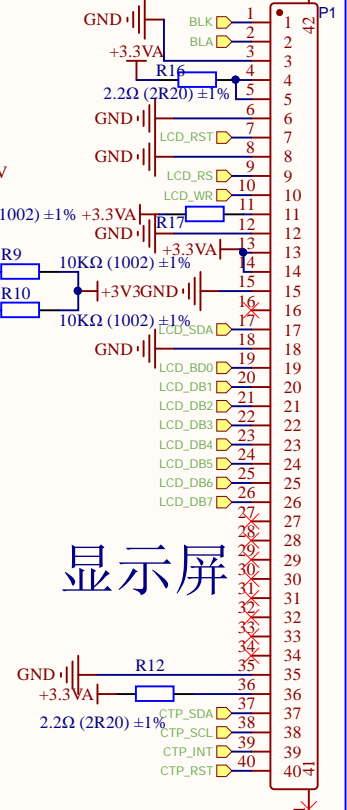
## 供电及串口



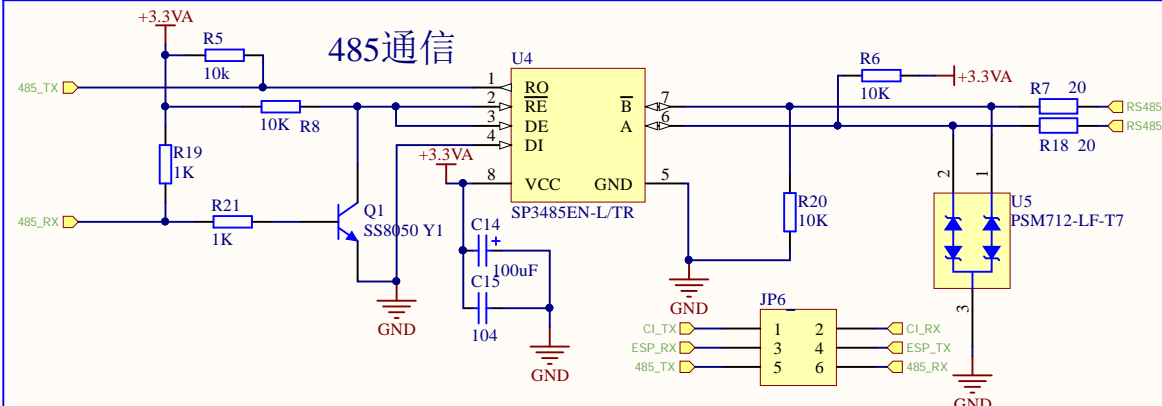
## 喇叭



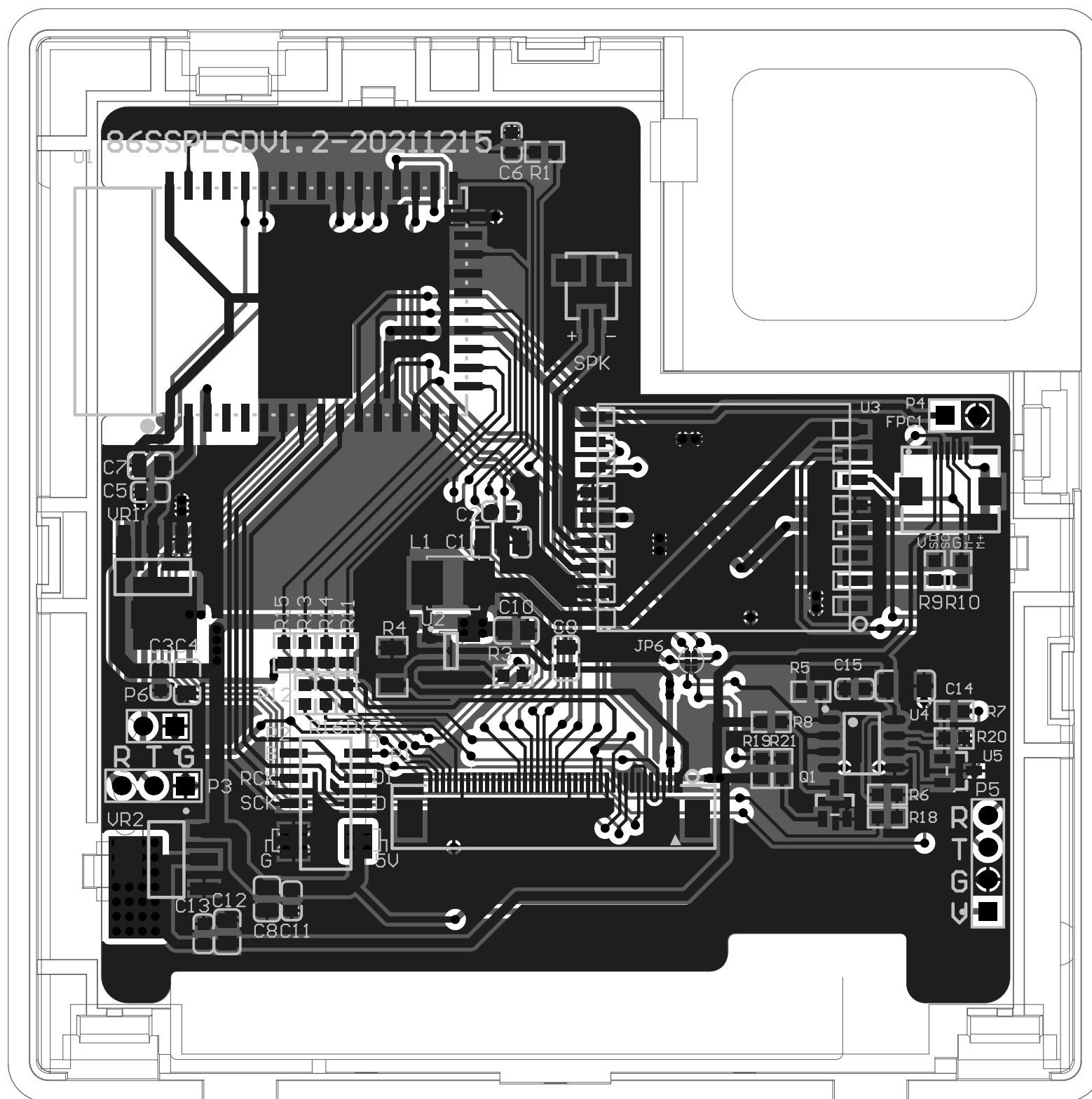
## 显示屏



## 485通信



Title		
Size	Number	Revision
A4		
Date:	2022/1/11	Sheet of
File:	D:\GJwei\20211224-86SSPLCDV1.2	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
100uF ±20% 6.3V	贴片电容	C1	1206_C	0805 22uF (226) 20% 25V	1
100nF (104) 10% 50V	贴片电容	C2, C3, C5, C6, C11, C13	0603_C	0603 100nF (104) 10% 50V	6
47uF ±20% 6.3V	铝电解电容	C4, C7, C8, C9, C10, C12	0805_C	CAP Pol1	6
100uF	铝电解电容	C14	1206_C	CAP Pol1	1
104	陶瓷电容	C15	0603_C	CAP	1
FPC_SMD_0.5S_CX_6 PWB		FPC1	FPC_SMD_0.5S_CX_6 PWB	0.5S-CX-6PWB	1
	Header, 3-Pin, Dual row	JP6	JP6_SMD	Header 3X2	1
4.7uH		L1	IND-SMD_L4.0-W4.0	4.7uH	1
FPCConnecter 40PIN 0.5MM		P1	FPC-SMD_40P- P0.50_FG-H2.0-40P	FPCConnecter 40PIN 0.5MM	1
EXT_CONN	Header, 5-Pin, Dual row	P2	10P-HDR-SMD_P2.00	Header 5X2	1
Header 3	Header, 3-Pin	P3	HDR1X3	Header 3	1
Header 2	接插件	P4	HDR2X1_A	Header 2	1
Header 4	Header, 4-Pin	P5	HDR1X4	Header 4	1
Header 2	Header, 2-Pin	P6	HDR1X2	Header 2	1
SS8050 Y1	三极管	Q1	SOT-23(SOT-23-3)	SOT-23 SS8050 Y1	1
10KΩ (1002) ±1%	贴片电阻	R1, R3, R9, R10, R11, R13, R14, R15, R17	0603_R	0603 10KΩ (1002) 1%	9
4.7Ω (4R70) ±1%	贴片电阻	R4	1206_R	0805 4.7Ω (4R70) 1%	1
10k	RESISTOR	R5, R6, R8, R20	0603_R	RES2_V	4
20	Resistor	R7, R18	0603_R	Res2	2
2.2Ω (2R20) ±1%	贴片电阻	R12, R16	0603_R	0603 2.2Ω (2R20) 1%	2
1K	RESISTOR	R19, R21	0603_R	RES2_V	2
SPK		SPK	2P-CONN	2P 1.0mm-CONN	1
ESP32-S2- WROVER(4M)		U1	ESP32-S2-WROVER- Imp	ESP32-S2- WROVER(4M)	1
AP3019AKTR-G1		U2	SOT-23-6_Imp	AP3019AKTR-G1	1
CI-C22GS02S		U3	Voice Module-CI- C22GS02S	CI-C22GS02S	1
SP3485EN-L/TR	RS-485/RS-422	U4	SOIC-8_150mil	SP3485EN- L/TR_[C8963]	1
PSM712-LF-T7	TVS	U5	SOT-23(SOT-23-3)	PSM712-LF- T7_[C32677]	1
AMS1117-3.3	低压差线性稳压 (LDO)	VR1, VR2	SOT-223	SOT-223 AMS1117- 3.3	2