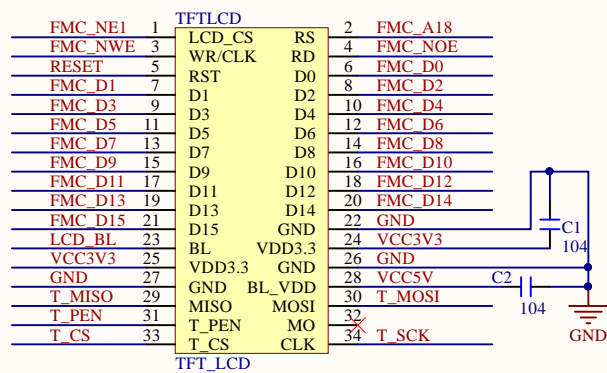
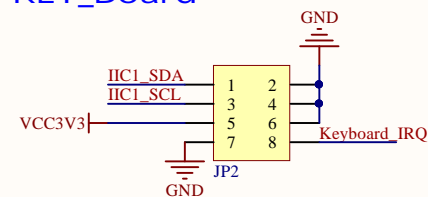


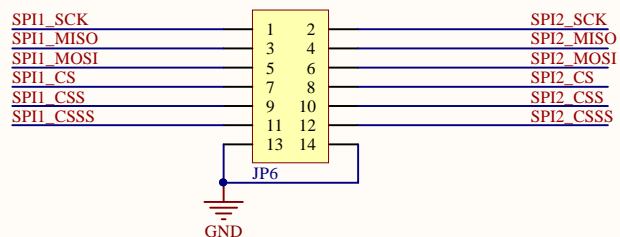
TFTLCD



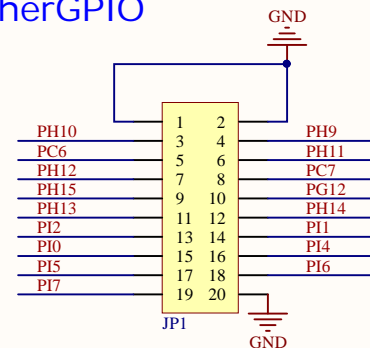
KEY_Board



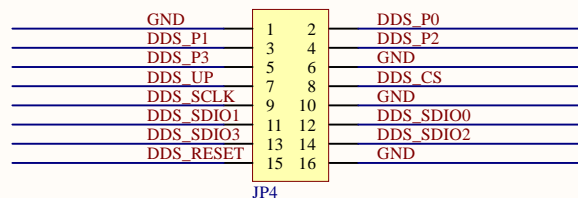
SPI接口



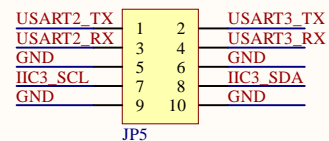
otherGPIO



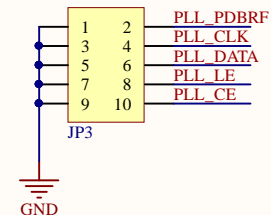
DDS



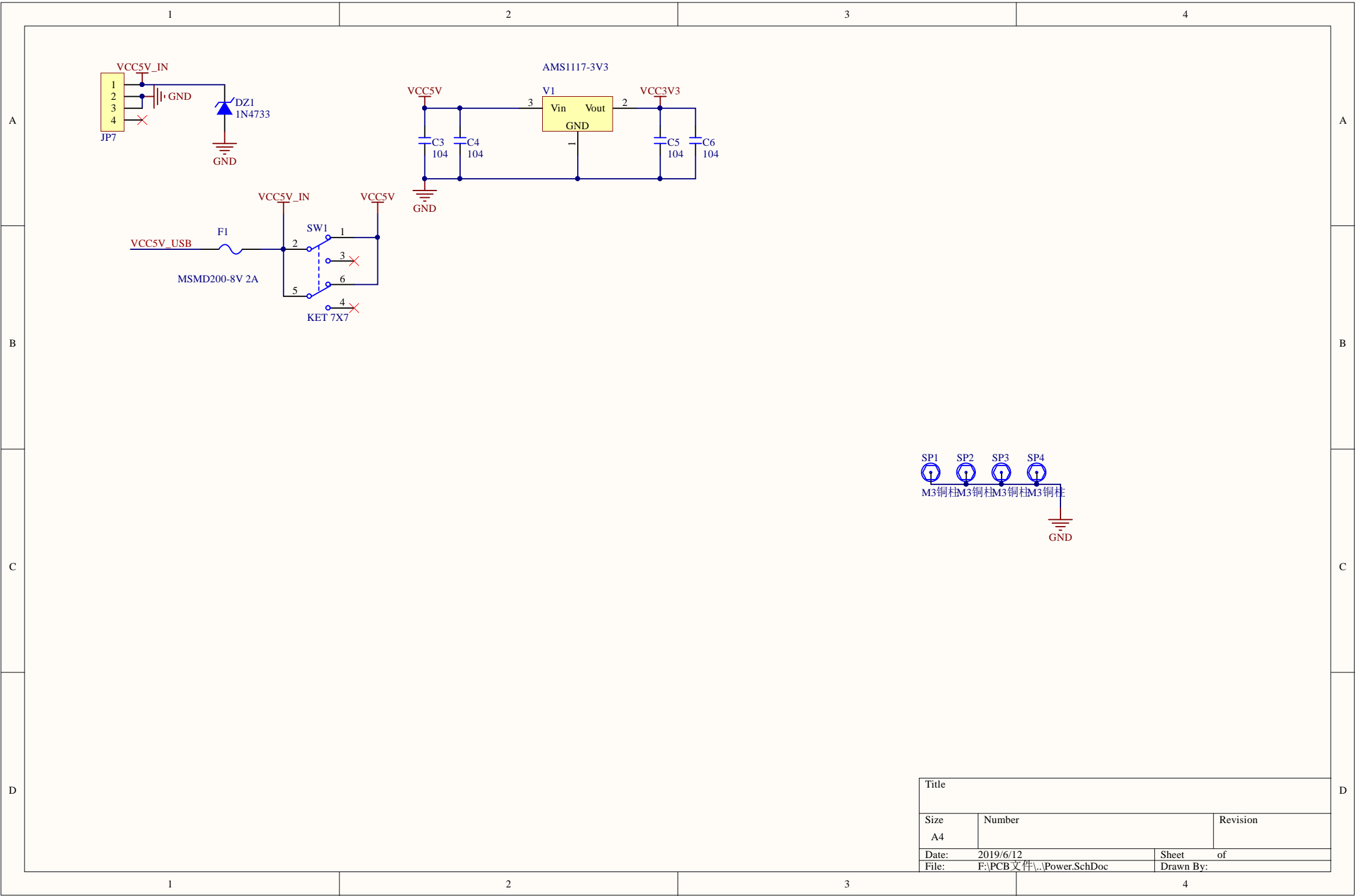
USART&IIC

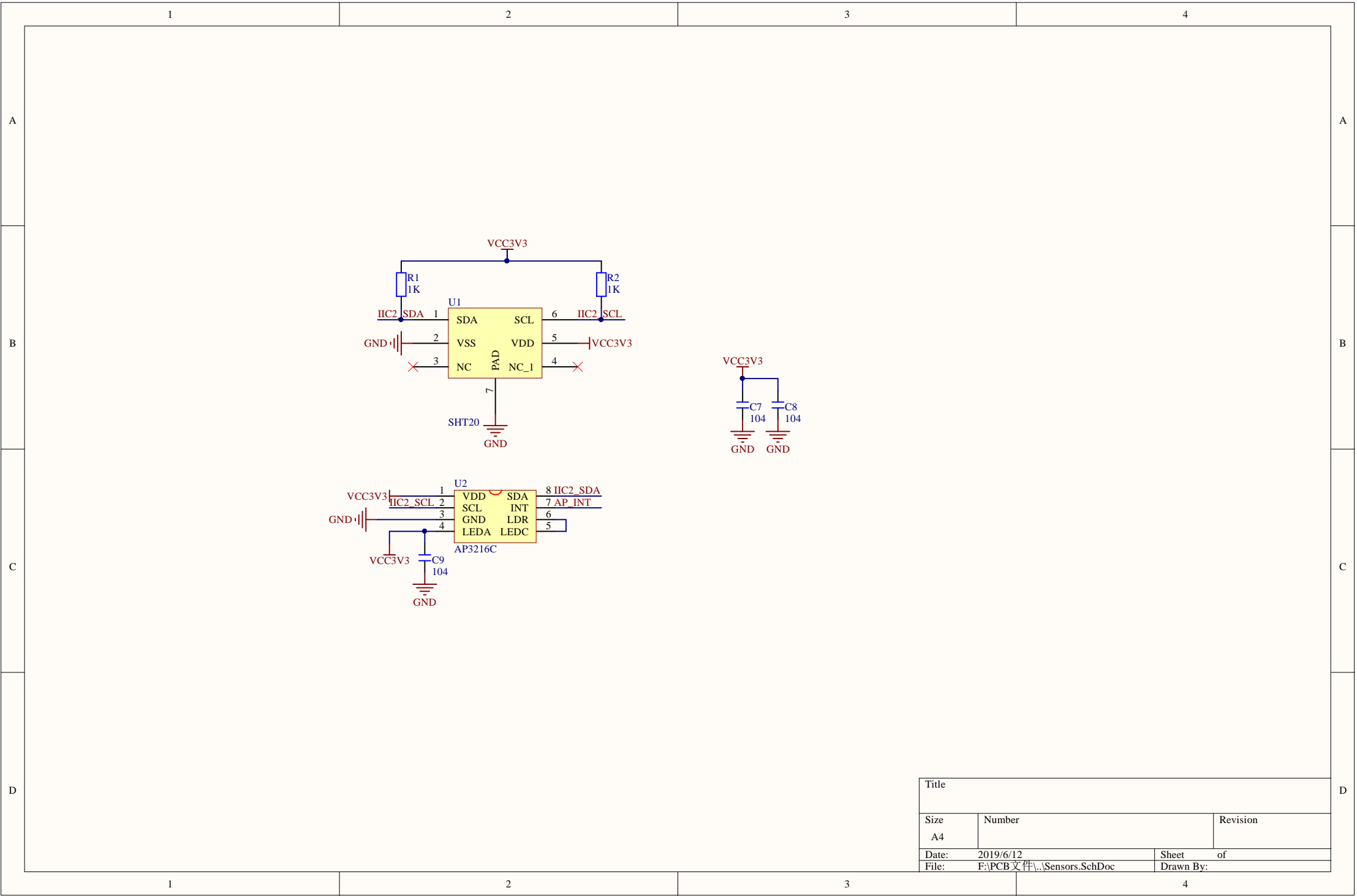


PLL

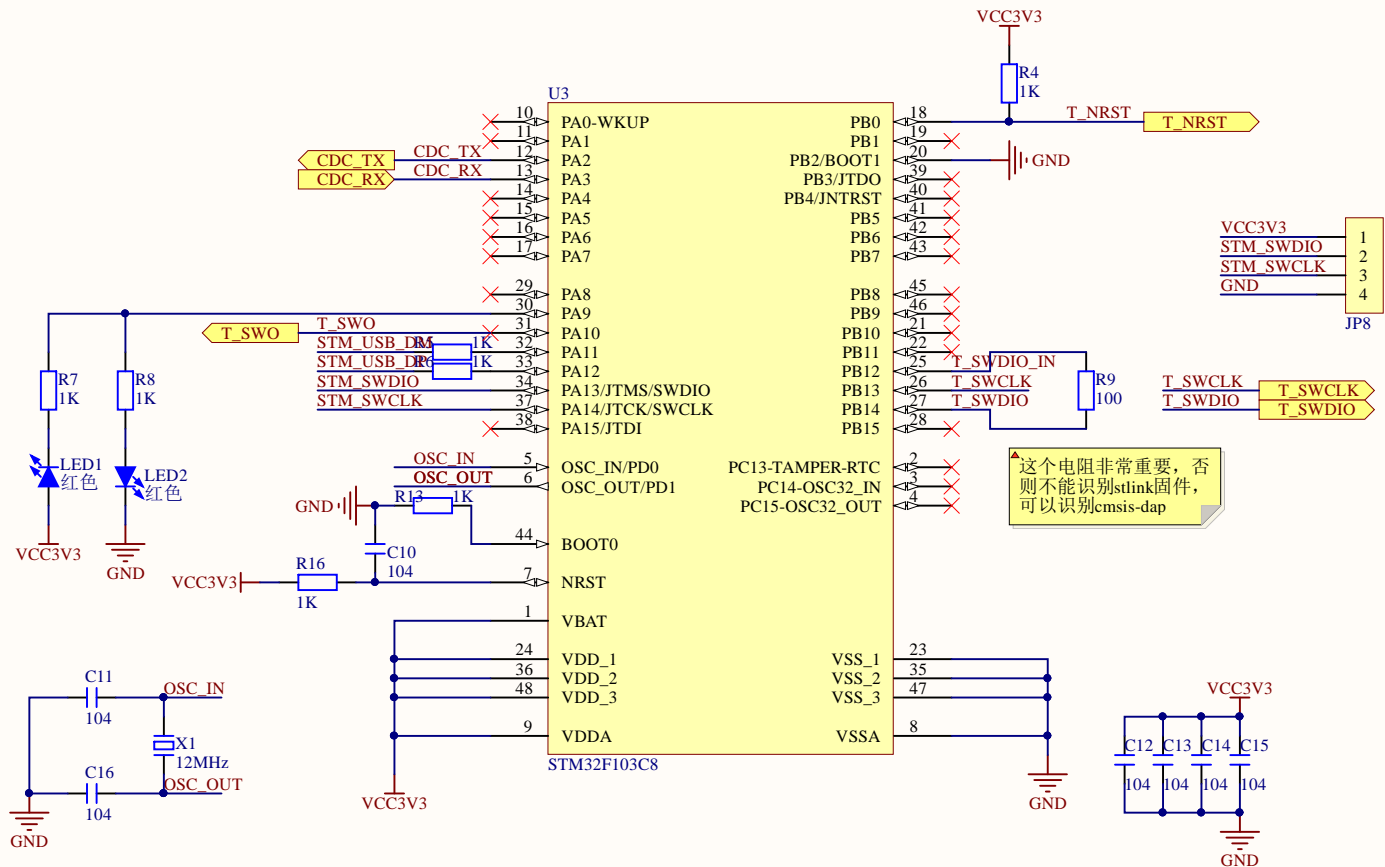
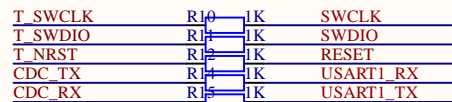
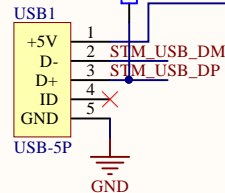


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File:	F:\PCB文件\..ports.SchDoc	Drawn By:

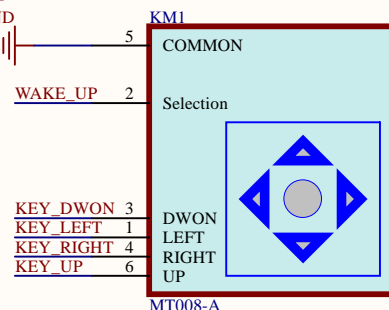
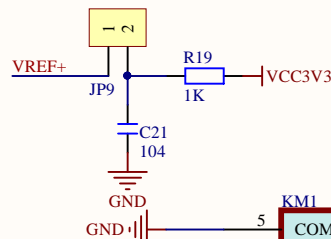
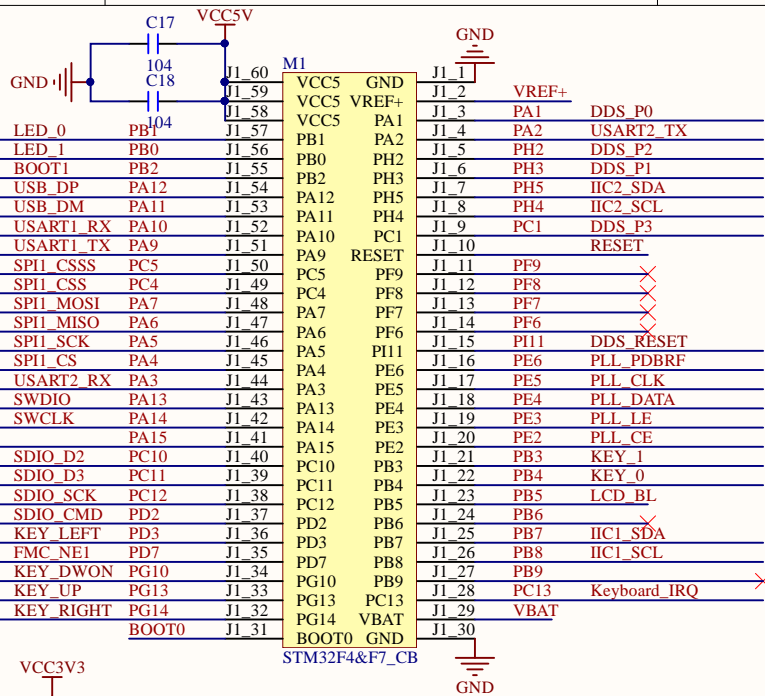
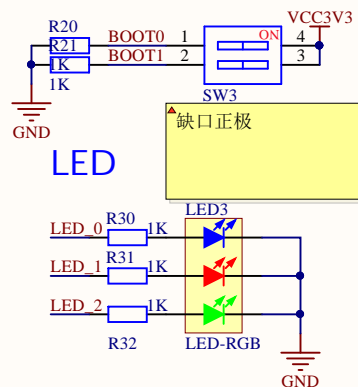
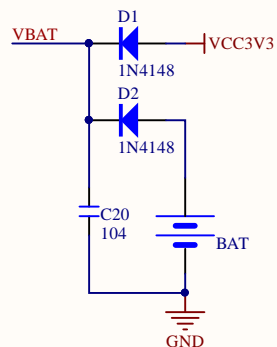
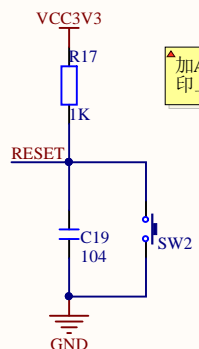




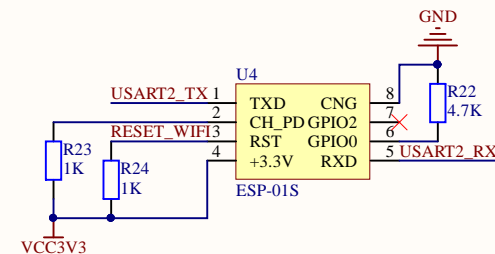
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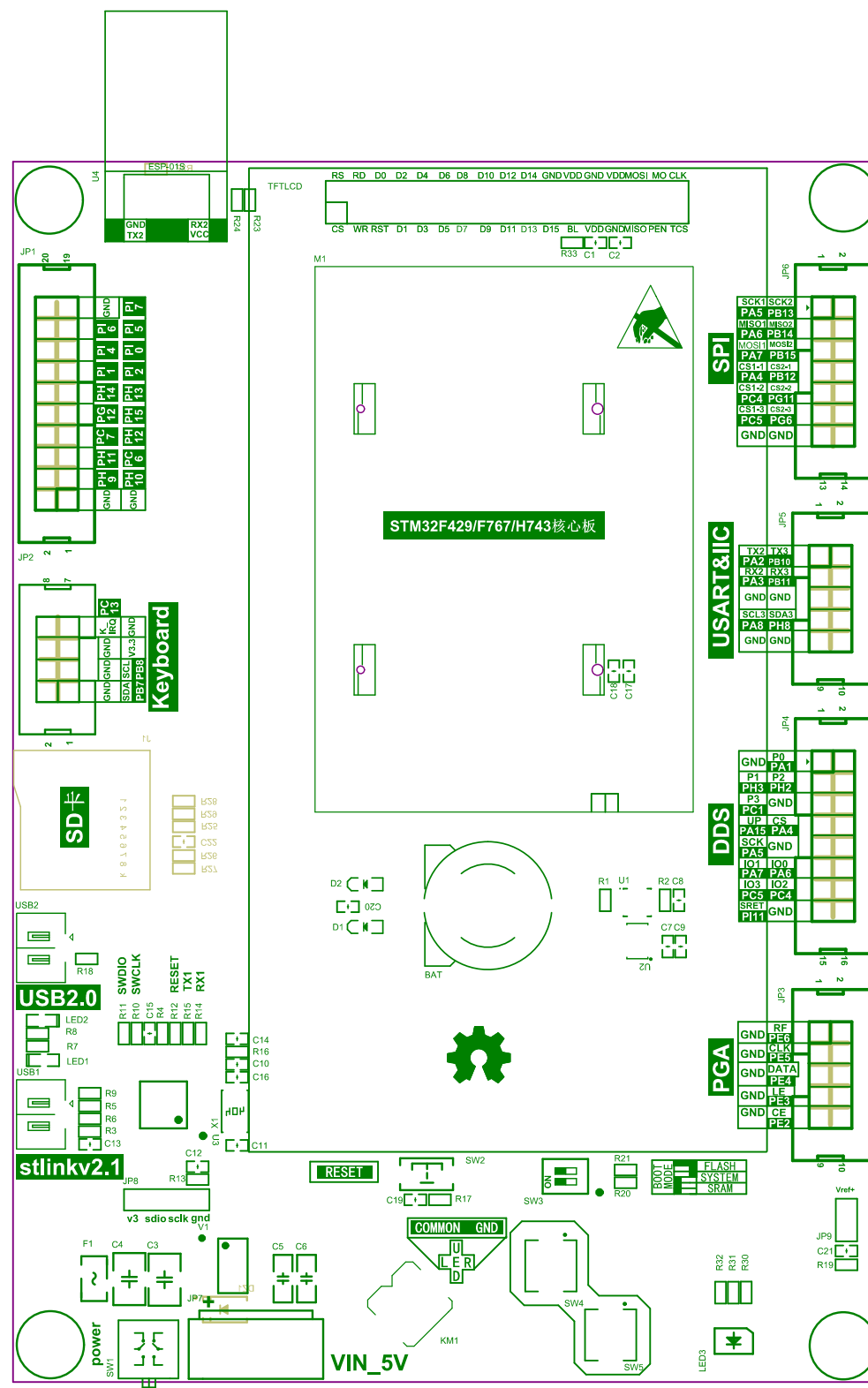
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FMC_D15	PD10	J2_60	PD10	PB11	J2_1	PB11	USART3_RX
FMC_D14	PD9	J2_59	PD9	PB10	J2_2	PB10	USART3_TX
FMC_D13	PD8	J2_58	PD8	PB8	J2_3	PH8	IIC3_SDA
FMC_D12	PE15	J2_57	PE15	PB12	J2_4	PB12	SPI2_CS
FMC_D11	PE14	J2_56	PE14	PB13	J2_5	PB13	SPI2_SCK
FMC_D10	PE13	J2_55	PE13	PB14	J2_6	PB14	SPI2_MISO
FMC_D9	PE12	J2_54	PE12	PB15	J2_7	PB15	SPI2_MOSI
FMC_D8	PE11	J2_53	PE11	PH6	J2_8	PH6	T_SCK
FMC_D7	PE10	J2_52	PE10	PH7	J2_9	PH7	T_PEN
FMC_D6	PE9	J2_51	PE9	PH9	J2_10	PH9	
FMC_D5	PE8	J2_50	PE8	PH10	J2_11	PH10	
FMC_D4	PE7	J2_49	PE7	PH11	J2_12	PH11	
FMC_D3	PD1	J2_48	PD1	PG3	J2_13	PG3	T_MISO
FMC_D2	PD0	J2_47	PD0	PD13	J2_14	PD13	FMC_A18
FMC_D1	PD15	J2_46	PD15	PG6	J2_15	PG6	SPI2_CSSS
FMC_D0	PD14	J2_45	PD14	PC6	J2_16	PC6	
FMC_NBL1	PE1	J2_44	PE1	PC7	J2_17	PC7	
FMC_NBL0	PE0	J2_43	PE0	PC8	J2_18	PC8	SDIO_D0
WAKE_UP	PA0	J2_42	PA0	PC9	J2_19	PC9	SDIO_D1
T_MOSI	PI3	J2_41	PI3	PA8	J2_20	PA8	IIC3_SCL
T_CS	PI8	J2_40	PI8	PD12	J2_21	PD12	FMC_A17_ALE
	PI7	J2_39	PI7	PD5	J2_22	PD5	FMC_NWE
	PI6	J2_38	PI6	PD11	J2_23	PD11	FMC_A16_ALE
	PI5	J2_37	PI5	PH12	J2_24	PH12	
	PI4	J2_36	PI4	PG12	J2_25	PG12	
SPI2_CSS	PG11	J2_35	PG11	PD4	J2_26	PD4	FMC_NOE
	PI0	J2_34	PI0	PD6	J2_27	PD6	FMC_NWAIT
	PI1	J2_33	PI1	PH15	J2_28	PH15	
	PI2	J2_32	PI2	PH14	J2_29	PH14	
		J2_31	GND	PH13	J2_30	PH13	



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Comment	Description	Designator	Footprint	LibRef	Quantity
BATT		BAT	BATM	BAT	1
104	无极性贴片电容	C1, C2, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22	C 0603_L	C	18
104	无极性贴片电容	C3, C4	C 1812_L	C	2
104	无极性贴片电容	C5, C6	C 1206_M	C	2
1N4148	高速开关二极管	D1	SOD-323	1N4148	1
1N4148	高速开关二极管	D2	MINI_MELF (LL34)	1N4148	1
1N4733	5.1V/1W稳压管	DZ1	SMA	1N4733	1
MSMD200-8V 2A	贴片保险丝	F1	FU 1210	FU	1
TF_Card	TF卡座	J1	Micro SD	TF_Card	1
Header 2X10	10*2P接插件	JP1	IDC2.54-LI-2x10P	Header 10X2	1
Header 4X2	4*2P接插件	JP2	IDC2.54-LI-2x4P	Header 4X2	1
Header 5X2	5*2P接插件	JP3, JP5	IDC2.54-LI-2x5P	Header 5X2	2
Header 8X2	8*2P接插件	JP4	IDC2.54-LI-2x8P	Header 8X2	1
Header 2X7	7*2P接插件	JP6	IDC2.54-LI-2x7P	Header 7X2	1
HDR-1X4	4P接插件	JP7	VH3.96-LI-4P	Header 4	1
HDR-1X4	4P接插件	JP8	HDR2.54-LI-4P	Header 4	1
HDR-1X2	2P接插件	JP9	HDR2.54-LI-2P	Header 2	1
MT008-A		KM1	JOY_MT008-A	MT-008A	1
红色	贴片LED	LED1, LED2	LED 0603B	LED-SMD	2
LED-RGB	三基色LED	LED3	LED 5050	LED-RGB	1
STM32F4&F7_CB	F429/746 Core Board	M1	STM32F4&F7_CB	STM32F4&F7_CB	1
1K	贴片电阻	R1, R2, R3, R4, R5, R6, R7, R8, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33	R 0603_L	R	31
100	贴片电阻	R9	R 0603_L	R	1
4.7K	贴片电阻	R22	R 0603_L	R	1
M3铜柱	铜柱	SP1, SP2, SP3, SP4	M3x4_L	铜柱小焊盘	4
KET 7X7	7*7自锁开关	SW1	KFT DIP-7X7	KET 7X7	1
3x6x5	3x6轻触开关	SW2	TSW SMD-3*6*2.5	TSW 3x6	1
CSW-2P	2路编码开关	SW3	CSW1.27 SMD-2P	CSW-2P	1
3x6x5	3x6轻触开关	SW4, SW5	SODFL700X110-2N	TSW 3x6	2
TFT_LCD		TFTLCD	db2*17-4.3	TFT_LCD	1
SHT20		U1	sht20	SHT20	1
AP3216C	ALS+PS Sensor	U2	DFN8	AP3216C	1
STM32F103C8	Flaah:64/RAM:20/IO:36	U3	LQFP48 7X7_M	STM32F103C8	1
ESP-01S	ESP-01S	U4	ESP-01S	ESP-01S	1
USB-5P	微型USB母座	USB1, USB2	USB-MICRO_B	USB-5P	2
AMS1117-3V3	三端稳压芯片	V1	SOT223_L	AMS1117	1
12MHz	2脚无源脚晶振	X1	OSC 5032-2P	XTAL-2P	1