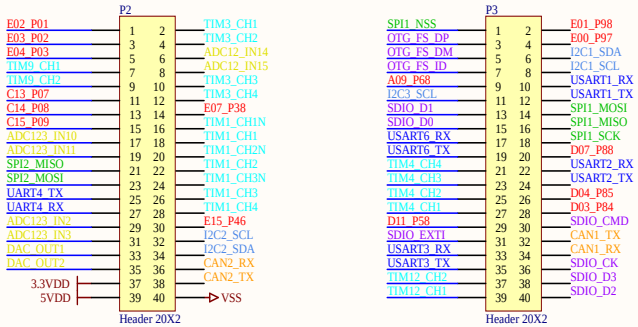


LED_B	C13_P07
LED_G	C14_P08
LED_R	C15_P09
WK_UP	E02_P01
KEY_UP	E03_P02
KEY_DOWN	E04_P03
BUZZER	TIM12_CH1

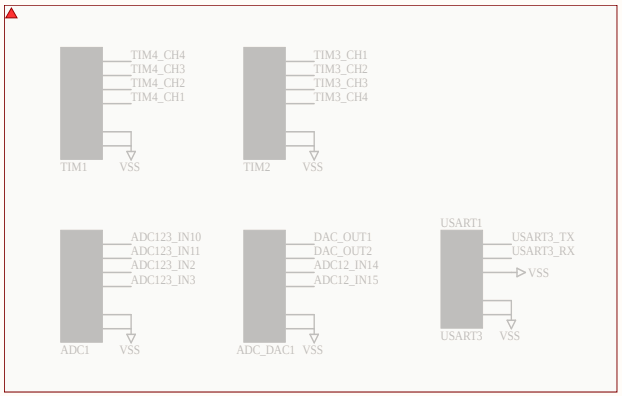
	B00_P35
	B01_P36
	E07_P38
	E15_P46
	D11_P58
	A09_P68
	D03_P84
	D04_P85
	D07_P88
	E00_P97
	E01_P98

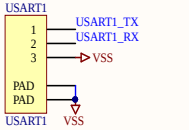
C09_P66
SFIO_D1 I2C3_SDA

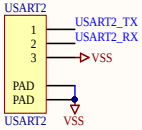
B08_P95
I2C1_SCL TIM10_CH1

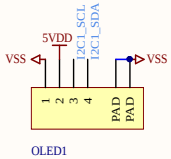
B10_P47
I2C2_SCL SPI2_SCLK

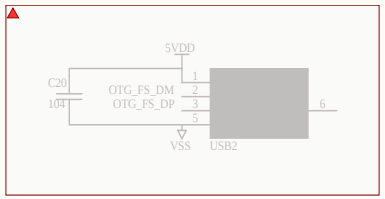
引出脚资源

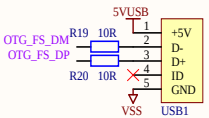


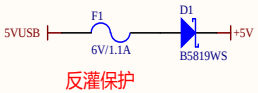




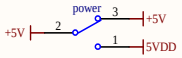




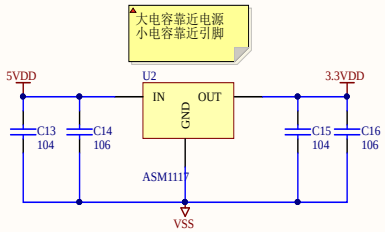


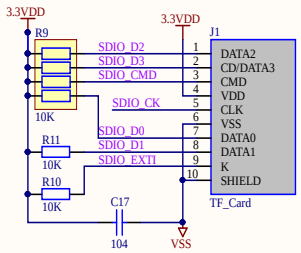


反灌保护

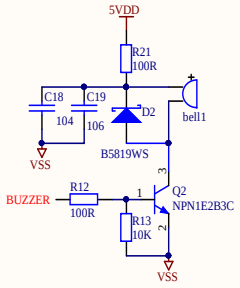


电源

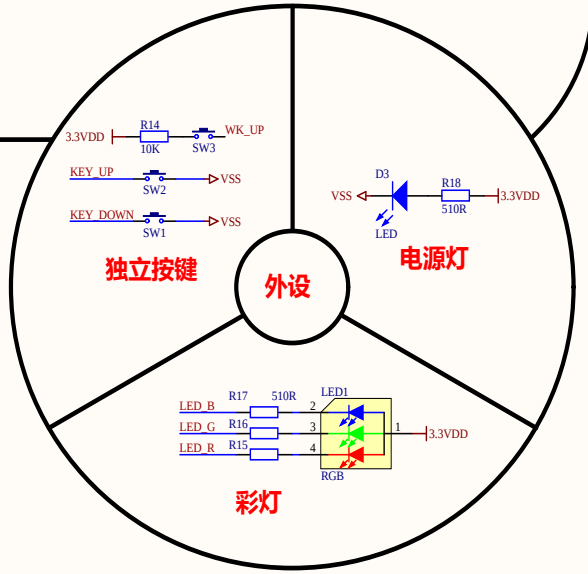


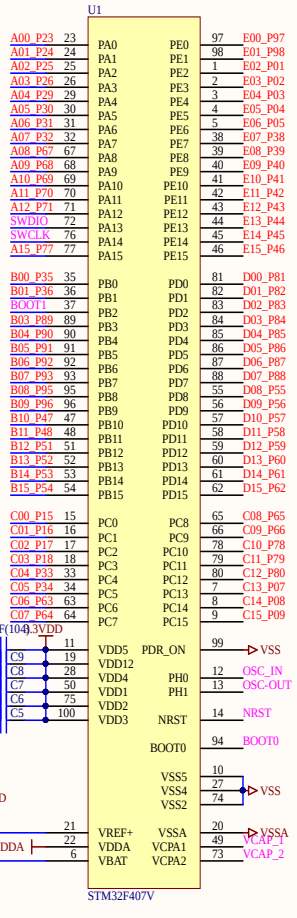


T-Flash Card

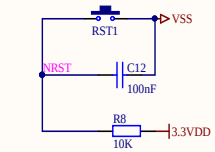


Buzzer

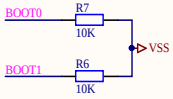




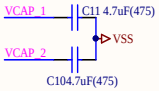
MCU



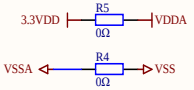
Reset



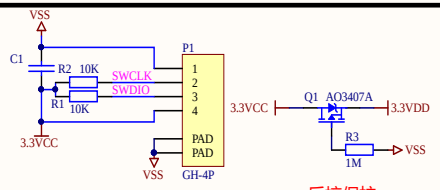
Boot Config
启动模式设置



Discharge Capacitance
调压器放电电容

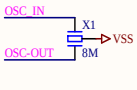


Analog Isolation
数模隔离



SWD

反接保护



Crystal Oscillator

A11_P70	B08_P95	CAN1_RX	D00_P81
D00_P81			
A12_P71	B09_P96	CAN1_TX	D01_P82
D01_P82			
B05_P91	B12_P51	CAN2_RX	B12_P51
B06_P92	B13_P52	CAN2_TX	B13_P52

A10_P69		OTG_FS_ID	A10_P69
A11_P70		OTG_FS_DM	A11_P70
A12_P71		OTG_FS_DP	A12_P71
C08_P65		SDIO_D0	C08_P65
C09_P66		SDIO_D1	C09_P66
C10_P78		SDIO_D2	C10_P78
C11_P79		SDIO_D3	C11_P79
C12_P80		SDIO_CK	C12_P80
D02_P83		SDIO_CMD	D02_P83
Any_I/O		SDIO_EXTI	D10_P57

B06_P92	B08_P95	I2C1_SCL	B08_P95
B07_P93	B09_P96	I2C1_SDA	B09_P96
B10_P47		I2C2_SCL	B10_P47
B11_P48		I2C2_SDA	B11_P48
A08_P67		I2C3_SCL	A08_P67
C09_P66		I2C3_SDA	C09_P66

A09_P68	B06_P92	USART1_TX	B06_P92
A10_P69	B07_P93	USART1_RX	B07_P93
A02_P25	D05_P86	USART2_TX	D05_P86
A03_P26	D06_P87	USART2_RX	D06_P87
B10_P47	C10_P78	USART3_TX	D08_P55
D08_P55			
B11_P48	C11_P79	USART3_RX	D09_P56
D09_P56			
A00_P23	C10_P78	UART4_TX	A00_P23
A01_P24	C11_P79	UART4_RX	A01_P24
C12_P80		UART5_TX	
D02_P83		UART5_RX	
C06_P63		USART6_TX	C06_P63
C07_P64		USART6_RX	C07_P64

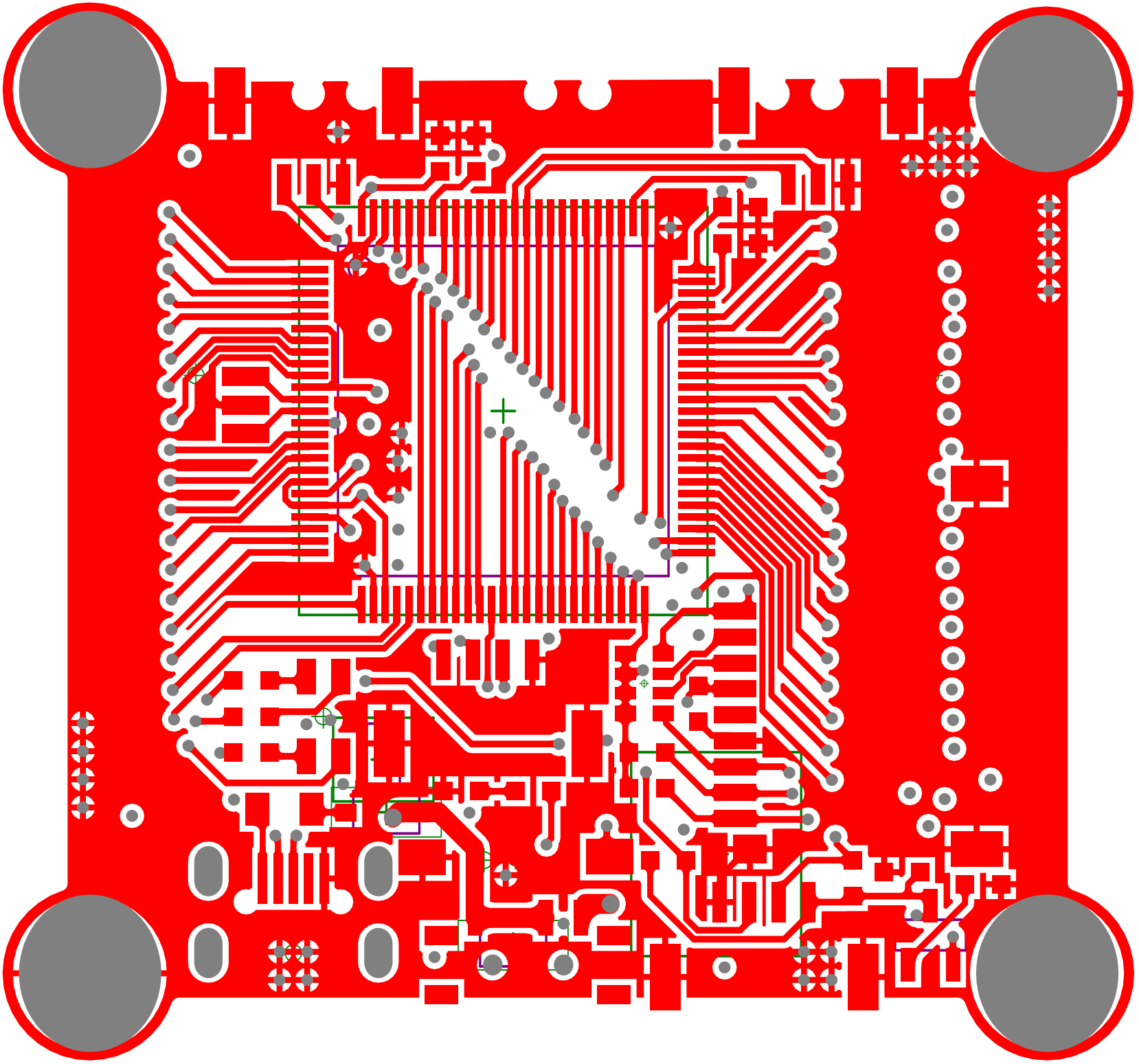
A04_P29	A15_P77	SPI1_NSS	A15_P77
A05_P30	B03_P89	SPI1_SCK	B03_P89
A06_P31	B04_P90	SPI1_MISO	B04_P90
A07_P32	B05_P91	SPI1_MOSI	B05_P91
B09_P96	B12_P51	SPI2_NSS	B09_P96
B10_P47	B13_P52	SPI2_SCK	B10_P47
C02_P17	B14_P53	SPI2_MISO	C02_P17
C03_P18	B15_P54	SPI2_MOSI	C03_P18
A04_P29	A15_P77	SPI3_NSS	
B03_P89	C10_P78	SPI3_SCK	
B04_P90	C11_P79	SPI3_MISO	
B05_P91	C12_P80	SPI3_MOSI	

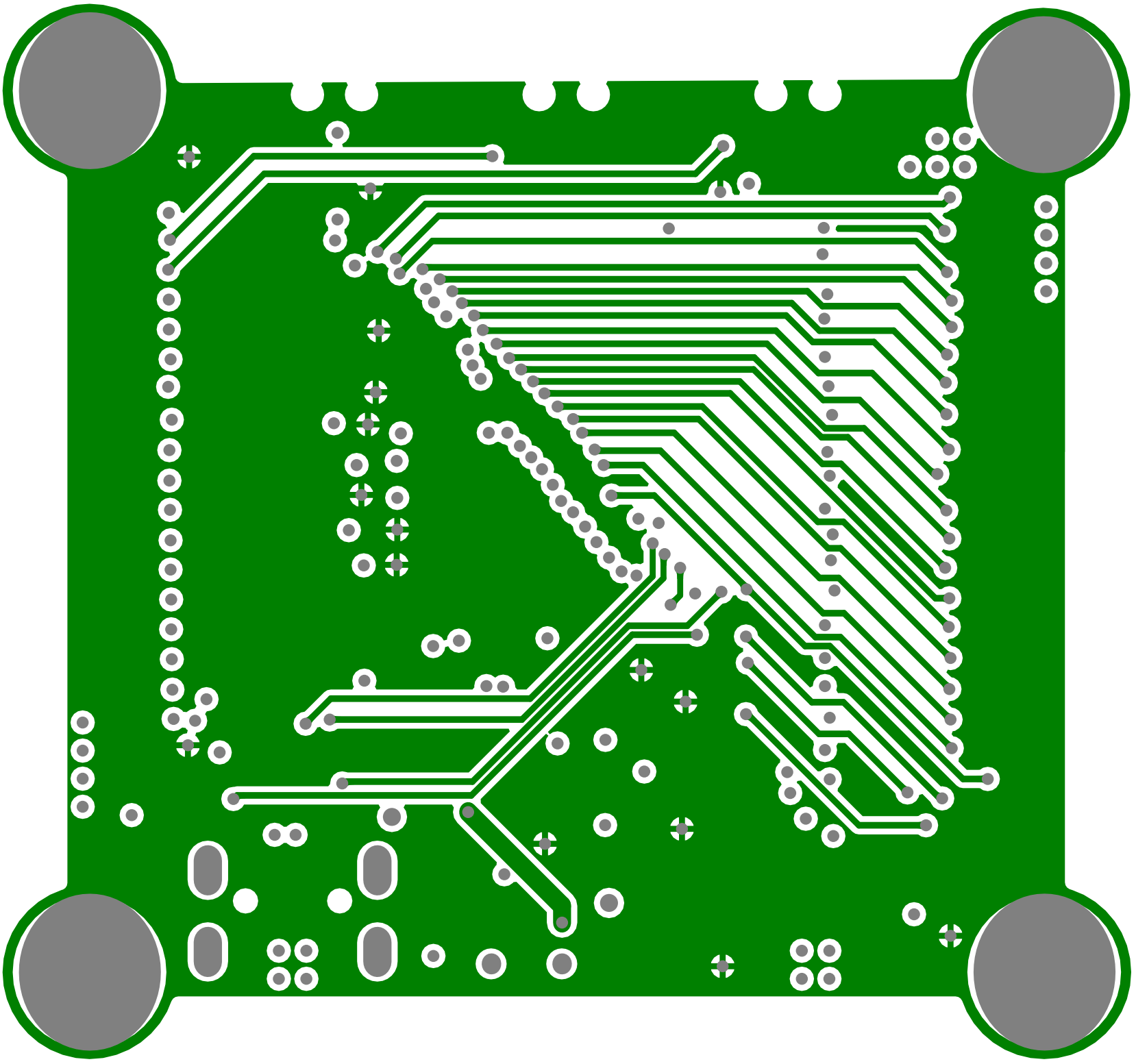
A04_P29		DAC_OUT1	A04_P29
A05_P30		DAC_OUT2	A05_P30
A00_P23		ADC123_IN0	
A01_P24		ADC123_IN1	
A02_P25		ADC123_IN2	A02_P25
A03_P26		ADC123_IN3	A03_P26
A04_P29		ADC12_IN4	
A05_P30		ADC12_IN5	
A06_P31		ADC12_IN6	
A07_P32		ADC12_IN7	
B00_P35		ADC12_IN8	
B01_P36		ADC12_IN9	
C00_P15		ADC123_IN10	C00_P15
C01_P16		ADC123_IN11	C01_P16
C02_P17		ADC123_IN12	
C03_P18		ADC123_IN13	
C04_P33		ADC12_IN14	C04_P33
C05_P34		ADC12_IN15	C05_P34

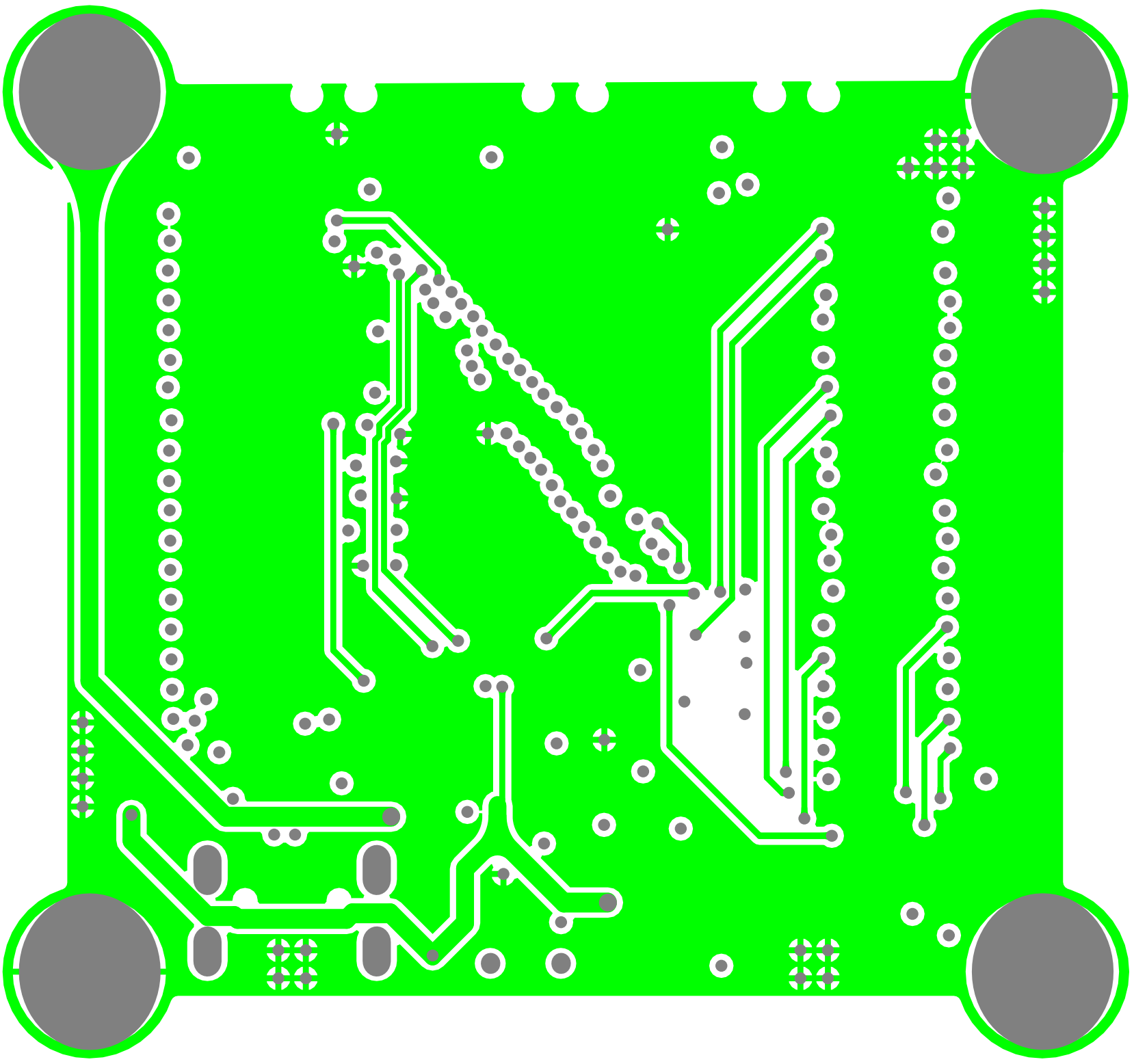
I/O 配置表

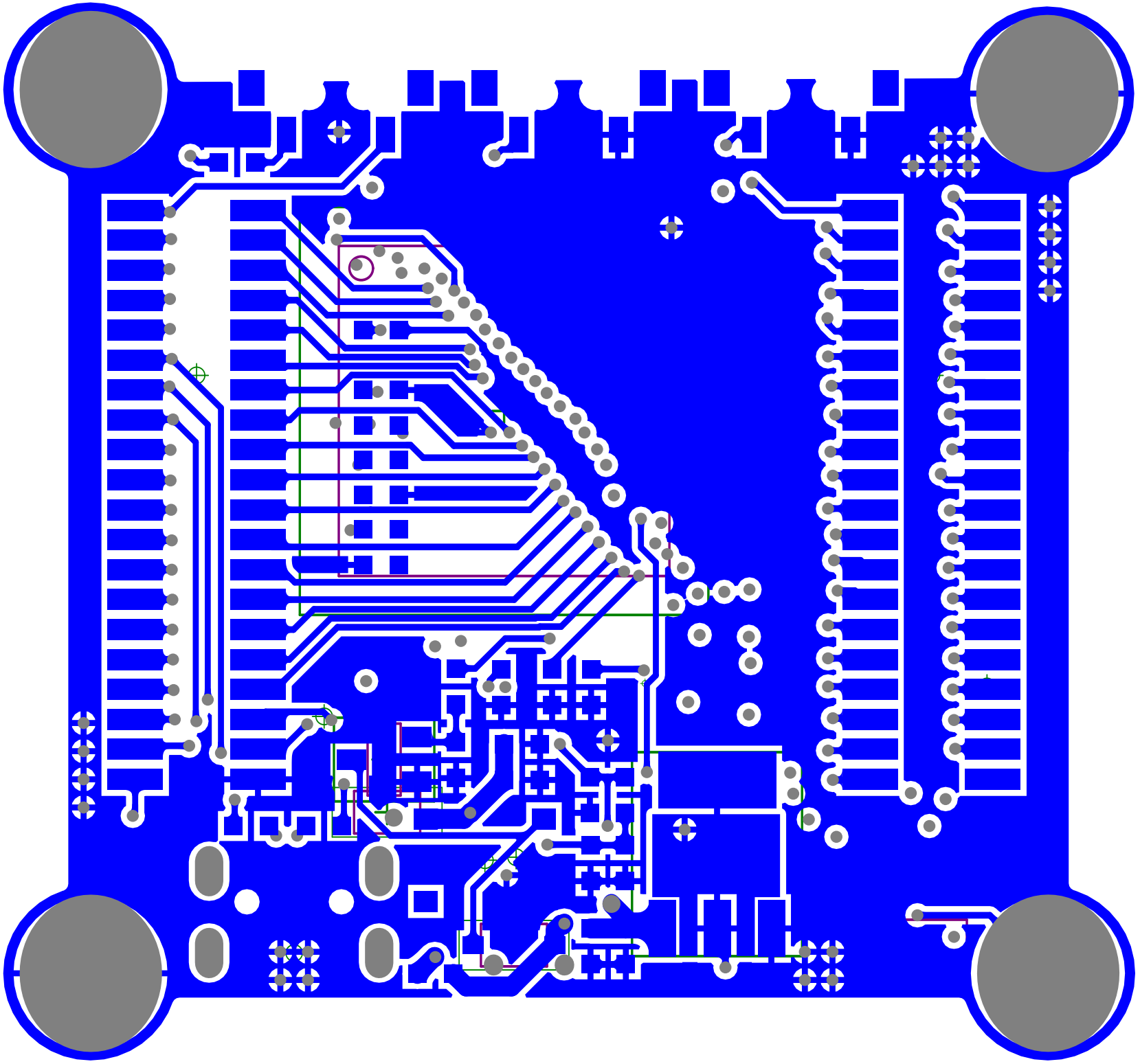
A08_P67	E09_P40	TIM1_CH1	E09_P40
A09_P68	E11_P42	TIM1_CH2	E11_P42
A10_P69	E13_P44	TIM1_CH3	E13_P44
A11_P70	E14_P45	TIM1_CH4	E14_P45
A00_P23	A05_P30	TIM2_CH1	
A15_P77		TIM2_ETR	
A01_P24	B03_P89	TIM2_CH2	
A02_P25	B10_P47	TIM2_CH3	
A03_P26	B11_P48	TIM2_CH4	
A06_P31	B04_P90	TIM3_CH1	A06_P31
C06_P63			
A07_P32	B05_P91	TIM3_CH2	A07_P32
C07_P64			
B00_P35	C08_P65	TIM3_CH3	B00_P35
B01_P36	C09_P66	TIM3_CH4	B01_P36
B06_P92	D12_P59	TIM4_CH1	D12_P59
B07_P93	D13_P60	TIM4_CH2	D13_P60
B08_P95	D14_P61	TIM4_CH3	D14_P61
B09_P96	D15_P62	TIM4_CH4	D15_P62
A00_P23		TIM5_CH1	
A01_P24		TIM5_CH2	
A02_P25		TIM5_CH3	
A03_P26		TIM5_CH4	
C06_P63		TIM8_CH1	
C07_P38		TIM8_CH2	
C08_P65		TIM8_CH3	
C09_P66		TIM8_CH4	
A02_P25	E05_P04	TIM9_CH1	E05_P04
A03_P26	E06_P05	TIM9_CH2	E06_P05
B08_P95		TIM10_CH1	B08_P95
B09_P96		TIM11_CH1	
B14_P53		TIM12_CH1	B14_P53
B15_P54		TIM12_CH2	B15_P54
A06_P31		TIM13_CH1	
A07_P32		TIM14_CH1	

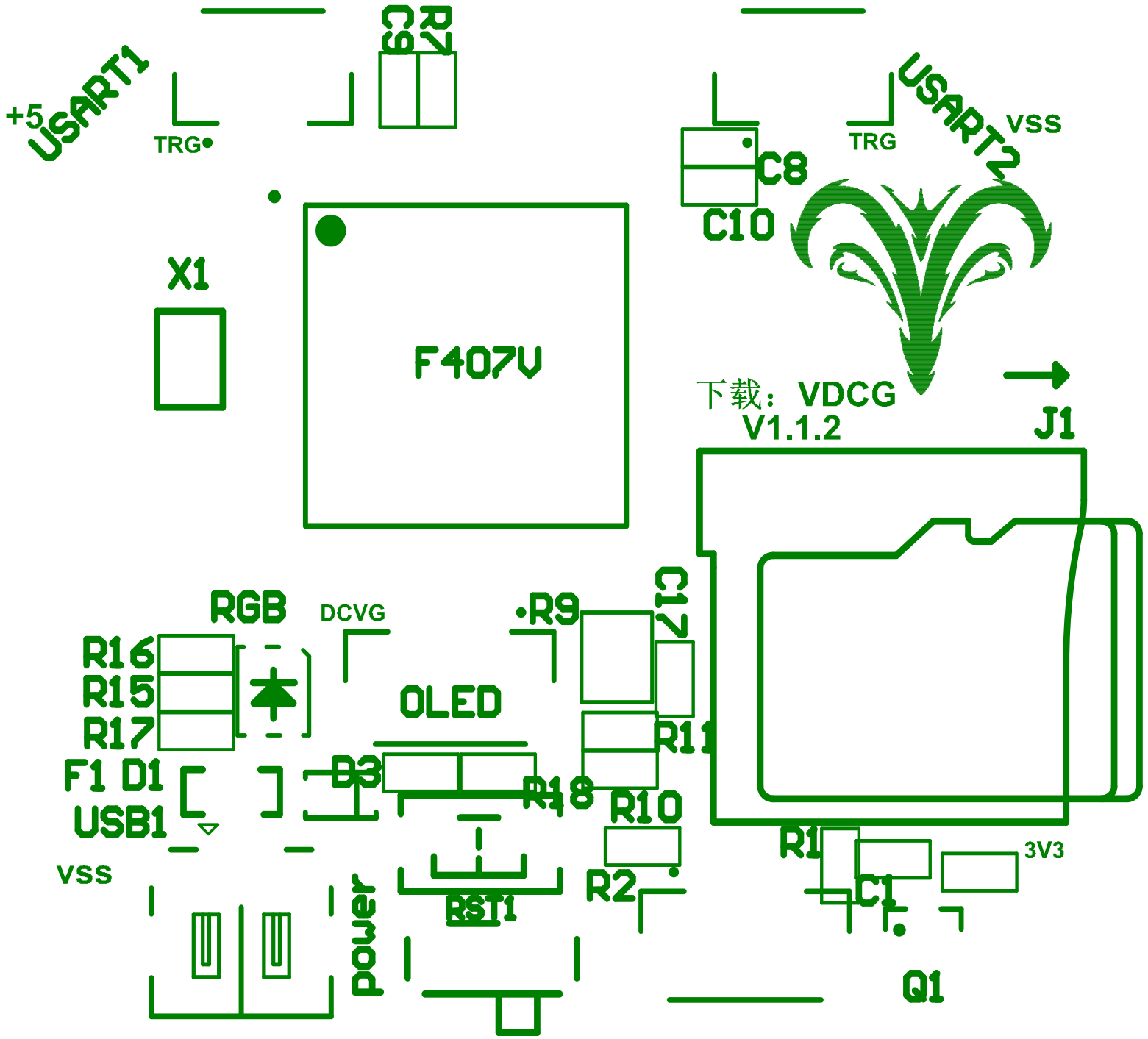
E08_P39		TIM1_CH1N	E08_P39
E10_P41		TIM1_CH2N	E10_P41
E12_P43		TIM1_CH3N	E12_P43

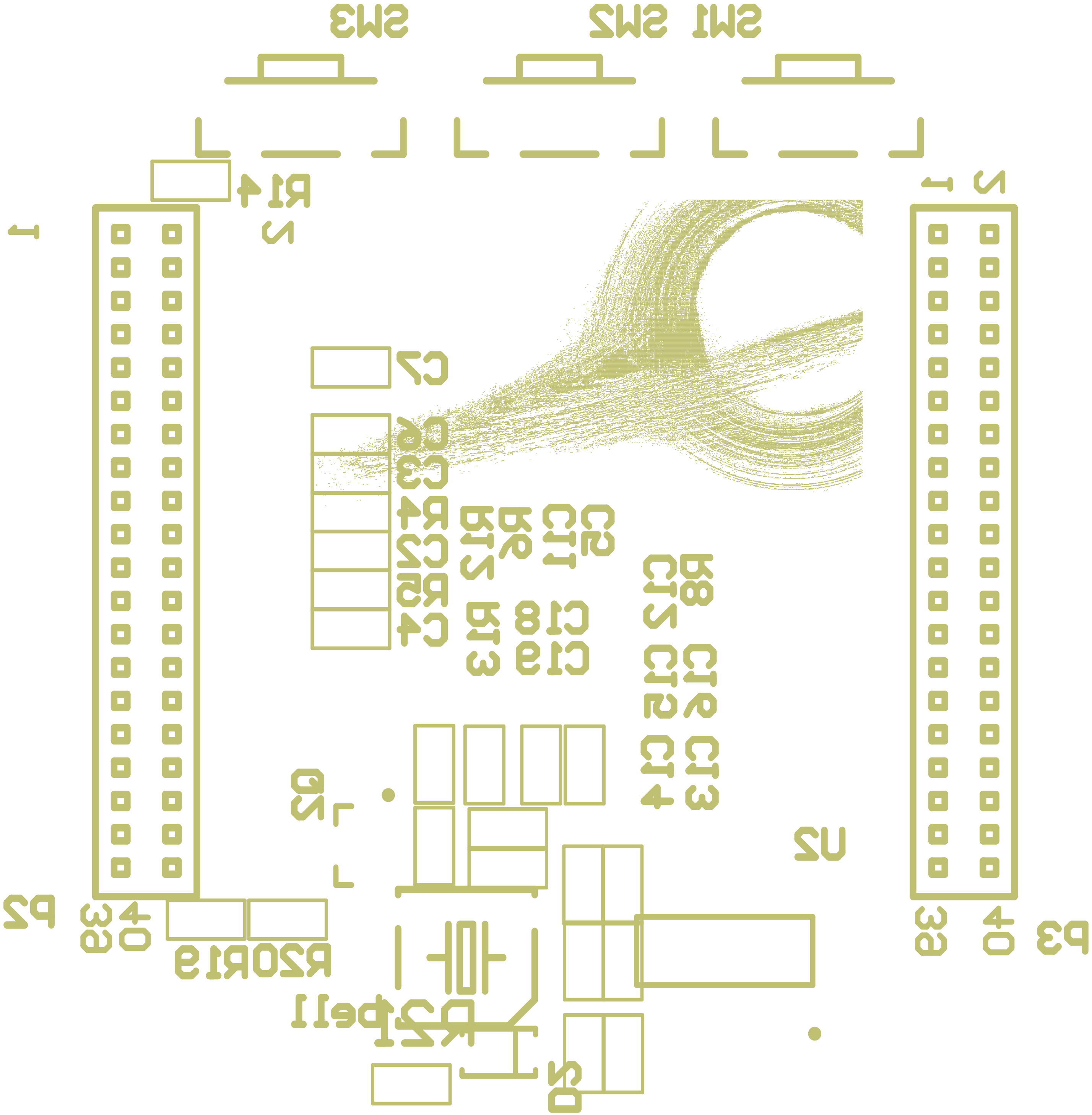









+5
USART1
TRG
C9
R7
C8
C10
USART2
TRG
VSS
X1
F407V
下载：VDCG
V1.1.2
J1
RGB
DCVG
R16
R15
R17
F1 D1
USB1
VSS
OLED
D3
R9
C12
R11
R18
R10
R2
RST1
power
R1
C1
3V3
Q1


SW3
SW2
SW1
R14
C7
U2
P2
P3
R20
R19

Comment	Description	Designator	Footprint	LibRef	Quantity
Bell	Electrical Bell	bell1	BEEP 5.2x5.2x2	Bell	1
104		C1, C2, C4, C5, C6, C7, C8, C9, C13, C15, C17, C18	C0603	CAP	12
100nF(104)		C3	C0603	CAP	1
4.7uF(475)		C10, C11	C0603	CAP	2
100nF		C12	C0603	CAP	1
106		C14, C16, C19	C0603	CAP	3
B5819WS		D1, D2	SOD-123	Diode Schottky	2
LED		D3	R0603	LED	1
6V/1.1A		F1	FUSE-0805	FUSE	1
TF_Card	TF卡座	J1	Micro SD	TF_Card	1
RGB	三基色 LED 共阳	LED1	LED 3528-RGB	LED-RGB-A	1
GH-4P	1.0A, 50V, 1.25mm pitch connector	OLED1	BM04B-GHS-TBT	GH-4P	1
GH-4P	1.0A, 50V, 1.25mm pitch connector	P1	SM04B-GHS-TB	GH-4P	1
Header 20X2	Header, 20-Pin, Dual row	P2, P3	HDR1.27-LS-2X20P	Header 20X2	2
switch-MSK-12C01-07		power	MSK-12C01-07	switch-MSK-12C01-07	1
AO3407A	P沟道场效应管	Q1	SOT23	P-MOS	1
NPN1E2B3C		Q2	SOT-23	NPN1E2B3C	1
10K		R1, R2, R6, R7, R8, R10, R11, R13, R14	R0603	Resistance	9
1M		R3	R0603	Resistance	1
0Ω		R4, R5	R0603	Resistance	2
10K	贴片网络排阻	R9	RCA-8P4R-0603	R-8P4R	1
100R		R12, R21	R0603	Resistance	2
510R		R15, R16, R17, R18	R0603	Resistance	4
10R		R19, R20	R0603	Resistance	2
key		RST1	TSW SMD-3*6*2.5	Key	1
3x6x5	3x6轻触开关	SW1, SW2, SW3	TSW 3*6*4.3-S-W	TSW 3x6	3
STM32F407V		U1	TQFP-100	STM32F407V	1
ASM1117		U2	SOT-223	ASM1117	1
USART1	1.0A, 50V, 1.25mm pitch connector	USART1	BM03B-GHS-TBT	GH-3P	1
USART2	1.0A, 50V, 1.25mm pitch connector	USART2	BM03B-GHS-TBT	GH-3P	1
USB-5P	微型 USB 母座	USB1	USB-MICRO_D	USB-5P	1
8M	3脚内置电容无源晶振	X1	OSC 3213-3P	XTAL-3P	1