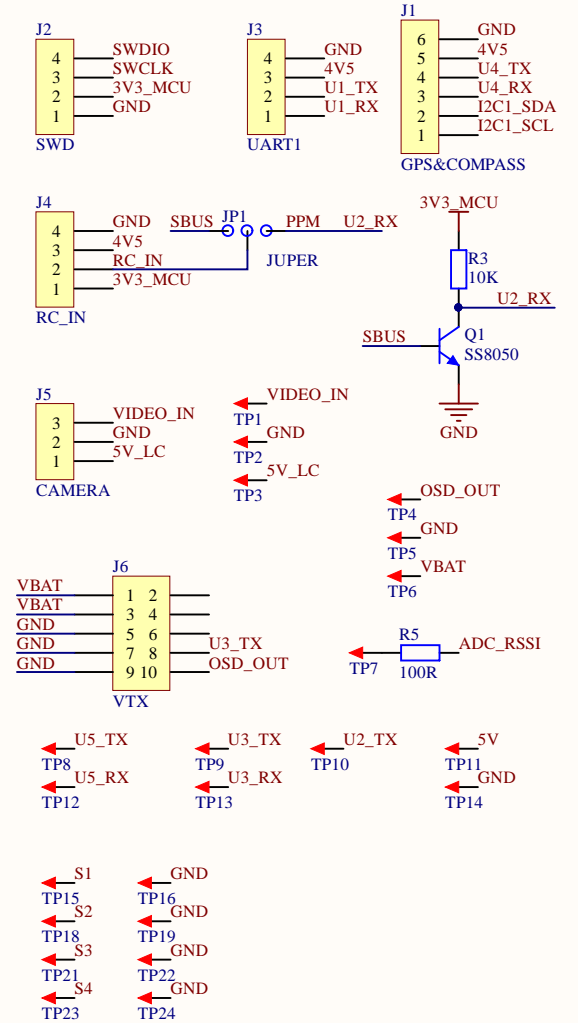
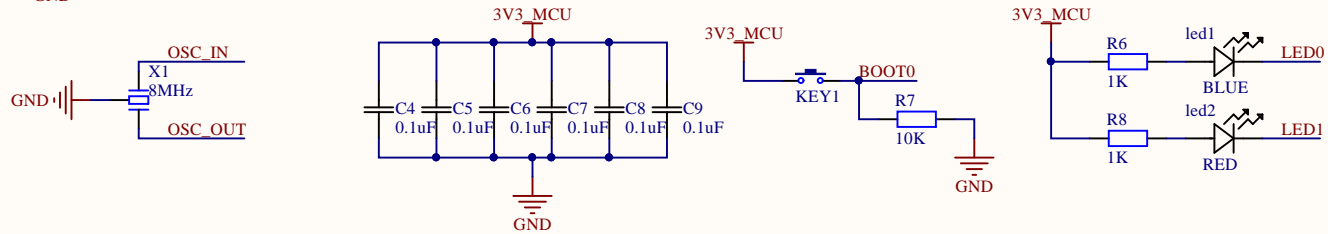
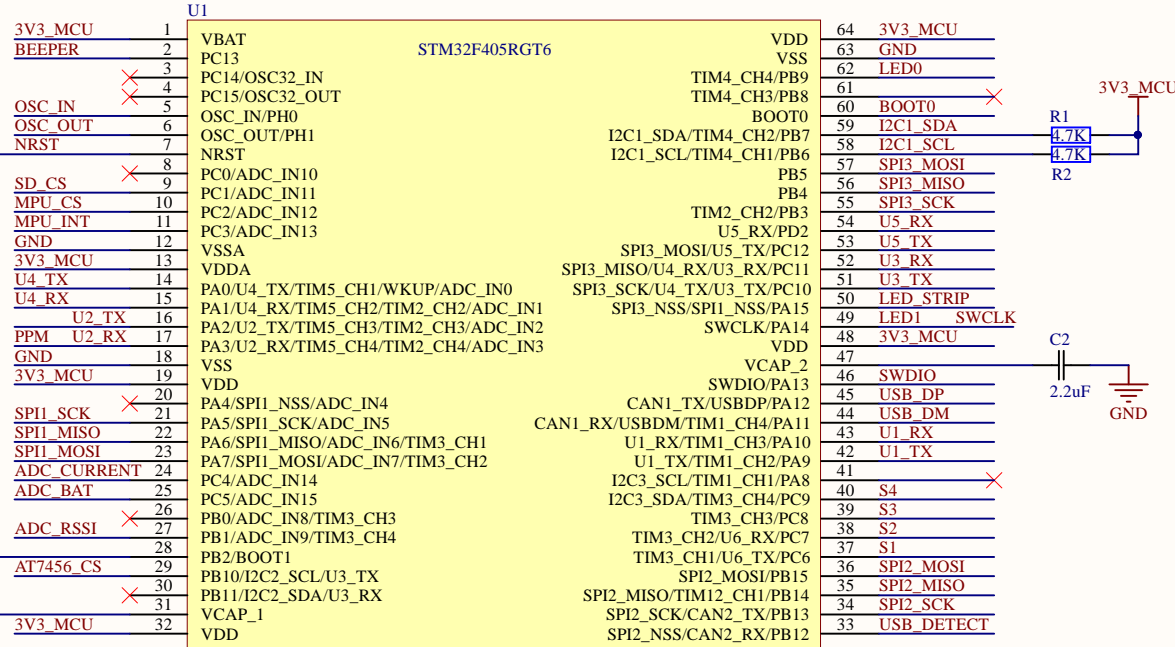
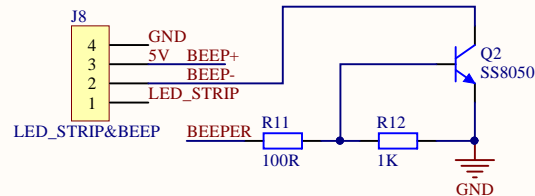


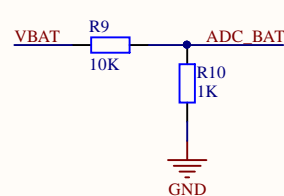
MCU



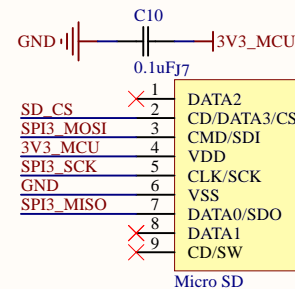
LED灯带和蜂鸣器接口



电压检测



TF卡



PORTS

Title: MyFly

Size: A4

Number: 1

Revision: V1.0

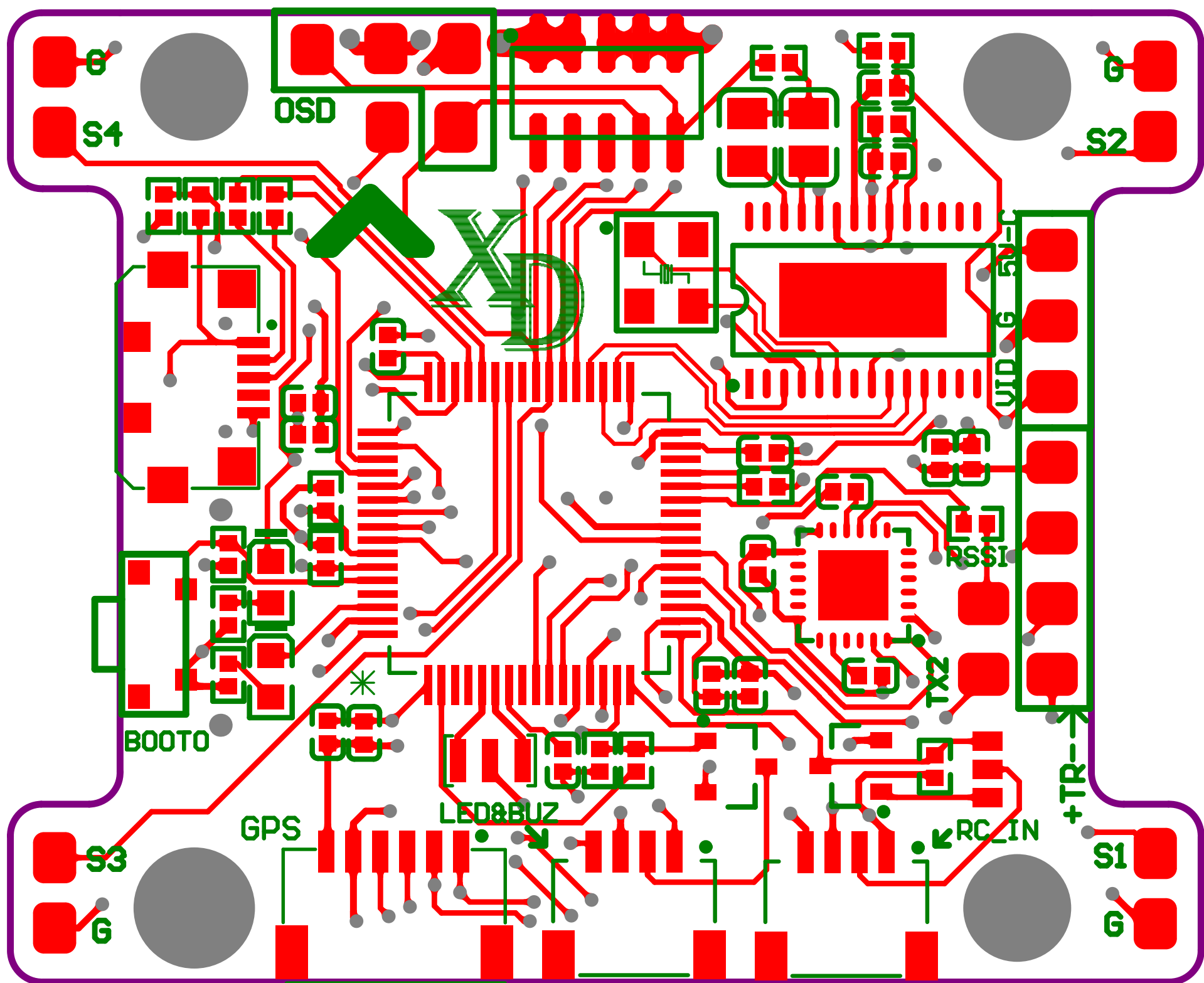
Date: 2018-11-07 Time: 14:08:02

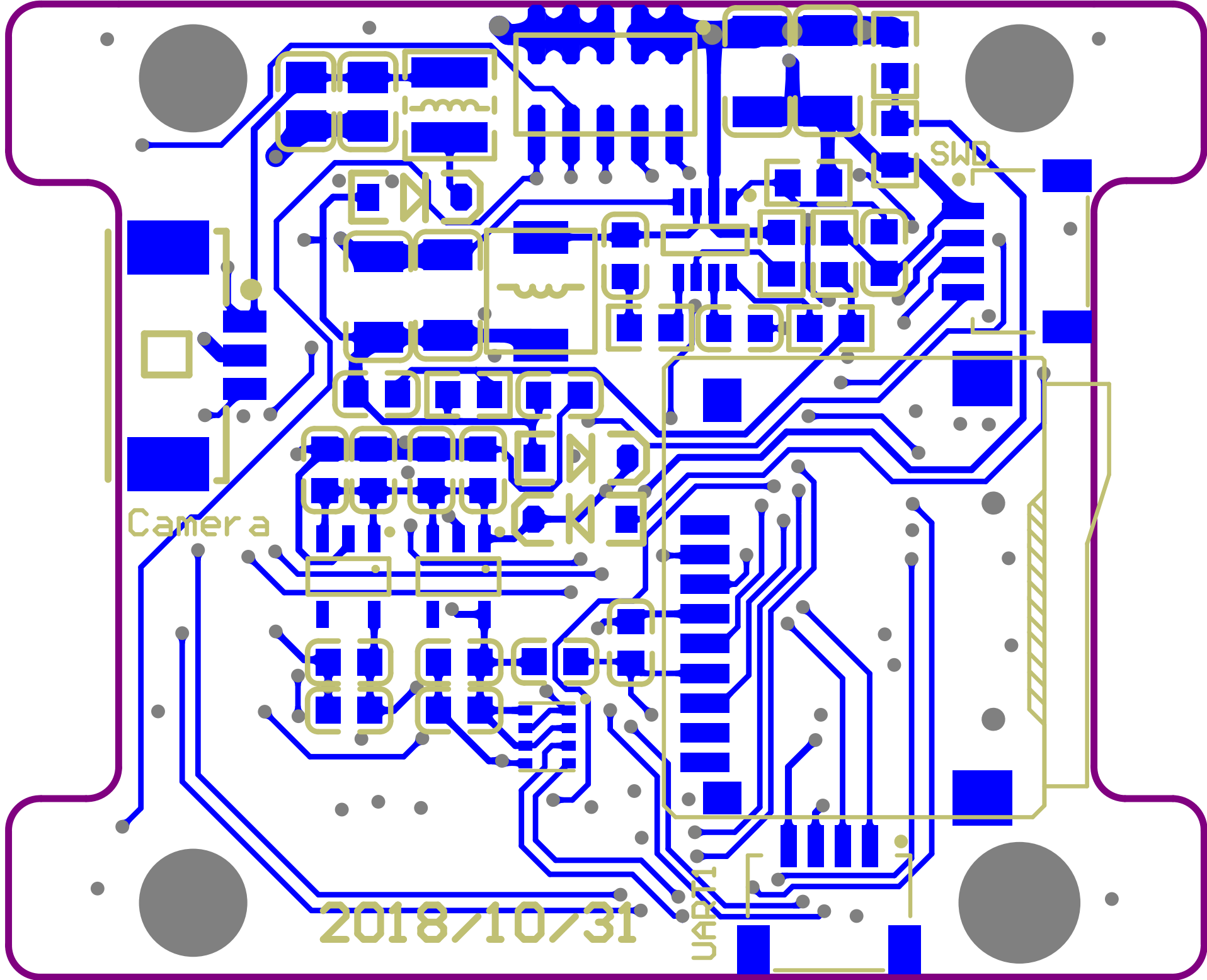
Sheet 1 of 2

File: MyFly1.SchDoc

Author: Xuedong







Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	无极性贴片电容	C1, C4, C5, C6, C7, C8, C9, C33, C34, C36, C37, C38, C39	CAP_0402	CAP	13
2.2uF	无极性贴片电容	C2, C3	CAP_0402	CAP	2
0.1uF	无极性贴片电容	C10, C12, C14, C16, C18, C19, C22, C25, C35	CAP_0603	CAP	9
10uF	无极性贴片电容	C11, C13, C15, C17	CAP_0603	CAP	4
47uF	无极性贴片电容	C20, C23, C24, C27	CAP_1206	CAP	4
22p	无极性贴片电容	C21	CAP_0603	CAP	1
1nF	无极性贴片电容	C26	CAP_0603	CAP	1
2.2nF	无极性贴片电容	C28	CAP_0402	CAP	1
47uF	无极性贴片电容	C29, C30, C31, C32	CAP_0805	CAP	4
XC6204B332MR	LDO	IC1, IC2	SOT23-5L	LDO XC6204	2
AT7456E	OSD芯片	IC3	TSSOP28_L_E	AT7456E	1
MPU-6000	传感器	IC4	QFN24 4X4_N	MPU-6000	1
BMP280	气压传感器	IC5	BMP280 LGA8	BMP280	1
GPS&COMPASS	6P接插件	J1	SH1.0 S-W-6P	Header_1x6	1
SWD	4P接插件	J2	SH1.0 S-W-4P	Header_1x4	1
UART1	4P接插件	J3	SH1.0 S-W-4P	Header_1x4	1
RC_IN	4P接插件	J4	SH1.0 S-W-4P	Header_1x4	1
CAMERA	3P接插件	J5	MX 1.25-WS-3P	Header_1x3	1
VTX	2x5P-接插件	J6	HDR1.27 2x5-M-SMD	Header_2x5	1
Micro SD	Micro SD卡	J7	MICRO SD	Micro SD	1
LED_STRIP&BEEP	4P接插件	J8	SH1.0 S-W-4P	Header_1x4	1
4IN1_ESC	2x5P-接插件	J9	HDR1.27 2x5-SMD	Header_2x5	1
JUPER	三点焊盘跳线	JP1	JUMPER 3P	JUMPER 3P	1
KEY	按键	KEY1	KEY_TSW 2*4*3.5-S-W	KEY	1
10uH	功率屏蔽电感	L1	L-SMD-0420	L-CDRH	1
10uH	NR功率电感	L2	NR3015	L-NR	1
BLUE	贴片发光二极管	led1	LED_0603	LED	1
RED	贴片发光二极管	led2	LED_0603	LED	1
SS8050	高频放大-NPN型	Q1, Q2	SOT23-3L	S8050-SMD	2
4.7K	贴片电阻	R1, R2	Res_0402	RES	2
10K	贴片电阻	R3, R4, R7, R13, R16	Res_0402	RES	5
100R	贴片电阻	R5, R11	Res_0402	RES	2
1K	贴片电阻	R6, R8, R12, R25	Res_0402	RES	4
10K	贴片电阻	R9	RES_0603	RES	1
1K	贴片电阻	R10	RES_0603	RES	1
22R	贴片电阻	R14, R15	Res_0402	RES	2
22R	贴片电阻	R17	RES_0603	RES	1
100K	贴片电阻	R18	RES_0603	RES	1
75K	贴片电阻	R19	RES_0603	RES	1
40.2K	贴片电阻	R20	RES_0603	RES	1
7.5K	贴片电阻	R21	RES_0603	RES	1
20K	贴片电阻	R22	RES_0603	RES	1
75R	贴片电阻	R23, R24	Res_0402	RES	2
TEST	测试点	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP18, TP19, TP21, TP22, TP23, TP24	TEST PAD 1.8	TEST	22
STM32F405RGT6	Flaah:256/RAM:48/IO:51	U1	LOFP-64	STM32F405RGT6	1
DC MP2315	DC降压芯片	U2	SOT23-8L	DC MP2315	1
USB-5P	微型USB母座	USB1	USB-MICRO_E	USB-5P	1
SS14	肖特基二极管	VD1	SOD-123	SS14	1
MBR0520	肖特基二极管	VD2, VD3	SOD-123	SS14	2
8MHz	3脚无源晶振	X1	XTAL-3215-3P	XTAL-3P	1
27M	4脚无源晶振	X2	XTAL-3225	XTAL-4P	1