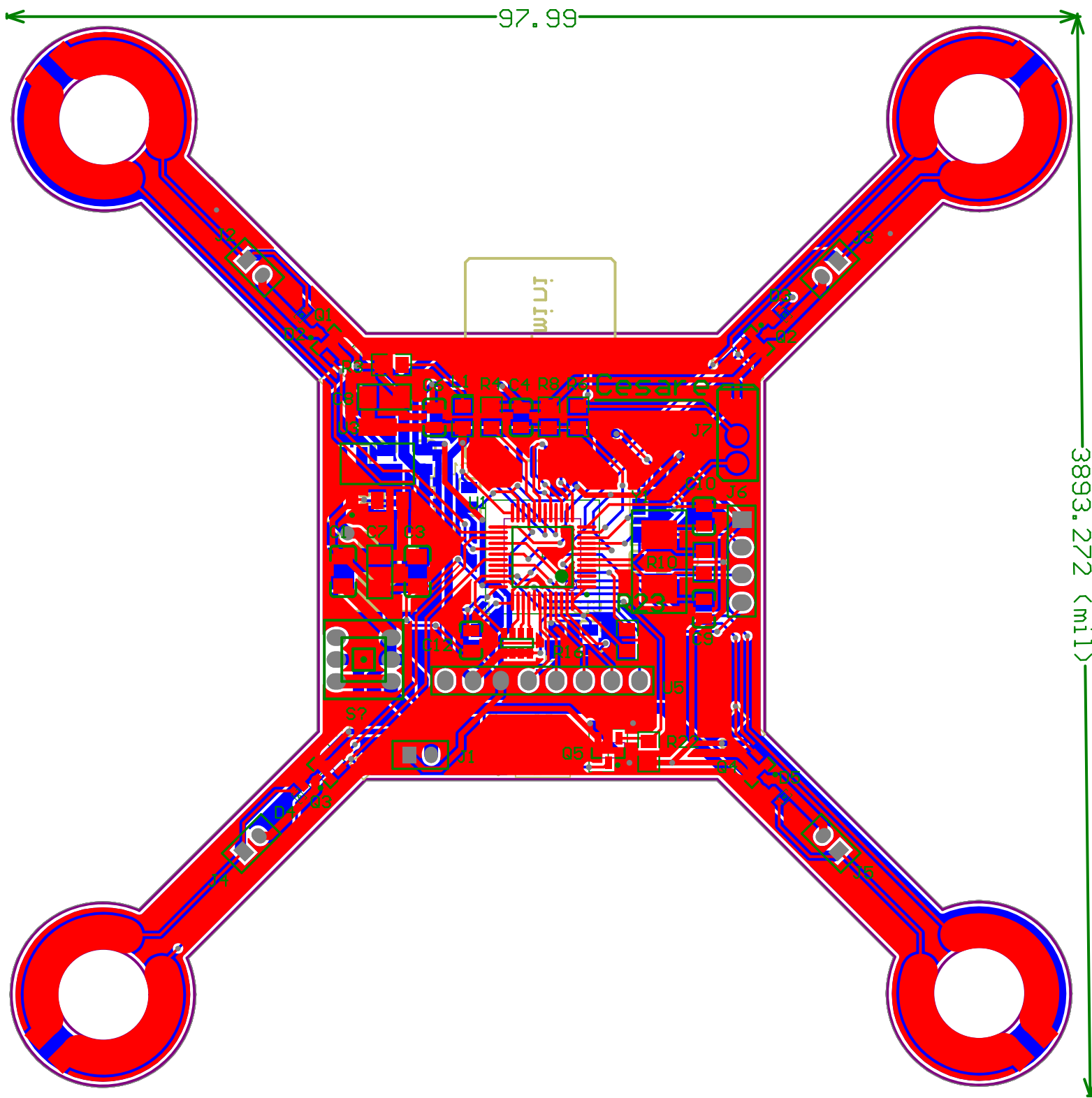
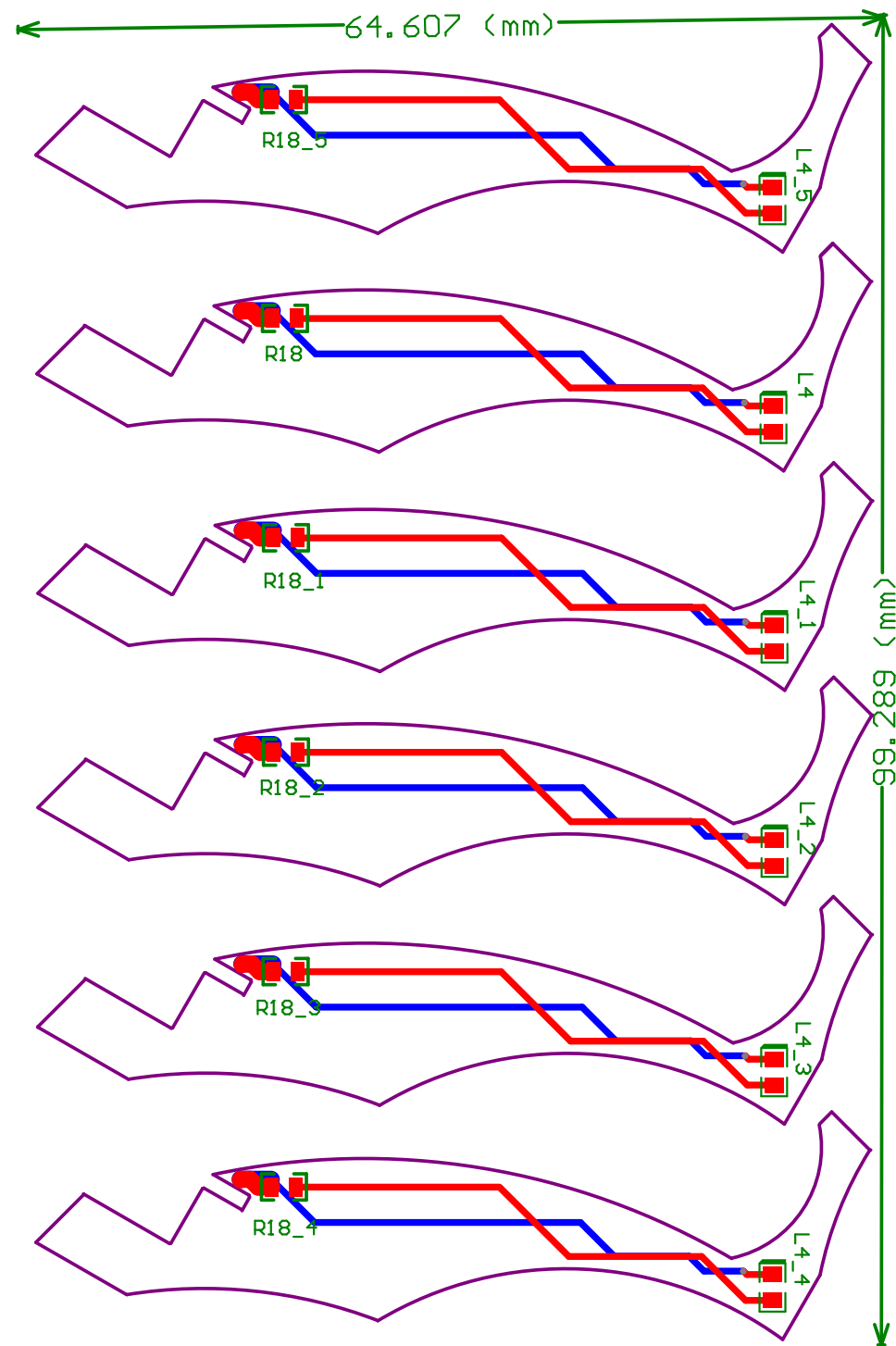


Title		
Size	Number	Revision
A3		
Date:	2018/3/26	Sheet of
File:	E:\无人机四轴开发资料\UAV1.0 Schematic	Drawn By:





Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Pol1	Polarized Capacitor (Radial)	C1	1206C	Cap Pol1	1
3.3pF	Capacitor/小容量电容	C2	0805C	CAP	1
4.7UF	Capacitor/小容量电容	C3	1206C	CAP	1
100NF	Capacitor/小容量电容	C4, C11, C12, C13, C14	0805C	CAP	5
4.7UF	Capacitor/小容量电容	C5	0805C	CAP	1
0.1UF	Capacitor/小容量电容	C6	0805C	CAP	1
CAPE		C7, C8	CAP_A3216	CAPE	2
20PF	Capacitor/小容量电容	C9, C10	0805C	CAP	2
DIODE-S	SCHOTTKY	D1	C_SMA_3216	DIODE-S	1
BAT54	Schottky Diode	D2, D3, D4, D5	SOD-523	D Schottky	4
LED		D6	LED5050_RGB	LED_5050RGB	1
Li Battery - 3.7V		J1	P2_2.0-1	SIP2	1
M1		J2, J3, J4, J5	P2_2.0-1	SIP2	4
ST_LINK		J6	P4_2.54-1	SIP4	1
External device		J7	3-pin	SIP3	1
白		L1	D0805	LED	1
10uH		L2	L_7x7	L	1
INDUCTOR		L3	R0805	INDUCTOR	1
SI2302		Q1, Q2, Q3, Q4, Q5	SI2302	SI2302	5
RES	Semiconductor Resistor	R1, R2, R4, R6, R7, R8, R10, R11, R12, R13, R14, R15, R22, R23	R0805	RES	14
Res1	Resistor	R3	R0805	Res1	1
620K		R5	0805R	Res	1
200K		R9	0805R	Res	1
10k	8P4R_0603	R16	8P4R_0603	8P4R_0603	1
100R		R17	0805R	Res	1
SW-DPDT	Double-Pole, Double-Throw Switch	S?	KEY_KFT7.0	SW-DPDT	1
STM32F103C8T6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U1	LQFP48_N	STM32F103C8T6	1
TPS6140		U2	SOT-23-5	TPS6140	1
AMS1117	Header, 2-Pin	U3	ZZ311	AMS1117	1
GY_86		U5	P8_2.54-1	GY_86	1
2.4G		U?	2.4G_mini	2.4G_mini	1
CRYSTAL1	CRYSTAL1	Y1	Y2	CRYSTAL1	1