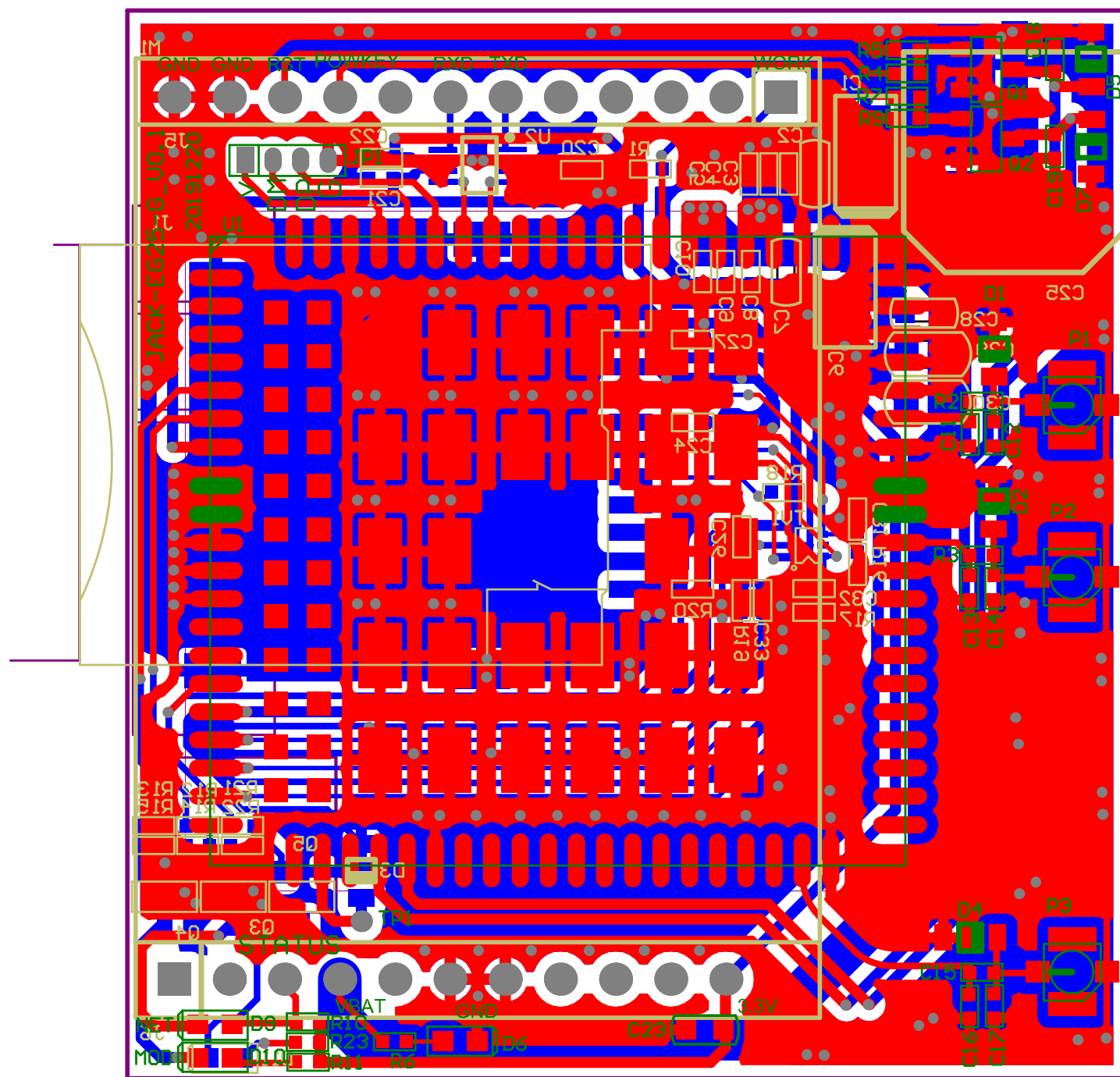


Title		
Size	Number	Revision
A4		
Date:	2020/1/3	Sheet of
File:	D:\sensor New\...\SIM.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
100uF/ 6.3V	Electrolytic Capacitor	C1, C6	SMD_B	ELECTRO1	2
10uF	贴片电容/5% 16V, 贴片电容/6.3V/ 10%	C2, C7, C23	0603c	CAP_2, Capacitor	3
0.1uF	贴片电容/5% 16V, 贴片电容/ 10V/ 10% 贴片电容/ 16V/ 10%	C3, C8, C18, C19, C20, C22, C24, C27	0402	CAP_2, Capacitor, CAPNP	8
33pF	贴片电容/ 16V/ 10%	C4, C9, C31, C32, C33	0402	CAP_2, CAPNP	5
10pF	贴片电容/ 16V/ 10%	C5, C10	0402	CAP_2	2
NC	贴片电容/ 10V/ 10%	C11, C12, C13, C14, C16, C17	0402	CAP_2	6
100pF	贴片电容/ 10V/ 10%	C15	0402	CAP_2	1
10uF	贴片电容/5% 16V	C21	0402	Capacitor	1
470uF	插件电容/ 16V/ 20%	C25	RB10	CAP_POL	1
0.22uF	贴片电容/ 16V/ 10%	C26	0402	CAPNP	1
0.1uF	贴片电容/ 16V/ 10%	C28	0603C	CAPNP	1
47uF	贴片电容/ 16V/ 10%	C29, C30	0805C	CAPNP	2
TVS LXES15AAA1-153		D1, D2, D3, D4, D5, D7	SOD-323	DIODE TVS	6
LED	Typical RED, GREEN, YELLOW, AMBER GaAs LED, 贴片红色LED	D6, D9, D10, D11	0603LED	LED2	4
SIM-9P	Header, 5-Pin, Dual row, Right Angle	J1	molex_8Pin-SIM	SIM-9P	1
4P		JP1	DIP1X4(1.27MM)	4P	1
USR-GM1		M1	USR-GPRS232-7S	GPRS_Module	1
IPEX	SMB Straight Connector	P1, P2, P3	IPEX	SMB	3
SI2302	NPN General Purpose Amplifier	Q1, Q2, Q3, Q4, Q5	SOT23	2N3904	5
10K	贴片电阻/5%	R1, R18	0402	RES2, RES2_1	2
0R	贴片电阻/5%	R2, R3, R16, R17, R19	0402	RES2, RES2_1	5
4.7K	贴片电阻/5%	R4, R7, R12, R13, R21	0402	RES2_1	5
47K	贴片电阻/5%	R5, R9, R14, R15, R22	0402	RES2_1	5
1K	贴片电阻/5%	R6, R10, R11, R23	0402	RES2_1	4
51K	贴片电阻/5%	R20	0402	RES2	1
BOOT		TP1	TP-1.5	TP	1
NUP4114UPXV6	RTC时钟芯片	TV1	Sot-563	NUP4114UPXV6	1
EC20 R2.1		U1	EC20_R2.1	EC20 R2.1	1
TXB0102		U2	WCSP-8	TXB0102	1