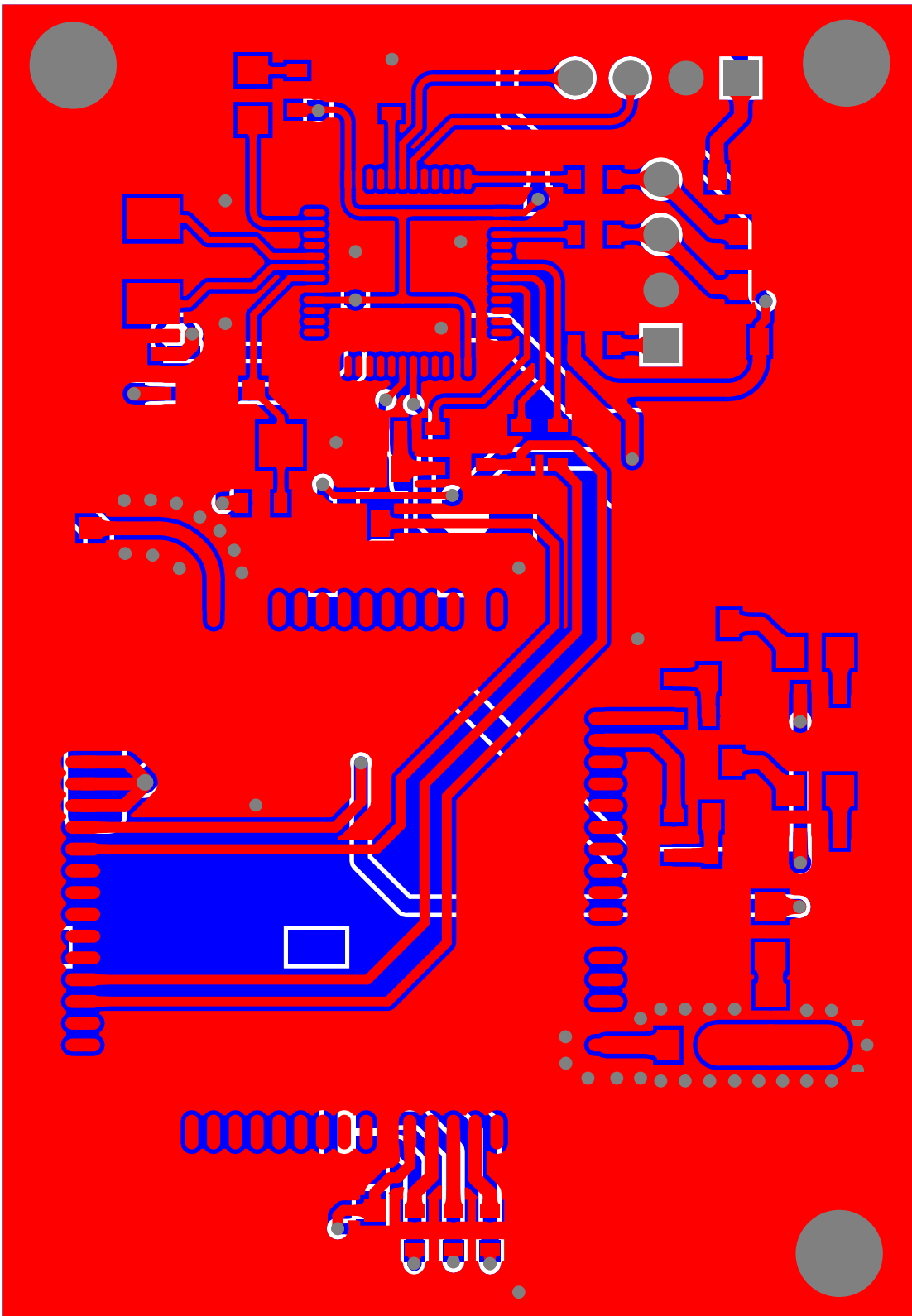


Title		
Size	Number	Revision
A3		
Date:	06-Apr-22	Sheet of
File:	D:\Github\Sheet1.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	Capacitor	C1, C2, C3, C5, C9, C15, C17	CAP_0603	CapSMD	7
100uF	Tantalum	C4, C8	CAP_7343	Cap Pol	2
100nF	Capacitor	C6, C10, C11, C16, C18	CAP_0603	CapSMD	5
33pF	Capacitor	C7	CAP_0603	CapSMD	1
22pF	Capacitor	C12, C13, C14	CAP_0603	CapSMD	3
DIODE-BAV99	ZENER, SOT23,	D1, D2	SOT23	DIODE-BAV99	2
Batt	Pad	I1	CAP_3216	CapSMD	1
RT9013	RT9013-33GB IC REG LINEAR 3.3V 500mA SOT23-5	IC1	SOT23-5	RT9013	1
ST_LINK	Header IDC, 4 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	J1	JP4-D1T	Header4	1
MPU	Header IDC, 4 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	J2	JP4-D1T	Header4	1
47nH	Inductor	L1	L-0805	Inductor Ferit	1
LED	LED Single colour Green and Red	LED1	LED-0805-Orange	LED	1
LED	LED Single colour Green and Red	LED2	LED-0805-Yellow	LED	1
LED	LED Single colour Green and Red	LED3	LED-0805-Red	LED	1
Antenna	Antenna GSM GPS	P1, P2	IPXS	IPXSx66	2
2SC1815	NPN 600mW, ECB	Q1, Q2, Q3	SOT23D	2SC1815	3
10k	Resistor	R1, R2, R3	RES-SMD-0603	Resistor - SMD	3
100k	Resistor	R4, R15	RES-SMD-0603	Resistor - SMD	2
10R	Resistor	R5, R6, R7	RES-SMD-0603	Resistor - SMD	3
1k	Resistor	R8, R12, R13, R18, R19	RES-SMD-0603	Resistor - SMD	5
22R	Resistor	R9, R10, R11	RES-SMD-0603	Resistor - SMD	3
4.7k	Resistor	R14, R20, R21, R22	RES-SMD-0603	Resistor - SMD	4
0R	Resistor	R16	RES-SMD-0805	Resistor - SMD	1
10R	Resistor	R17	RES-SMD-0805	Resistor - SMD	1
47k	Resistor	R23, R24, R25	RES-SMD-0603	Resistor - SMD	3
SW-SMD	Switch	S1, S2, S3	SW 3x2x4	SW-SMD	3
SIM808	SIM808 GPS, GPRS/GSM RF Arduino Platform Evaluation Expansion Board	U1	XCVR_SIM808	SIM808	1
STM32	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 64-pin LQFP, Industrial Temperature	U2	LQFP 48	STM32F103C8T6	1
SIM-KF016	SIM Card Holder KF-016	U3	Sim Socket	Sim holder	1
8Mhz	Crystal For all Crystal 2pin.	X1	XTAL 5032 SMD	XT2	1