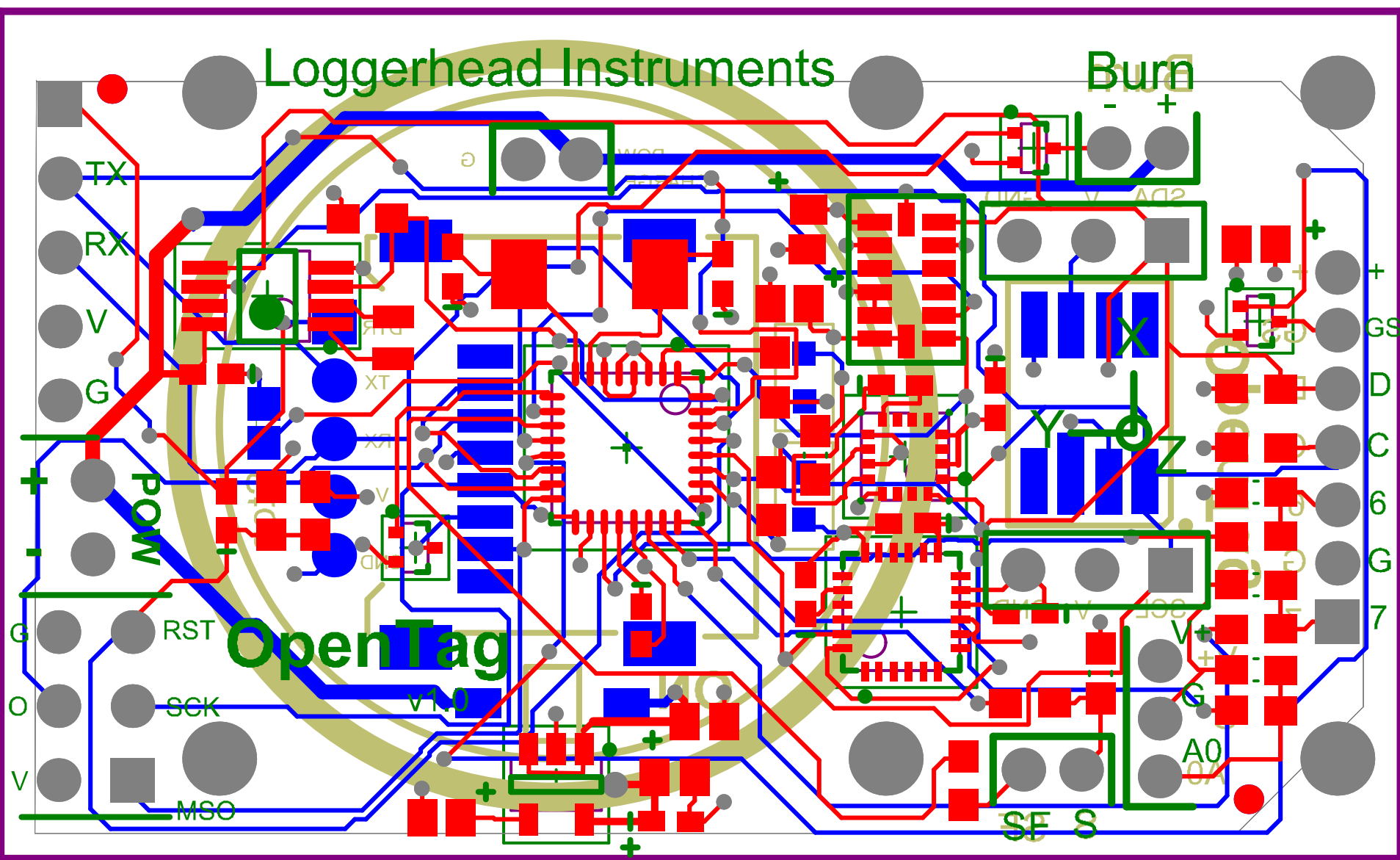


Loggerhead Instruments

Burn

OpenTag



Comment	Description	Designator	Footprint	LibRef	Quantity
8MHz		*1	XTAL-ABM3	XTAL-ABM3	1
32.768kHz		*2	XTAL-ABS06	XTAL_ABS06	1
1uF		C1, C8, C23, C24	Tant0805	Tant0805	4
10uF		C2, C31	Tant0805	Tant0805	2
15nF	Ceramic Chip Capacitor - Standard	C3, C4, C6	0603	C0603	3
0.1uF	Ceramic Chip Capacitor - Standard	C5, C12, C15, C20, C22	0402	C0402	5
4.7uF	Val 0603 V % Material	C7, C17	T608[0603] - Cap Ceramic	00 Template 0603	2
100pF	Ceramic Chip Capacitor - Standard	C13, C14	0402	C0402	2
10nF	Ceramic Chip Capacitor - Standard	C16, C18	0402	C0402	2
2.2nF	Ceramic Chip Capacitor - Standard	C19	0402	C0402	1
0.22uF	Ceramic Chip Capacitor - Standard	C21	0402	C0402	1
LED_0603		D1, D2	Diode0603	LED_0603	2
Salt Switch		P1	HDR_2x1_2mm	HDR_2x1_2mm	1
Battery		P2	HDR_2x1_2mm	HDR_2x1_2mm	1
Charging Connector _2mm	Charging Connector	P3	HDR_2x1_2mm	HDR_2x1_2mm	1
HDR_7x1_2mm		P4	HDR_7x1_2mm	HDR_7x1_2mm	1
Burn		P5	HDR_2x1_2mm	HDR_2x1_2mm	1
HDR_3x1_2mm		P6	HDR_3x1_2mm	HDR_3x1_2mm	1
microSD-Molex		P7	microSD_Molex_hinged	microSD_Molex_hinged	1
Header 5	Header, 5-Pin	P8	HDR1X5	Header 5	1
AVR SPI	Header, 3-Pin, Dual row	P9	HDR2X3	Header 3X2	1
DIP1		P10	DIP1	DIP1	1
DIP header for Pressure Module	Header, 3-Pin	P11, P12	HDR1X3	Header 3	2
Surface Pads		P13	Surface Pads 5 x 2mm	SurfacePads 5x2mm	1
DMN5L06TK-7	Ultra-low leakage Enhanced MOSFET	Q1, Q2, Q3	SOT-523	FET DMN5L06TK-7	3
10k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R1, R2, R3, R10	3-0603	ERJ3RK	4
33k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R4	3-0603	ERJ3RK	1
omit	18R 0402 1% 1/10W	R5	1005[0402]	18R 0402_1	1
4.7k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R11, R12, R26	3-0603	ERJ3RK	3
330	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R13, R14	3-0603	ERJ3RK	2
1k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R17	3-0603	ERJ3RK	1
omit	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R18	3-0603	ERJ3RK	1
ATmega8-16AC	8-Bit AVR Microcontroller with 8K Bytes of In-System Programmable Flash Memory	U1	32M1-A_M	ATmega8-16AC	1
LP3985IM5-3.3	Micropower, 150mA Low-Noise Ultra Low-Dropout CMOS Voltage Regulator	U2	MF05A_N	LP3985IM5-3.3	1
HMC5883L		U3	HMC5883L	HMC5883L	1
ADXL345		U4	ADXL345	ADXL345	1
IMU-3000		U5	IMU-3000	IMU-3000	1
MS5803_Press		U6	MS5803_Press	MS5803_Press	1
DS1342U		U10	uSOP8	DS1337	1