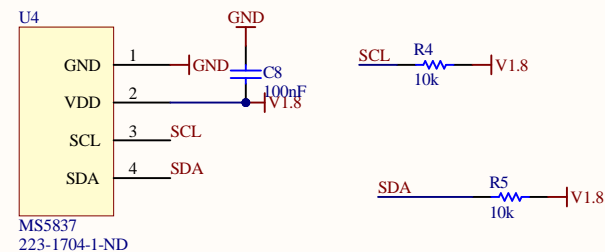
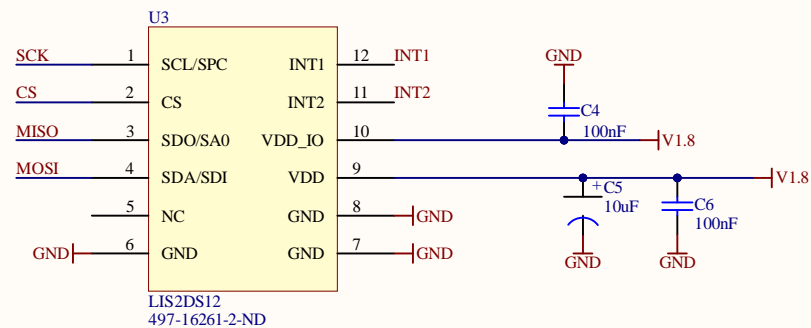
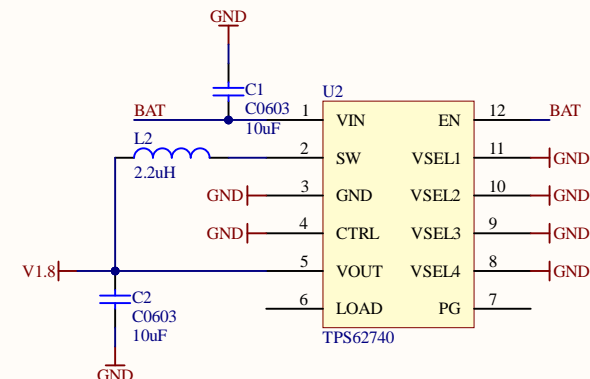
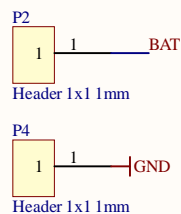
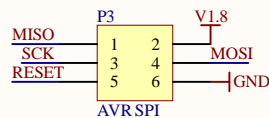
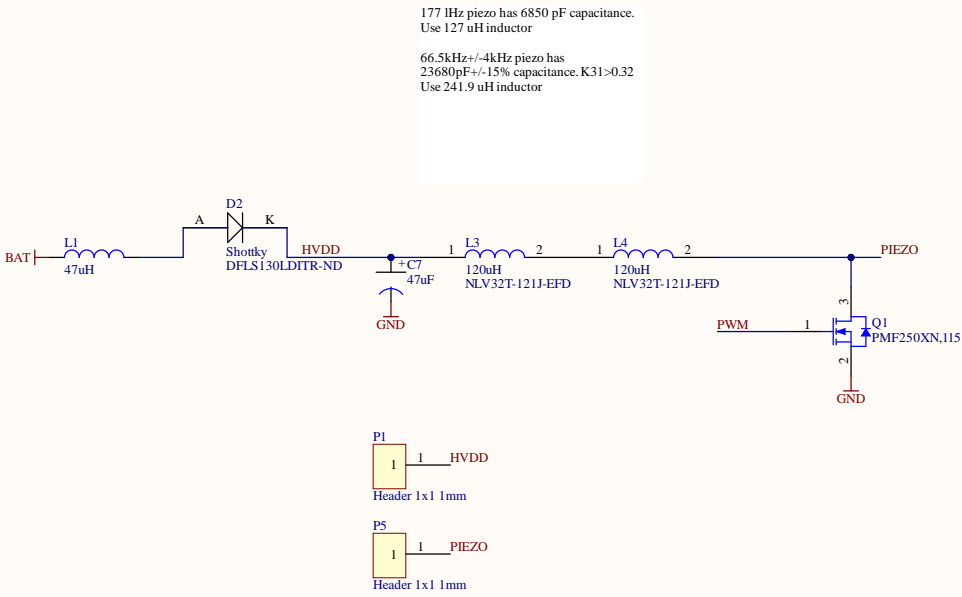


Fuses:
Extended: FF
HIGH: D9
Low: E2

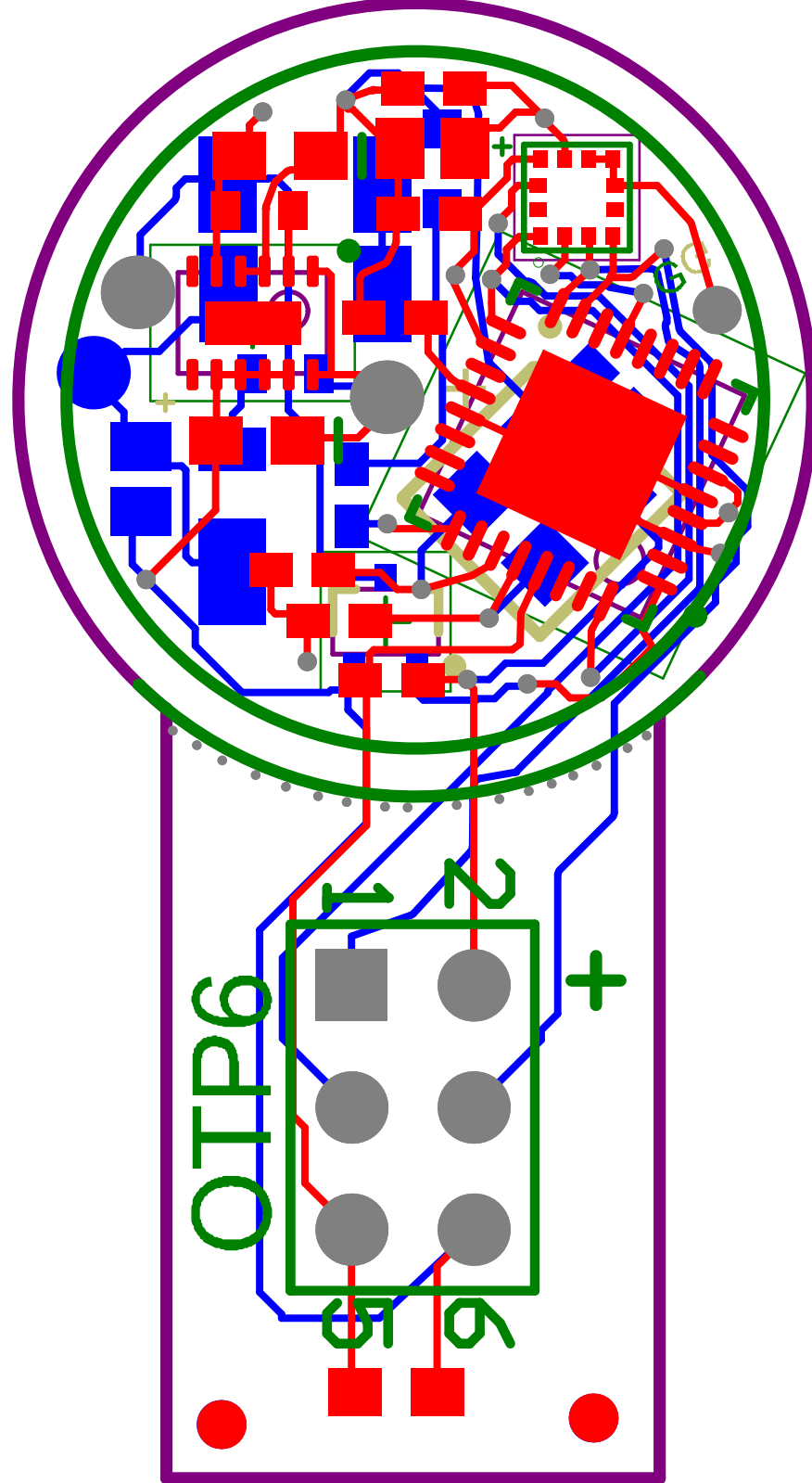
For tube OD16.5xID14.5x25mm



Title OTP6: OpenTag Ping			
Size Letter	Number Loggerhead Instruments		Revision 1.0
Date:	12/10/2022		Sheet of 1
File:	C:\w\OTP\Altium\OTP6\OTP6.SchDoc		Drawn By: D. Mann



Title		
Size	Number	Revision
Legal		
Date:	12/10/2022	Sheet of
File:	C:\w\...\OTP6_PingCircuit.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
C0603	Ceramic Chip Capacitor - Standard	C1, C2	0603	C0603	2
0.1uF	Ceramic Chip Capacitor - Standard	C3	0402	C0402	1
100nF	Ceramic Chip Capacitor - Standard	C4, C6, C8	0402	C0402	3
10uF		C5	Tant0805	Tant0805	1
47uF		C7	Tant0805	Tant0805	1
LED_0603		D1	Diode0603	LED_0603	1
Shottky		D2	DFLS130	DFLS130	1
47uH		L1	Inductor KLZ1608AHR	Inductor KLZ1608	1
2.2uH		L2	Inductor KLZ1608AHR	Inductor KLZ1608	1
120uH		L3, L4	Inductor_NLV32T	Inductor_NLV32T	2
Header 1x1 1mm	1mm through hole	P1, P2, P4, P5	Header1x1mm	Header 1x1 1mm	4
AVR SPI	Header, 3-Pin, Dual row	P3	HDR2X3	Header 3X2	1
PMF250XN,115	N-Channel Trench MOSFET, 30 V, 0.9 A, - 55 to 150 degC, 3-Pin SOT323, Tape and Reel	Q1	NXP-SOT323_N	PMF250XN,115	1
10k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0402 Size, 0.063 W	R1, R4, R5	2-0402	ERJ2RB	3
omit	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R2	3-0603	ERJ3RK	1
330	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0402 Size, 0.063 W	R3	2-0402	ERJ2RB	1
ATmega8-16AC	8-Bit AVR Microcontroller with 8K Bytes of In-System Programmable Flash Memory	U1	32M1-A_M	ATmega8-16AC	1
TPS62740		U2	TPS6274x	TPS6274x	1
LIS2DS12		U3	LGA-12	LIS2DS12	1
MS5837	Pressure/Temp	U4	MS5837	MS5837	1