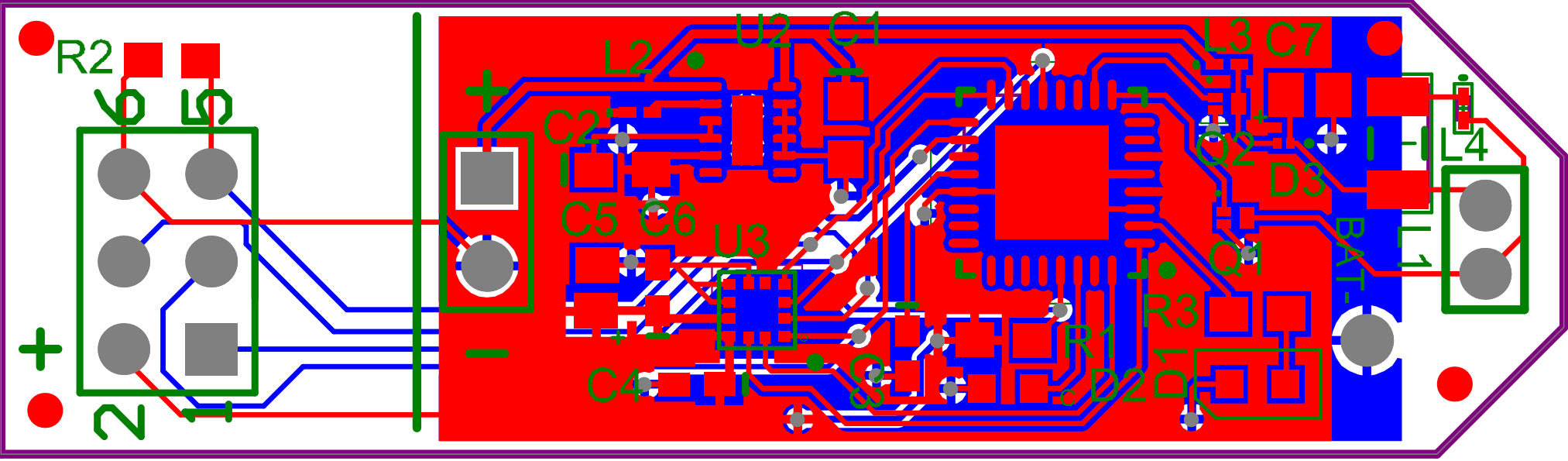


Title OTP2: OpenTag Ping		
Size Letter	Number Loggerhead Instruments	Revision 1.0
Date:	4/23/2019	Sheet 1 of 1
File:	C:\w\OTP\Altium\OTP2\OTP2.SchDoc	Drawn By: D. Mann



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	0402	C0402	2
10uF		C5	Tant0805	Tant0805	1
22uF		C7	Tant0805	Tant0805	1
LED_0603		D1	Diode0603	LED_0603	1
638-PT1921BL41TR8	Phototransistor	D2	Phototransistor	Phototransistor	1
Diode SDM02U30LP3	SDM02U30LP3	D3	Diode SDM02U30LP3-7B	Diode SDM02U30LP3	1
Inductor	Inductor	L1	INDC3216	Inductor	1
Inductor	Inductor	L2, L3, L4	0603	Inductor	3
Header 2	Header, 2-Pin	P1	HDR1X2	Header 2	1
HDR_2x1_2mm		P2	HDR_2x1_2mm	HDR_2x1_2mm	1
AVR SPI	Header, 3-Pin, Dual row	P3	HDR2X3	Header 3X2	1
PMZ390UN,315	N-Channel TrenchMOS Standard Level FET, 30 V, 1.78 A, 3-Pin SOT883, Tape and Reel	Q1, Q2	NXP-SOT883_N	PMZ390UN,315	2
10k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R1	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	R2	3-0603	ERJ3RK	1
330	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R3	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
TPS62740		U2	TPS6274x	TPS6274x	1
LIS2DS12		U3	LGA-12	LIS2DS12	1