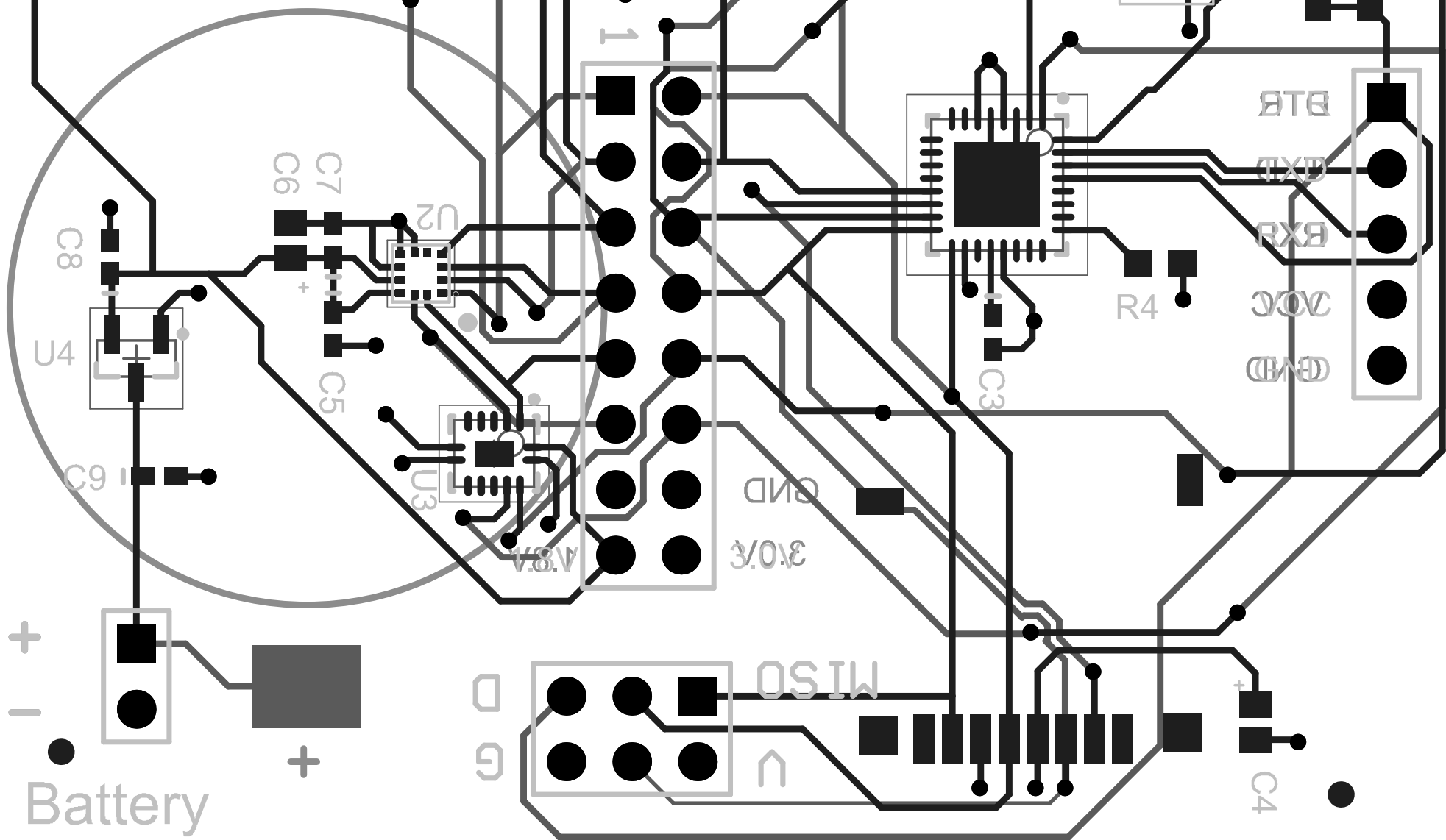


Title TeenY Tiny Fish Tag-LIS2DS12 3.0V Atmega		
Size Letter	Number Loggerhead Instruments	Revision 1.0
Date: 12/10/2022	Sheet bf 1	Drawn By: D. Mann
File: C:\w\...\TTFT_3.0.SchDoc		

TTFT 3.0V
Loggerhead



Battery

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Ceramic Chip Capacitor - Standard	C3	0402	C0402	1
10uF		C4, C6	Tant0805	Tant0805	2
100nF	Ceramic Chip Capacitor - Standard	C5, C7	0402	C0402	2
1.0uF	Ceramic Chip Capacitor - Standard	C8, C9	0402	C0402	2
LED_0603		D1	Diode0603	LED_0603	1
Header 8X2A	Header, 8-Pin, Dual row	P1	HDR2X8_CEN	Header 8X2A	1
Header 5	Header, 5-Pin	P2	HDR1X5	Header 5	1
AVR SPI	Header, 3-Pin, Dual row	P3	HDR2X3	Header 3X2	1
microSD Hirose		P4	DM3D microSD	microSD Hirose	1
Header 2	Header, 2-Pin	P5	HDR1X2	Header 2	1
CoinCellHolder		P24	CoinCellHolder	CoinCellHolder	1
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, R4	3-0603	ERJ3RK	2
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
LIS2DS12		U2	LGA-12	LIS2DS12	1
Level Shifter	Voltage level translator	U3, U5	DHVQFN14	NTB0104	2
MCP1700T-1802E/TT	Low Quiescent Current LDO, 3-Pin SOT-23, Extended Temperature, Tape and Reel	U4	SOT-23-TT3_N	MCP1700T-1802E/TT	1