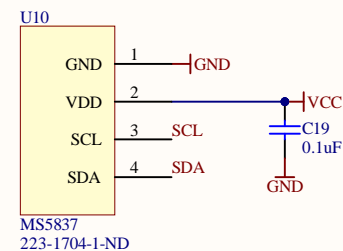
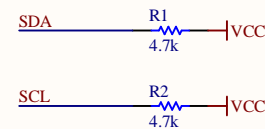
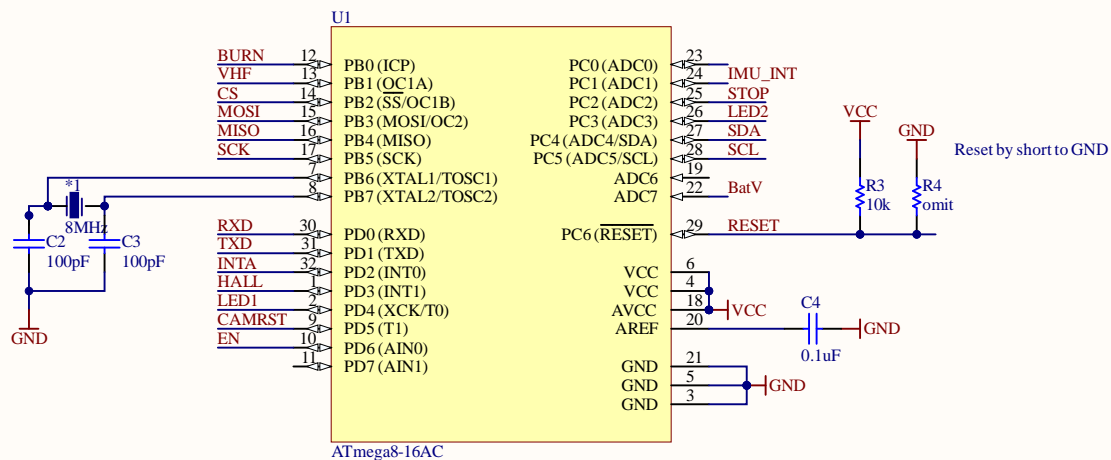


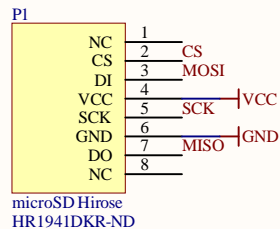
A

A

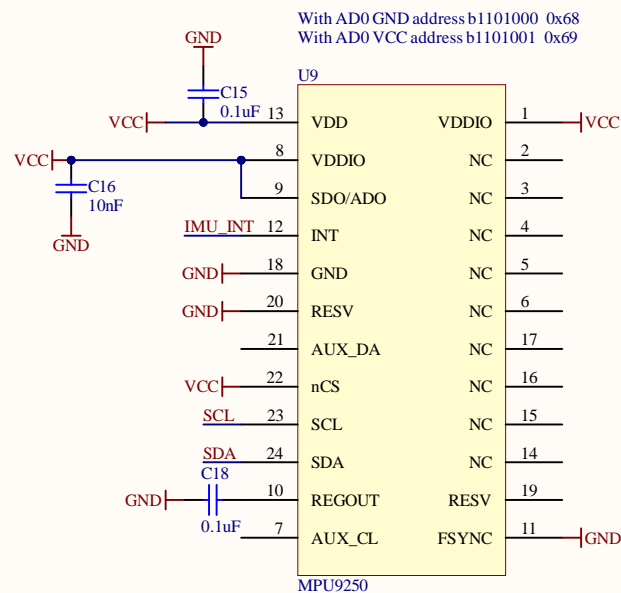
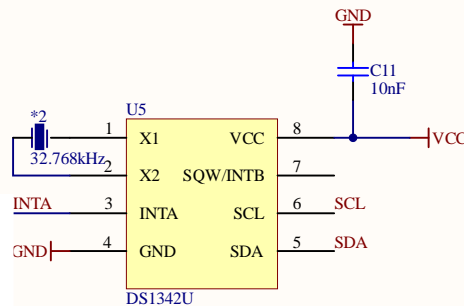


B

B

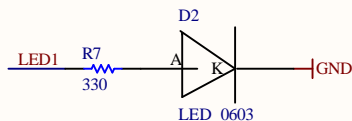
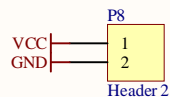
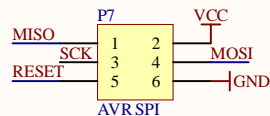


Input INTA on Atmega should turn on internal pullup



C

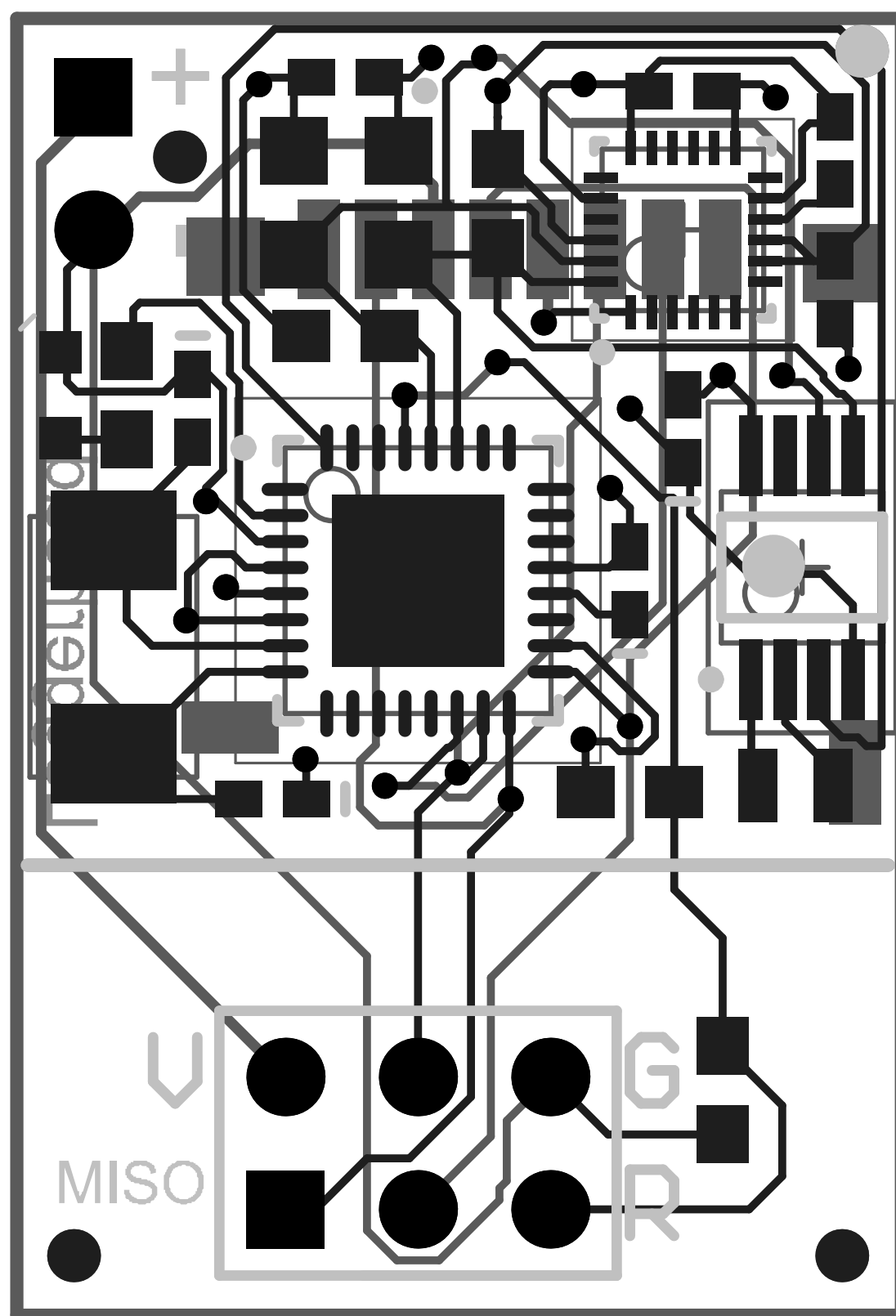
C



D

D

Title Loggerhead Instruments			
Size Letter	Number Teeny Tiny Fish Tag	Revision 1.0	
Date:	12/10/2022	Sheet	bf 1
File:	C:\w\TFT\Altium\TFT.SchDoc	Drawn By:	D. Mann



Comment	Description	Designator	Footprint	LibRef	Quantity
8MHz		*1	XTAL-ABM3	XTAL-ABM3	1
32.768kHz		*2	XTAL-ABS06	XTAL_ABS06	1
100pF	Ceramic Chip Capacitor - Standard	C2, C3	0402	C0402	2
0.1uF	Ceramic Chip Capacitor - Standard	C4, C15, C18, C19	0402	C0402	4
10nF	Ceramic Chip Capacitor - Standard	C11, C16	0402	C0402	2
LED_0603		D2	Diode0603	LED_0603	1
microSD Hirose		P1	DM3D microSD	microSD Hirose	1
AVR SPI	Header, 3-Pin, Dual row	P7	HDR2X3	Header 3X2	1
Header 2	Header, 2-Pin	P8	HDR1X2	Header 2	1
4.7k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R1, R2	3-0603	ERJ3RK	2
10k	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
omit	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
330	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R7	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
DS1342U		U5	uSOP8	DS1337	1
MPU9250	Invensense	U9	MPU6500	MPU-9250	1
MS5837	Pressure/Temp	U10	MS5837	MS5837	1