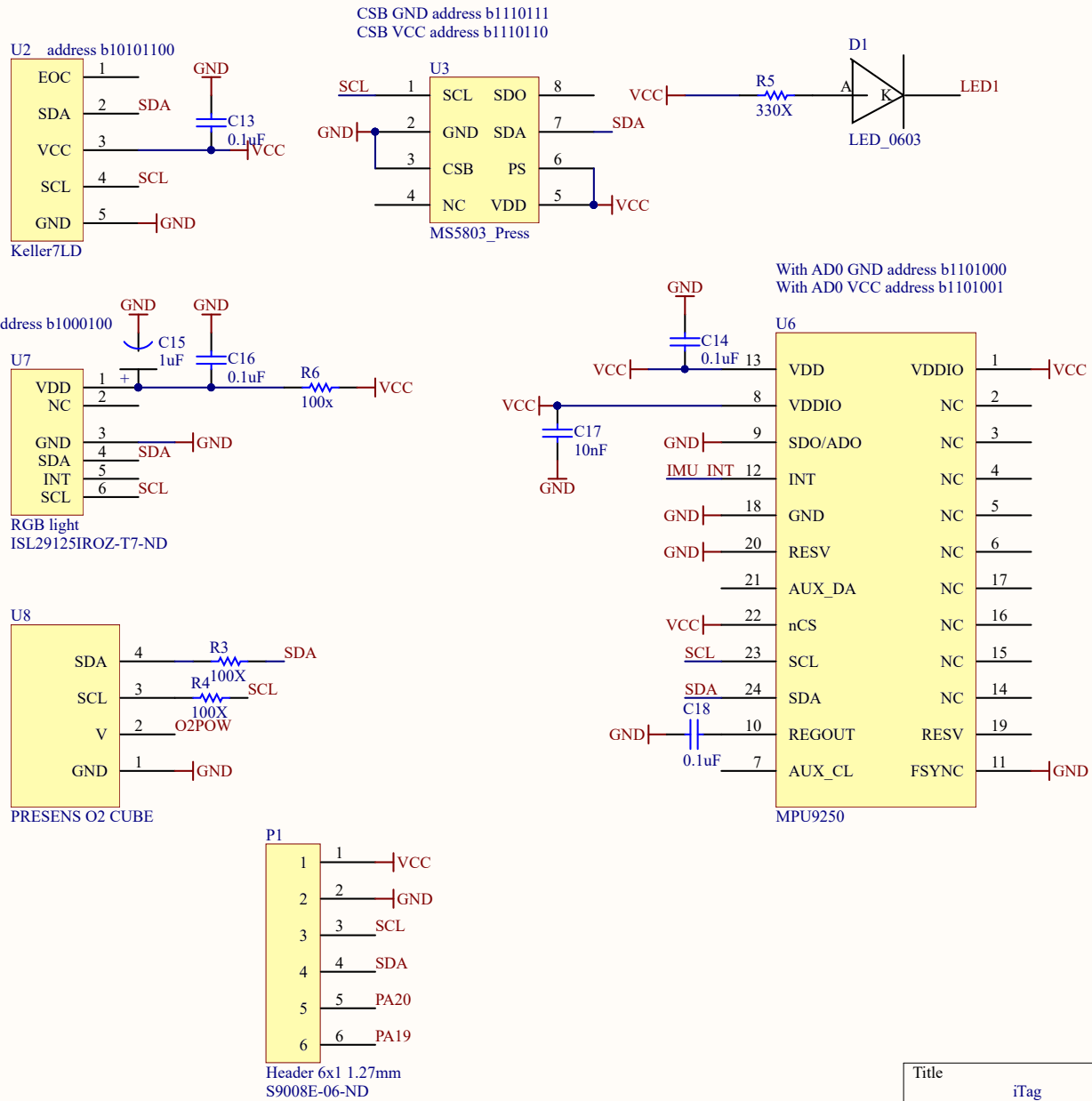
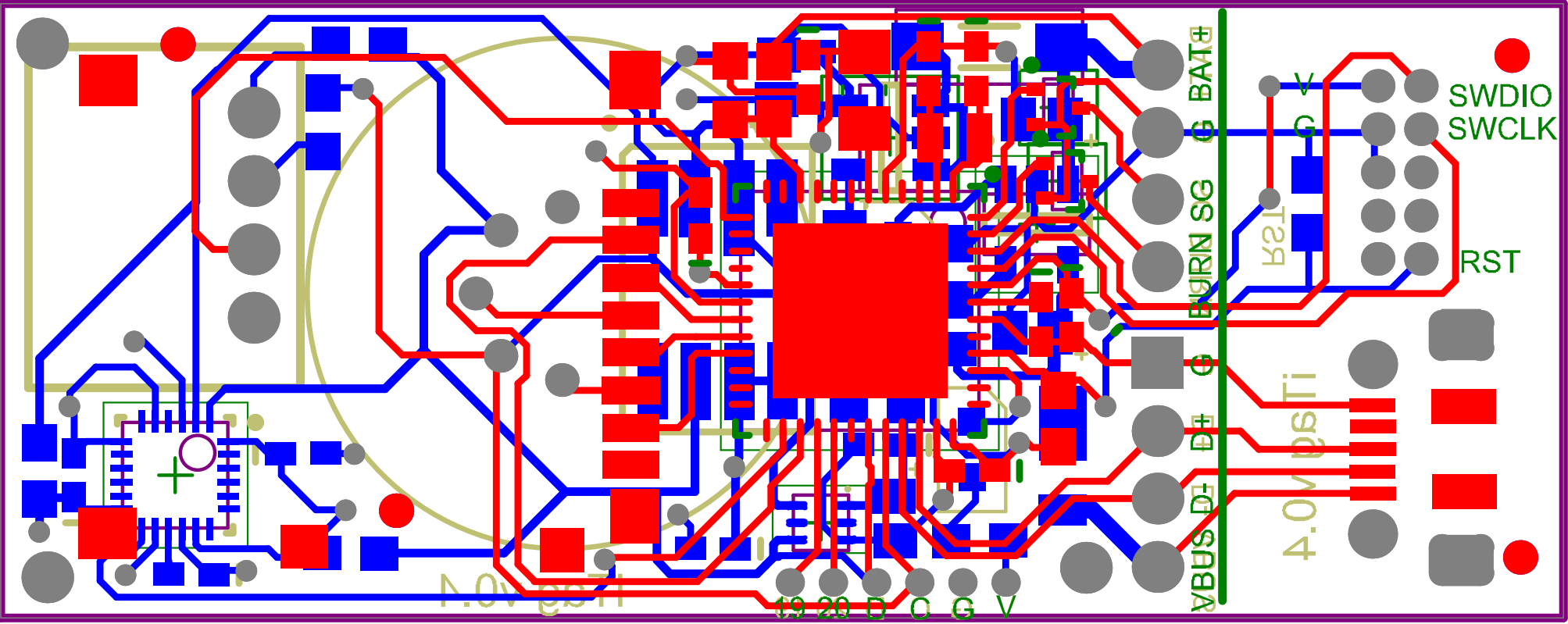


Title			
iTag			
Size	Number	Revision	
A3	Humu Labs	0.41	
Date:	5/17/2017	Sheet	1 of 2
File:	C:\Users\j\iTag4.SchDoc	Drawn By:	D Mann



Title			
iTag			
Size	Number		Revision
A	Humu Labs		0.4
Date:	5/17/2017		Sheet 2 of 2
File:	C:\Users\...\iTag4Sensors2.SchDoc		Drawn By: D Mann



Comment	Description	Designator	Footprint	LibRef	
XTAL_ABS06		*1	XTAL-ABS06	XTAL_ABS06	
Reed_MK24		*2	Reed MK24-B-3	Reed_MK24	
22.5pF	Ceramic Chip Capacitor - Standard	C1, C2	0402	C0402	
0.1uF	Ceramic Chip Capacitor - Standard	C3, C4, C5, C13, C14, C16, C18	0402	C0402	
0.1 uF	Ceramic Chip Capacitor - Standard	C6, C7	0402	C0402	
1uF		C8, C9, C15	Tant0805	Tant0805	
1.0uF	Ceramic Chip Capacitor - Standard	C11	0402	C0402	
10nF	Ceramic Chip Capacitor - Standard	C12, C17	0402	C0402	
LED_0603		D1, D4	Diode0603	LED_0603	
Shottky		D3	DFLS130	DFLS130	
300Ohm	Ferrite 25mOhm@DC, 60 Ohm@100MHz	L1	0805 (M2125) Ferrite	Ferrite 0805(M2125) 3A	
Header 6x1 1.27mm		P1	Header6x1 1.27mm	Header 6x1 1.27mm	
microSD reverse		P2	miroSD_reverse	microSD reverse	
HDR_4x1_2mm		P3	Hdr_4x1_2mm	HDR_4x1_2mm	
Cortex Debug		P4	Header_2x5_50mil	CortexDebug	
HDR_2x1_2mm		P5, P7	HDR_2x1_2mm	HDR_2x1_2mm	
microUSB		P6	microUSB-B	microUSB-B	
DMN5L06TK-7	Ultra-low leakage Enhanced MOSFET	Q1, Q2	SOT-523	FET DMN5L06TK-7	
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	
100X	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R3, R4, R6	3-0603	ERJ3RK	
	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size				