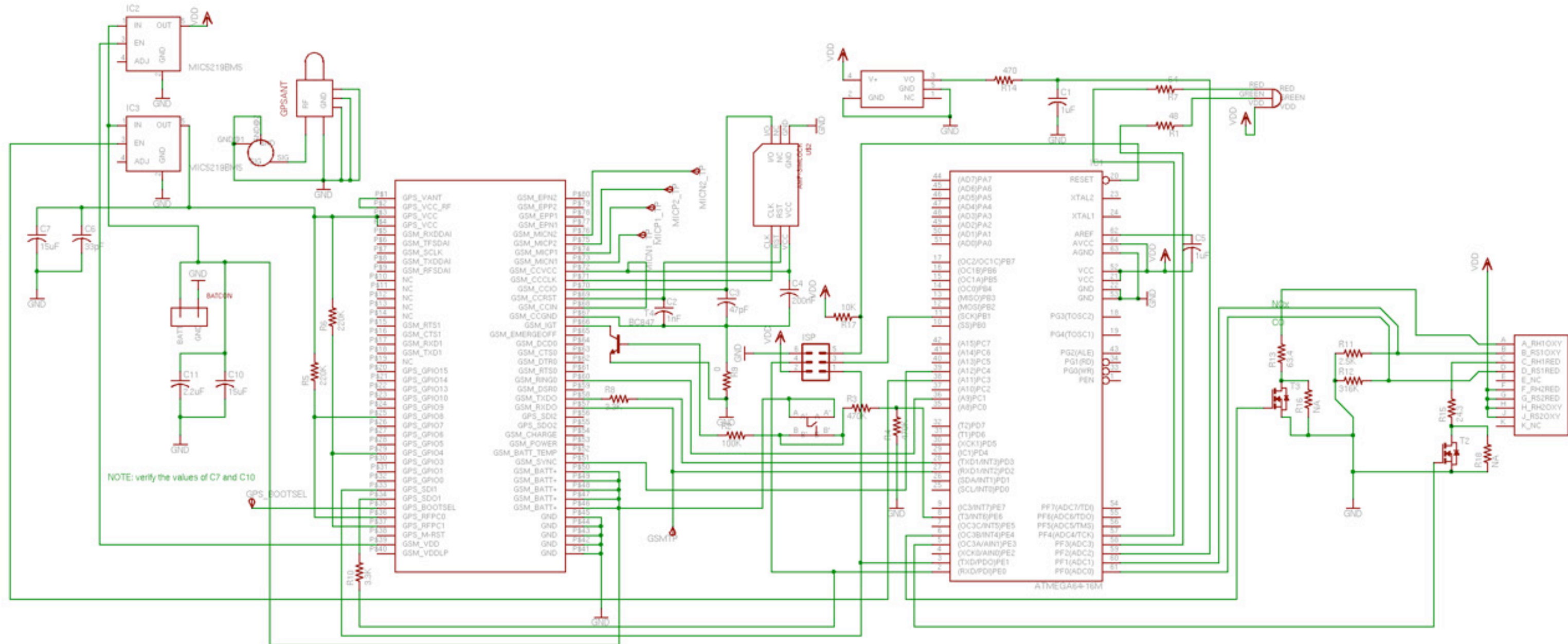
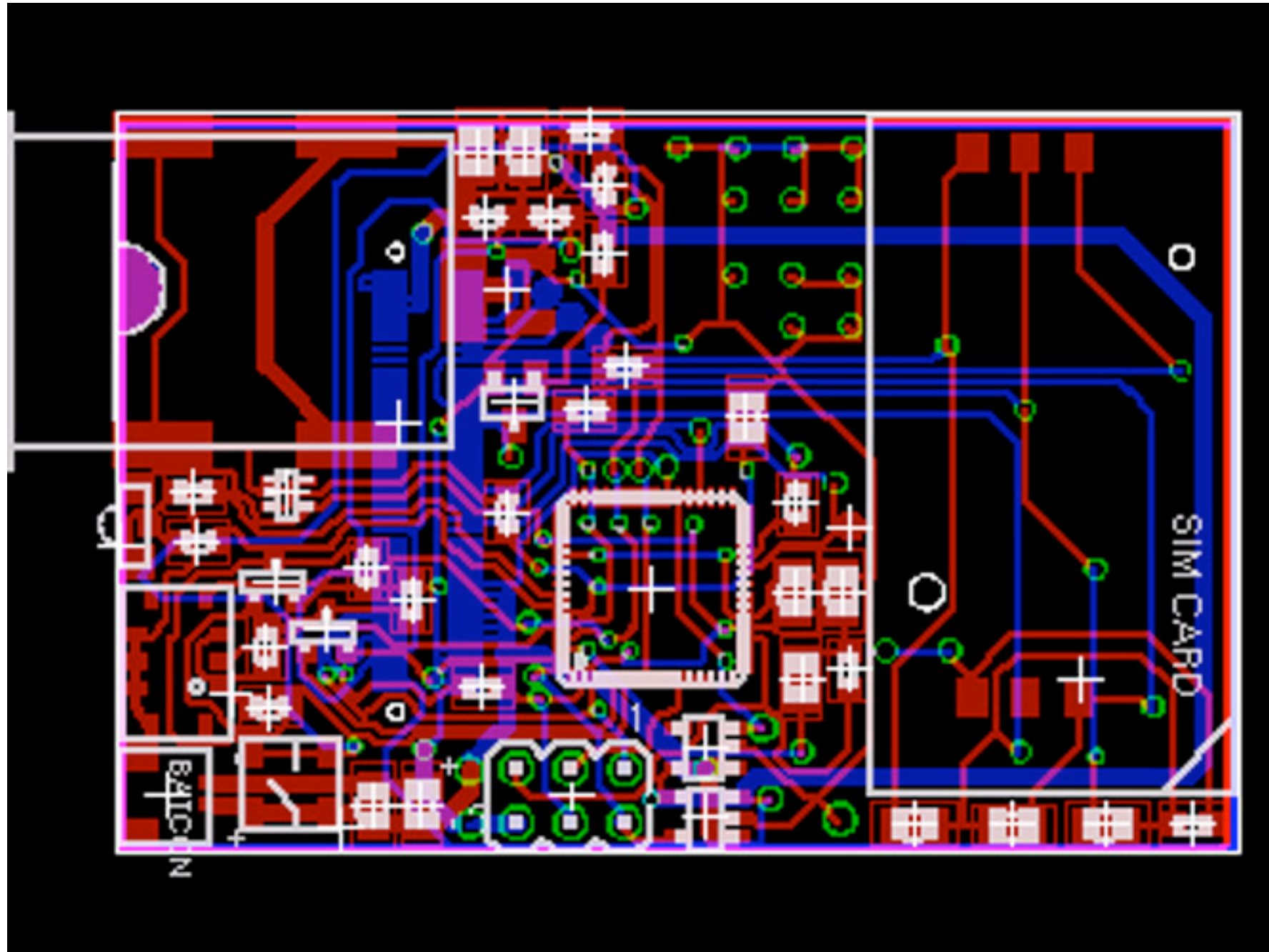


PIGEONBLOG BACKPACK SCHEMATIC



PIGEONBLOG BACKPACK BOARD LAYOUT (magnified)



PIGEONBLOG BACKPACK PARTSLIST

Qty	Value	Device	Parts
1		MA03-2	ISP
2		NMOSSOT23	T2, T3
1	0	R-US_R0603	R9
1	1nF	C-USC0805	C2
2	1uF	C-USC0805	C1, C5
2	2.2uF	C-USC0805	C9, C11
1	2.5K	R-US_R0603	R11
2	3.3K	R-US_R0603	R8, R10
1	10K	R-US_R0603	R17
2	15uF	C-USC0805	C7, C10
1	24.3	R-US_R0603	R15
2	33pF	C-USC0805	C6, C8
1	47pF	C-USC0805	C3
1	48	R-US_R0603	R1
1	63.4	R-US_R0603	R13
1	64	R-US_R0603	R7
1	100K	R-US_R0603	R2
1	200nF	C-USC0805	C4
2	220K	R-US_R0603	R5, R6
1	316K	R-US_R0603	R12
1	470	R-US_R0603	R14
2	470K	R-US_R0603	R3, R4
1	AMP-SIMLOCK	AMP-SIMLOCK	U\$2
1	ATMEGA64-16M	ATMEGA64-16M	IC1
1	BC847	BC847	T4
1	HIROSE-DF12D-80	HIROSE-DF12D-80	U\$1
1	HIROSE-UFL-R-SMT	HIROSE-UFL-R-SMT	U\$5
1	JST-SHCONNECTOR	JST-SHCONNECTOR	BATCON
1	LM20LM20U\$9		
2	MIC5219BM5	MIC5219BM5	IC2, IC3
1	MICN_TP	TPSB1,27	MICN1_TP
1	MICS4514	MICS4514	U\$4
2	NA	R-US_R0603	R16, R18
1	PANASONIC-EVQ-P6JB35	PANASONIC-EVQ-P6JB35	U\$3

1	SARANTEL-GEOHELIX-S	SARANTEL-GEOHELIX-S	GPSANT
1	STANLEYBI_COLORLED	STANLEYBI_COLORLED	U\$6
5	TPSB1,27 TPSB1,27	GPS_BOOTSEL, GSMTTP, MICN2_TP, MICP1_TP, MICP2_TP	