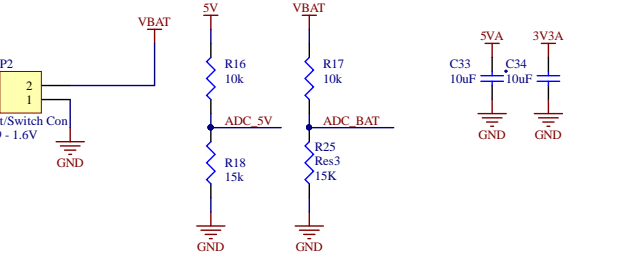
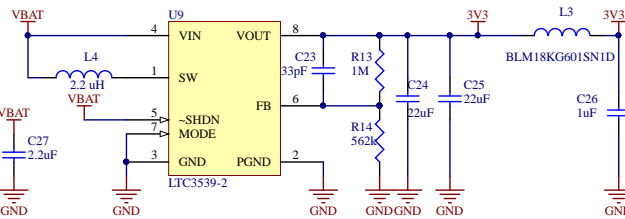
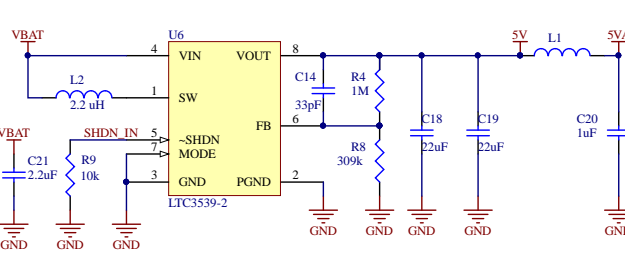
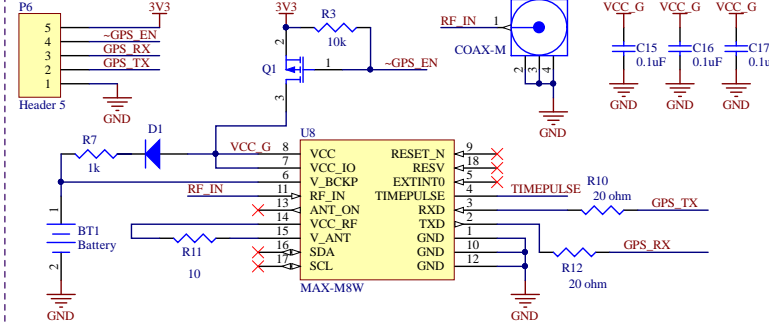


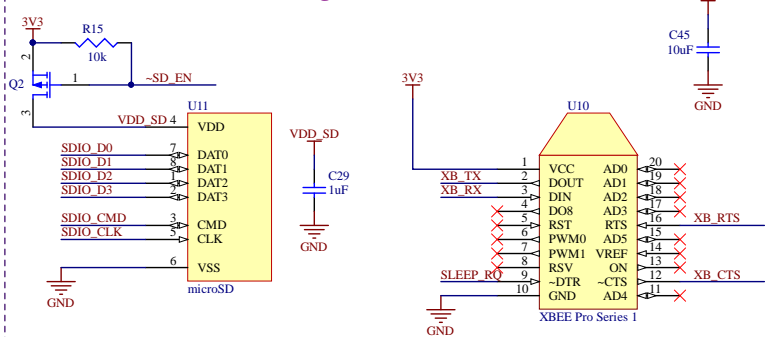
POWER Supply and Monitor



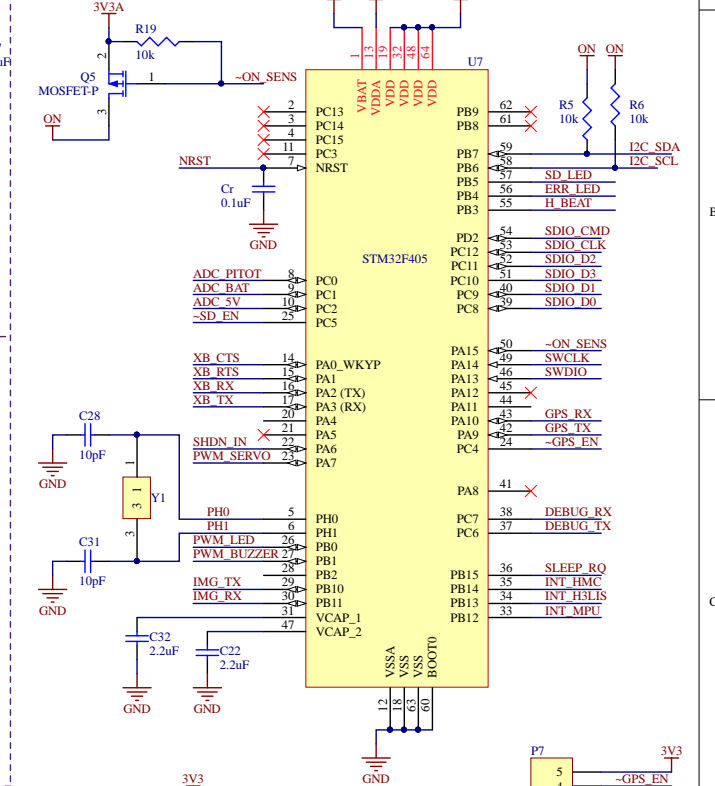
GPS



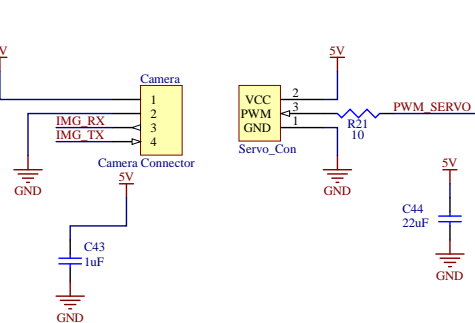
Communication and Data Storage



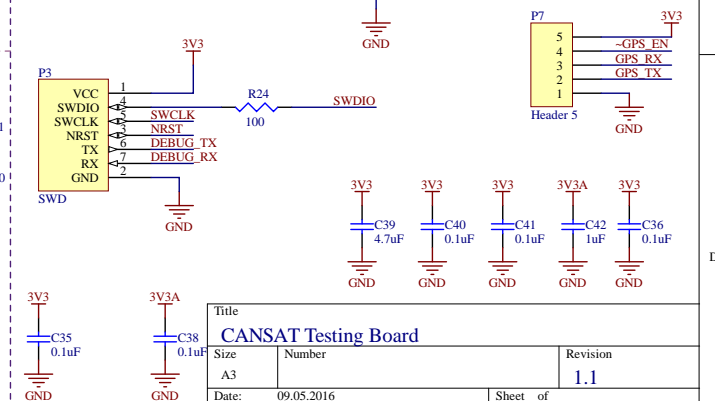
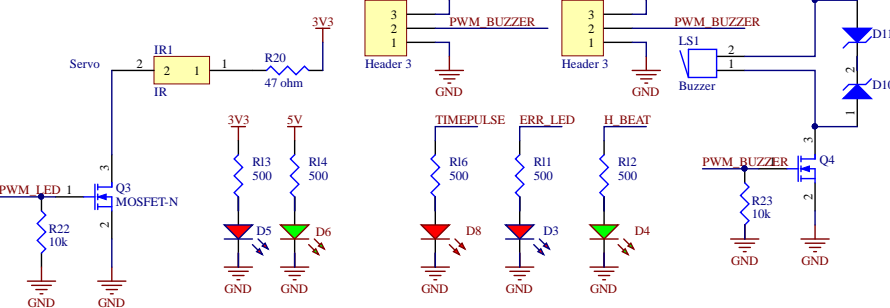
MCU



IMAGERY block

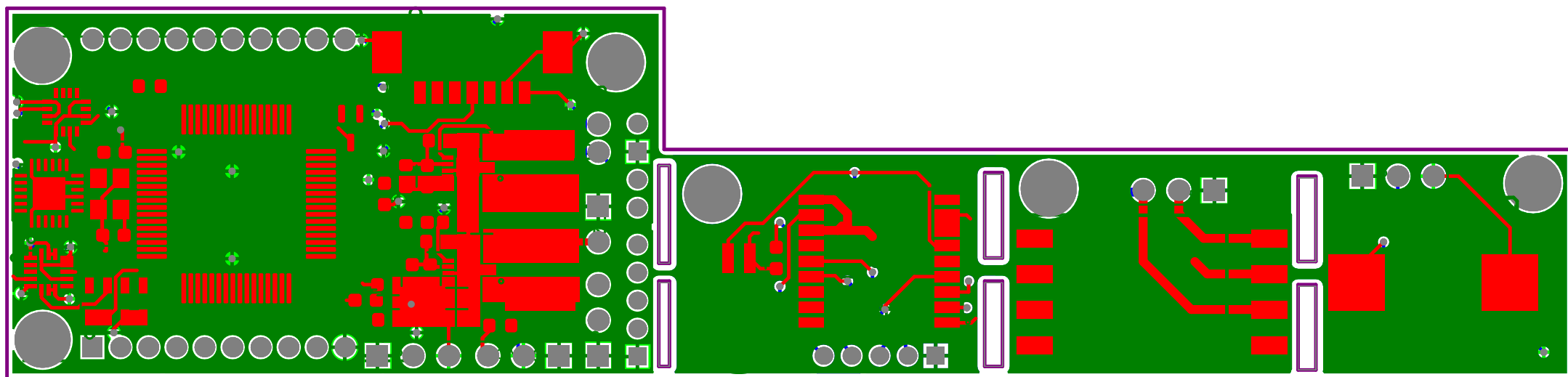


IR LED, I'm alive LEDs & Buzzer



HBEAT ERR

0	1	2	3	4
4	3	2	1	0



Bill of Materials

<Parameter Title not found>












Source Data From: PCB_Project.PyPcb
Project: PCB_Project.PyPcb
Variant: None

Creation Date: 09.05.2016 14:47:14
Print Date: 42499 42499.6163

#Column Name	#Column Name	#Column Name	Designator	Description	Quantity
			Y1		1
			U11		1
			U10		1
			U9		1
			U8		1
			U7		1
			U6		1
			U5		1
			U4		1
			U3	High g accelerometer	1
			U2		1
			U1		1
			R96	Resistor	1
			R8	Resistor	1
			R84	Resistor	1
			R83	Resistor	1
			R82	Resistor	1
			R81	Resistor	1
			R25	Resistor	1
			R24	Resistor	1
			R23	Resistor	1
			R22	Resistor	1
			R21	Resistor	1
			R20	Resistor	1
			R19	Resistor	1
			R18	Resistor	1
			R17	Resistor	1
			R16	Resistor	1
			R15	Resistor	1
			R14	Resistor	1
			R13	Resistor	1
			R12	Resistor	1
			R11	Resistor	1
			R10	Resistor	1
			R9	Resistor	1
			R8	Resistor	1
			R7	Resistor	1
			R6	Resistor	1
			R5	Resistor	1
			R4	Resistor	1
			R3	Resistor	1
			R2	Resistor	1
			R1	Resistor	1
			Q5	P-Channel MOSFET	1
			Q4	N-Channel MOSFET	1
			Q3	N-Channel MOSFET	1
			Q2	P-Channel MOSFET	1
			Q1	P-Channel MOSFET	1
			P9	Header, 3-Pin	1
			P8	Header, 3-Pin	1
			P7	Header, 5-Pin	1
			P6	Header, 5-Pin	1
			P5	Header, 3-Pin	1
			P4	Header, 3-Pin	1
			P3		1
			P2	Header, 2-Pin	1
			P1	RF Coaxial PCB Connector, MMCX, Thru-Hole, Vertical Mount Plug, 50 Ohm Impedance	1
			LS1	Magnetic Transducer Buzzer	1
			L4	Inductor	1
			L3	Inductor	1
			L2	Inductor	1
			L1	Inductor	1
			BR1		1
			D11	Zener Diode	1
			D10	Zener Diode	1
			D8	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
			D6	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
			D5	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
			D4	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
			D3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
			D1	Default Diode	1
			C7	Capacitor (Semiconductor SIM Model)	1
			Camera	Header, 4-Pin	1
			C46	Capacitor (Semiconductor SIM Model)	1
			C44	Capacitor (Semiconductor SIM Model)	1
			C43	Capacitor (Semiconductor SIM Model)	1
			C42	Capacitor (Semiconductor SIM Model)	1
			C41	Capacitor (Semiconductor SIM Model)	1
			C40	Capacitor (Semiconductor SIM Model)	1
			C39	Capacitor (Semiconductor SIM Model)	1
			C38	Capacitor (Semiconductor SIM Model)	1
			C36	Capacitor (Semiconductor SIM Model)	1
			C34	Capacitor (Semiconductor SIM Model)	1
			C33	Capacitor (Semiconductor SIM Model)	1
			C32	Capacitor (Semiconductor SIM Model)	1
			C31	Capacitor (Semiconductor SIM Model)	1
			C29	Capacitor (Semiconductor SIM Model)	1
			C28	Capacitor (Semiconductor SIM Model)	1
			C27	Capacitor (Semiconductor SIM Model)	1
			C26	Capacitor (Semiconductor SIM Model)	1
			C25	Capacitor (Semiconductor SIM Model)	1
			C24	Capacitor (Semiconductor SIM Model)	1
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			C21	Capacitor (Semiconductor SIM Model)	1
			C20	Capacitor (Semiconductor SIM Model)	1
			C19	Capacitor (Semiconductor SIM Model)	1
			C18	Capacitor (Semiconductor SIM Model)	1
			C17	Capacitor (Semiconductor SIM Model)	1
			C16	Capacitor (Semiconductor SIM Model)	1
			C15	Capacitor (Semiconductor SIM Model)	1
			C14	Capacitor (Semiconductor SIM Model)	1
			C13	Capacitor (Semiconductor SIM Model)	1
			C12	Capacitor (Semiconductor SIM Model)	1
			C11	Capacitor (Semiconductor SIM Model)	1
			C10	Capacitor (Semiconductor SIM Model)	1
			C9	Capacitor (Semiconductor SIM Model)	1
			C8	Capacitor (Semiconductor SIM Model)	1
			C7	Capacitor (Semiconductor SIM Model)	1
			C6	Capacitor (Semiconductor SIM Model)	1
			C5	Capacitor (Semiconductor SIM Model)	1
			C4	Capacitor (Semiconductor SIM Model)	1
			C3	Capacitor (Semiconductor SIM Model)	1
			C2	Capacitor (Semiconductor SIM Model)	1
			C1	Capacitor (Semiconductor SIM Model)	1
			BT1	Multicell Battery	1

Approved	Notes	117

Board Stack Report

Stack Up		Layer Stack			
Layer	Board Layer Stack	Name	Material	Thickness	Constant
1		Top Paste			
2		Top Overlay			
3		Top Solder	Solder Resist	0,40mil	3,5
4		Top Layer	Copper	1,40mil	
5		Dielectric 1	FR-4	10,00mil	4,2
6		GND	Copper	1,42mil	
7		Dielectric 3	FR-4	5,00mil	4,2
8		VCC	Copper	1,42mil	
9		Dielectric 2	FR-4	10,00mil	4,2
10		Bottom Layer	Copper	1,40mil	
11		Bottom Solder	Solder Resist	0,40mil	3,5
12		Bottom Overlay			
13		Bottom Paste			
	Height : 31,43mil				