

Title		
Size	Number	Revision
A4		
Date:	2016/3/8	Sheet of
File:	F:\github\...\01 Block Diagram.SchDoc	Drawn By:

1

2

3

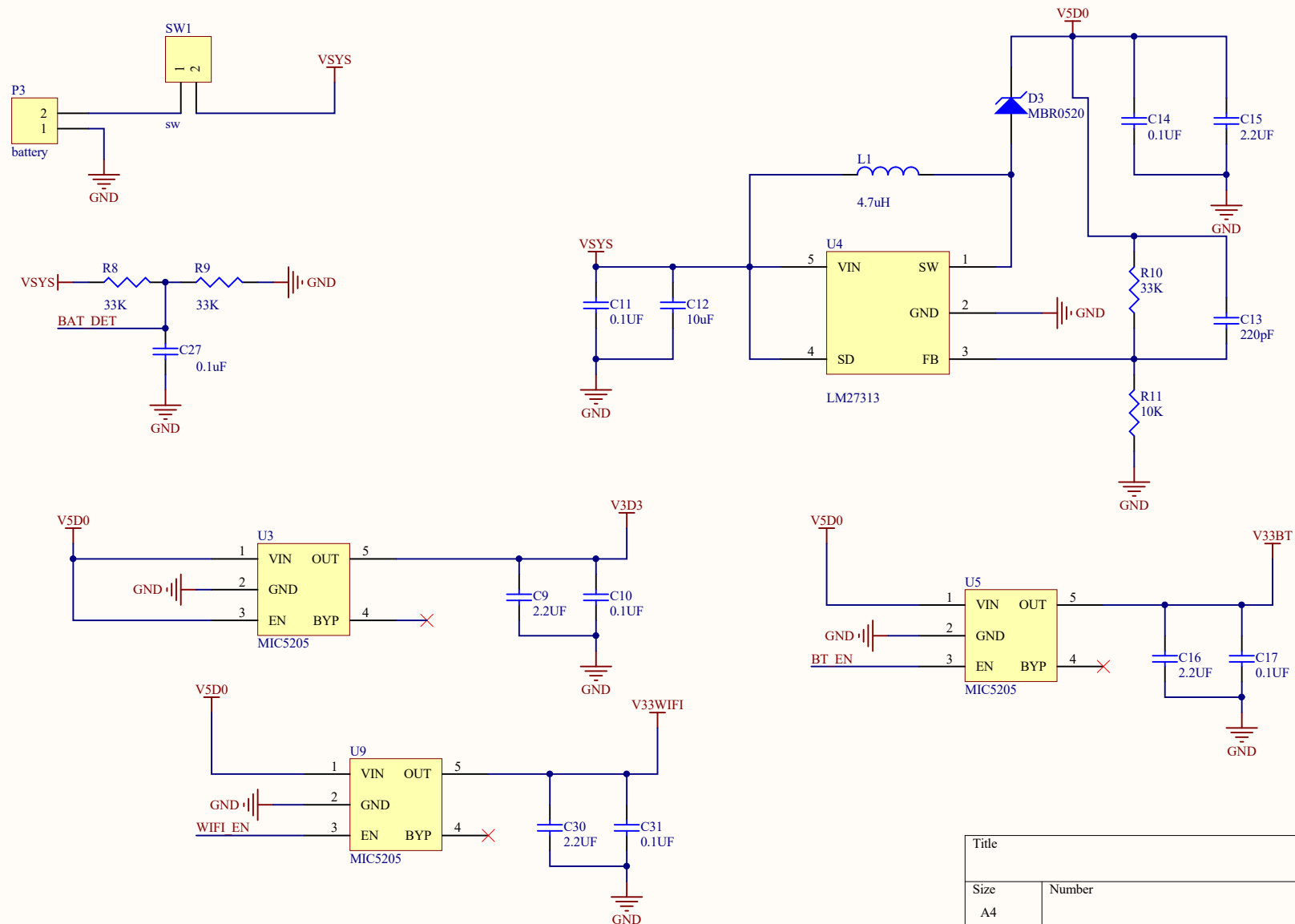
4

A

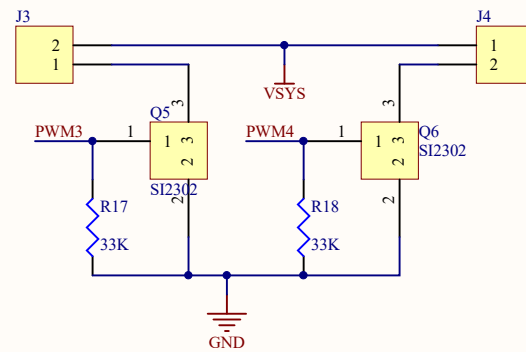
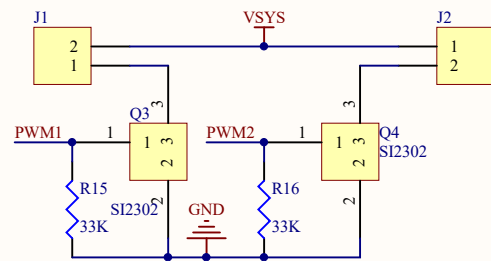
B

C

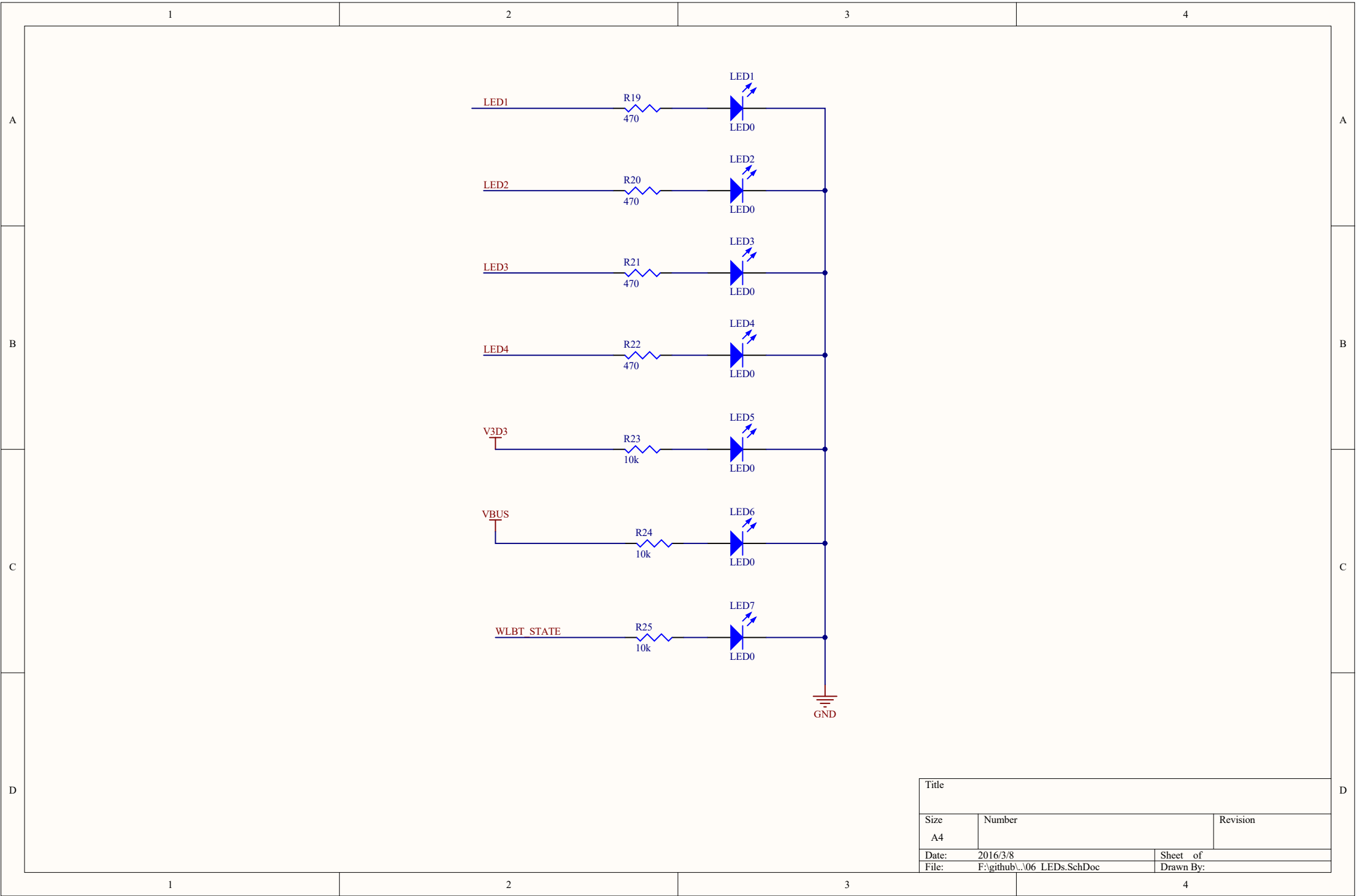
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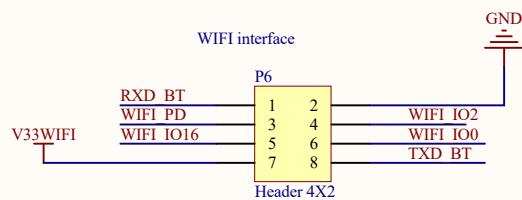
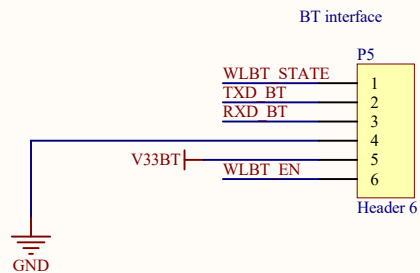
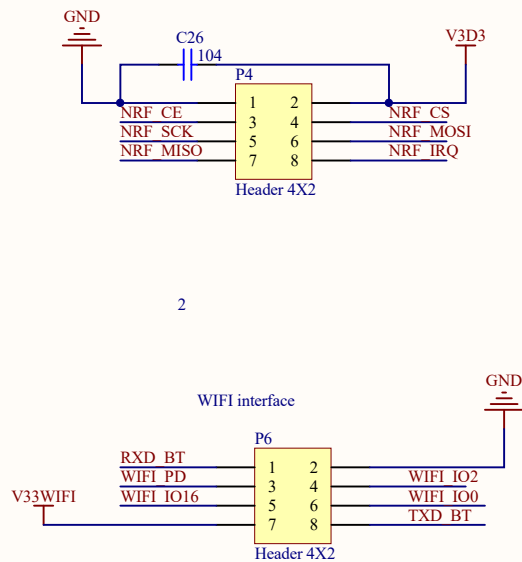


Title		
Size	Number	Revision
A4		
Date:	2016/3/8	Sheet of
File:	F:\github\03 Power.SchDoc	Drawn By:



Title		
Size	Number	Revision
A4		
Date:	2016/3/8	Sheet of
File:	F:\github\...\05 Motor.SchDoc	Drawn By:





Title		
Size	Number	Revision
A4		
Date:	2016/3/8	Sheet of
File:	F:\github\...\07 Wireless.SchDoc	Drawn By:

Bill of Materials

<Parameter Title not found>

Source Data From: Aircraft.PrjPCB
 Project: Aircraft.PrjPCB
 Variant: None

Creation Date: 2016/3/8 23:49:48
 Print Date: 42437 42437.99299

Footprint	Comment	LibRef	Designator	Description	Quantity
0402	Cap	Cap	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C30, C31	Capacitor	29
0603	1N4148	Diode 1N4148	D1	High Conductance Fast Diode	1
6-0805_N	MBR0520	D Zener	D2, D3	Zener Diode	2
HDR1X2	Header 2	Header 2	J1, J2, J3, J4, P1	Header, 2-Pin	5
0402-A	Inductor	Inductor	L1	Inductor	1
J1-0603	LED0	LED0	LED1, LED2, LED3, LED4, LED5, LED6, LED7	Typical INFRARED GaAs LED	7
HDR1X4	Header 4	Header 4	P0	Header, 4-Pin	1
HDR2X3	Header 3X2	Header 3X2	P2	Header, 3-Pin, Dual row	1
HDR1X2	battery	Header 2	P3	Header, 2-Pin	1
HDR2X4	Header 4X2	Header 4X2	P4, P6	Header, 4-Pin, Dual row	2
HDR1X6	Header 6	Header 6	P5	Header, 6-Pin	1
SOT-23_M	NPNS8050	NPN	Q1	NPN Bipolar Transistor	1
SOT-23_M	PNPS8550	PNP	Q2	PNP Bipolar Transistor	1
SOT-23_M	SI2302	SI2302	Q3, Q4, Q5, Q6		4
0402	Res3	Res3	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26	Resistor	26
SWFOOT	SW-PB	SW-PB	RESET	Switch	1
HDR1X2	sw	Header 2	SW1	Header, 2-Pin	1
LQFP48S	STM32F103	STM32F103	U1		1
SSOP16_M	CH340G	CH340G	U2		1
SOT223_M	MIC5205	MIC5205	U3, U5, U9		3
SOT-233	LM27313	LM27313	U4		1
QFN24	MPU6050	MPU6050	U6		1
MS5611 - duplicate	MS5611	MS5611	U7		1
HMC5883L	HWC5883L	HMC5883L	U8		1
Micro_USB	Micro USB	Micro USB	USB1		1
XTAL2	8MXTAL	XTAL	Y1	Crystal Oscillator	1
XTAL2	12MXTAL	XTAL	Y2	Crystal Oscillator	1

97

Approved	Notes