

POWER

LED

EEPROM

BOOT

MPU9250

MCU

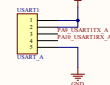
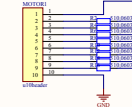
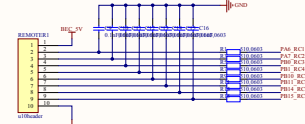
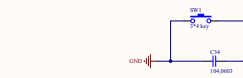
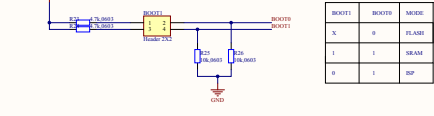
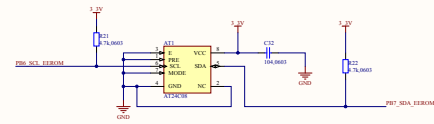
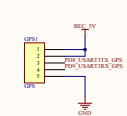
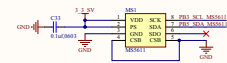
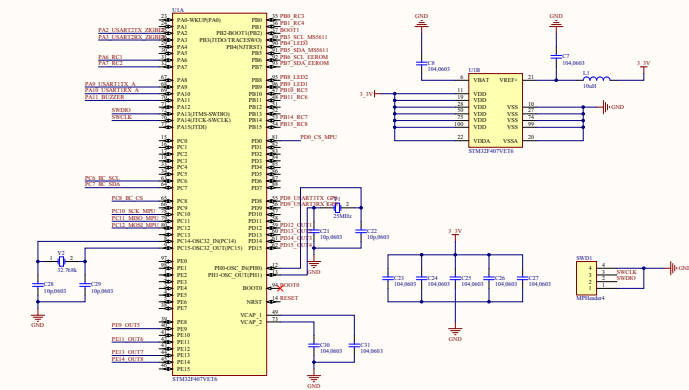
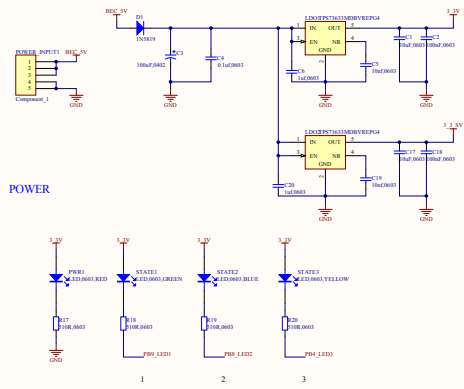
MSS611

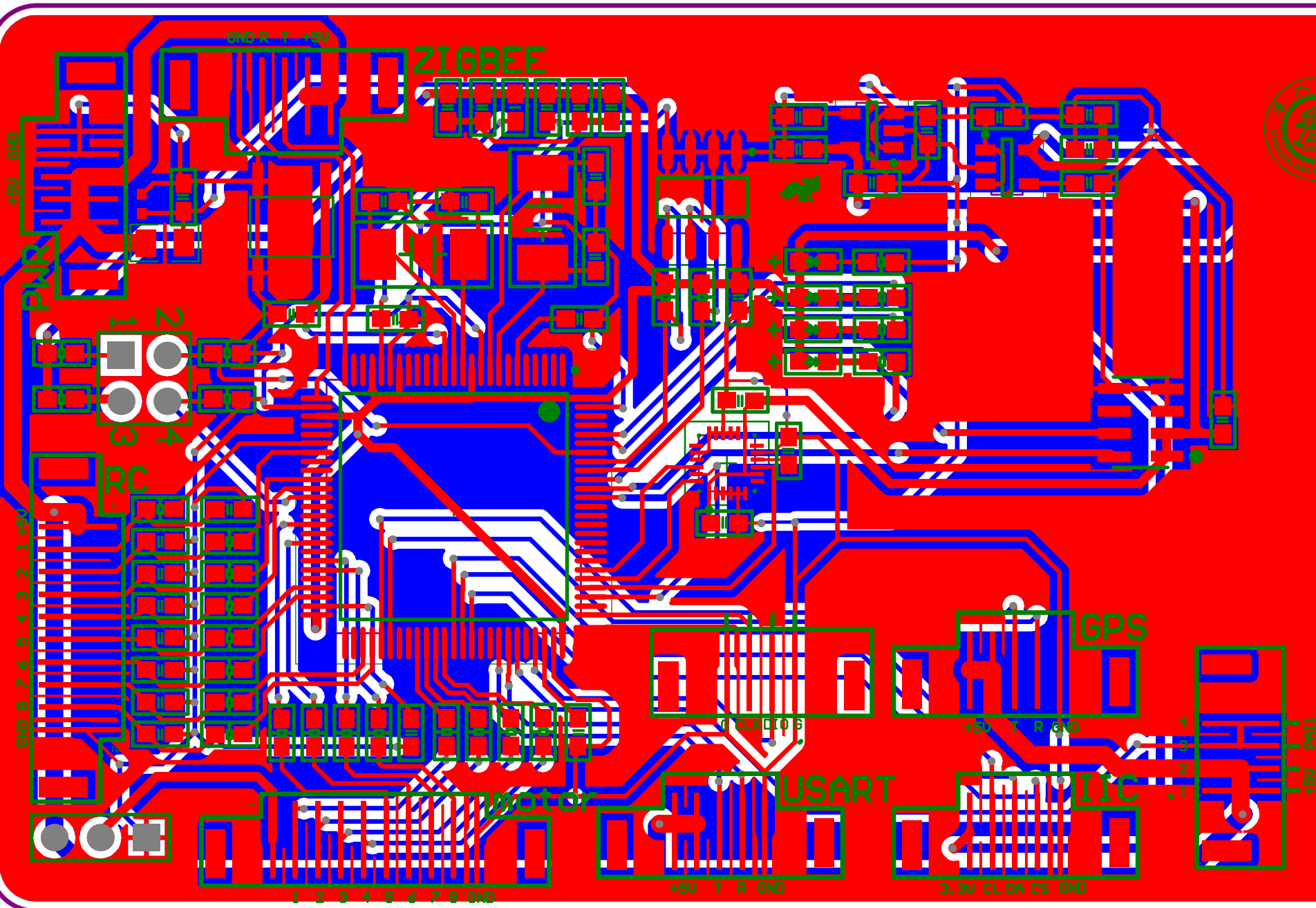
GPS

ZIGBEE

IIC_A

USART_A





Bill of Materials

<Parameter Title not found>

Source Data From: main_board.PrjPcb
Project: main_board.PrjPcb
Variant: None

Creation Date: 2017/9/4 14:24:31
Print Date: 42982 42982.60041

Footprint	Comment	LibRef	Designator	Description	Quantity
SOP8_N	AT24C08	ST24C08RB5	AT1	Serial 8K (1K x 8) EEPROM	1
HDR2X2	Header 2X2	Header 2X2	BOOT1	Header, 2-Pin, Dual row	1
DIP10	MPHeader4	MPHeader4	buzzer1, SWD1		2
C0603	10uF,0603	Cap	C1, C17	Capacitor	2
C0603	100nF,0603	Cap	C2, C18	Capacitor	2
0402	100uF,0402	Cap Pol3	C3	Polarized Capacitor (Surface Mount) 0402	1
C0603	0.1uF,0603	Cap	C4, C33, C35, C36, C37	Capacitor	5
C0603	10nf,0603	Cap	C5, C19	Capacitor	2
C0603	1uf,0603	Cap	C6, C20	Capacitor	2
C0603	104,0603	Cap	C7, C8, C23, C24, C25, C26, C27, C30, C31, C32, C34	Capacitor	11
C0603	0.1nF,0603	Cap	C9, C10, C11, C12, C13, C14, C15, C16	Capacitor	8
C0603	10p,0603	Cap	C21, C22, C28, C29	Capacitor	4
0805-1	1N5819	1N5819	D1	1N5819 肖特基二极管	1
PCBComponent_1	GPS	Component_1	GPS1		1
PCBComponent_1	IIC_A	Component_1	IIC1		1
HDR1X3	Header 3	Header 3	JUMPER1	Header, 3-Pin	1
L0603	10uH	Inductor	L1	Inductor	1
TI-DBV5_N	TPS73633MDBV REPG4	TPS73633MDBV REPG4	LDO1, LDO2	Single Output LDO, 400 mA, Fixed 3.3 V Output, 1.7 to 5.5 V Input, with Reverse Current Protection, 5-pin SOT-23 (DBV), -55 to 125 degC, Green (RoHS & no Sb/Br)	2
PCBComponent_1	u10header	Component_1	MOTOR1, REMOTER1		2
MPU9250_New	MPU9250	MPU9250	MPU1		1
MS5611	MS5611	MS5611	MS1	Sensor	1
PCBComponent_1	Component_1	Component_1	POWER_INPUT1		1
LED0603	LED,0603,RED	LED	PWR1		1
R0603	510,0603	Res2	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16	Resistor	16
R0603	510R,0603	Res2	R17, R18, R19, R20	Resistor	4
R0603	4.7k,0603	Res2	R21, R22, R23, R24	Resistor	4
R0603	10k,0603	Res2	R25, R26	Resistor	2
LED0603	LED,0603,GREEN	LED	STATE1		1
LED0603	LED,0603,BLUE	LED	STATE2		1
LED0603	LED,0603,YELLOW	LED	STATE3		1
KEY-SMT	3*4 key	SW-PB_V	SW1	SWITCH	1
STM-LQFP100_N	STM32F407VET6	STM32F407VET6	U1	ARM Cortex-M4 32-bit MCU+FPU, 210 DMIPS, 512 kB Flash, 192 kB Internal RAM, 82 I/Os, 100-pin LQFP, -40 to 85 degC, Tray	1
PCBComponent_1	USART_A	Component_1	USART1		1
5032	25MHz	XTAL	Y1	Crystal Oscillator	1
5032	32.768k	XTAL	Y2	Crystal Oscillator	1
PCBComponent_1	ZIGBEE	Component_1	ZIGBEE1		1
					89

Approved	Notes