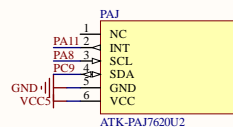
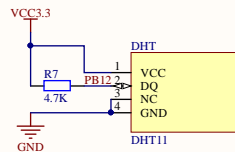


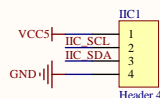
PAJ



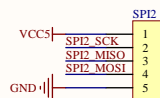
Environmental monitoring



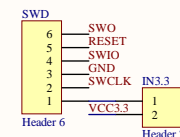
IIC



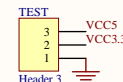
SPI



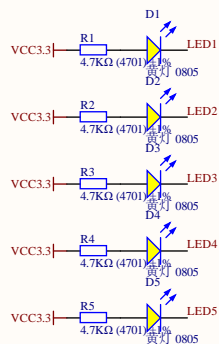
Debug



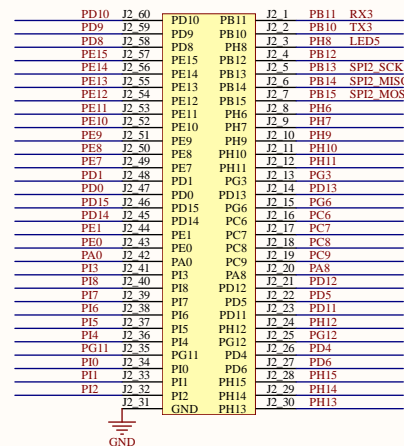
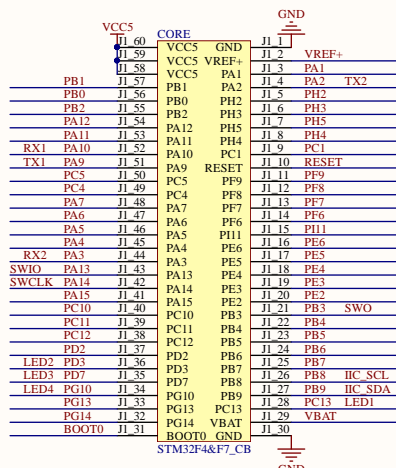
Test



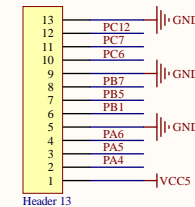
LED



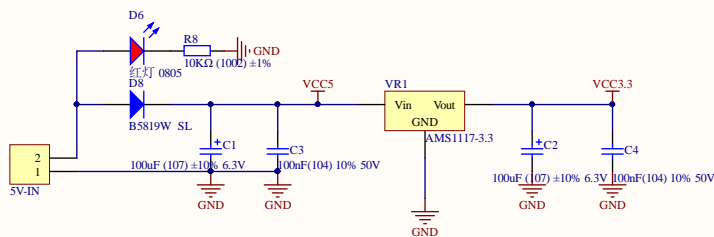
Core board interface



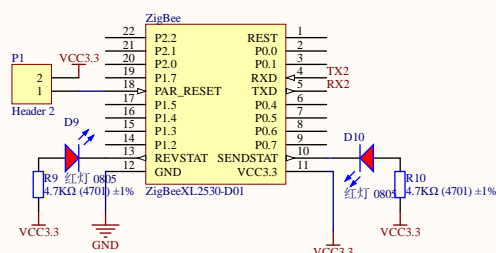
GPIO



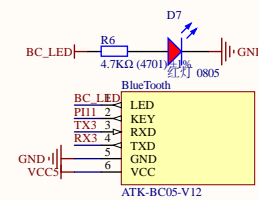
Power

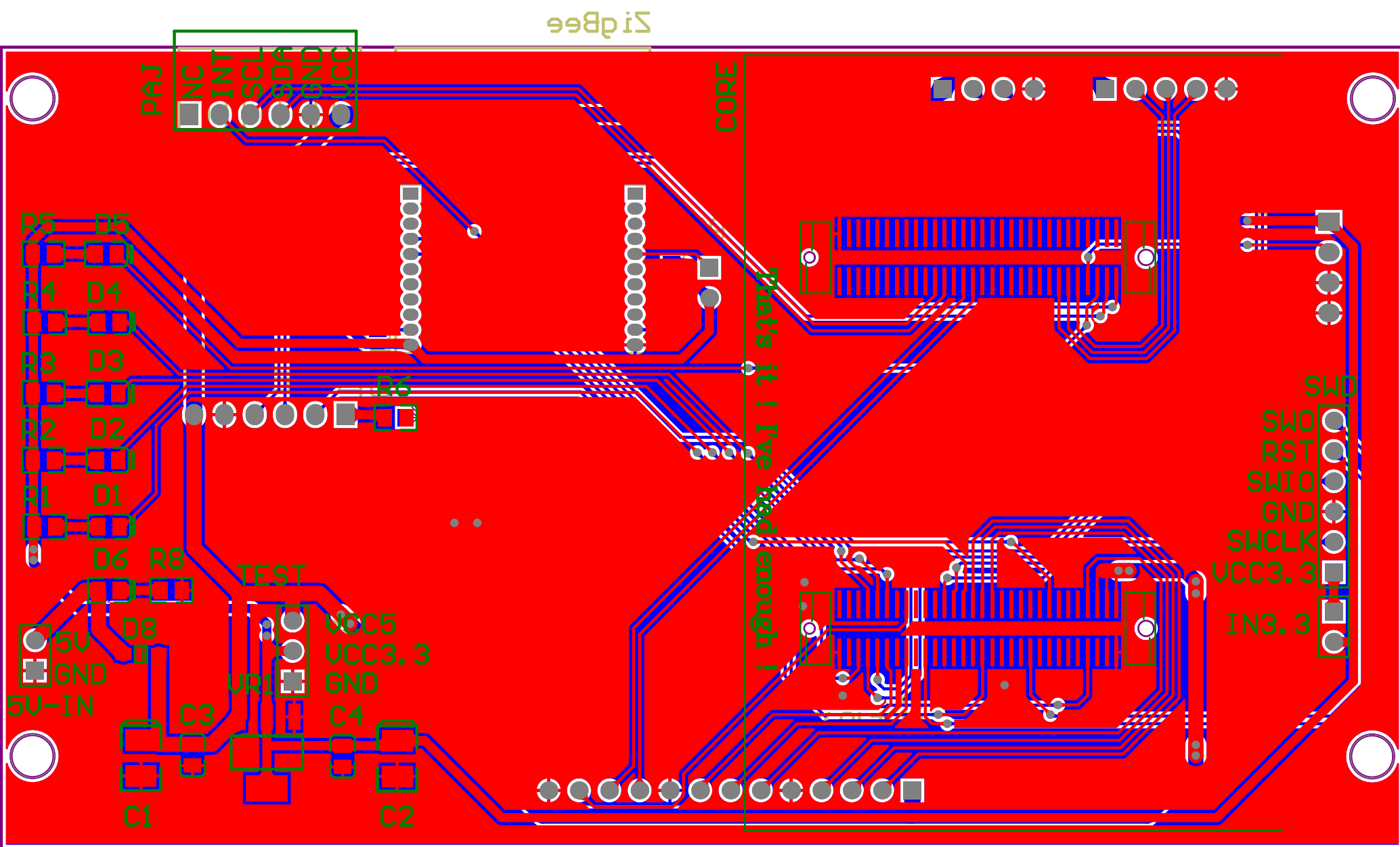


ZigBee



Bluetooth





Comment	Description	Designator	Footprint	LibRef	Quantity	Value
Header 13	Header, 13-Pin		HDR1X13	Header 13	1	
Header 2	接插件	5V-IN	HDR2X1_A	Header 2	1	
ATK-BC05-V12		BlueTooth	ATK-BC05-V12	ATK-BC05-V12	1	
100uF (107) ±10% 6.3V	钽电容	C1, C2	CASE-B_3528	3528 100uF (107) 10% 6.3V	2	
100nF(104) 10% 50V	贴片电容	C3, C4	0805_C	0805 100nF(104) 10% 50V	2	
STM32F4&F7_CB	F429/746 Core Board	CORE	STM32F4&F7_CB	STM32F4&F7_CB	1	
黄灯 0805	发光二极管	D1, D2, D3, D4, D5	0805_LED_S1	0805 黄灯	5	
红灯 0805	发光二极管	D6, D7, D9, D10	0805_LED_S1	0805 红灯	4	
B5819W SL	肖特基二极管	D8	SOD-123	SOD-123 B5819W SL	1	
DHT11		DHT	DTH11	DHT11	1	
Header 4	Header, 4-Pin	IIC1	HDR1X4	Header 4	1	
Header 2	Header, 2-Pin	IN3.3, P1	HDR1X2	Header 2	2	
ATK-PAJ7620U2		PAJ	ATK-AJ7620U2	ATK-PAJ7620U2	1	
4.7KΩ (4701) ±1%	贴片电阻	R1, R2, R3, R4, R5, R6, R9, R10	0805_R	0805 4.7KΩ (4701) 1%	8	
Res1	贴片电阻	R7	0805-1	Res1	1	4.7K
10KΩ (1002) ±1%	贴片电阻	R8	0805_R	0805 10KΩ (1002) 1%	1	
Header 5	Header, 5-Pin	SPI2	HDR1X5	Header 5	1	
Header 6	Header, 6-Pin	SWD	HDR1X6	Header 6	1	
Header 3	Header, 3-Pin	TEST	HDR1X3	Header 3	1	
AMS1117-3.3	低压差线性稳压 (LDO)	VR1	SOT-223	SOT-223 AMS1117- 3.3	1	
ZigBeeXL2530-D01		ZigBee	ZigBee XL2530- D01	ZigBeeXL2530-D01	1	