

# BOM

Model:GB-FK805TX-2.4G

Version: V1.1

Date: 2016.03.02

No.	Component Name	Specification	packaging	quantity	location	Remaark
1	PCB board	GB-FK805TX-2.4G (2016.03.02)		1	Size =96*63*1.5MM	
2	Launch IC	PMC232-S16A	SOP-16	1	U2	Moral right
3	Voltage regulator IC	X6206P332M "3.3V"	SOT-23	1	U1	
4	Boost IC	DC-DC 升压5V "E50F"	SOT-23	1	U3	
5	Patch diode	IN5819"S4"	0805	1	D1	
6	chip resistor	0R ±5%	0805	1	R1	
7	chip resistor	3.3R ±5%	0603	1	R6	
8	chip resistor	1K ±5%	0603	3	R5, R9, R12	
9	chip resistor	2.2K ±5%	0603	1	R2	
10	chip resistor	4.7K ±6%	0603	1	R4	
11	chip resistor	8.2K ±5%	0603	1	R3	
12	chip resistor	10K ±5%	0603	1	R13	
13	chip resistor	10K ±5%	0805	1	R14	
14	chip resistor	12K ±5%	0603	1	R10	
15	chip resistor	20K ±5%	0603	1	R7	
16	chip resistor	33K ±5%	0603	1	R11	
17	chip resistor	68K ±5%	0603	1	R8	
18	chip resistor	104P ±20%	0603	2	C1, C3	
19	chip resistor	10UF ±20%	0805	1	C2	
20	Patch diode	8050 "ML5"	SOT-23	1	Q1	
1	Tact Switch	6*6*5MM	height 5MM	8	K1, K2, K3, K4, K5, K6, K7, K8	
2	Tact Switch	6*6*6MM	height6MM	2	K9, K10	
3	Plug in switch	SS22E03G4		1	SW1	
4	Electrolytic capacitor	100UF ±20%	5*7	1	C4	
5	potential	16-DF-B5K1-456/B5K2-450-LL-D ±10%	45 Angle	1	RW1	(Zhuo fan flexible) four through the throttle (with only button
6	potential	J16-F-B5K1-456-LL-D ±10%	45 Angle	1	RW2	
7	light-emitting diode	3MM red band edge (short foot)	3cm	1	RLED1	Attention direction

8	Heat shrinkable sleeve	7MM		1	RLED1	
9	Color ring inductance	100UH	0410	1	L2	
10	Carbon film resistance	10K ±5%	1/8W	1	R15	
11	Clematis	15MM		1	J1	
12	Clematis	12MM		1	L1	
13	wire	1571#28 8CM 7芯镀锡线 红线		1	B+	
14	wire	1571#28 8CM 8芯镀锡线 黑线		1	GND	
15	Buzzer	KC-1201 16Ω (分体) KC-1201 16Ω (split)		1	U4	Huasheng
1	2.4G module	GB-XN297L		1	MK1	

XN297L 2.4G modul BOM

No.	Component Name	Specification	packaging	quantity	location	Remaark
1	PCB	GB-XN297L (2015-09-08) 1.0mm		1		
2	2.4Greceiver IC	XN297L	SQFN-20	1	U1	
3	chip capacitor	3.0PF ±5%	0603	1	C4	
4	chip capacitor	36PF ±10%	0603	2	C6, C7	
5	chip capacitor	102P ±20%	0603	1	C2	
6	chip capacitor	2.2UF ±20%	0603	1	C1	
1	crystal oscillator	16MHZ cylindrical ±10PPM		1	Y1	
2	PVC wire	3.3CM		1	2.4G modual	