

PART LIST

Item	P/N	Quantity	Reference	Part	Package	Description	Manufacturer
1. Capacitor							
1-01		9	C12,C13,C17,C18,C22,C23,C24,C25	0.1uF_16V_X7R_0402	0402	Capacitor,Ceramic X7R 16V 0.1UFK	YAGEO/WALSIN
1-02		1	C11	0.47uF_10V_X5R_0402	0402	Capacitor,Ceramic X5R 16V 0.47UFK	YAGEO/WALSIN
1-03		1	C16	1.5pF_50V_NPO_0402	0402	Capacitor,Ceramic NPO 50V 1.5PFC	YAGEO/WALSIN
1-04		3	C4,C5,C7	103pF_50V_X7R_0402	0402	Capacitor;Ceramic X7R_50V_103PFK	YAGEO/WALSIN
1-05		1	C28	10uF_6.3V_X5R_0603	0603	Capacitor,Ceramic X5R 6.3V 10UFM	YAGEO/WALSIN
1-06		2	C9,C20	15pF_50V_NPO_0402	0402	Capacitor;Ceramic NPO 50V 15PFJ	YAGEO/WALSIN
1-07		4	C26,C27,C29,C30	1uF_10V_X5R_0402	0402	Capacitor,Ceramic X5R 10V 1UFK	YAGEO/WALSIN
1-08		3	C6,C10,C19	2.2uF_6.3V_X5R_0402	402	Capacitor;Ceramic X5R_6.3V 2.2UFM	YAGEO/WALSIN
1-09		4	C1,C2,C3,C21	2.2uF_6.3V_X5R_0603	0603	Capacitor,Ceramic X5R 6.3V 2.2UFK	YAGEO/WALSIN
1-10		1	C8	4.7uF_6.3V_X5R_0603	0402	Capacitor,Ceramic X5R 6.3V 4.7UFK	YAGEO/WALSIN
2. Inductor & Crystal Serials							
2-01		2	L1,L2	LVS2016104R7MN	2016	Power inductor;4.7UH_20%	CHILISIN
2-02		1	L3	NC	0402	NC	
2-03		1	L5	CLH1005T15NJ SNP	0402	Inductor;15NH_5%	CHILISIN
2-04		1	Y1	26MHZ_S2520-026000-FA-9-10-TA	SMD	Quartz Crystal;26MHz_9pF 10ppm (2.5mm*2.0mm*0.6mm)	PARTRON /NDK /EPSON
3. Connector & Switch Serials							
3-01		1	J4	U-C-M5DD-W-1	DIP	CONN.(Micro USB Connector DIP) 4DIP&5PIN,DC/AC 30V/1A,9.7mm*5.9mm*2.4mm	HRO
3-02		2	S2,S3	K2-1806AN	DIP	SWITCH,DIP,2DIP&2PIN,DC 12V/50mA,F=250±30gf,4.7mm*3.5mm*1.9mm,White	HRO
4. Resistor Serials							
4-01		1	R	0RJ_5%_0402	0402	RESISTOR THICK FILM;1/16W 0RJ OHM	YAGEO/WALSIN
4-02		2	R1,R2	1.5KJ_5%_0402	0402	RESISTOR THICK FILM;1/16W 1.5KJ OHM	YAGEO/WALSIN

4-03		4	R3,R4,R5,R6	10KJ_5%_0402	0402	RESISTOR THICK FILM;1/16W 10KJ OHM	YAGEO/WALSIN
4-04		1	R7	2.2KJ_5%_0402	0402	RESISTOR THICK FILM;1/16W 2.2KJ OHM	YAGEO/WALSIN
5. Diode ,Transistor,Filter & IC serials							
5-01		1	Q1	BAT54CT_SOT-523	SOT-523	Diode ,Plastic-Encapsulate, Vbr=30V Schottky barrier Diode	JCET
5-02		1	U1	CSR8635	QFN68	Bluetooth ROM audio solution IC,QFN68, 8*8*0.9mm 0.4mm pitch	CSR
5-03		1	D1	LX161120	0603 2pin	LED,RED SMT CHIP,(1.7(L)x1.1(W)x0.6(H) mm)	Harvatek(宏齊)
5-04		1	D2	LX161119	0603 2pin	LED,Blue SMT CHIP,(1.7(L)x1.1(W)x0.6(H) mm)	Harvatek(宏齊)
5-05		2	U3,U4	PAM8303	MSOP-8	CLASS-D AUDIO POWER AMPLIFIER,2.8V \leq VDD \leq .5V	PAM
5-06		1	F	RFBPF1608070A	1608	FILTER BANDPASS 2.4GHZ ISM SMD;1.6*0.8*0.7mm, f=2450±50 MHz	WALSIN
5-07		1	U2	GD25LQ80B/40B	USON8_2*3mm	SPI FLASH IC;8M-bit/4M-bit	GD
6. Others							
6-01		1	PCB	EZ5000		PCB,FR4, T=1.2mm	