

吉翁科技物料清单

2010-03-11

1 OF 3

版本:Ver1.0

机种: ZC-WL0123-A

名称: RALINK USB无线网卡

序号	料号	品名	规格	用量	位置	备注
SMD						
1	10140M00PC143Y4	晶振	40MHZ 20PPM 15PF 4PIN 5*3.2MM SMD	1	U50	
2	1110000040214X	电阻	0Ω 0402 +/-5%	3	L26. R10. R11	
3	111001M040214X	电阻	1MΩ 0402 +/-5%	2	R235. R236	
4	111010K040214X	电阻	10KΩ 0402 +/-5%	1	R16	
5	111018K040214X	电阻	18KΩ 0402 +/-5%	1	R267	
6	11101K5040214X	电阻	1.5KΩ 0402 +/-5%	1	R163	
7	111020K040214X	电阻	20KΩ 0402 +/-5%	1	R17	
8	111027R040214X	电阻	27Ω 0402 +/-5%	1	R160	
9	11102K4040213X	电阻	2.4KΩ 0402 +/-1%	1	R30	
10	11104K7040214X	电阻	4.7KΩ 0402 +/-5%	1	R245	
11	11105K6040213X	电阻	5.6KΩ 0402 +/-1%	1	R229	
12	111100K040214X	电阻	100KΩ 0402 +/-5%	1	R1	
13	111100R040214X	电阻	100Ω 0402 +/-5%	1	R237	
14	111270R040213X	电阻	270Ω 0402 +/-1%	1	R140	
15	111390R040213X	电阻	390Ω 0402 +/-1%	1	R210	
16	111620R040213X	电阻	620Ω 0402 +/-1%	1	R9	
17	111820R040214X	电阻	820Ω 0402 +/-5%	4	R2. R3. R4. R6	
18	13100550V04021B	电容	0.5PF 50V NPO 0402 +/-0.25PF	4	C3. C13. C17. C21	
19	13100850V04021B	电容	0.8PF 50V 0402 +/-0.25PF	1	C16	
20	13101050V04021B	电容	1PF 50V NPO 0402 +/-0.25PF	1	C372	
21	13101850V04021B	电容	1.8PF 50V NPO 0402 +/-0.25PF	2	C2. C12	
22	13102250V04021B	电容	2.2PF 50V NPO 0402 +/-0.25PF	2	L8. L10	
23	13102750V04021B	电容	2.7PF 50V 0402 +/-0.25PF	1	C7	
24	13103050V04021B	电容	3PF 50V NPO 0402 +/-0.25PF	1	C1	
25	13104750V04021B	电容	4.7PF 50V NPO 0402 +/-0.25PF	1	C429	
26	13105650V04021B	电容	5.6PF 50V NPO 0402 +/-0.25PF	1	C321	
27	13110050V040211	电容	10PF 50V NPO 0402 +/-5%	2	C30. C10	
28	13110150V040211	电容	100PF 50V NPO 0402 +/-5%	2	C417. C446	
29	13110250V040212	电容	1NF 50V X7R 0402 +/-10%	3	C426. C428. C442	
30	13110325V040212	电容	10NF 25V X7R 0402 +/-10%	4	C19. C50. C419. C461	
31	13110416V040214	电容	100NF 16V Y5V 0402 +80/-20%	15	C9. C164. C165. C166. C172. C173. C244. C355. C357. C358. C359. C368. C373. C380. C381	

核准:

审核:

制表:王高寿

吉翁科技物料清单

2010-03-11

2 OF 3

版本:Ver1.0

机种: ZC-WL0123-A

名称: RALINK USB无线网卡

序号	料号	品名	规格	用量	位置	备注
32	13110450V060314	电容	100NF 50V Y5V 0603 +80%/-20%	5	C298. C300. C301. C302. C303	
33	13110510V060314	电容	1UF 10V Y5V 0603 +80%/-20%	1	C367	
34	13110610V080514	电容	10UF 10V Y5V 0805 +80%/-20%	3	C362. C366. C158	
35	13115050V040211	电容	15PF 50V NPO 0402 +/-5%	1	C453	
36	13122050V040211	电容	22PF 50V NPO 0402 +/-5%	1	C437	
37	13127050V040211	电容	27PF 50V NPO 0402 +/-5%	1	C24	
38	13133050V040211	电容	33PF 50V NPO 0402 +/-5%	1	C15	
39	13133225V040212	电容	3.3NF 25V X7R 0402 +/-10%	1	C452	
40	13139050V040211	电容	39PF 50V NPO 0402 +/-5%	1	C443	
41	13147510V080514	电容	4.7UF 10V 0805 +80%/-20%	5	C28. C409. C413. C414. C364	
42	13168050V040211	电容	68PF 50V NPO 0402 +/-5%	2	R260. R259	
43	151001N0402GQH	高频电感	1NH 0402 +/-0.3NH	3	L2. L7. L54	
44	15102N20402GQH	高频电感	2.2NH 0402 +/-0.3NH	3	L6. C11. C48	
45	15102N70402GQH	高频电感	2.7NH 0402 +/-0.3NH	3	L5. C6. L55	
46	15103N90603GQH	高频电感	3.9NH 0603 +/-0.3NH	1	L3	
47	15104N70402GQH	高频电感	4.7NH 0402 +/-0.3NH	2	C45. L4	
48	1712B00603TXXXX	LED蓝灯	普通0603蓝灯	1	D2	
49	201ZCWL0123A-GX	PCB板	ZC-WL0123-A 59*5*23.3MM 4Layer 绿色板	1		
50	2618800-J0515	IC	AME8800MEET 1.8V SOT-23 3PIN SMD	1	U29	
51	2618805-A033X	IC	AME8805AEFT 3.3V SOT-89 3PIN SMD	1	U2	
52	261AS17992-P06XX	IC	AS179-92 SC70-6PIN	1	U3	
53	271C93C66-X2X	烧录IC	AT93C66A-10TI-2.7 TSSOP 8PIN	1	U30	
54	281RT2528-XX	主芯片	Transceiver RT2528 QFN-56	1	U47	
55	281RT2571W-XX	主芯片	RT2571W BGA-180	1	U31	
56	281SST12LP14A-XX	主芯片	SST12LP14A QFN-16PIN 3*3	1	U53	
57	341AM113S4X	USB接口	沉板式AM插座 90度 S-4PIN SMT	1	J1	
58	381TSM110	电热调节器	10KΩ 0603 +/-5% TSM1A103J34D3R	1	RT1	
59	513WL01S33D1XX	屏蔽盒	Shielding Case 22*16*2MM WL01D	1		
DIP						
60	382WC113	CONNECT	RP SMA 180度	1	CON2	
附件						
61	493D2-101	天线	外置天线2.4GHZ Y111HC0048-001	1		
62	304U023XB1M5	USB数据线	A公对A母90度 USB2.0 OD4.0MM 1.5M 黑色	1		

核准:

审核:

制表:王高寿

吉翁科技物料清单

2010-03-11

3 OF 3

版本:Ver1.0

机种: ZC-WL0123-A

名称: RALINK USB无线网卡

序号	料号	品名	规格	用量	位置	备注
63	614WL01A12XX	光碟	中性 Ralink RT2571 Drivers	1		
64	4431765XK03AX	螺丝	Φ1.7*6.5MM 沉头 十字槽 自攻牙 自钻尾	2		
65	44326A0XK02AX	螺丝	Φ2.6*10MM 沉头 十字槽 自攻牙	1		
66	4831P334801N	脚垫	EVA垫 33*48.5*1.0MM	1		
67	513WL01S11K1XX	上盖	中性塑胶壳上盖 WL01B	1		
68	513WL01S12B1XX	下盖	中性塑胶壳下盖 WL01B	1		
69	513WL01S14B1XX	导光柱	中性透明导光柱 WL01B	1		
70	513WL01S15K1XX	装饰件	中性透明装饰件 WL01B	1		
71	513WL01S17B1XX	底座	塑胶底座 WL01B	1		
72	513WL01S21B1XX	帽子	塑胶帽子 WL01B	1		
73	513WL01T30B1XX	底座铁片	底座电解铁片 WL01B	1		

核准:

审核:

制表:王高寿

POS01(Rev 0.7)

No	Part Number	Part Description	1 Vender	Q'ty	Reference
1	PCB	PCB-8Layer, 1.6T, 150 X 150mm	명지전자	1	
2	ALXC800EEXJ2VC	IC-Geode LX Processor,500MHz,Memory Speed(400MHz),with EEPROM,1.2V,3W,BGU-481pin	AMD	1	U1
3	CS5536AD	IC-Geode CS5536 Companion Device,PBGA-208pin	AMD	1	U5
4	SST49LF080A-33-4C-NHE	IC-LPC Flash: 512k*8(4Mbit),33Mhz,32-pin PLCC	SST	1	U6
5	MK1491-09FLN	IC-GX2 Clock Source: 3.3V,48Mhz USB and IO support,28 pin-SSOP	ICS	1	U7
6	MIC811RUY	IC-Reset; MIC811, 2.63V(Threshold), SOT-143-4pin, Manual Reset, Active Low	MICREL	1	U8
7	LM3475MF/NOPB	IC-Hysteretic PFET Buck Controller: 2.7V~10V,2Mhz,SOT23-5 package	NATIONAL	3	U9,U10,U11
8	K4H511638F-HCB3	IC-DDR SDRAM;512Mbit(32Mx16),DDR333@CL=2.5,SSTL2,60pin FBGA	SAMSUNG	8	U12,U13,U14,U15,U46,U47,U48,U49
9	RTL8139D	IC-Ethernet controller; QFP-100pin, 3.3V, 10/100MB LAN,	Realtek	1	U17
10	93LC46BT-I/SN	IC-EEPROM; 1Kbit, only 16bit, SOIC-8pin, 2.5~5.5V, 150mil wide	Microchip	1	U18
11	ALC203_LF	IC-AUDIO CODEC: Digital-3V,Analog-3.3V/5V,48pin-LQFP package	Realtek	1	U20
12	W83697UG	IC-LPC; Advanced I/O LPC controller, 3.3V, PQFP-128pin	WINBOND	1	U23
13	AD8541ART	IC-General-Purpose CMOS Rail-to-Rail Amplifiers,SOT23	AD	1	U26
14	ELM7S08BEL	IC-ANDgate; ELM7S08, SOT23-5pin	ELM	1	U31
15	THC63LVDM83R	IC-LVDS 24Bit/18Bit COLOR HOST-LCD PANEL INTERFACE, 56PIN TSSOP	Thine	1	U32
16	LM1117MP-ADJ	IC-Regulator, Output voltage: ADJ(1.25V~13.8V), SOT-223	NATIONAL	1	U35
17	NCP2890DMR2G	IC-AUDIO POWER AMPLIFIER, 1W, 8pin, MICRO8 Package	ON SEMI	2	U41,U40
18	ADM3311	IC-Serial Port Transceiver, 2.7V~3.6V, 15kV ESD Protected, 28pin SSOP Package	AD	4	U42,U43,U44,U45
19	WB201209B300QLT40	Chip-BEAD; AB, 30ohm(100MHz), 2012 size	Walsin	18	L1,B1,B3,B7,L9,L10,L11,B11,B12,L13,L14,L15, B20,B22,B43,B73,B74,B81
20	WB160808B221QLT10	Chip-BEAD; AB, 220ohm, 1608 size	Walsin	37	B4,B21,B37,B38,B41,B42,B44,B79,B80,B82,B83, B84,B85,B86,B87,B88,B89,B90,B91,B92,B93,B94, B95,B96,B97,B98,B99,B100,B101,B102,B103,B104, B105,B106,B107,B108,B109
21	ACM2012-900-2P-T	Chip-EMC Filter:90ohm, 2.0x21.2mm	TDK	4	B39,B40,B75,B111
22	LM4041AIM3-1.2	Shunt Voltage Reference: 60uA~12mA,Vr=1.225V,SOT-23	NATIONAL	1	D1
23	B240A	Diode-2A Surface Mout Shottky Barrier Retifier;40V,SMA(2.29X4X2.01),SMT	VISHAY	2	D17,D15
24	SDB310D	Diode-Schottky; SDB310D,80V,100mA,2P,SOD-323	AUK	4	D2,D3,D14,D16
25	LL4148	Diode-HI-Speed ,SOD-80	VISHAY	1	D90
26	MBRS340T3	Schottky Power Rectifier: 40V,3.0A,SMC Package	ON SEMI	3	D4,D5,D6
27	PJGBLC05C	IC - Diode; ESD Protection, Low Capacitance;3pF, Protects One Power or I/O Port, SOD-323	PENJIT	44	D18,D19,D20,D21,D50,D51,D54,D55, D56,D57,D58,D59,D60,D61,D62,D63,D64,D65, D66,D67,D68,D69,D70,D71,D72,D73,D74,D75, D76,D77,D78,D79,D80,D81,D82,D83,D84,D85, D86,D87,D88,D89,D91,D92
28	miniSMDC200-2	Polyswitch-Overcurrent protection device, votage(6Vdc), 20 52.0A	Raychem	4	F1,F2,F3,F4
29	LTST-TC150GKT	LED-Single; CHIP,Green,Clear,1206 pkg,570nm	LightOn	1	LED1
30	SHP0735P-100A	Inductor-10uH,Rdc(83mOhm),2.6A(Max),7.5X7.5X3.5	TCE	3	L2,L3,L4
31	SI6943BDQ/NS	FET-Dual P-Channel 2.5-V (G-S) MOSFET, P-ch, -12V, -2.5A, 0.08ohm, 1.1W, TSSOP-8P	Vishay	3	Q1,Q3,Q35
32	SI4435BDY	FET-P-Channel 30-V (D-S) MOSFET,P-ch,-30V,-9.1A,0.02ohm,2.5W,SO-8	Vishay	1	Q31
33	2N7002-7-F	FET-Silicon; 2N7002, N-ch, 60V, 115mA, 7.5ohm,SOT-23	Diodes	9	Q2,Q4,Q28,Q29,Q32,Q34,Q36,Q37,Q38
34	NTGS4111PT1	MOSFET: -30V,-4.7A,Single P-Chanel,6 pin-TSOP	ON SEMI	3	Q5,Q6,Q7
35	SI4410DY	FET-Silicon; SI4410DY,Single, N-ch, 30V, SOIC-8	Vishay	2	Q33,Q30
36	ISL0124	Transformer; TX/RX=1:1,1:1, SMT-16pin, 1.27pitch, 11.6(L)x9.2(W)x5.5(H)mm	ILSIM	1	T1
37	SX-8-48MHz	CRYSTAL-SMD; 48.000MHz, 30ppm, 15PF	Sunny	1	Y1
38	CFS-308-32.768KHz	CRYSTAL-DIP; 32.768KHz, 20ppm, 28-AAW, 12.5PF	CITIZEN	1	Y2
39	SX-1-14.31818MHz	CRYSTAL-SMD; 14.31818MHz, 30ppm, 20PF	Sunny	1	Y3
40	SCO-103-25MHz	Oscillator-SMD,SCO-103,25MHz,30ppm,15pF	Sunny	1	OSC2

No	Part Number	Part Description	1 Vender	Q'ty	Reference
41	0603N100J500CT	C-CERAMIC,CHIP; 10pF, NPO, 5%, 50V, 0603 size	WALSIN	21	C543,C544,C545,C546,C547,C548,C549,C550,C551,C552,C553,C554,C555,C556,C557,C558,C559,C560,C561,C562,C563
42	0603N180J500CT	C-CERAMIC,CHIP; 18pF, NPO, 5%, 50V, 0603 size	WALSIN	8	C106,C107,C156,C157,C485,C486,C487,C488
43	0603N220J500CT	C-CERAMIC,CHIP; 22pF, NPO, 5%, 50V, 0603 size	WALSIN	3	C109,C110,C311
44	0603N330J500CT	C-CERAMIC,CHIP; 33pF, NPO, 5%, 50V, 0603 size	WALSIN	1	C413
45	0603N101J500CT	C-CERAMIC,CHIP; 100pF,NPO, 5%, 50V, 0603 size	WALSIN	34	C60,C61,C62,C63,C72,C73,C74,C75,C88,C89,C90,C91,C92,C93,C100,C101,C102,C103,C104,C105,C119,C132,C133,C134,C135,C136,C141,C142,C143,C144,C188,C197,C207,C219
46	0603N221J500CT	C-CERAMIC,CHIP; 220pF,NPO, 5%, 50V, 0603 size	WALSIN	31	C20,C21 ,C31,C32,C33,C505,C506,C507,C508,C509,C510,C511,C512,C513,C514,C515,C516,C517,C518,C529,C530,C531,C532,C533,C534,C535,C536,C537,C538,C539,C540,C541,C542
47	0603B471K500CT	C-CERAMIC,CHIP; 470pF, X7R, 10%, 50V, 0603 size	WALSIN	4	C152,C160,C465,C467
48	0603B102K500CT	C-CERAMIC,CHIP; 1nF, X7R, 10%, 50V, 0603 size	WALSIN	20	C44,C45,C56,C57,C58,C59,C68,C69,C70,C71,C118,C166,C179,C181,C189,C198,C208,C220,C288,C289
49	0603N102K202CT	C-CERAMIC,CHIP;1nF,10%,2KV,X7R,3216 size	WALSIN	1	C279
50	0603B103K500CT	C-CERAMIC,CHIP; 10nF,X7R, 10%, 50V, 0603 size	WALSIN	55	C12,C13,C36,C37,C38,C39,C41,C42,C43,C52,C53,C54,C55,C64,C65,C66,C67,C82,C83,C84,C85,C86,C87,C94,C95,C96,C97,C98,C99,C111,C112,C114,C117,C120,C127,C128,C129,C130,C131,C137,C138,C139,C140,C190,C199,C205,C209,C221,C380,C381,C382,C574,C575,C576,C577
51	0603B104K250CT	C-CERAMIC,CHIP; 100nF, 1608size, X7R, 5%, 25V	WALSIN	113	C1,C3,C9,C26,C115,C122,C146,C147,C148,C149,C151,C159,C167,C173,C174,C180,C182,C191,C192,C193,C194,C195,C200,C201,C202,C203,C204,C210,C211,C212,C213,C214,C216,C217,C222,C223,C224,C225,C226,C260,C261,C262,C263,C264,C266,C267,C268,C269,C270,C271,C272,C273,C274,C275,C276,C277,C278,C281,C310,C337,C338,C379,C385,C386,C387,C390,C391,C392,C393,C394,C400,C401,C402,C403,C404,C405,C406,C407,C408,C409,C464,C466,C473,C481,C483,C491,C493,C495,C496,C497,C498,C499,C500,C501,C502,C503,C504,C519,C520,C521,C522,C523,C524,C525,C526,C527,C528,C567,C568,C569,C570,C571,C572
52	0805F105M250CT	C-CERAMIC,CHIP;1uF,+/-20%,25V,Y5V,0805	WALSIN	21	C4,C10,C121,C169,C185,C186,C285,C286,C287,C291,C294,C298,C306,C384,C474,C477,C478,C482,C484,C494,C573
53	TAJC106K035R	C-Tantal,CHIP; 10uF,10%,35V, 6032 size	AVX	3	C2,C172,C472
54	TAJA106M016R	C-Tantal,CHIP; 10uF,20%,16V, 3216 size	AVX	11	C164,C25,C34,C35,C40,C168,C183,C184,C412,C479,C480
55	TAJA226M010R	C-Tantal,CHIP; 22uF,20%,10V, A(3216-18) size	AVX	35	C6,C11,C46,C47,C48,C49,C50,C51,C76,C77,C78,C79,C80,C81,C113,C116,C123,C124,C125,C126,C145,C176,C178,C187,C196,C206,C215,C218,C265,C280,C309,C383,C492,C565,C566
56	TAJB476M010R	C-Tantal,CHIP; 47uF,20%,10V, B(3528) size	AVX	4	C475,C476,C489,C490
57	TAJC107M010R	C-Tantal,CHIP; 100uF,20%, 10V,C(6032-28)size	AVX	8	C150,C158,C165,C175,C177,C411,C462,C463
58	TAJD107M016R	C-Tantal,CHIP; 100uF,10%,16V,D(7343-31) size	AVX	2	C170,C171
59	WB321611B121QLT40	Chip-BEAD; AB, 120ohm(100MHz), 4A, 3216 size	Walsin	1	R395
60	WR06XR000JT	C-RESISTOR, CHIP; 0ohm, 5%, 1/16W, 1608 size	WALSIN	15	R80,R192,R365,R366,R378,C388,R391,R458,R506,R508,R523,R533,R534,R537,R538
61	WR06X010JT	C-RESISTOR, CHIP; 1ohm, 5%, 1/8W, 1608size	WALSIN	4	R17,R61,R62,R63
62	WR08X010JT	C-RESISTOR, CHIP; 1ohm, 5%, 1/16W, 2012size	WALSIN	2	R368,R380

No	Part Number	Part Description	1 Vender	Q'ty	Reference
63	WR06X4R7JT	C-RESISTOR, CHIP; 4.7ohm, 5%, 1/16W, 1608 size	WALSIN	1	R129
64	WR06X100JT	C-RESISTOR, CHIP; 10ohm, 5%, 1/16W, 1608 size	WALSIN	10	R369,R370,R371,R372,R373,R374,R375,R376, R377,R379
65	WR06X220JT	C-RESISTOR, CHIP; 22ohm, 5%, 1/16W, 1608 size	WALSIN	25	R106,R109,R116,R117,R137,R138,R139,R140, R143,R144,R145,R148,R149,R150,R151,R221, R222,R223,R224,R343,R517,R528,R529,R530, R531, R532
66	WR06X330JT	C-RESISTOR, CHIP; 33ohm, 5%, 1/16W, 1608 size	WALSIN	1	R40;R41 ,R188
67	WR06X470JT	C-RESISTOR, CHIP; 47ohm, 5%, 1/16W, 1608 size	WALSIN	1	R119
68	WR06X49R9FT	C-RESISTOR, CHIP; 49.9ohm, 1%, 1/16W, 1608size	WALSIN	4	R201,R202,R203,R204
69	WR06X750JT	C-RESISTOR, CHIP; 75ohm, 5%, 1/8W, 1608 size	WALSIN	4	R42;R43;R44 ,R205,R206,R207,R208
70	WR06X101JT	C-RESISTOR, CHIP; 100ohm, 5%, 1/16W, 1608 size	WALSIN	2	R403,R507
71	WR06X1240FT	C-RESISTOR, CHIP; 124ohm, 1%, 1/16W, 1608 size	WALSIN	1	R64
72	WR06X301JT	C-RESISTOR, CHIP; 300ohm, 5%, 1/16W, 1608 size	WALSIN	1	R197
73	WR06X331JT	C-RESISTOR, CHIP; 330ohm, 5%, 1/16W, 1608 size	WALSIN	1	R157
74	WR06X3650FT	C-RESISTOR, CHIP; 365ohm, 1%, 1/16W, 1608 size	WALSIN	2	RR278,R526
75	WR06X471JT	C-RESISTOR, CHIP; 470ohm, 5%, 1/16W, 1608 size	WALSIN	2	R175,R397
76	WR06X511JT	C-RESISTOR, CHIP; 510ohm, 5%, 1/16W, 1608 size	WALSIN	2	R511,R510
77	WR06X561FT	C-RESISTOR, CHIP; 560ohm, 1%, 1/16W, 1608 size	WALSIN	1	R168
78	WR06X7680JT	C-RESISTOR, CHIP;768ohm, 1%, 1/16W, 1608 size	WALSIN	1	R398
79	WR06X102JT	C-RESISTOR, CHIP; 1Kohm, 5%, 1/16W, 1608 size	WALSIN	15	R46,R48,R50,R52,R54,R74,R198,R114,R115,R120, R123,R162,R166,R428,R429
80	WR06X102FT	C-RESISTOR, CHIP; 1Kohm, 1%, 1/16W, 1608 size	WALSIN	2	R169,R170
81	WR06X112FT	C-RESISTOR, CHIP; 1.1Kohm, 1%, 1/16W, 1608 size	WALSIN	1	R164
82	WR06X1211FT	C-RESISTOR, CHIP; 1.21Kohm, 1%, 1/16W, 1608 size	WALSIN	1	R23
83	WR06X222JT	C-RESISTOR, CHIP; 2.2Kohm, 5%, 1/16W, 1608 size	WALSIN	4	R75,R76,R86,R87
84	WR06X2151FT	C-RESISTOR, CHIP; 2.15Kohm, 1%, 1/16W, 1608 size	WALSIN	1	R163
85	WR06X3161FT	C-RESISTOR, CHIP; 3.16Kohm, 1%, 1/16W, 1608 size	WALSIN	1	R167
86	WR06X342FT	C-RESISTOR, CHIP; 3.4Kohm, 1%, 1/16W, 1608 size	WALSIN	1	R91
87	WR06X472JT	C-RESISTOR, CHIP; 4.7Kohm, 5%, 1/16W, 1608 size	WALSIN	35	R57,R58,R59,R60,R71,R72,R73,R77,R124,R125,R126, R128,R194,R402,R436,R437,R438,R439,R440,R441, R442,R443,R444,R445,R446,R447,R448,R449,R450, R451,R452,R453,R454,R455,R456
88	WR06X562JT	C-RESISTOR, CHIP; 5.6Kohm, 5%, 1/16W, 1608 size	WALSIN	2	R112,R113
89	WR06X103JT	C-RESISTOR, CHIP; 10Kohm, 5%, 1/16W, 1608 size	WALSIN	64	R1,R2,R3,R4,R5,R6,R7,R8,R14,R15,R19, R25; R26 ,R56,R65,R66,R67,R68,R69,R70,R78,R79, R81,R83,R84,R85,R88,R89,R90,R93,R94,R99, R100,R103,R104,R105,R107,R108,R110,R111, R130,R131,R132,R133,R134,R154,R165,R189, R190,R191,R193,R199,R200,R361,R362,R363, R381,R383,R400,R404,R406,R407,R426,R431, R516,R518
90	WR06X103FT	C-RESISTOR, CHIP; 10Kohm, 1%, 1/16W, 1608 size	WALSIN	2	R10,R9
91	WR06X203JT	C-RESISTOR, CHIP; 20Kohm, 5%, 1/16W, 1608 size	WALSIN	2	R423,R425
92	WR06X203FT	C-RESISTOR, CHIP; 20Kohm, 1%, 1/16W, 1608 size	WALSIN	2	R424,R422
93	WR06X104JT	C-RESISTOR, CHIP; 100Kohm, 5%, 1/16W, 1608 size	WALSIN	55	R11,R13,R121,R155,R171,R174,R338,R401,R421,R430 R432,R433,R434,R435,R460,R461,R462,R463,R473, R474,R475,R476,R477,R478,R479,R480,R481,R482, R483,R484,R485,R486,R487,R489,R490,R491,R492, R493,R494,R495,R496,R497,R498,R499,R500,R501, R502,R503,R504,R512,R513,R514,R515,R521,R522
94	WR06X204FT	C-RESISTOR, CHIP; 200Kohm, 1%, 1/16W, 1608 size	Walsin	2	R340,R341
95	WR06X274JT	C-RESISTOR, CHIP; 270Kohm, 5%, 1/16W, 1608 size	Walsin	1	R339
96	WR06X474JT	C-RESISTOR, CHIP; 470Kohm, 5%, 1/16W, 1608 size	Walsin	1	R427
97	WR06X105JT	C-RESISTOR, CHIP; 1Mohm, 5%, 1/16W, 1608 size	WALSIN	1	R102

No	Part Number	Part Description	1 Vender	Q'ty	Reference
98	WR06X226JT	C-RESISTOR, CHIP; 22Mohm, 5%, 1/16W, 1608 size	WALSIN	1	R92
99	WA04X330JT	R-NETWORK; 33ohm,5%,1/16W,L,CHIP,8P,3216(1608X4ea)	Walsin	27	RA1,RA2,RA3,RA4,RA5,RA6,RA7,RN1,RN4,RN5, RN6,RN9,RN10,RN11,RN13,RN14,RN15,RN17, RN18,RN19,RN20,RN21,RN22,RN23,RN24,RN25, RN26
100	WA04X220JT	R-NETWORK; 22ohm,5%,1/16W,L,CHIP,8P,3216(1608X4ea)	Walsin	12	RN2,RN7,RN8,RN12,RN16,RN27,RN28, RN29, RN30,RN31,RN32,RN33
101	ALP1205S	SWITCH - Electromagnetic Buzzer, 3~7V	ANY	1	BZ1
102	DS1096-WN0	JACK- USB, Dual, 1.5A, 250V	CONNFLY ELECTRONIC	1	USB1
103	2208R-26G	Connector-Header;Dual Right angle, 26pin(2 X 13)	Neltron	1	J2
104	780-72-00GF51	Battery Holder-AC/DC 125V, 1A	PINREX	1	J3
105	2208S-44G	Connector-Header; IDE-44, 2.0mm, 2ROW, DIP type	NELTRON	1	J6
106	TC38-102-06	JACK-3.5mm stereo Jack	Tai Chung	1	J8
107	12505WS-07A00	Connector-1.25mm Pitch Wire to Board Header,Straight ,10pin	Yeonho	2	J14,J23
108	12507WR-30	Connector-1.25mm Pitch Wire to Board Header,Right Angle,30pin	Yeonho	1	J15
109	HA124-6P6C-B-3(RJ11)	JACK- RJ11, 6P6C, 1.5A, 125V	HAEAM	1	J16
110	12505WS-04A00	Connector-1.25mm Pitch Wire to Board Header,Straight ,4pin	Yeonho	1	J17
111	12505WS-05A00	Connector-1.25mm Pitch Wire to Board Header,Straight ,8pin	Yeonho	1	J24
112	2210S-03G	Connector-Header; 2.0mm, 3pin, 1ROW, DIP type	NELTRON	4	J25,J26,J29,J30
113	360SL-1811-13001	JACK-Modular Jack, 1.5A, 150V	Fine Jack Industrial	4	J27,J28,J31,J32
114	5JA88-1112101	Connector-Jack with LED Single Port Full Packed, Dip Type	YTE	1	U19
115	MCP-3-001A	JACK-DIN Power Jack, DC 50V,0.5A	Changsung	1	J33
116	53014-0410	Connector,DIP, 2.0mm Pitch Wire to Board Header, 4pin	MOLEX	1	J34
117	CR2032	Battery-3V	CHANGZHOU	1	
118	CS01502A	2mm 3핀 점퍼	CVILUX	4	
119	서포터	플래시 보드 체결용		1	
120	나사	플래시 보드 체결용		2	
121	12505WS-12	Connector- 12P, SMD-S/T, 1.25mm	Yeonho	1	J13
합계				870	