

Docu_No.		Rev.	1.0.10	PARTS LIST			
Date	2004. 11. 24.						
Depart.	Wireless LAB #3 in R&D Center						
Officer	INYOUNG, LEE						
Model	WLAN CABLE ACCESS POINT 6220 CSU			CODE			
No	Articles	Descriptions		Vender P/N	Vender	Q'ty	Note
1	AP Module	Based on STPC Elite Processor, Turbocell™ Mode		AP6220-B4-R1-V1	MTI	1	
2	WLAN Card Module	IEEE 802.11b, Mini PCI Type III, Agere Hermes II Chip Set		MP-B-AG-00	USI	1	
3	CSU Power Module	AP Board Power & PoE PD Function		AP-1206	Apro	1	
4	CASE	Aluminum Diecasting, With Bolt & Nut & Washer, & Ethernet Connector		MWCSU-N0100	MTI	1	
5	Antenna	Freq. 2.4~2.4835GHz, 12dBi Gain, 35 X 35 mm		ET-PR12	EMC Tech	1	
6	RF Assy Cable	U.FL-LP-068-A-130-SMB(M) ST (50ohm), 130mm, Hirose, With TDK Ferrite Cores(RH4.2 X 9.2 X 1.2) & Rubber Ring		SMB-Hi-Mini-1	TMS Korea	1	

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No	Articles	Descriptions		Vender P/N	Vender	Q'ty	Note
1	PCB	APU IV(MiniPCI type), 1.6 t, FR-4, 6L, 140x117, V1.0		AP6220-B4-R1	CAC Tehc	1	
2	IC CPU	x86 Processor, Upto 133MHz, PBGA, IND-TEMP		STPCE1HEBI	ST	1	
3	IC Logic	3.3V Zero Delay CLK Buffer, 8-SOIC, IND-TEMP		IDT2305-1DCI	IDT	1	
4	IC Memory	2MX32, SDRAM, TSOP-86, IND-TEMP		MT48LC2M32B2TG-7IT	Micron	2	
5	IC Memory	4MBIT, FLASH, PLCC32, IND-TEMP		M29W040B90K6	ST	1	
6	IC Logic	74HC273PW OCTAL D-Flip Flop, TSSOP20		SN74HC273PWR	TI	1	
7	IC Sensor	LM75 DIG TEMP SENSOR Mini SOIC SO-8		LM75C1MM-3	National	1	
8	IC Supervisor	LM3706 MPROCES SUPERV CKT 9L MICRO SMD		LM3706XQBP-308	National	1	
9	IC Fixed Reg.	LP3962 2.5V POS REGULATOR SOT-223		LP3962EMP(X)-2.5	National	1	
10	IC Logic	74AC245 OCT BUS 3-OUT TRANCEIV TSSOP20		SN74AC245PW(R)	TI	2	
11	IC Logic	74AC00 QUADRUPLE 2-IN NAND GATE TSSOP14		SN74AC00PWR	TI	1	
12	IC Converter	DP83815DUJB 10/100 MB/S PCI CONTR BGA160		DP83815DUJB	National	1	
13	IC Interface	LF8505R 10/100 1-PORT XFORMER MOD SO-16		LF8505R	Delta	1	
14	Connector Molex	PIN HEADER ASSY 50 POS SMT COMPACT FLASH		53856-5018	Molex	1	
15	Connector Molex	PIN HEADER ASSY 124 POS SMT Mini PCI, 5.2mm Height		1318916	AMP	1	
16	Connector Molex	Header TIN T/H, 6P(3X2), 2mm, Male, Vertical		68123-0611	Molex	1	

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17	Connector Molex	Header TIN T/H, 14P(2X7), 2mm, Male, Vertical	68123-1411	Molex	1	
18	Connector Molex	Header TIN T/H, 10P(2X5), 2mm, Male, Vertical	68123-1011	Molex	1	
19	Connector Molex	Header TIN T/H, 16P(2X8), 2.54mm, Male, Right Angle	68125-1621	Molex	1	
20	Inductor Chip Bead	FER Bead, 120ohm, 3AMP, 1206	BLM31PG121SN1B	Murata	2	
21	Inductor Chip Bead	FER EMI Bead, 68ohm, 1AMP, 0603	MI0603J680R-00	Steward	7	
22	Crystal	14.3MHz, SMD, FPX143	FPX143TR	Fox	1	
23	Crystal	25MHz, SMD, HC-49	FoxSD/250F-20/TR	Fox	1	
24	Buzzer	12mm Piezo Buzzer(Rated Voltage : 3V)	XCMT12F2403P	KKE	1	
25	Diode	BAW56 COM-A SOT-23 (A1) DUAL DIODE TR	BAW56LT1	On Semi	1	
26	Heat Sink	30 X 30 mm, Heat Sink	TSC029006	TEI	1	
27	Heat Sink	13 X 13 mm, Heat Sink	1308-13(B)	Sink Tech	1	
28	Tactile Switch	SUBMINIATURE Vertical RAD SPST SWITCH, SMD type	KTP1138	KKE	1	
29	TR	MMST3904 GEN PURP NPN TRANSISTOR SOT-23	MMBT3904	Fairchild	1	
30	TR	TN0200T 20V N-CHAN MOSFET SOT-23 TR	NDS351N	Fairchild	2	
31	Chip LED	BRPG1211 SMT RED/GREEN BI-COLOR LED	KPTB-1615ESGC	King Bright	4	
32	Chip LED	SMT 0603 GREEN CHIP LED	KP-1608SGC	King Bright	1	
33	Capacitor Chip	Ceramic, 10pF, ±5%, 50V, C0G/NPO, 0603	GRM1885C1H100JA01D	Murata	1	
34	Capacitor Chip	Ceramic, 15pF, ±5%, 50V, C0G/NPO, 0603	GRM1885C1H150JA01D	Murata	2	
35	Capacitor Chip	Ceramic, 0.1uF, ±10%, 16V, X7R, 0603	GRM188R71C104KA01D	Murata	41	

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36	Capacitor Chip	Ceramic, 0.01uF, ±10%, 50V, X7R, 0603	GRM188R71H103KA01 D	Murata	29	
37	Capacitor Chip	Ceramic, 27pF, ±5%, 50V, NPO, 0603	GRM1885C1H270JA01D	Murata	2	
38	Capacitor Chip	Ceramic, 2200pF, ±10%, 50V, X7R, 0603	GRM188R71H222KA01 D	Murata	4	
39	Capacitor Chip	Ceramic, 220pF, ±10%, 50V, X7R, 0603	GRM188R71H221KA01 D	Murata	14	
40	Capacitor Chip	Ceramic, 470pF, ±10%, 50V, X7R, 0603	GRM188R71H471KA01 D	Murata	12	
41	Capacitor Chip	Ceramic, 51pF, ±10%, 50V, X7R, 0603	GRM188R71H510KA01 D	Murata	4	
42	Capacitor	RAD Leaded Ceramic, 1000pF, ±20%, 3kV, Z5U	30GAD10	CERA- MITE/VISHAY	2	
43	Capacitor Tantal	Tantalum, 33uF, ±20%, 10V, 3528(CASE B)	TAJB336M010R	AVX/KYOCERA	5	
44	Capacitor Tantal	Tantalum, 10uF, ±10%, 6.3V, 3216(CASE A)	TAJA106K006R	AVX/KYOCERA	2	
45	Capacitor Tantal	Tantalum, 22uF, ±20%, 10V, 3528(CASE B)	TAJB226M010R	AVX/KYOCERA	2	
46	Capacitor Tantal	Tantalum, 100uF, ±20%, 6.3V, 3528(CASE B)	TAJB107M006R	AVX/KYOCERA	2	
47	Resister Array Chip	Thick Film, 10kohm, ±5%, 0603, 4P	MNR14E5ABJ103	ROHM	5	
48	Resister Array Chip	Thick Film, 47kohm, ±5%, 0603, 4P	EXB-V8V473JV	PANASONIC	12	
49	Resister Array Chip	Thick Film, 510ohm, ±5%, 0603, 4P	EXB-V8V511JV	PANASONIC	2	
50	Resister Array Chip	Thick Film, 22ohm, ±5%, 0603, 4P	EXB-V8V220JV	PANASONIC	9	
51	Resistor Chip	Thick Film, 22ohm, ±5%, 1/16W, 0603	ERJ-3GEYJ220V	PANASONIC	7	
52	Resistor Chip	Thick Film, 4.7kohm, ±5%, 1/16W, 0603	ERJ-3GEYJ472V	PANASONIC	8	
53	Resistor Chip	Thick Film, 9.31kohm, ±1%, 1/8W, 0805	MCR10EZH9.31K	ROHM	1	
54	Resistor Chip	Thick Film, 51ohm, ±5%, 1/8W, 0805	ERJ-6GEYJ510V	PANASONIC	4	

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55	Resistor Chip	Thick Film, 75ohm, $\pm 5\%$, 1/10W, 0805	ERJ-6ENF75R0V	PANASONIC	2	
56	Resistor Chip	Thick Film, 5100ohm, $\pm 5\%$, 1/16W, 0603	ERJ-3EKF511V	PANASONIC	1	
57	Resistor Chip	Thick Film, 10ohm, $\pm 5\%$, 1/10W, 0603	ERJ-3GEYJ100V	PANASONIC	4	
58	Resistor Chip	Thick Film, 2.2kohm, $\pm 5\%$, 1/16W, 0603	ERJ-3GEYJ222V	PANASONIC	1	
59	Resistor Chip	Thick Film, 1kohm, $\pm 5\%$, 0.06W, 0603	ERJ-3EKF1001V	PANASONIC	5	
60	Resistor Chip	Thick Film, 10kohm, $\pm 5\%$, 1/16W, 0603	ERJ-3EKF1002V	PANASONIC	5	
61	Resistor Chip	Thick Film, 33ohm, $\pm 5\%$, 1/16W, 0603	ERJ-3GEYJ330V	PANASONIC	4	
62	Resistor Chip	Thick Film, 47kohm, $\pm 5\%$, 1/16W, 0603	ERJ-3GEJ473V	PANASONIC	10	
63	Resistor Chip	Thick Film, 0ohm, $\pm 5\%$, 1/10W, 0805	MCR10EZHJ000	ROHM	2	
64	Resistor Chip	Thick Film, 0ohm, $\pm 5\%$, 1/10W, 0603	ERJ-3GEYJ000V	PANASONIC	1	
65	Resistor Chip	Thick Film, 1Mohm, $\pm 5\%$, 1/10W, 0603	ERJ-3GEYJ105V	PANASONIC	1	
66	Fuse	LDP + Lead Frame, 63V 1A, SMD. 0805	BA-100-1A	Save	2	
67	Socket	PLCC32 Socket, 1.27mm, SMD	PLCC 32 SMD	ShinHwa Tech	1	

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No	Articles	Descriptions		Vender P/N	Vender	Q'ty	Note
1	PCB	PCB FR-4 1.6t 1oz 140*34		1206M	WSE	1	
2	IC Regulator	LM75 DIG TEMP SENSOR Mini SOIC SO-8		LM2576HVS-3.3	NATIONAL	1	
3	Connector	RADIO JACK		DTD-0017	DIH TAN	1	
4	Connector	CONNECTOR, 2X 8, 2.54mm Female, Right Angle		TDH-254-08(SR)	Misung	1	
5	Connector	MODULAR JACK , Right Angle, Shield		RJ45-S-1P-RA-E5J88	Hsuanmao	1	
6	IC Rectifier	DF1501 SMD 100V 1.5A RECTIFIER		DF1501S	Diodes Inc.	3	
7	TR IC	DIODE SCHOTTKY 3A 100V SMC TR		30BQ100	IR	1	
8	TR IC	DIODE SCHOTTKY 24V Y-Cap TR		KDZ24V-Y	Motorola	1	
9	TR IC	DIODE SCHOTTKY 5.6V USC TR		KD5.6V(USC)	KEC	1	
10	Fuse	FUSE RESETTABLE 250C3A HOLD RADIAL		SS5C-3A_AC250V	SAVEFUSE	1	
11	Inductor	82uH 20% 1.95A SMD Inductor		CDRH127-820MC	Sumida	1	
12	Coil	1.5 UH 20% SMD CHOKE COIL		ELL-6RH1R5M	PANASONIC	1	
13	EMI Filter	Multi Line Board Mount Filters, SMD type		29F04180SR	STEWARD	2	
14	Choke	COMMON MODE CHOKE		CM2545X171R-00	STEWARD	1	
15	Thermister	Inrush Current Limiting Tehrmister		10D-9	NTC	1	
16	Resistor Carbon	Carbon, 47ohm, ±10%, 1/4W		1/4W 47 F	KYUNGIL	2	

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17	Resistor Chip	Thick Film, 43kohm, ±5%, 1/16W, 2012	2012 43K J	Samsung	1	
18	Resistor Chip	Thick Film, 200kohm, ±5%, 1/16W, 2012	2012 200K J	Samsung	1	
19	Resistor Chip	Thick Film, 30kohm, ±5%, 1/16W, 2012	2012 30K J	Samsung	1	
20	Resistor Chip	Thick Film, 47kohm, ±5%, 1/16W, 2012	2012 47K J	Samsung	1	
21	Resistor Chip	Thick Film, 1kohm, ±5%, 1/16W, 2012	2012 1K J	Samsung	1	
22	Electrolytic Capacitor	1000 UF 1kV 20% ALUM ELECT RAD CAPACITOR	1KV 102	Samhwa	2	
23	Capacitor Chip	Ceramic, 100uF, 63V, 10X10.5	REV63V 100uF	REBYCON	2	
24	Capacitor Chip	Ceramic, 10uF, 50V, 6.5X5.5	REV50V 10uF	REBYCON	2	
25	Capacitor Chip	Ceramic, 330uF, 6.3V, 6.5X5.5	REV6.3V 330uF	REBYCON	3	
26	Capacitor Chip	Ceramic, 100uF, 50V, 3216	3216-50V105	Philips	4	
27	Capacitor Chip	Ceramic, 10uF, 100V, 3216	3216-100V104	Philips	3	
28	Capacitor Chip	Ceramic, 10uF, 50V, 2012	2012-50V104	Philips	2	