

DOC. No	AD-HW-BOM-A06-J1-품044				Rev.	0.1					Model Name	AVP-2000B(Craadle AP)					S/W Rev : 1.0.6	Assy Rev : 0.1
No.	Assembly				Acrowave CAT.NO	Quantity					Unit	Discription	Vendor Part. No.	Part Dev.	Ref. Destination		Vendor	Other
	A	B	C	D		M1	M2	M3	M4	M5								
1	A1	B1	C1	D1		1					EA	PCB, 105mmX65mm, 4 layer, 1.6T	Rev 0.1 2006.09.29	S			(주)아리텍	
2				D2		1					EA	IC, SOP-16, FLASH,SERIAL 1M	M26P16-VMF6TP	A,I	U7		STM	Top
3				D3		1					EA	RF PA, 2.4GHz	SST12LP14	A	U8		SST	Top
4				D4		1					EA	IC,T8OP 64pin, SDRAM X16 16MByte	IC42S16800-7T	A	U5		ICSI	Bottom
6				D5		1					EA	CPU+MAC+TRANS,BGA 484,Processor	AR2316	A	U6		Atheros	Top
6				D6		1					EA	IC, 10/100 Phy Transceiver AutoMDIX TQSP-48	IP101	A	U8		ICPLUS	Top
7				D7		1					EA	SHOTTKY RECTIFIER	SS34	A	D1		FAIRCHILD	Top
8				D8		1					EA			A	U9			Top
9				D9		1					EA	160KHz, 2A PWM Buck DC/DC Converter	AP1509	A	U2		ANACHIP	Top
10				D10		1					EA	RF DPDT SWITCH, 2.4GHz 전용	MASWSS0130	A	S1		MA/COM	Top
11				D11		1					EA	XTAL,SMD,26MHz,2pin,+/- 30ppm	ECS-260-18-6P-F	A	X1		ECS Inc. ANY	Top
12				D12		1					EA	XTAL,SMD,40MHz,4pin,+/- 6x3.2 18ppm, Cl 18pF	CXC0X40.0000FDVRG00	A	Y1		PARTRON	Top
13				D13		8					EA	Array Resistor, 4X0402, 66ohm, +/-6%	MNR04M0ABJ660	B	RP1,RP2,RP3,RP4,RP5, RP6,RP7,RP8		ANY	Top
14				D14		6					EA	Chip RESISTOR, 0 ohm, 1006, 6%	CR10B000JT	B	R32,R46,R63,R66,R69,C98		R. G. Allen Co. ANY	Top
16				D16		1					EA	Chip RESISTOR, 0 ohm, 1006, 6%	CR10B000JT	B	R7		R. G. Allen Co. ANY	Bottom
16				D16		1					EA	Chip RESISTOR, 1 ohm, 2012, 6%	CR20B010JT	B	R66		R. G. Allen Co. ANY	Bottom
17				D17		1					EA	Chip RESISTOR, 10 ohm, 1006, 6%	CR10B100JT	B	R67		R. G. Allen Co. ANY	Top

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	A	B	C	D		M1	M2	M3	M4	M5									
18				D18		4					EA	Chip RESISTOR, 10 ohm, 1006, 5%	CR10B100JT	B	R17,R18,R22,R26	R. G. Allen Co. ANY	Bottom		
19				D19		2					EA	Chip RESISTOR, 49.9 ohm, 1006, 1%	CR10B49R9FT	B	R60,R80	R. G. Allen Co. ANY	Top		
20				D20		4					EA	Chip RESISTOR, 49.9 ohm, 1006, 1%	CR10B49R9FT	B	R8,R16,R16,R19	R. G. Allen Co. ANY	Bottom		
21				D21		9					EA	Chip RESISTOR, 66 ohm, 1006, 5%	CR10B660JT	B	R27,R28,R36,R37,R38,R41,R42,R43, R61	R. G. Allen Co. ANY	Top		
22				D22		1					EA	Chip RESISTOR, 100 ohm, 1006, 1%	CR10A1000FT	B	R69	R. G. Allen Co. ANY	Top		
23				D23		1					EA	Chip RESISTOR, 200 ohm, 1006, 5%	CR10B201JT	B	R70	R. G. Allen Co. ANY	Top		
24				D24		3					EA	Chip RESISTOR, 610 ohm, 1006, 5%	CR10B611JT	B	R64,R76,R76	R. G. Allen Co. ANY	Top		
26				D26		7					EA	Chip RESISTOR, 1 Kohm, 1006, 5%	CR10B102JT	B	R9,R10,R11,R12,R13,R14, R20	R. G. Allen Co. ANY	Bottom		
26				D26		1					EA	Chip RESISTOR, 1.1 Kohm, 1006, 5%	CR10B112JT	B	R2	R. G. Allen Co. ANY	Bottom		
27				D27		1					EA	Chip RESISTOR, 2 Kohm, 1006, 5%	CR10B202JT	B	R1	R. G. Allen Co. ANY	Bottom		
28				D28		8					EA	Chip RESISTOR, 4.7 Kohm, 1006, 5%	CR10B472JT	B	R29,R30,R33,R34,R36,R39,R40,R47	R. G. Allen Co. ANY	Top		
29				D29		1					EA	Chip RESISTOR, 4.7 Kohm, 1006, 5%	CR10B472JT	B	R61	R. G. Allen Co. ANY	Bottom		
30				D30		2					EA	Chip RESISTOR, 6.1 Kohm, 1006, 5%	CR10B612JT	B	R77,R78	R. G. Allen Co. ANY	Top		
31				D31		3					EA	Chip RESISTOR, 6.1 Kohm, 1006, 5%	CR10B612JT	B	R23,R24,R26	R. G. Allen Co. ANY	Bottom		
32				D32		1					EA	Chip RESISTOR, 6.2 Kohm, 1006, 1%	CR10A6901FT	B	R21	R. G. Allen Co. ANY	Bottom		
33				D33		1					EA	Chip RESISTOR, 6.19 Kohm, 1006, 1%	CR10A6191FT	B	R49	R. G. Allen Co. ANY	Top		
34				D34		2					EA	Chip RESISTOR, 10K, 1006, 5%	CR10B103JT	B	R31,R44	R. G. Allen Co. ANY	Top		

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	A	B	C	D		M1	M2	M3	M4	M5								
35				D35		1					EA	Chip RESISTOR, 15K, 100s, 5%	CR10B153JT	B	R62	R. G. Allen Co. ANY	Top	
36				D36		1					EA	Chip RESISTOR, 75K, 100s, 5%	CR10B753JT	B	R60	R. G. Allen Co. ANY	Top	
37				D37		3					EA	Chip RESISTOR, 100K, 100s, 5%	CR10B104JT	B	R45,R71,R72	R. G. Allen Co. ANY	Top	
38				D38		2					EA	Chip CAPACITOR, 0.5pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN0R5C	B	C65,R55	ROHM ANY	Top	
39				D39		4					EA	Chip CAPACITOR, 1pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN010C	B	C66,C68,C100,C109	ROHM ANY	Top	
40				D40		3					EA	Chip CAPACITOR, 1.2pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN1R2C	B	C103,C107,C112	ROHM ANY	Top	
41				D41		4					EA	Chip CAPACITOR, 2.2pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN2R2C	B	C48,C73,C74,C96	ROHM ANY	Top	
42				D42		3					EA	Chip CAPACITOR, 2.4pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN2R4C	B	C88,C89,C90	ROHM ANY	Top	
43				D43		3					EA	Chip CAPACITOR, 2.7pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN2R7C	B	C78,C79,C80	ROHM ANY	Top	
44				D44		1					EA	Chip CAPACITOR, 10pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN100D	B	C105	ROHM ANY	Top	
45				D45		1					EA	Chip CAPACITOR, 5pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN050C	B	C97	ROHM ANY	Top	
46				D46		1					EA	Chip CAPACITOR, 5.6pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN5R6C	B	C93	ROHM ANY	Top	
47				D47		14					EA	Chip CAPACITOR, 10pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN100D	B	C46,C47,C51, C63,C64,C77,C81,C82,C95, C99,C102,C104,C106,C108	ROHM ANY	Top	
48				D48		3					EA	Chip CAPACITOR, 10pF, 100s, NPO, +/- 0.25pF, 50V	MCH155AN100D	B	C38,C41,C44	ROHM ANY	Bottom	
49				D49		2					EA	Chip CAPACITOR, 15pF, 100s, NPO, +/- 5%, 50V	MCH155AN150J	B	C18,C20	ROHM ANY	Bottom	
50				D50		2					EA	Chip CAPACITOR, 18pF, 100s, NPO, +/- 5%, 50V	MCH155AN180J	B	C53,C54	ROHM ANY	Top	
51				D51		2					EA	Chip CAPACITOR, 47pF, 100s, NPO, +/- 5%, 50V	MCH155AN470J	B	C67,C111	ROHM ANY	Top	

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	A	B	C	D		M1	M2	M3	M4	M5										
62				D62		1					EA	Chip CAPACITOR, 120pF, 1006, NPO, +/- 6%, 60V	MCH166AN121J	B	C62	ROHM ANY	Top			
63				D63		1					EA	Chip CAPACITOR, 0.01uF, 1006, X7R, +/- 10%, 25V	MCH162CN103K	B	C92	ROHM ANY	Top			
64				D64		16					EA	Chip CAPACITOR, 0.1uF, 1006, X6R, +/- 10%, 10V	MCH164CN104K	B	C8,C14,C29,C30, C33,C34,C36,C60,C66, C67,C68,C60,C62,C69, C70,C76	ROHM ANY	Top			
65				D65		20					EA	Chip CAPACITOR, 0.1uF, 1006, X6R, +/- 10%, 10V	MCH164CN104K	B	C1,C3,C6,C13,C16, C17,C19,C21,C22,C23, C26,C27,C32,C36,C37, C40,C42,C43,C46,C83	ROHM ANY	Bottom			
66				D66		1					EA	Chip CAPACITOR, 1uF, 1608, X6R, +/- 10%, 10V	MCH184CN106K	B	C110	ROHM ANY	Top			
67				D67		2					EA	Chip CAPACITOR, 2.2uF, 2012, X7R, +/- 10%, 10V	MCH214CN226K	B	C69,C49	ROHM ANY	Top			
68				D68		4					EA	TANTAL CAPACITOR 10uF, A-TYPE, 6.3V	TCFGC1A106MCR	B	C10,C16,C84,C86	ROHM ANY	Top			
69				D69		3					EA	TANTAL CAPACITOR 10uF, A-TYPE, 16V	TAJA106M016RNJ	B	C4,C9	PANASONIC ANY	Top			
60				D60		2					EA	TANTAL CAPACITOR 100uF, B-TYPE, 6.3V	TCFGB0J107M8R	B	C113,C2	PANASONIC ANY	Top			
61				D61		1					EA	INDUCTOR,1006,2.7nH, +/-0.1nH	LQP16MN2N7B00	B	C91	MURATA	Top			
62				D62		1					EA	DC-DC POWER INDUCTOR 1.6A 22uH	M8S1038-223NXC LPF1040T-220M	B	L1	CoilCraft ABCO	Top			
63				D63		3					EA	INDUCTOR,1006,3.9nH, +/-0.1nH	LQP16MN3N9B00	B	L10,L11,L12	MURATA	Top			
64				D64		2					EA	INDUCTOR,1006,6.8nH, +/-0.1nH	LQP16MN6N8B00	B	L16, L16	MURATA	Top			
65				D65		1					EA	INDUCTOR, 1006,18nH, +/-6%	LQG16HN18NJ02D	B	L13	MURATA	Top			
66				D66		7					EA	FERRITE BEAD,2012,120ohm/1A	HH-1M2012-121	B	L2,L3,L6.L7,L8,L9,L14	CERATECH	Top			
67				D67		1					EA	FERRITE BEAD,2012,120ohm/1A	HH-1M2012-121	B	L6	CERATECH	Bottom			

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	A	B	C	D		M1	M2	M3	M4	M5										
68				D68		2					EA	DUAL CLOCR SMD LED, GREEN/RED	LT8T-C166GEKT	B	LED1,LED2	LITEON	Top			
69				D69		1					EA	SCHOTTKY DETECTOR, SINGLE, SC-79	SM87621-079	B	D2	Skyworks Solutions	Top			
70				D70		2					EA	BALUN 2.4GHz	HHM1517	B	F2,F3	TDK	Top			
71				D71		1					EA	TRA., PNP, SOT-89	CXT2907A	B	Q2	CENTRAL SEMI ROHM	Top			
72				D72		1					EA	RF TRANSISTOR, LNA, 2.4GHz	SGA-8343	B	Q1	Sirenza	Top			
73				D73		1					EA	FUSE, 125V/2A	SSQ2	B	F1	BEL	Top			
74				D74		1					EA	RF TEST CONNECTOR	KMS607	B	J2	HIROSE	Top			
76				D76		1					EA	POWER JACK, 2MM	POWER JACK	F	J1	CUI Stack, Inc.	Top			
76				D76		1					EA	RJ-45 with TRANSFORMER TAP UP TYPE	P26-10Z-2AG7	F	JP2	SPEEDTECH	Top			
77				D77		2					EA	송신 단자		A	CTP1,CTP2		Top			
78				D78		1					EA	Radio Shield	SD-92018-016 SD-92017-016	B	X2	HUN-PAI	Top			
79	A1	B2	C2	D1		1					EA	Recycle 정전기 방지 비닐		P						
80				D2		1					EA	실리카겔		P						
81				D3		1					EA	사용자 설명서		M						
82				D6		1					EA	승인 Lable (Serial No. & Mac Address 인쇄함)		N		JS System				
83				D6		1					EA	외포장 Box		L		건원팩키지				
84				D7		1					EA	내포장 Box		L		건원팩키지				