

This document includes the following assembly variations:

Variation	Title	Description
-005	3V,HFA3861A,LED INV,PCI MOD INCORPORATED	
-006	5V,HFA3861A,LED INV,PCI MOD INCORPORATED	
-007	3V,HFA3861B,LED INV,PCI MOD INCORPORATED	
-008	5V,HFA3861B,LED INV,PCI MOD INCORPORATED	

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 1 OF 17

Assy -005: 3V,HFA3861A,LED INV,PCI MOD INCORPORATED

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
1	1		510-004994	B	B0	PCB	PCB, PLUTO LM, PCMCIA RADIO	PCB1	
2	1		530-004913	A1		SHIELD	SHIELD, POWER AMP	SHLD1	SHIELD
3	1		530-004919	A1		SHIELD	SHIELD, I/Q MODEM	SHLD6	SHIELD
4	1		530-004939	B0		SHIELD	SHIELD, RF/IF	SHLD3	SHIELD
5	1		530-005061	A0		SHIELD	SHIELD, 2GHZ VCO	SHLD2	SHIELD
6	1		530-005062	B0		SHIELD	SHIELD, TX BPF	SHLD8	SHIELD
7	1		601-004165			UHS SINGLE INV	IC, UHS INVERTER, TINYLOGIC (TM)	U704	USV
8	2		601-004325-0280			TC1185-2.8VCT	VOLTAGE REGULATOR, 150MA CMOS LDO	U500 U501	SMV
9	1		601-004565			IC, UHS BUFFER	IC, UHS BUFFER, TINYLOGIC (TM), GROUP	U700	USV
10	1		601-004748			HFA3683A	IC, RF/IF CONVERTER & SYNTHESIZER 2.4GHZ	U400	LQFP64
11	1		601-004749			HFA3783IN	IC, I/Q MODULATOR/DEMOD & SYNTHESIZER	U503	TQFP48
12	1		601-004802			HFA3983IV	IC, POWER AMPLIFIER & DETECTOR, 2.4GHZ	U101	TSSP29
13	1		601-004866			UPC2745TB	IC, SILICON MMIC WIDEBAND AMP,3V, 2.7GHZ	U401	SMM6
14	2		601-004904			AS179-92	IC, GAAS RF SWITCH, SPDT, 2.5GHZ	U1 U100	SOT363
15	3		604-002976			TC7S08FU	LMOS, 2-INPUT AND GATE	U701 U705 U708	USV
16	1		605-003571-120C			AM29LV002BB-120EC	IC,2MBIT BOTTOM SECTOR, LO VOLTAGE FLASH	U600	TSOP40
17	1		605-004901-015			SRAM 128Kx16 15ns, C	IC, SRAM, 128K X 16, 3.3V, CMOS	U706	TQFP44
18	1		606-002904			DS2401AP	IC, SILICON SERIAL NUMBER	U710	TSOC6
19	1		607-004752			HFA3861AIN	IC, DSSS BASEBAND PROCESSOR, 11MB, CCK	U707	LQFP64
20	1		608-004808			A503	PROCESSOR, A503 CUSTOM EMBEDDED ASIC	U601	TQ128W
21	1		610-004951-7.5V			CMDZ7L5	DIODE, ZENER, LOW LEVEL 500UA, 250MW	CR700	SOD323
22	2		611-002986-14T			B=10K/BE=NONE	TRANSISTOR, SILICON NPN W/BUILTIN RESIS	Q700 Q701	SSM
23	20		620-003251-000			0.0	RESISTOR, 1/16W, 5% - SMD	R302 R413 R415 R417 R418 R420 R509 R511 R520 R608 R616 R707 R711 R715 R721 R727 R728 R729 R733 R742	0402
24	4		620-003251-100			100	RESISTOR, 1/16W, 5% - SMD	R400 R501 R508 R737	0402
25	7		620-003251-10K			10K	RESISTOR, 1/16W, 5% - SMD	R613 R617 R618 R700 R701 R702 R732	0402
26	7		620-003251-10R			10	RESISTOR, 1/16W, 5% - SMD	R105 R107 R308 R414 R516 R600 R612	0402
27	3		620-003251-18R			18	RESISTOR, 1/16W, 5% - SMD	R305 R403 R411	0402
28	1		620-003251-1K0			1.0K	RESISTOR, 1/16W, 5% - SMD	R101	0402
29	2		620-003251-1K1			1.1K	RESISTOR, 1/16W, 5% - SMD	R412 R416	0402

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN:	Julie Hawk		
APPROVAL:	Jim Nahra	APPROVED	18-Jan-00
CHECKED:			
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.			

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 2 OF 17

Assy -005: 3V,HFA3861A,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
30	2		620-003251-1K5			1.5K	RESISTOR, 1/16W, 5% - SMD	R306 R610	0402
31	1		620-003251-20R			20	RESISTOR, 1/16W, 5% - SMD	R402	0402
32	2		620-003251-2K0			2.0K	RESISTOR, 1/16W, 5% - SMD	R500 R506	0402
33	6		620-003251-300			300	RESISTOR, 1/16W, 5% - SMD	R301 R304 R401 R404 R409 R410	0402
34	2		620-003251-3K9			3.9K	RESISTOR, 1/16W, 5% - SMD	R505 R748	0402
35	3		620-003251-470			470	RESISTOR, 1/16W, 5% - SMD	R709 R741 R743	0402
36	5		620-003251-47K			47K	RESISTOR, 1/16W, 5% - SMD	R611 R744 R745 R746 R747	0402
37	9		620-003251-51R			51	RESISTOR, 1/16W, 5% - SMD	R1 R100 R104 R106 R2 R50 R51 R517 R522	0402
38	2		620-003251-680			680	RESISTOR, 1/16W, 5% - SMD	R307 R725	0402
39	16		620-003251-68K			68K	RESISTOR, 1/16W, 5% - SMD	R601 R602 R603 R604 R605 R606 R708 R719 R720 R722 R724 R730 R731 R735 R736 R740	0402
40	2		620-003251-82R			82	RESISTOR, 1/16W, 5% - SMD	R309 R310	0402
41	1		620-003251-91R			91	RESISTOR, 1/16W, 5% - SMD	R311	0402
42	1		620-003521-11K5			11.5K	RESISTOR, 1/16W 1% -SMD	R406	0402
43	4		620-003521-124R			124	RESISTOR, 1/16W 1% -SMD	R705 R712 R716 R718	0402
44	1		620-003521-12K1			12.1K	RESISTOR, 1/16W 1% -SMD	R706	0402
45	2		620-003521-19K1			19.1K	RESISTOR, 1/16W 1% -SMD	R713 R714	0402
46	1		620-003521-1K50			1.50K	RESISTOR, 1/16W 1% -SMD	R407	0402
47	1		620-003521-2K87			2.87K	RESISTOR, 1/16W 1% -SMD	R510	0402
48	2		620-003521-3K74			3.74K	RESISTOR, 1/16W 1% -SMD	R102 R103	0402
49	2		620-003521-536R			536	RESISTOR, 1/16W 1% -SMD	R704 R717	0402
50	1		620-003521-976R			976	RESISTOR, 1/16W 1% -SMD	R726	0402
51	1		620-003521-9K53			9.53K	RESISTOR, 1/16W 1% -SMD	R408	0402
52	1		622-000677-U22			220nF	CAPACITOR X7R 25V 10% - SMD	C518	0805
53	1		622-001699-N22			220pF	CAPACITOR X7R 50V 10%	C513	0603
54	1		622-002996-1U0			1.0uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C715	3216L
55	1		622-002997-10U			10uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C612	3528L
56	4		622-002997-4U7			4.7uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C502 C505 C520 C527	3528L
57	16		622-003315-1N0			1.0nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C101 C102 C109 C110 C111 C112 C116	0402

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 3 OF 17

Assy -005: 3V,HFA3861A,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
								C3 C410 C411 C429 C501 C504 C519 C524 C6	
58	1		622-003315-3N9			3.9nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C521	0402
59	5		622-003315-N22			220pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C202 C203 C417 C427 C514	0402
60	1		622-003315-N27			270pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C100	0402
61	2		622-003315-N47			470pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C500 C503	0402
62	2		622-003317-68P			68pF	CAPACITOR, 50V, COG, 10% - SMD	C701 C702	0402
63	32		622-003318-10N			10nF	CAPACITOR, X7R, 16V, 10% - SMD	C300 C304 C405 C406 C407 C413 C415 C421 C422 C423 C424 C426 C432 C540 C600 C601 C602 C608 C609 C610 C611 C613 C616 C700 C707 C708 C711 C712 C717 C718 C719 C722	0402
64	7		622-003319-22P			22pF	CAPACITOR, 50V, COG, 5% - SMD	C200 C201 C302 C419 C420 C425 C614	0402
65	6		622-003319-N10			100pF	CAPACITOR, 50V, COG, 5% - SMD	C400 C525 C526 C533 C534 C538	0402
66	28		622-003486-U10			100nF	CAPACITOR, Y5V 25V +80-20%	C114 C412 C414 C506 C508 C509 C511 C512 C515 C517 C528 C529 C530 C532 C535 C536 C603 C604 C606 C703 C704 C705 C706 C709 C710 C714 C716 C721	0603
67	1		622-003636-22N			22nF	CAPACITOR, X7R 16V, 10% - SMD	C522	0603
68	1		622-003636-68N			68nF	CAPACITOR, X7R 16V, 10% - SMD	C301	0603
69	3		622-003842-1P0			1.0pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C104 C105 C107	0402
70	1		622-003842-2P7			2.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C106	0402
71	1		622-003842-3P9			3.9pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C431	0402
72	2		622-003842-4P7			4.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C418 C428	0402
73	20		622-003843-10P			10pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C1 C103 C108 C113 C115 C117 C2 C4 C402 C404 C416 C430 C5 C50 C507 C51 C510 C52 C53 C7	0402
74	1		622-003843-6P8			6.8pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C408	0402
75	1		622-004940-U68			680nF	CAPACITOR, X7R, 10V, 10%	C303	0805
76	1		624-003405-18N			18nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L200	0603
77	4		624-003405-33N			33nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L404 L405 L500 L501	0603

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 4 OF 17

Assy -005: 3V,HFA3861A,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
78	1		624-003405-39N			39nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L201	0603
79	1		624-003759-U56			560nH	INDUCTOR, 1008HS SERIES, 2% - SMD	L600	1008HS
80	2		624-003827-15N			15nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L101 L104	0402
81	1		624-003827-6N8			6.8nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L100	0402
82	3		624-003844-2N2			2.2nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L1 L103 L2	0402
83	1		624-003844-2N7			2.7nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L102	0402
84	1		625-004777			ENFVH172S80	VCO, 748 MHZ, +/-5MHZ	U504	ENFVH1
85	1		625-004778			ENFVH1K2S81	VCO, 2023 TO 2125 MHZ	U300	ENFVH1
86	1		625-004850-50K			50KHz	IC, OSCILLATOR/DIVIDER, 3V	Y600	SO8
87	1		625-005059			44.000MHz	OSCILLATOR MODULE,44MHZ,+/- 25 PPM,GROUP	Y601	004761
88	3		627-003301			LFSN30N17C2450B	FILTER, BANDPASS, ISM-2.4 , CHIP	FL100 FL300 FL400	003301
89	1		627-004774			855653	FILTER, SAW, 374MHZ BANDPASS	FL200	SMP28
90	1		651-002990-GRN			GREEN 2.8V	LED - RT ANGLE - SMD	DS2	002990
91	1		651-002990-ORG			ORANGE 2.2V	LED - RT ANGLE - SMD	DS1	002990
92	2		672-002905			MMCX	CONNECTOR, JACK, MMCX OFFSET	J1 J2	002905
93	1		672-004230			CONNECTOR, 68-PIN FEM	CONNECTOR, 68-PIN, FEMALE, .007 OFFSET	J600	004230

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 5 OF 17

Assy -006: 5V,HFA3861A,LED INV,PCI MOD INCORPORATED

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
1	1		510-004994	B	B0	PCB	PCB, PLUTO LM, PCMCIA RADIO	PCB1	
2	1		530-004913	A1		SHIELD	SHIELD, POWER AMP	SHLD1	SHIELD
3	1		530-004919	A1		SHIELD	SHIELD, I/Q MODEM	SHLD6	SHIELD
4	1		530-004939	B0		SHIELD	SHIELD, RF/IF	SHLD3	SHIELD
5	1		530-005061	A0		SHIELD	SHIELD, 2GHZ VCO	SHLD2	SHIELD
6	1		530-005062	B0		SHIELD	SHIELD, TX BPF	SHLD8	SHIELD
7	2		601-004136-033			MIC5219-3.3BMM	VOLTAGE REGULATOR, 500MA PEAK OUTPUT LDO	U502 U505	UMAX8
8	1		601-004165			UHS SINGLE INV	IC, UHS INVERTER, TINYLOGIC (TM)	U704	USV
9	2		601-004325-0280			TC1185-2.8VCT	VOLTAGE REGULATOR, 150MA CMOS LDO	U500 U501	SMV
10	1		601-004565			IC, UHS BUFFER	IC, UHS BUFFER, TINYLOGIC (TM), GROUP	U700	USV
11	1		601-004748			HFA3683A	IC, RF/IF CONVERTER & SYNTHESIZER 2.4GHZ	U400	LQFP64
12	1		601-004749			HFA3783IN	IC, I/Q MODULATOR/DEMOD & SYNTHESIZER	U503	TQFP48
13	1		601-004802			HFA3983IV	IC, POWER AMPLIFIER & DETECTOR, 2.4GHZ	U101	TSSP29
14	1		601-004866			UPC2745TB	IC, SILICON MMIC WIDEBAND AMP,3V, 2.7GHZ	U401	SMM6
15	2		601-004904			AS179-92	IC, GAAS RF SWITCH, SPDT, 2.5GHZ	U1 U100	SOT363
16	3		604-002976			TC7S08FU	LMOS, 2-INPUT AND GATE	U701 U705 U708	USV
17	1		605-003571-120C			AM29LV002BB-120EC	IC,2MBIT BOTTOM SECTOR, LO VOLTAGE FLASH	U600	TSOP40
18	1		605-004901-015			SRAM 128Kx16 15ns, C	IC, SRAM, 128K X 16, 3.3V, CMOS	U706	TQFP44
19	1		606-002904			DS2401AP	IC, SILICON SERIAL NUMBER	U710	TSOC6
20	1		607-004752			HFA3861AIN	IC, DSSS BASEBAND PROCESSOR, 11MB, CCK	U707	LQFP64
21	1		608-004808			A503	PROCESSOR, A503 CUSTOM EMBEDDED ASIC	U601	TQ128W
22	1		610-004951-7.5V			CMDZ7L5	DIODE, ZENER, LOW LEVEL 500UA, 250MW	CR700	SOD323
23	2		611-002986-14T			B=10K/BE=NONE	TRANSISTOR, SILICON NPN W/BUILTIN RESIS	Q700 Q701	SSM
24	20		620-003251-000			0.0	RESISTOR, 1/16W, 5% - SMD	R302 R413 R415 R417 R418 R420 R502 R515 R520 R608 R616 R707 R711 R715 R721 R727 R728 R729 R733 R742	0402
25	4		620-003251-100			100	RESISTOR, 1/16W, 5% - SMD	R400 R501 R508 R737	0402
26	7		620-003251-10K			10K	RESISTOR, 1/16W, 5% - SMD	R613 R617 R618 R700 R701 R702 R732	0402
27	7		620-003251-10R			10	RESISTOR, 1/16W, 5% - SMD	R105 R107 R308 R414 R516 R600 R612	0402
28	3		620-003251-18R			18	RESISTOR, 1/16W, 5% - SMD	R305 R403 R411	0402
29	1		620-003251-1K0			1.0K	RESISTOR, 1/16W, 5% - SMD	R101	0402

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN:	Julie Hawk		
APPROVAL:	Jim Nahra	APPROVED	18-Jan-00
CHECKED:			
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.			

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 6 OF 17

Assy -006: 5V,HFA3861A,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
30	2		620-003251-1K1			1.1K	RESISTOR, 1/16W, 5% - SMD	R412 R416	0402
31	2		620-003251-1K5			1.5K	RESISTOR, 1/16W, 5% - SMD	R306 R610	0402
32	1		620-003251-20R			20	RESISTOR, 1/16W, 5% - SMD	R402	0402
33	2		620-003251-2K0			2.0K	RESISTOR, 1/16W, 5% - SMD	R500 R506	0402
34	6		620-003251-300			300	RESISTOR, 1/16W, 5% - SMD	R301 R304 R401 R404 R409 R410	0402
35	2		620-003251-3K9			3.9K	RESISTOR, 1/16W, 5% - SMD	R505 R748	0402
36	3		620-003251-470			470	RESISTOR, 1/16W, 5% - SMD	R709 R741 R743	0402
37	5		620-003251-47K			47K	RESISTOR, 1/16W, 5% - SMD	R611 R744 R745 R746 R747	0402
38	9		620-003251-51R			51	RESISTOR, 1/16W, 5% - SMD	R1 R100 R104 R106 R2 R50 R51 R517 R522	0402
39	2		620-003251-680			680	RESISTOR, 1/16W, 5% - SMD	R307 R725	0402
40	16		620-003251-68K			68K	RESISTOR, 1/16W, 5% - SMD	R601 R602 R603 R604 R605 R606 R708 R719 R720 R722 R724 R730 R731 R735 R736 R740	0402
41	2		620-003251-82R			82	RESISTOR, 1/16W, 5% - SMD	R309 R310	0402
42	1		620-003251-91R			91	RESISTOR, 1/16W, 5% - SMD	R311	0402
43	1		620-003521-11K5			11.5K	RESISTOR, 1/16W 1% -SMD	R406	0402
44	4		620-003521-124R			124	RESISTOR, 1/16W 1% -SMD	R705 R712 R716 R718	0402
45	1		620-003521-12K1			12.1K	RESISTOR, 1/16W 1% -SMD	R706	0402
46	2		620-003521-19K1			19.1K	RESISTOR, 1/16W 1% -SMD	R713 R714	0402
47	1		620-003521-1K50			1.50K	RESISTOR, 1/16W 1% -SMD	R407	0402
48	1		620-003521-2K87			2.87K	RESISTOR, 1/16W 1% -SMD	R510	0402
49	2		620-003521-3K74			3.74K	RESISTOR, 1/16W 1% -SMD	R102 R103	0402
50	2		620-003521-536R			536	RESISTOR, 1/16W 1% -SMD	R704 R717	0402
51	1		620-003521-976R			976	RESISTOR, 1/16W 1% -SMD	R726	0402
52	1		620-003521-9K53			9.53K	RESISTOR, 1/16W 1% -SMD	R408	0402
53	1		622-000677-U22			220nF	CAPACITOR X7R 25V 10% - SMD	C518	0805
54	1		622-001699-N22			220pF	CAPACITOR X7R 50V 10%	C513	0603
55	1		622-002996-1U0			1.0uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C715	3216L
56	1		622-002997-10U			10uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C612	3528L
57	4		622-002997-4U7			4.7uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C502 C505 C520 C527	3528L

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN:	Julie Hawk		
APPROVAL:	Jim Nahra	APPROVED	18-Jan-00
CHECKED:			

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 7 OF 17

Assy -006: 5V,HFA3861A,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
58	16		622-003315-1N0			1.0nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C101 C102 C109 C110 C111 C112 C116 C3 C410 C411 C429 C501 C504 C519 C524 C6	0402
59	1		622-003315-3N9			3.9nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C521	0402
60	5		622-003315-N22			220pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C202 C203 C417 C427 C514	0402
61	1		622-003315-N27			270pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C100	0402
62	4		622-003315-N47			470pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C500 C503 C516 C531	0402
63	2		622-003317-68P			68pF	CAPACITOR, 50V, COG, 10% - SMD	C701 C702	0402
64	32		622-003318-10N			10nF	CAPACITOR, X7R, 16V, 10% - SMD	C300 C304 C405 C406 C407 C413 C415 C421 C422 C423 C424 C426 C432 C540 C600 C601 C602 C608 C609 C610 C611 C613 C616 C700 C707 C708 C711 C712 C717 C718 C719 C722	0402
65	7		622-003319-22P			22pF	CAPACITOR, 50V, COG, 5% - SMD	C200 C201 C302 C419 C420 C425 C614	0402
66	6		622-003319-N10			100pF	CAPACITOR, 50V, COG, 5% - SMD	C400 C525 C526 C533 C534 C538	0402
67	28		622-003486-U10			100nF	CAPACITOR, Y5V 25V +80-20%	C114 C412 C414 C506 C508 C509 C511 C512 C515 C517 C528 C529 C530 C532 C535 C536 C603 C604 C606 C703 C704 C705 C706 C709 C710 C714 C716 C721	0603
68	1		622-003636-22N			22nF	CAPACITOR, X7R 16V, 10% - SMD	C522	0603
69	1		622-003636-68N			68nF	CAPACITOR, X7R 16V, 10% - SMD	C301	0603
70	3		622-003842-1P0			1.0pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C104 C105 C107	0402
71	1		622-003842-2P7			2.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C106	0402
72	1		622-003842-3P9			3.9pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C431	0402
73	2		622-003842-4P7			4.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C418 C428	0402
74	20		622-003843-10P			10pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C1 C103 C108 C113 C115 C117 C2 C4 C402 C404 C416 C430 C5 C50 C507 C51 C510 C52 C53 C7	0402
75	1		622-003843-6P8			6.8pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C408	0402
76	1		622-004940-U68			680nF	CAPACITOR, X7R, 10V, 10%	C303	0805
77	1		624-003405-18N			18nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L200	0603

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 8 OF 17

Assy -006: 5V,HFA3861A,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
78	4		624-003405-33N			33nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L404 L405 L500 L501	0603
79	1		624-003405-39N			39nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L201	0603
80	1		624-003759-U56			560nH	INDUCTOR, 1008HS SERIES, 2% - SMD	L600	1008HS
81	2		624-003827-15N			15nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L101 L104	0402
82	1		624-003827-6N8			6.8nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L100	0402
83	3		624-003844-2N2			2.2nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L1 L103 L2	0402
84	1		624-003844-2N7			2.7nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L102	0402
85	1		625-004777			ENFVH172S80	VCO, 748 MHZ, +/-5MHZ	U504	ENFVH1
86	1		625-004778			ENFVH1K2S81	VCO, 2023 TO 2125 MHZ	U300	ENFVH1
87	1		625-004850-50K			50KHz	IC, OSCILLATOR/DIVIDER, 3V	Y600	SO8
88	1		625-005059			44.000MHz	OSCILLATOR MODULE,44MHZ,+/- 25 PPM,GROUP	Y601	004761
89	3		627-003301			LFSN30N17C2450B	FILTER, BANDPASS, ISM-2.4 , CHIP	FL100 FL300 FL400	003301
90	1		627-004774			855653	FILTER, SAW, 374MHZ BANDPASS	FL200	SMP28
91	1		651-002990-GRN			GREEN 2.8V	LED - RT ANGLE - SMD	DS2	002990
92	1		651-002990-ORG			ORANGE 2.2V	LED - RT ANGLE - SMD	DS1	002990
93	2		672-002905			MMCX	CONNECTOR, JACK, MMCX OFFSET	J1 J2	002905
94	1		672-004230			CONNECTOR, 68-PIN FEM	CONNECTOR, 68-PIN, FEMALE, .007 OFFSET	J600	004230

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 9 OF 17

Assy -007: 3V,HFA3861B,LED INV,PCI MOD INCORPORATED

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
1	1		510-004994	B	B0	PCB	PCB, PLUTO LM, PCMCIA RADIO	PCB1	
2	1		530-004913	A1		SHIELD	SHIELD, POWER AMP	SHLD1	SHIELD
3	1		530-004919	A1		SHIELD	SHIELD, I/Q MODEM	SHLD6	SHIELD
4	1		530-004939	B0		SHIELD	SHIELD, RF/IF	SHLD3	SHIELD
5	1		530-005061	A0		SHIELD	SHIELD, 2GHZ VCO	SHLD2	SHIELD
6	1		530-005062	B0		SHIELD	SHIELD, TX BPF	SHLD8	SHIELD
7	1		601-004165			UHS SINGLE INV	IC, UHS INVERTER, TINYLOGIC (TM)	U704	USV
8	2		601-004325-0280			TC1185-2.8VCT	VOLTAGE REGULATOR, 150MA CMOS LDO	U500 U501	SMV
9	1		601-004565			IC, UHS BUFFER	IC, UHS BUFFER, TINYLOGIC (TM), GROUP	U700	USV
10	1		601-004748			HFA3683A	IC, RF/IF CONVERTER & SYNTHESIZER 2.4GHZ	U400	LQFP64
11	1		601-004749			HFA3783IN	IC, I/Q MODULATOR/DEMODO & SYNTHESIZER	U503	TQFP48
12	1		601-004802			HFA3983IV	IC, POWER AMPLIFIER & DETECTOR, 2.4GHZ	U101	TSSP29
13	1		601-004866			UPC2745TB	IC, SILICON MMIC WIDEBAND AMP,3V, 2.7GHZ	U401	SMM6
14	2		601-004904			AS179-92	IC, GAAS RF SWITCH, SPDT, 2.5GHZ	U1 U100	SOT363
15	3		604-002976			TC7S08FU	LMOS, 2-INPUT AND GATE	U701 U705 U708	USV
16	1		605-003571-120C			AM29LV002BB-120EC	IC,2MBIT BOTTOM SECTOR, LO VOLTAGE FLASH	U600	TSOP40
17	1		605-004901-015			SRAM 128Kx16 15ns, C	IC, SRAM, 128K X 16, 3.3V, CMOS	U706	TQFP44
18	1		606-002904			DS2401AP	IC, SILICON SERIAL NUMBER	U710	TSOC6
19	1		607-005388			HFA3861BIN	IC, DSSS BASEBAND PROCESSOR, 11MB, CCK	U707A	TQFP64
20	1		608-004808			A503	PROCESSOR, A503 CUSTOM EMBEDDED ASIC	U601	TQ128W
21	1		610-004951-7.5V			CMDZ7L5	DIODE, ZENER, LOW LEVEL 500UA, 250MW	CR700	SOD323
22	2		611-002986-14T			B=10K/BE=NONE	TRANSISTOR, SILICON NPN W/BUILTIN RESIS	Q700 Q701	SSM
23	20		620-003251-000			0.0	RESISTOR, 1/16W, 5% - SMD	R302 R413 R415 R417 R418 R420 R509 R511 R520 R608 R616 R707 R711 R715 R721 R727 R728 R729 R733 R742	0402
24	4		620-003251-100			100	RESISTOR, 1/16W, 5% - SMD	R400 R501 R508 R737	0402
25	7		620-003251-10K			10K	RESISTOR, 1/16W, 5% - SMD	R613 R617 R618 R700 R701 R702 R732	0402
26	7		620-003251-10R			10	RESISTOR, 1/16W, 5% - SMD	R105 R107 R308 R414 R516 R600 R612	0402
27	3		620-003251-18R			18	RESISTOR, 1/16W, 5% - SMD	R305 R403 R411	0402
28	1		620-003251-1K0			1.0K	RESISTOR, 1/16W, 5% - SMD	R101	0402
29	2		620-003251-1K1			1.1K	RESISTOR, 1/16W, 5% - SMD	R412 R416	0402

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN:	Julie Hawk		
APPROVAL:	Jim Nahra	APPROVED	18-Jan-00
CHECKED:			
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.			

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 10 OF 17

Assy -007: 3V,HFA3861B,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
30	2		620-003251-1K5			1.5K	RESISTOR, 1/16W, 5% - SMD	R306 R610	0402
31	1		620-003251-20R			20	RESISTOR, 1/16W, 5% - SMD	R402	0402
32	2		620-003251-2K0			2.0K	RESISTOR, 1/16W, 5% - SMD	R500 R506	0402
33	6		620-003251-300			300	RESISTOR, 1/16W, 5% - SMD	R301 R304 R401 R404 R409 R410	0402
34	2		620-003251-3K9			3.9K	RESISTOR, 1/16W, 5% - SMD	R505 R748	0402
35	3		620-003251-470			470	RESISTOR, 1/16W, 5% - SMD	R709 R741 R743	0402
36	5		620-003251-47K			47K	RESISTOR, 1/16W, 5% - SMD	R611 R744 R745 R746 R747	0402
37	9		620-003251-51R			51	RESISTOR, 1/16W, 5% - SMD	R1 R100 R104 R106 R2 R50 R51 R517 R522	0402
38	2		620-003251-680			680	RESISTOR, 1/16W, 5% - SMD	R307 R725	0402
39	16		620-003251-68K			68K	RESISTOR, 1/16W, 5% - SMD	R601 R602 R603 R604 R605 R606 R708 R719 R720 R722 R724 R730 R731 R735 R736 R740	0402
40	2		620-003251-82R			82	RESISTOR, 1/16W, 5% - SMD	R309 R310	0402
41	1		620-003251-91R			91	RESISTOR, 1/16W, 5% - SMD	R311	0402
42	1		620-003521-11K5			11.5K	RESISTOR, 1/16W 1% -SMD	R406	0402
43	4		620-003521-124R			124	RESISTOR, 1/16W 1% -SMD	R705 R712 R716 R718	0402
44	1		620-003521-12K1			12.1K	RESISTOR, 1/16W 1% -SMD	R706	0402
45	2		620-003521-19K1			19.1K	RESISTOR, 1/16W 1% -SMD	R713 R714	0402
46	1		620-003521-1K50			1.50K	RESISTOR, 1/16W 1% -SMD	R407	0402
47	1		620-003521-2K87			2.87K	RESISTOR, 1/16W 1% -SMD	R510	0402
48	2		620-003521-3K74			3.74K	RESISTOR, 1/16W 1% -SMD	R102 R103	0402
49	2		620-003521-536R			536	RESISTOR, 1/16W 1% -SMD	R704 R717	0402
50	1		620-003521-976R			976	RESISTOR, 1/16W 1% -SMD	R726	0402
51	1		620-003521-9K53			9.53K	RESISTOR, 1/16W 1% -SMD	R408	0402
52	1		622-000677-U22			220nF	CAPACITOR X7R 25V 10% - SMD	C518	0805
53	1		622-001699-N22			220pF	CAPACITOR X7R 50V 10%	C513	0603
54	1		622-002996-1U0			1.0uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C715	3216L
55	1		622-002997-10U			10uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C612	3528L
56	4		622-002997-4U7			4.7uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C502 C505 C520 C527	3528L
57	16		622-003315-1N0			1.0nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C101 C102 C109 C110 C111 C112 C116	0402

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 11 OF 17

Assy -007: 3V,HFA3861B,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
								C3 C410 C411 C429 C501 C504 C519 C524 C6	
58	1		622-003315-3N9			3.9nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C521	0402
59	5		622-003315-N22			220pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C202 C203 C417 C427 C514	0402
60	1		622-003315-N27			270pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C100	0402
61	2		622-003315-N47			470pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C500 C503	0402
62	2		622-003317-68P			68pF	CAPACITOR, 50V, COG, 10% - SMD	C701 C702	0402
63	32		622-003318-10N			10nF	CAPACITOR, X7R, 16V, 10% - SMD	C300 C304 C405 C406 C407 C413 C415 C421 C422 C423 C424 C426 C432 C540 C600 C601 C602 C608 C609 C610 C611 C613 C616 C700 C707 C708 C711 C712 C717 C718 C719 C722	0402
64	7		622-003319-22P			22pF	CAPACITOR, 50V, COG, 5% - SMD	C200 C201 C302 C419 C420 C425 C614	0402
65	6		622-003319-N10			100pF	CAPACITOR, 50V, COG, 5% - SMD	C400 C525 C526 C533 C534 C538	0402
66	28		622-003486-U10			100nF	CAPACITOR, Y5V 25V +80-20%	C114 C412 C414 C506 C508 C509 C511 C512 C515 C517 C528 C529 C530 C532 C535 C536 C603 C604 C606 C703 C704 C705 C706 C709 C710 C714 C716 C721	0603
67	1		622-003636-22N			22nF	CAPACITOR, X7R 16V, 10% - SMD	C522	0603
68	1		622-003636-68N			68nF	CAPACITOR, X7R 16V, 10% - SMD	C301	0603
69	3		622-003842-1P0			1.0pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C104 C105 C107	0402
70	1		622-003842-2P7			2.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C106	0402
71	1		622-003842-3P9			3.9pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C431	0402
72	2		622-003842-4P7			4.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C418 C428	0402
73	20		622-003843-10P			10pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C1 C103 C108 C113 C115 C117 C2 C4 C402 C404 C416 C430 C5 C50 C507 C51 C510 C52 C53 C7	0402
74	1		622-003843-6P8			6.8pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C408	0402
75	1		622-004940-U68			680nF	CAPACITOR, X7R, 10V, 10%	C303	0805
76	1		624-003405-18N			18nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L200	0603
77	4		624-003405-33N			33nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L404 L405 L500 L501	0603

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 12 OF 17

Assy -007: 3V,HFA3861B,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
78	1		624-003405-39N			39nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L201	0603
79	1		624-003759-U56			560nH	INDUCTOR, 1008HS SERIES, 2% - SMD	L600	1008HS
80	2		624-003827-15N			15nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L101 L104	0402
81	1		624-003827-6N8			6.8nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L100	0402
82	3		624-003844-2N2			2.2nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L1 L103 L2	0402
83	1		624-003844-2N7			2.7nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L102	0402
84	1		625-004777			ENFVH172S80	VCO, 748 MHZ, +/-5MHZ	U504	ENFVH1
85	1		625-004778			ENFVH1K2S81	VCO, 2023 TO 2125 MHZ	U300	ENFVH1
86	1		625-004850-50K			50KHz	IC, OSCILLATOR/DIVIDER, 3V	Y600	SO8
87	1		625-005059			44.000MHz	OSCILLATOR MODULE,44MHZ,+/- 25 PPM,GROUP	Y601	004761
88	3		627-003301			LFSN30N17C2450B	FILTER, BANDPASS, ISM-2.4 , CHIP	FL100 FL300 FL400	003301
89	1		627-004774			855653	FILTER, SAW, 374MHZ BANDPASS	FL200	SMP28
90	1		651-002990-GRN			GREEN 2.8V	LED - RT ANGLE - SMD	DS2	002990
91	1		651-002990-ORG			ORANGE 2.2V	LED - RT ANGLE - SMD	DS1	002990
92	2		672-002905			MMCX	CONNECTOR, JACK, MMCX OFFSET	J1 J2	002905
93	1		672-004230			CONNECTOR, 68-PIN FEM	CONNECTOR, 68-PIN, FEMALE, .007 OFFSET	J600	004230

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 13 OF 17

Assy -008: 5V,HFA3861B,LED INV,PCI MOD INCORPORATED

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
1	1		510-004994	B	B0	PCB	PCB, PLUTO LM, PCMCIA RADIO	PCB1	
2	1		530-004913	A1		SHIELD	SHIELD, POWER AMP	SHLD1	SHIELD
3	1		530-004919	A1		SHIELD	SHIELD, I/Q MODEM	SHLD6	SHIELD
4	1		530-004939	B0		SHIELD	SHIELD, RF/IF	SHLD3	SHIELD
5	1		530-005061	A0		SHIELD	SHIELD, 2GHZ VCO	SHLD2	SHIELD
6	1		530-005062	B0		SHIELD	SHIELD, TX BPF	SHLD8	SHIELD
7	2		601-004136-033			MIC5219-3.3BMM	VOLTAGE REGULATOR, 500MA PEAK OUTPUT LDO	U502 U505	UMAX8
8	1		601-004165			UHS SINGLE INV	IC, UHS INVERTER, TINYLOGIC (TM)	U704	USV
9	2		601-004325-0280			TC1185-2.8VCT	VOLTAGE REGULATOR, 150MA CMOS LDO	U500 U501	SMV
10	1		601-004565			IC, UHS BUFFER	IC, UHS BUFFER, TINYLOGIC (TM), GROUP	U700	USV
11	1		601-004748			HFA3683A	IC, RF/IF CONVERTER & SYNTHESIZER 2.4GHZ	U400	LQFP64
12	1		601-004749			HFA3783IN	IC, I/Q MODULATOR/DEMOD & SYNTHESIZER	U503	TQFP48
13	1		601-004802			HFA3983IV	IC, POWER AMPLIFIER & DETECTOR, 2.4GHZ	U101	TSSP29
14	1		601-004866			UPC2745TB	IC, SILICON MMIC WIDEBAND AMP,3V, 2.7GHZ	U401	SMM6
15	2		601-004904			AS179-92	IC, GAAS RF SWITCH, SPDT, 2.5GHZ	U1 U100	SOT363
16	3		604-002976			TC7S08FU	LMOS, 2-INPUT AND GATE	U701 U705 U708	USV
17	1		605-003571-120C			AM29LV002BB-120EC	IC,2MBIT BOTTOM SECTOR, LO VOLTAGE FLASH	U600	TSOP40
18	1		605-004901-015			SRAM 128Kx16 15ns, C	IC, SRAM, 128K X 16, 3.3V, CMOS	U706	TQFP44
19	1		606-002904			DS2401AP	IC, SILICON SERIAL NUMBER	U710	TSOC6
20	1		607-005388			HFA3861BIN	IC, DSSS BASEBAND PROCESSOR, 11MB, CCK	U707A	TQFP64
21	1		608-004808			A503	PROCESSOR, A503 CUSTOM EMBEDDED ASIC	U601	TQ128W
22	1		610-004951-7.5V			CMDZ7L5	DIODE, ZENER, LOW LEVEL 500UA, 250MW	CR700	SOD323
23	2		611-002986-14T			B=10K/BE=NONE	TRANSISTOR, SILICON NPN W/BUILTIN RESIS	Q700 Q701	SSM
24	20		620-003251-000			0.0	RESISTOR, 1/16W, 5% - SMD	R302 R413 R415 R417 R418 R420 R502 R515 R520 R608 R616 R707 R711 R715 R721 R727 R728 R729 R733 R742	0402
25	4		620-003251-100			100	RESISTOR, 1/16W, 5% - SMD	R400 R501 R508 R737	0402
26	7		620-003251-10K			10K	RESISTOR, 1/16W, 5% - SMD	R613 R617 R618 R700 R701 R702 R732	0402
27	7		620-003251-10R			10	RESISTOR, 1/16W, 5% - SMD	R105 R107 R308 R414 R516 R600 R612	0402
28	3		620-003251-18R			18	RESISTOR, 1/16W, 5% - SMD	R305 R403 R411	0402
29	1		620-003251-1K0			1.0K	RESISTOR, 1/16W, 5% - SMD	R101	0402

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN:	Julie Hawk		
APPROVAL:	Jim Nahra	APPROVED	18-Jan-00
CHECKED:			
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.			

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 14 OF 17

Assy -008: 5V,HFA3861B,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
30	2		620-003251-1K1			1.1K	RESISTOR, 1/16W, 5% - SMD	R412 R416	0402
31	2		620-003251-1K5			1.5K	RESISTOR, 1/16W, 5% - SMD	R306 R610	0402
32	1		620-003251-20R			20	RESISTOR, 1/16W, 5% - SMD	R402	0402
33	2		620-003251-2K0			2.0K	RESISTOR, 1/16W, 5% - SMD	R500 R506	0402
34	6		620-003251-300			300	RESISTOR, 1/16W, 5% - SMD	R301 R304 R401 R404 R409 R410	0402
35	2		620-003251-3K9			3.9K	RESISTOR, 1/16W, 5% - SMD	R505 R748	0402
36	3		620-003251-470			470	RESISTOR, 1/16W, 5% - SMD	R709 R741 R743	0402
37	5		620-003251-47K			47K	RESISTOR, 1/16W, 5% - SMD	R611 R744 R745 R746 R747	0402
38	9		620-003251-51R			51	RESISTOR, 1/16W, 5% - SMD	R1 R100 R104 R106 R2 R50 R51 R517 R522	0402
39	2		620-003251-680			680	RESISTOR, 1/16W, 5% - SMD	R307 R725	0402
40	16		620-003251-68K			68K	RESISTOR, 1/16W, 5% - SMD	R601 R602 R603 R604 R605 R606 R708 R719 R720 R722 R724 R730 R731 R735 R736 R740	0402
41	2		620-003251-82R			82	RESISTOR, 1/16W, 5% - SMD	R309 R310	0402
42	1		620-003251-91R			91	RESISTOR, 1/16W, 5% - SMD	R311	0402
43	1		620-003521-11K5			11.5K	RESISTOR, 1/16W 1% -SMD	R406	0402
44	4		620-003521-124R			124	RESISTOR, 1/16W 1% -SMD	R705 R712 R716 R718	0402
45	1		620-003521-12K1			12.1K	RESISTOR, 1/16W 1% -SMD	R706	0402
46	2		620-003521-19K1			19.1K	RESISTOR, 1/16W 1% -SMD	R713 R714	0402
47	1		620-003521-1K50			1.50K	RESISTOR, 1/16W 1% -SMD	R407	0402
48	1		620-003521-2K87			2.87K	RESISTOR, 1/16W 1% -SMD	R510	0402
49	2		620-003521-3K74			3.74K	RESISTOR, 1/16W 1% -SMD	R102 R103	0402
50	2		620-003521-536R			536	RESISTOR, 1/16W 1% -SMD	R704 R717	0402
51	1		620-003521-976R			976	RESISTOR, 1/16W 1% -SMD	R726	0402
52	1		620-003521-9K53			9.53K	RESISTOR, 1/16W 1% -SMD	R408	0402
53	1		622-000677-U22			220nF	CAPACITOR X7R 25V 10% - SMD	C518	0805
54	1		622-001699-N22			220pF	CAPACITOR X7R 50V 10%	C513	0603
55	1		622-002996-1U0			1.0uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C715	3216L
56	1		622-002997-10U			10uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C612	3528L
57	4		622-002997-4U7			4.7uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C502 C505 C520 C527	3528L

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 15 OF 17

Assy -008: 5V,HFA3861B,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
58	16		622-003315-1N0			1.0nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C101 C102 C109 C110 C111 C112 C116 C3 C410 C411 C429 C501 C504 C519 C524 C6	0402
59	1		622-003315-3N9			3.9nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C521	0402
60	5		622-003315-N22			220pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C202 C203 C417 C427 C514	0402
61	1		622-003315-N27			270pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C100	0402
62	4		622-003315-N47			470pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C500 C503 C516 C531	0402
63	2		622-003317-68P			68pF	CAPACITOR, 50V, COG, 10% - SMD	C701 C702	0402
64	32		622-003318-10N			10nF	CAPACITOR, X7R, 16V, 10% - SMD	C300 C304 C405 C406 C407 C413 C415 C421 C422 C423 C424 C426 C432 C540 C600 C601 C602 C608 C609 C610 C611 C613 C616 C700 C707 C708 C711 C712 C717 C718 C719 C722	0402
65	7		622-003319-22P			22pF	CAPACITOR, 50V, COG, 5% - SMD	C200 C201 C302 C419 C420 C425 C614	0402
66	6		622-003319-N10			100pF	CAPACITOR, 50V, COG, 5% - SMD	C400 C525 C526 C533 C534 C538	0402
67	28		622-003486-U10			100nF	CAPACITOR, Y5V 25V +80-20%	C114 C412 C414 C506 C508 C509 C511 C512 C515 C517 C528 C529 C530 C532 C535 C536 C603 C604 C606 C703 C704 C705 C706 C709 C710 C714 C716 C721	0603
68	1		622-003636-22N			22nF	CAPACITOR, X7R 16V, 10% - SMD	C522	0603
69	1		622-003636-68N			68nF	CAPACITOR, X7R 16V, 10% - SMD	C301	0603
70	3		622-003842-1P0			1.0pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C104 C105 C107	0402
71	1		622-003842-2P7			2.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C106	0402
72	1		622-003842-3P9			3.9pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C431	0402
73	2		622-003842-4P7			4.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C418 C428	0402
74	20		622-003843-10P			10pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C1 C103 C108 C113 C115 C117 C2 C4 C402 C404 C416 C430 C5 C50 C507 C51 C510 C52 C53 C7	0402
75	1		622-003843-6P8			6.8pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C408	0402
76	1		622-004940-U68			680nF	CAPACITOR, X7R, 10V, 10%	C303	0805
77	1		624-003405-18N			18nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L200	0603

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 16 OF 17

Assy -008: 5V,HFA3861B,LED INV,PCI MOD INCORPORATED (Cont'd)

<u>Item</u>	<u>Qty</u>	<u>Doc</u>	<u>Part Number</u>	<u>Rev</u>	<u>Fab</u>	<u>Value/Item</u>	<u>Description</u>	<u>Reference Designator</u>	<u>Cell</u>
78	4		624-003405-33N			33nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L404 L405 L500 L501	0603
79	1		624-003405-39N			39nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L201	0603
80	1		624-003759-U56			560nH	INDUCTOR, 1008HS SERIES, 2% - SMD	L600	1008HS
81	2		624-003827-15N			15nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L101 L104	0402
82	1		624-003827-6N8			6.8nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L100	0402
83	3		624-003844-2N2			2.2nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L1 L103 L2	0402
84	1		624-003844-2N7			2.7nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L102	0402
85	1		625-004777			ENFVH172S80	VCO, 748 MHZ, +/-5MHZ	U504	ENFVH1
86	1		625-004778			ENFVH1K2S81	VCO, 2023 TO 2125 MHZ	U300	ENFVH1
87	1		625-004850-50K			50KHz	IC, OSCILLATOR/DIVIDER, 3V	Y600	SO8
88	1		625-005059			44.000MHz	OSCILLATOR MODULE,44MHZ,+/- 25 PPM,GROUP	Y601	004761
89	3		627-003301			LFSN30N17C2450B	FILTER, BANDPASS, ISM-2.4 , CHIP	FL100 FL300 FL400	003301
90	1		627-004774			855653	FILTER, SAW, 374MHZ BANDPASS	FL200	SMP28
91	1		651-002990-GRN			GREEN 2.8V	LED - RT ANGLE - SMD	DS2	002990
92	1		651-002990-ORG			ORANGE 2.2V	LED - RT ANGLE - SMD	DS1	002990
93	2		672-002905			MMCX	CONNECTOR, JACK, MMCX OFFSET	J1 J2	002905
94	1		672-004230			CONNECTOR, 68-PIN FEM	CONNECTOR, 68-PIN, FEMALE, .007 OFFSET	J600	004230

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN: Julie Hawk		
APPROVAL: Jim Nahra	APPROVED	18-Jan-00
CHECKED:		
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AIRONET WIRELESS COMMUNICATIONS INC. ANY REPRODUCTION OR DISCLOSURE OF THIS DOCUMENT IS FORBIDDEN. EXCEPT WITH WRITTEN PERMISSION FROM AIRONET WIRELESS COMMUNICATIONS.		

REVISIONS		
REV	ECN	DESCRIPTION
B0	2262	PRODUCTION RELEASE
 Aironet Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333		
BILL OF MATERIALS		
PCA, PLUTO LM, PCMCIA RADIO		
		BOM-410-004994
RUN 19-Jan-00		PAGE 17 OF 17