

This document includes the following assembly variations:

Variation	Title	Description
-001	64k-bit EEPROM	64k-bit EEPROM
-002	128-bit EEPROM	128-bit EEPROM

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN:	Susan Wagner		
APPROVAL:	Steve Cloud	APPROVED	19-May-00
CHECKED:			

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REVISIONS		
REV	ECN	DESCRIPTION
AB0	2445	INCORPORATED ECN
h a		Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333
BILL OF MATERIALS PCA, COMET		
		BOM-410-005010
RUN 19-May-00		PAGE 1 OF 11

(A)

Assy -001: 64k-bit EEPROM

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
1	1		510-005010	AB	AB0	PCB	PCB, COMET	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		530-005513			ANTENNA, COMET	FABMTL, ANTENNA, COMET	ANT1 ANT2	ANTRT
8	3		601-004136-033			MIC5219-3.3BMM	VOLTAGE REGULATOR, 500MA PEAK OUTPUT LDO	U502 U505 U802	UMAX8
9	1		601-004165			UHS SINGLE INV	IC, UHS INVERTER, TINYLOGIC (TM)	U704	USV
10	2		601-004325-0280			TC1185-2.8VCT	VOLTAGE REGULATOR, 150MA CMOS LDO	U500 U501	SMV
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	2		601-005712			UHS SCHMITT INV	IC, UHS INVERTER W/SCHMITT TRIGER INPUT	U900 U901	USV
17	3		604-002976			TC7S08FU	LMOS, 2-INPUT AND GATE	U701 U705 U708	USV
18	1		605-003571-120C			AM29LV002BB-120EC	IC,2MBIT BOTTOM SECTOR, LO VOLTAGE FLASH	U600	TSOP40
19	1		605-004901-015			SRAM 128Kx16 15ns, C	IC, SRAM, 128K X 16, 3.3V, CMOS	U706	TQFP44
20	1		605-005694			24LC64-/SN	IC, IIC 8K X 8 SERIAL EEPROM	U800	SO8
21	1		606-002904			DS2401AP	IC, SILICON SERIAL NUMBER	U710	TSOC6
22	1		607-005388			HFA3861BIN	IC, DSSS BASEBAND PROCESSOR, 11MB, CCK	U707A	TQFP64
23	1		608-004808			A503	PROCESSOR, A503 CUSTOM EMBEDDED ASIC	U601	TQ128W
24	1		608-005506			CY7C64603-80NC	IC, EZ-USB FX MICRO-CONTROLLER, 80-PIN	U801	PQFP80
25	1		611-000047			MMBT2222A	TRANSISTOR, NPN, GENERAL - SMD	Q900	SOT23
26	2		611-002986-14T			B=10K/BE=NONE	TRANSISTOR, SILICON NPN W/BUILTIN RESIS	Q700 Q701	SSM
27	1		613-005517-COM			SN75240PW	DUAL USB TRANSIENT SUPPRESSOR	U902	TSSOP8
28	1		620-000131-000			0.0	RESISTOR, 1/10W 5% - SMD	R931	0805
29	1		620-000131-1M0			1.0M	RESISTOR, 1/10W 5% - SMD	R815	0805
30	22		620-003251-000			0.0	RESISTOR, 1/16W, 5% - SMD	R302 R413 R415 R417 R418 R420 R503 R520 R707 R711 R715 R721 R727 R728	0402

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

REVISIONS		
REV	ECN	DESCRIPTION
AB0	2445	INCORPORATED ECN

DRAWN: Susan Wagner		
APPROVAL: Steve Cloud	APPROVED	19-May-00
CHECKED:		

h a	
Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333	
BILL OF MATERIALS PCA, COMET	
BOM-410-005010	
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(A)

Assy -001: 64k-bit EEPROM (Cont'd)

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
								R729 R733 R812 R813 R903 R912 R914 R919	
31	4		620-003251-100			100	RESISTOR, 1/16W, 5% - SMD	R400 R501 R508 R737	0402
32	15		620-003251-10K			10K	RESISTOR, 1/16W, 5% - SMD	R613 R700 R701 R732 R807 R811 R814 R905 R906 R907 R909 R910 R913 R917 R918	0402
33	7		620-003251-10R			10	RESISTOR, 1/16W, 5% - SMD	R105 R107 R308 R414 R516 R600 R612	0402
34	3		620-003251-18R			18	RESISTOR, 1/16W, 5% - SMD	R305 R403 R411	0402
35	4		620-003251-1K0			1.0K	RESISTOR, 1/16W, 5% - SMD	R101 R900 R902 R915	0402
36	2		620-003251-1K1			1.1K	RESISTOR, 1/16W, 5% - SMD	R412 R416	0402
37	3		620-003251-1K5			1.5K	RESISTOR, 1/16W, 5% - SMD	R306 R610 R930	0402
38	1		620-003251-1M0			1.0M	RESISTOR, 1/16W, 5% - SMD	R805	0402
39	1		620-003251-20R			20	RESISTOR, 1/16W, 5% - SMD	R402	0402
40	2		620-003251-22R			22	RESISTOR, 1/16W, 5% - SMD	R806 R929	0402
41	2		620-003251-2K0			2.0K	RESISTOR, 1/16W, 5% - SMD	R500 R506	0402
42	6		620-003251-300			300	RESISTOR, 1/16W, 5% - SMD	R301 R304 R401 R404 R409 R410	0402
43	2		620-003251-3K9			3.9K	RESISTOR, 1/16W, 5% - SMD	R505 R748	0402
44	3		620-003251-470			470	RESISTOR, 1/16W, 5% - SMD	R741 R743 R908	0402
45	5		620-003251-47K			47K	RESISTOR, 1/16W, 5% - SMD	R611 R744 R745 R746 R747	0402
46	9		620-003251-51R			51	RESISTOR, 1/16W, 5% - SMD	R1 R100 R104 R106 R2 R50 R51 R517 R522	0402
47	2		620-003251-680			680	RESISTOR, 1/16W, 5% - SMD	R307 R725	0402
48	29		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 R800 R801 R802 R803 R804 R920 R921 R922 R923 R924 R925 R926 R927	0402
49	2		620-003251-82R			82	RESISTOR, 1/16W, 5% - SMD	R309 R310	0402
50	1		620-003251-91R			91	RESISTOR, 1/16W, 5% - SMD	R311	0402
51	1		620-003521-11K5			11.5K	RESISTOR, 1/16W 1% -SMD	R406	0402
52	4		620-003521-124R			124	RESISTOR, 1/16W 1% -SMD	R705 R712 R716 R718	0402

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APPROVAL:	Steve Cloud	APPROVED	19-May-00
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REV	ECN	DESCRIPTION
AB0	2445	INCORPORATED ECN

h a **Aironet Wireless Communications, Inc.**
Fairlawn, Ohio 44333

BILL OF MATERIALS
PCA, COMET

BOM-410-005010

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(A)

Assy -001: 64k-bit EEPROM (Cont'd)

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
53	1		620-003521-12K1			12.1K	RESISTOR, 1/16W 1% -SMD	R706	0402
54	2		620-003521-19K1			19.1K	RESISTOR, 1/16W 1% -SMD	R713 R714	0402
55	1		620-003521-1K50			1.50K	RESISTOR, 1/16W 1% -SMD	R407	0402
56	1		620-003521-2K87			2.87K	RESISTOR, 1/16W 1% -SMD	R510	0402
57	2		620-003521-3K74			3.74K	RESISTOR, 1/16W 1% -SMD	R102 R103	0402
58	2		620-003521-536R			536	RESISTOR, 1/16W 1% -SMD	R704 R717	0402
59	1		620-003521-976R			976	RESISTOR, 1/16W 1% -SMD	R726	0402
60	1		620-003521-9K53			9.53K	RESISTOR, 1/16W 1% -SMD	R408	0402
61	1		622-000677-U22			220nF	CAPACITOR X7R 25V 10% - SMD	C518	0805
62	2		622-001257-30P			30pF	CAPACITOR, NPO 50V 5%	C801 C802	0603
63	1		622-001347-2U2			2.2uF	CAPACITOR TANTALUM 6.3V 20% - SMD	C901	3216
64	1		622-001699-N22			220pF	CAPACITOR X7R 50V 10%	C513	0603
65	1		622-002995-1U0			1uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C806	0805P
66	1		622-002996-1U0			1.0uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C715	3216L
67	1		622-002996-2U2			2.2uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C902	3216L
68	1		622-002997-10U			10uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C612	3528L
69	5		622-002997-4U7			4.7uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C502 C505 C520 C527 C810	3528L
70	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
71	1		622-003315-3N9			3.9nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C521	0402
72	5		622-003315-N22			220pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C202 C203 C417 C427 C514	0402
73	1		622-003315-N27			270pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C100	0402
74	5		622-003315-N47			470pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C500 C503 C516 C531 C808	0402
75	2		622-003317-68P			68pF	CAPACITOR, 50V, COG, 10% - SMD	C701 C702	0402
76	31		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 C609 C610 C611 C613 C616 C700 C707 C708 C711 C712 C717 C718 C719 C722	0402
77	7		622-003319-22P			22pF	CAPACITOR, 50V, COG, 5% - SMD	C200 C201 C302 C419 C420 C425 C614	0402

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APPROVAL: Steve Cloud	APPROVED	19-May-00
CHECKED:		

h a **Aironet Wireless Communications, Inc.**
Fairlawn, Ohio 44333

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	BOM-410-005010
RUN 19-May-00	PAGE 4 OF 11

(A)

Assy -001: 64k-bit EEPROM (Cont'd)

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
78	6		622-003319-N10			100pF	CAPACITOR, 50V, COG, 5% - SMD	C400 C525 C526 C533 C534 C538	0402
79	35		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 C800 C803 C804 C805 C807 C900 C903	0603
80	1		622-003636-22N			22nF	CAPACITOR, X7R 16V, 10% - SMD	C522	0603
81	1		622-003636-68N			68nF	CAPACITOR, X7R 16V, 10% - SMD	C301	0603
82	3		622-003842-1P0			1.0pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C104 C105 C107	0402
83	1		622-003842-2P7			2.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C106	0402
84	1		622-003842-3P9			3.9pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C431	0402
85	2		622-003842-4P7			4.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C418 C428	0402
86	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
87	1		622-003843-6P8			6.8pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C408	0402
88	1		622-003925-U10			100nF	CAPACITOR, Y5V,10V,+80-20% - SMD	C809	0805
89	1		622-004940-U68			680nF	CAPACITOR, X7R, 10V, 10%	C303	0805
90	2		624-001952			24 Ohms at 100MHz	INDUCTOR, EMI CHIP BEAD, 500MA - SMD	FB900 FB901	1206
91	1		624-003405-18N			18nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L200	0603
92	4		624-003405-33N			33nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L404 L405 L500 L501	0603
93	1		624-003405-39N			39nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L201	0603
94	1		624-003759-U56			560nH	INDUCTOR, 1008HS SERIES, 2% - SMD	L600	1008HS
95	4		624-003827-15N			15nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L1 L101 L104 L2	0402
96	1		624-003827-6N8			6.8nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L100	0402
97	1		624-003844-2N2			2.2nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L103	0402
98	1		624-003844-2N7			2.7nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L102	0402
99	1		625-004777			ENFVH172S80	VCO, 748 MHZ, +/-5MHZ	U504	ENFVH1
100	1		625-004778			ENFVH1K2S81	VCO, 2023 TO 2125 MHZ	U300	ENFVH1
101	1		625-004850-50K			50KHz	IC, OSCILLATOR/DIVIDER, 3V	Y600	SO8
102	1		625-005059			44.000MHz	OSCILLATOR MODULE,44MHZ,+/- 25 PPM,GROUP	Y601	004761

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN:	Susan Wagner		
APPROVAL:	Steve Cloud	APPROVED	19-May-00
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REV	ECN	DESCRIPTION
AB0	2445	INCORPORATED ECN

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Fairlawn, Ohio 44333

BILL OF MATERIALS
PCA, COMET

BOM-410-005010

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(A)

Assy -001: 64k-bit EEPROM (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>
103	1		625-005518-12M			12MHz, +/-50ppm,SERIES R	CRYSTAL, +/-50PPM, SERIES RESONANT	Y800	001353
104	3		627-003301			LFSN30N17C2450B	FILTER, BANDPASS, ISM-2.4 , CHIP	FL100 FL300 FL400	003301
105	1		627-004774			855653	FILTER, SAW, 374MHZ BANDPASS	FL200	SMP28
106	1		651-005651-GRN			GREEN 30mcd	LED, DOME LENS, 40 DEG.	DS1	005651
107	1		651-005651-ORG			ORANGE 20mcd	LED, DOME LENS, 40 DEG.	DS2	005651
108	1		672-004875			MM8329-2600	CONNECTOR, COAXIAL WITH SWITCH	J1	004875
109	1		672-005654-004			USBS-BRSMT	CONNECTOR, USB SERIES B, R/A, SHIELDED	J800	005654

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APPROVAL:	Steve Cloud	APPROVED	19-May-00
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Fairlawn, Ohio 44333

BILL OF MATERIALS	
PCA, COMET	
BOM-410-005010	
RUN 19-May-00	PAGE 6 OF 11

(B)

Assy -002: 128-bit EEPROM

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
1	1		510-005010	AB	AB0	PCB	PCB, COMET	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		530-005513			ANTENNA, COMET	FABMTL, ANTENNA, COMET	ANT1 ANT2	ANTRT
8	3		601-004136-033			MIC5219-3.3BMM	VOLTAGE REGULATOR, 500MA PEAK OUTPUT LDO	U502 U505 U802	UMAX8
9	1		601-004165			UHS SINGLE INV	IC, UHS INVERTER, TINYLOGIC (TM)	U704	USV
10	2		601-004325-0280			TC1185-2.8VCT	VOLTAGE REGULATOR, 150MA CMOS LDO	U500 U501	SMV
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	2		601-005712			UHS SCHMITT INV	IC, UHS INVERTER W/SCHMITT TRIGER INPUT	U900 U901	USV
17	3		604-002976			TC7S08FU	LMOS, 2-INPUT AND GATE	U701 U705 U708	USV
18	1		605-003571-120C			AM29LV002BB-120EC	IC,2MBIT BOTTOM SECTOR, LO VOLTAGE FLASH	U600	TSOP40
19	1		605-004901-015			SRAM 128Kx16 15ns, C	IC, SRAM, 128K X 16, 3.3V, CMOS	U706	TQFP44
20	1		605-005695			24LC00-/SN	IC, IIC 16 X 8 SERIAL EEPROM	U800A	SO8
21	1		606-002904			DS2401AP	IC, SILICON SERIAL NUMBER	U710	TSOC6
22	1		607-005388			HFA3861BIN	IC, DSSS BASEBAND PROCESSOR, 11MB, CCK	U707A	TQFP64
23	1		608-004808			A503	PROCESSOR, A503 CUSTOM EMBEDDED ASIC	U601	TQ128W
24	1		608-005506			CY7C64603-80NC	IC, EZ-USB FX MICRO-CONTROLLER, 80-PIN	U801	PQFP80
25	1		611-000047			MMBT2222A	TRANSISTOR, NPN, GENERAL - SMD	Q900	SOT23
26	2		611-002986-14T			B=10K/BE=NONE	TRANSISTOR, SILICON NPN W/BUILTIN RESIS	Q700 Q701	SSM
27	1		613-005517-COM			SN75240PW	DUAL USB TRANSIENT SUPPRESSOR	U902	TSSOP8
28	1		620-000131-000			0.0	RESISTOR, 1/10W 5% - SMD	R931	0805
29	1		620-000131-1M0			1.0M	RESISTOR, 1/10W 5% - SMD	R815	0805
30	22		620-003251-000			0.0	RESISTOR, 1/16W, 5% - SMD	R302 R413 R415 R417 R418 R420 R503 R520 R707 R711 R715 R721 R727 R728	0402

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REVISIONS		
REV	ECN	DESCRIPTION
AB0	2445	INCORPORATED ECN

DRAWN: Susan Wagner		
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Aironet Wireless Communications, Inc. Fairlawn, Ohio 44333	
BILL OF MATERIALS PCA, COMET	
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(B)

Assy -002: 128-bit EEPROM (Cont'd)

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
								R729 R733 R812 R813 R904 R912 R914 R919	
31	4		620-003251-100			100	RESISTOR, 1/16W, 5% - SMD	R400 R501 R508 R737	0402
32	15		620-003251-10K			10K	RESISTOR, 1/16W, 5% - SMD	R613 R700 R701 R732 R807 R811 R814 R905 R906 R907 R909 R910 R913 R917 R918	0402
33	7		620-003251-10R			10	RESISTOR, 1/16W, 5% - SMD	R105 R107 R308 R414 R516 R600 R612	0402
34	3		620-003251-18R			18	RESISTOR, 1/16W, 5% - SMD	R305 R403 R411	0402
35	4		620-003251-1K0			1.0K	RESISTOR, 1/16W, 5% - SMD	R101 R900 R902 R915	0402
36	2		620-003251-1K1			1.1K	RESISTOR, 1/16W, 5% - SMD	R412 R416	0402
37	3		620-003251-1K5			1.5K	RESISTOR, 1/16W, 5% - SMD	R306 R610 R930	0402
38	1		620-003251-1M0			1.0M	RESISTOR, 1/16W, 5% - SMD	R805	0402
39	1		620-003251-20R			20	RESISTOR, 1/16W, 5% - SMD	R402	0402
40	2		620-003251-22R			22	RESISTOR, 1/16W, 5% - SMD	R806 R929	0402
41	2		620-003251-2K0			2.0K	RESISTOR, 1/16W, 5% - SMD	R500 R506	0402
42	6		620-003251-300			300	RESISTOR, 1/16W, 5% - SMD	R301 R304 R401 R404 R409 R410	0402
43	2		620-003251-3K9			3.9K	RESISTOR, 1/16W, 5% - SMD	R505 R748	0402
44	3		620-003251-470			470	RESISTOR, 1/16W, 5% - SMD	R741 R743 R908	0402
45	5		620-003251-47K			47K	RESISTOR, 1/16W, 5% - SMD	R611 R744 R745 R746 R747	0402
46	9		620-003251-51R			51	RESISTOR, 1/16W, 5% - SMD	R1 R100 R104 R106 R2 R50 R51 R517 R522	0402
47	2		620-003251-680			680	RESISTOR, 1/16W, 5% - SMD	R307 R725	0402
48	29		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 R800 R801 R802 R803 R804 R920 R921 R922 R923 R924 R925 R926 R927	0402
49	2		620-003251-82R			82	RESISTOR, 1/16W, 5% - SMD	R309 R310	0402
50	1		620-003251-91R			91	RESISTOR, 1/16W, 5% - SMD	R311	0402
51	1		620-003521-11K5			11.5K	RESISTOR, 1/16W 1% -SMD	R406	0402
52	4		620-003521-124R			124	RESISTOR, 1/16W 1% -SMD	R705 R712 R716 R718	0402

NOTE: SEE SOURCE CONTROL DRAWINGS FOR ORDERING INFORMATION.

DRAWN:	Susan Wagner		
APPROVAL:	Steve Cloud	APPROVED	19-May-00
CHECKED:			

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REVISIONS		
REV	ECN	DESCRIPTION
AB0	2445	INCORPORATED ECN

h a **Aironet Wireless Communications, Inc.**
Fairlawn, Ohio 44333

BILL OF MATERIALS
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Assy -002: 128-bit EEPROM (Cont'd)

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
53	1		620-003521-12K1			12.1K	RESISTOR, 1/16W 1% -SMD	R706	0402
54	2		620-003521-19K1			19.1K	RESISTOR, 1/16W 1% -SMD	R713 R714	0402
55	1		620-003521-1K50			1.50K	RESISTOR, 1/16W 1% -SMD	R407	0402
56	1		620-003521-2K87			2.87K	RESISTOR, 1/16W 1% -SMD	R510	0402
57	2		620-003521-3K74			3.74K	RESISTOR, 1/16W 1% -SMD	R102 R103	0402
58	2		620-003521-536R			536	RESISTOR, 1/16W 1% -SMD	R704 R717	0402
59	1		620-003521-976R			976	RESISTOR, 1/16W 1% -SMD	R726	0402
60	1		620-003521-9K53			9.53K	RESISTOR, 1/16W 1% -SMD	R408	0402
61	1		622-000677-U22			220nF	CAPACITOR X7R 25V 10% - SMD	C518	0805
62	2		622-001257-30P			30pF	CAPACITOR, NPO 50V 5%	C801 C802	0603
63	1		622-001347-2U2			2.2uF	CAPACITOR TANTALUM 6.3V 20% - SMD	C901	3216
64	1		622-001699-N22			220pF	CAPACITOR X7R 50V 10%	C513	0603
65	1		622-002995-1U0			1uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C806	0805P
66	1		622-002996-1U0			1.0uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C715	3216L
67	1		622-002996-2U2			2.2uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C902	3216L
68	1		622-002997-10U			10uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C612	3528L
69	5		622-002997-4U7			4.7uF	CAPACITOR, TANT 10V 20%, LOW PROFILE	C502 C505 C520 C527 C810	3528L
70	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
71	1		622-003315-3N9			3.9nF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C521	0402
72	5		622-003315-N22			220pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C202 C203 C417 C427 C514	0402
73	1		622-003315-N27			270pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C100	0402
74	5		622-003315-N47			470pF	CAPACITOR, X7R, 50V, 10% TOL. CLASS 2	C500 C503 C516 C531 C808	0402
75	2		622-003317-68P			68pF	CAPACITOR, 50V, COG, 10% - SMD	C701 C702	0402
76	31		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 C609 C610 C611 C613 C616 C700 C707 C708 C711 C712 C717 C718 C719 C722	0402
77	7		622-003319-22P			22pF	CAPACITOR, 50V, COG, 5% - SMD	C200 C201 C302 C419 C420 C425 C614	0402

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APPROVAL: Steve Cloud	APPROVED	19-May-00
CHECKED:		

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Fairlawn, Ohio 44333

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Assy -002: 128-bit EEPROM (Cont'd)

Item	Qty	Doc	Part Number	Rev	Fab	Value/Item	Description	Reference Designator	Cell
78	6		622-003319-N10			100pF	CAPACITOR, 50V, COG, 5% - SMD	C400 C525 C526 C533 C534 C538	0402
79	35		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 C800 C803 C804 C805 C807 C900 C903	0603
80	1		622-003636-22N			22nF	CAPACITOR, X7R 16V, 10% - SMD	C522	0603
81	1		622-003636-68N			68nF	CAPACITOR, X7R 16V, 10% - SMD	C301	0603
82	3		622-003842-1P0			1.0pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C104 C105 C107	0402
83	1		622-003842-2P7			2.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C106	0402
84	1		622-003842-3P9			3.9pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C431	0402
85	2		622-003842-4P7			4.7pF	CAPACITOR, 50V, COG,+/- .25PF - SMD	C418 C428	0402
86	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
87	1		622-003843-6P8			6.8pF	CAPACITOR, 50V, COG,+/- .50PF - SMD	C408	0402
88	1		622-003925-U10			100nF	CAPACITOR, Y5V,10V,+80-20% - SMD	C809	0805
89	1		622-004940-U68			680nF	CAPACITOR, X7R, 10V, 10%	C303	0805
90	2		624-001952			24 Ohms at 100MHz	INDUCTOR, EMI CHIP BEAD, 500MA - SMD	FB900 FB901	1206
91	1		624-003405-18N			18nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L200	0603
92	4		624-003405-33N			33nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L404 L405 L500 L501	0603
93	1		624-003405-39N			39nH	INDUCTOR, LL1608-FH, HIGH Q, 5% - SMD	L201	0603
94	1		624-003759-U56			560nH	INDUCTOR, 1008HS SERIES, 2% - SMD	L600	1008HS
95	4		624-003827-15N			15nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L1 L101 L104 L2	0402
96	1		624-003827-6N8			6.8nH	INDUCTOR, LL1005-FH, HIGH Q, 10% - SMD	L100	0402
97	1		624-003844-2N2			2.2nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L103	0402
98	1		624-003844-2N7			2.7nH	INDUCTOR,LL1005-FH SERIES,+/-0.3NH,300MA	L102	0402
99	1		625-004777			ENFVH172S80	VCO, 748 MHZ, +/-5MHZ	U504	ENFVH1
100	1		625-004778			ENFVH1K2S81	VCO, 2023 TO 2125 MHZ	U300	ENFVH1
101	1		625-004850-50K			50KHz	IC, OSCILLATOR/DIVIDER, 3V	Y600	SO8
102	1		625-005059			44.000MHz	OSCILLATOR MODULE,44MHZ,+/- 25 PPM,GROUP	Y601	004761

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Assy -002: 128-bit EEPROM (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>
103	1		625-005518-12M			12MHz, +/-50ppm,SERIES R	CRYSTAL, +/-50PPM, SERIES RESONANT	Y800	001353
104	3		627-003301			LFSN30N17C2450B	FILTER, BANDPASS, ISM-2.4 , CHIP	FL100 FL300 FL400	003301
105	1		627-004774			855653	FILTER, SAW, 374MHZ BANDPASS	FL200	SMP28
106	1		651-005651-GRN			GREEN 30mcd	LED, DOME LENS, 40 DEG.	DS1	005651
107	1		651-005651-ORG			ORANGE 20mcd	LED, DOME LENS, 40 DEG.	DS2	005651
108	1		672-004875			MM8329-2600	CONNECTOR, COAXIAL WITH SWITCH	J1	004875
109	1		672-005654-004			USBS-BRSMT	CONNECTOR, USB SERIES B, R/A, SHIELDED	J800	005654

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