

CHANGES:

NEXT ASSY

(A): New

	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
	A4	A4	A4	A3	A3													
REV.	A	A	A	A	A													
															A	DR03581	JWi	05/99
															REV	DR-NUMBER	INIT.	DATE

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Lucent Technologies
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LUCENT TECHNOLOGIES
NEDERLAND B. V./WCND

UNIT : WaveLAN/IEEE PC Card type 2 HS 16 bit 3V/5V

NAME : BOARD ASSY

DESIGNER: Lucent
Technologies WCND

DATE: May 04 1999

SUPSD.BY:

SUPSDS:

SHEET : 1 OF 6
SCALE :
CODE :

DOCUMENT NO.

011438

ITEM	PART NUMBER	REQ'D	DESCRIPTION	DESIGNATOR
1 000035	2 B3629, SIEMENS, B39351B3629Z10			U10 U11
2 000038	1 MIC2920A-3.3BS, MICREL, MIC2920A-3.3BS			U4
3 000039	4 IND, BLM21B222, MURATA, BLM21B222			L3 L4 L109 L110
4 001748	2 CAP, 1uF, MURATA, GRM40X5R105K10			C4 C37
5 001749	1 CAP, 2.2uF, MURATA, GRM40Y5V225Z10			C32
6 001906	4 IND, 10uH, MURATA, LQG21C100N00			L100 L101 L102
				L103
7 002236	1 RES, 82.5, KOA, RK73H1JT82R5F			R128
8 002664	1 CAP, 4.7pF, MURATA, GRM39COG4R7C50			C6
9 002675	4 CAP, 12pF, MURATA, GRM39COG120J50			C38 C39 C54 C61
10 002737	2 CAP, 22nF, MURATA, GRM39X7R223K25			C7 C138
11 002748	1 CAP, 1uF, MURATA, GRM39Y5V105Z10			C240
12 002851	2 IND, 1.8nH, COILCRAFT, 0603CS-1N8XKBC			L107 L108
13 002861	1 IND, 39nH, COILCRAFT, 0603CS-39NXJBC			L10
14 002882	3 IND, 12nH, TOKO, LL1608-FH12NJ			L5 L6 L7
15 002885	3 IND, 22nH, TOKO, LL1608-FH22NJ			L2 L8 L9
16 002886	1 IND, 27nH, TOKO, LL1608-FH27NJ			L12
17 002887	2 IND, 33nH, TOKO, LL1608-FH33NJ			L104 L105
18 002889	1 IND, 47nH, TOKO, LL1608-FH47NJ			L11
19 002891	1 IND, 68nH, TOKO, LL1608-FH68NJ			L106
20 002893	1 IND, 100nH, TOKO, LL1608-FHR10J			L1
21 003244	3 RES, 100, KOA, RK73H1ETP1000F			R134 R139 R420
22 003290	5 RES, 301, KOA, RK73H1ETP3010F			R142 R143 R416
				R417 R418
23 003302	4 RES, 402, KOA, RK73H1ETP4020F			R115 R116 R117
				R118
24 003311	2 RES, 499, KOA, RK73H1ETP4990F			R210 R238
25 003334	2 RES, 866, KOA, RK73H1ETP8660F			R107 R113
26 003340	8 RES, 1.00k, KOA, RK73H1ETP1001F			R17 R18 R22 R32
				R132 R406 R407
				R409
27 003346	1 RES, 1.15k, KOA, RK73H1ETP1151F			R135
28 003357	3 RES, 1.50k, KOA, RK73H1ETP1501F			R23 R146 R155
29 003369	9 RES, 2.00k, KOA, RK73H1ETP2001F			R7 R26 R28 R29 R30
				R154 R206 R208
				R237
30 003396	1 RES, 3.83k, KOA, RK73H1ETP3831F			R153
31 003402	1 RES, 4.42k, KOA, RK73H1ETP4421F			R1
32 003405	2 RES, 4.75k, KOA, RK73H1ETP4751F			R130 R265
33 003412	1 RES, 5.62k, KOA, RK73H1ETP5621F			R149
34 003436	10 RES, 10.0k, KOA, RK73H1ETP1002F			R25 R27 R119 R120
				R127 R133 R136
				R156 R241 R267
35 003453	2 RES, 15.0k, KOA, RK73H1ETP1502F			R144 R408
36 003465	10 RES, 20.0k, KOA, RK73H1ETP2002F			R34 R36 R38 R122
				R200 R202 R272
				R410 R411 R412
37 003485	6 RES, 32.4k, KOA, RK73H1ETP3242F			R123 R125 R129
				R151 R205 R207
38 003493	3 RES, 39.2k, KOA, RK73H1ETP3922F			R14 R16 R131
39 003501	2 RES, 47.5k, KOA, RK73H1ETP4752F			R6 R15
40 003653	6 CAP, 1.0pF, MURATA, GRM36COG1R0C50			C8 C11 C35 C41 C56
				C162
41 003658	6 CAP, 2.2pF, MURATA, GRM36COG2R2C50			C46 C47 C52 C67
				C140 C402
42 003659	2 CAP, 2.7pF, MURATA, GRM36COG2R7C50			C124 C126

 LUCENT TECHNOLOG NEDERLAND B. V. /WCND		011438	
UNIT : WaveLAN/IEEE PC Card type 2 HS 16 bit 3V/5V		SCALE:	REV. A
NAME : BOARD ASSY		CODE:	SHEET 2 OF 6

ITEM	PART NUMBER	REQ'D	DESCRIPTION	DESIGNATOR
43 003662	3 CAP, 3.9pF, MURATA, GRM36COG3R9C50			C36 C64 C156
44 003671	3 CAP, 8.2pF, MURATA, GRM36COG8R2C50			C29 C30 C136
45 003673	3 CAP, 10pF, MURATA, GRM36COG100C50			C51 C63 C401
46 003675	19 CAP, 12pF, MURATA, GRM36COG120J50			C16 C17 C25 C31 C42 C43 C49 C50 C53 C55 C62 C109 C111 C130 C133 C134 C137 C144 C145
47 003681	11 CAP, 22pF, MURATA, GRM36COG220J50			C139 C141 C142 C143 C153 C154 C155 C157 C158 C159 C400
48 003683	2 CAP, 27pF, MURATA, GRM36COG270J50			C100 C110
49 003689	2 CAP, 47pF, MURATA, GRM36COG470J50			C9 C10
50 003697	1 CAP, 100pF, MURATA, GRM36COG101J50			C169
51 003699	8 CAP, 120pF, MURATA, GRM36COG121J50			C60 C125 C127 C128 C146 C148 C151 C207
52 003714	14 CAP, 1nF, MURATA, GRM36X7R102K50			C21 C24 C68 C112 C118 C119 C121 C123 C152 C200 C202 C205 C206 C212
53 003715	1 CAP, 1.2nF, MURATA, GRM36X7R122K50			C147
54 003719	1 CAP, 2.7nF, MURATA, GRM36X7R272K50			C57
55 003721	1 CAP, 3.9nF, MURATA, GRM36X7R392K50			C1
56 003727	5 CAP, 15nF, MURATA, GRM36Y5V153Z50			C40 C114 C115 C117 C201
57 003731	30 CAP, 100nF, MURATA, GRM36Y5V104Z16			C5 C19 C20 C45 C48 C65 C104 C113 C120 C122 C150 C168 C170 C203 C209 C218 C239 C244 C267 C272 C273 C274 C275 C276 C280 C281 C404 C405 C406 C407
58 003856	1 IND, 2.7nH, TOKO, LL1005-FH2N7S			L400
59 003866	2 IND, 18nH, TOKO, LL1005-FH18NK			L402 L403
60 005051	9 RES, 0, KOA, RM73Z1ETD			R145 R230 R263 R264 R269 R273 R275 R401 R415
61 005076	3 RES, 10, KOA, RM73B1ETP10RJ			R9 R35 R124
62 005083	2 RES, 20, KOA, RM73B1ETP20RJ			R222 R223
63 005100	6 RES, 100k, KOA, RM73B1ETP1003J			R121 R203 R209 R266 R268 R404
64 005107	1 RES, 200k, KOA, RM73B1ETP2003J			R405
65 005125	1 RES, 1.0, KOA, RK73H2A1R0F			R12
66 005139	1 RES, 3.9, KOA, RK73H2A3R9F			R11
67 008000	3 CAP, 10uF, MURATA, GRM235Y5V106Z16			C14 C18 C403
68 010001	1 SA2420, PHILIPS, SA2420			U106
69 010002	1 SA1630B, PHILIPS, SA1630B			U102
70 010003	2 BFP420, SIEMENS, Q62702-F1591			Q3 Q105
71 010005	1 SI2301DS, SILICONIX, (TEMIC)			Q1
72 010006	1 MQE901_704, MURATA, MQE901-704			U3
73 010009	1 BFP450, SIEMENS, Q62702-F1590			Q2

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UNIT : WaveLAN/IEEE PC Card type 2 HS 16 bit 3V/5V		SCALE:	REV. A
NAME : BOARD ASSY		CODE:	SHEET 3 OF 6

ITEM	PART NUMBER	REQ'D	DESCRIPTION	DESIGNATOR
74 010004_	1 MA-LC22.000MHz, USI, MA-LC22.000MHz			U8
75 010010	1 74LVC00PW			U19
76 010011	4 BC847BW, PHILIPS, BC847BW			Q100 Q101 Q104 Q107
77 010012	3 BC857BW, PHILIPS, BC857BW			Q5 Q108 Q109
78 010013	1 HSMS-2850, HP, HSMS2850			D2
79 010014	1 CON_68_POLIG, PCMCIA_ITT, 1215820032			J3
80 010015	1 UMA1021M, PHILIPS, UMA1021M			U105
81 010016	2 BCV62, PHILIPS, BCV62B			Q102 Q103
82 010017	2 TLV431ACDBV5, TEXAS, TLV431ACDBV5			D101 D105
83 010018	1 RF_CONN_INBOARD, RADIAL, R299.794.000			J100
84 010019	2 LFSN30N17C2450B, MURATA, LFSN30N17C2450B			U14 U20
85 010020	2 LGM670_K, SIEMENS, Q62703-Q3394			D107 D108
86 010021	1 BAR64_03W, SIEMENS, BAR64-03W			D106
87 010023	1 LFJ30_03B2450BA100, MURATA, LFJ30_03B2450BA100			U16
88 010066	1 Label_Board_Level_8X32_mm			
89 010129	1 ANTENNA_TX/RX_R, TAI_SHENG, 50-20085-01			U104
90 010130	1 ANTENNA_TX/RX_L, TAI_SHENG, 50-20086-01			U100
91 010139	2 Shield_Spring_Long_SH3_SH4			
92 010140	2 Shield_Spring_Short_SH1_SH2			
93 010202	1 emi_fil, NFM61R 4.7nF, MURATA, NFM61R30T472			C3
94 010203	2 BAR80, SIEMENS, BAR80			D3 D6
95 010204	3 BAR63_03W, SIEMENS, BAR63-03W			D1 D4 D5
96 010206	2 MIC5205, MICREL, MIC5205BM5			U6 U211
97 010334	1 BU4S71, ROHM, BU4S71			U9
98 010456	1 BAT17, SIEMENS, Q62702-A504			D207
99 010570	2 LP62S1024, ELITEMT, LP62S1024			U207 U210
100 010638	5 Finger_Beryllium_Copper_CL2_CL5_CL6_CL9_CL14			
101 010827	1 HERMES, LUCENT, HERMES			U202
102 010831	1 Board_printed			
103 010843	REF Schematic			
104 010844	FILE Solder_Paste_A			
105 010845	FILE Solder_Paste_B			
106 010846	FILE Comp_Center_List			
107 010847	FILE Neutral_File			
108 011206	1 SST29LE010, SST, SST29LE010_EH			U212
109 011279	1 MQH_301_2096, MURATA, MQH-301-2096			U15
110 011421	1 THESEUS_HS, LUCENT, THESEUS_HS			U200

 LUCENT TECHNOLOG NEDERLAND B. V. /WCND		011438	
UNIT : WaveLAN/IEEE PC Card type 2 HS 16 bit 3V/5V		SCALE:	REV. A
NAME : BOARD ASSY		CODE:	SHEET 4 OF 6