

EXHIBIT 6

6.0 *Technical Specifications*

6.1 Bill of Materials

Effectivity Date : 07-06-99 Printed on: 08:34:56 JUL 06 1999
 50942 - ASY BASIC, WIRELESS LAN

LI-Item X ..Part Number... Rev .Quantity. Alt-Part#... ..Reference Designator..... .UM. ECO No. ECO Date Strt Use End Use.
 Description Inv Oper. Yield%

P 50942 P1 1.0000
 ASY BASIC, WIRELESS LAN
 PCMCIA w/ EXT ANTENNA

1-5	0230-01 BOARD, PCMCIA WIRELESS LAN, (6L)	C	1.0000	10	EA	100.00
2-10	P D0010 Label Marking Spec for Board ID Label, Asy Basic	E	0.0000	10	EA	100.00
3-20	1010 CAP, 2.0 PF +/--.25PF 50V SMD 0603, NPO	*	1.0000	10	EA	100.00
4-25	1008 CAP, 1.8 PF +/--.25pf 50V SMD 0402, NPO	B	1.0000	10	EA	100.00
5-30	1020 CAP, 5.0 PF +/--.25PF 50V SMD 0402, NPO	*	6.0000	10	EA	100.00
6-35	1025 CAP, 5.6 PF +/--.25PF 50V SMD 0402, NPO	*	2.0000	10	EA	100.00
7-45	1040 CAP, 10 PF +/--.25PF 50V SMD 0402, NPO	*	1.0000	10	EA	100.00
8-50	1045 CAP, 15 PF 1% 25V NPO SMD 0402	*	2.0000	10	EA	100.00
9-55	1050 CAP, 20 PF 1% 25V NPO SMD 0402	*	1.0000	10	EA	100.00
10-60	1055 CAP, 22 PF 5% 50V NPO SMD 0402	*	8.0000	10	EA	100.00
11-65	1060 CAP, 47 PF 5% 50V NPO SMD 0402	*	4.0000	10	EA	100.00
12-70	1321 CAP, 100 PF 1% 25V NPO	*	6.0000	10	EA	100.00

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	SMD 0402										
13-75	1322 CAP, 100 PF 5% 50V NPO SMD 0402	*	20.0000	10		EA C6,9,11,12,14,15,22,43,47,48,65, 69,72,90,92,100,104,109,110,118	100.00				
14-80	1215 CAP, 12 PF 5% 25V NPO SMD 0402	B	1.0000	10		EA C93	100.00				
15-85	1368 CAP, 500 PF 5% 50V X7R SMD 0402	*	2.0000	10		EA C32,154	100.00				
16-90	1378 CAP, 1000 PF 10% 25V X7R SMD 0402	*	15.0000	10		EA C17,19,25,30,33,39,50,63,64,75,95, 113,138,140,141	100.00				
17-95	1389 CAP, 1200 PF 5% 25V X7R SMD 0402	*	1.0000	10		EA C86	100.00				
18-100	1394 CAP, 2200 PF 5% 50V X7R SMD 0402	*	1.0000	10		EA C142	100.00				
19-105	1421 CAP, 5600 PF 5% 16V X7R SMD 0402	*	1.0000	10		EA C91	100.00				
20-110	1426 CAP, 6800 PF 5% 50V X7R SMD 0603	*	1.0000	10		EA C89	100.00				
21-115	1462 CAP, .01 UF 10% 16V X7R SMD 0402	*	16.0000	10		EA C1,2,3,4,5,7,8,10,16,29,35,76,94,96, 147,153	100.00				
22-120	1595 CAP, .056 UF 5% 16V X7R SMD 0805	*	1.0000	10		EA C115	100.00				
23-125	1596 CAP, .068 UF 5% 16V X7R SMD 0805	*	1.0000	10		EA C97	100.00				
24-130	1626 CAP, .1 UF 10% 16V X7R SMD 0603	*	39.0000	10		EA C21,26,27,34,36,37,38,40,41,42,45, 46,53,55,57,58,66,70,71,74,79,80,82, 99,101,102,106,119,120,121,124,125,	100.00				

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25-135	1827	* 7.0000	10	EA	100.00
	CAP, 4.7 UF 10% 6V TANT				
	SMD A-CASE (Low Profile)				
26-140	1828	* 2.0000	10	EA	100.00
	CAP, 4.7 UF 10% 10V TANT				
	SMD B-CASE (Low Profile)				
27-145	1892	* 1.0000	10	EA	100.00
	CAP, 10 UF 10% 10V TANT				
	SMD B-CASE (Low Profile)				
28-150	P 90000	* 1.0000	10	EA	100.00
	OPEN				
29-155	9008	* 13.0000	10	EA	100.00
	RES, 0 OHM 1/16W				
	SMD 0402				
30-160	9019	* 1.0000	10	EA	100.00
	RES, 1.00 OHM 1% 1/16W				
	SMD 0603				
31-165	9083	* 2.0000	10	EA	100.00
	RES, 10 OHM 5% 1/16W				
	SMD 0402				
32-170	9138	* 2.0000	10	EA	100.00
	RES, 22 Ohm 5% 1/16W				
	SMD 0402				
33-175	9145	* 2.0000	10	EA	100.00
	RES, 24 OHM 5% 1/16W				
	SMD 0402				
34-177	9166	* 1.0000	10	EA	100.00
	RES, 33 OHM 5% 1/16W				
	SMD 0402				
35-180	9169	* 1.0000	10	EA	100.00
	RES, 43 OHM 5% 1/16W				
	SMD 0402				
36-185	9212	* 1.0000	10	EA	100.00
	RES, 68 OHM 5% 1/16W				
	SMD 0402				

126,127,128,129,130,132,136

C51,56,83,85,133,134,159

C84,135

C81

C158

(Open Capacitor Locations)

R7,20,48,49,55,56,59,60,61,62,66,69, 98

R3

R39,85

R10,58

R47,53

R86

R36

R45

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37-190	9224 RES, 75 OHM 5% 1/16W SMD 0402	*	1.0000	10	R51	EA	100.00			
38-195	9228 RES, 100 OHM 5% 1/16W SMD 0402	*	1.0000	10	R78	EA	100.00			
39-200	9323 RES, 220 OHM 5% 1/16W SMD 0402	*	2.0000	10	R2,33	EA	100.00			
40-205	9375 RES, 261 OHM 1% 1/16W SMD 0402	*	1.0000	10	R5	EA	100.00			
41-210	9389 RES, 316 OHM 1% 1/16W SMD 0603	*	1.0000	10	R17	EA	100.00			
42-215	9394 RES, 330 OHM 5% 1/10W SMD 0805	*	1.0000	10	R32	EA	100.00			
43-220	9397 RES, 330 OHM 5% 1/16W SMD 0402	*	2.0000	10	R21,24	EA	100.00			
44-230	9463 RES, 560 OHM 5% 1/16W SMD 0402	*	1.0000	10	R9	EA	100.00			
45-235	9494 RES, 680 OHM 5% 1/16W SMD 0402	*	1.0000	10	R42	EA	100.00			
46-240	9501 RES, 820 OHM 5% 1/16W SMD 0402	*	2.0000	10	R26,82	EA	100.00			
47-245	9511 RES, 909 OHM 1% 1/16W SMD 0402	*	1.0000	10	R34	EA	100.00			
48-250	9531 RES, 1K 5% 1/16W SMD 0402	*	1.0000	10	R4	EA	100.00			
49-255	9561 RES, 1.3K 5% 1/16W	*	1.0000	10	R44	EA	100.00			

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SMD 0402

50-260	9589	RES, 1.5K 5% 1/16W	2.0000	10	R35,50	EA	100.00
	SMD 0402						
51-265	9659	RES, 2.0K 5% 1/16W	1.0000	10	R37	EA	100.00
	SMD 0402						
52-270	9658	RES, 2.00K 1% 1/16W	1.0000	10	R64	EA	100.00
	SMD 0402						
53-275	9724	RES, 3.01K 1% 1/16W	2.0000	10	R14,25	EA	100.00
	SMD 0402						
54-280	9762	RES, 3.9K 5% 1/16W	1.0000	10	R13	EA	100.00
	SMD 0402						
55-285	9793	RES, 4.7K 5% 1/16W	2.0000	10	R38,76	EA	100.00
	SMD 0402						
56-290	9915	RES, 8.2K 5% 1/16W	1.0000	10	R22	EA	100.00
	SMD 0402						
57-295	9949	RES, 10K 5% 1/16W	2.0000	10	R31,41	EA	100.00
	SMD 0402						
58-300	10022	RES, 15K 5% 1/16W	8.0000	10	R46,77,99,100,101,102,103,104	EA	100.00
	SMD 0402						
59-305	10376	RES, 47K 5% 1/16W	1.0000	10	R63	EA	100.00
	SMD 0402						
60-310	10423	RES, 56 Ohm 5% 1/16W	2.0000	10	R23,87	EA	100.00
	SMD 0402						
61-315	10485	RES, 715 OHM 1% 1/16W	2.0000	10	R43,84	EA	100.00
	SMD 0402						

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	Description			Inv	Oper.		Yield%			

62-320	10494 RES, 750 Ohm 5% 1/16W SMD 0402	*	1.0000	10	R52	EA	100.00
63-325	10529 RES, 100K 5% 1/16W SMD 0402	*	1.0000	10	R27	EA	100.00
64-330	10663 RES, 390K 5% 1/16W SMD 0402	*	1.0000	10	R79	EA	100.00
65-335	10675 RES, 470K 5% 1/16W SMD 0402	*	1.0000	10	R65	EA	100.00
66-340	10807 RES, 9.1K 5% 1/16W SMD 0402	*	1.0000	10	R1	EA	100.00
67-345	10814 RES, 10M 5% 1/16W SMD 0603	*	1.0000	10	R57	EA	100.00
68-350	11001 TRIM POT, 1K 25% SMD	*	1.0000	10	R75	EA	100.00
69-355	11002 TRIM POT, 200 Ohm 25% SMD	*	1.0000	10	R19	EA	100.00
70-357	9006 RES, 0 OHM 5% 1/16W SMD 0603	*	1.0000	10	L10	EA	100.00
71-360	P 90000 OPEN	*	3.0000	10	R68,70,97 (Open Resistor Locations)	EA	100.00
72-363	7055 INDUCTOR, 82 NH 10% .9ohm RF 850 MHZ SRF SMD 0805	*	1.0000	10	L11	EA	100.00
73-365	7075 INDUCTOR, FERRITE BEAD 32Ohm@100Mhz 25%, SMD1206	*	7.0000	10	L1,8,12,19,21,22,24	EA	100.00
74-370	7076 INDUCTOR, 10 NH 2% RF	*	1.0000	10	L3	EA	100.00

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SMD 0603

75-375	7077	*	1.0000	10	L17	EA	100.00
	INDUCTOR, 12 NH 2% RF						
	SMD 0603						
76-375	7078	*	1.0000	10	L14	EA	100.00
	INDUCTOR, 68 NH 2% RF						
	SMD 0805						
77-385	7079	*	1.0000	10	L16	EA	100.00
	INDUCTOR, 12 NH 10% RF						
	SMD 0603						
78-390	7082	*	3.0000	10	L7,9,23	EA	100.00
	INDUCTOR, 15 NH 10% RF						
	SMD 0603						
79-400	7084	*	3.0000	10	L2,4,5	EA	100.00
	INDUCTOR, 33 NH 10% RF						
	SMD 0603						
80-405	7085	*	2.0000	10	L6,15	EA	100.00
	INDUCTOR, 39 NH 10% RF						
	SMD 0603						
81-410	P 90000	*	1.0000	10	(Open Passive Components)	EA	100.00
	OPEN						
82-415	5652	*	1.0000	10	CR3	EA	100.00
	DIODE, DUAL TUNING						
	SIEMANS BBY51						
83-420	13205	*	2.0000	10	U9,25	EA	100.00
	TRANSISTOR, DUAL MOS-FET						
	12v 2.5A .13Ohm, SOIC8						
84-425	6636	*	3.0000	10	Q1,3,5	EA	100.00
	TRANSISTOR, MMET2222A						
	SOT-23, NPN, IC=600MA						
85-430	13204	*	1.0000	10	Q2	EA	100.00
	TRANSISTOR, NPN Hi-Gain						
	9Ghz, SOT23						
86-435	13206	*	1.0000	10	Q4	EA	100.00
	TRANSISTOR, PN2907 PNP						
	SOT23						

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				Inv	Oper.						Yield%

87-440	5870 LED, GREEN SMD 1206	P0	1.0000	10	DS1	EA	100.00
88-445	5872 LED, RED SMD 1206	P0	1.0000	10	DS3	EA	100.00
89-450	5871 LED, YELLOW SMD 1206	P0	1.0000	10	DS2	EA	100.00
90-455	P 90000 OPEN	*	0.0000	10	(Open Active Components)	EA	100.00
91-460	4019 CRYSTAL OSC, 22 Mhz 25PPM 3.3V	*	2.0000	10	U20,23	EA	100.00
92-465	4111 CRYSTAL, 32.768Khz SMD	*	1.0000	10	U11	EA	100.00
93-470	4128 CRYSTAL OSC, 40 Mhz 100 PPM	*	1.0000	10	U10	EA	100.00
94-475	6208 IC MEM, AM29F010-45EC TSOP 32 PKG	A	1.0000	10	U2	EA	100.00
95-480	6279 IC MEM, 32Kx8-55NS SRAM LoPwr, TSOP-28	*	1.0000	10	U8	EA	100.00
96-485	6682 IC REGULATOR, 3.5V @ 2.4% W/ ON/OFF CNTL, SOT23L	*	3.0000	10	U13,16,21	EA	100.00
97-490	6683 IC REGULATOR, HARRIS ICL7660SIBA-T, SMD Pkg	*	1.0000	10	U12	EA	100.00
98-495	6972 IC OTHER, WIRELESS LAN MAC 79c930, PQFP144	*	1.0000	10	U3	EA	100.00
99-500	6973 IC OTHER, VCO ISM BAND	*	1.0000	10	U18	EA	100.00

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KXN1332A, SMD Pkg

100-505	6974	*	2.0000	10	U19,24	EA	100.00
	IC CHIP, HARRIS HFA3424 (LNA), #1/6						
101-510	6975	*	1.0000	10	U22	EA	100.00
	IC CHIP, HARRIS HFA3524 (Synthesizer), #2/6						
102-515	6976	*	1.0000	10	U4	EA	100.00
	IC CHIP, HARRIS HFA3624 (RF/IF), #3/6 (2per Unit)						
103-520	6977	*	1.0000	10	U1	EA	100.00
	IC CHIP, HARRIS HFA3726 (QMOD), #4/6						
104-525	6978	*	1.0000	10	U6	EA	100.00
	IC CHIP, HARRIS HFA3824A (BB), #5/6						
105-530	6979	*	1.0000	10	AR1	EA	100.00
	IC CHIP, HARRIS HFA3925 (Pwr Amp), #6/6						
106-535	6980	*	2.0000	10	U5,7	EA	100.00
	IC FILTER, 280 Mhz SAW BP SMD Pkg						
107-540	6981	*	2.0000	10	FL1,2	EA	100.00
	IC FILTER, LC BP ISM BAND SMD Pkg						
108-545	6982	*	3.0000	10	FL3,4,6	EA	100.00
	IC FILTER, 2.45 Ghz BP SMD Pkg						
109-550 P	90000	*	0.0000	10	(Open IC Locations)	EA	100.00
	OPEN						
110-555	3249	P0	1.0000	10	P1	EA	100.00
	CON, 68 POS, PCMCIA, .012 OFFSET STRADDLE, W-LAN						
111-557	3305	*	1.0000	10	J1	EA	100.00
	CON, MMCX EDGE MOUNT						

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112-559 P 90000	*	0.0000	EA	100.00
OPEN		10	(Open Other Components)	

113-561	15290	A	1.0000	10	EA	100.00
		SHIELD, PCMCIA TOP,				
		WIRELESS LAN				

114-565	15291	B	1.0000	EA
		SHIELD, PCMCIA BOTTOM,		10
		WIRELESS LAN		100.00

115-570 P 23179	*	1.0000	EA
ASY, PCMCIA COVERSET WITH		10	
EXT ANTENNA, WIRELESS LAN			100.00

116-575	15290-1	A	1.0000	
	SHIELD, PCMCIA TOP	INSUL	10	
	WIRELESS LAN			EA
				100.00

117-580	15291-1	A	1.0000	
	SHIELD, PCMCIA BTM	INSUL	10	
	WIRELESS LAN			EA
				100.00