

## 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 C 1.0000 10  
 BOARD, PCMCIA WIRELESS  
 LAN, (6L)

2-10 P D0010 E 0.0000 10  
 Label Marking Spec for  
 Board ID Label, Asy Basic

3-20 1010 \* 1.0000 10  
 CAP, 2.0 PF +/- .25PF 50V  
 SMD 0603, NPO C116

4-25 1008 B 1.0000 10  
 CAP, 1.8 PF +/- 0.25pf 50V  
 SMD 0402, NPO C68

5-30 1020 \* 6.0000 10  
 CAP, 5.0 PF +/- .25PF 50V  
 SMD 0402, NPO C59,123,131,137,144,151

6-35 1025 \* 2.0000 10  
 CAP, 5.6 PF +/- .25PF 50V  
 SMD 0402, NPO C78,122

7-45 1040 \* 1.0000 10  
 CAP, 10 PF +/- .25PF 50V  
 SMD 0402, NPO C31

8-50 1045 \* 2.0000 10  
 CAP, 15 PF 1% 25V NPO  
 SMD 0402 C73,77

9-55 1050 \* 1.0000 10  
 CAP, 20 PF 1% 25V NPO  
 SMD 0402 C62

10-60 1055 \* 8.0000 10  
 CAP, 22 PF 5% 50V NPO  
 SMD 0402 C23,24,52,67,98,143,156,157

11-65 1060 \* 4.0000 10  
 CAP, 47 PF 5% 50V NPO  
 SMD 0402 C13,18,28,60

12-70 1321 \* 6.0000 10  
 CAP, 100 PF 1% 25V NPO C44,49,54,61,111,155

EA

EA

EA

EA

EA

EA

EA

EA

EA

EA

EA

EA

EA

100.00

100.00

100.00

100.00

100.00

100.00

100.00

100.00



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25-135	1827	* 7.0000	EA	100.00				
	CAP, 4.7 UF 10% 6V TANT							
	SMD A-CASE (Low Profile)							
	1828	* 2.0000	EA	100.00				
	CAP, 4.7 UF 10% 10V TANT							
	SMD B-CASE (Low Profile)							
27-145	1892	* 1.0000	EA	100.00				
	CAP, 10 UF 10% 10V TANT							
	SMD B-CASE (Low Profile)							
28-150	P 90000	* 1.0000	EA	100.00				
	OPEN							
29-155	9008	* 13.0000	EA	100.00				
	RES, 0 OHM 1/16W							
	SMD 0402							
30-160	9019	* 1.0000	EA	100.00				
	RES, 1.00 OHM 1% 1/16W							
	SMD 0603							
31-165	9083	* 2.0000	EA	100.00				
	RES, 10 OHM 5% 1/16W							
	SMD 0402							
32-170	9138	* 2.0000	EA	100.00				
	RES, 22 Ohm 5% 1/16W							
	SMD 0402							
33-175	9145	* 2.0000	EA	100.00				
	RES, 24 OHM 5% 1/16W							
	SMD 0402							
34-177	9166	* 1.0000	EA	100.00				
	RES, 33 OHM 5% 1/16W							
	SMD 0402							
35-180	9169	* 1.0000	EA	100.00				
	RES, 43 OHM 5% 1/16W							
	SMD 0402							
36-185	9212	* 1.0000	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 SMD 0402	*	2.0000	10		R35,50	EA	100.00	
51-265	9659 RES, 2.0K 5% 1/16W SMD 0402	*	1.0000	10		R37	EA	100.00	
52-270	9658 RES, 2.00K 1% 1/16W SMD 0402	*	1.0000	10		R64	EA	100.00	
53-275	9724 RES, 3.01K 1% 1/16W SMD 0402	*	2.0000	10		R14,25	EA	100.00	
54-280	9762 RES, 3.9K 5% 1/16W SMD 0402	*	1.0000	10		R13	EA	100.00	
55-285	9793 RES, 4.7K 5% 1/16W SMD 0402	*	2.0000	10		R38,76	EA	100.00	
56-290	9915 RES, 8.2K 5% 1/16W SMD 0402	*	1.0000	10		R22	EA	100.00	
57-295	9949 RES, 10K 5% 1/16W SMD 0402	*	2.0000	10		R31,41	EA	100.00	
58-300	10022 RES, 15K 5% 1/16W SMD 0402	*	8.0000	10		R46,77,99,100,101,102,103,104	EA	100.00	
59-305	10376 RES, 47K 5% 1/16W SMD 0402	*	1.0000	10		R63	EA	100.00	
60-310	10423 RES, 56 Ohm 5% 1/16W SMD 0402	*	2.0000	10		R23,87	EA	100.00	
61-315	10485 RES, 715 OHM 1% 1/16W SMD 0402	*	2.0000	10		R43,84	EA	100.00	





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 Procedure: ECC-R-07  
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 Description Inv Oper. Yield%

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

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 Description Inv Oper. Yield%

LI-Item X	.Part Number..	Rev	.Quantity.	Alt-Part#	Reference Designator	UM	ECO No.	ECO Date	Strt Use	End Use	Yield%
	KXN1332A, SMD Pkg										
100-505	6974	*	2.0000		U19,24		EA				100.00
	IC CHIP, HARRIS HFA3424 (LNA), #1/6										
101-510	6975	*	1.0000		U22		EA				100.00
	IC CHIP, HARRIS HFA3524 (Synthesizer), #2/6										
102-515	6976	*	1.0000		U4		EA				100.00
	IC CHIP, HARRIS HFA3624 (RF/IF), #3/6 (2per Unit)										
103-520	6977	*	1.0000		U1		EA				100.00
	IC CHIP, HARRIS HFA3726 (QMOD), #4/6										
104-525	6978	*	1.0000		U6		EA				100.00
	IC CHIP, HARRIS HFA3824A (BB), #5/6										
105-530	6979	*	1.0000		AR1		EA				100.00
	IC CHIP, HARRIS HFA3925 (Pwr Amp), #6/6										
106-535	6980	*	2.0000		U5,7		EA				100.00
	IC FILTER, 280 Mhz SAW BP SMD Pkg										
107-540	6981	*	2.0000		FL1,2		EA				100.00
	IC FILTER, LC BP ISM BAND SMD Pkg										
108-545	6982	*	3.0000		FL3,4,6		EA				100.00
	IC FILTER, 2.45 Ghz BP SMD Pkg										
109-550 P	90000	*	0.0000		( Open IC Locations )		EA				100.00
	OPEN										
110-555	3249	P0	1.0000		P1		EA				100.00
	CON, 68 POS, PCMCIA, .012 OFFSET STRADDLE, W-LAN										
111-557	3305	*	1.0000		J1		EA				100.00
	CON, MMCX EDGE MOUNT										

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Description Inv Oper. Yield%

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

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

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

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

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

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