



MATERIALS			
ITEM	DESCRIPTION	QTY	UNIT
1	1/16\"	1	PCB
2	1/16\"	1	PCB
3	1/16\"	1	PCB
4	1/16\"	1	PCB
5	1/16\"	1	PCB
6	1/16\"	1	PCB
7	1/16\"	1	PCB
8	1/16\"	1	PCB
9	1/16\"	1	PCB
10	1/16\"	1	PCB
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36	1/16\"	1	PCB
37	1/16\"	1	PCB
38	1/16\"	1	PCB
39	1/16\"	1	PCB
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41	1/16\"	1	PCB
42	1/16\"	1	PCB
43	1/16\"	1	PCB
44	1/16\"	1	PCB
45	1/16\"	1	PCB
46	1/16\"	1	PCB
47	1/16\"	1	PCB
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49	1/16\"	1	PCB
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70	1/16\"	1	PCB
71	1/16\"	1	PCB
72	1/16\"	1	PCB
73	1/16\"	1	PCB
74	1/16\"	1	PCB
75	1/16\"	1	PCB
76	1/16\"	1	PCB
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78	1/16\"	1	PCB
79	1/16\"	1	PCB
80	1/16\"	1	PCB
81	1/16\"	1	PCB
82	1/16\"	1	PCB
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85	1/16\"	1	PCB
86	1/16\"	1	PCB
87	1/16\"	1	PCB
88	1/16\"	1	PCB
89	1/16\"	1	PCB
90	1/16\"	1	PCB
91	1/16\"	1	PCB
92	1/16\"	1	PCB
93	1/16\"	1	PCB
94	1/16\"	1	PCB
95	1/16\"	1	PCB
96	1/16\"	1	PCB
97	1/16\"	1	PCB
98	1/16\"	1	PCB
99	1/16\"	1	PCB
100	1/16\"	1	PCB

- IMPEDANCE CONTROL:  
100 OHM DIFFERENTIAL +/-10% 4.1 MIL TRACE.
- 5 MIL WIDTH TRACES TO BE CONTROLLED IMPEDANCE. 50 OHMS SINGLE ENDED ON ALL ROUTING LAYERS.
- SURFACE FINISH SHALL BE IMMERSION GOLD.
- FINISHED BOARD SHALL BE FREE OF BURRS ON EDGES.
- PLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .003 INCH.  
UNPLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .002 INCH.
- SOLDERMASK ON BOTH SIDES OF THE BOARD SHALL BE S.M.O.B.C., LPI, COLOR GREEN.
- MINIMUM TRACE AND SPACE SHALL BE .005 OF AN INCH.
- COPPER PLATED SURFACE CONDUCTORS SHALL BE THE EQUIVALENT OF 1 OZ. COPPER  
AFTER PLATING. PLANE LAYERS SHALL BE 1 OZ. COPPER. AVERAGE COPPER ON  
THE WALL OF THE PLATED HOLE SHALL BE .001 INCH.
- TOTAL BOARD THICKNESS SHALL BE .062 +/- .007 INCHES.  
ALL MATERIAL SHALL BE NEMA GRADE FR-4 OR EQUIVALENT. (Tg>170 DEG. C)

NOTES: UNLESS OTHERWISE SPECIFIED

APPROVED		SPECTRUM DIGITAL	
DESIGNED		DRAWN	
CHECKED		DATE	7-11-14
PROJECT		PROJECT	C2000-ET1100 ADAPTER BOARD
SCALE		SCALE	1/8" = 1"
SHEET		SHEET	1 OF 1
REV		REV	518031 REV C