



NOTES:

1. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES.
2. FINISH MATERIAL: 0.039" (1.0mm) THICK EPOXY GLASS NEMA GRADE FR4 OR EQUIVALENT, 1 OZ./SQ.FT. COPPER CLAD. THIS IS A 4 LAYER BOARD.  
LAYER STACK: 1)TOP 2)GND 3)ML1 4)BOT  
THIS PCB HAS 2.45MHz RADIO SIGNALS, 50 OHM TRACES.  
DIELECTRIC SPACING: TOP-GND=0.0065  
GND-ML1=0.021  
ML1-BOT=0.0065
3. PLATE ALL HOLES THROUGH 0.0010 INCH MINIMUM COPPER PLUS 0.0003 INCH MINIMUM SOLDER SIDEWALL THICKNESS, UNLESS NOTED OTHERWISE. ALL HOLE DIAMETERS ARE FINISHED SIZES. TOLERANCE IS +/-0.003 INCH.
4. THERE ARE 2 SOLDER MASKS, TOP (.TSM) & BOTTOM (.BSM). SOLDER MASK BOTH SIDES (HYSOL SR1020 OR EQUIVALENT) OVER BARE COPPER (SMOBC), WITH GOLD ON THE EXPOSED
5. COMPONENT SCREEN OVER SOLDER MASK, TOP (.TSS) AND B.
6. USE 0.0625 ROUTER FOR LARGE ROUTED SLOTS, DO NOT PL
- OK TO ROUTE OFF 1/2 OF THE PERIMETER PADS.  
USE 0.020 ROUTER FOR SMALL SLOTS, DO NOT PLATE.

DRILL CHART		
SYM	COUNT	SIZE(in) PLATED
+	1512	0.008 YES
X	90	0.012 YES
Y	36	0.014 NO
+	612	0.020 YES
X	4	0.125 NO

TOTAL 2254

Title			U.C. BERKELEY		
Size	Number			Rev	
B	EPIC-CORE	11-28-07		A	
Date	Tue Nov 20 2007	Drawn by		G.MYERS	
Filename	11-28-07.PCB	Sheet	of		

1	2	3	4	5
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1	2	3	4	5
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