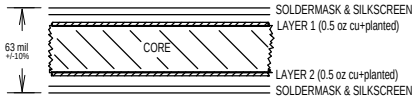
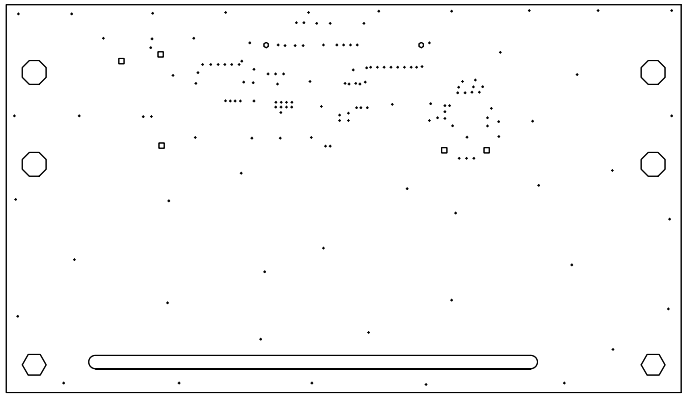
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1.0	EDITION ORIGINALE	2008-**-**	***

4 LAYER STUCK-UP



2 LAYER STUCKING



DRILL CHART: TOP to BOTTOM					
ALL UNITS ARE IN MILS					
FIGURE	SIZE	TOLERANCE	PLATED	ROTATION	QTY
·	12.0	+3.0/-3.0	PLATED	-	151
▫	40.0	+3.0/-3.0	PLATED	-	5
⬡	177.0	+3.0/-3.0	PLATED	-	2
∘	38.0	+2.0/-2.0	NON-PLATED	-	2
⬡	177.0	+2.0/-2.0	NON-PLATED	-	4

TOTAL HOLES: 164

NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS BOARD WILL CONFORM TO:
   IPC-A-600. CURRENT REV., CLASS II
   IPC-6012, CURRENT REV., CLASS II
2. ALL UNSPECIFIED DIMENSIONS AND TOLERANCES ARE IN INCHS.
3. UNLESS OTHERWISE SPECIFIED ALL HOLE DIMENSIONS APPLY AFTER PLATING.
   ALL HOLES SHALL BE LOCATED WITHIN .003" DIAMETER OF TRUE POSITION.
4. MATERIAL FR4 RATING 94V-0 MINIMUM EPOXY GLASS LAMINATE.
   SEE LAYER STACK-UP SEQUENCE FOR OVERALL THICKNESS.
5. IMENDANCE CONTROL (IF APPLICABLE) AND VENDER TO PROVIDE IMPEDANCE
   PATTERN COUPON AND TEST REPORT.
   SEE IMPEDANCE CONTROL TABLE FOR DETAIL INFORMATION.
6. BOARD SHALL BE LPI SOLDER MASKED OVER BARE COPPER BOTH SIDES PER
   IPC-SM-840 CLASS II.
   COLOR GREEN.
7. SILKSCREEN SHALL BE PERMANENT NON-CONDUCTIVE INK AND WITH NO OVERLAP
   ON ANY COMPONENT PAD OR THROUGH HOLE.
   COLOR WHITE.
8. SURFACE WILL BE FINISHED WITH 2-5 MICRO INCHES IMMERSION GOLD OVER 100 MICRO
   INCHES NICKEL.
9. MINIMUM ANNULAR RING OVER FINISHED HOLE SIZE:
   INTERNAL .002"
   EXTERNAL .003"
10. ALL VIAS UNDER BGA MUST BE COVERED AND PLUGGED WITH GREEN OIL.
11. REMOVE ALL SHAPE EDGES AND BURRS .005 MAXIMUM.
12. PLEASE USE THE SUPPLIED IPC 356 NETLIST TO VERIFY BOARD BEFORE
    FABRICATING BOARD.

SOFER
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LAYER: FAB DARWING & DRILL LEGEND		COMPANY NAME: ST	
DESIGNER: Shelley		PROJECT NAME: MB1046	
DATE: 2013.06.07		PROJECT NUMBER: D031-006B2	REV B

UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
DIMENSIONS ARE IN INCHES TOLERANCES ON; 2 PL DECIMALS + 3 PL DECIMALS + ANGLES + FRACTIONS +	DRAWN	YY-MM-DD
	CHECKED	YY-MM-DD
	ENGRG	YY-MM-DD
	ISSUED	

LOGO	COMPANY NAME	
TITLE	PROJECT NAME *	
SIZE B	DWG NO *********	REV **
SCALE 1:1		SHEET 1 OF 1