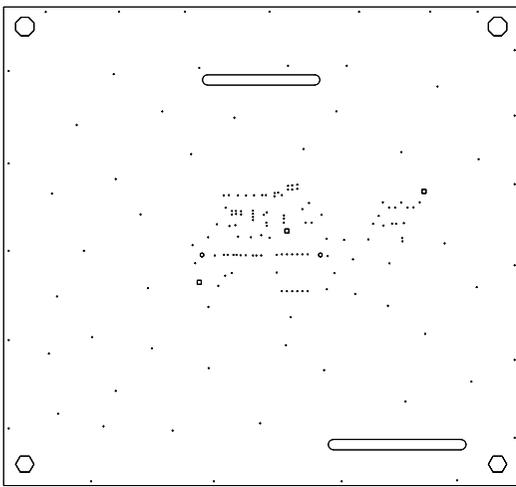
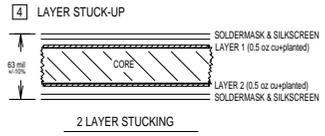


DRILL CHART: TOP TO BOTTOM					
ALL UNITS ARE IN MILS					
FIGURE	SIZE	TOLERANCE	PLATED	ROTATION	QTY
-	12.0	+3.0/-3.0	PLATED	-	161
o	40.0	+3.0/-3.0	PLATED	-	3
⬡	177.0	+3.0/-3.0	PLATED	-	2
o	38.0	+2.0/-2.0	NON-PLATED	-	2
⬡	177.0	+2.0/-2.0	NON-PLATED	-	2

TOTAL HOLES: 170



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



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

DESIGNED BY SOFER www.sofer.com.cn Tel: +86 21 6482 6908 Mail: design@sofer.com.cn	LAYER: FAB DAWING & DRILL LEGEND	COMPANY NAME: ST
	DESIGNER: Shelley	PROJECT NAME: MB1063
	DATE: 2013.06.07	PROJECT NUMBER: D031_006C2
		REV B

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS + 3 PL DECIMALS + ANGLES + FRACTIONS +	SIGNATURES	DATE	LOGO	COMPANY NAME
	DRAWN	YY-MM-DD		
	CHECKED	YY-MM-DD	TITLE	PROJECT NAME *
	ENGRG	YY-MM-DD	SIZE B	DWG NO *****
ISSUED		SCALE 1:1	SHEET	1 OF 1

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