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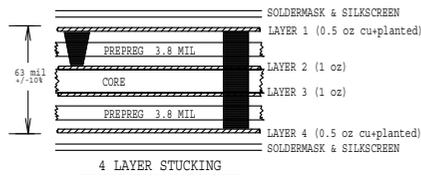
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## REVISIONS

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

## 4 LAYER STACK-UP



## DRILL CHART: TOP to L2\_IN1

ALL UNITS ARE IN MILS

FIGURE	SIZE	TOLERANCE	PLATED	ROTATION	QTY
.	4.0	+3.0/-3.0	PLATED	-	12

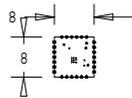
TOTAL HOLES: 12

## DRILL CHART: TOP to BOTTOM

ALL UNITS ARE IN MILS

FIGURE	SIZE	TOLERANCE	PLATED	ROTATION	QTY
.	10.0	+3.0/-3.0	PLATED	-	4
.	20.0	+3.0/-3.0	PLATED	-	26

TOTAL HOLES: 30



## PCB SPECIFICATIONS:

- A. MATERIAL; FR-4,  TG-170  TG-150  TG-140
- B. MATERIAL FAMILY; N/A.
- C. SOLDERMASK COLOR;  GREEN  BLUE  RED  BLACK
- D. SILKSCREEN COLOR;  WHITE  YELLOW  BLACK
- E. SURFACE FINISH;  ENIG  IMMERSION SILVER  IMMERSION TIN  
 HASL  HASL (PB-FREE)  GOLDEN FINGER
- F. IMPEDANCE CONTROL;  NO  YES (SEE IMPEDANCE TABLE FOR DETAIL INFORMATION)
- G. THROUGH VIA; PLUG THE VIAS WHICH ARE COVERED WITH SOLDERMASK ONE OR TWO SIDE.  
 PLUG MATERIAL:  SOLDERMASK  NON-CONDUCTIVE EPOXY.
- H. STACK-UP; SEE LAYER STACK-UP SEQUENCE FOR OVERALL THICKNESS.

## PCB REQUIREMENTS:

- THIS BOARD WILL CONFORM TO:  
IPC-A-600, CURRENT REV., CLASS II  
IPC-6012, CURRENT REV., CLASS II
- UNLESS OTHERWISE SPECIFIED ALL HOLE DIMENSIONS APPLY AFTER PLATING.  
ALL HOLES SHALL BE LOCATED WITHIN .003" DIAMETER OF TRUE POSITION.
- PLATED HOLE WALL THICKNESS SHALL NOT BE LESS THAN .001 INCH MINIMUM  
AVERAGE, WITH NO READING LESS THAN .0008 BY CROSS SECTION.
- MATERIAL FR4 RATING 94V-0 MINIMUM EPOXY GLASS LAMINATE.
- BOARD SHALL BE LPI SOLDER MASKED OVER BARE COPPER BOTH SIDES PER  
IPC-SM-840 CLASS II.
- SILKSCREEN SHALL BE PERMANENT NON-CONDUCTIVE INK AND WITH NO OVERLAP  
ON ANY COMPONENT PAD OR THROUGH HOLE.
- MFGR, TO LEGIBLY ETCH OR STAMP/SCREEN WITH PERMANENT NON-CONDUCTIVE INK  
A. U.L. CODE D. MFGR. LOGO  
B. DATE CODE E. SUCCESSFUL ELECTRICAL BOARD TEST.  
C. FLAMMABILITY RATING
- REMOVE THE FLASHS WHICH SMALLER THAN HOLE SIZE.
- REMOVE ALL SHAPE EDGES AND BURRS .005 MAXIMUM.
- PLEASE USE THE SUPPLIED IPC 356 NETLIST TO VERIFY BOARD BEFORE  
FABRICATING BOARD.



DESIGNED BY SOFER  
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LAYER: FAB DAWNING & DRILL LEGEND	COMPANY NAME: ST
DESIGNER: Shelley	PROJECT NAME: MB1256_REVA
DATE: 2016.01.25	PROJECT NUMBER: D031-020B1
	REV A

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

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