

NOTES: UNLESS OTHERWISE SPECIFIED

1. FABRICATE BOARDS USING TOOL ARTWORK EN33-C775-001_V1 REV A ALL DATA IS VIEWED FROM THE TOP SURFACE.
2. FABRICATE IN ACCORDANCE WITH IPC-6012, CLASS 2. ACCEPT PER IPC-A-600.
3. MATERIAL: SEE DETAIL A FOR MATERIAL AND FINISHED THICKNESS. BEGINNING FOIL THICKNESS 1/2 OZ MIN, BUT SHALL MEET THE MINIMUM REQUIREMENTS STATED IN DETAIL A.
4. COPPER PLATE .0010/.0015 THICK IN THRU HOLE VIAS (APPROX. 0.0015 ON SURFACE).
5. TIN LEAD PLATE SHALL BE APPLIED OVER ALL EXPOSED COPPER, SURFACE AREA SHALL BE UNIFORM OVER LAND AREA. 0.001 INCH MAX. HOT AIR LEVELLED.
6. APPLY BLUE LIQUID PHOTOIMAGABLE SOLDERMASK OVER BARE COPPER (SMOBC) TO THE TOP AND BOTTOM SURFACE OF THE PRINTED WIRING BOARD.
7. APPLY DESIGNATIONS TO TOP SURFACE USING PERMANENT SOLVENT INK DEFINED BY ARTWORK. COLOR SHALL BE WHITE.
8. CONDUCTORS INDICATED SHALL BE 0.0205 +/- 0.001 WIDE AND SHALL HAVE A COPLANAR GROUND SPACING OF .0158 +/- .001 MANUFACTURER SHALL TEST FOR LINES INDICATED TO BE 50 OHM +/- 10% AND MAY ADJUST WIDTH AS NEEDED.
9. MINIMUM CONDUCTOR WIDTH IS 0.010 +/- .001
10. MINIMUM CONDUCTOR TO CONDUCTOR SPACING IS 0.007.
11. FINISHED BOARD THICKNESS SHALL BE 0.062 +/- 0.005.
12. LAYER TO LAYER REGISTRATION TO BE +/- 0.001.
13. ALL HOLES SHALL BE LOCATED WITHIN HOLE TO PAD TANGENCY.
14. SUPPLIER ID/PART NUMBER AND LOT NUMBER ARE REQUIRED TO BE LOCATED ON BOTTOM SURFACE.
15. 28UM (MIN) COPPER MAINTAINED IN ALL PLATED THRU HOLES. VIAS SHALL BE FILLED WITH CB100 OR EQUIVALENT VIA FILL MATERIAL AND PLATED OVER WITH A MINIMUM OF 15UM OF CU.
16. TDR COUPON REQUIRED WITH MEASUREMENT RESULTS DELIVERED WITH BOARD. CONTROLLED IMPEDANCE SHALL BE 50 OHMS +/- 10% ON LAYER 1.

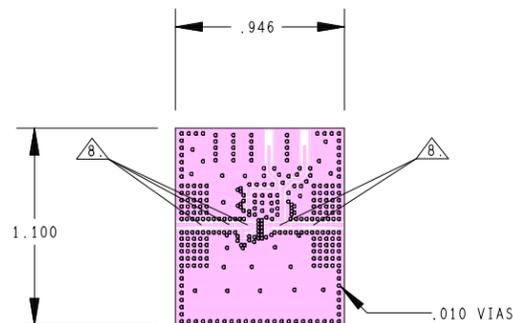
REVISIONS		
REV	DESCRIPTION	APPD/DATE
A	ENGINEERING RELEASE PER ECR408347	S. MORESCHI 10/08/2012



DETAIL A



REQUIRED ARTWORK FILES	
TOP SILKSCREEN	tsilk.art
TOP SOLDERMASK	tmsk.art
TOP LAYER	L1.art
L2 LAYER	L2.art
L3 LAYER	L3.art
BOTTOM LAYER	L4.art
BOTTOM SOLDERMASK	bmsk.art



DRILL CHART: L1 to L4			
ALL UNITS ARE IN INCHES			
FIGURE	SIZE	PLATED	QTY
•	0.01	PLATED	321

PART# EN33-D775-001
VARIANT 1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS ANGLES .XX = +/- .02 +/- 30° .XXX = +/- .005	DRN BY DATE	W. HURSHMAN 10/08/2012	SKYWORKS SOLUTIONS, INC 20 SYLVAN ROAD WOBURN, MA 01801	
	CHKD BY DATE	S. MORESCHI 10/08/2012		
MATERIAL	APPD BY DATE	S. MORESCHI 10/08/2012	FABRICATION DRAWING SKY67151/67152 APPS EVAL BOARD	
	APPD BY DATE	J. BERGER 10/08/2012		
HEAT TREAT	PROPRIETARY INFORMATION NO DISSEMINATION OR USE ALLOWED WITHOUT PRIOR WRITTEN PERMISSION	SIZE D	DOCUMENT NO.	REV A
NEXT ASSY APPLICATION	FINISH	SCALE NONE	EN33-D775	SHEET 1 OF 1