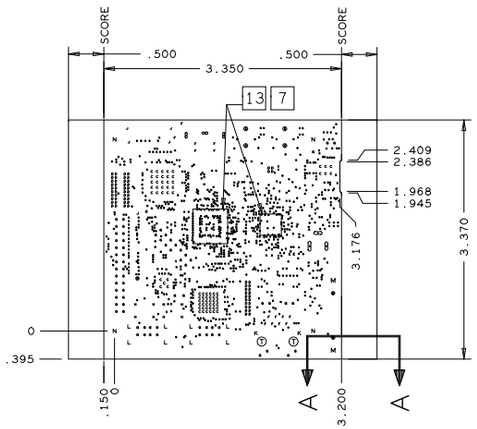
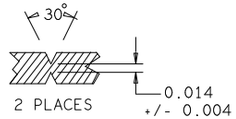
NOTES: UNLESS OTHERWISE SPECIFIED

1. TOTAL BOARD THICKNESS SHALL BE .062 +/- .007 INCHES.
   ALL MATERIAL SHALL BE 370HR MATERIAL USING A LEAD FREE PROCESS.
2. THIS DRAWING SPECIFIES THE REQUIREMENT FOR A MULTILAYER PRINTED BOARD IN ACCORDANCE WITH SPECIFICATION IPC-6012 CLASS 2. THE FOLLOWING PARAMETERS APPLY:
   a) MEETS RoHS DIRECTIVE WITH 94V-0 FLAMMABILITY RATING
   b) IS LEAD FREE PROCESS COMPATIBLE WITH A MIN. OF 5 CYCLES AT 260degC FOR 10 SECONDS.
   c) MIN. Tg AND Td OF 180 degC AND 330 degC, RESPECTAVILY.
3. COPPER PLATED SURFACE CONDUCTORS SHALL BE THE EQUIVALENT OF 1 OZ. COPPER AFTER PLATING. PLANE LAYERS SHALL BE 1 OZ. COPPER. AVERAGE COPPER ON THE WALL OF THE PLATED HOLE SHALL BE .001 INCH.
4. MINIMUM TRACE AND SPACE SHALL BE .003 OF AN INCH.
5. SOLDERMASK ON BOTH SIDES OF THE BOARD SHALL BE S.M.O.B.C., LDI, COLOR RED. SOLDERMASK SHALL NOT BE MODIFIED.
6. PLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .003 INCH.
   UNPLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .002 INCH.
7. VIAS SHALL BE FILLED WITH NON-CONDUCTIVE EPOXY, PLATED AND PLANERIZED.
8. SILKSCREEN ON BOTH SIDES OF THE BOARD SHALL BE WHITE EPOXY INK. NO SILK ON PADS.
   PWB LEAD FREE AND RoHS MARKINGS:
   a) PWB SHALL BE MARKED LEAD FREE WITH AN INK STAMP (P6)
   b) PWB SHALL BE MARKED LEAD FREE PROCESS COMPATIBLE WITH AN INK STAMP (260°C)
   c) OTHER MANUFACTURING MARKINGS MAY USE TOP/BOTTOM SIDE ETCH.
9. DRC'S MUST BE RUN ON THE GERBERS BEFORE BUILDING BOARDS UNLESS PRIOR APPROVAL IS GIVEN IN WRITING.
10. FINISHED BOARD SHALL BE FREE OF BURRS ON EDGES.
11. SURFACE FINISH SHALL BE IMMERSION SILVER.
12. IMPEDENCE CONTROLLED, +/- 10%.
    90 OHM DIFF. - 4.1 MIL LINE / 7.9 MIL SPACING.
    100 OHM DIFF. - 3.4 MIL LINE / 10.6 MIL SPACING
13. REGISTRATION OF SOLDERMASK SHALL BE +/- .002.

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
•	8.0	+0.0/-8.0	PLATED	1030
◦	12.0	+0.0/-12.0	PLATED	72
•	28.0	+3.0/-3.0	PLATED	64
•	30.0	+3.0/-3.0	PLATED	2
•	38.0	+3.0/-3.0	PLATED	14
•	40.0	+3.0/-3.0	PLATED	71
•	43.0	+3.0/-3.0	PLATED	8
•	51.0	+3.0/-3.0	PLATED	5
K	70.0	+3.0/-3.0	PLATED	2
L	90.0	+3.0/-3.0	PLATED	8
M	120.0	+3.0/-3.0	PLATED	2
N	156.0	+3.0/-3.0	PLATED	4
●	35.0	+3.0/-3.0	NON-PLATED	1
●	60.0	+3.0/-3.0	NON-PLATED	2
●	63.0	+3.0/-3.0	NON-PLATED	4
Ⓣ	128.0	+3.0/-3.0	NON-PLATED	2
▯	86.0x28.0	+3.0/-3.0	PLATED	2
▭	86.0x28.0	+3.0/-3.0	PLATED	1
▯	120.0x40.0	+3.0/-3.0	PLATED	1
▭	120.0x40.0	+3.0/-3.0	PLATED	1
▯	140.0x40.0	+3.0/-3.0	PLATED	1



DRILL



VIEW A - A
SCALE: NONE

- TSLK
- SMC
- LAYER 1
- LAYER 2
- LAYER 3
- LAYER 4
- LAYER 5
- LAYER 6
- SMS
- BSLK

LAYER SCHEDULE
SCALE: NONE

APPROVED		TEXAS INSTRUMENTS	
CHECKED			
DRAFTING	CalCad, Inc.	FABRICATION DRAWING, BEAGLE XM, REV. C1	
DATE 08/16/11	ENGR		
DESIGN ENGR	TOLERANCES UNLESS OTHERWISE SPECIFIED		
PROJECT ENGR	X.XX ± 0.01 X.XXX ± 0.005 ANGLES ± 1/2°	SCALE NONE	SIZE D
ENGR MGR		SHEET 1 OF 2	
NEXT ASSEMBLY	DO NOT SCALE DRAWING		