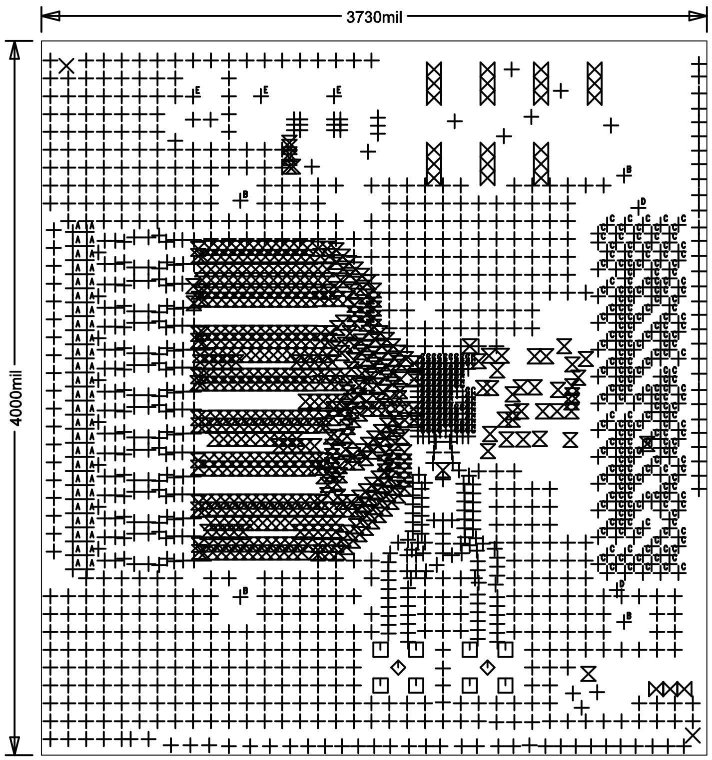
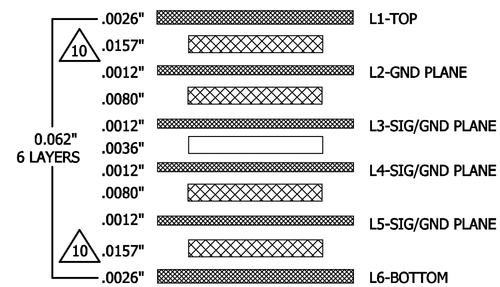
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
-	2	PRODUCTION	CLARENCE M.	02/11/11



SIZE	QTY	SYM	PLATED	TOL
10	903	+	YES	+/-3Mils
70	2	×	NO	+/-3Mils
66.93	8	⊡	YES	+/-3Mils
59.06	2	◇	YES	+/-3Mils
6	568	⧗	YES	+/-3Mils
31	24	⋈	YES	+/-3Mils
39	50	+A	YES	+/-3Mils
110.24	4	+B	YES	+/-3Mils
8	325	+C	YES	+/-3Mils
50	2	+D	NO	+/-3Mils
94	3	+E	YES	+/-3Mils

LAYER STRUCTURE



NOTES : UNLESS OTHERWISE SPECIFIED:

1. FAB PER IPC-A-600. PCBS ARE TO BE ROHS COMPLIANT.
2. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4.
   0.5 OZ. COPPER FINISH ON OUTER LAYERS.
   THICKNESS .062 +/-.006 TOTAL OF 6 LAYERS.
   FLAMMABILITY RATING: 94 V-O MINIMUM .
3. SIZE: DIMENSIONS AND TOLERANCES SHOWN.
   0.00 ARE PRIMARY DATUMS.
4. DRILLING: DRILL HOLES PER SCHEDULE. PLATE THROUGH
   HOLES WITH COPPER, .001 INCH THICK MIN. ALL
   HOLE SIZES ARE SPECIFIED AFTER PLATING.
   HOLE LOCATION TOLERANCES ARE +/-.003
   INCH IN RELATION TO CENTER
5. FINISH: SMOBC USING LPI BOTH SIDES COLOR GREEN.
   GOLD IMMERSION BOTH SIDES.
6. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK.
7. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE
   BUT YOU MAY MODIFY PAD SIZE TO MEET END FINISH.

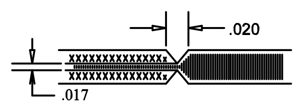
8. [illegible]

9. CONTROLLED 50 OHM +/-5% IMPEDANCE FOR LAYERS 1
   USING 0.03" TRACE.
   100 OHM FOR DIFFERENTIAL PAIR LAYER 1,3,4,5 XXX TRACE 3 MILS

10. SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.

11. BOARD CONTAINS VIA-IN-PAD TECHNOLOGY. FILL ALL 8 Mils VIAS WITH NON-CONDUCTIVE EPOXY FOLLOWED BY A PLATING CAP TO CREATE A SMOOTH CO-PLANAR SURFACE. NO VISIBLE DIMPLING ALLOWED. VIA PLUGS SHOULD BE COVERED DURING LPI MASK PROCESS.

12. SCORING FOR PANELIZED PCB:



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
0.XX" = ± 0.01"
0.XXX" = ± 0.005"
INTERPRET DIM AND TOL PER ASME Y14.5M-1994
THIRD ANGLE PROJECTION

APPROVALS	
PCB DES.	RB
APP ENG.	CLARENCE M.

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TITLE: FABRICATION DRAWING
LOW POWER OCTAL-ADC

SIZE: N/A | IC NO. LTM90XXIY-14 FAMILY DEMO CIRCUIT 1751A | REV 2

SCALE = NONE | FILENAME: DC1751A-2.PCB | SHT 1 OF 1