

REVISION HISTORY

ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	1	PRODUCTION	MEHDI A.	11-12-12

SHOWN FROM TOP SIDE

5000mil

4000mil

NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.

2. MATERIAL: -EPOXY FIBERGLASS, FR406  
-FINISHED THICKNESS TO BE 0.062" +/- .005"  
-TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS AND 1 OZ. CU ON THE INNER LAYERS.  
-FLAMMABILITY RATING: 94 V-0 MINIMUM.

3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00" ARE PRIMARY DATUMS.

4. DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.001" THICK MIN.  
-ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.  
-HOLE LOCATION TOLERANCES ARE +/-0.003" IN RELATION TO CENTER

5. FINISH: -SNOBC USING LPI BOTH SIDES, COLOR GREEN.  
-GOLD IMMERSION BOTH SIDES.  
-FOR SILKSCREENS: USE WHITE NON-CONDUCTIVE INK.

6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

7. PCBs ARE TO BE RoHS COMPLIANT.

8. SCORING FOR PANELIZED PCB (PRODUCTION FAB ONLY):

STACK UP DETAILS

L1	2 oz
L2	Prepeg 0.007 +/- 0.002 1 oz
L3	Adjust 1 oz
L4	Prepeg 0.007 +/- 0.002 2 oz

Board Thickness = 0.062 +/- 0.005

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.	S.M.
APP. ENG.	MEHDI A.

TITLE: FABRICATION DRAWING  
80V / 48V SYNCHRONOUS BUCK-BOOST CONTROLLER

SIZE: IC NO. LT8705EUHF  
N/A DEMO CIRCUIT 1924A

SCALE = NONE

FILENAME: DC1924A-1PCB

SHT 1 OF 1

DRILL DRAWING LAYER

LINEAR TECHNOLOGY DATE: 11-12-12

DC1924A-1 • LT8705EUHF

80V / 48V SYNCHRONOUS BUCK-BOOST CONTROLLER

SIZE	QTY	SYM	PLATED	TOL
15	234	+	YES	+/-0.003
96	14	X	YES	+/-0.003
190	4	□	YES	+/-0.003
70	3	⊗	NO	+/-0.003
210	4	⊖	YES	+/-0.003
20	1	⊕	YES	+/-0.003
32.48	4	⊖	YES	+/-0.003
45	8	⊕	YES	+/-0.003