

Linear Tech. Corp.  
Demo Circuit 1177A

Component Side

REV

DATE

APPR

NOTES: UNLESS OTHERWISE SPECIFIED.

1. ARTWORK PIN DEMO CIRCUIT 1177A Rev1

2. FAB PER IPC-A-600. 4-Layers.

3. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4  
.062 +/- .005 INCH THICKNESS WITH 2 OZ.  
COPPER FINISH ON TWO OUTER LAYERS AND  
1 OZ. COPPER ON TWO INTERNAL LAYERS.  
FLAMABILITY RATING: 94 V-2 MINIMUM .

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

5. BOARD: SELECTIVE PLATED BOARD. SOLDER  
MASK OVER BARE COPPER, COLOR, GREEN LPI.  
WHITE TIN IMMERSION (OMIKRON) BOTH SIDES.  
SILKSCREEN BOTH SIDES WITH WHITE NON-  
CONDUCTIVE INK.  
PLATE THRU ALL HOLES WITH COPPER  
MIN. PLATING THICKNESS: 1 OZ. EXCEPT  
WHERE PLATING NOT REQUIRED

6. DRILL: ALL HOLES SHALL BE DRILLED +/-3MIL  
WITH RESPECT TO CTR. OF DRILLED PAD.  
ALL HOLES FINISHED SIZE AFTER PLATING.

7. DROP ALL UNUSED PADS ON INNER LAYERS.

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

9. SCORING:

APPROVALS

	INIT	DATE
DRAWN		
CHECK		
DESIGN		
ENGR		

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LINEAR

TECHNOLOGY

TITLE:

Dual Buck-Boost / Buck Synchronous Converters

SIZE

NONE

Demo Circuit 1177A

REV. 1

SCALE = NONE

DES-2300xx

Sheet 1 of 1

SIZE	QTY	SYM	PLATED	TOL
187	4	+	YES	+/-3Mil
94	8	X	YES	+/-3Mil
31	9	□	YES	+/-3Mil
70	2	◇	NO	+/-3Mil
10	46	⊗	YES	+/-3Mil

Fabrication Drawing