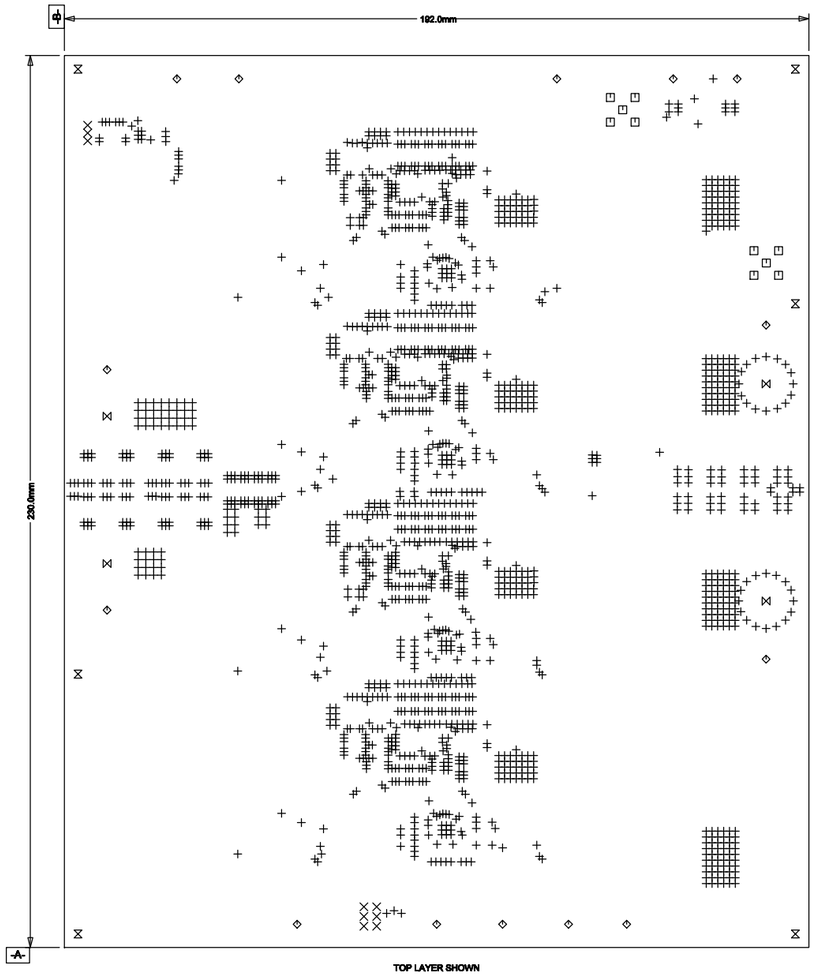
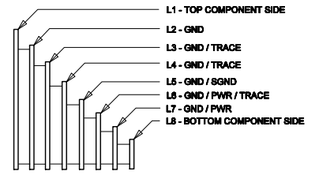


TOP LAYER SHOWN

SIZE	QTY	SYM	PLATED	TOL
0.25	1836	+	YES	+/-0.08
0.9	9	X	YES	+/-0.08
1.4	10	□	YES	+/-0.08
2.41	14	◇	YES	+/-0.13
4.75	6	⧖	NO	+/-0.13
5.21	4	⋈	YES	+/-0.13



LAYER CONSTRUCTION

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	3	PROD	02/20/19	[illegible]

NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC2787A REV 3.
2. FAB PER IPC-A-600
3. PCB SHALL MEET RoHS COMPLIANCE.
4. MATERIAL:
   - A. LAMINATE: EPOXY FIBERGLASS, NEMA GRADE FR-4 FLAMMABILITY RATING: 94 V-2 MINIMUM .
   - B. THICKNESS: 1.6 +/- 0.13 mm
   - C. CLAD: 2 OZ. (50um) ALL LAYERS.
5. FINISH:
   - A. COATING: SOLDERMASK OVER BARE COPPER, COLOR, GREEN LPI.
   - B. PLATING: GOLD IMMERSION BOTH SIDES.
   - C. SILKSCREEN: BOTH COMPONENT SIDES WITH WHITE NON-CONDUCTIVE INK.
6. TOLERANCES:
   - A. WARPAGE: (0.075mm) MAX. ALONG THE LONGEST DIAG. AS PER IPC-TM650 METHOD 2.4.22.
   - B. ETCHING: +0.03mm, -0.3mm OF MASTER PATTERN.
   - C. REGISTRATION: 0.075mm MAX.
   - D. MASK THICKNESS: 0.025mm MIN., 0.075mm MAX.
   - E. HOLE PLATING: 22um +/- 3um.
7. SIZE:
   - A. CUT TO DIMENSIONS AND TOLERANCES SHOWN. 0.00 ARE PRIMARY DATUMS.
8. HOLE DIAMETERS ARE POST-PLATED SIZES.
9. DEBURR AND BREAK ALL SHARP EDGES.
10. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

DWG NO. DC2787A | SH 1 | REV 3

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON ANGLE ± 1°
.XX ± 0.25
.XXX ± 0.127

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS	DATE
DRAWN [illegible]	12/05/18
CHECKED [illegible]	02/20/19
APPROVED	
DESIGNED BY	

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www.analog.com

TITLE
FAB, LTC7821UH, HIGH EFFICIENCY POLYPHASE HYBRID STEP-DOWN CONVERTER

SIZE	CAGE CODE	DWG NO.	REV
C		DC2787A	3

SCALE 1/1 | FILENAME: 2787A-3.PCB | SHEET 1 OF 1