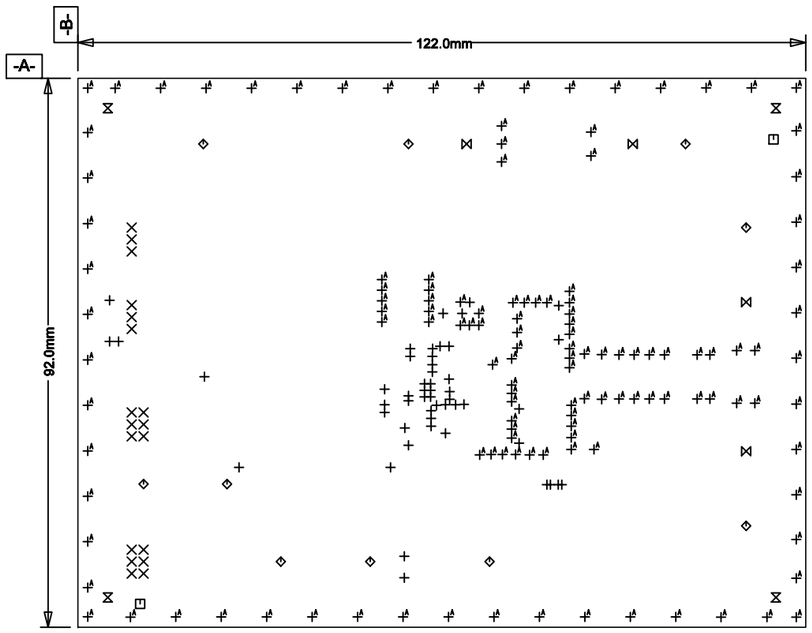
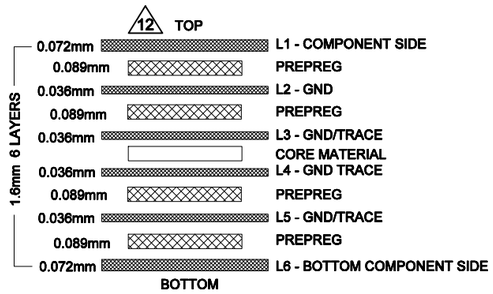
DWG NO.	SH	REV
DC2646A	1	3

For ADI Customer Use Only

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	3	PROD	04/09/19	





NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC2846A 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 +/- 0.16 mm
   - C. CLAD: 2 OZ. (50um) EXTERNAL LAYERS. 1 OZ. (25um) COPPER ON TWO INTERNAL 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: 25um +/- 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.

SIZE	QTY	SYM	PLATED	TOL
0.25	51	+	YES	+/-0.08
0.5	131	+A	YES	+/-0.08
0.9	18	X	YES	+/-0.08
1.8	2	⊡	NO	+/-0.13
2.42	10	◇	YES	+/-0.13
4.75	4	⧖	NO	+/-0.13
5.21	4	⋈	YES	+/-0.13

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	02/27/18
CHECKED	
APPROVED	04/09/19
ENGINEER	

ANALOG DEVICES | POWER BY LINEAR™
www.analog.com www.linear.com
1630 McCarthy Blvd.
Milpitas, CA 95035
1-408-432-1900

TITLE
PCB FAB, LTC7804EMSE, HIGH EFFICIENCY SYNCHRONOUS STEP-UP SUPPLY

SIZE	CAGE CODE	DWG NO	REV
B		DC2846A	3

SCALE 1/1 | FILENAME: 2846A-3.PCB | SHEET 1 OF 1