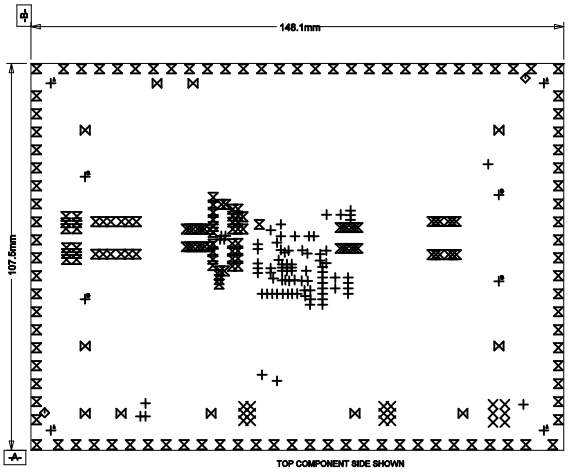
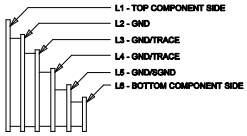
DWG NO. DC2995A | SH 1 | REV 2

For ADI Customer Use Only

REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	2	PRODUCTION	04/23/21	G P

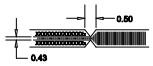


LAYER CONSTRUCTION



NOTES: UNLESS OTHERWISE SPECIFIED,

1. ARTWORK P/N DC2995A REV 1.
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 +/- 0.1 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 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.
11. SCORING:



SIZE	QTY	SYM	PLATED	TOL
0.25	84	+	YES	+/-0.08
0.9	18	X	YES	+/-0.08
1.8	2	◇	NO	+/-0.13
2.42	11	⋈	YES	+/-0.13
4.75	4	⊣	NO	+/-0.13
5.21	4	⊣	YES	+/-0.13
0.381	194	⧖	YES	+/-0.08

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 A N	04/23/21
CHECKED	
APPROVED G P	04/23/21
ENGINEER	

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

TITLE
PCB FAB, LTC7891UFDM, HIGH FREQUENCY, STEP-DOWN SUPPLY with GaN FET

SIZE	CAGE CODE	DWG NO	REV
B		DC2995A	2

SCALE 1/1	FILENAME: 2995A-2.PCB	SHEET 1 OF 1