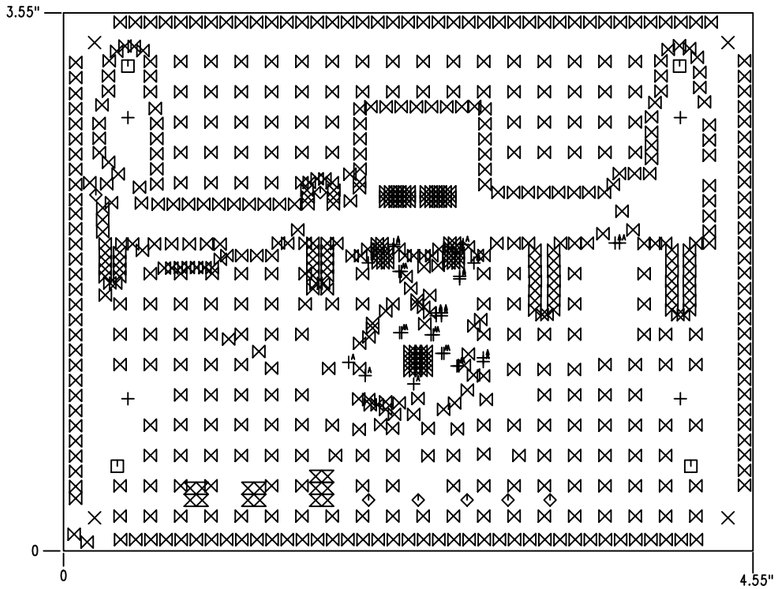
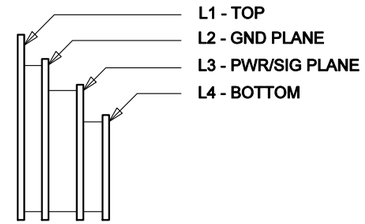


DEMO CIRCUIT 2814A

SIZE	QTY	SYM	PLATED	TOL
215	4	+	YES	+/-0.003
187	4	X	YES	+/-0.003
94.88	4	□	YES	+/-0.003
65	7	◇	YES	+/-0.003
35	14	⧖	YES	+/-0.003
10	672	⋈	YES	+/-0.003
6	26	+A	YES	+/-0.003
34	2	+B	YES	+/-0.003

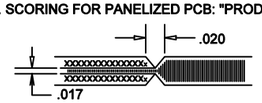
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
-	02	PRODUCTION	CG	09-05-18

LAYER STRUCTURE



NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.
2. MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT.
   -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-O 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: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.
   -GOLD IMMERSION BOTH SIDES.
   -TENT VIAS, TOP AND BOTTOM.
   -FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.
6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE. PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
7. PCBS ARE TO BE RoHS COMPLIANT.
8 DO NOT ALTER SOLDER MASK MAINTAIN .0018" OVERSIZE ON SMT PADS. A .005" WEBBING IS REQUIRED BETWEEN SMD PADS.
9. SCORING FOR PANELIZED PCB: "PRODUCTION FAB ONLY"



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE 1°
0.XX" = 0.01"
0.XXX" = 0.005"
INTERPRET DIM AND TOL PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

APPROVALS	
PCB DES.	MF
APP ENG.	CG

SCALE: NONE

ANALOG DEVICES | POWER BY LINEAR
1630 MCCARTHY BLVD
MILPITAS, CA 95035
PH: (408)432-1900
WWW.ANALOG.COM

TITLE: FABRICATION DRAWING:
HIGH VOLTAGE SYNCRONOUS 4-SWITCH BUCK-BOOST DC/DC CONTROLLER WITH PASS-THROUGH

SIZE	IC NO.	REV.
N/A	LT8210 DEMO CIRCUIT 2814A-A,B,C	02

SHT 1 of 1