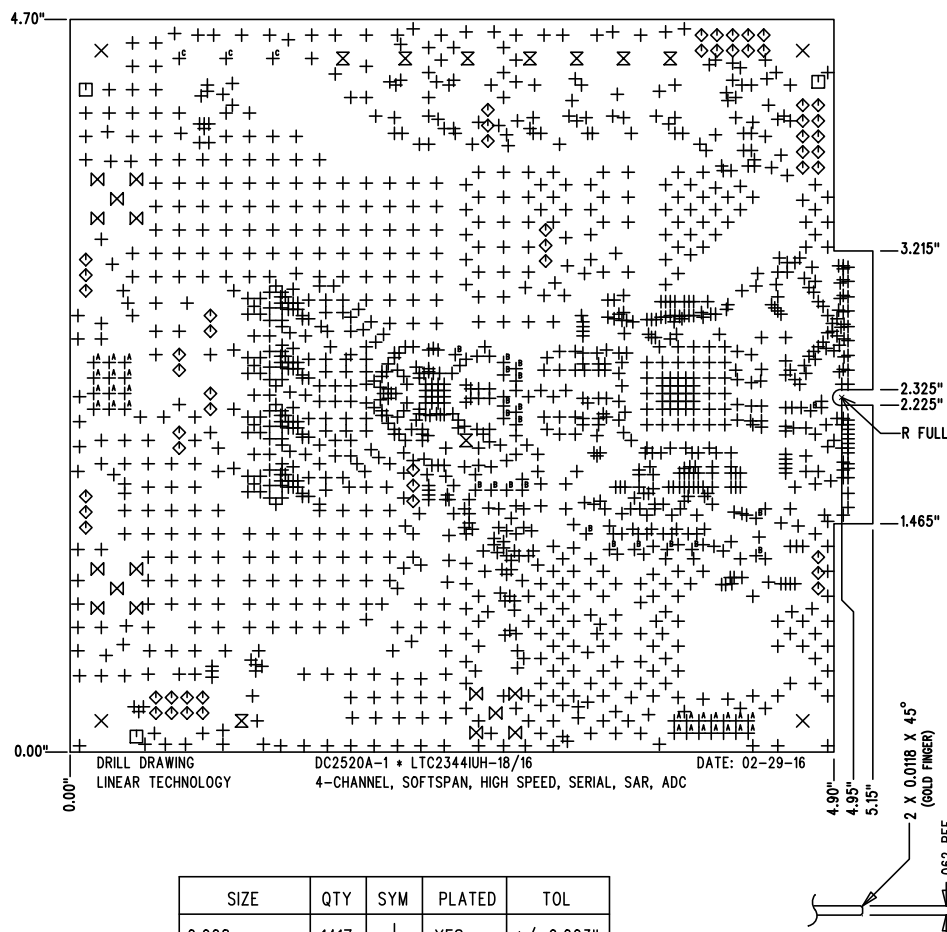


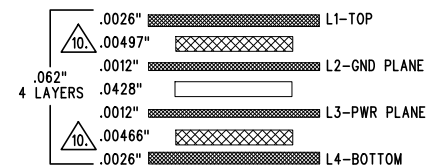
REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	1	1ST PROTOTYPE	GUY H.	02-29-16

SHOWN FROM TOP SIDE

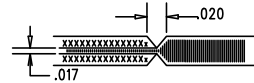



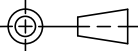
SIZE	QTY	SYM	PLATED	TOL
0.008	1417	+	YES	+/-0.003"
0.19	4	X	NO	+/-0.003"
0.07	3	□	NO	+/-0.003"
0.035	54	◇	YES	+/-0.003"
0.063	9	⊗	YES	+/-0.003"
0.055	15	⊗	YES	+/-0.003"
0.04	26	+ ^A	YES	+/-0.003"
0.03	21	+ ^B	YES	+/-0.003"
0.094	3	+ ^C	YES	+/-0.003"

LAYER STRUCTURE



NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- 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-0 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00" ARE PRIMARY DATUMS.
- 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
- FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.
-GOLD IMMERSION BOTH SIDES.
-FOR SILKSCREENS: USE WHITE NON-CONDUCTIVE INK.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE. PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
- PCBS ARE TO BE RoHS COMPLIANT.
- SCORING FOR PANELIZED PCB (PRODUCTION FAB ONLY):

- CONTROLLED 50 OHM +/-10% IMPEDANCE FOR LAYERS 1-2 USING 0.009" TRACE AT 2GHz FREQ.
- SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.
- FINGER AREA: GOLD PLATE TO MIN. OF 0.00003 INCHES. PER MIL-G-45204, TYP II, CL1, GRADE C, OVER 0.0002 INCHES LOW STRESS NICKEL PER QQ-N-290, CL2.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: 0.XX" = ±0.01" 0.XXX" = ±0.005" INTERPRET DIM AND TOL PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION		APPROVALS PCB DES. KIM T. APP ENG. GUY H.		 1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY
		TITLE: FABRICATION DRAWING 4-CHANNEL, SOFTSPAN, HIGH SPEED, SERIAL, SAR, ADC		SIZE N/A IC NO. LTC2344IUH-18/16 REV 1
SCALE = NONE		FILENAME: DC2520A-1.PCB		SHT 1 OF 1