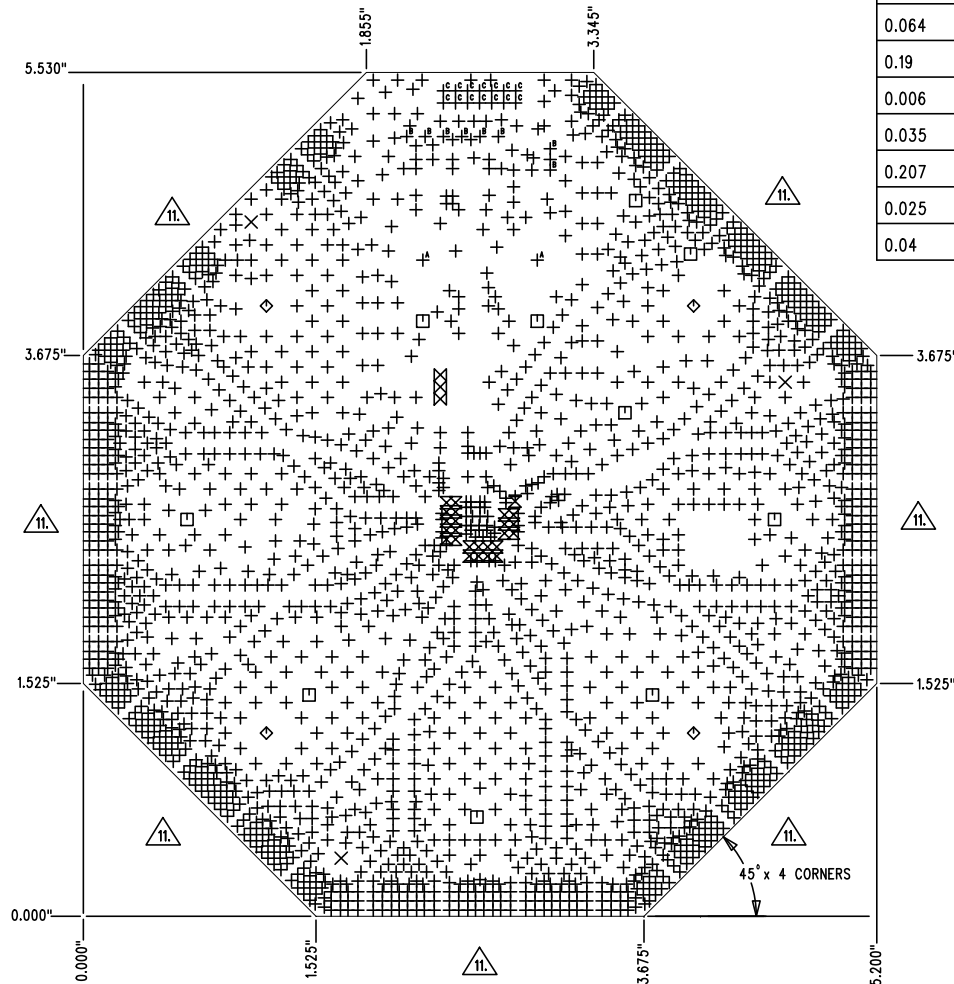


REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	2	2ND PROTOTYPE	CHRIS P.	03-23-17

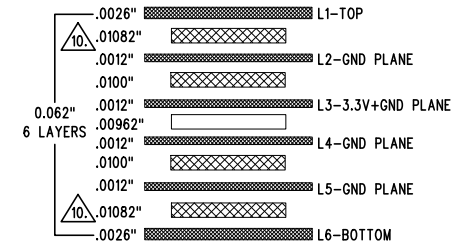
SHOWN FROM TOP SIDE



DRILL DRAWING LAYER  
LINEAR TECHNOLOGY DC2610A-2 LTC6953IUKG DATE: 03-16-17  
ULTRALOW JITTER CLOCK DISTRIBUTOR WITH 11 OUTPUTS AND JESD204B SUPPORT

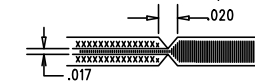
SIZE	QTY	SYM	PLATED	TOL
0.012	2289	+	YES	+/-0.003"
0.07	3	X	NO	+/-0.003"
0.064	10	□	YES	+/-0.003"
0.19	4	◇	NO	+/-0.003"
0.006	25	⊗	YES	+/-0.003"
0.035	3	⊗	YES	+/-0.003"
0.207	2	⊕ <sup>A</sup>	YES	+/-0.003"
0.025	8	⊕ <sup>B</sup>	YES	+/-0.003"
0.04	14	⊕ <sup>C</sup>	YES	+/-0.003"

## LAYER STRUCTURE



## NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- MATERIAL: -EPOXY FIBERGLASS, NELCO 4000-13  
-FINISHED THICKNESS TO BE 0.062" +/- .005"  
-TOTAL OF 6 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 LAYER 6-5, USING 0.02" TRACE.
- SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.
- INNER AND OUTER LAYER COPPER SHALL BE EXPOSED ALONG BOARD EDGES. DO NOT MODIFY INNER LAYER COPPER BACKOFF OUTLINE (SMA CONNECTOR).

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. CHRIS P.		 1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY
		TITLE: FABRICATION DRAWING ULTRALOW JITTER CLOCK DISTRIBUTOR WITH 11 OUTPUTS AND JESD204B SUPPORT		SIZE N/A IC NO. LTC6953IUKG DEMO CIRCUIT 2610A REV 2
SCALE = NONE		FILENAME: DC2610A-2.PCB		SHT 1 OF 1