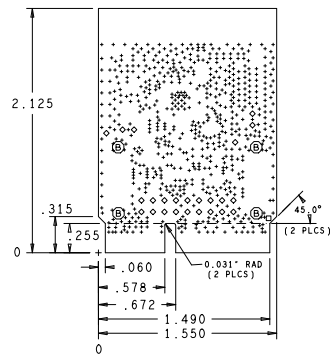


UNLESS OTHERWISE SPECIFIED, ALL NOTES ARE APPLICABLE.  
NOTES PRECEDED BY AN UNMARKED ☐ ARE NOT APPLICABLE.

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
2. PC SHALL BE FABRICATED TO IPC-6012, CLASS II AND WORKMANSHIP SHALL CONFROM TO IPC-600, CLASS II CURRENT REVISIONS.
3. MINIMUM COPPER WALL THICKNESS SHALL BE .001 INCH. FOR ALL PLATED THROUGH HOLES.
4. BOARD MATERIAL SHALL BE 1805g 370HR OR EQUIVALENT. BOARD SHALL MEET OR EXCEED IPC-4101/26. COLOR: NATURAL.
5. BOARD MATERIAL AND CONSTRUCTION TO BE UL 94V-0 APPROVED AND MARKED ON THE FINISHED BOARD.
6. OVERALL BOARD THICKNESS TO BE .062 +/-5% AND APPLIES AFTER ALL LAMINATION AND PLATING PROCESSES. MEASURED FROM COPPER TO COPPER.
7. ☒ MANUFACTURE'S UL MARKING, FLAMMABILITY RATING, ☒ LOGO AND DATE CODE TO BE PLACED IN COPPER ON BOTTOM SIDE OF THE BOARD.
8. PLATE ALL EXPOSED AREAS WITH ELECTROLESS NICKEL IMMERSION GOLD. NICKEL: 100 MICRO-INCHES MIN  
GOLD: 2-8 MICRO-INCHES MIN
9. APPLY LPI SOLDERMASK OVER BARE COPPER (SMOBC)  
COLOR: BLUE. SOLDERMASK SHALL CONFORM TO IPC-SM-840 CLASS H, CURRENT REVISION
10. SOLDERMASK ARTWORK HAS ZERO (0) OVERSIZED PADS.  
FABRICATION VENDOR IS ALLOWED TO ADJUST THE COMPONENT SOLDERMASK PADS TO MEET THEIR TOOLING REQUIREMENTS.
11. SILKSCREEN-APPLY NON-CONDUCTIVE LPI OR EQUIVALENT PER THE ARTWORK  
COLOR: WHITE
12. P.C. BOARD TO BE FREE OF DIRT, OIL, FINGER PRINTS, ETC.
13. BOARD WARPAGE: WARP AND TWIST SHALL NOT EXCEED .0075 INCH PER INCH MEASURED AT ANY LOCATION OR DIRECTION ON THE BOARD.
14. ☒ BOARD MUST BE ELECTRICALLY TESTED USING SUPPLIED IPC-D-356 NETLIST.
15. 19.99 MIL TRACES ON TOP SIDE (LAYER 1) ARE TO BE 50 OHM +/-10% THESE WILL DECOUPLE TO THE GND PLANE ON LAYER 2.
16. ALL VIAS WILL BE FILLED WITH NON-CONDUCTIVE EPOXY.



VIEWED FROM PRIMARY SIDE

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
•	8.0	+0.0/-8.0	PLATED	646
□	20.0	+3.0/-3.0	PLATED	1
◊	38.0	+3.0/-3.0	PLATED	24
⊙	53.0	+3.0/-0.0	NON-PLATED	4

TSLK
SMC
LAYER 1
LAYER 2
LAYER 3
LAYER 4
SMS
BSLK

LAYER SCHEDULE  
SCALE: NONE

ALL DIMENSION ARE IN MILS UNLESS OTHERWISE SPECIFIED		TEXAS INSTRUMENTS							
DRAWN BY: ionDesign		FABRICATION DRAWING CC256xQFN-EM							
CHECKED BY: CRAIG BOHREN									
APPROVED BY: MIIUEL SANCHEZ									
		SCALE	NONE	REV	1.2B	SIZE	B	SHEET	1 OF 1