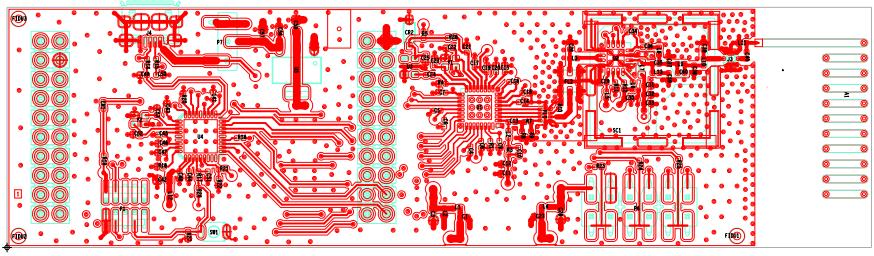
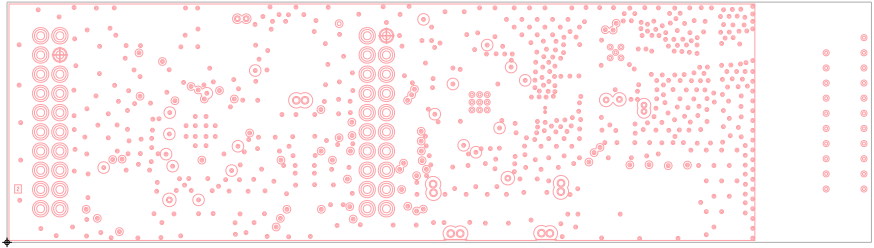
ART FILM - TOP



CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Top Layer Assembly-Top		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 11 of 10

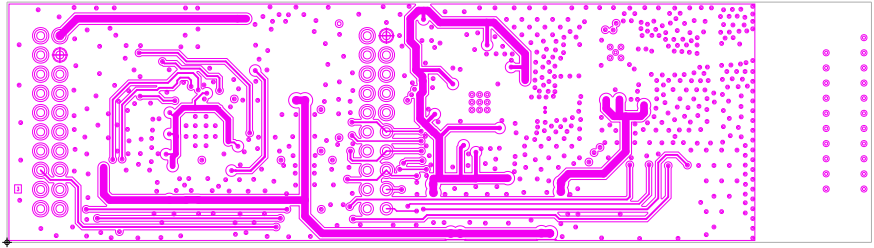
ART FILM - TOP

ART FILM - LAYER2



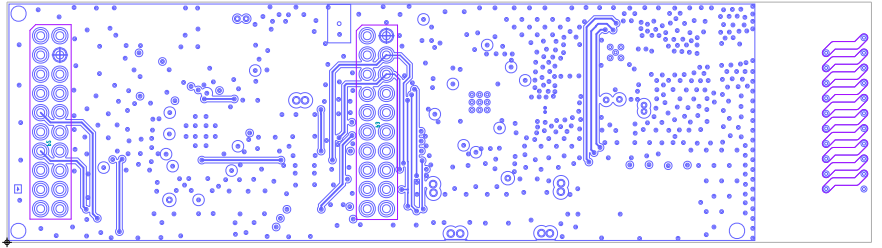
CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Layer-2		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 2 of 10

ART FILM - LAYER2



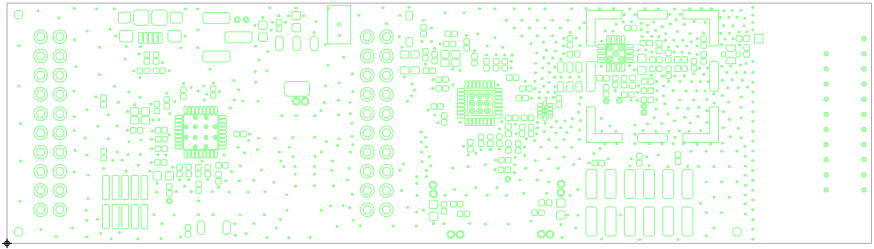
CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Layer-3		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 3 of 10

ART FILM - BOTTOM

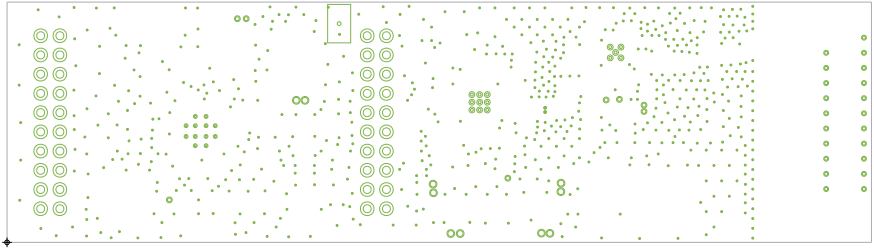


CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Bottom Layer Assembly-Bottom		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 42 of 120

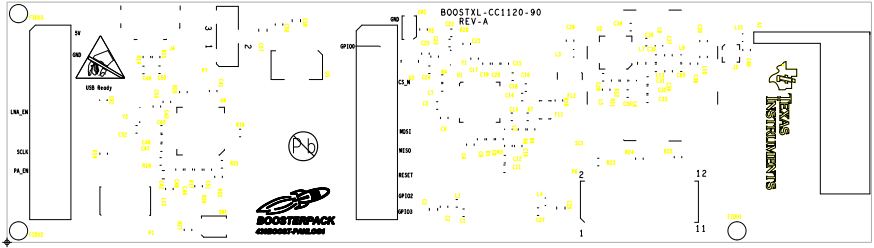
ART FILM - BOTTOM



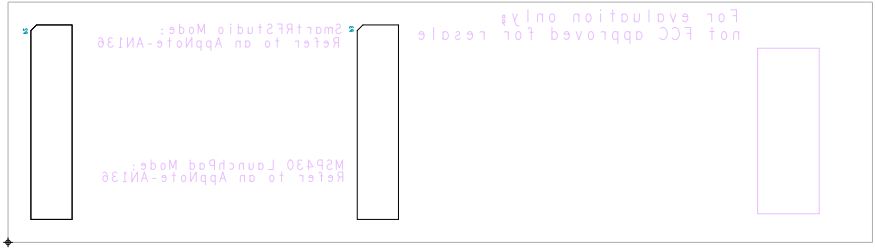
CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Soldermask-Top		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 5 of 10



CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Soldermask-Bottom		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 6 of 10

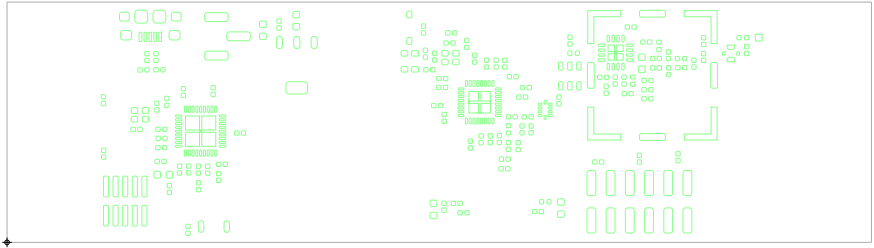


CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Silkscreen-Top		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 7 of 10



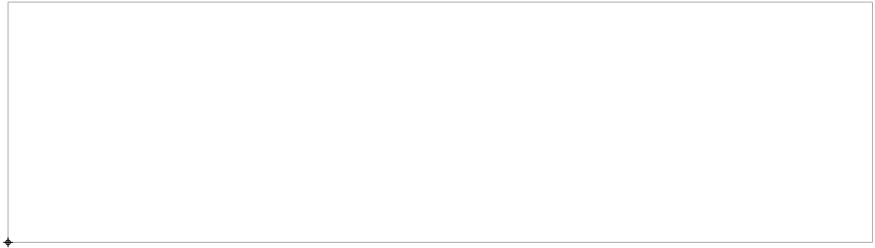
CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Silkscreen-Bottom		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 8 of 10

ART FILM - PASTEMASK-TOP



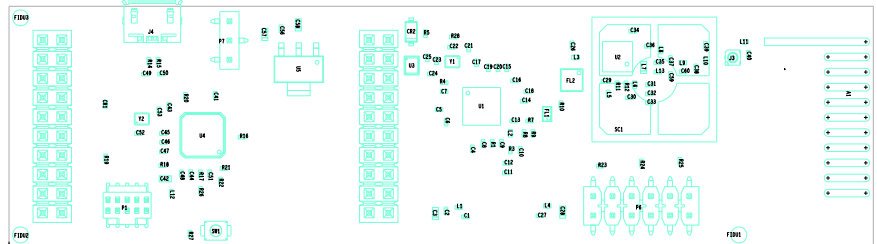
CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Pastemask- Top		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 9 of 10

ART FILM - PASTEMASK-TOP



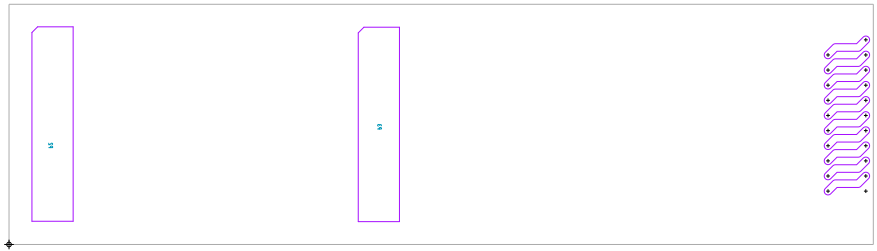
CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Pastemask-Bottom		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 10 of 10

Note:Connectors P2 and P3 should be mounted from the Bottom side.The pins of the connectors should appear on the TOP side



CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Assembly-Top		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 1 of 2

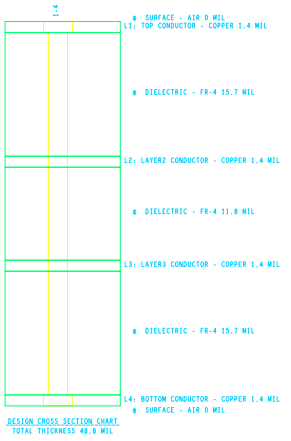
Note:Connectors P2 and P3 should be mounted from the Bottom side.The pins of the connectors should appear on the TOP side



CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Assembly-Bottom		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 2 of 2

FAB NOTES:
1. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED.
2. THE PWB SHALL BE FABRICATED TO IPC-6012, CLASS 2, AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2, CURRENT REVISIONS.
3. BOARD MATERIAL SHALL BE 190 TG/240 TG ISOLA FR-370HR OR EQUIVALENT. RoHS COMPLIANT AND LEAD-FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B. RoHS CERTIFICATE OF CONFORMANCE SHALL BE DELIVERED WITH EACH LOT.
4. BOARD MATERIAL & CONSTRUCTION TO BE U.L. 94V-0 APPROVED. UL LOGO, UL RATING AND UL GUIDE NUMBER SHOULD BE MARKED ON THE FINISHED BOARD.
5. OVERALL BOARD THICKNESS TO BE .049 +/- .005" AND APPLIES AFTER ALL LAMINATION AND PLATING PROCESSES. MEASURED FROM COPPER TO COPPER.
6. MAX. WARP & TWIST TO BE 0.01% PER INCH.
7. BOARD MUST BE ELECTRICALLY TESTED USING SUPPLIED IPC-D-356 NETLIST.
8. 28 MIL TRACES ON LAYER 1 ARE 50 OHMS +/-10%. THEY ARE REFERENCE TO LAYER 2 GROUND.

PROCESS NOTES:
1. APPLY LPI SOLDERMASK OVER BARE COPPER (SMOBC). SOLDERMASK SHALL CONFORM TO IPC-SM-840, CLASS H, CURRENT REV. COLOR OF MASK TO BE RED.
2. PLATE ALL EXPOSED AREAS WITH ELECTROLESS NICKEL IMMERSION GOLD. NICKEL: 120 MICRO INCHES MIN. GOLD: 2-8 MICROINCHES MIN.
3. SOLDERMASK ARTWORK WAS CREATED WITH 0% OVERSIZED PADS. FABRICATION VENDOR IS ALLOWED TO ADJUST THE COMPONENT SOLDERMASK PADS TO MEET THEIR TOOLING REQUIREMENTS.
4. APPLY NON-CONDUCTIVE LPI SILKSCREEN OR EQUIVALENT PER THE ARTWORK. COLOR: WHITE.
5. ALL VIAS ARE TENTED

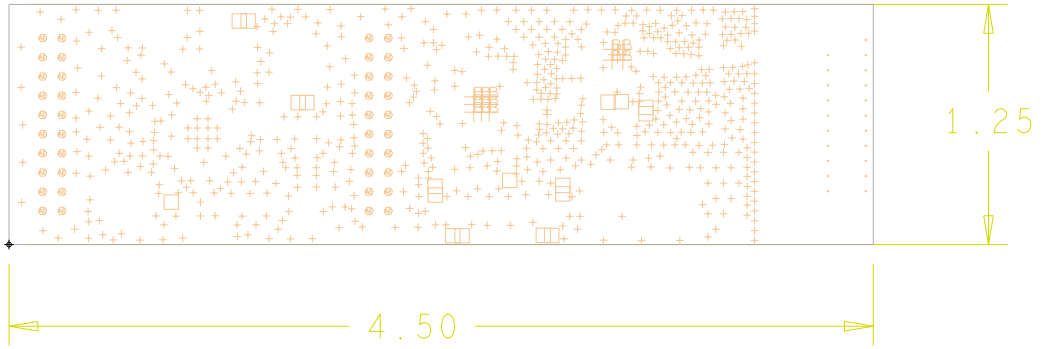


DESIGN CROSS SECTION CHART
TOTAL THICKNESS 48.8 MIL

DRILL CHART: TOP to BOTTOM

ALL UNITS ARE IN MILS

FIGURE	SIZE	TOLERANCE	PLATED	QTY
+	8.0	+3.0/-3.0	PLATED	2
+	10.0	+3.0/-3.0	PLATED	672
⊕	15.0	+3.0/-3.0	PLATED	14
·	15.75	+3.0/-3.0	PLATED	21
+	20.0	+3.0/-3.0	PLATED	1
□	20.0	+3.0/-3.0	PLATED	8
□	30.0	+3.0/-3.0	PLATED	10
◎	41.34	+3.0/-3.0	PLATED	40



CUSTOMER: Texas Instruments			
BOARD NAME: BOOSTXL-CC120-90	LAYER DESCRIPTION: Fabrication Drawing		
PROJECT NUMBER: XXXXXX	BOARD REV: A	RELEASE DATE: 2015-10-19	SHEET NUMBER: 1 of 1