

TEXAS INSTRUMENTS		Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.	Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
574-00120	1B												FB
<small>Date: 25-JAN-10 Filename: 574-00120-1B.PCB Engineer: Gary Quentner PCB Designer: Larry Prugh Modified Date: MON, 25-JAN-10 Time Stamp: 11:23:37</small>													

FABRICATION CHART

FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
			EXTERNAL	INTERNAL
<input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 2 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 2 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING		LAYER COUNT	
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input checked="" type="checkbox"/> 0.010/0.010 <input type="checkbox"/> 0.008/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER

NOTES: UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES +/- 0.005 UNLESS OTHERWISE SPECIFIED

- MATERIAL:** ALL MATERIALS, INCLUDING BUT NOT LIMITED TO BASE LAMINATE, BONDING MATERIALS AND SOLDERMASK COATINGS FORMING THE FINISHED PRINTED CIRCUIT BOARD SHALL MEET UL-796 REQUIREMENTS AND HAVE A FLAMMABILITY OF UL94V-0.
- BASE LAMINATE:** PLASTIC SHEET, LAMINATED METAL CLAD, TWO SIDES, BASE MATERIAL NEMA TYPE FR-406 170° Tg OR GREATER, GLASS EPOXY RESIN, COPPER-CLAD IN ACCORDANCE WITH 2 LAYER STACK-UP.
- SOLDERMASK:** SOLDERMASK OVER BARE COPPER (SMOBC) USING GREEN LIQUID PHOTO-IMAGEABLE SOLDERMASK IN ACCORDANCE WITH IPC-SM-840, MATTE FINISH PREFERRED.
- PLATING:** HOLES REQUIRING PLATING, SEE HOLE CHART, TO HAVE 1 OZ. (0.001) MIN. THICK COPPER.
- FINISH:** 100% ELECTRO-TIN or 60/40 TIN LEAD (HASL)
- LEGEND:** IF REQUIRED, SILKSCREEN LEGEND(S) WITH WHITE NON-CONDUCTIVE PHOTO-IMAGEABLE EPOXY INK. SILKSCREEN LEGEND TO BE "CLIPPED" FROM ALL COMPONENT PADS.
- MARKINGS:** BOARD MUST BEAR VENDOR'S IDENTIFICATION CODE (WHITE NON-CONDUCTIVE INK). ON THE BOTTOM SIDE ONLY, LOCATION OPTIONAL.
- WORKMANSHIP:** BOARD IS TO BE MANUFACTURED PER IPC-A-600 CLASS 2 REQUIREMENTS OR BETTER.
- DOCUMENTATION:** PCB VENDOR IS REQUIRED TO RETURN ANY AND ALL DOCUMENTS SUPPLIED OR ULTIMATELY PURCHASED BY TEXAS INSTRUMENTS UPON COMPLETION OF PURCHASE ORDER.
- DRILL SIZES:** HOLE DIAMETERS SHOWN ARE FINISHED SIZES AFTER PLATING UNLESS OTHERWISE NOTED.
- PANEL BORDER:** ANY METAL IN BORDER AREA INCLUDING PART NUMBER, DATECODE AND/OR REVISION LETTERS MUST BE COVERED WITH SOLDERMASK.
- PROCESS CHANGES:** NO DIMENSIONAL, MATERIAL, OR PROCESS CHANGES ARE ALLOWED WITHOUT PRIOR EXPLICIT WRITTEN PERMISSION FROM TEXAS INSTRUMENTS.

FINISHED HOLE SIZES Dimensions are in Inches

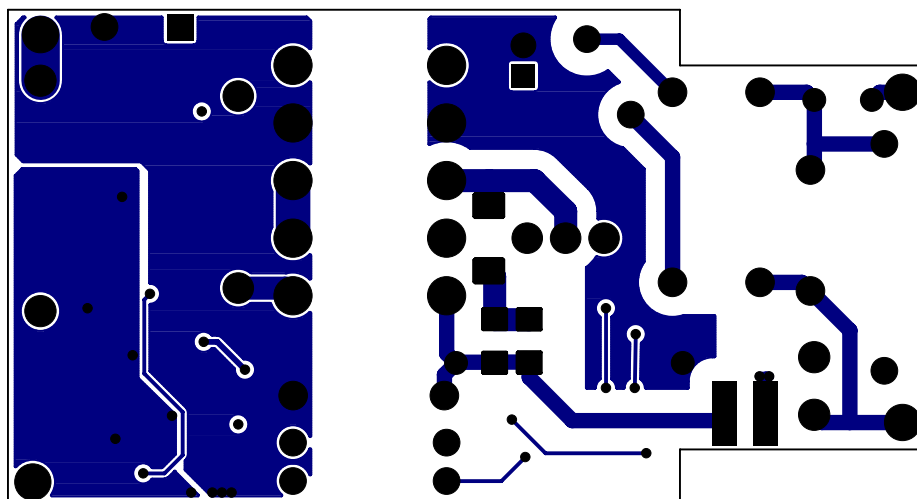
SIZE	QTY	SYM	PLATED	TOL
0.0145	24	×	YES	+0.003/-0.010
0.032	4	+ ^A	YES	+/-0.003
0.04	4	+ ^B	YES	+/-0.003
0.042	4	+ ^C	YES	+/-0.003
0.025	2	+ ^D	YES	+/-0.003
0.041	8	+ ^E	YES	+/-0.003
0.052	6	+ ^F	YES	+/-0.003
0.055	10	+ ^G	YES	+/-0.003
0.051	3	+ ^H	YES	+/-0.003
0.049	4	+ ^I	YES	+/-0.003
0.035	2	+ ^J	YES	+/-0.003



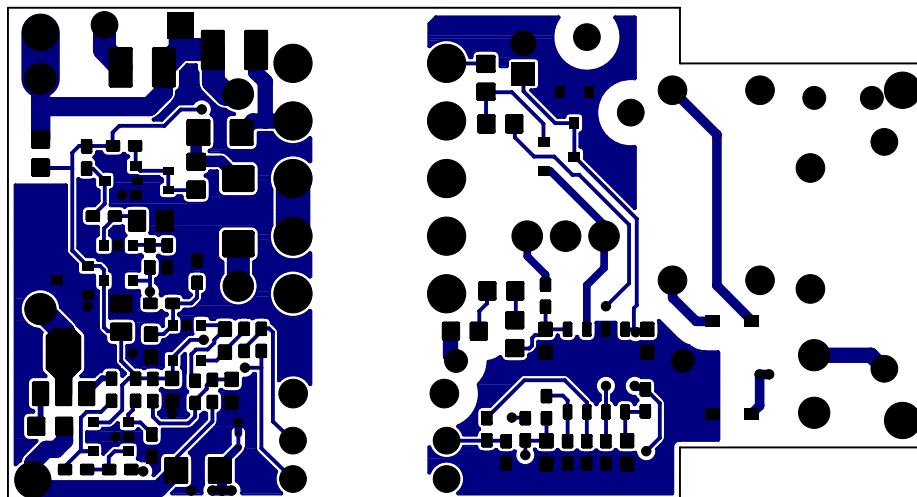
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FILENAME 574-00120-1B.PCB

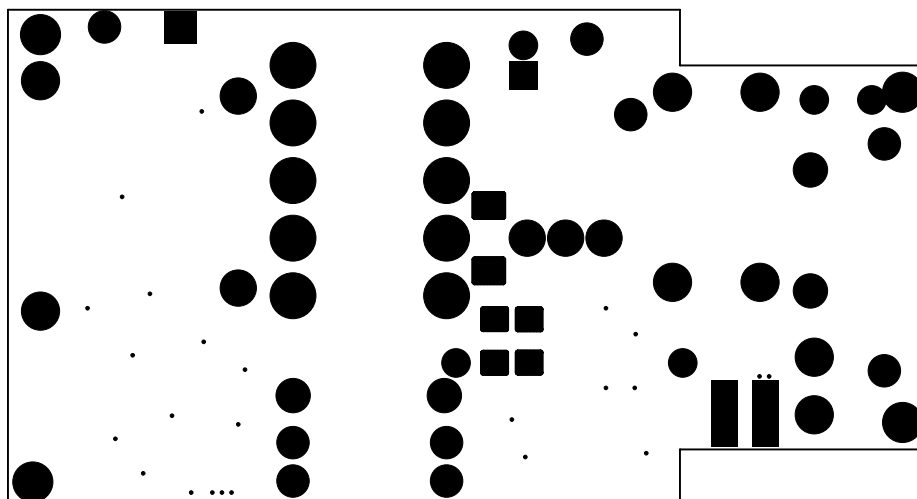
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PMP6001 (REV_B)		REFERENCE NO	
DRAWN	DATE	REV 1B	ECO NUMBER
CHECKED	DATE	SIZE A	SCALE NTS
ISSUED	DATE	DO NOT SCALE DRAWING	
		PAGE 1 OF 7	



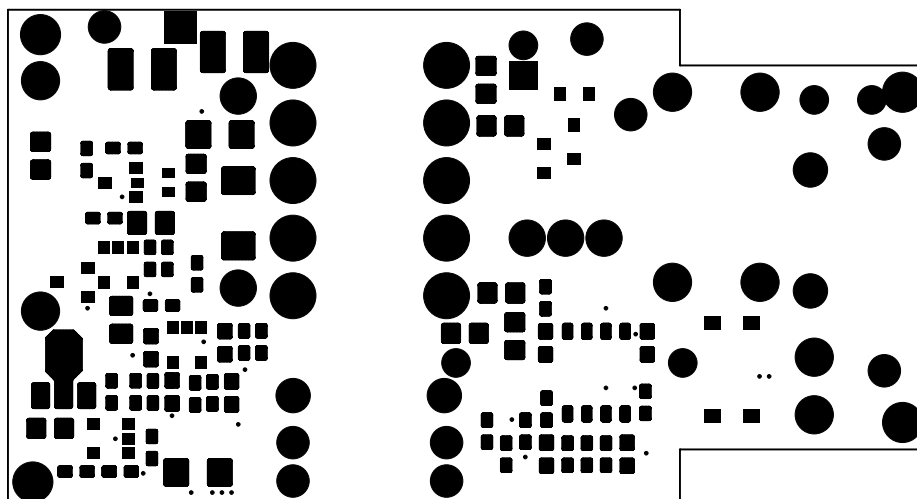
TEXAS INSTRUMENTS		Copper Layer Name						Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
		Top	Internal				Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Board No.	574-00120	Rev.	1B	L1												
Reference No.																
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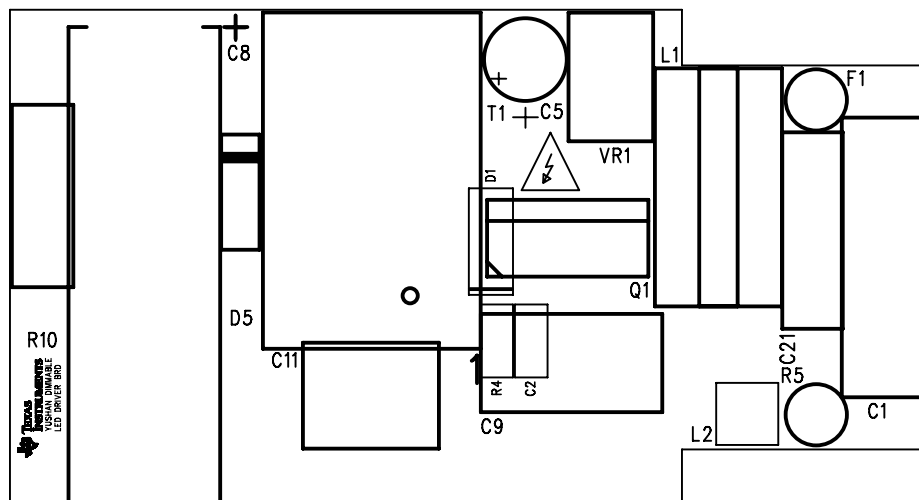
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		Top	Internal				Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Board No.	574-00120	Rev.					L2									
Reference No.																
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Reference No.		1B															
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		Top	Internal				Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Board No.	574-00120	Rev.									M2					
Reference No.																
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				Top	Internal					Bot	Top	Bot	Top	Bot	Top	Bot	Top	
Board No.	574-00120	Rev.	1B							S1								
Reference No.																		
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				Top	Internal						Bot	Top	Bot	Top	Bot	Top	Bot		Top
Board No. 574-00120		Rev. 1B									S2								
Reference No.																			
Date: 25-JAN-10		Filename: 574-00120-1B.PCB		Engineer: Gary Guenther		PCB Dsgnr: Larry Pruyn		Modified Date: MON. 25-JAN-10										Time Stamp: 11:23:37	