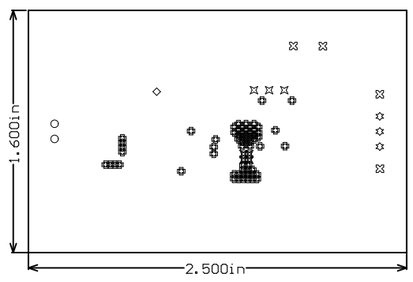
Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				
2	Top Solder	Solder Resist	0.40mil	3.5	
3	Top Layer	Copper	1.40mil		
4	Dielectric1	FR-4	59.20mil	4.8	
5	Bottom Layer	Copper	1.40mil		
6	Bottom Solder	Solder Resist	0.40mil	3.5	
7	Bottom Overlay				



Symbol	Quantity	Finished Hole Size	Plated	Hole Type	Drill Layer Pair	Hole Tolerance
✖	4	7.87mil (0.200mm)	PTH	Round	Top Layer - Bottom Layer	
✿	63	16.00mil (0.406mm)	PTH	Round	Top Layer - Bottom Layer	
✖	3	33.46mil (0.850mm)	PTH	Round	Top Layer - Bottom Layer	
○	2	40.16mil (1.020mm)	PTH	Round	Top Layer - Bottom Layer	
✡	3	42.13mil (1.070mm)	PTH	Round	Top Layer - Bottom Layer	
⊠	4	63.00mil (1.600mm)	PTH	Round	Top Layer - Bottom Layer	
◇	1	98.43mil (2.500mm)	PTH	Round	Top Layer - Bottom Layer	
	80 Total					

DESIGN INFORMATION

MIN. TRACK WIDTH: 10 MIL
MIN. CLEARANCE: 0.2 mm
MIN. VIA PAD SIZE: 34 MIL
MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL
HOLE SIZE TOLERANCE (UNLESS OTHERWISE SPECIFIED): +/- 3 MIL

MATERIAL:
[ ] FR-408 [X] FR-4 High Tg [ ] OTHER _____
THICKNESS: [X] 62 MIL (1.6mm) +/-10% [ ] OTHER _____
TOLERANCE: [X] ANSI IPC-6012 TYPE 3 CLASS 2
[ ] OTHER +/- _____
BOW & TWIST: [X] ANSI IPC-6012 TYPE 3 CLASS 2
[ ] OTHER +/- _____

DRILLING:
REFERENCE: [X] AS SHOWN [X] NC_DRILL FILES
PTH COPPER THICKNESS: [X] 20-30 um [ ] OTHER _____

BOARD FINISH:
SILKSCREEN: [X] TOP [X] BOTTOM
SILKSCREEN COLOR: [X] WHITE [ ] OTHER _____
SOLDER RESIST COLOR: [X] GREEN [ ] OTHER _____
[X] MATTE [ ] SEMI-GLOSS

SURFACE FINISH: [ ] IMMERSION GOLD (ENIG) [ ] ENEPIG
[X] IMM. TIN/SILVER OR EQUIV [ ] OTHER _____

ARRAY/PANEL: [X] CUT AND TRIM PER M1 BOARD OUTLINE
[ ] N.C. ROUTE [ ] V. SCORE

CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBS TO MEET OR EXCEED THE REQUIREMENTS OF:
[X] ANSI IPC-A-600F CLASS -> [ ] 1 [X] 2 [ ] 3
[X] RoHS [ ] OTHER PER ORDER

ALL BOARDS MUST MEET OR EXCEED UL94-V0 REQUIREMENTS.
PCB MUST BEAR THE UL94V-0 UL REGISTERED MATERIAL ID NUMBER

ADDITIONAL REQUIREMENTS:
MICROSECTION: [ ] YES
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER

TEXAS INSTRUMENTS

PROJECT TITLE: TPS92515HVEVM-749
DESIGNED FOR: Public Release
FILE NAME: PWR749A.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: PWR749	REV: A	SVN REV: Not In VersionControl
LAYER NAME = [illegible]ions			
PLOT NAME = Fabrication Drawing	GENERATED : 4/1/2016 10:10:56 AM	TEXAS INSTRUMENTS	

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ENGINEER:	LAYOUT BY:
Tim Sullivan	Kerry Murphy
SCALE: 1.00	ALTIUM DESIGNER VERSION: 16.0.1.132