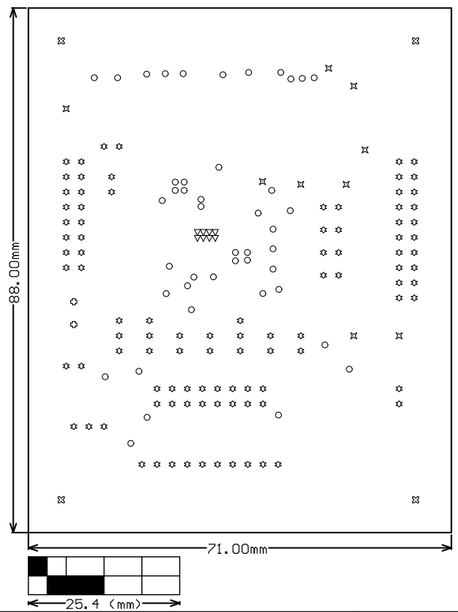
Layer	Name	Material	Thickness	Constant	Board Layer Stack	Board Layer Stack
1	Top Overlay					
2	Top Solder	Solder Resist	0.40mil	3.5		
3	Top Layer	Copper	1.40mil			
4	Dielectric1	FR-4	21.65mil	4.8		
5	InternalPlane2	Copper	1.40mil			
6	Dielectric3	FR-4	12.60mil	4.8		
7	InternalPlane1	Copper	1.40mil			
8	Dielectric2	FR-4	21.65mil	4.8		
9	Bottom Layer	Copper	1.40mil			
10	Bottom Solder	Solder Resist	0.40mil	3.5		
11	Bottom Overlay					

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
2795MIL X 3465MIL

Number of Layers : 4
MIN. TRACK WIDTH: 6 MIL
MIN. CLEARANCE: 6 MIL
MIN. VIA PAD SIZE: 26 MIL
MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL
PER IPC-D-275 CLASS 2 LEVEL C
REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 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 +/-
COPPER THICKNESS (FINISHED):
OUTER: [X] 1.4MIL (1oz) [ ] 2MIL (1.4oz) [ ] 2.8MIL (2oz)
INNER SIGNAL: [X] 1.4MIL (1oz) [ ] 2.8MIL (2oz) [ ] N/A
DRILLING:
REFERENCE: [X] AS SHOWN [X] NC_DRILL FILES
PTH MIN COPPER THICKNESS: [X] 1MIL [ ] OTHER
BOARD FINISH:
SILKSCREEN: [X] TOP [X] BOTTOM
SILKSCREEN COLOR: [X] WHITE [ ] OTHER
SOLDER RESIST COLOR:
[X] GREEN [ ] BLUE [ ] OTHER
SURFACE FINISH: [X] IMMERSION GOLD (ENIG) [ ] ENEPIG
[ ] IMM. TIN/SILVER OR EQUIV [ ] OTHER
ARRAY/PANEL: [ ] CUT AND TRIM PER MECH LAYER 1
[ ] N.C. ROUTE [X] 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] UL 94V-0 [X] RoHS [ ] OTHER PER ORDER
ADDITIONAL REQUIREMENTS:
MICROSECTION: [ ] YES
BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER
MANUFACTURER'S UL: [ ] RAIL [ ] METAL [X] SILK



Symbol	Hit Count	Tool Size	Plated	Hole Type
▽	8	0.2mm (7.874mil)	PTH	Round
○	44	0.406mm (16mil)	PTH	Round
☼	98	1.016mm (40mil)	PTH	Round
⌑	9	1.02mm (40.157mil)	PTH	Round
⌬	2	1.1mm (43.307mil)	PTH	Round
⊠	4	3.2mm (125.984mil)	PTH	Round
	165 Total			

Drill Table

TEXAS INSTRUMENTS

PROJECT TITLE: Automotive Backlight Driver, Coupled Coil
DESIGNED FOR: Public Release
FILE NAME: SV601115.PcbDoc

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00503	REV: SEPIC	SVN REV: Not In VersionControl
LAYER NAME = [illegible]ions			
PLOT NAME = Fabrication Drawing	GENERATED : 2.10.2015 9:39:42	TEXAS INSTRUMENTS	

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ENGINEER:	LAYOUT BY:
V. Trondin	V. Trondin
SCALE: 1.00	ALTIUM DESIGNER VERSION: 14.3.14.34663