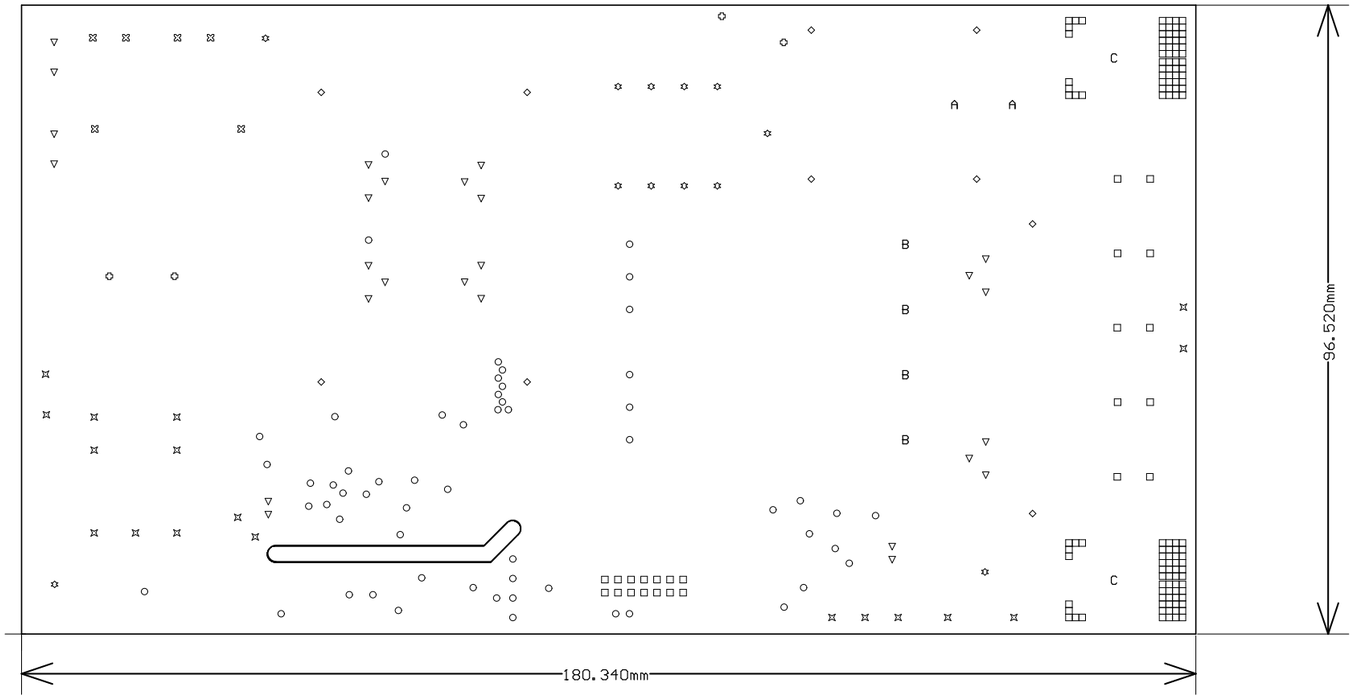
| Symbol | Hit Count | Tool Size | Plated | Hole Type |
|---|---|---|---|---|
| □ | 116 | 16mil (0.406mm) | PTH | Round |
| ○ | 52 | 28mil (0.711mm) | PTH | Round |
| ▽ | 4 | 29.528mil (0.75mm) | PTH | Round |
| ☼ | 8 | 31.496mil (0.8mm) | PTH | Round |
| □ | 24 | 33.465mil (0.85mm) | PTH | Round |
| ◇ | 4 | 39.37mil (1mm) | PTH | Round |
| ⌑ | 14 | 40mil (1.016mm) | PTH | Round |
| ⊠ | 2 | 41.339mil (1.05mm) | PTH | Round |
| ⌾ | 2 | 43mil (1.092mm) | PTH | Round |
| ○ | 6 | 43.307mil (1.1mm) | PTH | Round |
| ⊠ | 4 | 49.213mil (1.25mm) | PTH | Round |
| ▽ | 22 | 51.181mil (1.3mm) | PTH | Round |
| ⌑ | 4 | 76mil (1.93mm) | PTH | Round |
| ⌾ | 2 | 82.677mil (2.1mm) | PTH | Round |
| ◇ | 6 | 125mil (3.175mm) | PTH | Round |
| A | 2 | 151.575mil (3.85mm) | PTH | Round |
| ☼ | 4 | 152mil (3.861mm) | NPTH | Round |
| B | 4 | 200.787mil (5.1mm) | PTH | Round |
| C | 2 | 254mil (6.452mm) | PTH | Round |
| | 282 Total | | | |

Drill Table




1000 (mil)

The Stackup Legend below this is static.
If you change the stackup, update the Legend.

Layer Stack Up Detail for: Ref_Design.PcbDoc

| Layer Name | Gerber Document | Copper Thickness | Dielectric Material |
|---|---|---|---|
| Top Solder Mask | (.GTS) | | Solder Resist |
| Top Layer | (.GTL) | 5.6mil | FR-4 |
| Bottom Layer | (.GBL) | 5.6mil | |
| Bottom Solder Mask | (.GBS) | | Solder Resist |

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
180.34mm X 96.52mm

Number of Layers : 2
MIN. TRACK WIDTH: 12 MIL
MIN. CLEARANCE: 12 MIL
MIN. VIA PAD SIZE: 24 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-4 [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: [ ] 1.4MIL (1oz) [ ] 2MIL (1.4oz) [X] 4oz
INNER SIGNAL: [ ] 1.4MIL (1oz) [ ] 2.8MIL (2oz) [ ] N/A
DRILLING:
REFERENCE: [X] AS SHOWN [X] NC_DRILL FILES
PTH MIN COPPER THICKNESS: [ ] 1MIL [X] 1oz
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)
[ ] 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 ID/LOGO: [ ] RAIL [ ] METAL [X] SILK

TEXAS INSTRUMENTS

PROJECT TITLE: UCC27714EVM-551
DESIGNED FOR: Public Release
FILE NAME: PWR551A.PcbDoc

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PWR551 | REV: A | SVN REV: 1108 |
| LAYER NAME = [illegible]ons | | | |
| PLOT NAME = Fabrication Drawing | GENERATED : 10/9/2014 3:49:59 PM | TEXAS INSTRUMENTS | |

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| ENGINEER: | LAYOUT BY: |
|---|---|
| Mike O'Loughlin | Brian Gaynor/Michael Rodgers |
| SCALE: 1.09 | ALTIUM DESIGNER VERSION: 10.0.0.27009 |