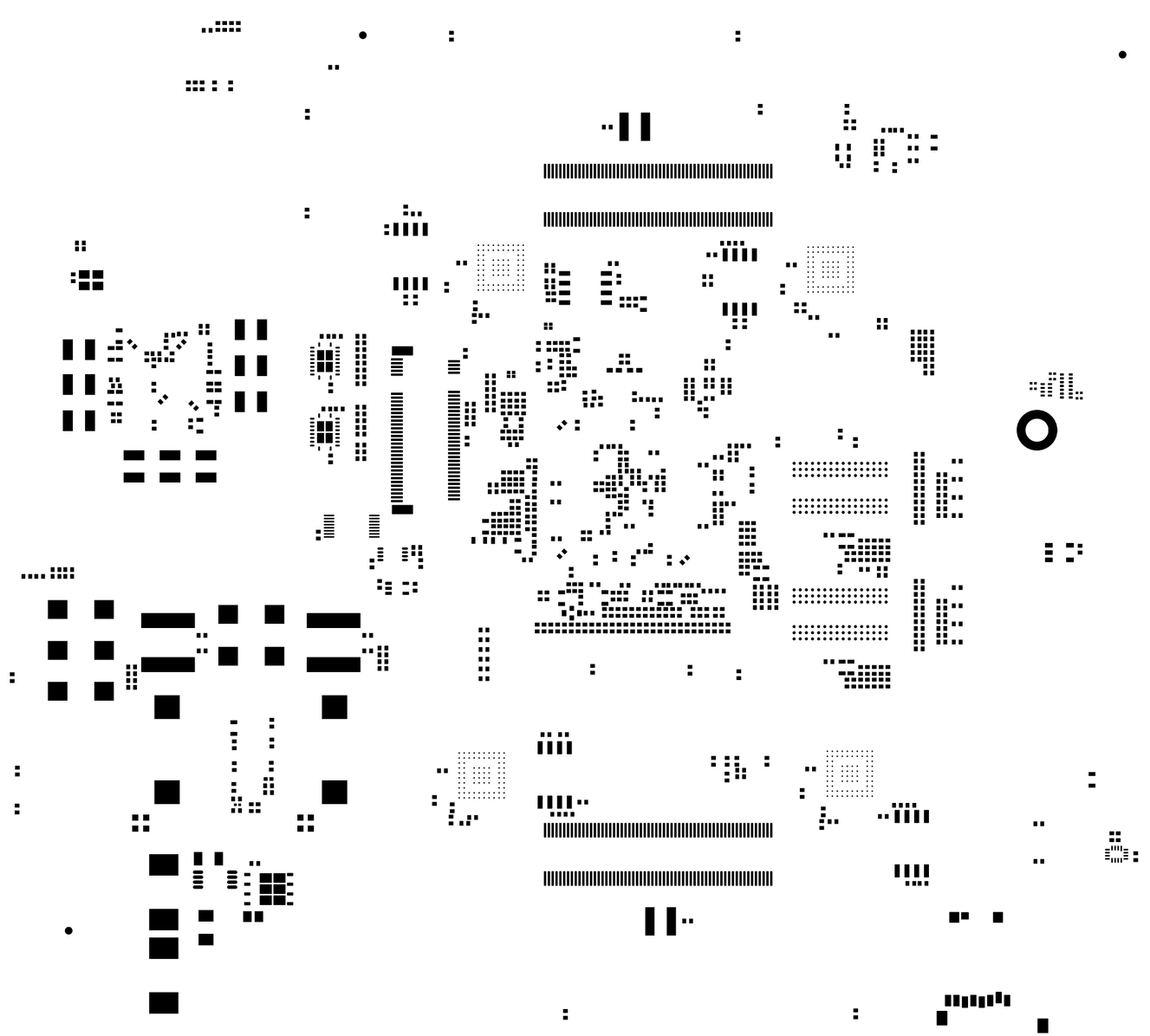
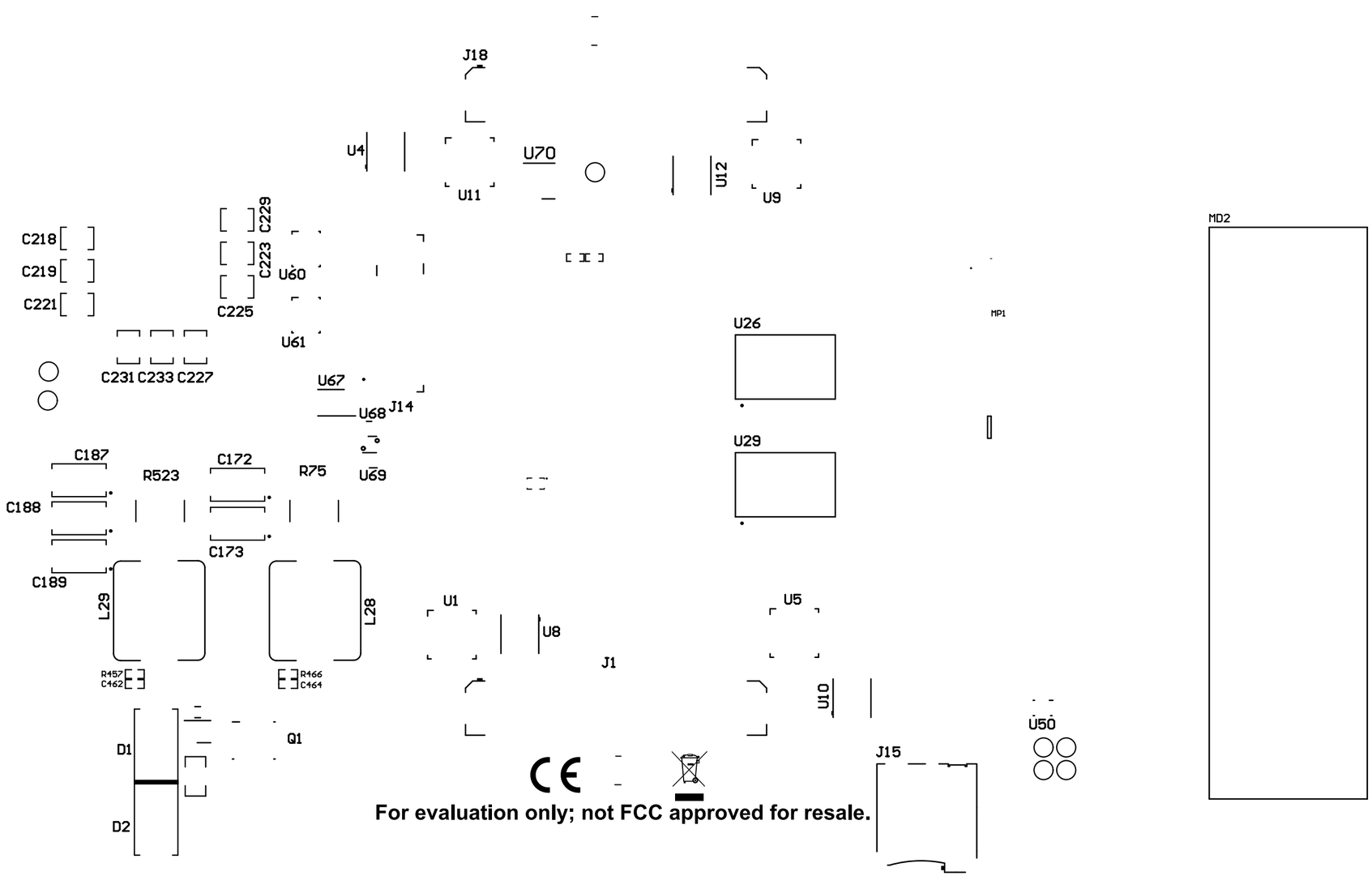
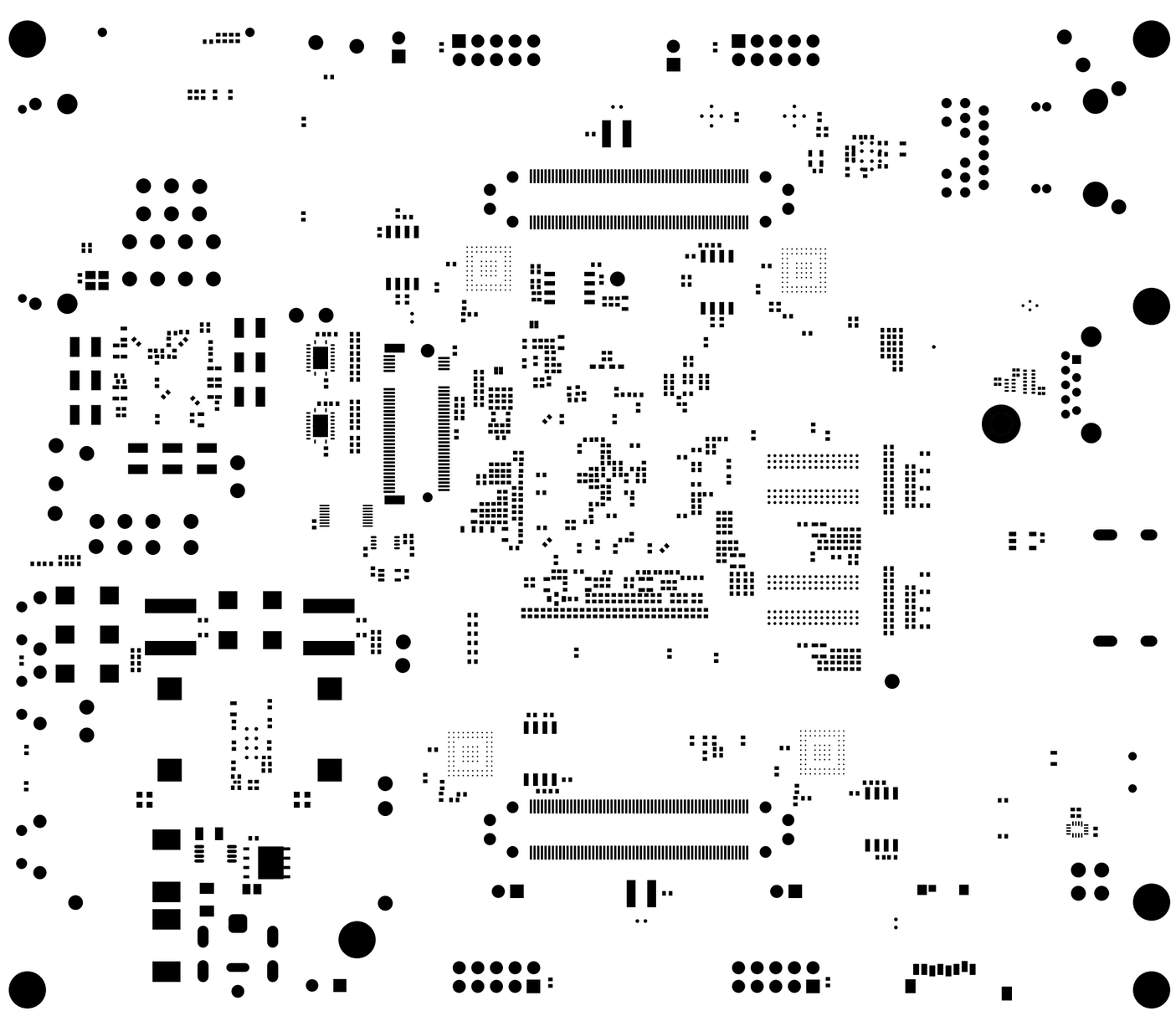


| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = Top Paste | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:56 | | TEXAS INSTRUMENTS |

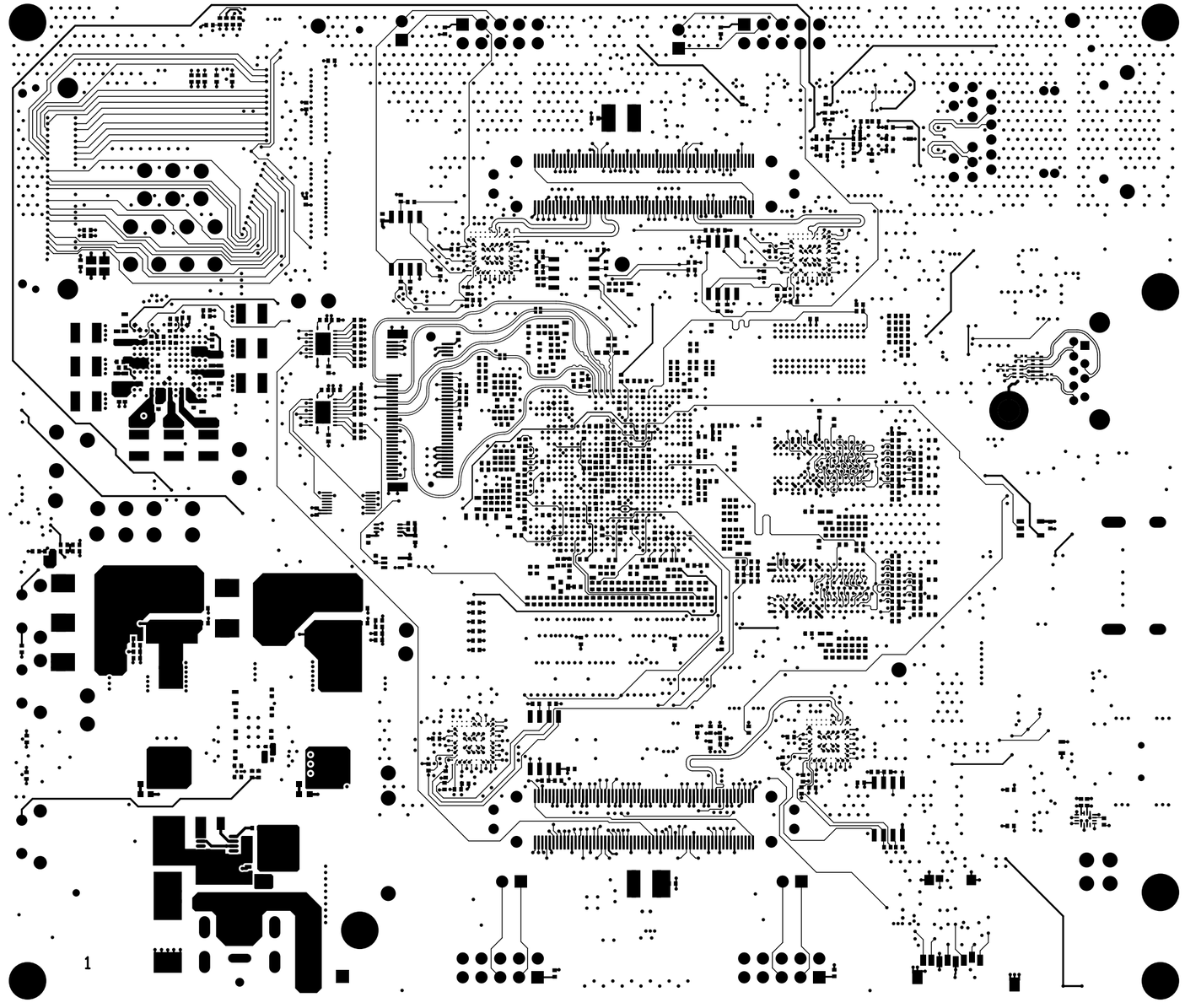



**For evaluation only; not FCC approved for resale.**

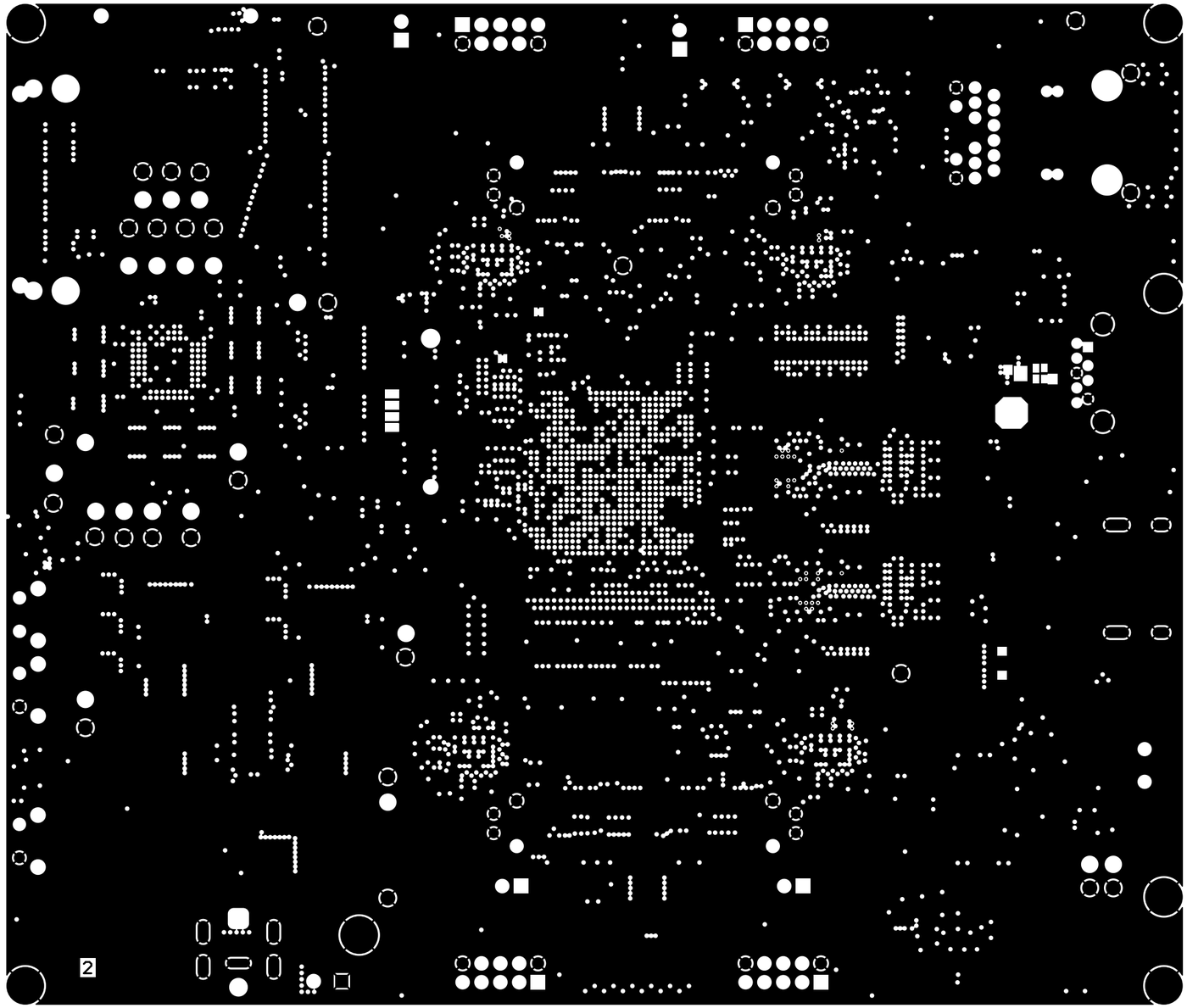
| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = Top Overlay | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:57 | | TEXAS INSTRUMENTS |



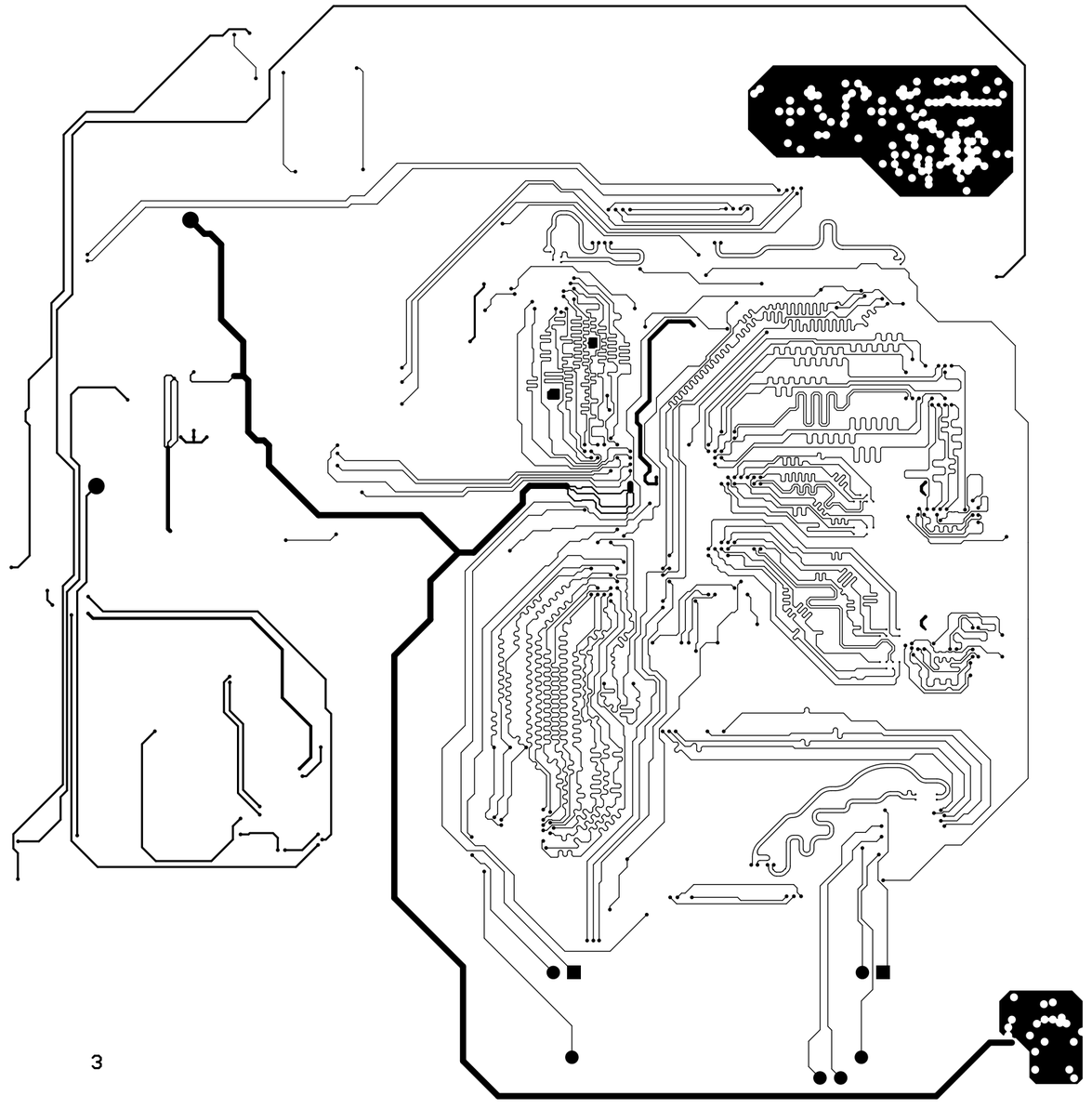
| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROCO55 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = Top Solder | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:56 | | TEXAS INSTRUMENTS |




| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L1 Top Layer | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:52 | | TEXAS INSTRUMENTS |

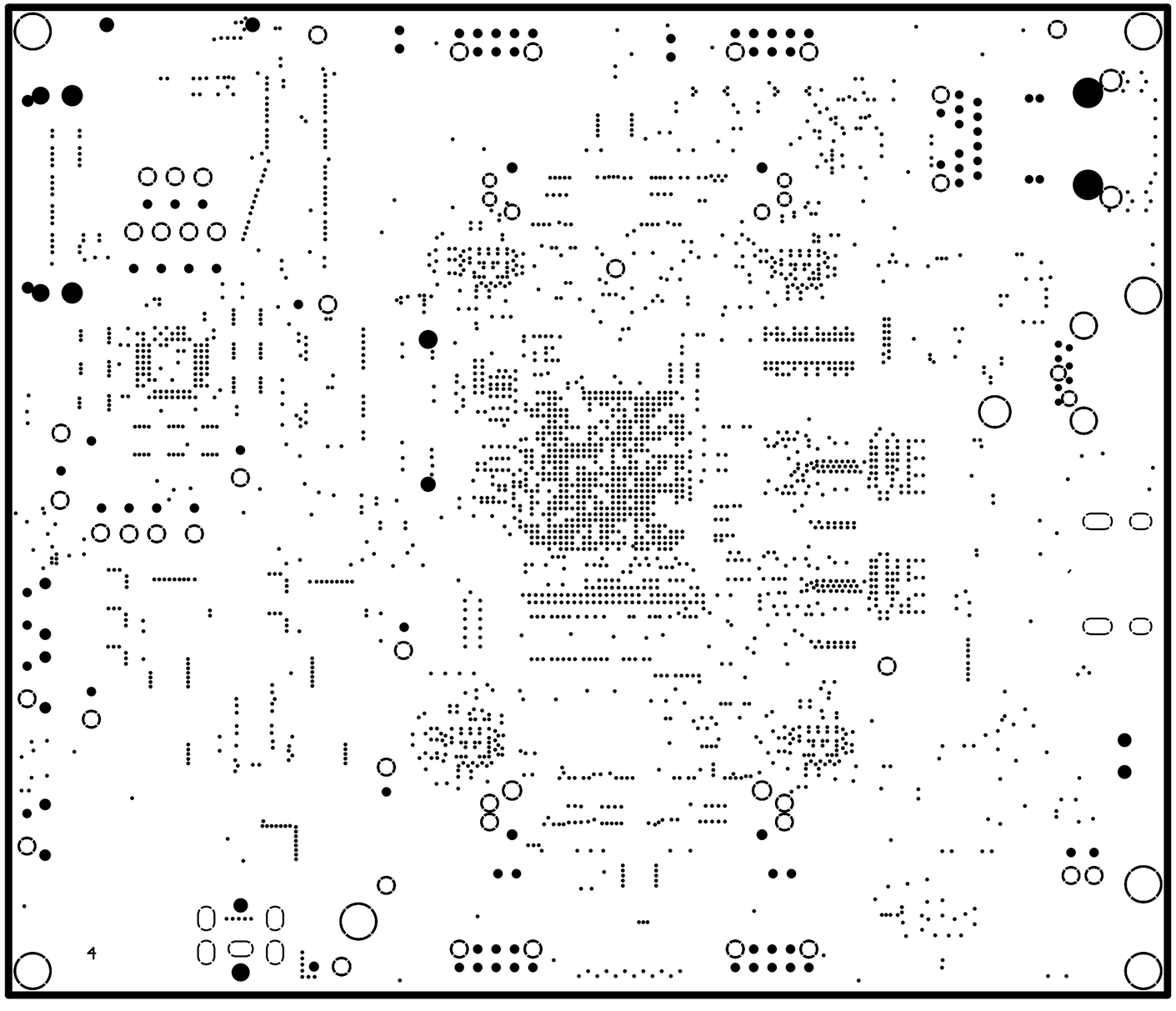



| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L2 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:52 | | TEXAS INSTRUMENTS |

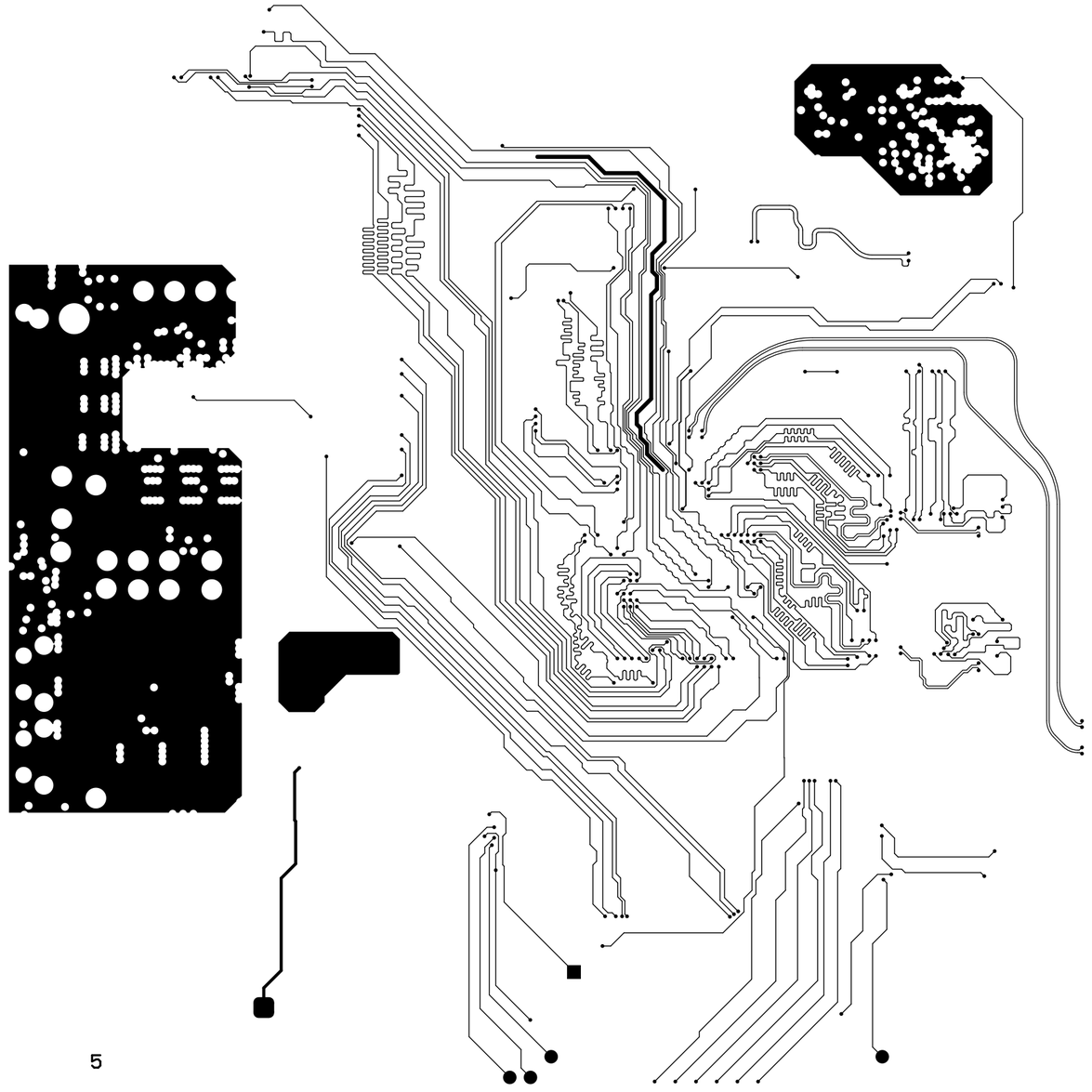


3

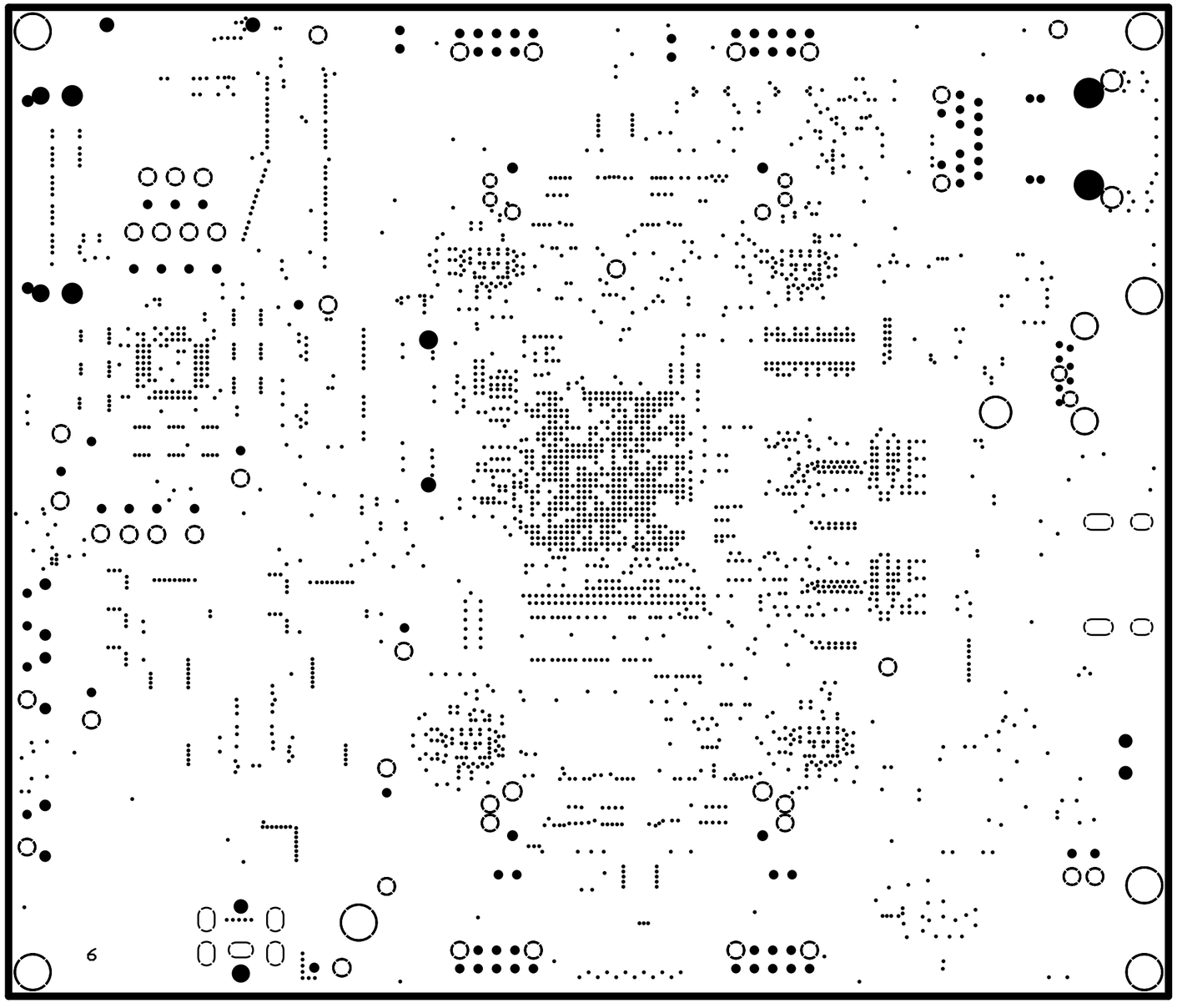
| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L3 Signal | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:52 | | TEXAS INSTRUMENTS |



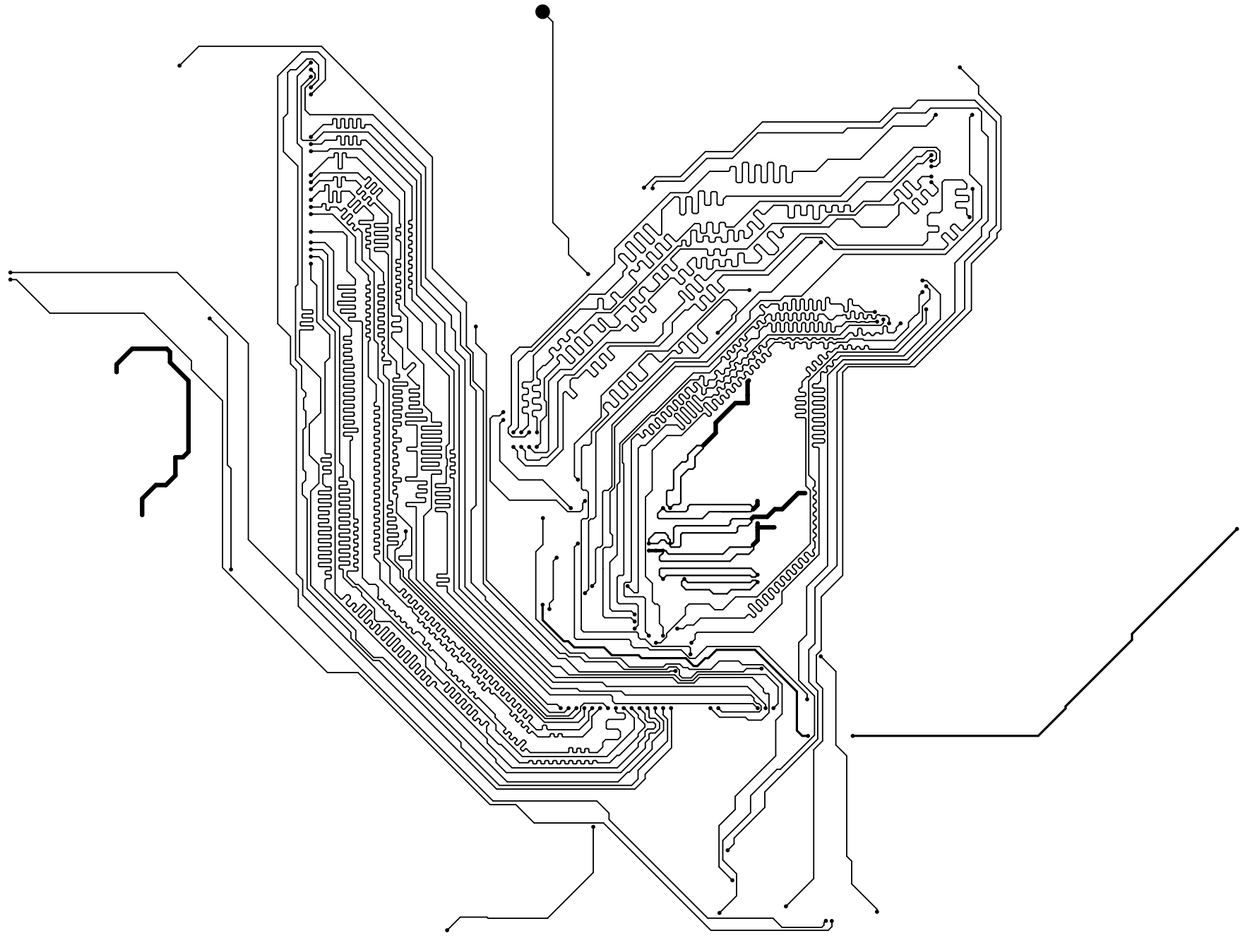

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L4 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:52 | | TEXAS INSTRUMENTS |




| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L5 Signal | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:52 | | TEXAS INSTRUMENTS |

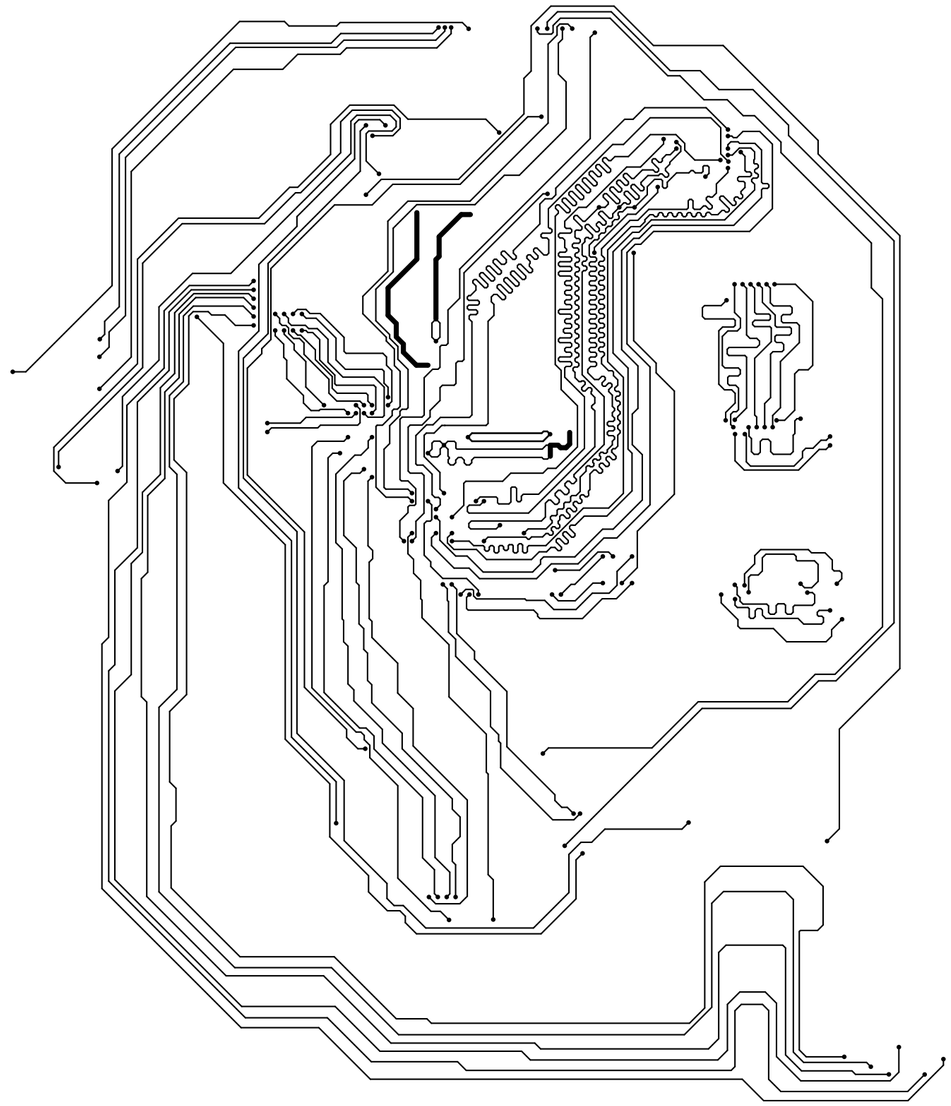



| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L6 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:52 | | TEXAS INSTRUMENTS |



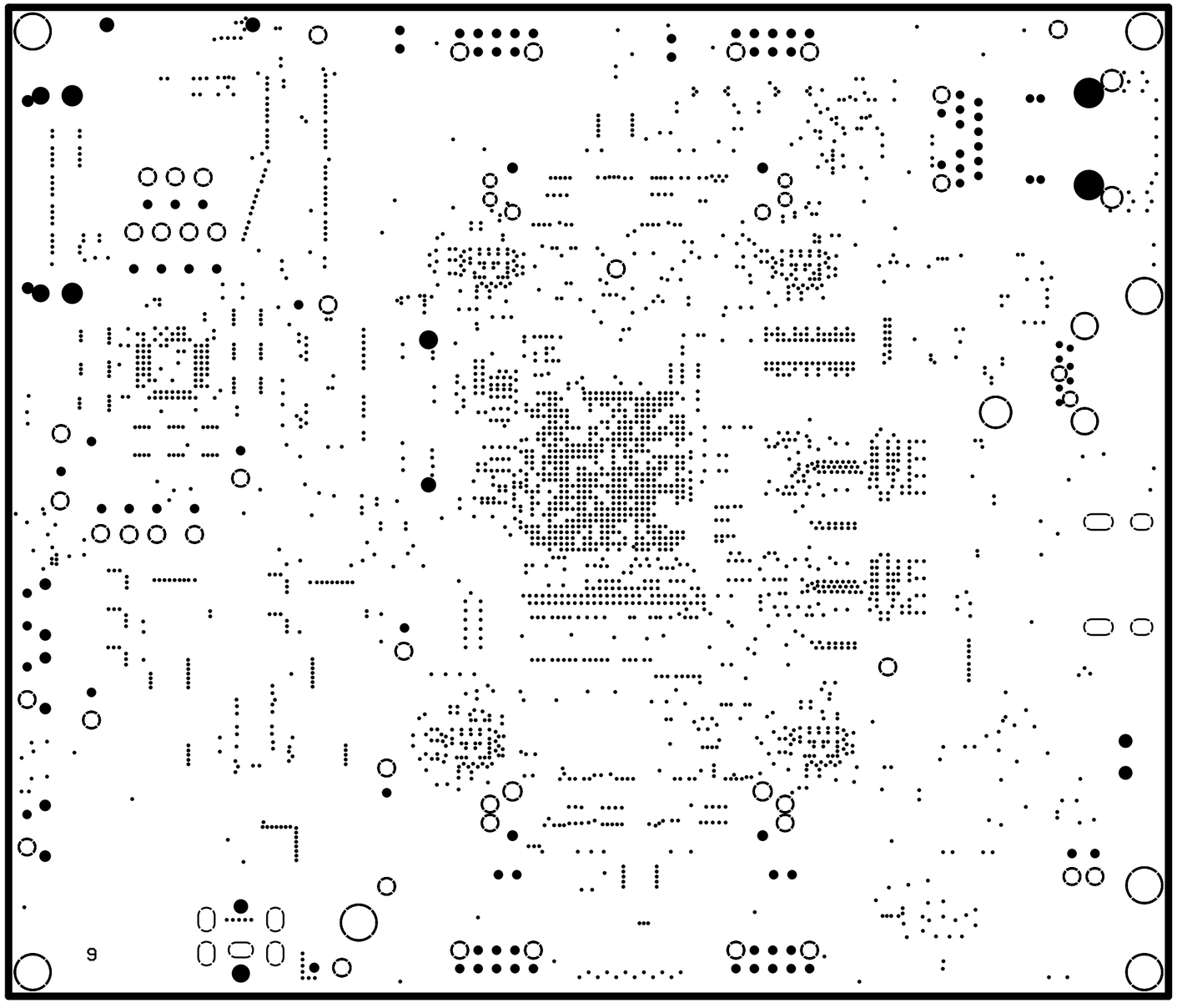
7

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L7 Signal | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:52 | | TEXAS INSTRUMENTS |

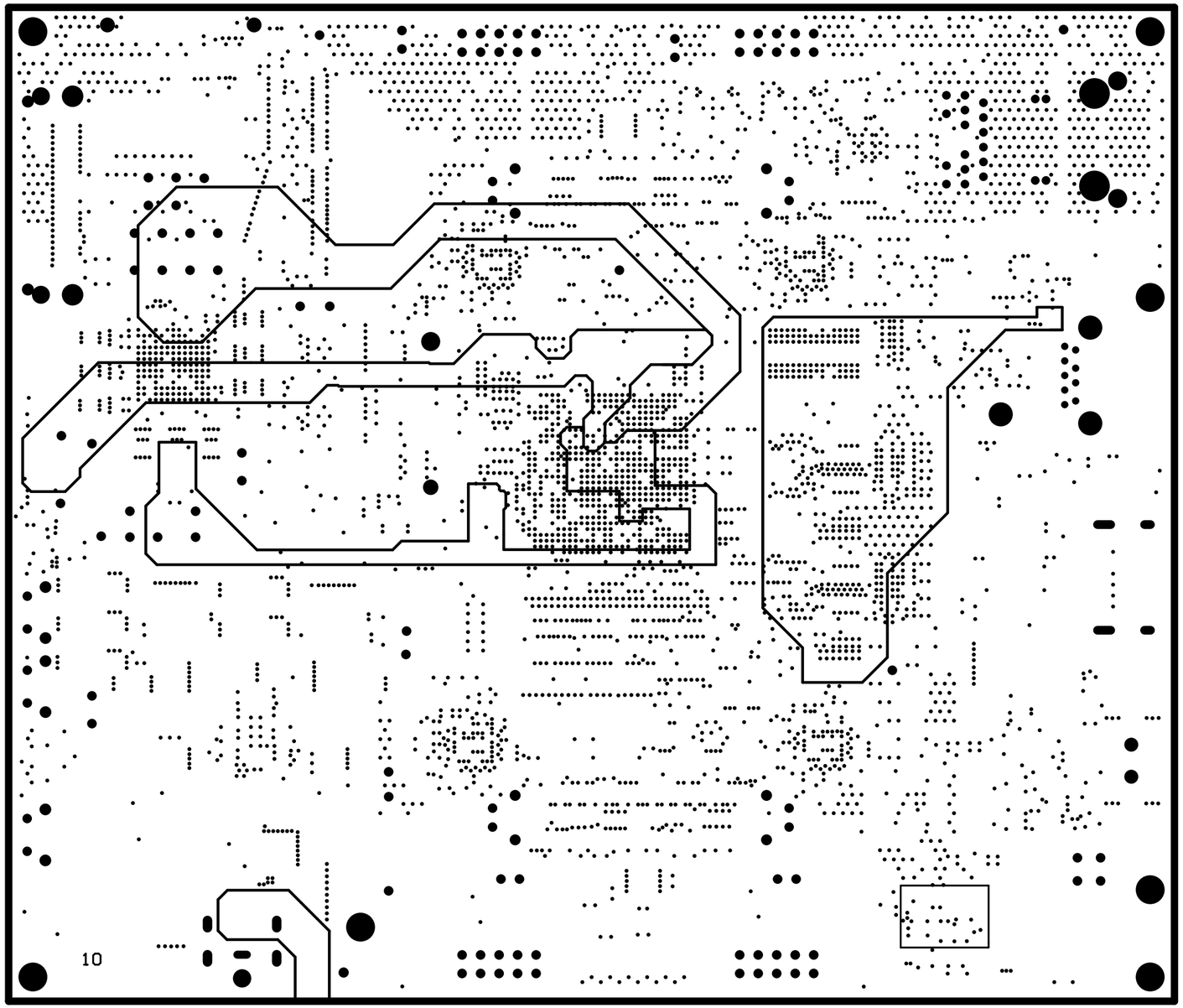


8

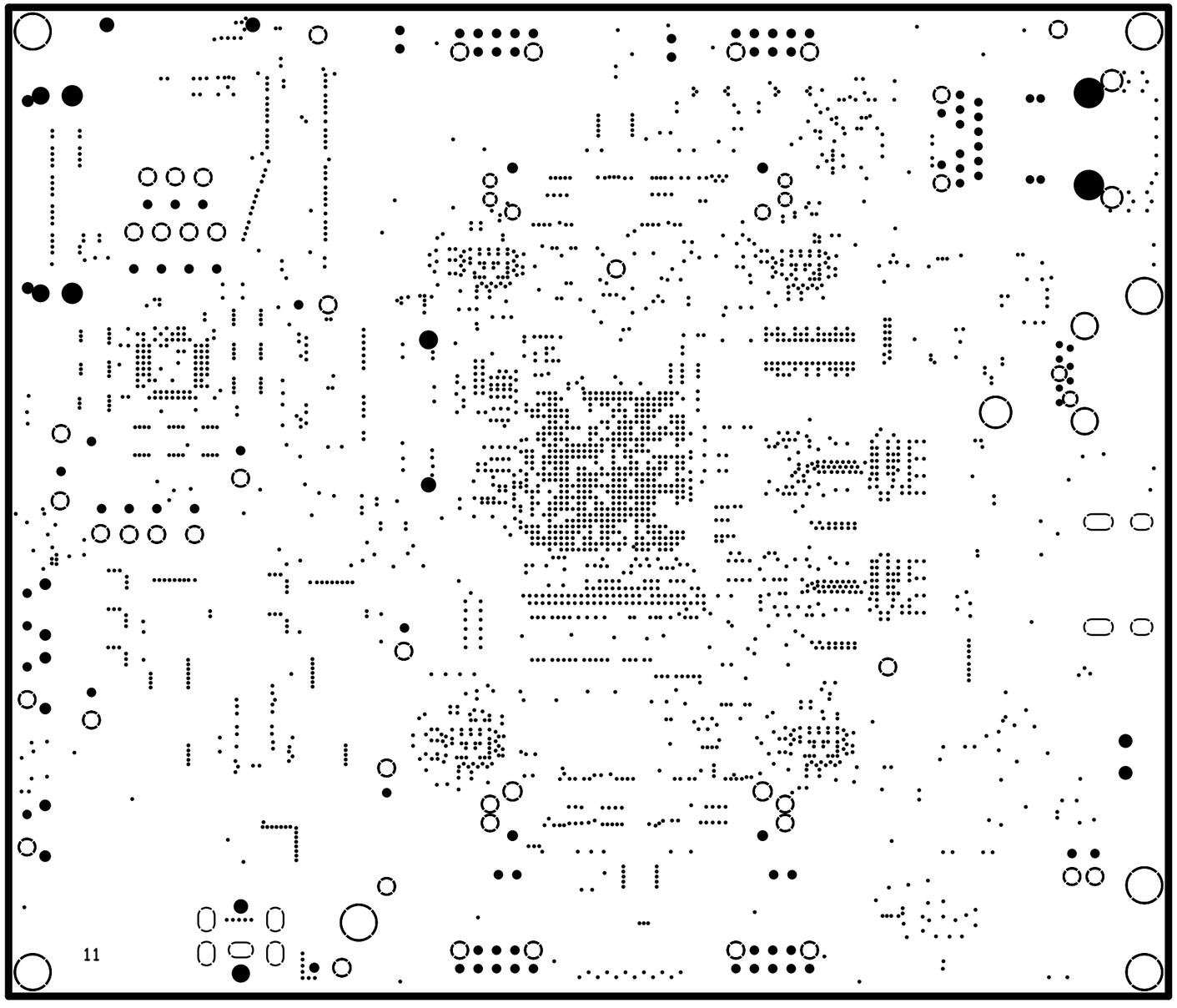
| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L8 Signal | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:52 | | TEXAS INSTRUMENTS |



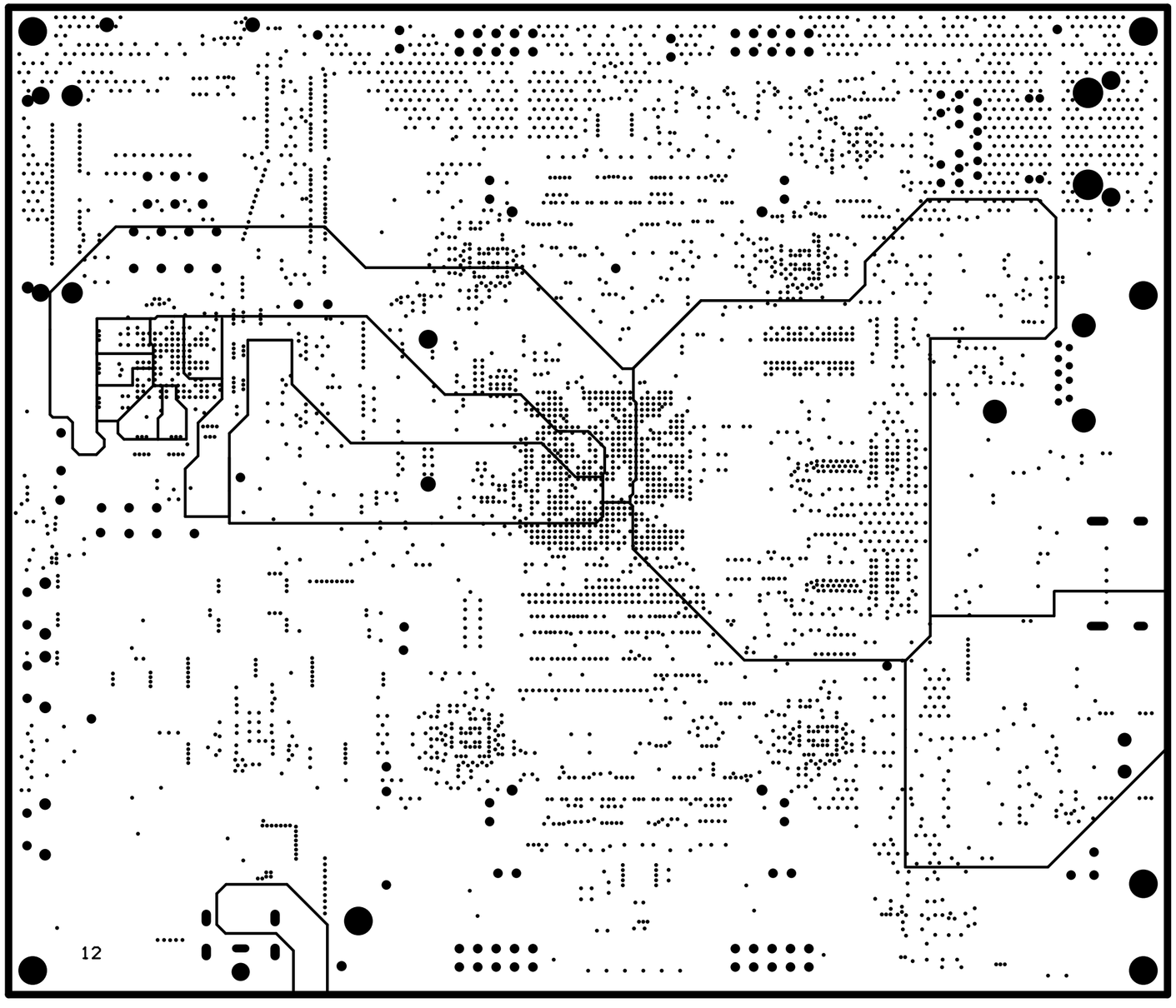

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L9 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:52 | | TEXAS INSTRUMENTS |



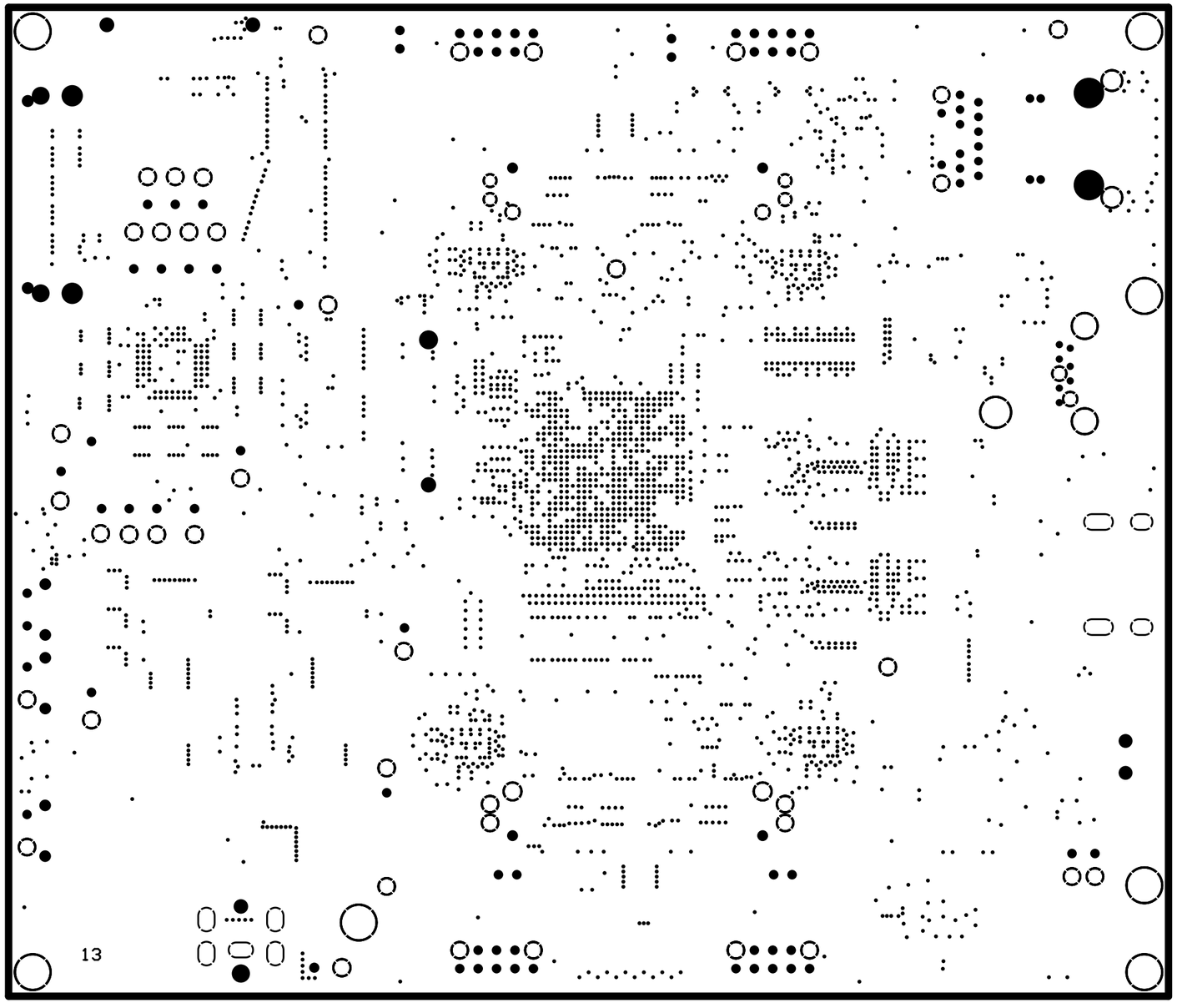

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L10 PWR | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |



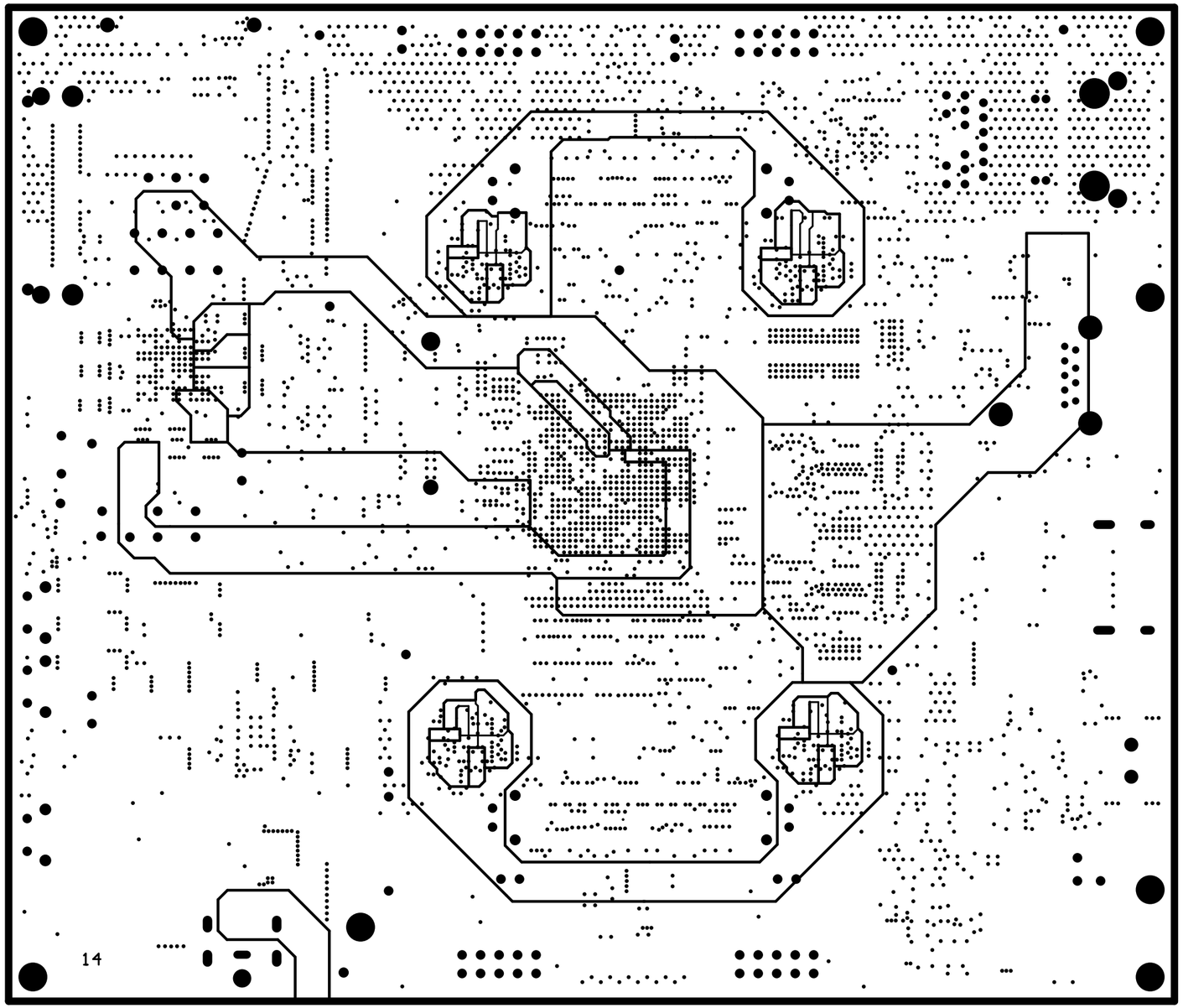

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L11 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |



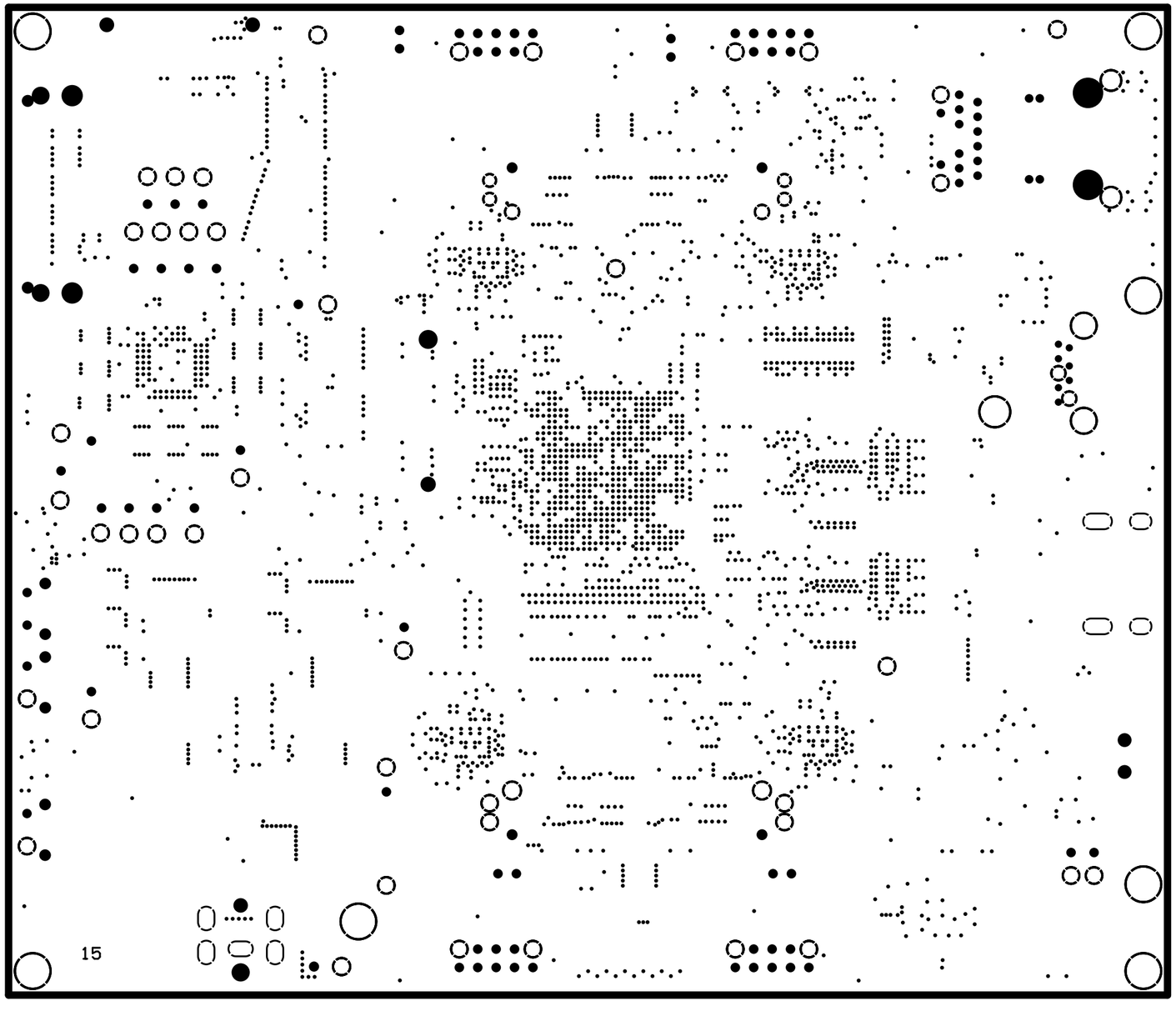

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROCO55 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L12 PWR | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |



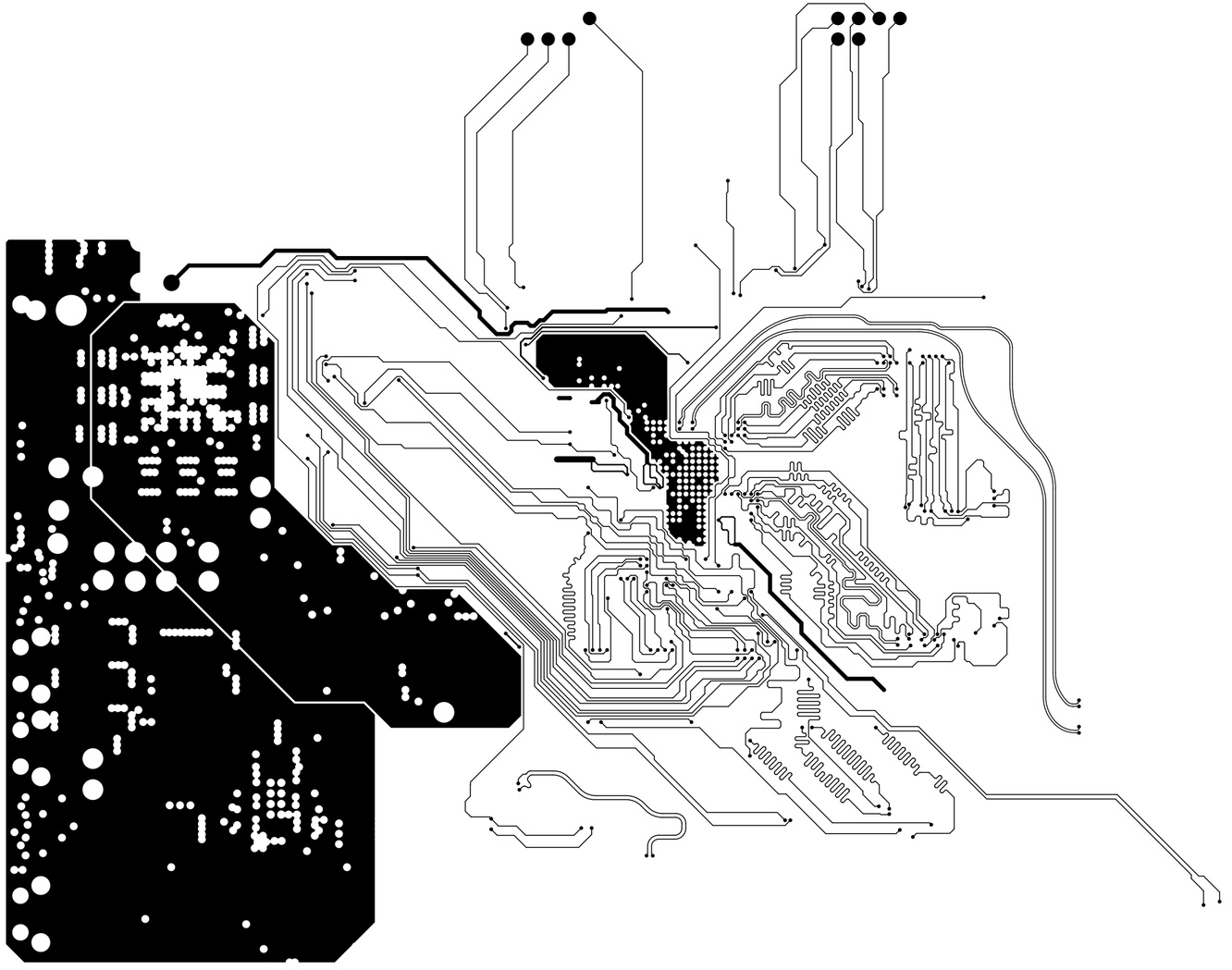

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L13 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |




| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L14 PWR | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |

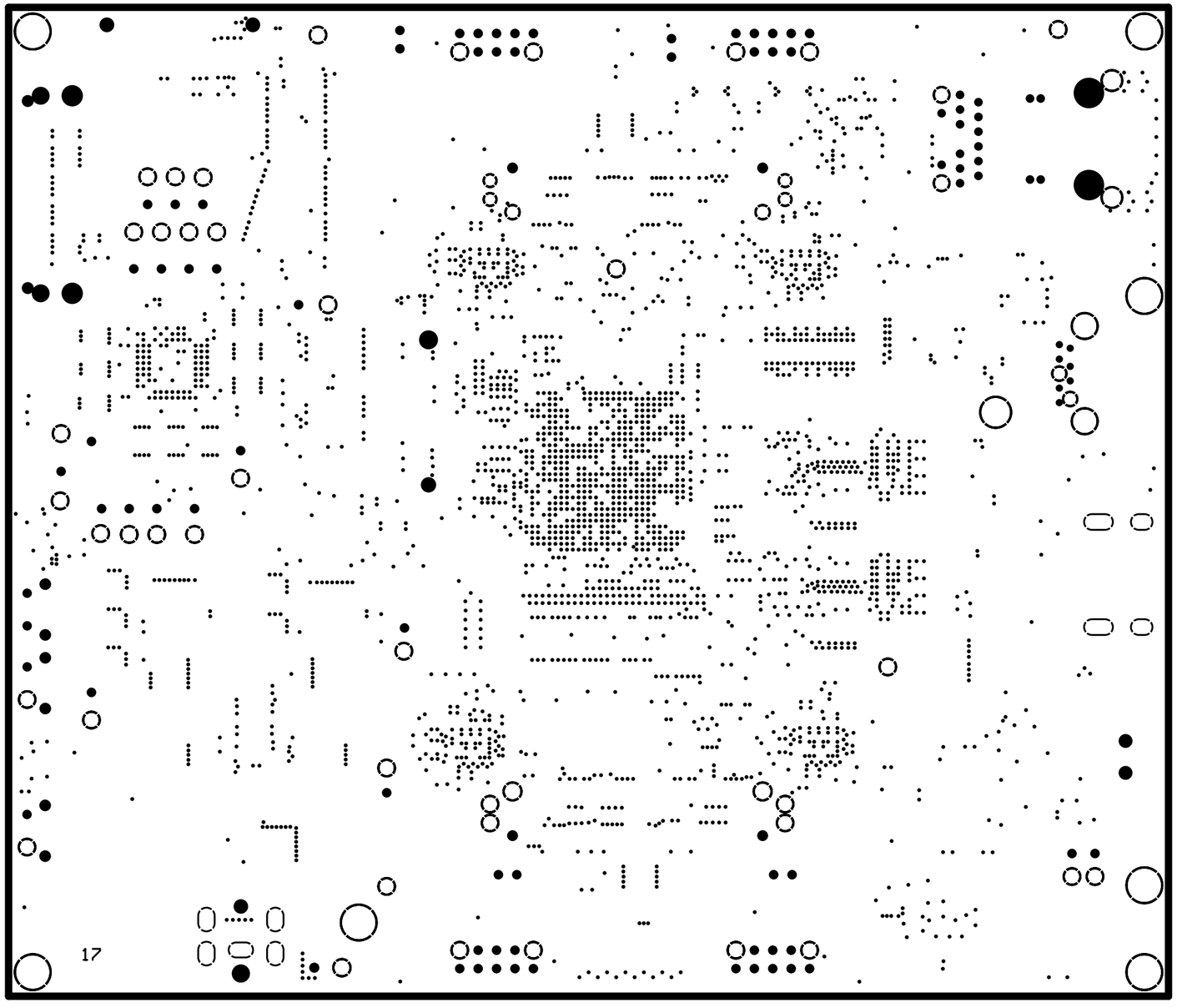



| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L15 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |

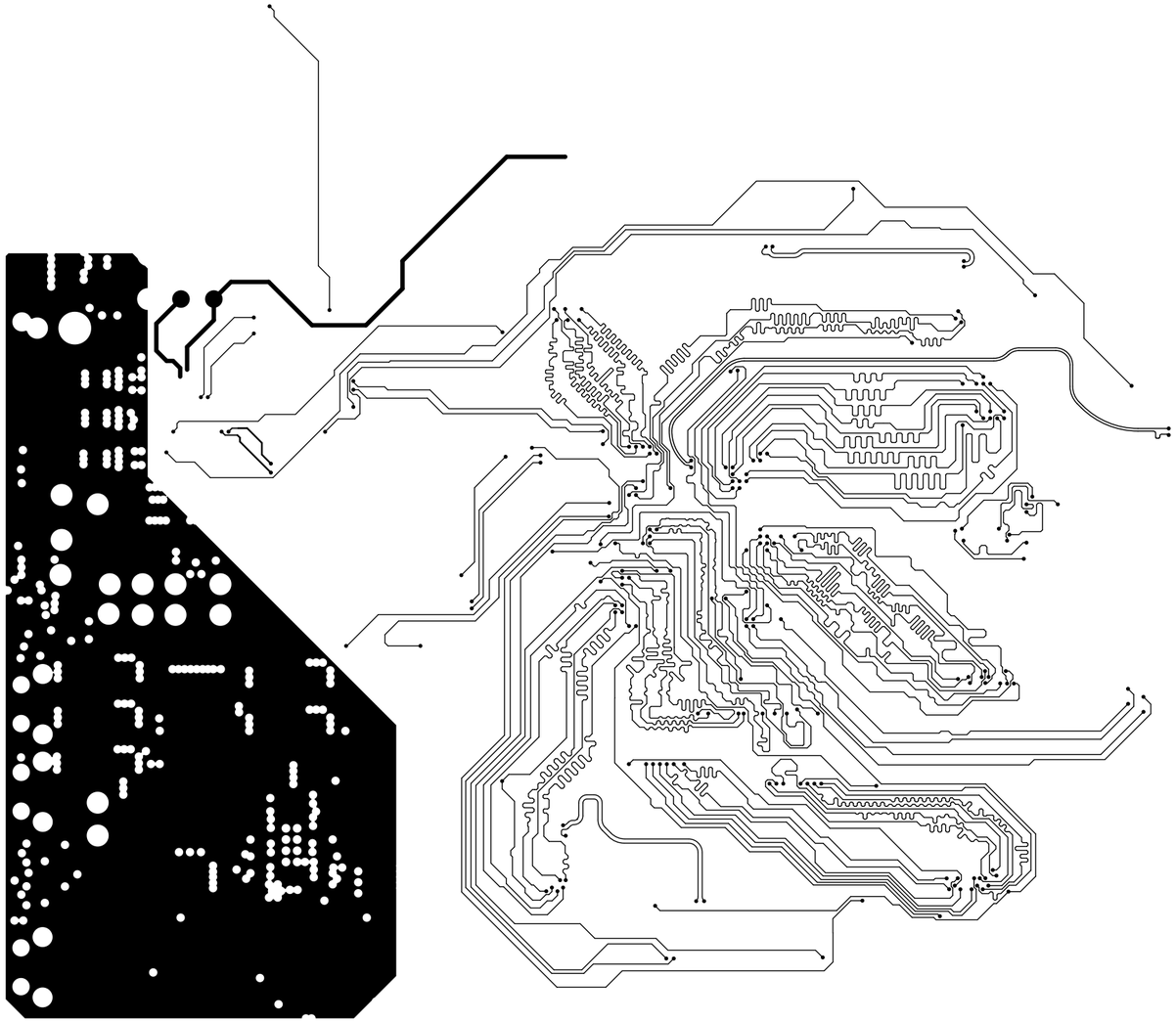


16

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROCO55 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L16 Signal | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |

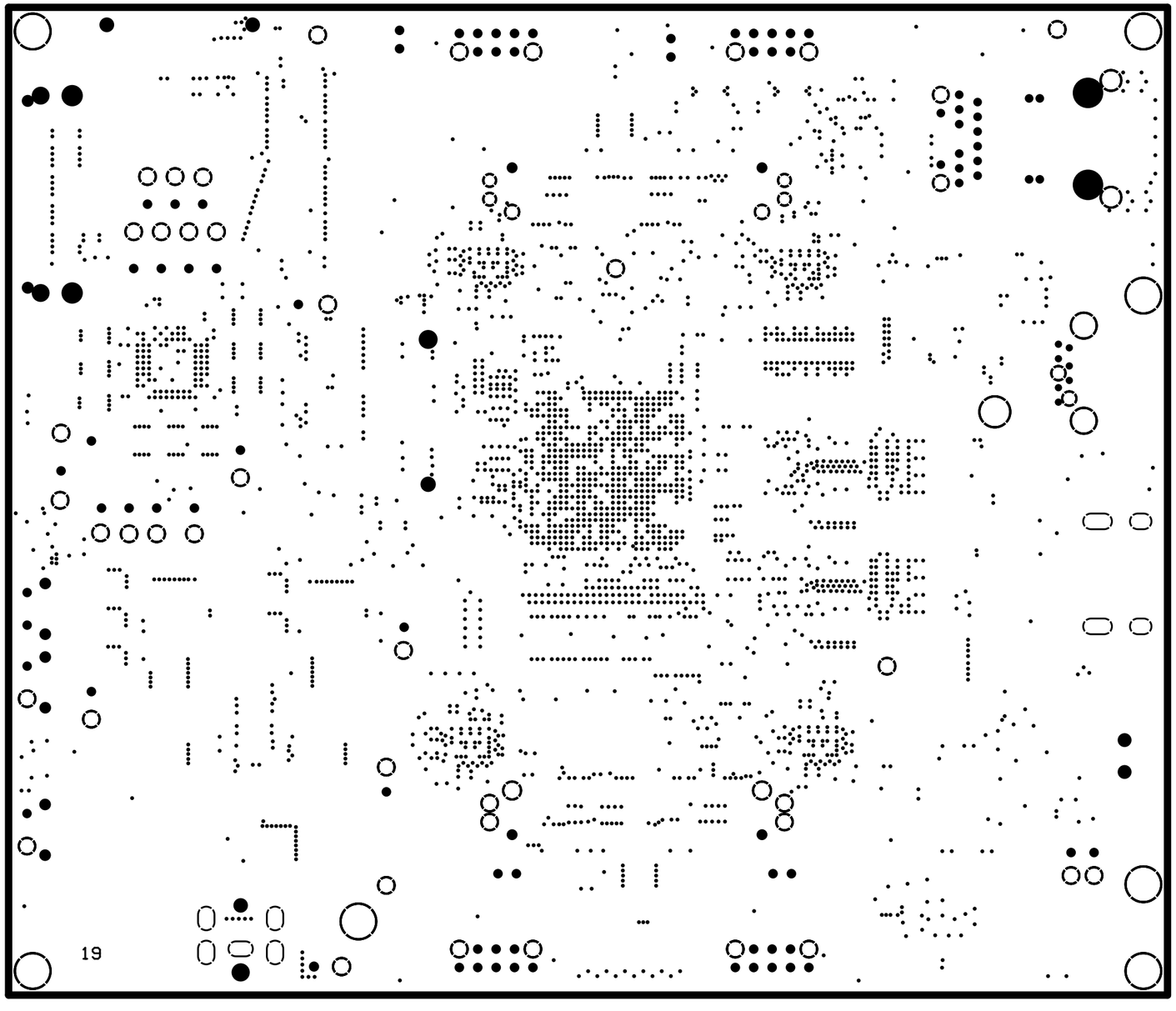



| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L17 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |

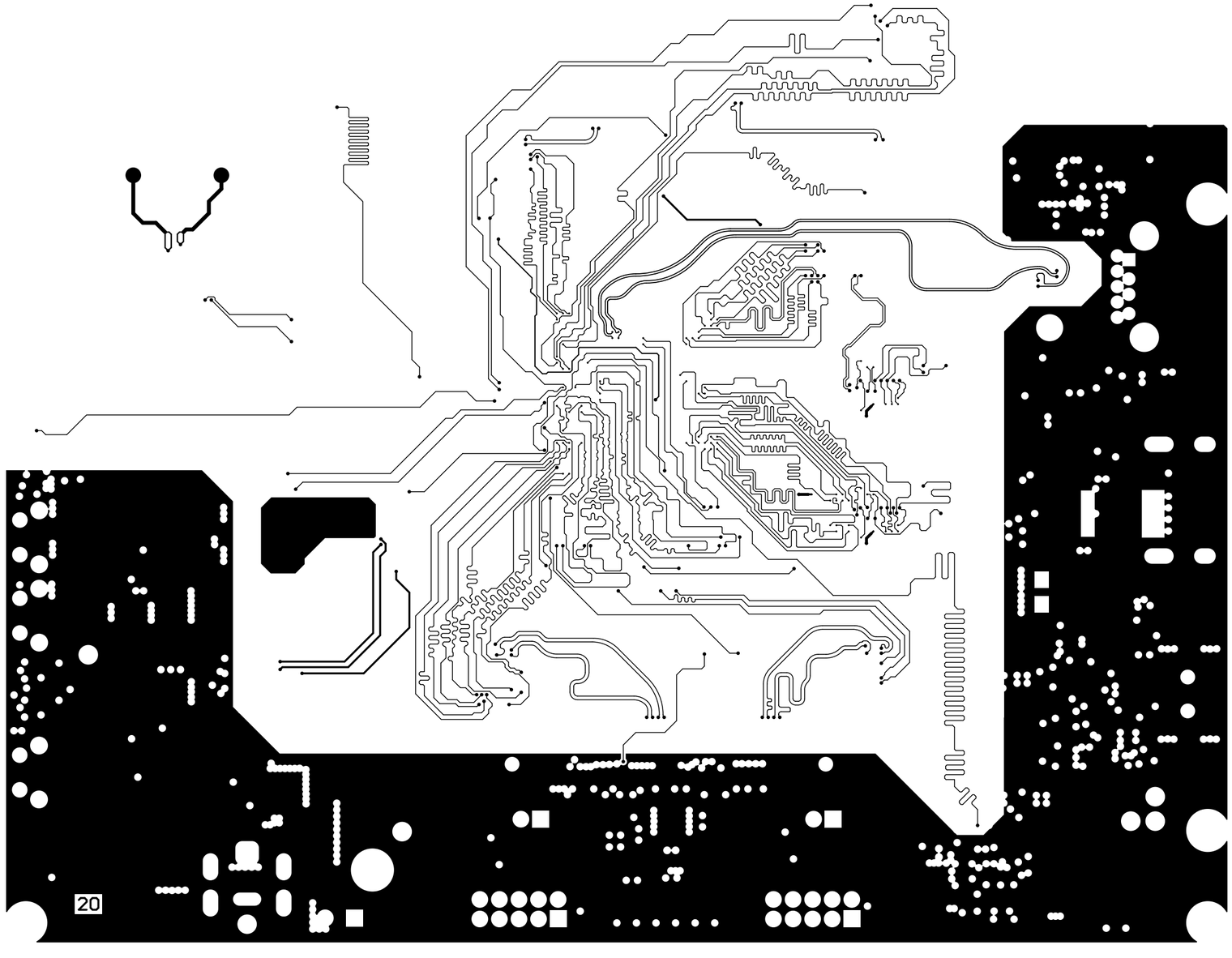




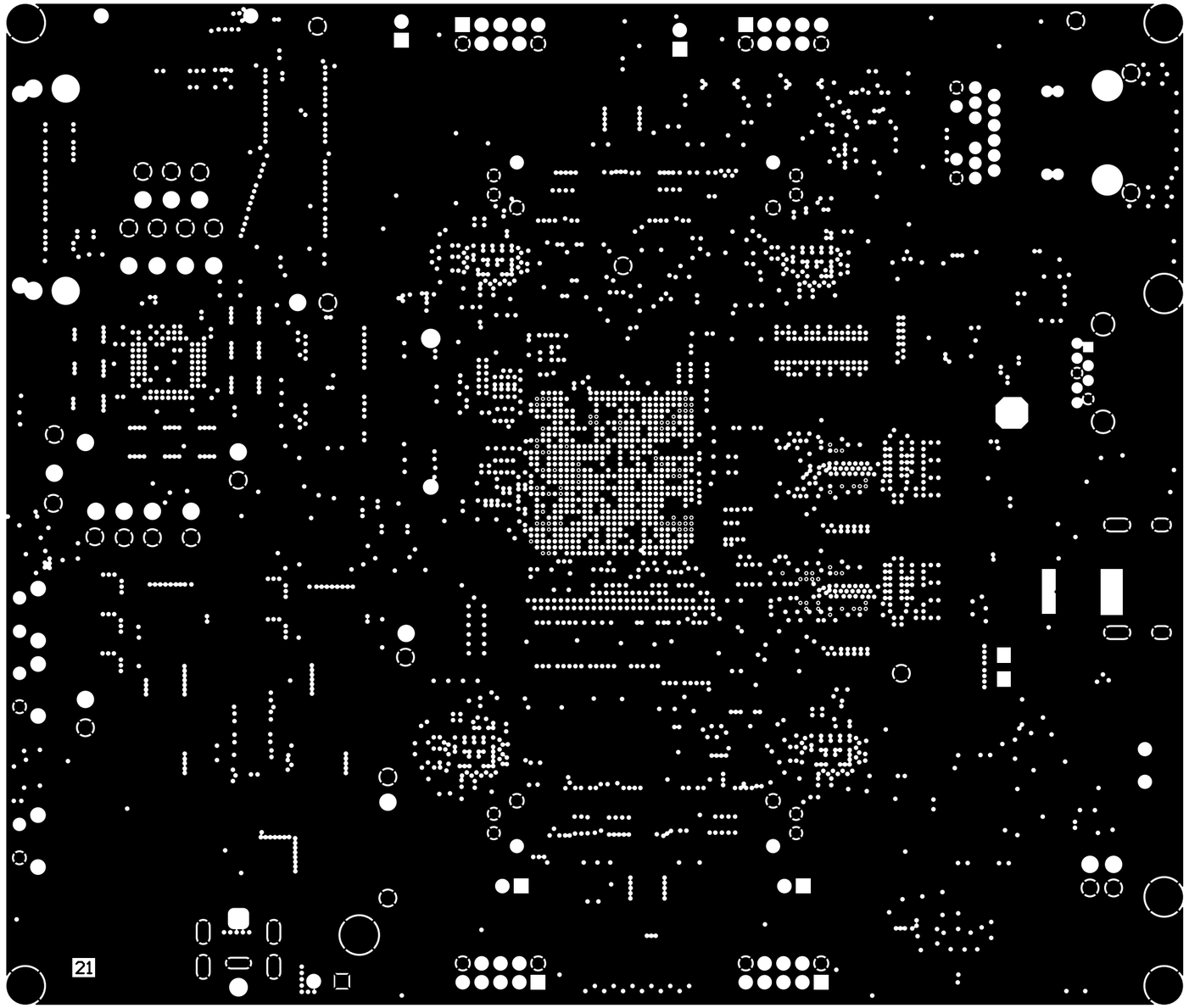
| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROCO55 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L18 Signal | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |



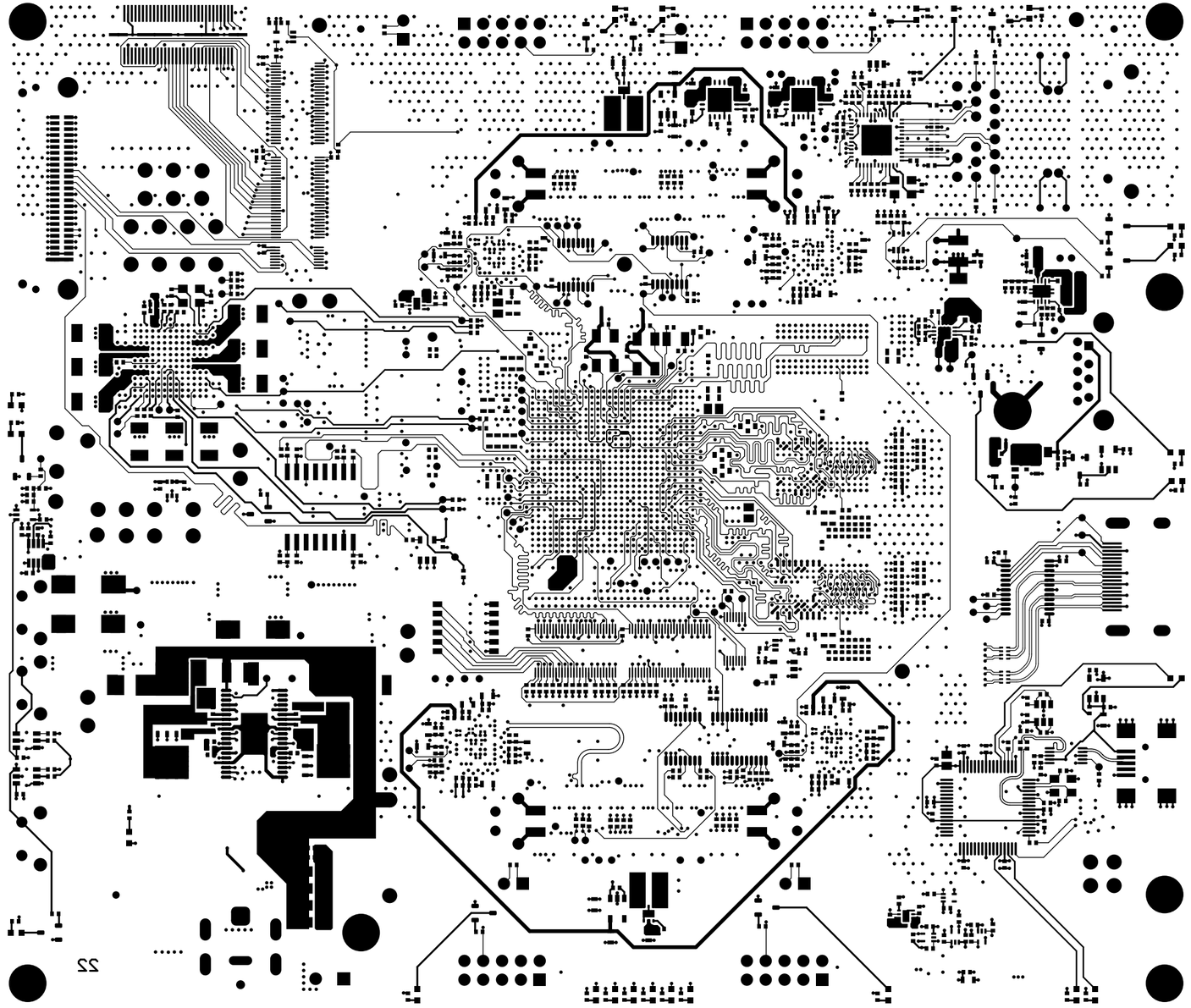

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L19 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:54 | | TEXAS INSTRUMENTS |



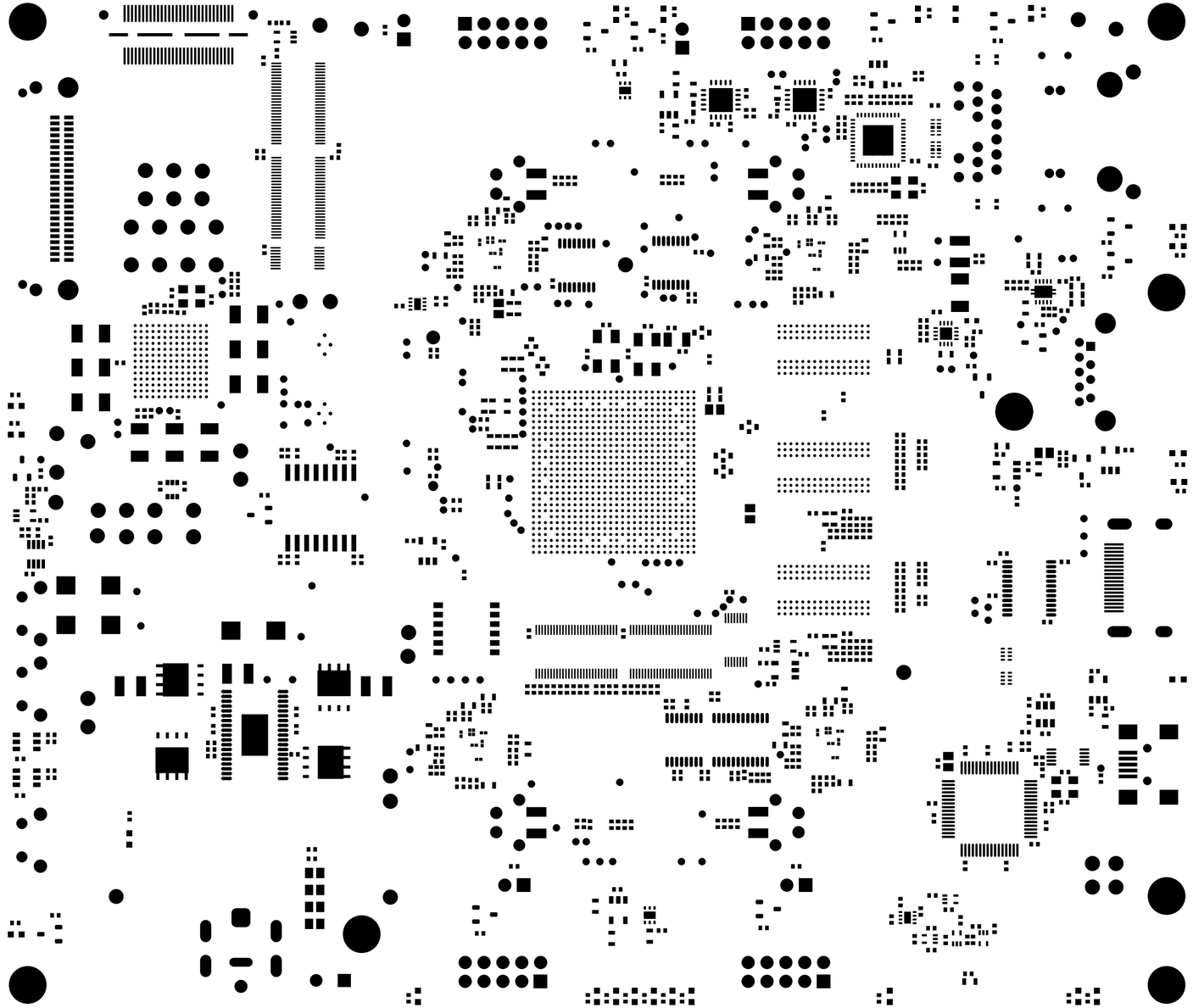

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L20 Signal | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:56 | | TEXAS INSTRUMENTS |




| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L21 GND | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:56 | | TEXAS INSTRUMENTS |

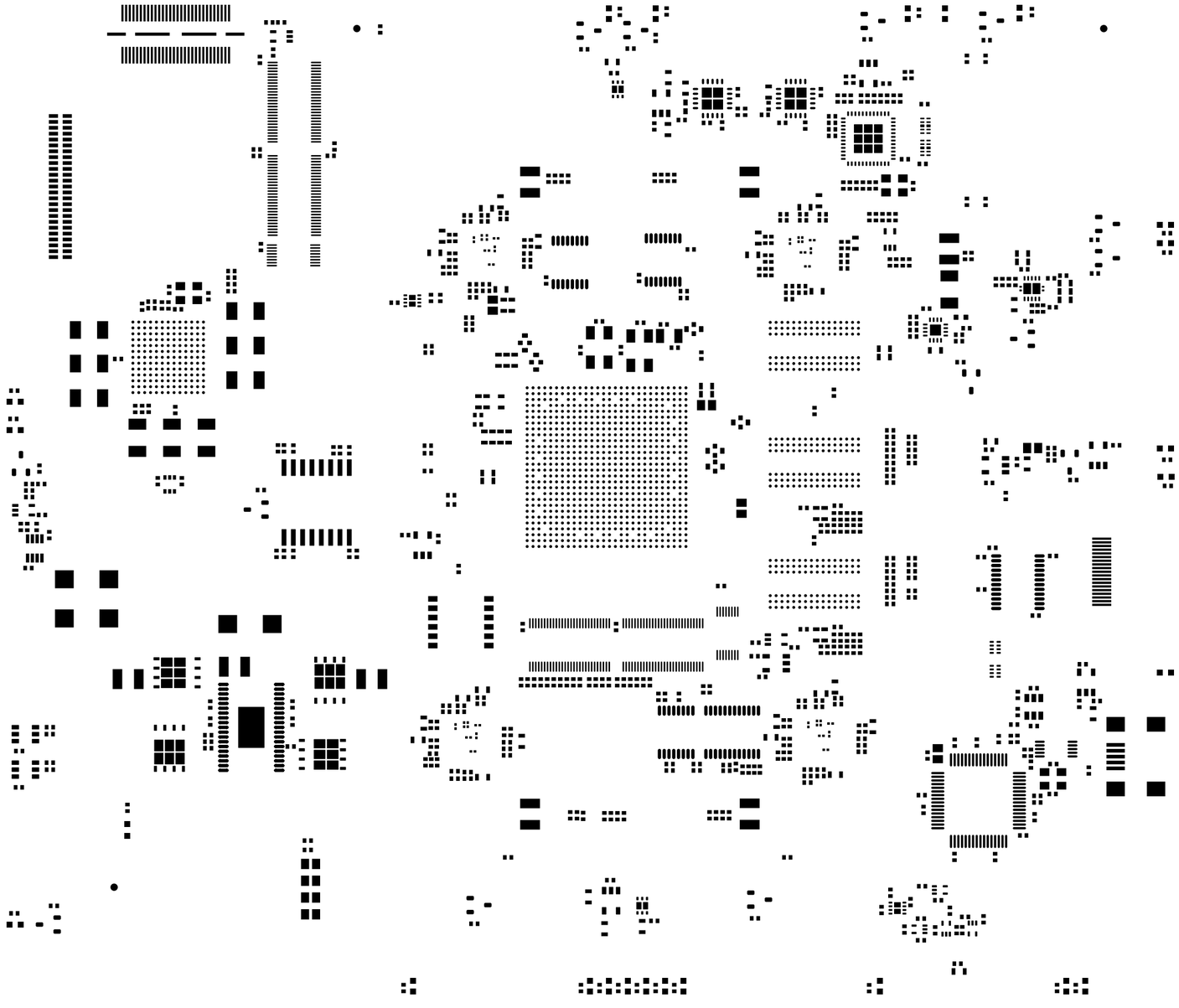



| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = L22 Bottom | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:56 | | TEXAS INSTRUMENTS |



| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = Bottom Solder | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:56 | | TEXAS INSTRUMENTS |

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = Bottom Overlay | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:57 | | TEXAS INSTRUMENTS |

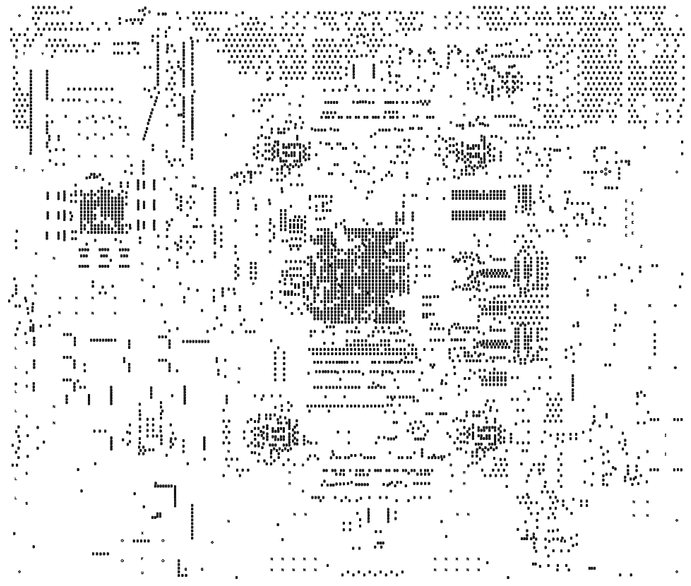


| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = Bottom Paste | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:56 | | TEXAS INSTRUMENTS |

DRILL CHART :

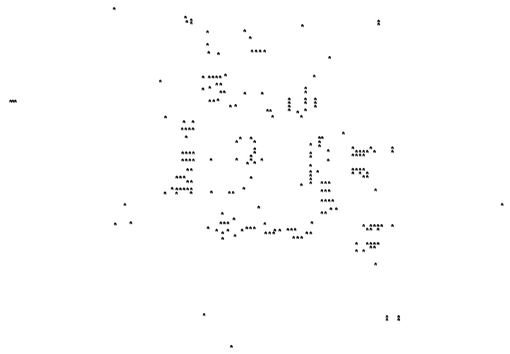
| Symbol | Count | Hole Size | Plated | Hole Type | Hole Length | Drill Layer Pair | Routed Path Length | Hole Tolerance |
|---|---|---|---|---|---|---|---|---|
| ◌ | 4 | 7.87mil (0.200mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | |
| B | 1758 | 9.10mil (0.231mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +0.00mil/-9.10mil |
| D | 2 | 25.00mil (0.635mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| E | 3 | 27.56mil (0.700mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| F | 1 | 31.50mil (0.800mm) | PTH | Slot | 82.68mil (2.100mm) | L1 Top Layer - L22 Bottom | 51.18mil (1.300mm) | +3.94mil/-0.00mil |
| G | 20 | 35.00mil (0.889mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| I | 2 | 35.43mil (0.900mm) | NPTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-2.00mil |
| ✡ | 2 | 35.43mil (0.900mm) | PTH | Slot | 66.93mil (1.700mm) | L1 Top Layer - L22 Bottom | 31.50mil (0.800mm) | +/-3.00mil |
| ⌘ | 2 | 35.43mil (0.900mm) | PTH | Slot | 106.30mil (2.700mm) | L1 Top Layer - L22 Bottom | 70.87mil (1.800mm) | +/-3.00mil |
| M | 8 | 39.37mil (1.000mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +3.94mil/-0.00mil |
| L | 6 | 39.37mil (1.000mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| O | 4 | 39.37mil (1.000mm) | PTH | Slot | 78.74mil (2.000mm) | L1 Top Layer - L22 Bottom | 39.37mil (1.000mm) | +/-3.00mil |
| N | 93 | 40.00mil (1.016mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| 0 | 2 | 40.16mil (1.020mm) | NPTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-2.00mil |
| P | 1 | 43.31mil (1.100mm) | NPTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-1.97mil |
| Q | 2 | 43.31mil (1.100mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| R | 8 | 47.24mil (1.200mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +3.94mil/-0.00mil |
| S | 6 | 51.18mil (1.300mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| T | 2 | 57.09mil (1.450mm) | NPTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-2.00mil |
| U | 1 | 59.06mil (1.500mm) | NPTH | Round | - | L1 Top Layer - L22 Bottom | - | +3.94mil/-0.00mil |
| V | 2 | 62.50mil (1.587mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| W | 1 | 62.99mil (1.600mm) | NPTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-1.97mil |
| X | 1 | 66.93mil (1.700mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-1.97mil |
| Y | 2 | 76.00mil (1.930mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| Z | 2 | 90.55mil (2.300mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-2.00mil |
| □ | 1 | 118.11mil (3.000mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| ▽ | 2 | 126.00mil (3.200mm) | NPTH | Round | - | L1 Top Layer - L22 Bottom | - | +2.00mil/-1.00mil |
| ◇ | 7 | 144.00mil (3.658mm) | PTH | Round | - | L1 Top Layer - L22 Bottom | - | +/-3.00mil |
| | 4951 Total | | | | | | | |

**Slot definitions :** **Routed Path Length** = Calculated from tool start centre position to tool end centre position.
**Hole Length** = Routed Path Length + Tool Size = Slot length as defined in the PCB layout



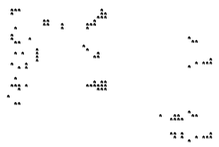
| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SUN REV: Not In VersionControl |
| LAYER NAME = FAB | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:30:03 | | TEXAS INSTRUMENTS |

| Symbol | Count | Hole Size | Plated | Hole Type | Drill Layer Pair | Hole Tolerance |
|---|---|---|---|---|---|---|
| A | 224 | 4.00mil (0.102mm) | PTH | Round | L1 Top Layer - L2 GND | +0.00mil/-4.00mil |
| | 224 Total | | | | | |



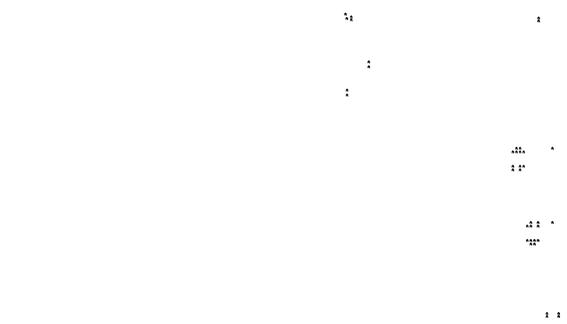
| | | | | |
|---|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SUN REV: Not In VersionControl | |
| LAYER NAME = FAB | TID #: N/A | | | |
| | GENERATED : 29-04-2021 18:30:05 | | | TEXAS INSTRUMENTS |

| Symbol | Count | Hole Size | Plated | Hole Type | Drill Layer Pair | Hole Tolerance |
|---|---|---|---|---|---|---|
| A | 93 | 4.00mil (0.102mm) | PTH | Round | L20 Signal - L21 GND | +0.00mil/-4.00mil |
| | 93 Total | | | | | |



| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SUN REV: Not In VersionControl |
| LAYER NAME = FAB | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:30:07 | | TEXAS INSTRUMENTS |

| Symbol | Count | Hole Size | Plated | Hole Type | Drill Layer Pair | Hole Tolerance |
|---|---|---|---|---|---|---|
| A | 38 | 4.00mil (0.102mm) | PTH | Round | L2 GND - L3 Signal | +0.00mil/-4.00mil |
| | 38 Total | | | | | |

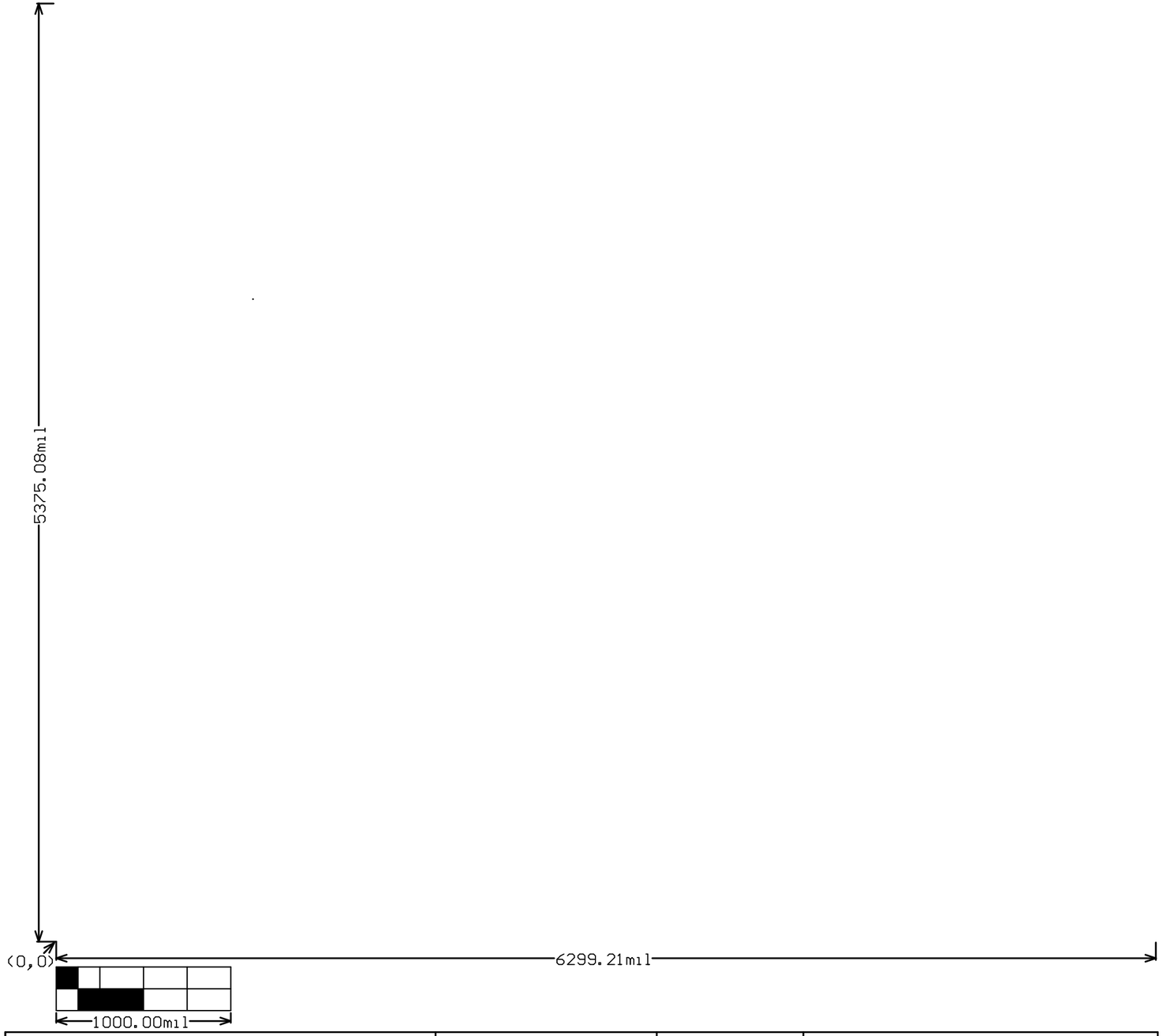


| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SUN REV: Not In VersionControl |
| LAYER NAME = FAB | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:30:08 | | TEXAS INSTRUMENTS |

| Symbol | Count | Hole Size | Plated | Hole Type | Drill Layer Pair | Hole Tolerance |
|---|---|---|---|---|---|---|
| A | 214 | 4.00mil (0.102mm) | PTH | Round | L21 GND - L22 Bottom | +0.00mil/-4.00mil |
| | 214 Total | | | | | |

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SUN REV: Not In VersionControl |
| LAYER NAME = FAB | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:30:09 | | TEXAS INSTRUMENTS |

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROCO55 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = M1 Board Outline | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:56 | | TEXAS INSTRUMENTS |




| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = M2 Board Dimensions | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:56 | | TEXAS INSTRUMENTS |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| A | | | | | | A |
| B | | | | | | B |
| C | | | | | | C |
| D | | | | | | D |

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SUN REV: Not In VersionControl |
| LAYER NAME = | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:57 | | TEXAS INSTRUMENTS |



TEXAS INSTRUMENTS

PROJECT TITLE: Cascade Radar Host Processor Board

DESIGNED FOR: Public Release

FILE NAME: PROC055B_Cascade_Radar_Host.PcbDoc

| ENGINEER: | LAYOUT BY: |
|---|---|
| Alec Schott | Tessolve |
| SCALE: 1.00 | ALTIUM DESIGNER VERSION: 18.1.9.240 |

WO#307839-7837-D

FAB NOTES :

1. ALL VIAS ARE TENTED ON TOP AND BOTTOM UNLESS OPENED IN CAD EXPLICITLY.
2. ALL VIAS SHOULD BE FILLED WITH NON CONDUCTIVE EPOXY AND SURFACE FINISHED FLAT
   VIA IN PAD SURFACE FLATNESS TOLERANCE: +0.000/-0.001 INCHES ON TOP AND BOTTOM LAYER.
3. MANUFACTURER'S IDENTIFICATION AND DATECODE LETTER SHALL BE SILKSCREENED ON TOP LAYER OF BOARD.
4. PLEASE REFER TO THE IMPEDANCE TABLE PROVIDED BELOW FOR THE IMPEDANCE REQUIRMENTS.
5. THIEVING CAN BE PERFORMED AT THE DISCRETION OF THE MANUFACTURER.
6. IF NEEDED, ADD TEAR-DROP TO DRILL HOLES TO GET BETTER ANULAR RING AND REGISTRATION. AT DISCRETION OF MANUFACTURER.
7. No-net vias are intentional at J12.

IMPEDANCE TABLE:

| LAYER | TRACK WIDTH(MIL) | SPACING(MIL) | IMPEDANCE(OHM) | TOLERANCE(OHM) |
|---|---|---|---|---|
| L1 | 4.5 | | 50 | 5 |
| L1 | 4.6 | 7.4 | 90 | 9 |
| L1 | 3.7 | 8.3 | 100 | 10 |
| L3 | 4.3 | | 50 | 5 |
| L3 | 4 | 8 | 100 | 10 |
| L5 | 4.5 | | 50 | 5 |
| L5 | 4 | 8 | 100 | 10 |
| L7 | 5.75 | | 50 | 5 |
| L8 | 5.75 | | 50 | 5 |
| L16 | 4.5 | | 50 | 5 |
| L16 | 4.1 | 7.9 | 100 | 10 |
| L18 | 4.5 | | 50 | 5 |
| L18 | 4.75 | 7.25 | 90 | 9 |
| L20 | 4.3 | | 50 | 5 |
| L20 | 5 | 7 | 90 | 9 |
| L20 | 4 | 8 | 100 | 10 |
| L22 | 4.5 | | 50 | 5 |
| L22 | 4.6 | 7.4 | 90 | 9 |
| L22 | 3.7 | 8.3 | 100 | 10 |

| DESIGN INFORMATION | |
|---|---|
| MIN. TRACK WIDTH: | 3.7 MIL |
| MIN. CLEARANCE: | 3 MIL |
| MIN. VIA PAD SIZE: | 10 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 [ ] FR-4 High Tg [X] OTHER 370H
- THICKNESS: [ ] 62 MIL (1.6mm) +/-10% [X] OTHER 132 MIL +/-10 MIL
- 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: [X] IMMERSION GOLD (ENIG) [ ] ENEPIG [ ] IMM. TIN/SILVER OR EQUIV [ ] OTHER _____

ARRAY/PANEL: [ ] CUT AND TRIM PER M1 BOARD OUTLINE; [ ] 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] 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: [X] YES
- BARE BOARD ELEC. TEST: [ ] NONE [X] REQUIRED [ ] PER ORDER
- [ ] XX MIL VIAS REQUIRE NON-CONDUCTIVE FILL AND PLANARIZE
- [ ] XX MIL VIAS REQUIRE CONDUCTIVE FILL AND PLANARIZE
- [ ] OUTER XX MIL VIAS REQUIRE 50 OHM SINGLE-ENDED IMPEDANCE
- [ ] LAYER 2 & 3 (INNER LAYERS) XX MIL WIDE, XX MIL SPACE TRACES REQUIRE 100 OHM DIFFERENTIAL IMPEDANCE

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = M10 Fab Notes | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:57 | | TEXAS INSTRUMENTS |

LAYER STACKUP :

| Layer | Name | Material | Thickness | Constant | Board Layer Stack |
|---|---|---|---|---|---|
| 1 | Top Overlay | | | | |
| 2 | Top Solder | Solder Resist | 0.50mil | 4.7 | |
| 3 | L1 Top Layer | Copper | 2.00mil | | |
| 4 | Dielectric 1 | 370H | 2.90mil | 3.77 | |
| 5 | L2 GND | Copper | 2.00mil | | |
| 6 | Dielectric 2 | 370H | 4.00mil | 3.69 | |
| 7 | L3 Signal | Copper | 0.60mil | | |
| 8 | Dielectric 3 | 370H | 6.00mil | 4.43 | |
| 9 | L4 GND | Copper | 1.20mil | | |
| 10 | Dielectric 4 | 370H | 7.20mil | 3.85 | |
| 11 | L5 Signal | Copper | 0.60mil | | |
| 12 | Dielectric 5 | 370H | 4.00mil | 4.57 | |
| 13 | L6 GND | Copper | 0.60mil | | |
| 14 | Dielectric 6 | 370H | 4.30mil | 3.83 | |
| 15 | L7 Signal | Copper | 0.60mil | | |
| 16 | Dielectric 7 | 370H | 6.00mil | 4.43 | |
| 17 | L8 Signal | Copper | 0.60mil | | |
| 18 | Dielectric 8 | 370H | 4.20mil | 3.83 | |
| 19 | L9 GND | Copper | 1.20mil | | |
| 20 | Dielectric 9 | 370H | 6.00mil | 4.43 | |
| 21 | L10 PWR | Copper | 1.20mil | | |
| 22 | Dielectric 10 | 370H | 5.30mil | 3.87 | |
| 23 | L11 GND | Copper | 1.20mil | | |
| 24 | Dielectric 11 | 370H | 6.00mil | 4.43 | |
| 25 | L12 PWR | Copper | 1.20mil | | |
| 26 | Dielectric 12 | 370H | 5.30mil | 3.87 | |
| 27 | L13 GND | Copper | 1.20mil | | |
| 28 | Dielectric 13 | 370H | 6.00mil | 4.43 | |
| 29 | L14 PWR | Copper | 1.20mil | | |
| 30 | Dielectric 14 | 370H | 4.50mil | 3.83 | |
| 31 | L15 GND | Copper | 0.60mil | | |
| 32 | Dielectric 15 | 370H | 6.00mil | 4.43 | |
| 33 | L16 Signal | Copper | 0.60mil | | |
| 34 | Dielectric 16 | 370H | 4.40mil | 3.83 | |
| 35 | L17 GND | Copper | 0.60mil | | |
| 36 | Dielectric 17 | 370H | 4.00mil | 4.57 | |
| 37 | L18 Signal | Copper | 0.60mil | | |
| 38 | Dielectric 18 | 370H | 7.20mil | 3.85 | |
| 39 | L19 GND | Copper | 1.20mil | | |
| 40 | Dielectric 19 | 370H | 6.00mil | 4.43 | |
| 41 | L20 Signal | Copper | 0.60mil | | |
| 42 | Dielectric 20 | 370H | 4.10mil | 3.69 | |
| 43 | L21 GND | Copper | 2.00mil | | |
| 44 | Dielectric 21 | 370H | 2.90mil | 3.77 | |
| 45 | L22 Bottom | Copper | 2.00mil | | |
| 46 | Bottom Solder | Solder Resist | 0.50mil | 4.7 | |
| 47 | Bottom Overlay | | | | |

L01-L22
L01-L02
L02-L03
L20-L21
L21-L22

| | | | |
|---|---|---|---|
| ALL ARTWORK VIEWED FROM TOP SIDE | BOARD #: PROC055 | REV: B | SVN REV: Not In VersionControl |
| LAYER NAME = M12 Stackup | TID #: N/A | | |
| | GENERATED : 29-04-2021 18:29:57 | | TEXAS INSTRUMENTS |

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