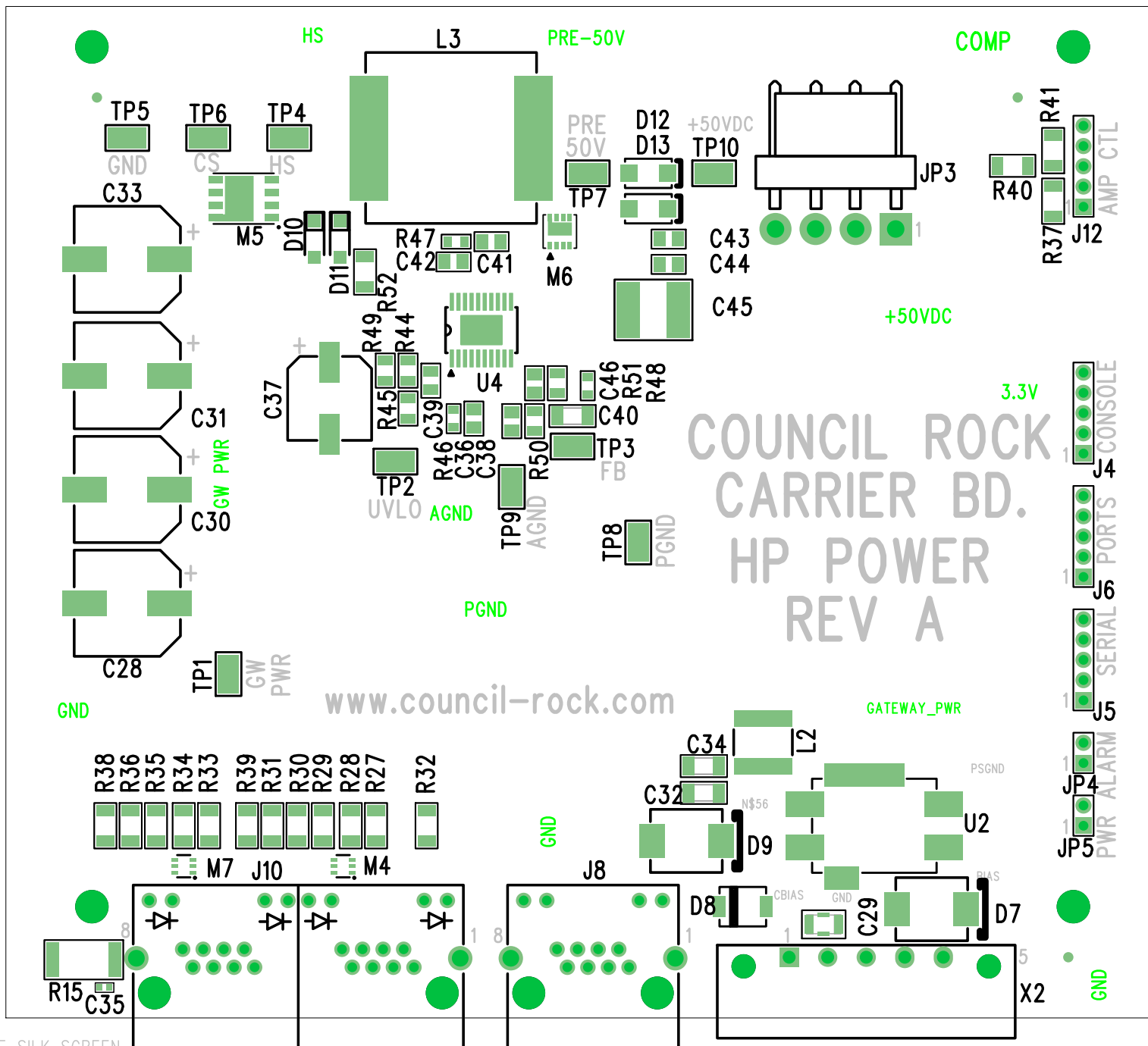
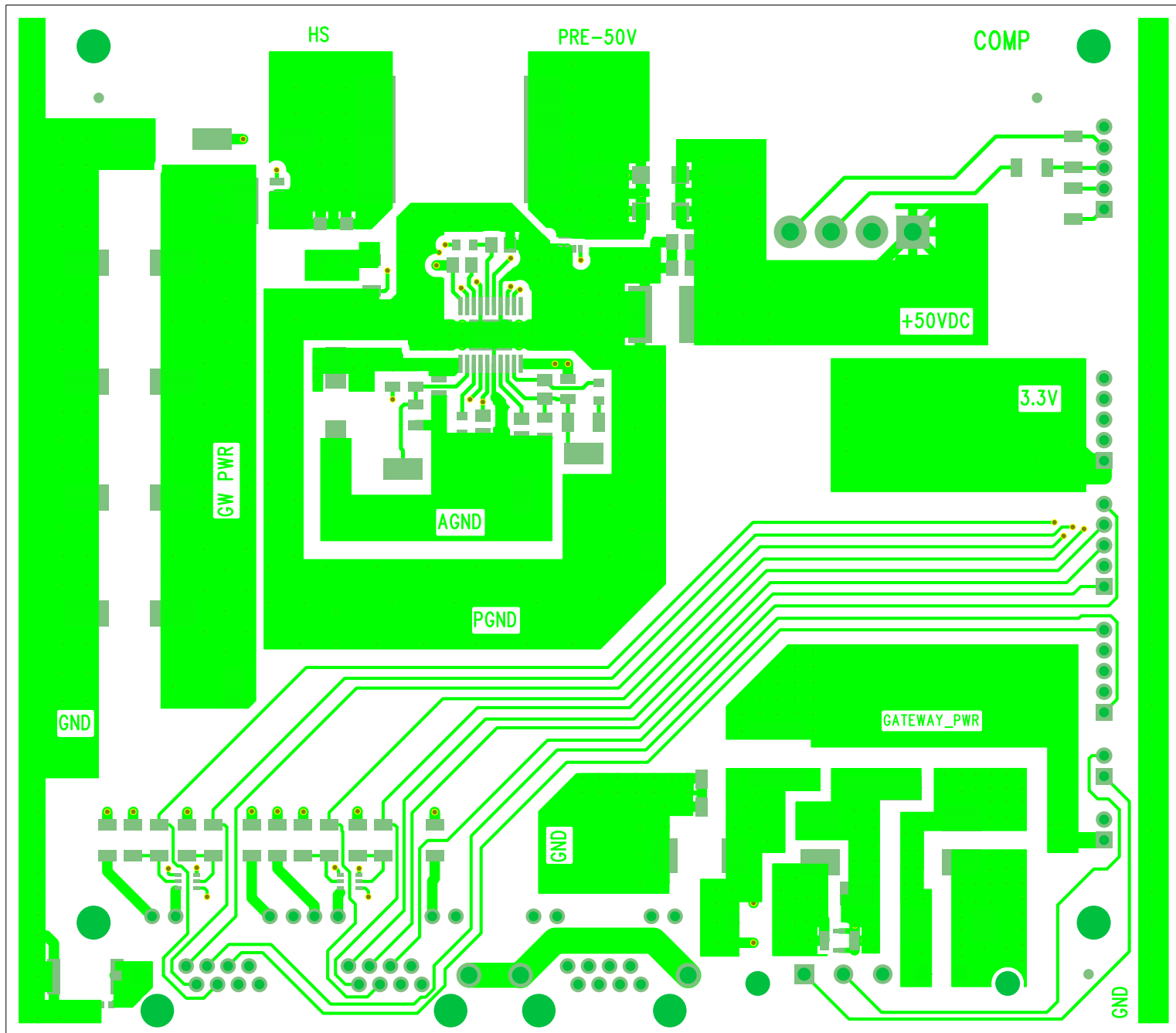
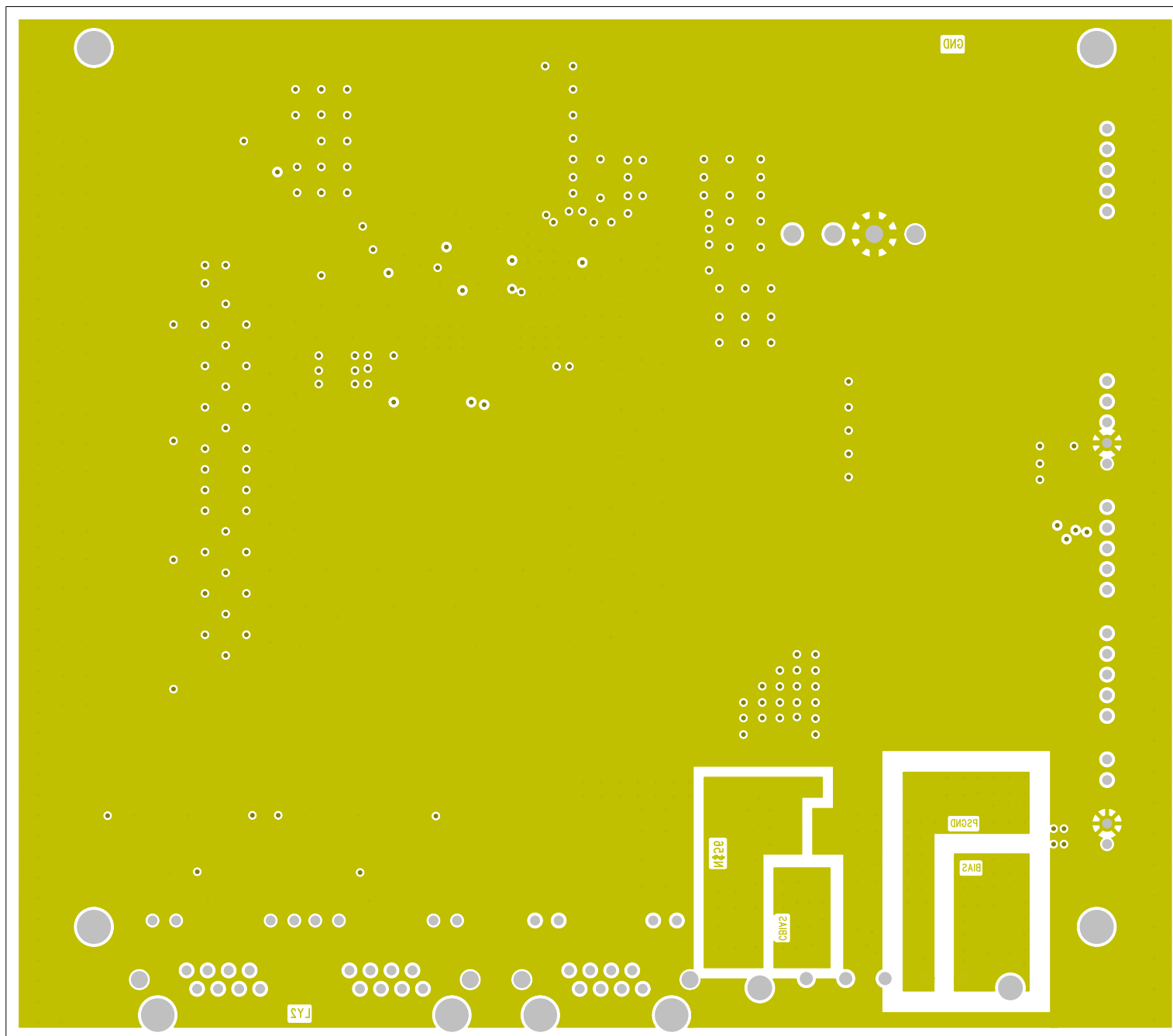




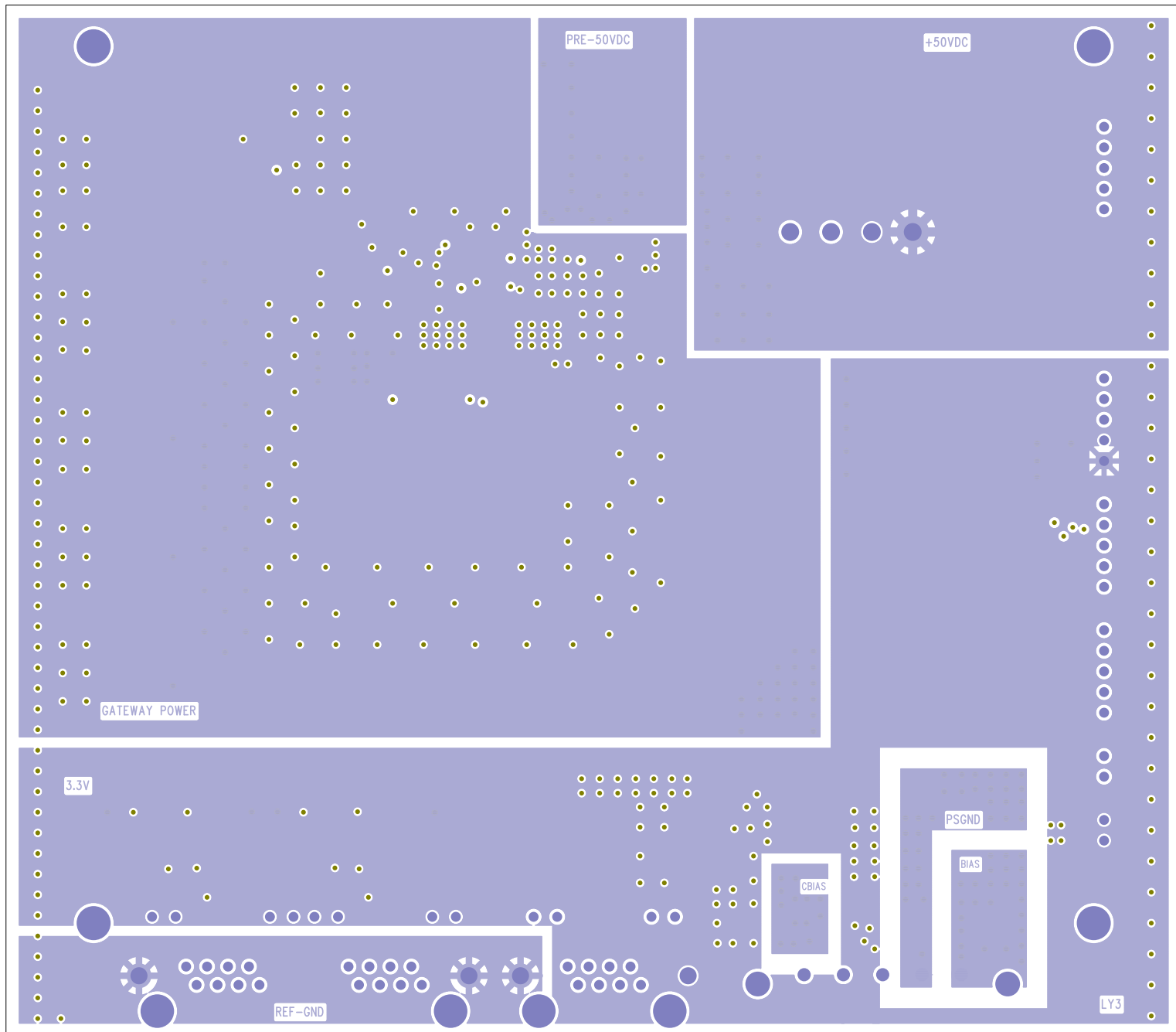
COMP SIDE SILK SCREEN  
ASSEMBLY DRAWING

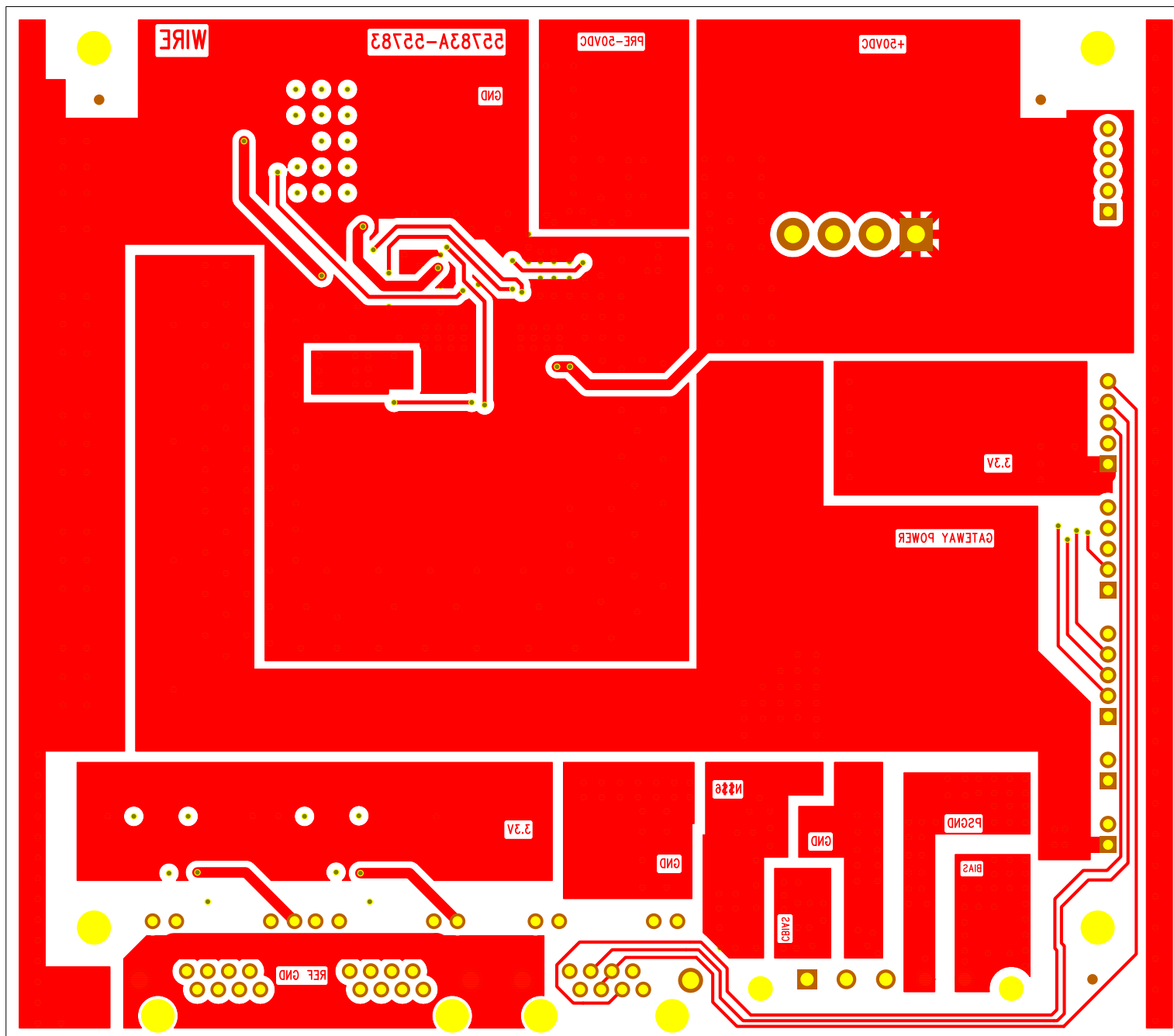
designed for Council Rock by Elmgrove Technologies Div of PHOTONAMICS, Inc - Inv.(55783A-55783)





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| REVISION RECORD |              |              |            |
|-----------------|--------------|--------------|------------|
| LTR             | ECO NO:      | APPROVED:    | DATE:      |
| A               | 55783A-55783 | COUNCIL ROCK | 09/10/2020 |

## FABRICATION NOTES

1. FINISH SHALL BE HOT AIR LEVEL ON ALL EXPOSED PADS OR IMMERSION TIN (WHITE TIN/OMKRON TIN) AT FABRICATOR'S DISCRETION.
2. NA.
3. FINISHED BOARD THICKNESS 0.0625"  $\pm$  7-10%
4. WARPAGE OR TWIST OF BOARD SHALL NOT EXCEED 1"
5. ADD THERMING AS NEEDED. DO NOT ADD THERMING WITHIN 0.1 INCH OF FIDUCIAL PAD.
6. APPLY SILKSCREEN LEGEND USING WHITE NON-CONDUCTIVE EPOXY INK. CLIP SILKSCREEN FROM ALL EXPOSED COPPER. DO NOT CLIP SILKSCREEN FROM TIGHTENED VIAS.
7. REMOVE ALL BURRS AND BREAK ALL SHARP EDGES 0.015 INCHES MAX.
8. UNLESS OTHERWISE SPECIFIED DIMENSIONS FOR ALL PLATED THROUGH HOLES APPLY AFTER PLATING.  $\pm$  0.003 INCHES. ALL PLATED THROUGH HOLES TO HAVE A MINIMUM OF 0.001 INCH COPPER.
9. FABRICATION SHALL BE IN ACCORDANCE WITH IPC-6010 SERIES OF SPECIFICATIONS LATEST REV.
10. ALL PCBs MUST BE INSPECTED TO IPC-A-600 CLASS 2 LATEST REV.
11. BOARD SHALL BE 100% ELECTRICALLY TESTED TO NETLIST.
12. UL94V-0 MINIMUM IS REQUIRED AND SHALL BE ETCHED OR STAMPED ON THE FINISHED BOARD.
13. MANUFACTURER SHALL ETCH OR STAMP LOGO AND DATE CODE ON THE FINISHED BOARD.

## DRILL/FAB DRAWING

| BOARD FABRICATION SPEC  |  |                  |  |
|-------------------------|--|------------------|--|
| MATERIAL:               |  | SPECIAL PROCESS: |  |
| FR4 40-1g               |  | THICKENED SPACE  |  |
| OTHER                   |  | 0.3 MM           |  |
| SE PADS TOP SE PADS BOT |  | HOLE SIZE        |  |
| 176                     |  | 0.65 MM          |  |
| COUPERS:                |  | NO. LAYERS       |  |
| LAMP                    |  | 4                |  |
| LAMP                    |  |                  |  |
| OTHER                   |  |                  |  |
| COUPERS:                |  |                  |  |
| 1 NO.                   |  |                  |  |
| 2 NO.                   |  |                  |  |
| OTHER                   |  |                  |  |
| FINISH / PLATING:       |  | SIDE             |  |
| HOT TIN                 |  | OTHER            |  |
| IMMERSION TIN           |  | OTHER            |  |
| IMMERSION GOLD          |  | NON-SIDE         |  |
| IMMERSION SILVER        |  |                  |  |
| IF GOLD FINISH          |  |                  |  |
| OTHER                   |  |                  |  |
| SILKSCREEN:             |  |                  |  |
| NONE                    |  |                  |  |
| TOP                     |  |                  |  |
| BOTTOM                  |  |                  |  |
| PHOTO MASKABLE          |  |                  |  |
| OTHER                   |  |                  |  |
| COLOR: GREEN            |  |                  |  |
| COLOR: OTHER            |  |                  |  |
| SILKSCREEN:             |  |                  |  |
| NONE                    |  |                  |  |
| TOP                     |  |                  |  |
| BOTTOM                  |  |                  |  |
| COLOR: WHITE            |  |                  |  |
| COLOR: OTHER            |  |                  |  |

