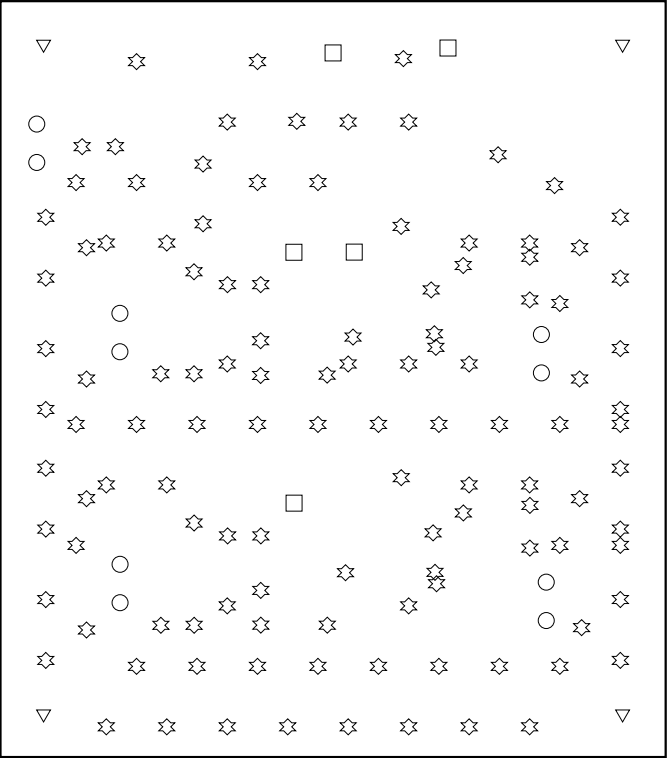


Drill Drawing View



Note:

- 1 Text element with square border.
- 2. Text element with no border
- 3 Text element with circle border
- 4. Text element with no border
- 5. Text element with no border
- 6. Text element with no border
- 7. Text element with no border

Drill Table

| Symbol | Count | Hole Size | Plated | Hole Tolerance |
|--------|-------|-----------|------------|----------------|
| □ | 5 | 0.70 | Plated | |
| ○ | 10 | 1.00 | Plated | |
| ▽ | 4 | 3.00 | Non-Plated | |
| ☆ | 117 | 0.30 | Plated | |

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| | | | | | | | | |
|-------------|---------|--------------------------------------|-----------|------|-----------|---------------|---------|--------------|
| | | UNLESS OTHERWISE SPECIFIED: | | NAME | DATE | | | |
| | | DIMENSIONS ARE IN INCHES | DRAWN | | 6/23/2022 | TITLE | | |
| | | TOLERANCES: | CHECKED | | | | | |
| | | FRACTIONAL± | ENG APPR. | | | | | |
| | | ANGULAR: MACH± BEND ± | MFG APPR. | | | | | |
| | | TWO PLACE DECIMAL ± | Q.A. | | | | | |
| | | THREE PLACE DECIMAL ± | COMMENTS: | | | SIZE DWG. NO. | | |
| | | INTERPRET GEOMETRIC TOLERANCING PER: | | | | | | |
| | | MATERIAL | | | | | | |
| NEXT ASSY | USED ON | FINISH | | | | | | |
| APPLICATION | | DO NOT SCALE DRAWING | | | | SCALE: 2:1 | WEIGHT: | SHEET 1 OF 4 |

1

1

Layer Stack Legend

| Material | Layer | Thickness | Dielectric Material | Type | Gerber |
|-------------------------|----------------|-----------|---------------------|----------------|--------|
| | Top Overlay | | | Legend | GTO |
| Surface Material | Top Solder | 0.01mm | Solder Resist | Solder Mask | GTS |
| Copper | Top Layer | 0.04mm | | Signal | GTL |
| Prepreg | | 0.12mm | PP-016 | Dielectric | |
| CF-004 | GND | 0.04mm | | Internal Plane | GP1 |
| Core | | 0.41mm | Core-034 | Dielectric | |
| CF-004 | PWR | 0.04mm | | Internal Plane | GP2 |
| Prepreg | | 0.12mm | PP-016 | Dielectric | |
| Copper | Bottom Layer | 0.04mm | | Signal | GBL |
| Surface Material | Bottom Solder | 0.01mm | Solder Resist | Solder Mask | GBS |
| | Bottom Overlay | | | Legend | GBO |
| Total thickness: 0.80mm | | | | | |

50ohm Impedance control in GM2 and GM3 layers

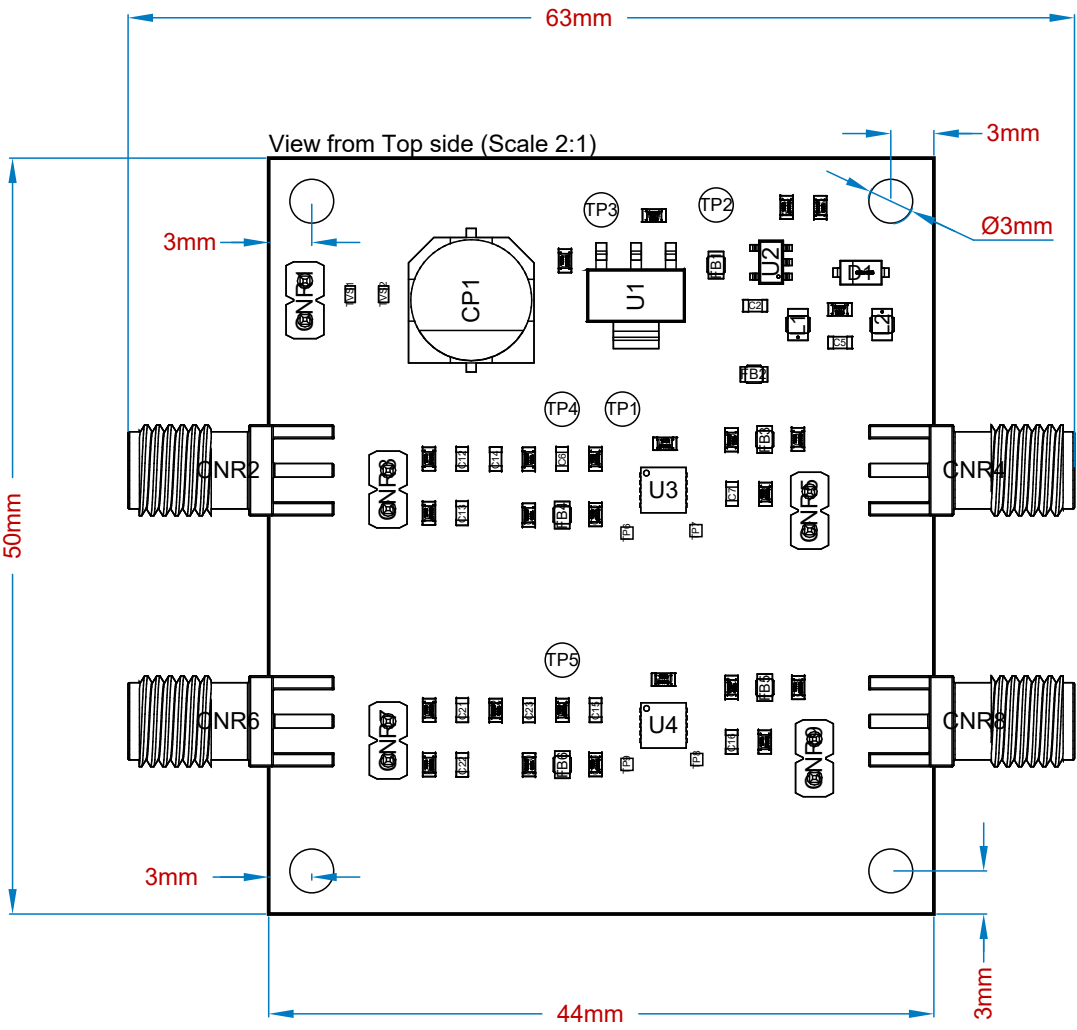
2

2

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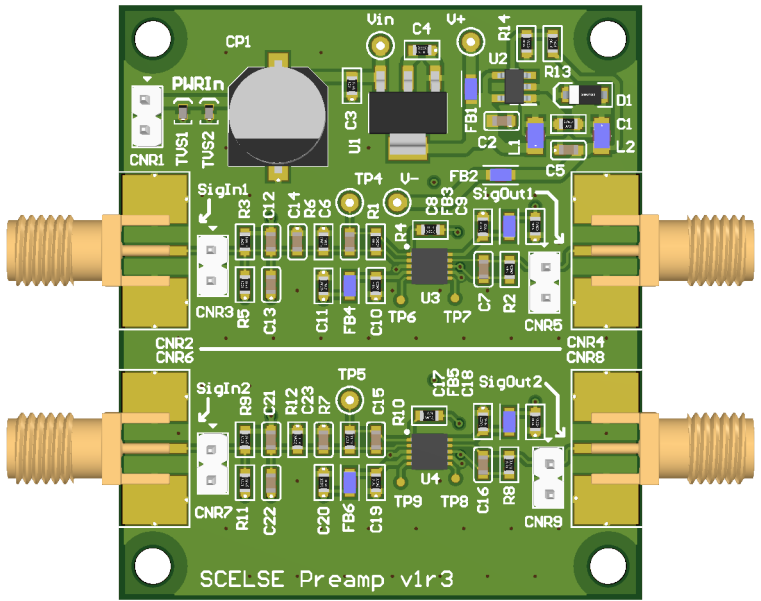
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|-------------|---------|--------------------------------------|-----------|------|-----------|------------|----------|--------------|--|
| | | UNLESS OTHERWISE SPECIFIED: | | NAME | DATE | TITLE | | | |
| | | DIMENSIONS ARE IN INCHES | DRAWN | | 6/23/2022 | | | | |
| | | TOLERANCES: | CHECKED | | | | | | |
| | | FRACTIONAL± | ENG APPR. | | | | | | |
| | | ANGULAR: MACH± BEND ± | MFG APPR. | | | | | | |
| | | TWO PLACE DECIMAL ± | | | | COMMENTS: | | | |
| | | THREE PLACE DECIMAL ± | | | | | | | |
| | | INTERPRET GEOMETRIC TOLERANCING PER: | Q.A. | | | | | | |
| | | MATERIAL | | | | SIZE | DWG. NO. | | |
| | | FINISH | | | | | | | |
| NEXT ASSY | USED ON | | | | | SCALE: 2:1 | WEIGHT: | SHEET 2 OF 4 | |
| APPLICATION | | DO NOT SCALE DRAWING | | | | | | | |

1

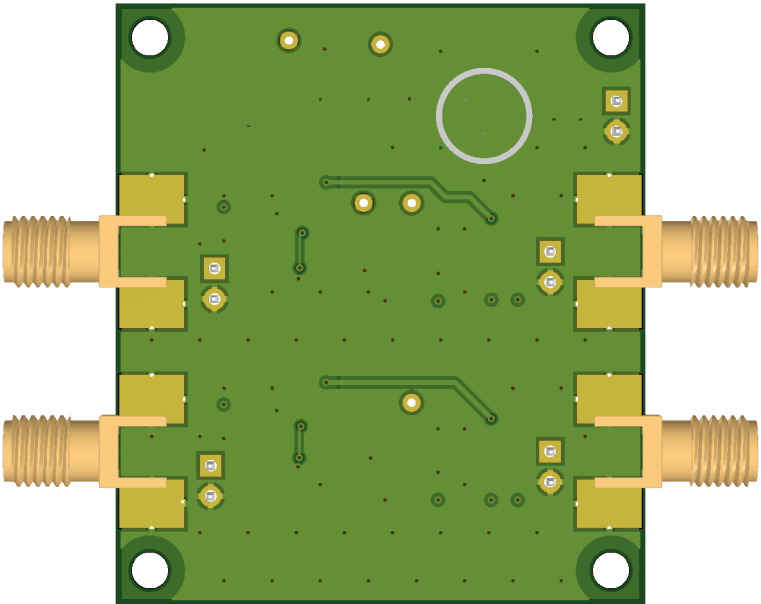


2

Realistic View



Realistic View



1

2

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|-------------|---------|--------------------------------------|-----------|------|-----------|------------|----------|--------------|--|
| | | UNLESS OTHERWISE SPECIFIED: | | NAME | DATE | | | | |
| | | DIMENSIONS ARE IN INCHES | DRAWN | | 6/23/2022 | | | | |
| | | TOLERANCES: | CHECKED | | | TITLE | | | |
| | | FRACTIONAL± | ENG APPR. | | | | | | |
| | | ANGULAR: MACH± BEND ± | MFG APPR. | | | | | | |
| | | TWO PLACE DECIMAL ± | | | | | | | |
| | | THREE PLACE DECIMAL ± | | | | | | | |
| | | INTERPRET GEOMETRIC TOLERANCING PER: | Q.A. | | | COMMENTS: | | | |
| | | MATERIAL | | | | | | | |
| | | FINISH | | | | | | | |
| NEXT ASSY | USED ON | | | | | SIZE | DWG. NO. | | |
| APPLICATION | | DO NOT SCALE DRAWING | | | | SCALE: 2:1 | WEIGHT: | SHEET 3 OF 4 | |

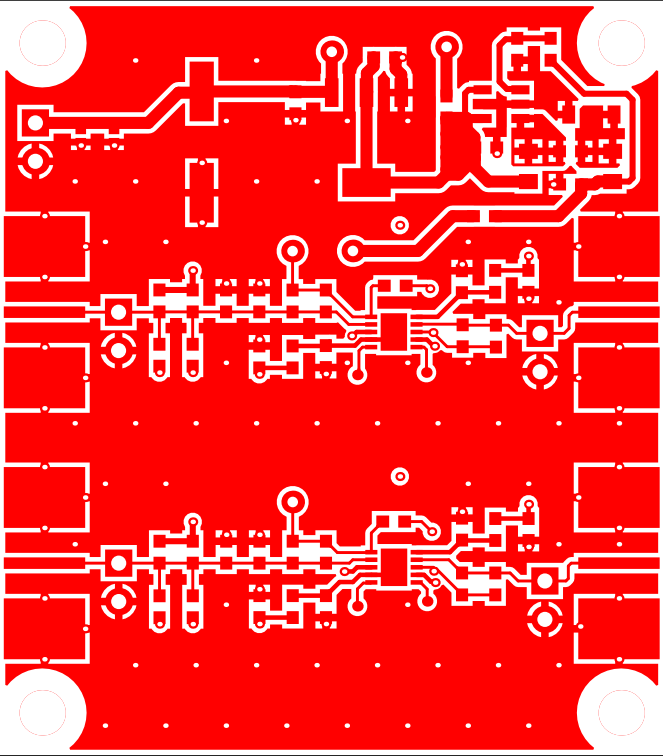
A

B

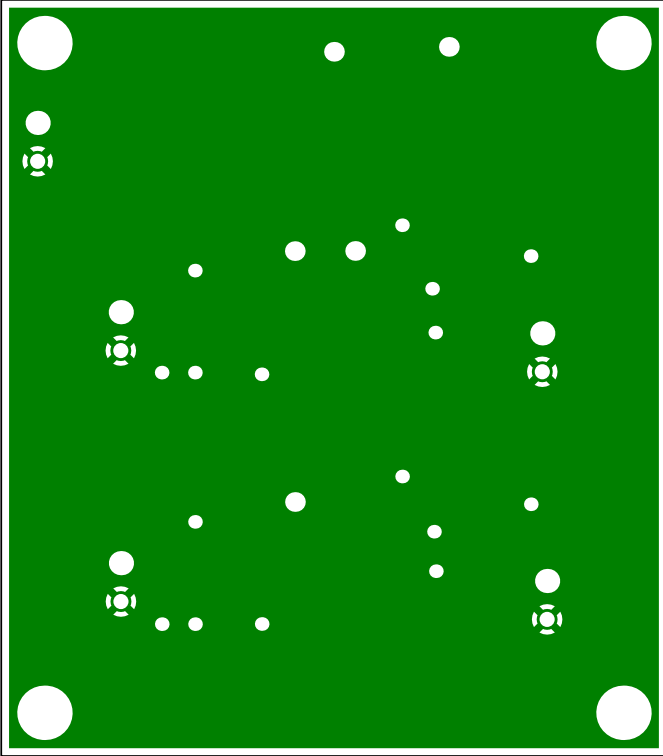
C

D

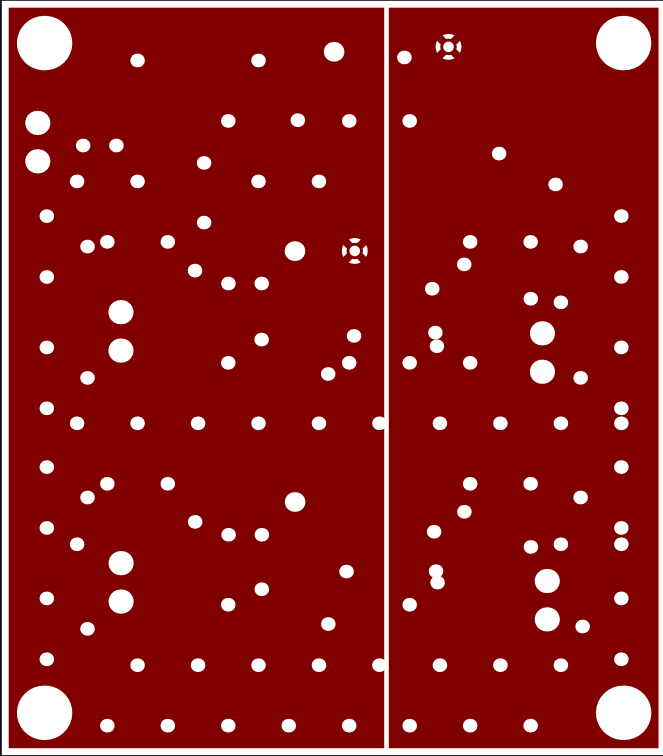
Top Layer (Scale 2:1)



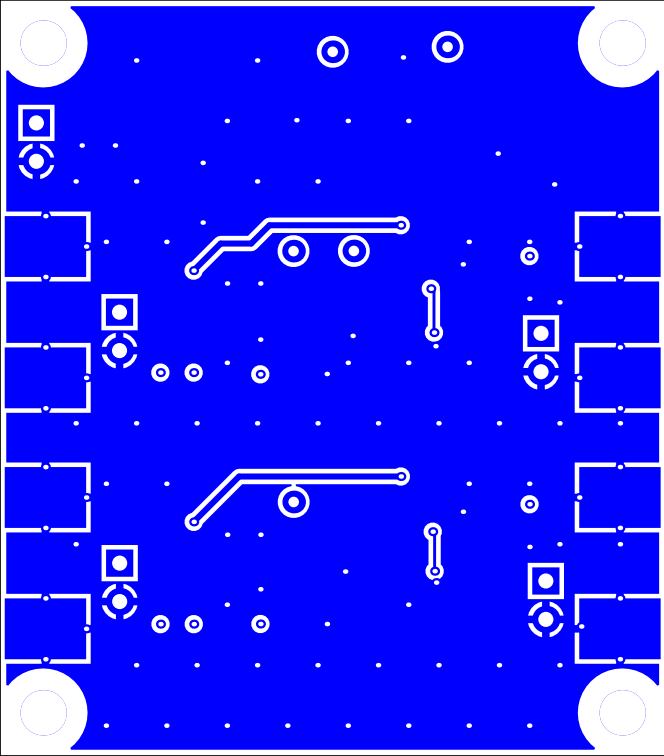
GND (Scale 2:1)



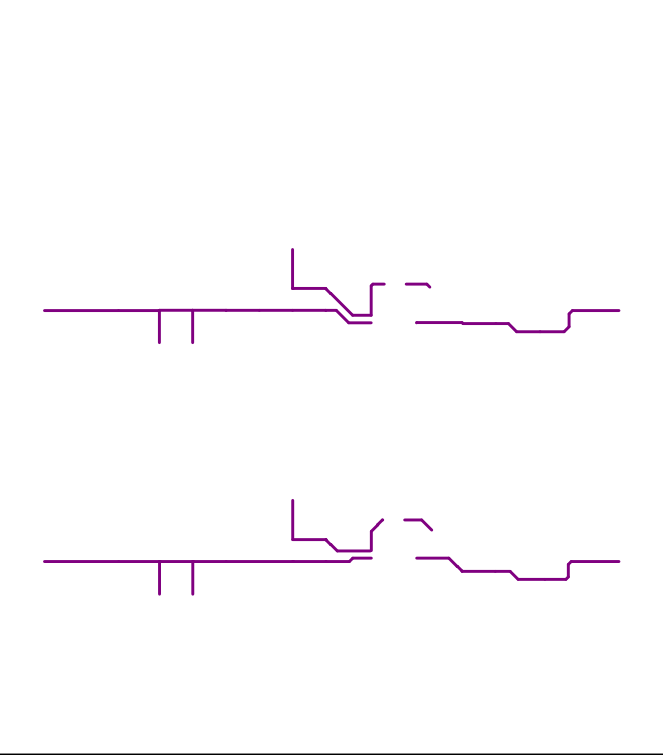
PWR (Scale 2:1)



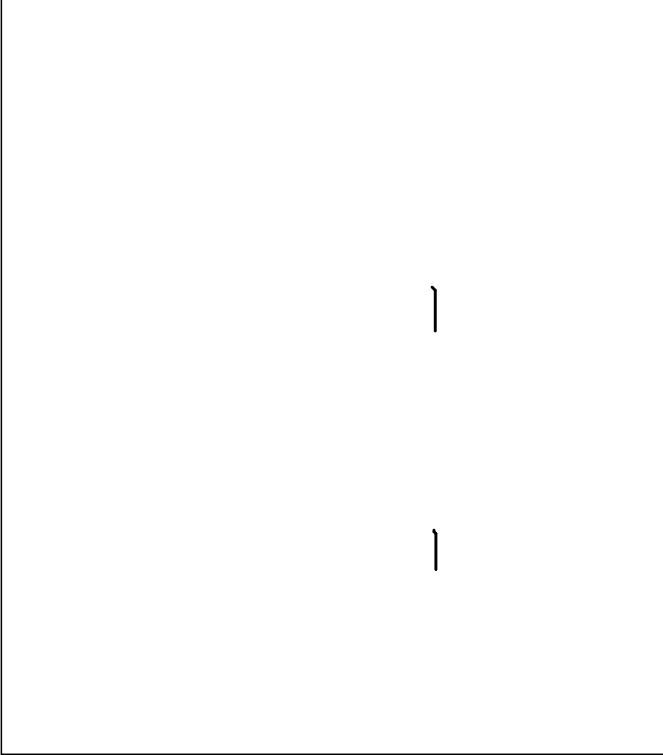
Bottom Layer (Scale 2:1)



Mechanical 2 (Scale 2:1)



Mechanical 3 (Scale 2:1)



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| | | FRACTIONAL± | ENG APPR. | | | | | |
| | | ANGULAR: MACH± BEND ± | MFG APPR. | | | | | |
| | | TWO PLACE DECIMAL ± | Q.A. | | | | | |
| | | THREE PLACE DECIMAL ± | COMMENTS: | | | SIZE DWG. NO. | | |
| | | INTERPRET GEOMETRIC TOLERANCING PER: | | | | | | |
| | | MATERIAL | | | | | | |
| NEXT ASSY | USED ON | FINISH | | | | | | |
| APPLICATION | | DO NOT SCALE DRAWING | | | | SCALE: 2:1 | WEIGHT: | SHEET 4 OF 4 |

A

B

C

D