

A

B

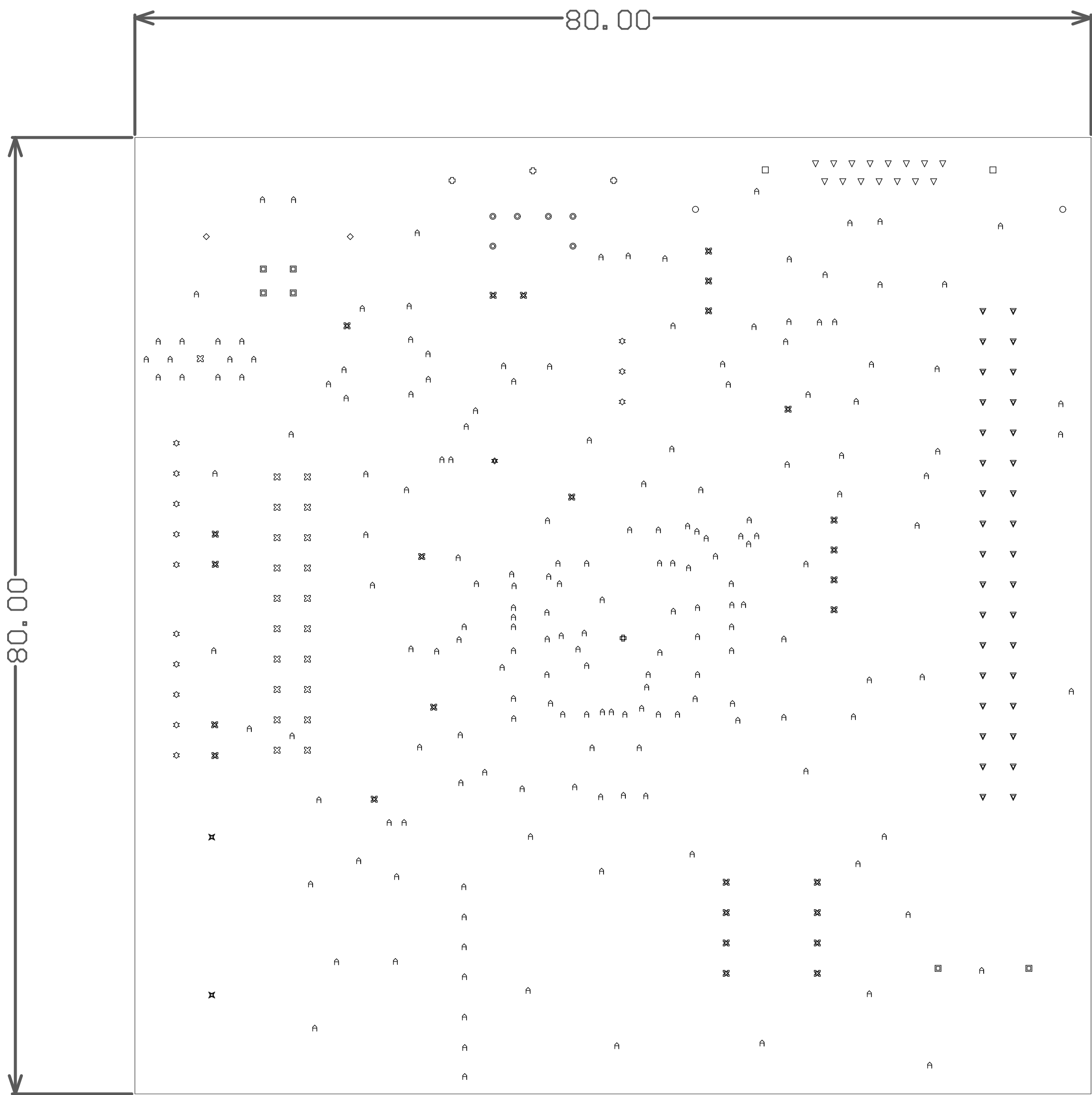
C

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| Layer | Name | Material | Thickness | Constant | Board Layer Stack |
|-------|----------------|---------------|-----------|----------|-------------------|
| | Top Overlay | | | | |
| | Top Solder | Solder Resist | 0.40mil | 3.5 | |
| 1 | Top Layer | Copper | 1.40mil | | |
| | Dielectric 1 | FR-4 | 12.60mil | 4.8 | |
| 2 | Mid Layer 1 | Copper | 1.40mil | | |
| | Dielectric 3 | FR-4 | 31.39mil | 4.8 | |
| 3 | Mid Layer 2 | Copper | 1.40mil | | |
| | Dielectric 2 | FR-4 | 12.60mil | 4.8 | |
| 4 | Bottom Layer | Copper | 1.40mil | | |
| | Bottom Solder | Solder Resist | 0.40mil | 3.5 | |
| | Bottom Overlay | | | | |

| Symbol | Count | Hole Size | Plated | Hole Type | Drill Layer Pair | Via/Pad | Pad Shape | Template | Description | Hole Tolerance (+) | Hole Tolerance (-) |
|-----------|-------|---------------------|--------|-----------|--------------------------|---------|-----------|---------------------|-------------|--------------------|--------------------|
| ⬢ | 1 | 1.300mm (51.18mil) | PTH | Round | Top Layer - Bottom Layer | Via | Rounded | v165h130 | | | |
| ⬢ | 1 | 3.700mm (145.67mil) | PTH | Round | Top Layer - Bottom Layer | Pad | Rounded | c400h370 | | | |
| ⬢ | 2 | 1.850mm (72.84mil) | PTH | Round | Top Layer - Bottom Layer | Pad | Rounded | c280h185m0p100280 | | | |
| □ | 2 | 1.930mm (75.98mil) | NPTH | Round | Top Layer - Bottom Layer | Pad | Rounded | c96hn193 | | | |
| ○ | 2 | 1.930mm (75.98mil) | PTH | Round | Top Layer - Bottom Layer | Pad | Rounded | c290h193 | | | |
| ⬢ | 2 | 2.300mm (90.55mil) | PTH | Round | Top Layer - Bottom Layer | Pad | Rounded | c380h230 | | | |
| ⬢ | 3 | 2.290mm (90.16mil) | PTH | Round | Top Layer - Bottom Layer | Pad | Rounded | c349h229m349p100349 | | | |
| ⬢ | 6 | 0.890mm (35.04mil) | PTH | Round | Top Layer - Bottom Layer | Pad | (Mixed) | (Mixed) | | | |
| ⬢ | 6 | 0.900mm (35.43mil) | PTH | Round | Top Layer - Bottom Layer | Pad | (Mixed) | (Mixed) | | | |
| ⬢ | 13 | 1.100mm (43.31mil) | PTH | Round | Top Layer - Bottom Layer | Pad | (Mixed) | (Mixed) | | | |
| ▽ | 15 | 0.700mm (27.56mil) | PTH | Round | Top Layer - Bottom Layer | Pad | (Mixed) | (Mixed) | | | |
| ⬢ | 21 | 1.000mm (39.37mil) | PTH | Round | Top Layer - Bottom Layer | Pad | (Mixed) | (Mixed) | | | |
| ⬢ | 27 | 0.800mm (31.50mil) | PTH | Round | Top Layer - Bottom Layer | Pad | Rounded | (Mixed) | | | |
| ▽ | 34 | 1.200mm (47.24mil) | PTH | Round | Top Layer - Bottom Layer | Pad | (Mixed) | (Mixed) | | | |
| ⬢ | 188 | 0.250mm (9.84mil) | PTH | Round | Top Layer - Bottom Layer | Via | Rounded | (Mixed) | | | |
| 323 Total | | | | | | | | | | | |

AVED

| | | | |
|-------------------------------|-------------------------|----------------|--|
| ENGINEER: DAR | TITLE: MB2K2 V1A | | |
| PCB DESIGNER: DAR | | | |
| DATE: 5/6/2020 | PART NO.: | REV: V1 | |
| FILE NAME: MB2K2_V1.PcbDoc | DWG NO: | SCALE: | |

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