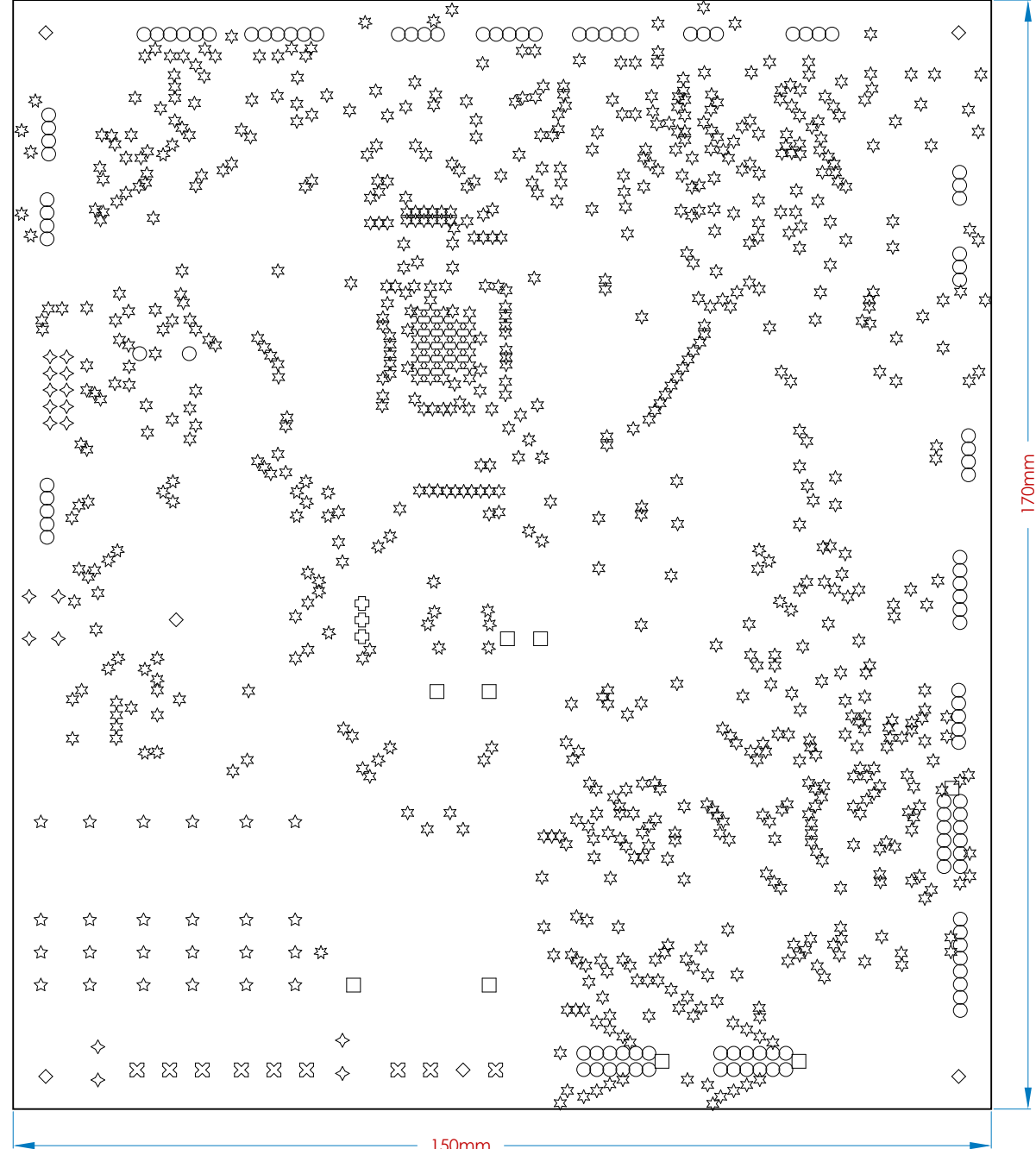


Drill Drawing View (Scale 1:1)



Drill Table

| Symbol | Count | Hole Size | Plated | Hole Tolerance |
|-----------|-------|-----------|--------|----------------|
| ☆ | 758 | 0.5mm | Plated | None |
| ☆ | 51 | 0.7mm | Plated | None |
| ○ | 113 | 0.8mm | Plated | None |
| ◇ | 18 | 1mm | Plated | None |
| ⊕ | 3 | 1.1mm | Plated | None |
| ☆ | 24 | 1.3mm | Plated | None |
| □ | 9 | 1.5mm | Plated | None |
| ⊗ | 9 | 1.8mm | Plated | None |
| ◇ | 6 | 4mm | Plated | None |
| 991 Total | | | | |

Fabrication file description

| Object | File name or format |
|------------------|---------------------|
| Top copper: | .GTL |
| Top solder: | .GTS |
| Top overlay: | .GTO |
| Bottom couper: | .GBL |
| Bottom solder: | .GBS |
| Bottom overlay: | .GBO |
| Board outline: | .GM1 |
| Plated holes: | .txt |
| No plated holes: | .txt |
| | |
| | |
| | |
| | |

Design information

| | | | |
|------------------------------|-----------------------------|---|--------|
| Board size: | 170 mm | X | 150 mm |
| Number of layers: | 2 | | |
| Min. track width: | 0.3 mm | | |
| Min. clearance: | 0.2 mm | | |
| Min. hole diameter: | 0.4 mm | | |
| Min. annular ring: | 0.2 mm | | |
| Board material: | FR-4 | | |
| Board thickness: | 2 mm | | |
| Solder mask: | top, bottom | | |
| Solder mask color: | green | | |
| Silk screen: | top, bottom | | |
| Silk screen color: | white | | |
| Surface finish: | HASL with leed | | |
| Couper thickness (finished): | 35 um | | |
| Array/Panel: | cut and trim per .GM1 layer | | |
| Bare board elec. test: | yes | | |
| | | | |
| | | | |
| | | | |

Acceptability:

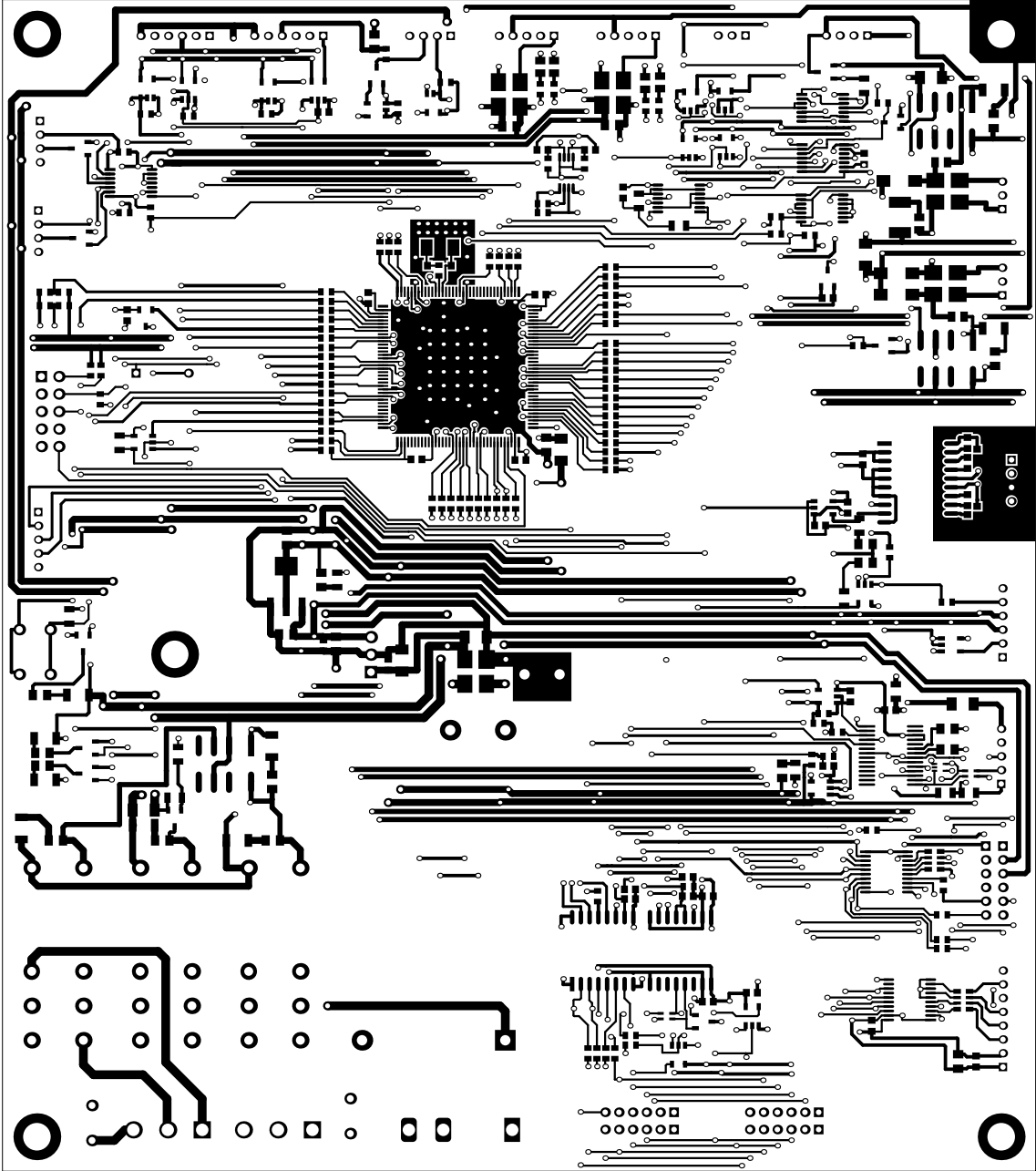
| |
|-------------------|
| IPC-A-600 Class 2 |
| Ul94 Class V-0 |
| |

Layer Stack Legend

| Material | Layer | Thickness | Dielectric Material | Type | Gerber |
|------------------------------------|------------------|------------------|---------------------|-------------|--------|
| | Top Overlay | | | Legend | GTO |
| | Surface Material | 0.01mm (0.4mil) | Solder Resist | Solder Mask | GTS |
| Copper | Top | 0.036mm (1.4mil) | | Signal | GTL |
| | | 1.5mm (59.1mil) | FR-4 | Dielectric | |
| | Bottom | 0.036mm (1.4mil) | | Signal | GBL |
| Copper | Bottom | 0.036mm (1.4mil) | | Signal | GBL |
| | Bottom Solder | 0.01mm (0.4mil) | Solder Resist | Solder Mask | GBS |
| | Bottom Overlay | | | Legend | GBO |
| Total thickness: 1.591mm (62.7mil) | | | | | |

| | | | | | | | | |
|--|---------------|-----------|------|--|--|------------------------------------|----------------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS | | | | | | DEBURR AND BREAK SHARP EDGES | DO NOT SCALE DRAWING | REVISION |
| | | | | | | | Oltest | |
| | NAME | SIGNATURE | DATA | | | | TITLE: R100 ControlVR | |
| DRAW | Bondarchuk S. | | | | | | | |
| CHK'D | Bondarchuk S. | | | | | | | |
| APPV'D | Ornatskiy | | | | | | | |
| MFG | | | | | | | | |
| QA | | | | | | | AMAK: R100.230.030.001-00 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | WEIGHT: | SCALE 1:1 | SHEET 1 OF 7 |

Top (Scale 1:1)



| | | | | | | | | |
|--|---------------|-----------|------|--|--|------------------------------------|----------------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS | | | | | | DEBURR AND BREAK SHARP EDGES | DO NOT SCALE DRAWING | REVISION |
| | | | | | | | Oitest | |
| | NAME | SIGNATURE | DATA | | | | TITLE: R100 ControlVR | |
| DRAW | Bondarchuk S. | | | | | | | |
| CHK'D | Bondarchuk S. | | | | | | | |
| APPV'D | Ornatskiy | | | | | | | |
| MFG | | | | | | | | |
| QA | | | | | | | AMAK: R100.230.030.001-00 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | WEIGHT: | SCALE 1:1 | SHEET 2 OF 7 |

A

B

C

D

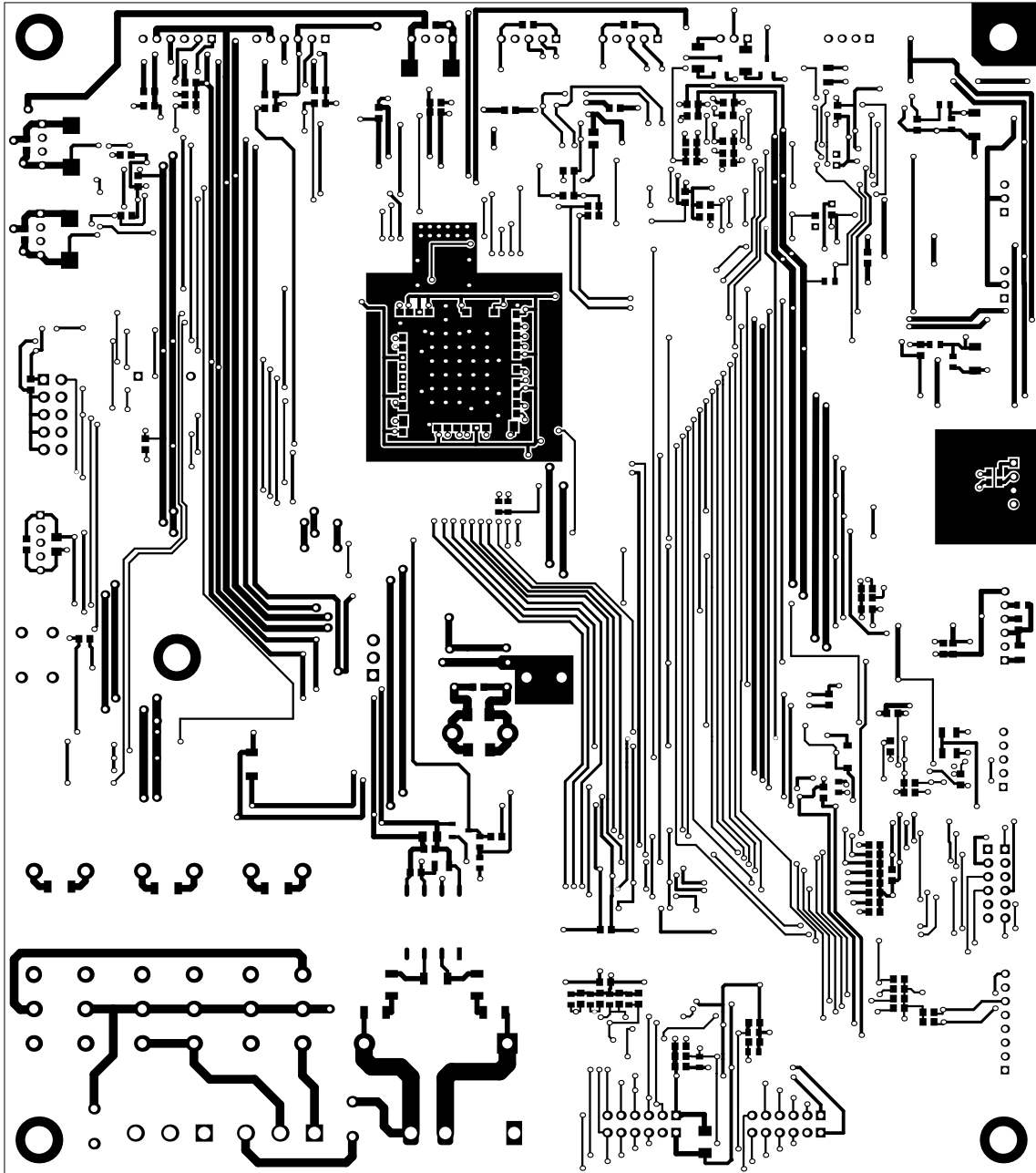
E

F

G

H

Bottom (Scale 1:1)



| | | | | | | | | |
|--|---------------|-----------|------|--|--|------------------------------------|----------------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS | | | | | | DEBURR AND BREAK SHARP EDGES | DO NOT SCALE DRAWING | REVISION |
| | | | | | | | Oltest | |
| | NAME | SIGNATURE | DATA | | | | TITLE: R100 ControlVR | |
| DRAW | Bondarchuk S. | | | | | | | |
| CHK'D | Bondarchuk S. | | | | | | | |
| APPV'D | Ornatskiy | | | | | | | |
| MFG | | | | | | | AMAK: R100.230.030.001-00 | |
| QA | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | WEIGHT: | SCALE 1:1 | SHEET 3 OF 7 |

A

B

C

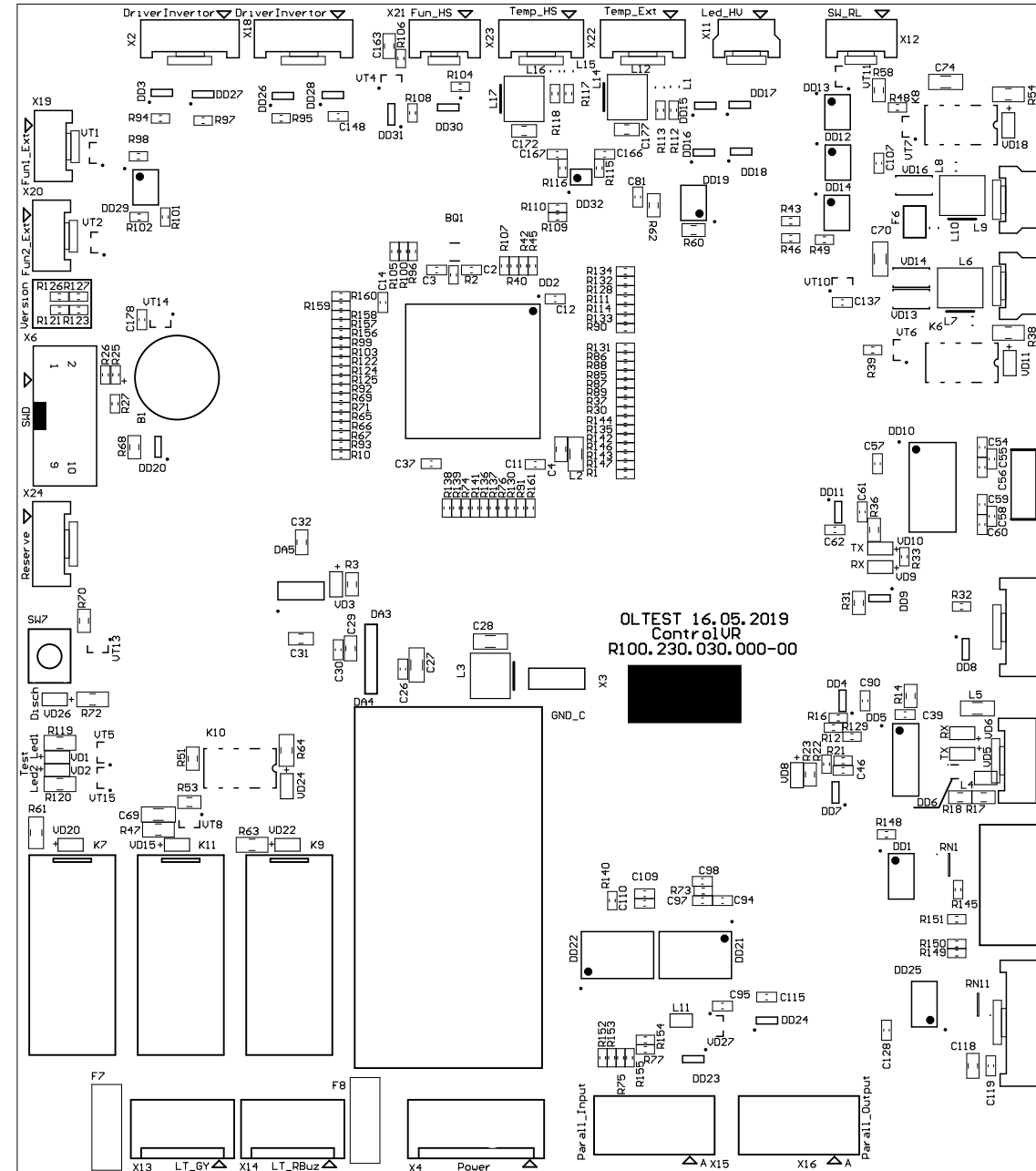
D

E

F

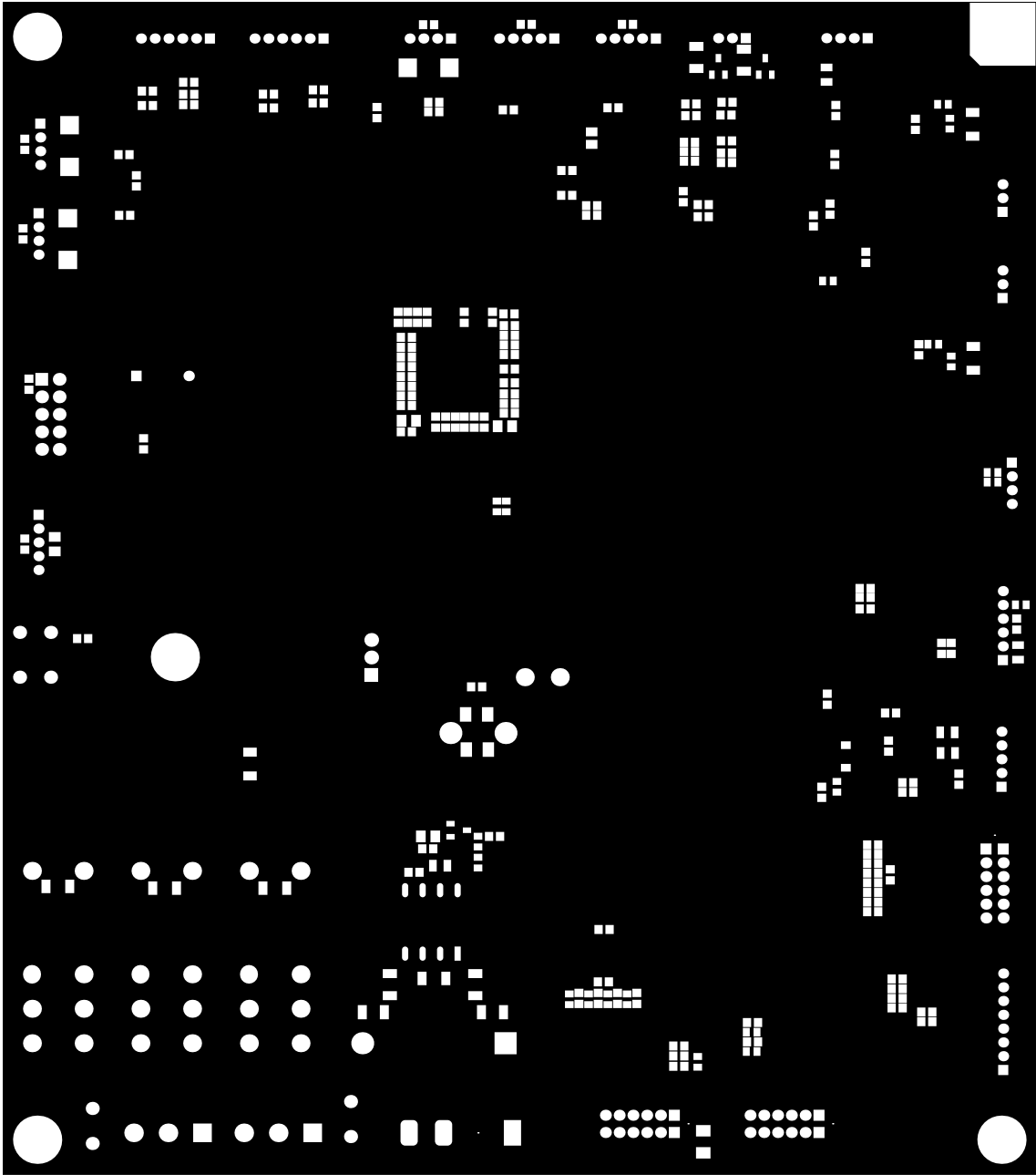
G

H



| | | | | | | | | | | | |
|--|---------------|-----------|------|---------|--|------------------------------------|------------------------------|----------------------|--|--------------|----|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS | | | | | | DEBURR AND BREAK SHARP EDGES | | DO NOT SCALE DRAWING | | REVISION | |
| | | | | | | | | Oltest | | | |
| | NAME | SIGNATURE | DATA | | | | TITLE: R100 ControlVR | | | | |
| DRAW | Bondarchuk S. | | | | | | | | | | |
| CHK'D | Bondarchuk S. | | | | | | | | | | |
| APPV'D | Ornatskiy | | | | | | | | | | |
| MFG | | | | | | | | | | | |
| QA | | | | | | | AMAK: | | | | A3 |
| | | | | | | | R100.230.030.001-00 | | | | |
| | | | | | | | | | | | |
| | | | | WEIGHT: | | | SCALE 1:1 | | | SHEET 4 OF 7 | |

Bottom Solder (Scale 1:1)



| | | | | | | | | |
|--|---------------|-----------|------|--|--|------------------------------------|----------------------------------|----------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS | | | | | | DEBURR AND BREAK SHARP EDGES | DO NOT SCALE DRAWING | REVISION |
| | | | | | | | Oltest | |
| | NAME | SIGNATURE | DATA | | | | TITLE: R100 ControlVR | |
| DRAW | Bondarchuk S. | | | | | | | |
| CHK'D | Bondarchuk S. | | | | | | | |
| APPV'D | Ornatskiy | | | | | | | |
| MFG | | | | | | | | |
| QA | | | | | | | AMAK: R100.230.030.001-00 | |
| | | | | | | | | |
| | | | | | | | SCALE 1:1 | |
| | | | | | | | | |
| | | | | | | WEIGHT: | SHEET 6 OF 7 | |



| | | | | | | | | | | | | |
|--|---------------|-----------|------|---------|--|--|------------------------------------|--|----------------------|--------------|----------|--|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS | | | | | | | DEBURR AND BREAK SHARP EDGES | | DO NOT SCALE DRAWING | | REVISION | |
| | | | | | | | | | Oltest | | | |
| | NAME | SIGNATURE | DATA | | | | TITLE: R100 ControlVR | | | | | |
| DRAW | Bondarchuk S. | | | | | | | | | | | |
| CHK'D | Bondarchuk S. | | | | | | | | | | | |
| APPV'D | Ornatskiy | | | | | | | | | | | |
| MFG | | | | | | | | | | | | |
| QA | | | | | | | AMAK: R100.230.030.001-00 | | | | A3 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | WEIGHT: | | | SCALE 1:1 | | | SHEET 7 OF 7 | | |