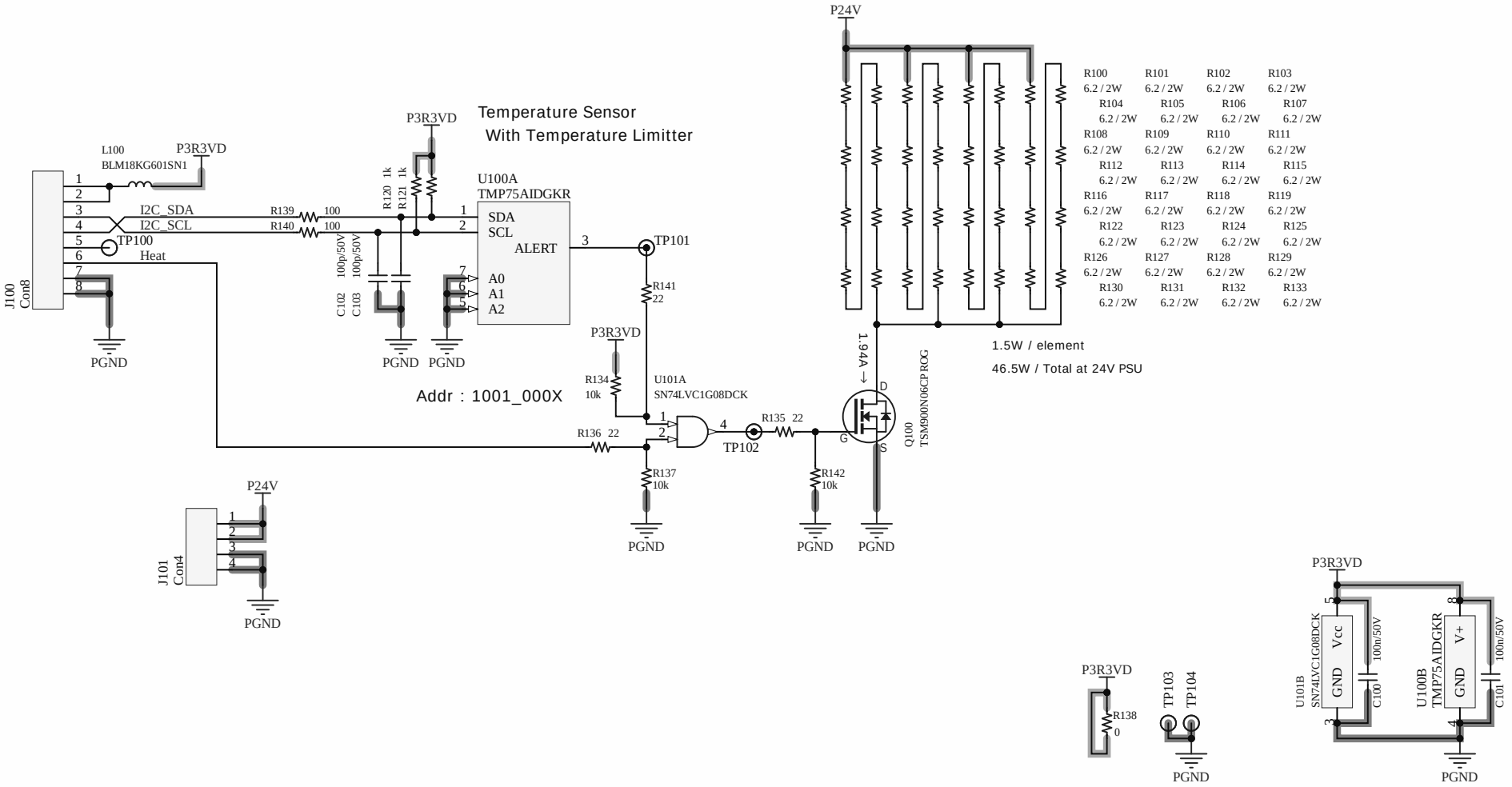
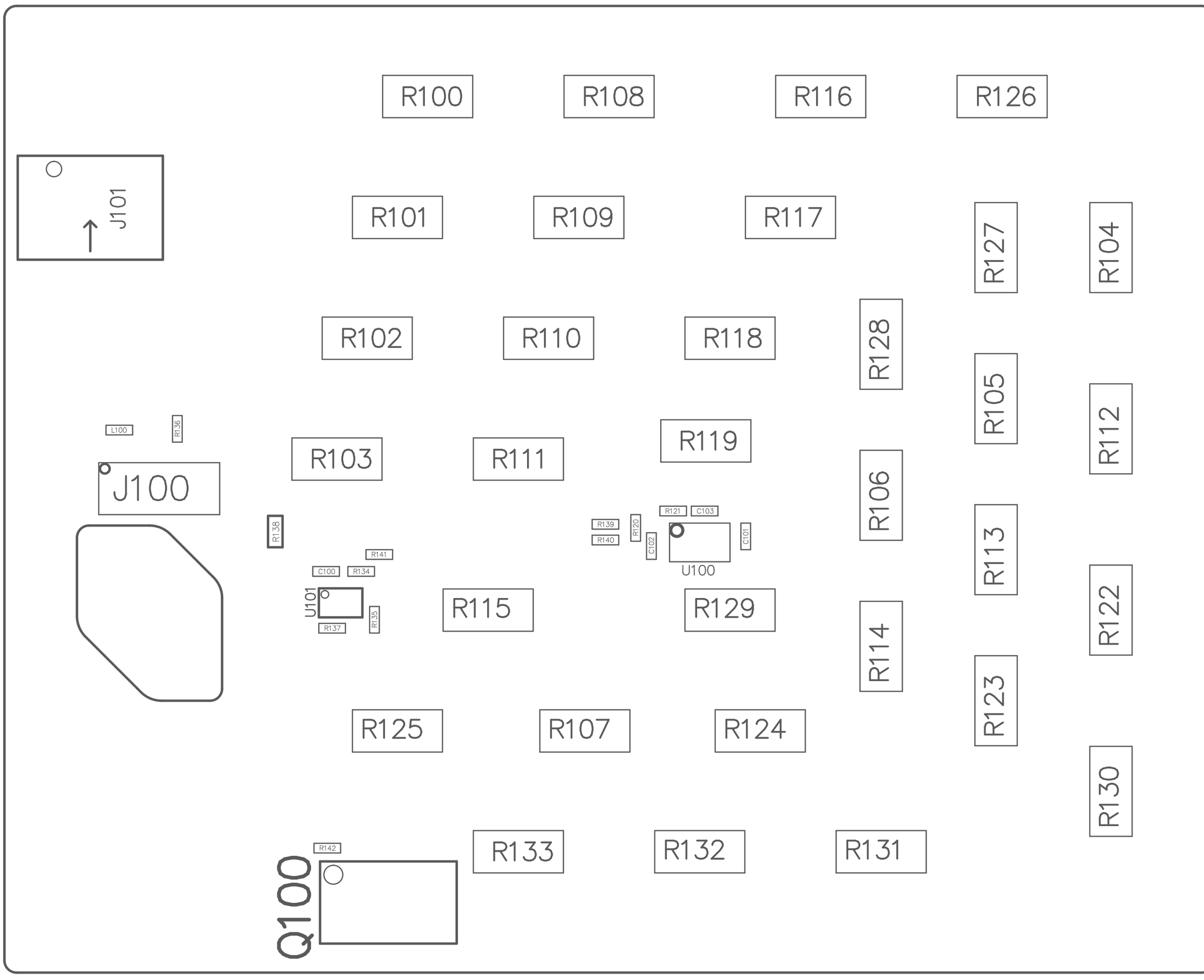
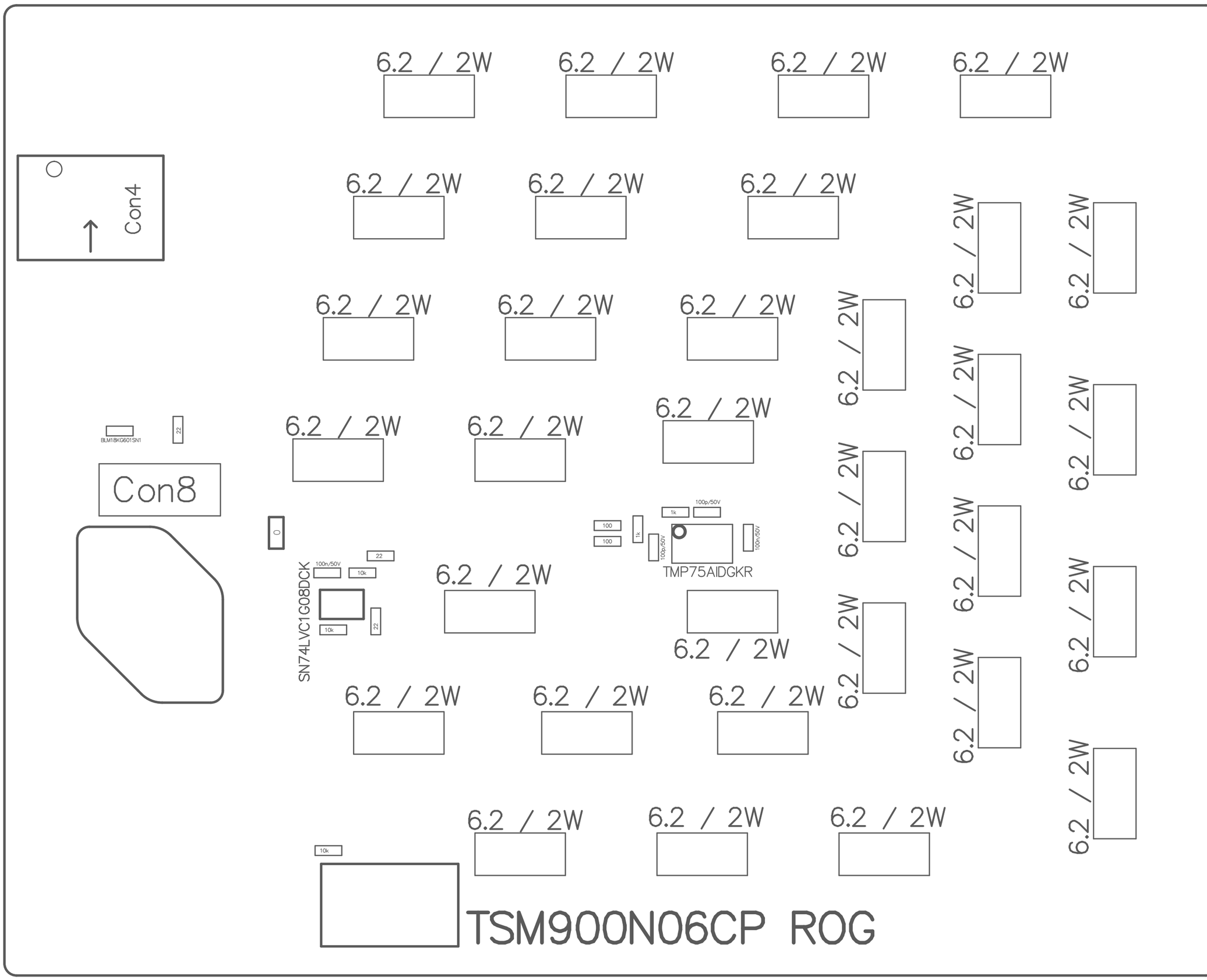
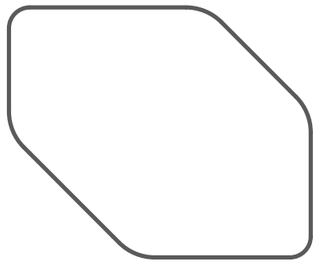

Temperature Sensor
With Temperature Limitter
L100
BLM18KG601SN1
P3R3VD
J100
Con8
I2C_SDA
I2C_SCL
TP100
Heat
R139 100
R140 100
R120 1k
R121 1k
100p/50V
C102
C103
U100A
TMP75AIDGKR
SDA
SCL
ALERT
A0
A1
A2
TP101
R141
22
PGND
Addr : 1001_000X
U101A
SN74LVC1G08DCK
R134
10k
R136 22
R135 22
TP102
R137
10k
R142
10k
P24V
J101
Con4
1.94A
Q100
TSM900N06CP ROG
R100 R101 R102 R103
6.2 / 2W
R104 R105 R106 R107
R108 R109 R110 R111
R112 R113 R114 R115
R116 R117 R118 R119
R122 R123 R124 R125
R126 R127 R128 R129
R130 R131 R132 R133
1.5W / element
46.5W / Total at 24V PSU
R138
0
TP103
TP104
U101B
U100B
Vcc
GND
V+
100n/50V
C100
C101
★ToDo
Title
PreHeater PowerStage
Model
*
Rev.
*
Comment
*
Filename
PreHeater.SchDoc
Size
A4
Date
2020/05/07
Design
*
Sheet
* of *
CRONOS

Outline (GML)

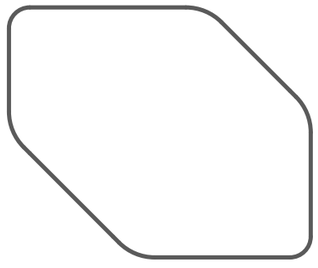

R100
R108
R116
R126
J101
R101
R109
R117
R127
R104
R102
R110
R118
R128
R105
R112
L100
R136
J100
R103
R111
R119
R106
R138
R121
C103
R139
R120
R140
C102
C101
U100
R141
C100
R134
U101
R137
R135
R115
R129
R114
R113
R122
R123
R125
R107
R124
R130
R142
R133
R132
R131
Q100

Outline (GML)

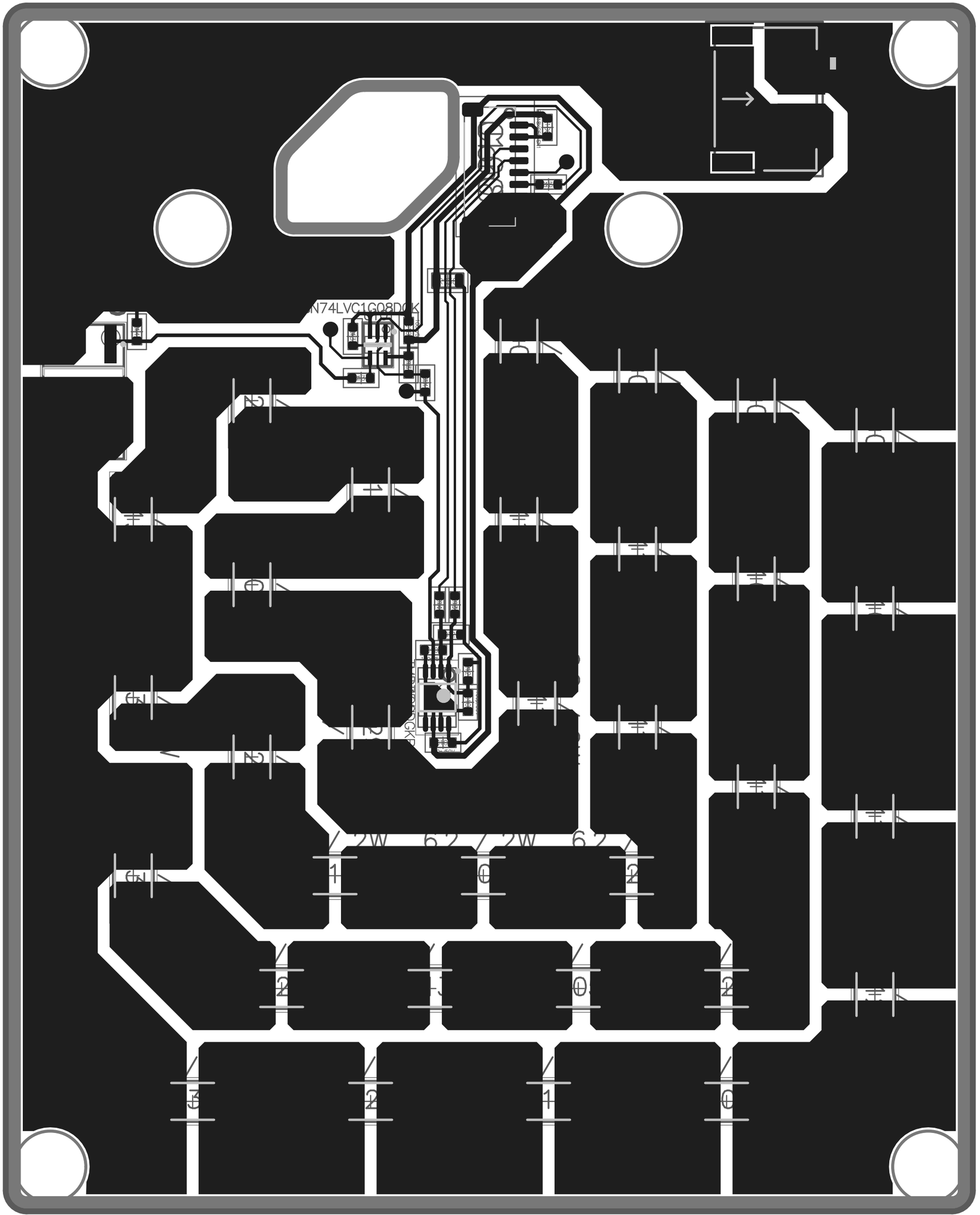

Con4
6.2 / 2W
Con8
BLM18KG601SN1
22
0
100n/50V
10k
SN74LVC1G08DCK
100p/50V
1k
100
TMP75AIDGKR
TSM900N06CP ROG



Outline (CMC)

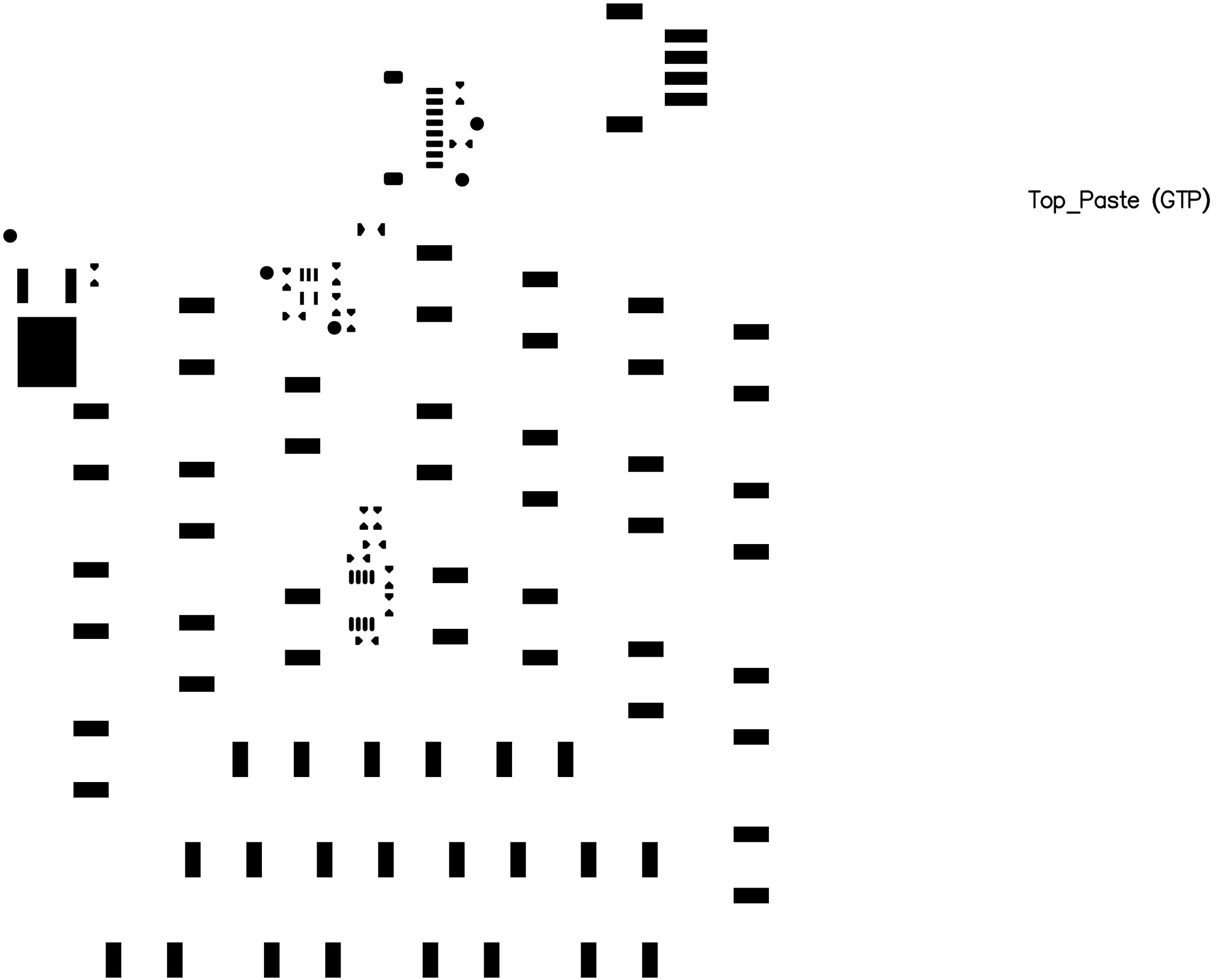


Outline (CMC)



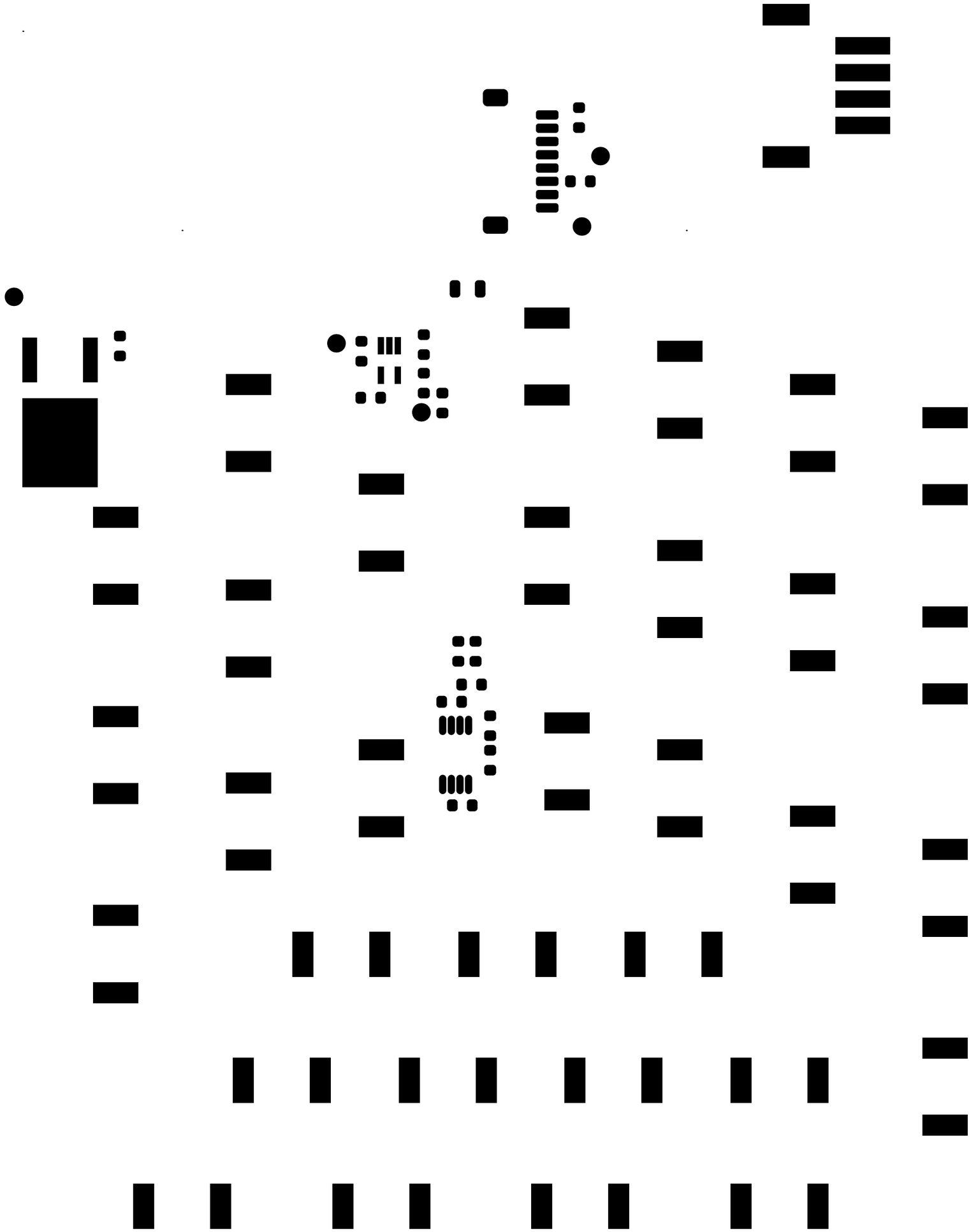
V-Scoring (GM3)
NC-Router (GM4)
Outline (GML)
Layer1(GTL)
L1_Overlay

Layer4(GBL)

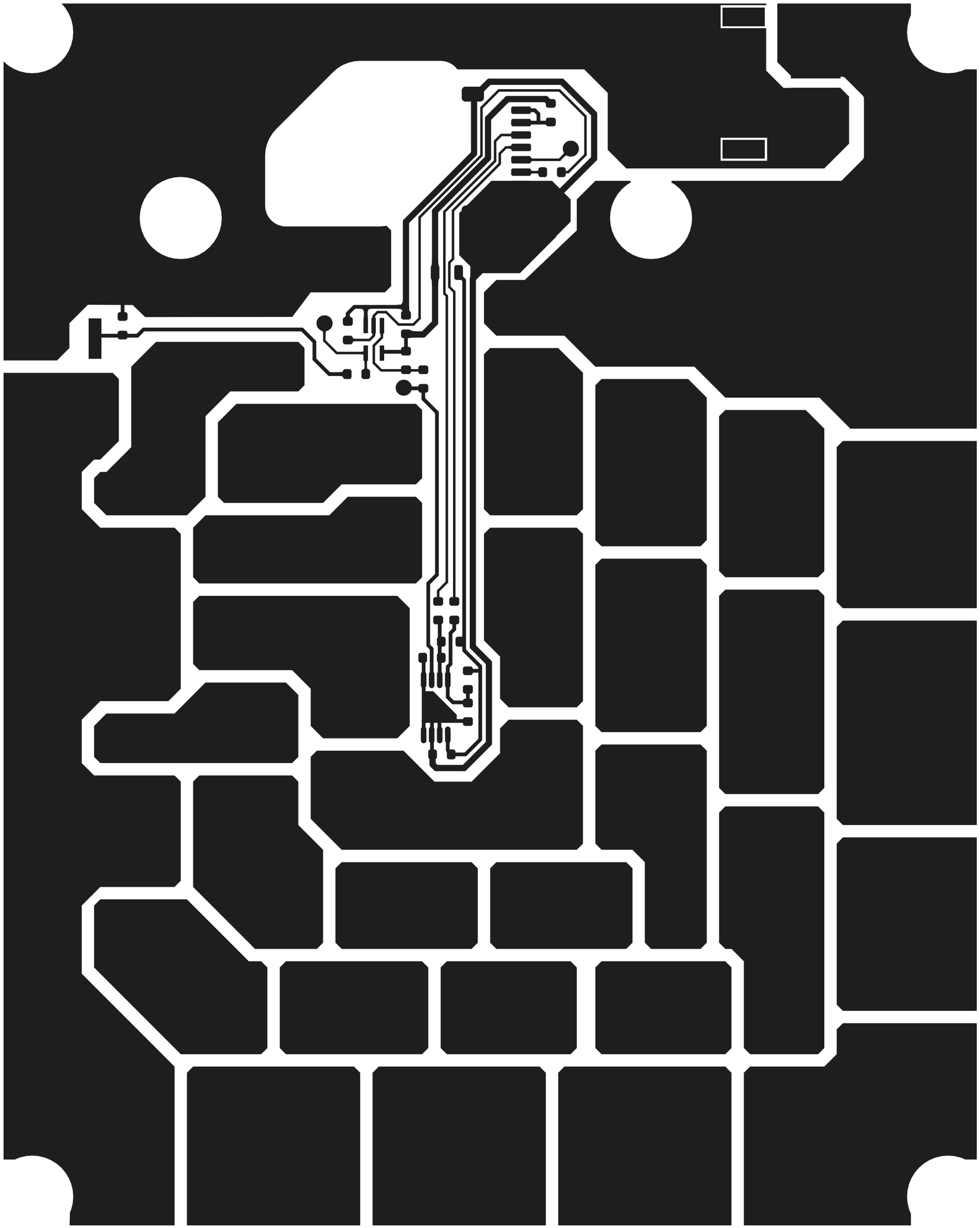


Top_Paste (GTP)

L1_Overlay



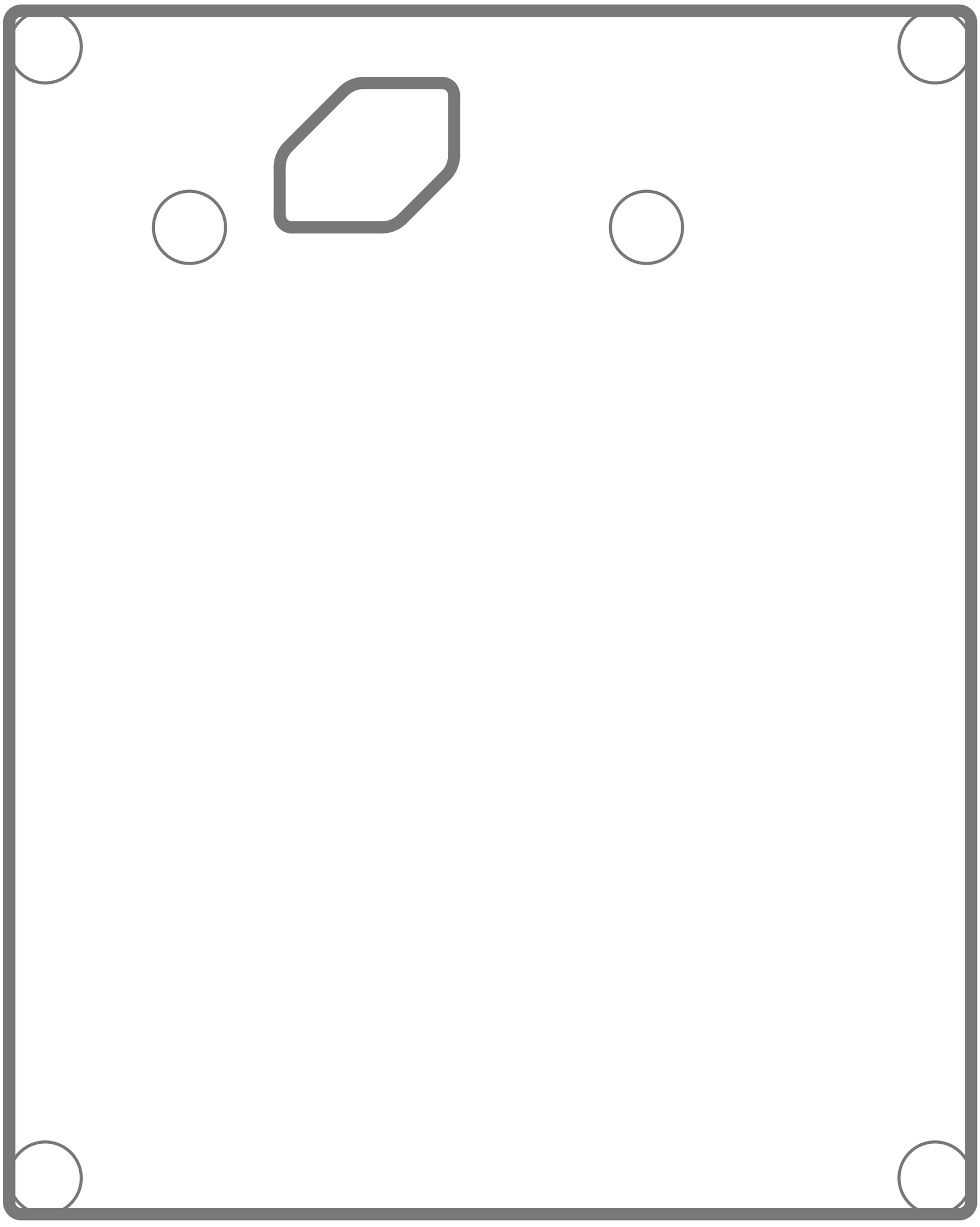
L1_SolderResist (GTS)

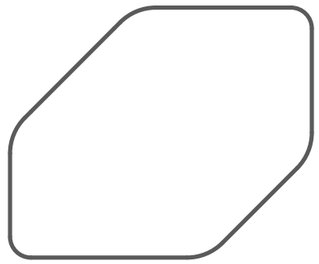


Layer1(GTL)

Layer4(GBL)

L4_SolderResist (GBS)

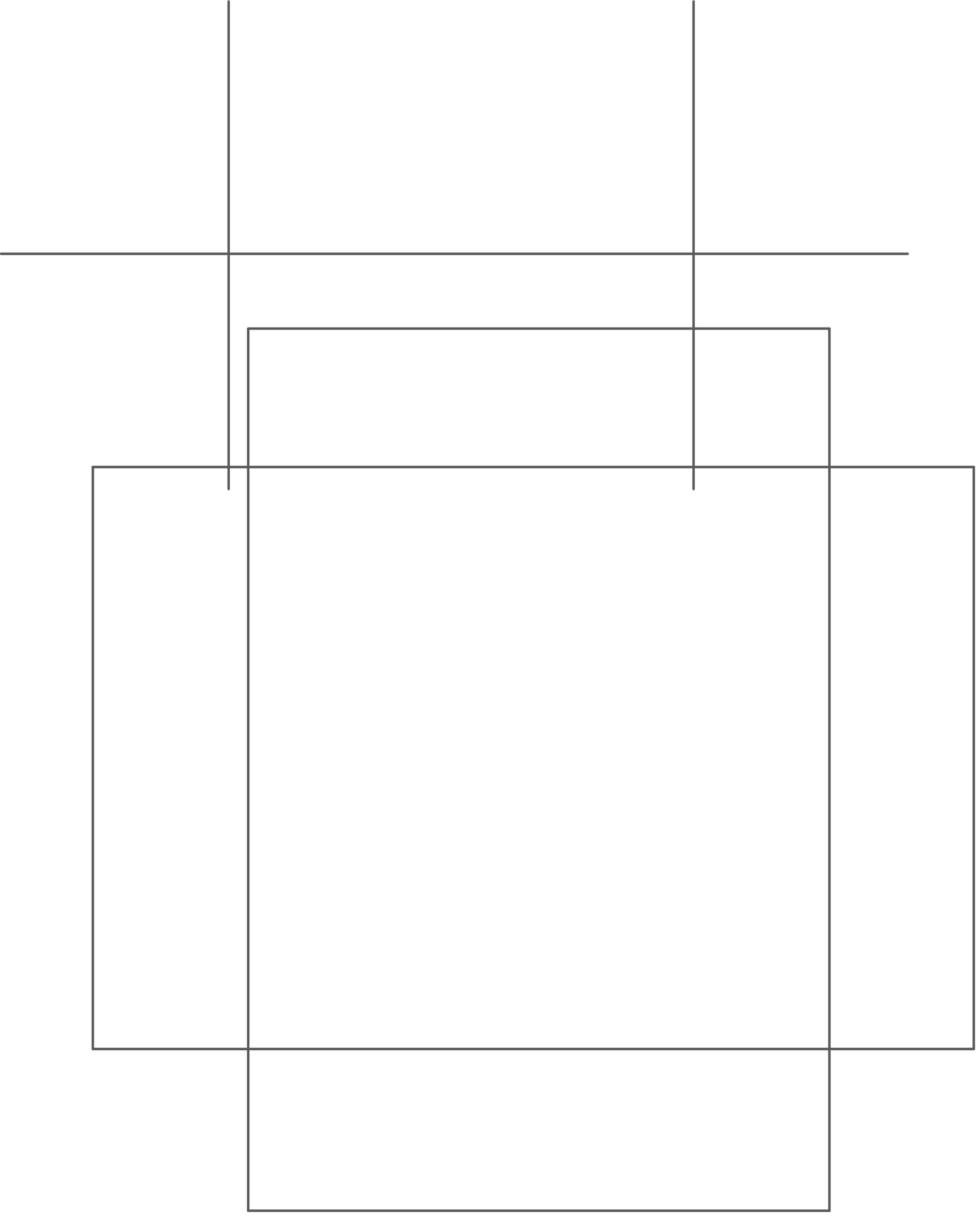


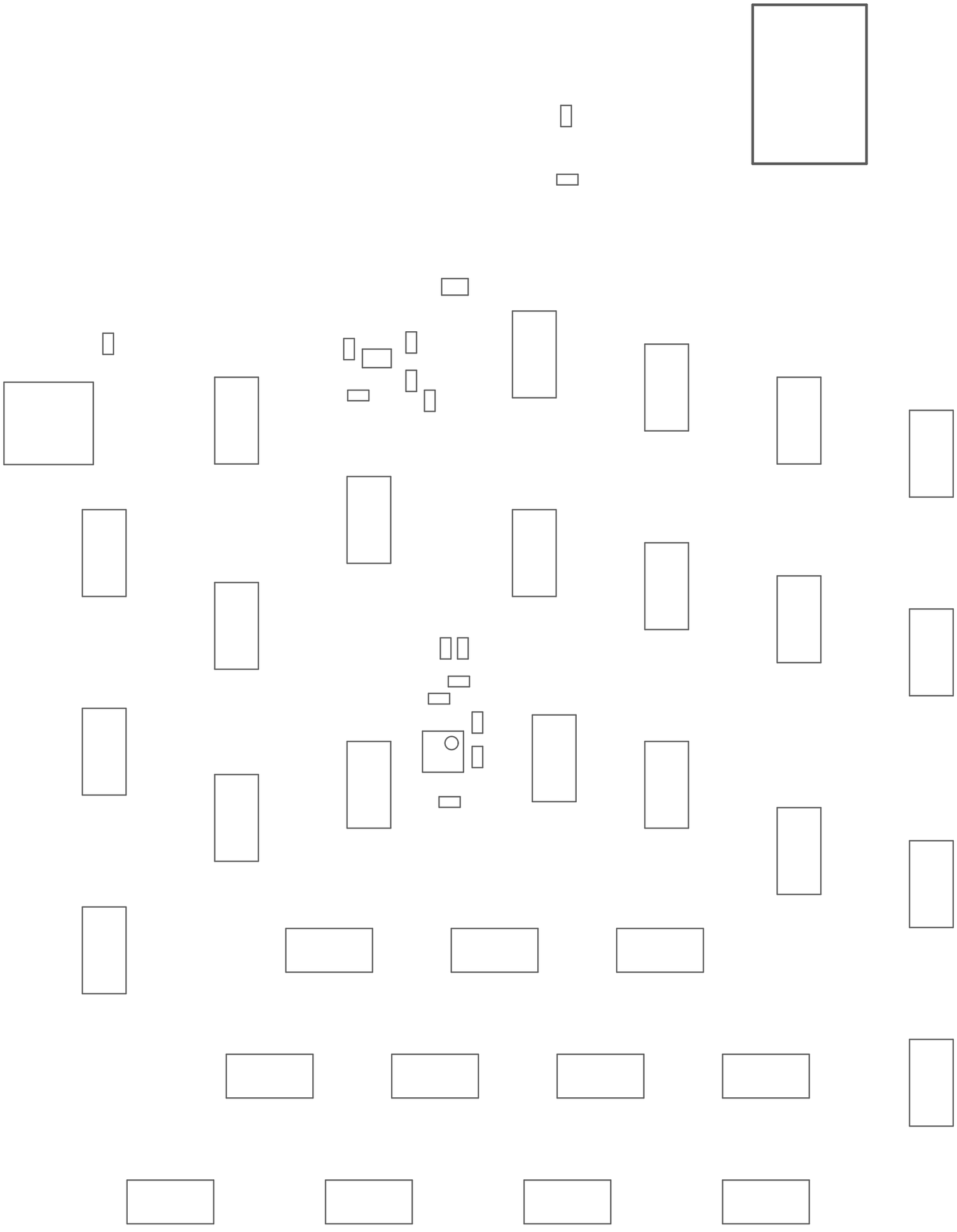


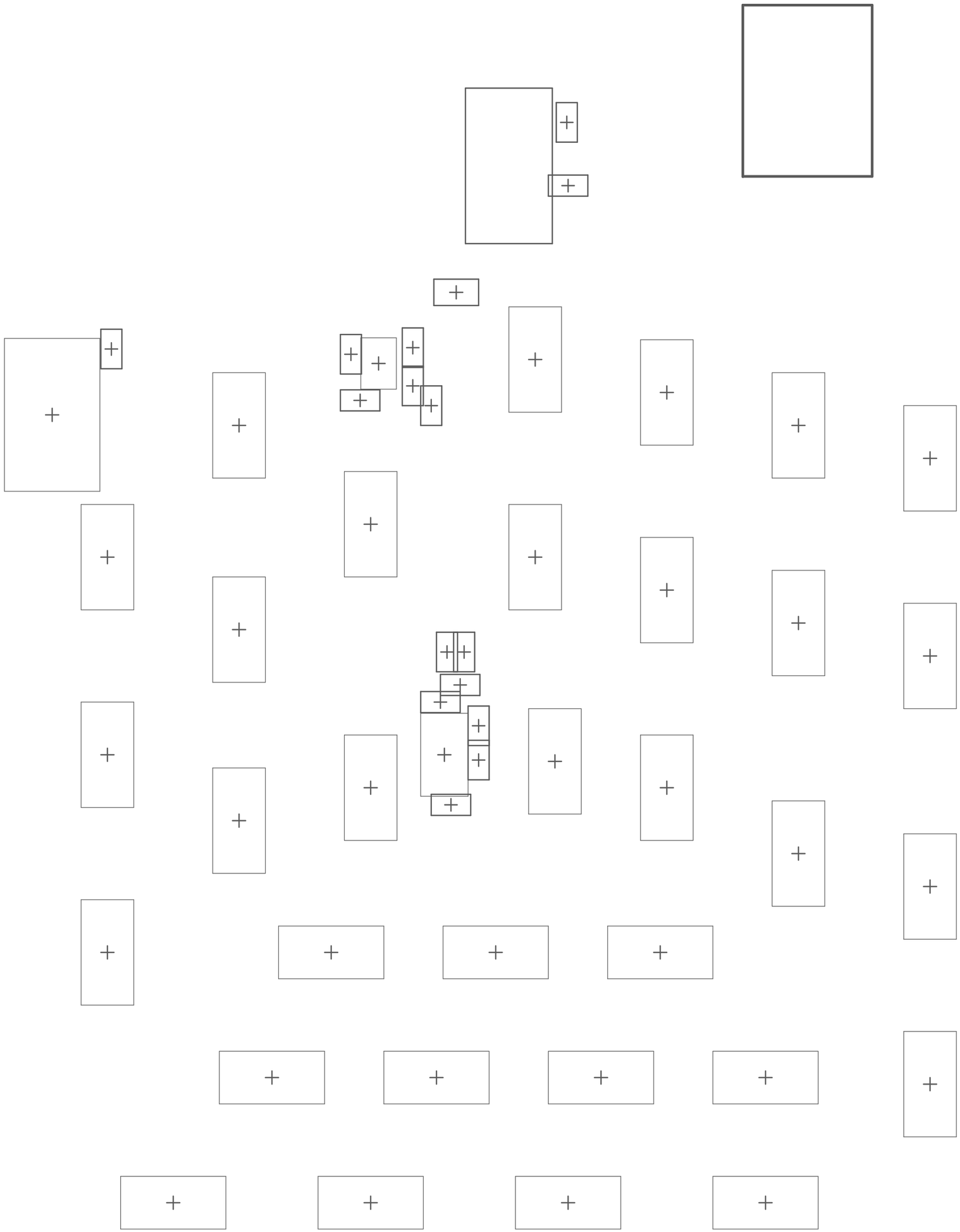
Outline (GML)

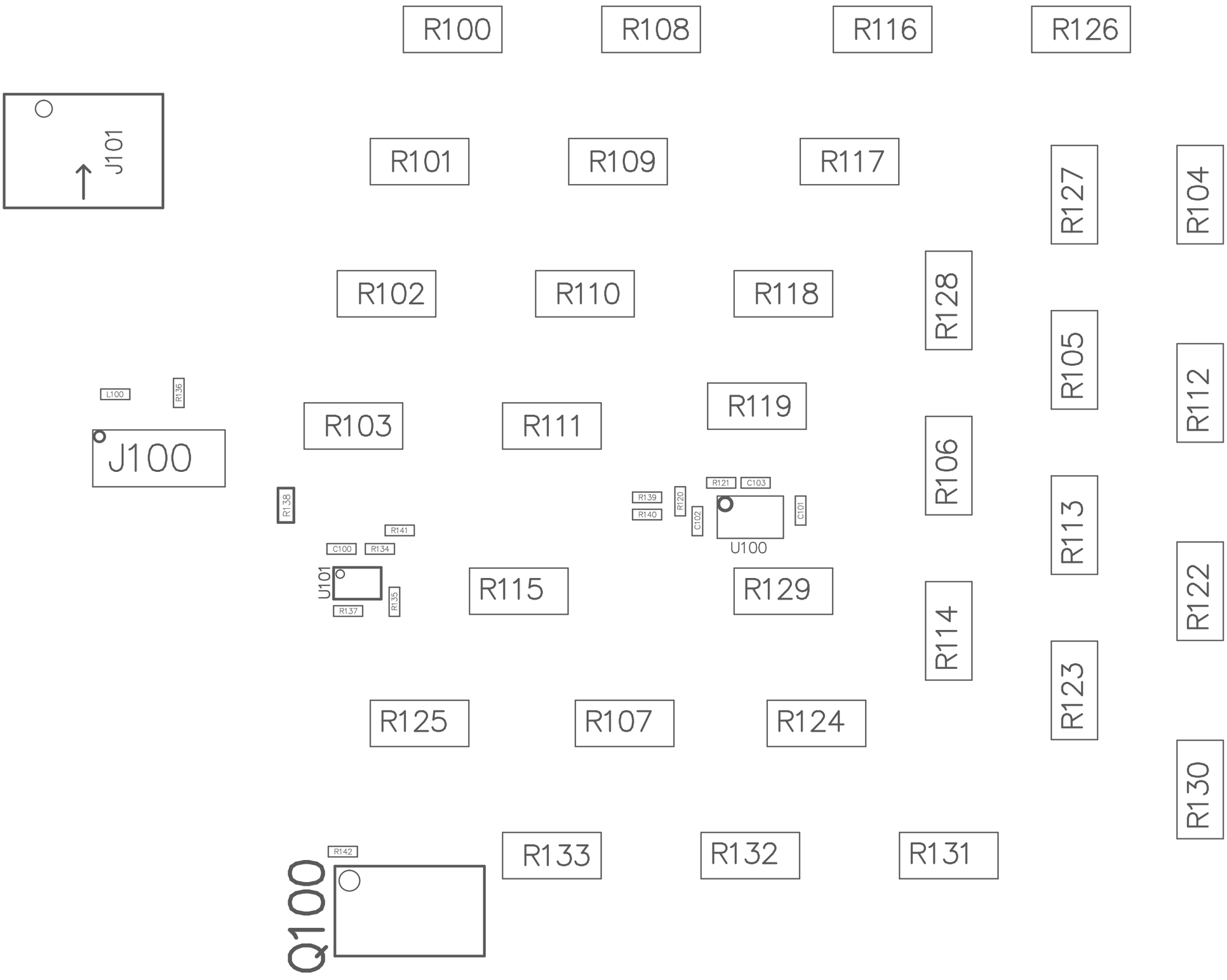
V-Scoring (GM3)

NC-Router (GM4)








R100
R108
R116
R126
J101
R101
R109
R117
R127
R104
R102
R110
R118
R128
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R112
L100
R136
R103
R111
R119
R106
R113
R122
J100
R138
R121
C103
R139
R120
C101
R140
C102
U100
R141
C100
R134
U101
R115
R129
R114
R123
R130
R137
R135
R125
R107
R124
R142
R133
R132
R131
Q100

Con4

6.2 / 2W

6.2 / 2W

6.2 / 2W

L4_Overlay

Bottom_Paste (GBP)