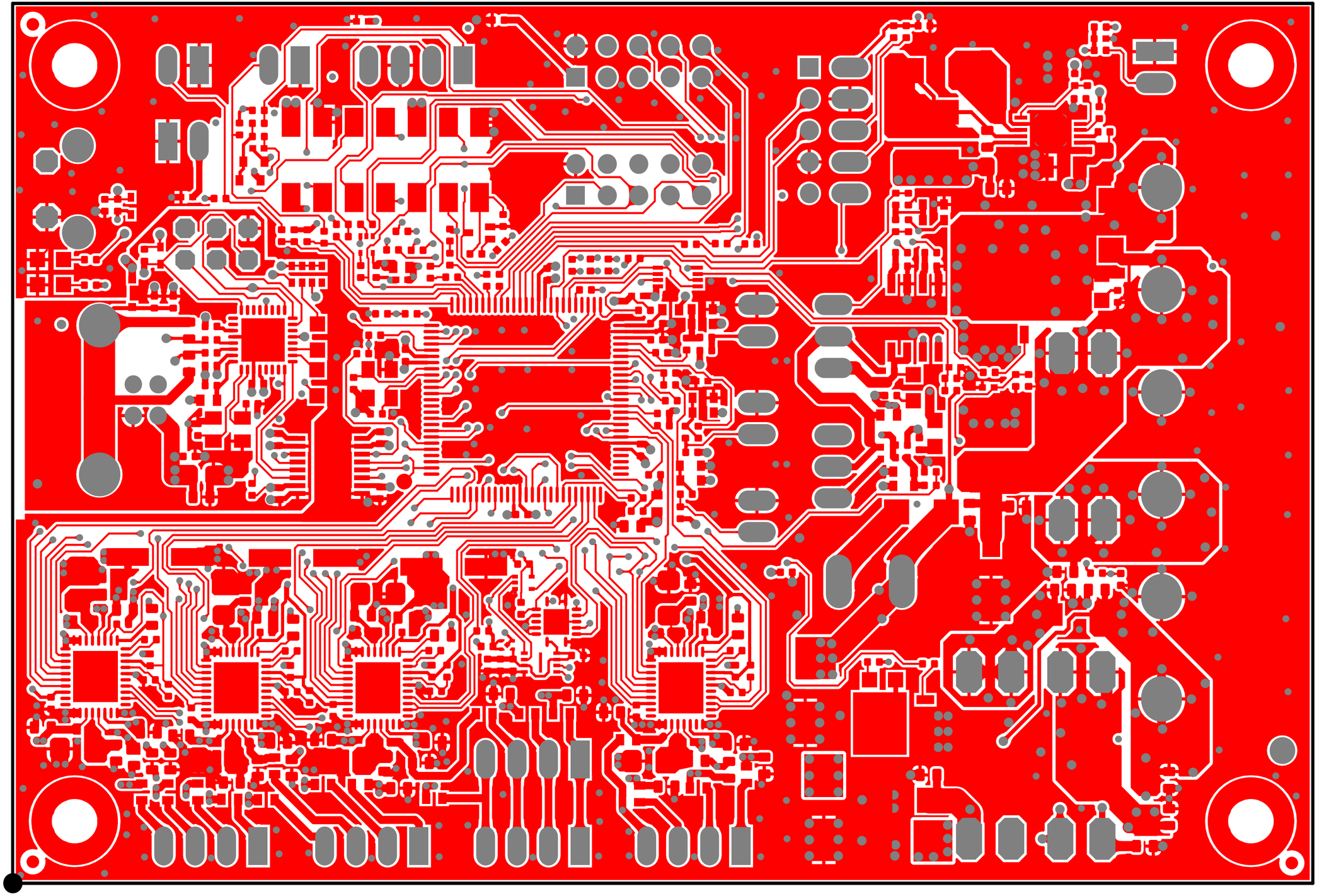
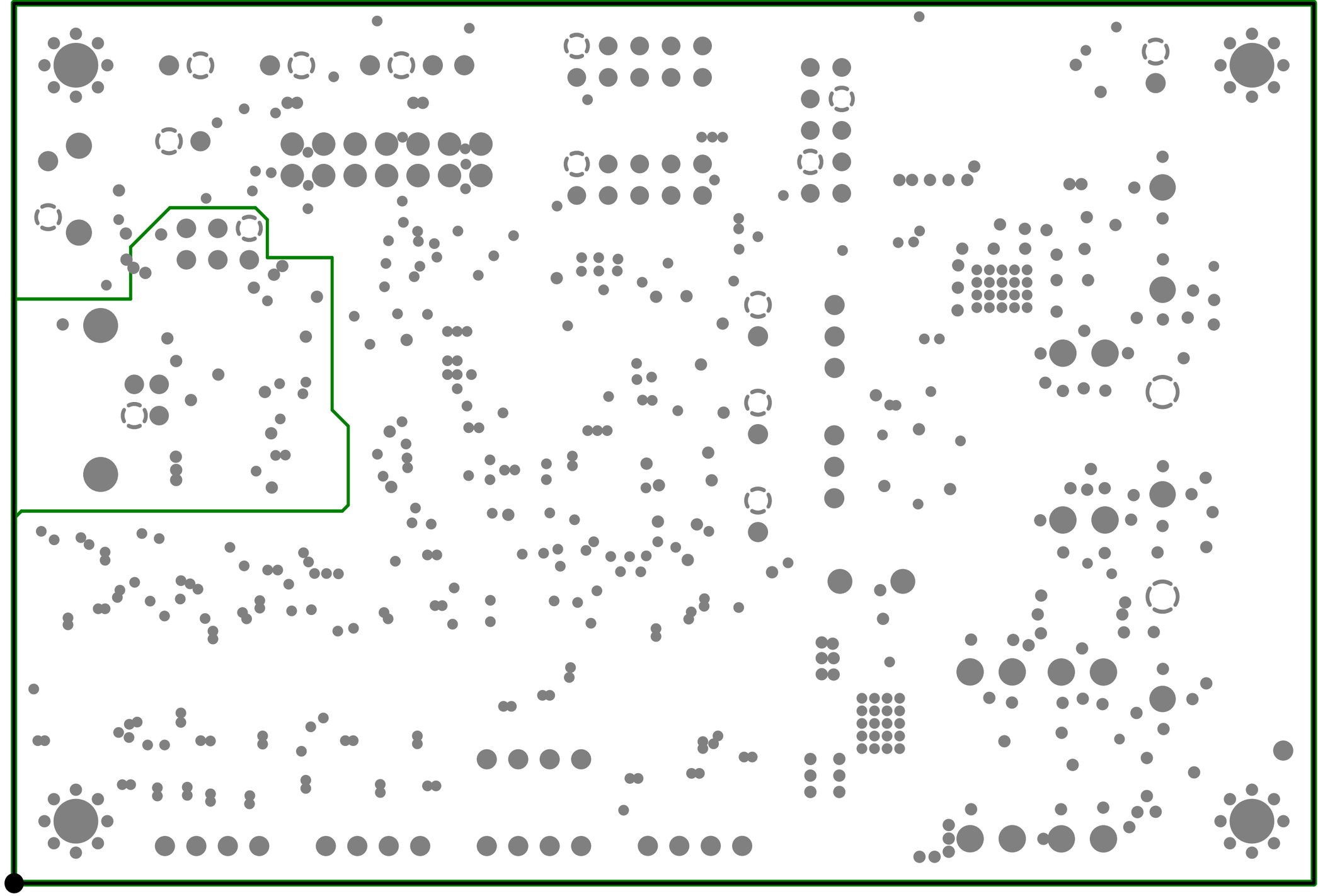
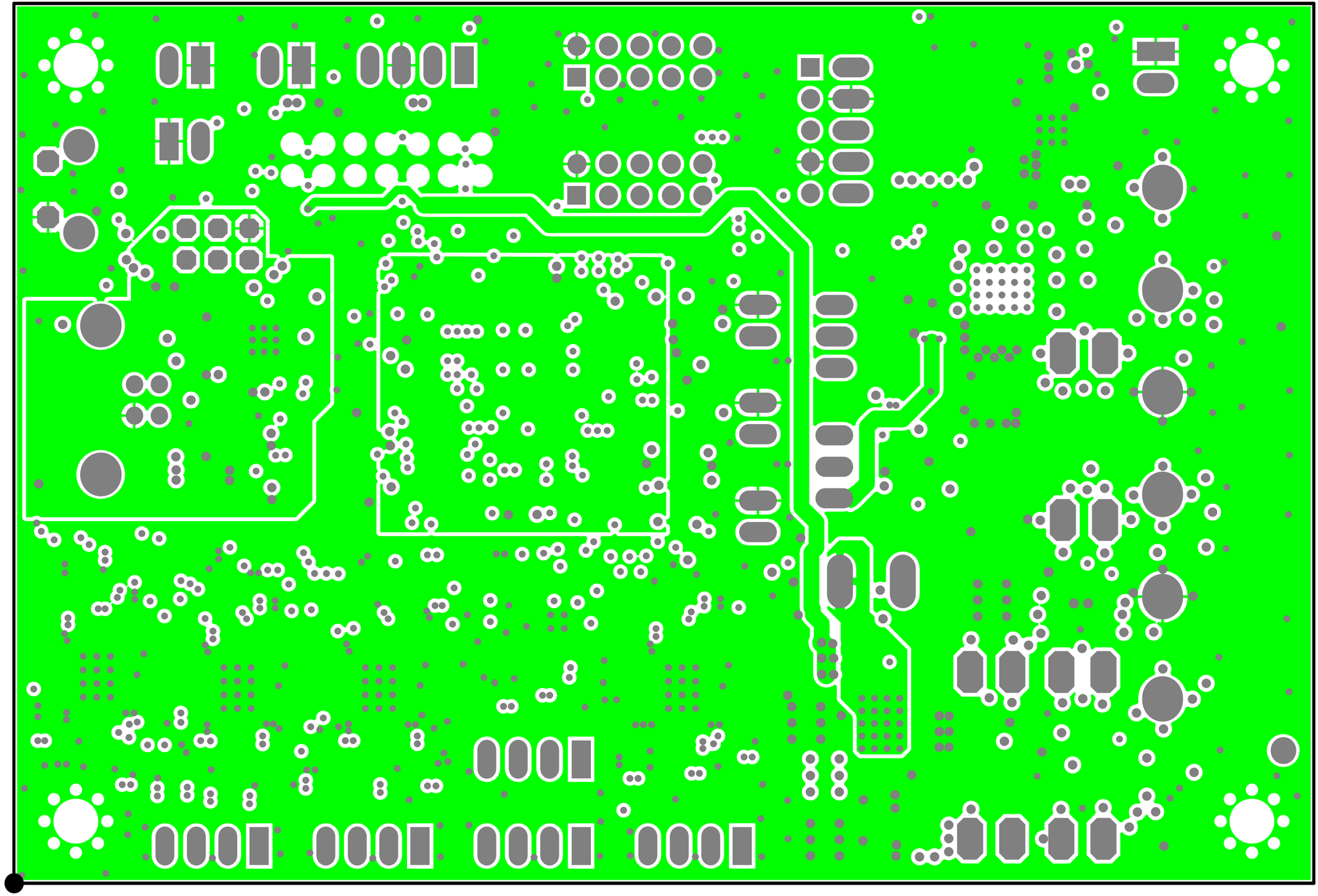
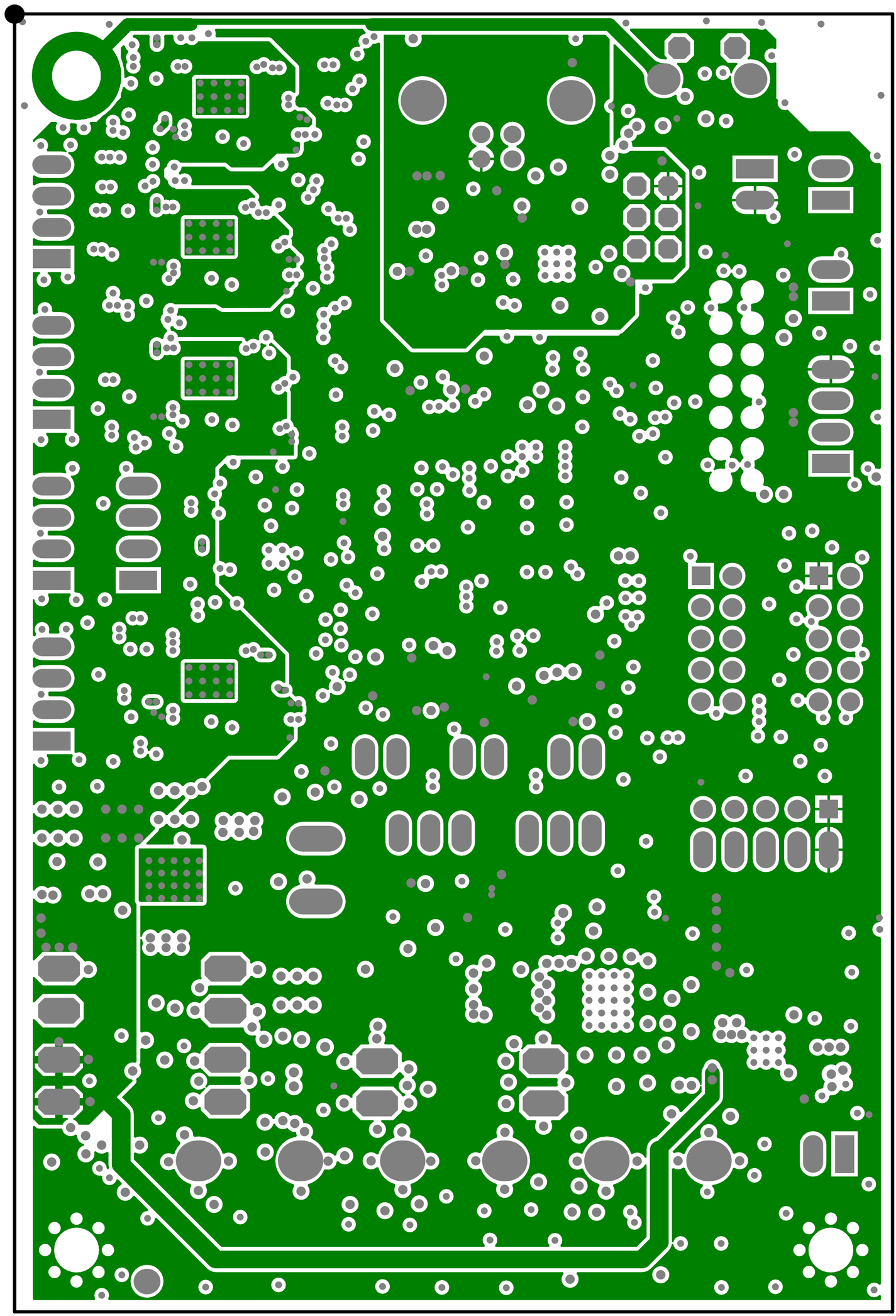
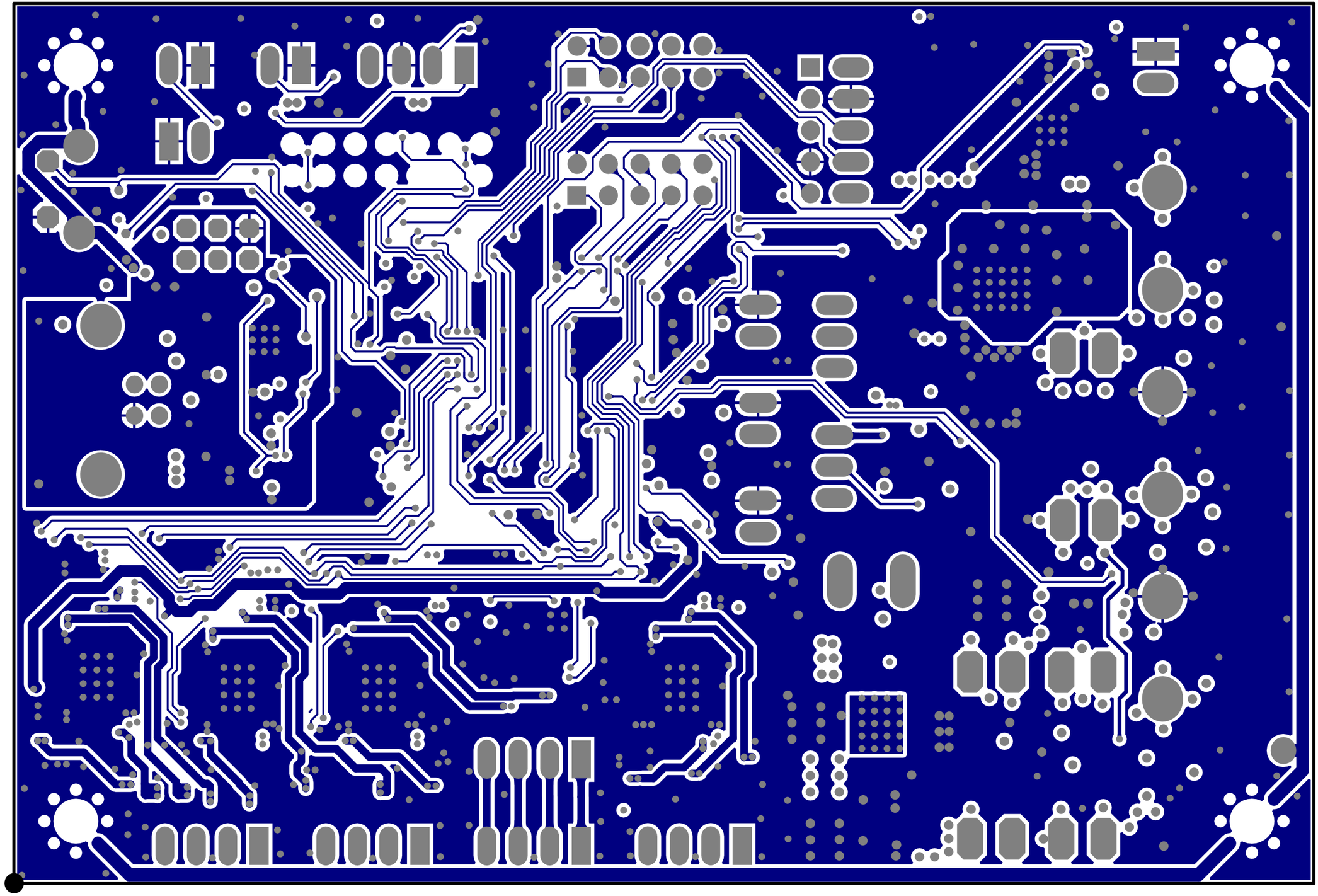
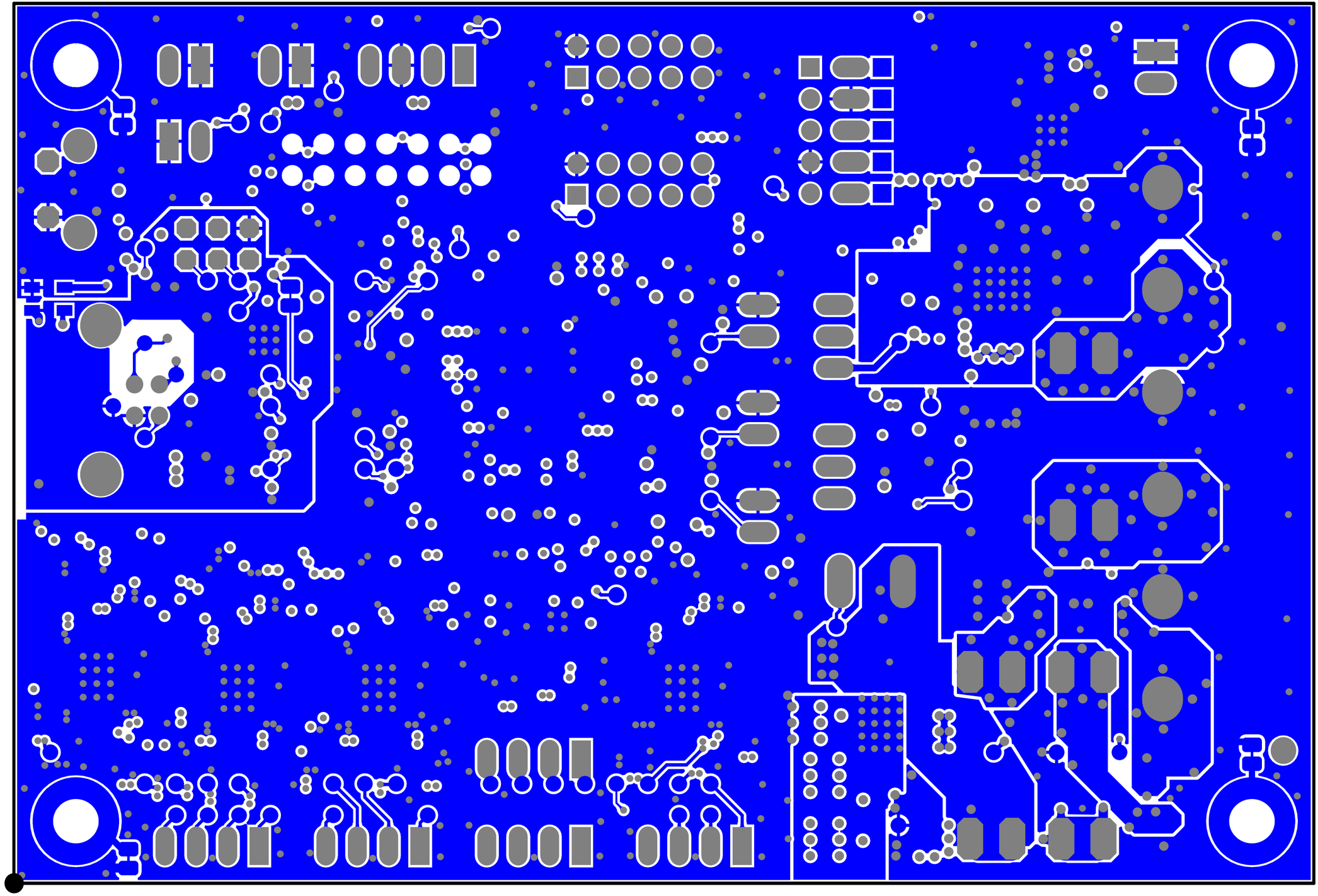


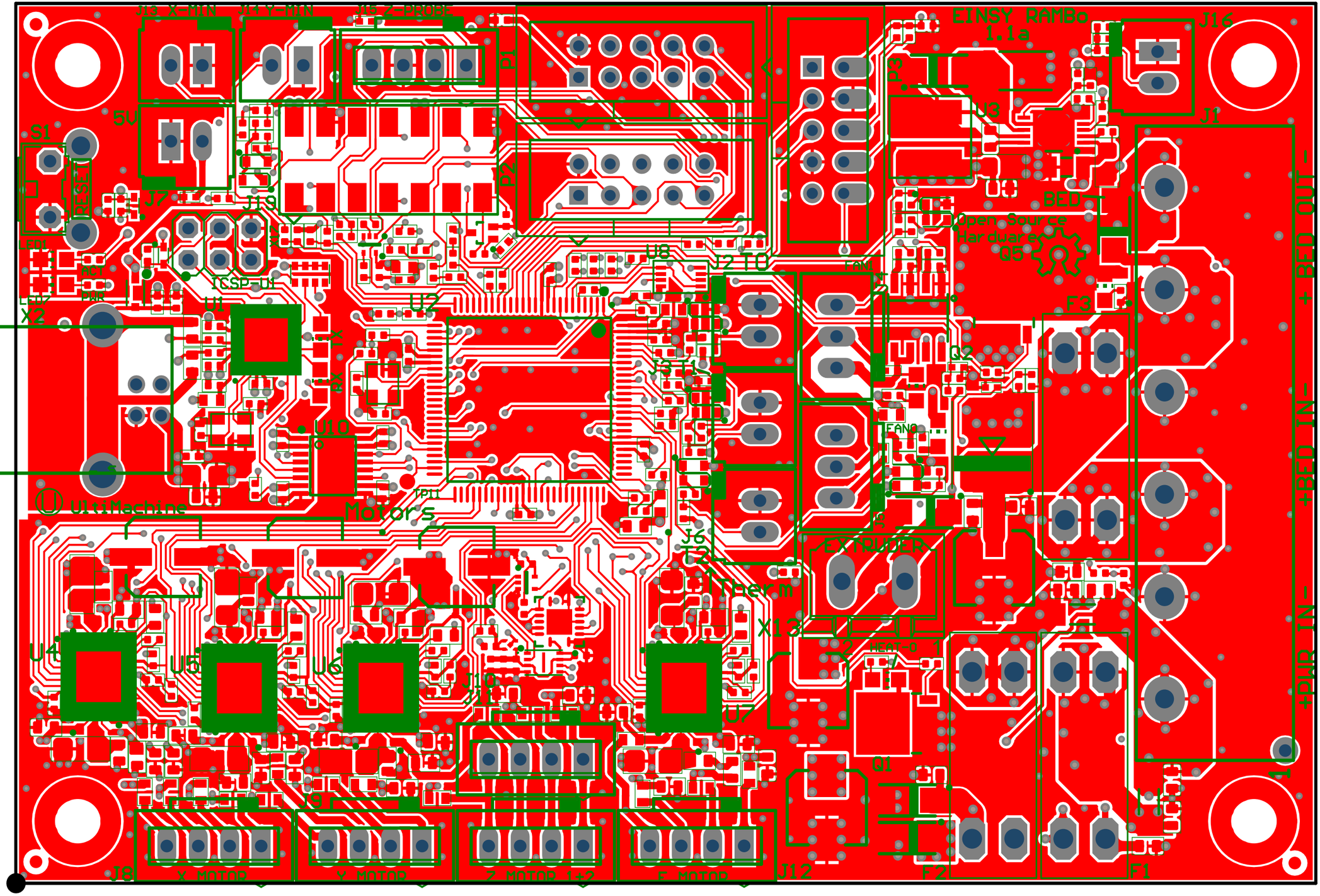


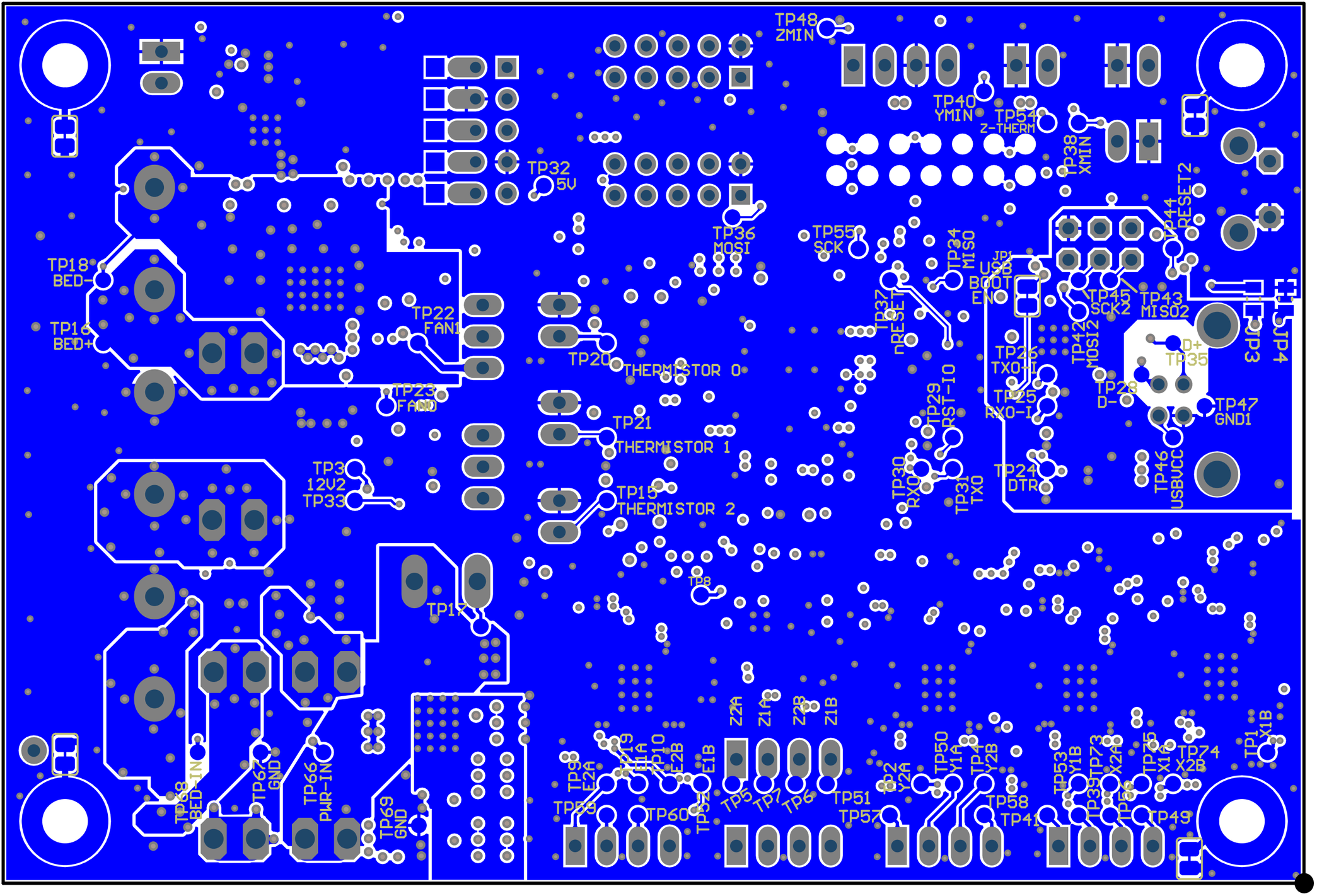
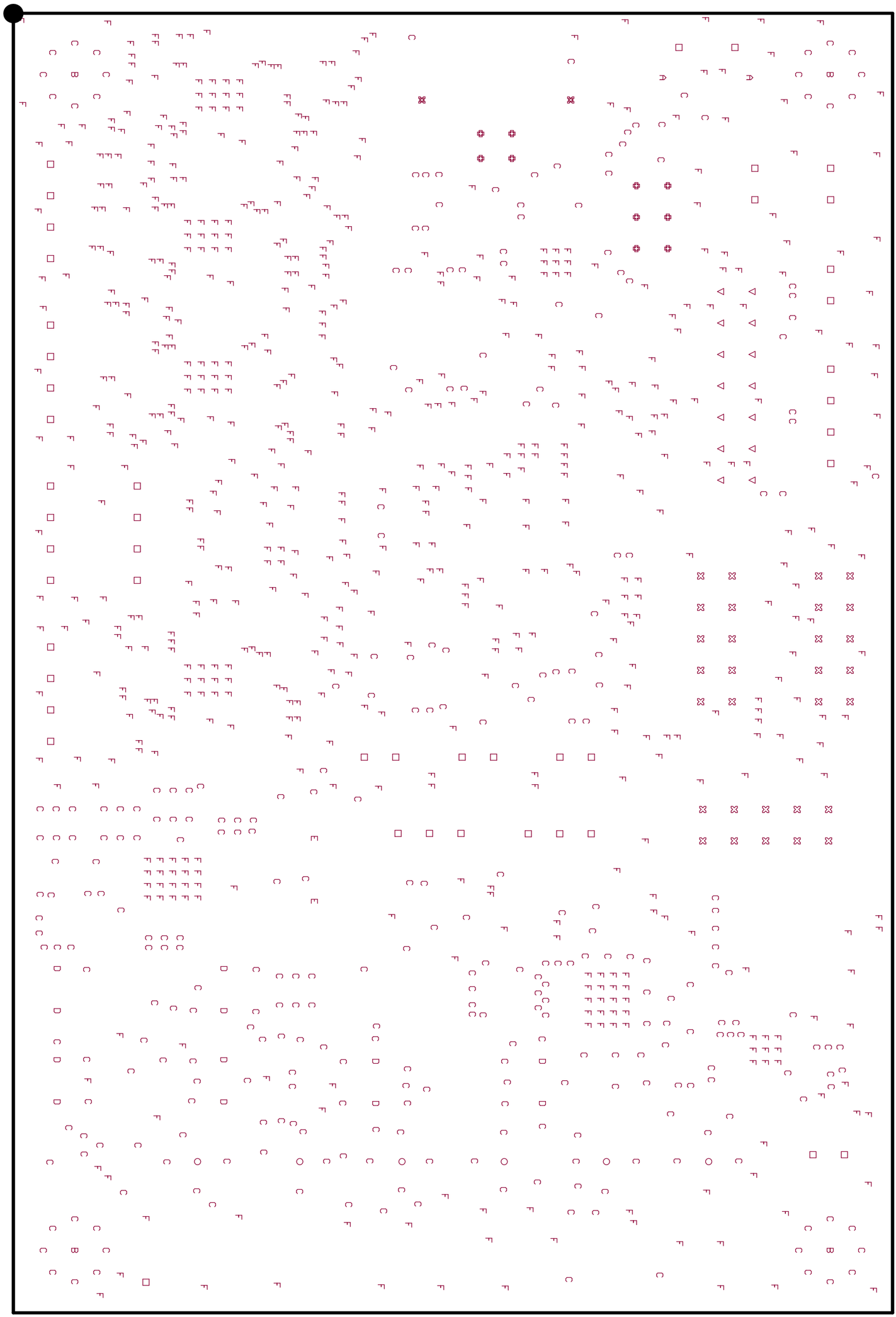









EINSY RAMBo
1.1a
J16
J1
J9 X-MIN
J14 Y-MIN
J15 Z-PROBE
5V
S1
J7
J19
J17
J18
U8
J2
U3
U0
BED
Open Source
Hardware
Q5
FAN
F3
Q2
U1
U2
X2
U10
U11
UltiMachine
Motors
J3
J6
T2
Therm
EXTRUDER
FAN0
J9
X13
U4
U5
U6
U7
Q1
J8
X MOTOR
Y MOTOR
Z MOTOR 1+2
E MOTOR
J12
F2
F1
+BED IN-
+BED OUT-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YMIN
TP54
Z-THERM
TP38
XMIN
TP32
5V
TP36
MOSI
TP55
SCK
TP24
MISO
JP1
USB
BOOT
EN
TP37
nRESET
TP44
RESET2
TP45
SCK2
TP43
MISO2
TP42
MOSI2
D+
TP35
JP3
JP4
TP18
BED-
TP16
BED+
TP22
FAN1
TP20
THERMISTOR 0
TP23
FAN0
TP21
THERMISTOR 1
TP15
THERMISTOR 2
TP26
TXO-I
TP25
RXO-I
TP29
RST-IO
TP28
D-
TP47
GND1
TP3
12V2
TP33
TP30
RXO
TP31
TXO
TP24
DTR
TP46
USBVCC
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TP17
TP68
BED-IN
TP67
GND
TP66
PWR-IN
TP69
GND
TP9
E2A
TP19
E1A
TP10
E2B
TP52
E1B
Z2A
Z1A
Z2B
Z1B
TP5
TP7
TP6
TP51
TP57
TP60
TP50
Y1A
TP4
Y2B
TP58
TP41
TP53
Y1B
TP73
X2A
TP75
X1A
TP74
X2B
TP49
TP1
X1B