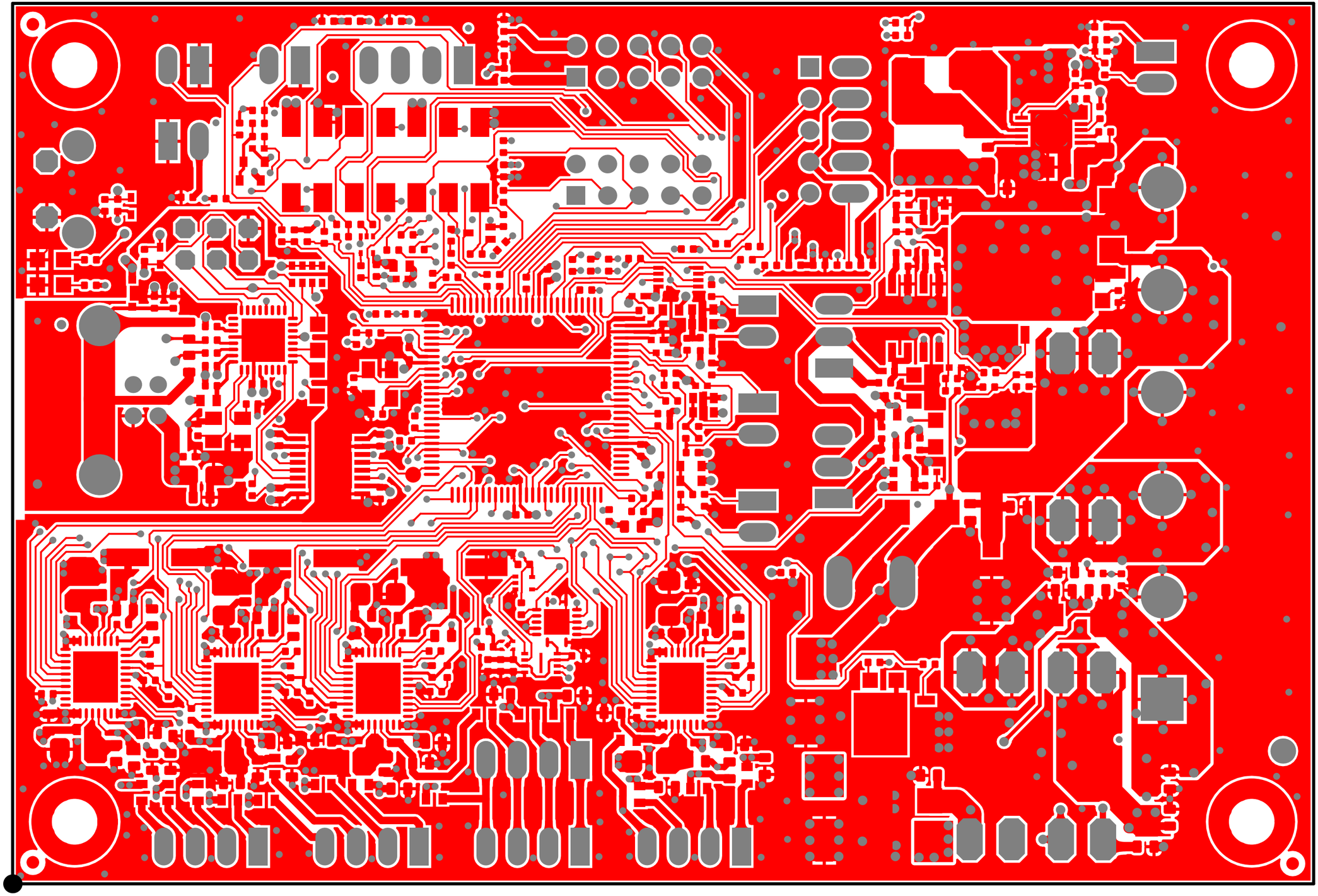
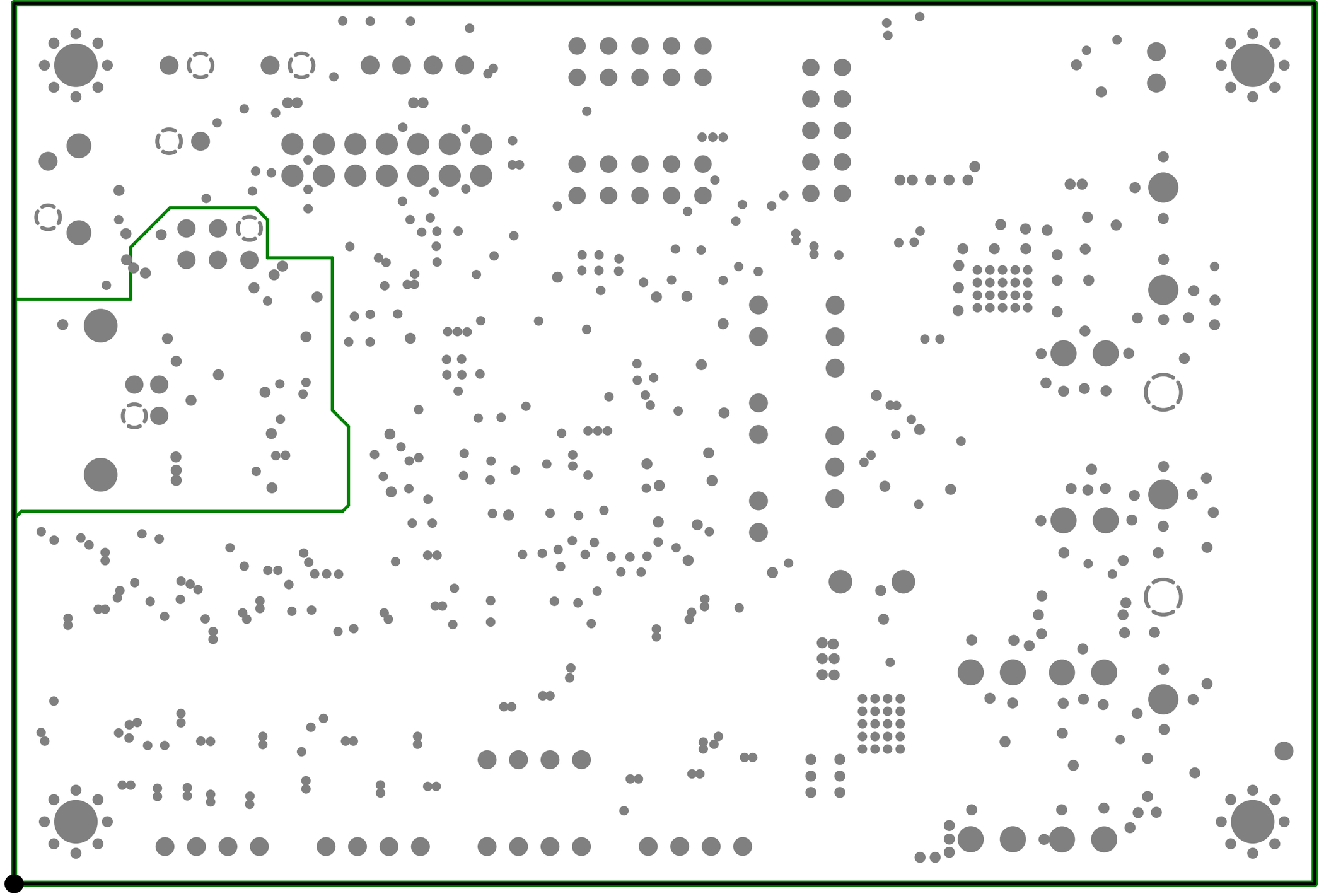
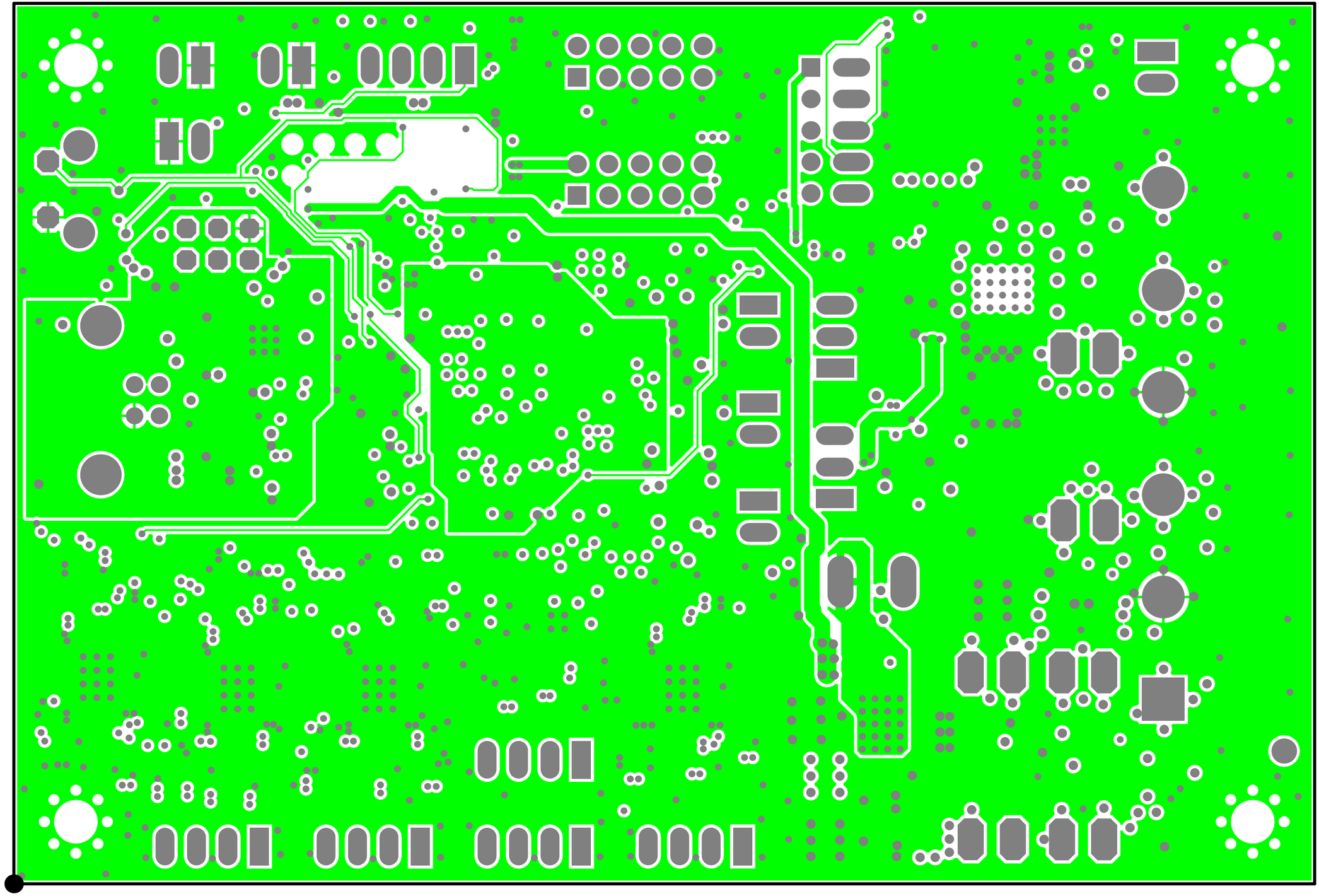
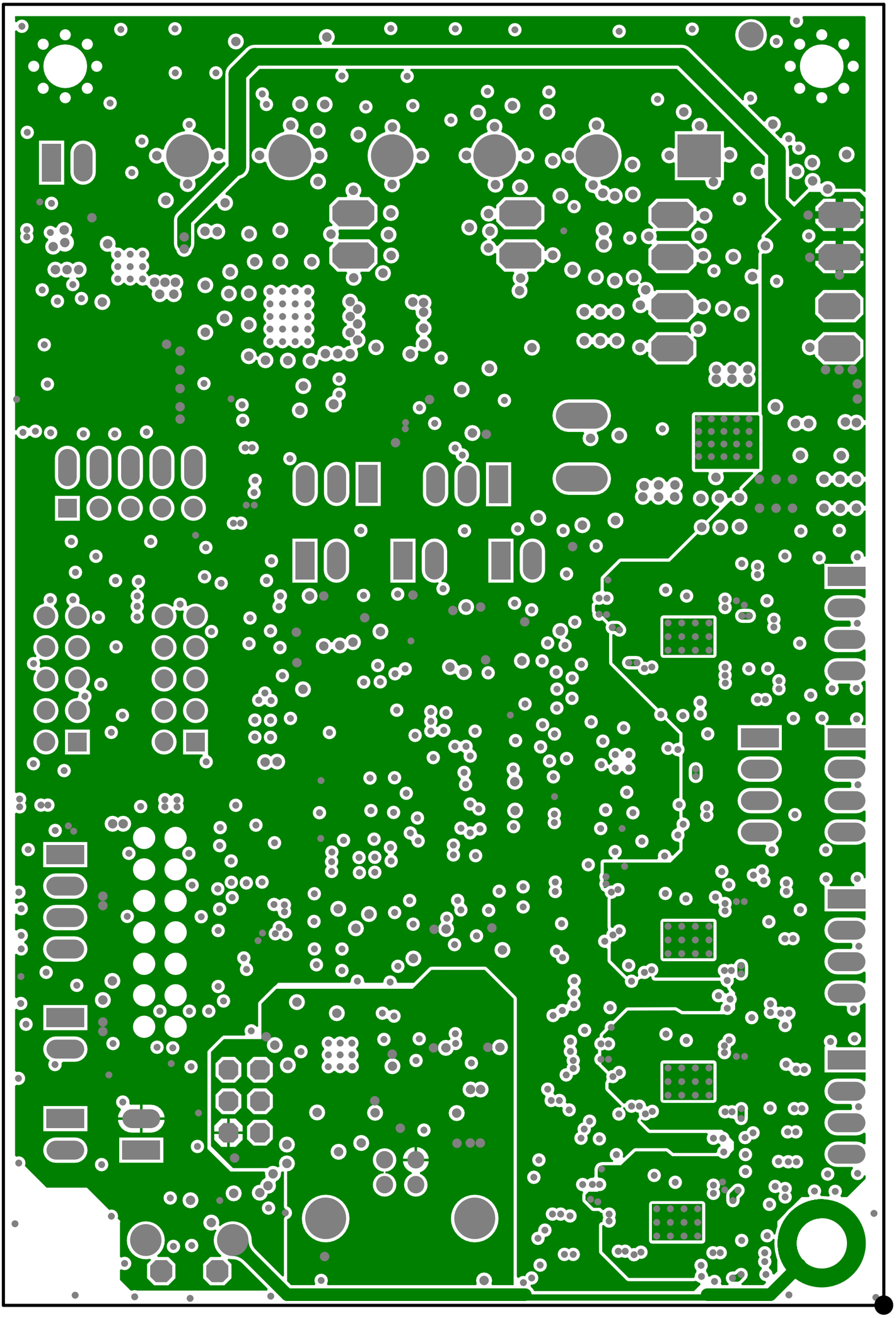
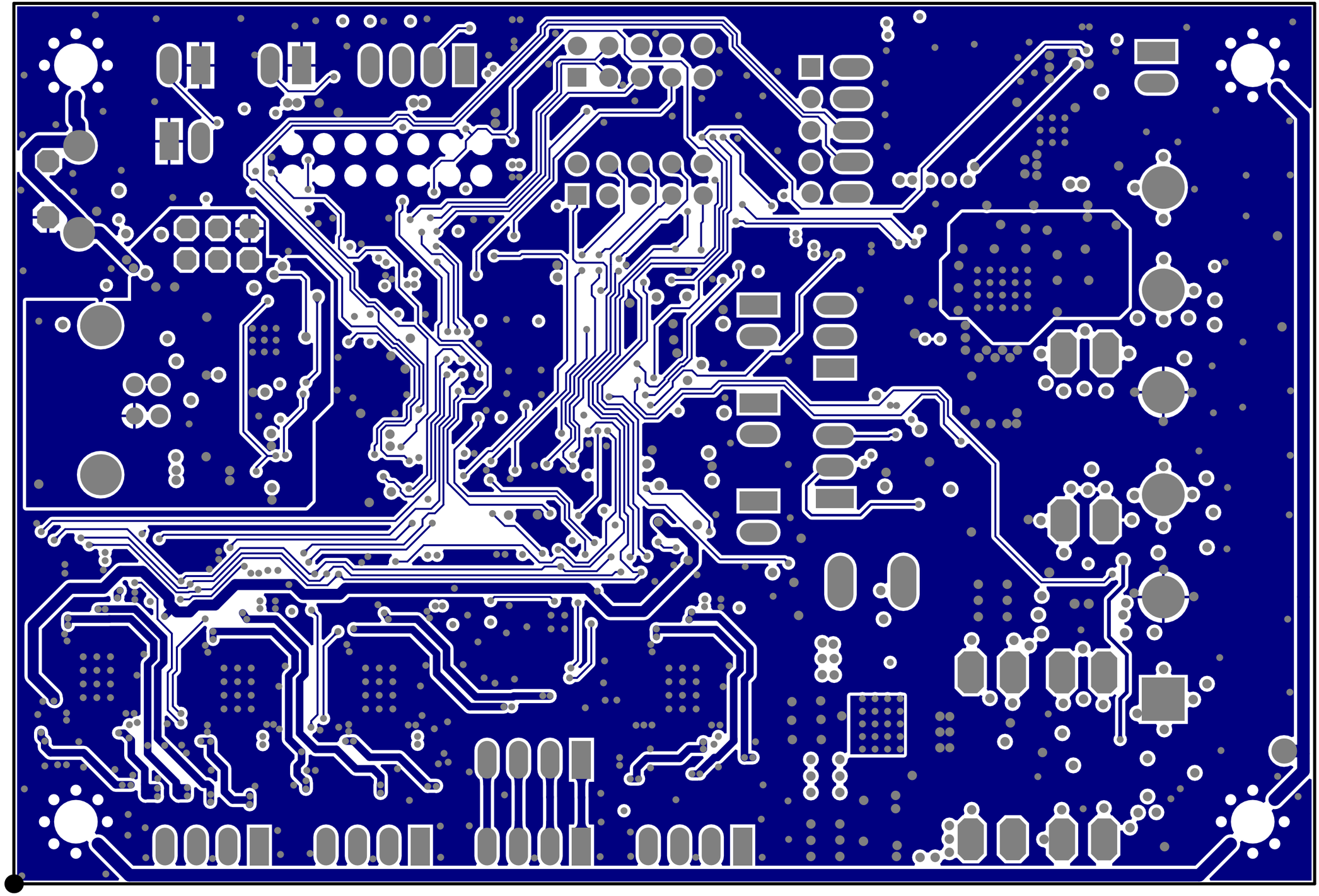
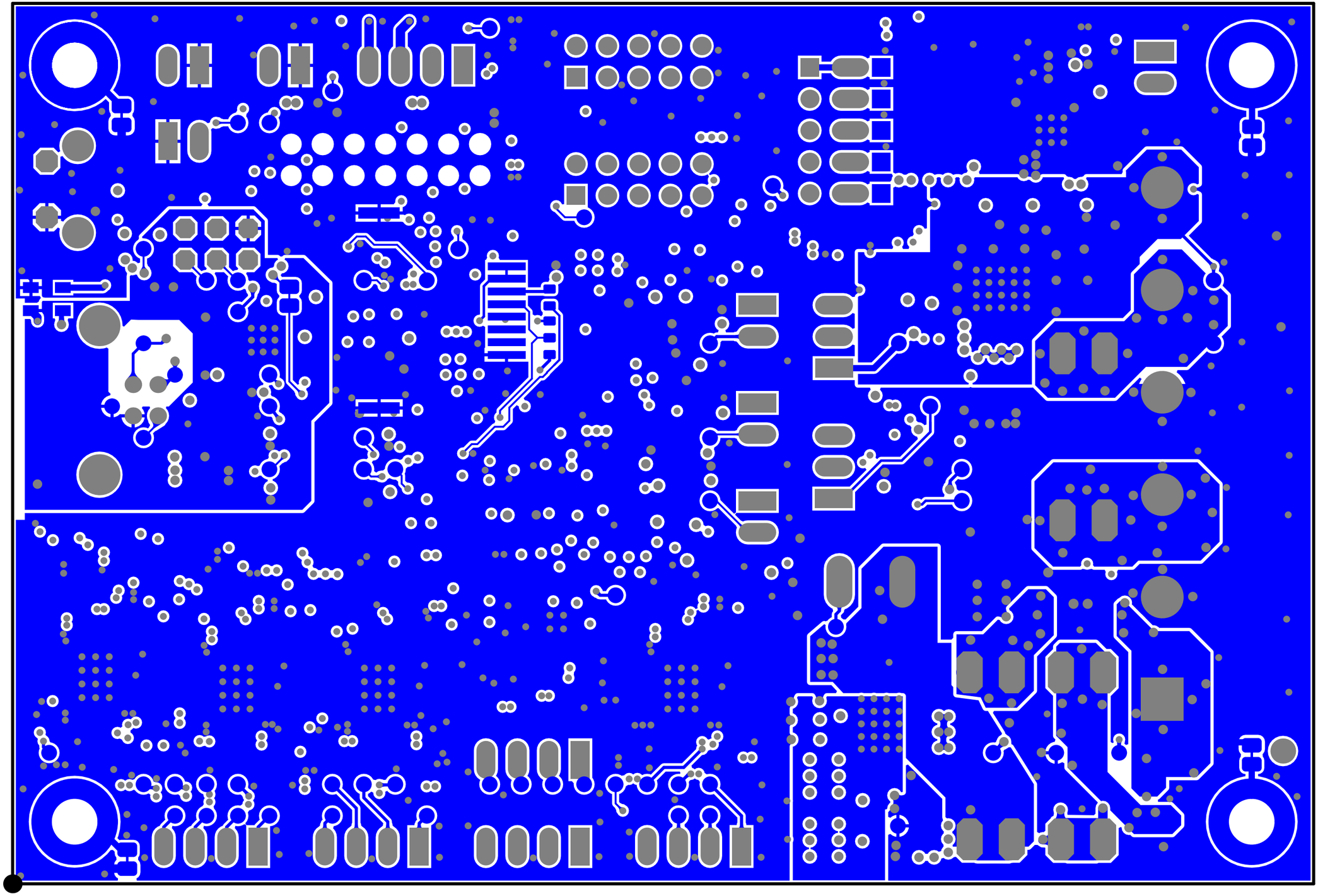


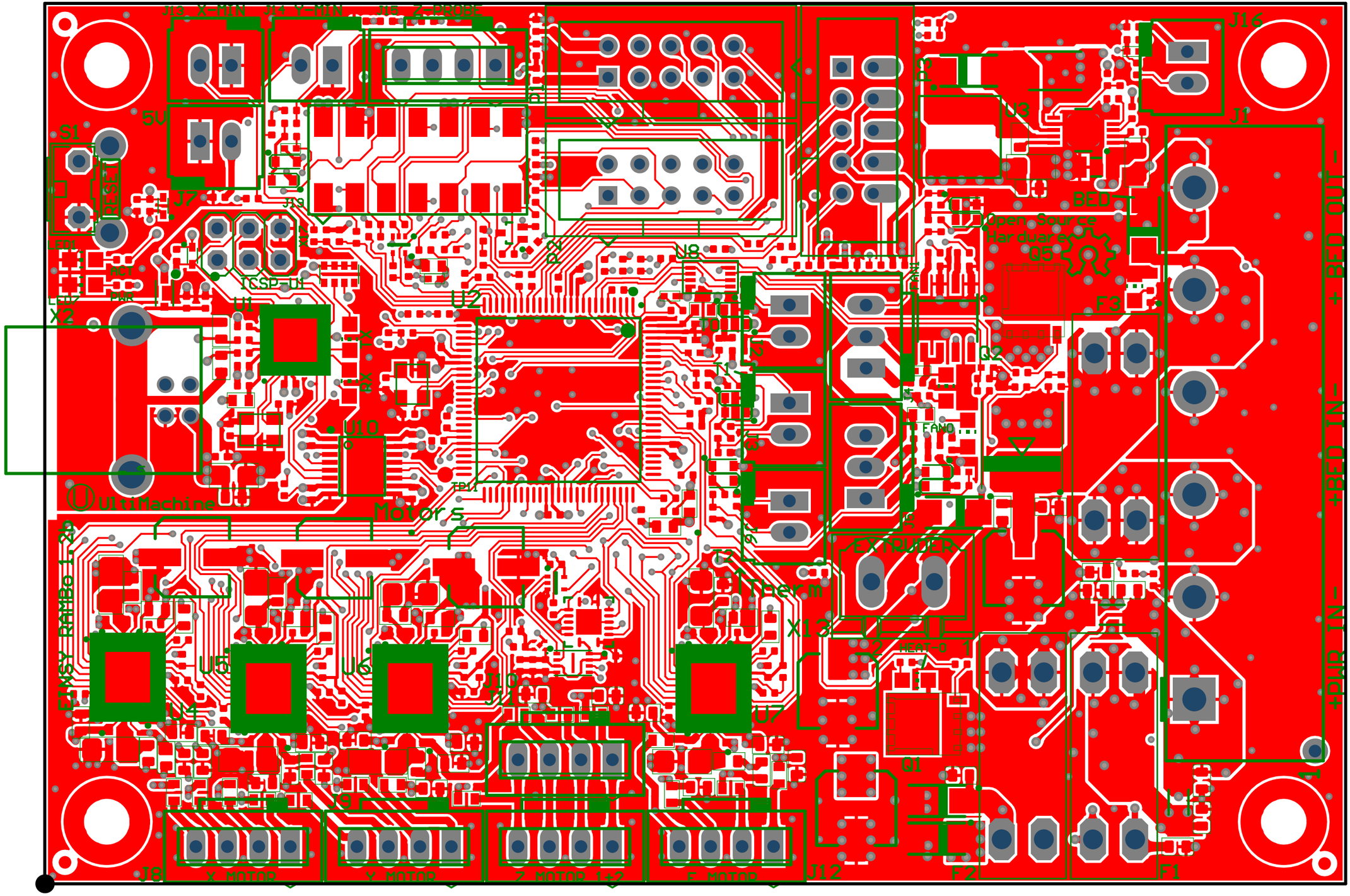


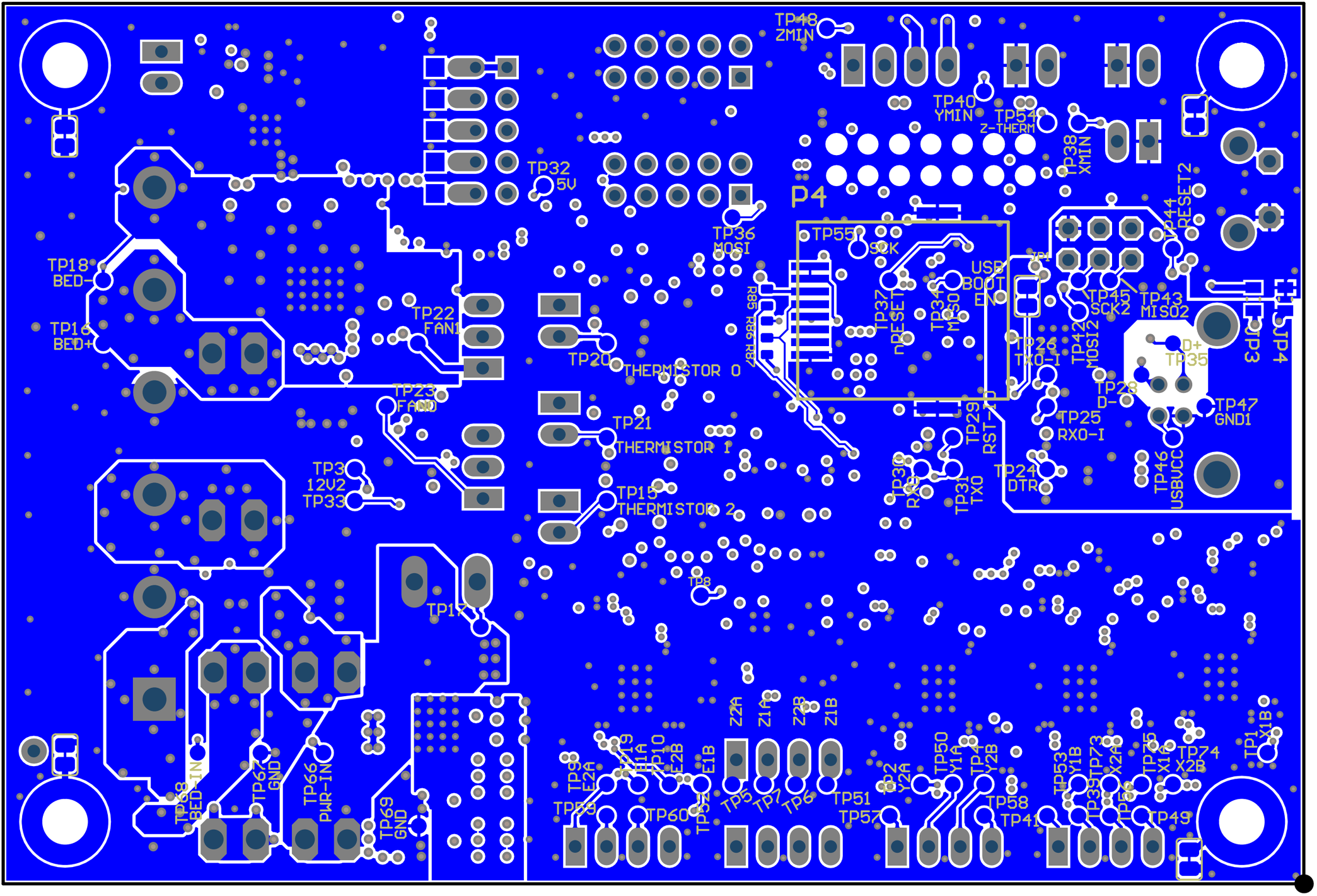
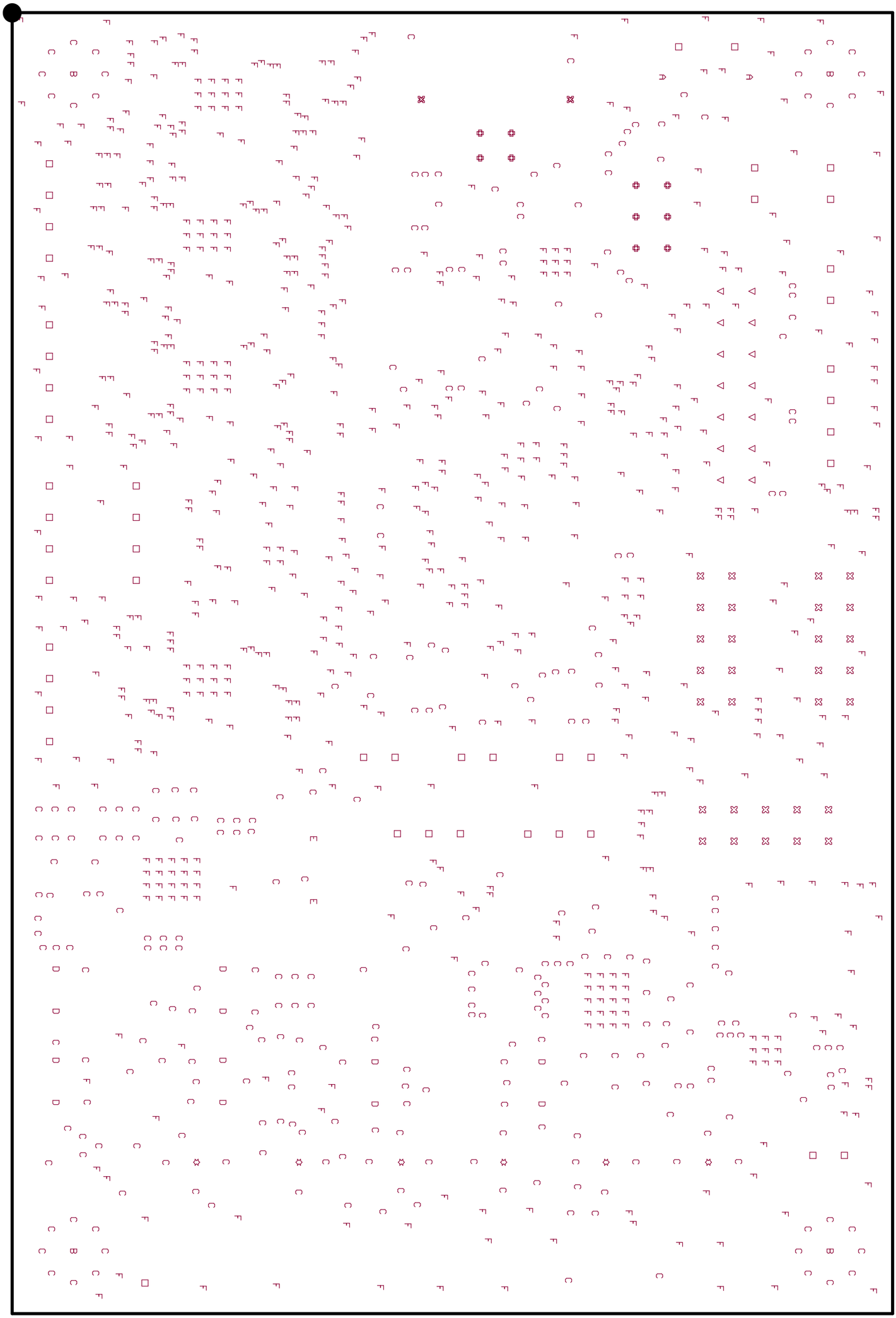









J16 X-MIN
J14 Y-MIN
J15 Z-PROBE
5V
S1
J7
J19
LED1
AUX
PWR
X2
TCSP
U1
U2
U8
U10
TP11
UltiMachine
Motors
U3
Q4
T1
T3
T2
Thermistor
X13
HEAT-0
EXTRUDER
FAN0
Q2
Q5
Open Source
Hardware
BED
F3
J1
J16
+BED IN-
+BED OUT-
+PWR IN-
GND
Q1
C0
F2
F1
J12
FLASHY RAMBo 1
U4
U5
U6
U7
J9
J10
J8
X MOTOR
Y MOTOR
Z MOTOR 1+2
E MOTOR


TP48
ZMIN
TP40
YMIN
TP54
Z-THERM
TP38
XMIN
TP32
5V
P4
TP36
MOSI
TP55
SCK
USB
BOOT
EN
TP37
nRESET
TP34
MISO
TP44
RESET2
TP45
SCK2
TP43
MISO2
TP42
MOSI2
TP26
TXO-I
D+
TP35
TP28
D-
TP47
GND1
TP25
RXO-I
TP24
DTR
TP46
USBVCC
TP29
RST-I
TP31
TXO
TP30
RXI
R85
R86
R87
TP18
BED-
TP16
BED+
TP22
FAN1
TP23
FAN0
TP20
THERMISTOR 0
TP21
THERMISTOR 1
TP15
THERMISTOR 2
TP3
12V2
TP33
TP17
TP8
TP68
BED-IN
TP67
GND
TP66
PWR-IN
TP69
GND
TP9
E2A
TP19
E1A
TP10
E2B
TP52
E1B
TP59
TP60
TP5
TP7
TP6
Z2A
Z1A
Z2B
Z1B
TP51
TP57
TP2
Y2A
TP50
Y1A
TP4
Y2B
TP58
TP41
TP53
Y1B
TP39
TP73
X2A
TP56
TP75
X1A
TP74
X2B
TP49
TP1
X1B