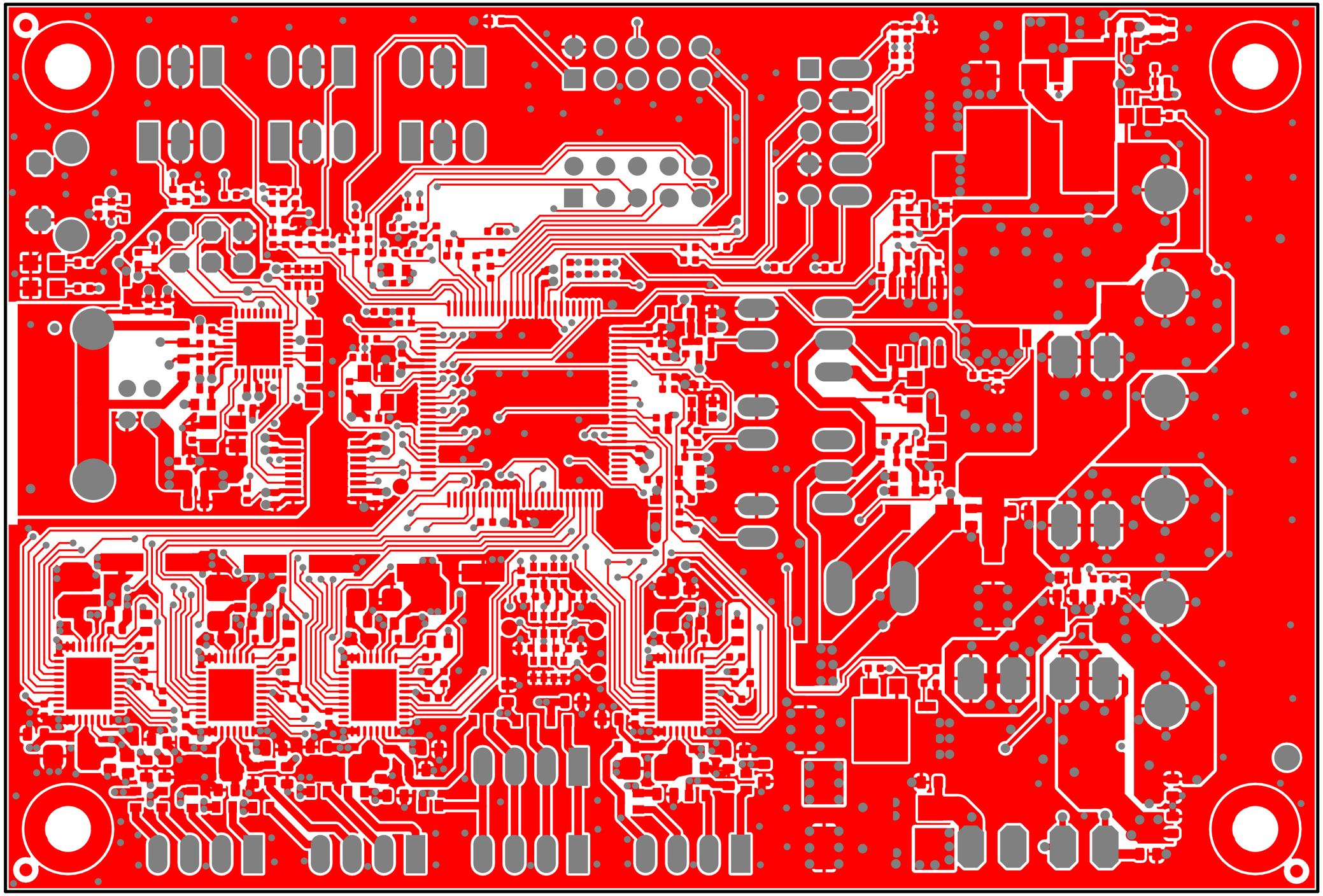
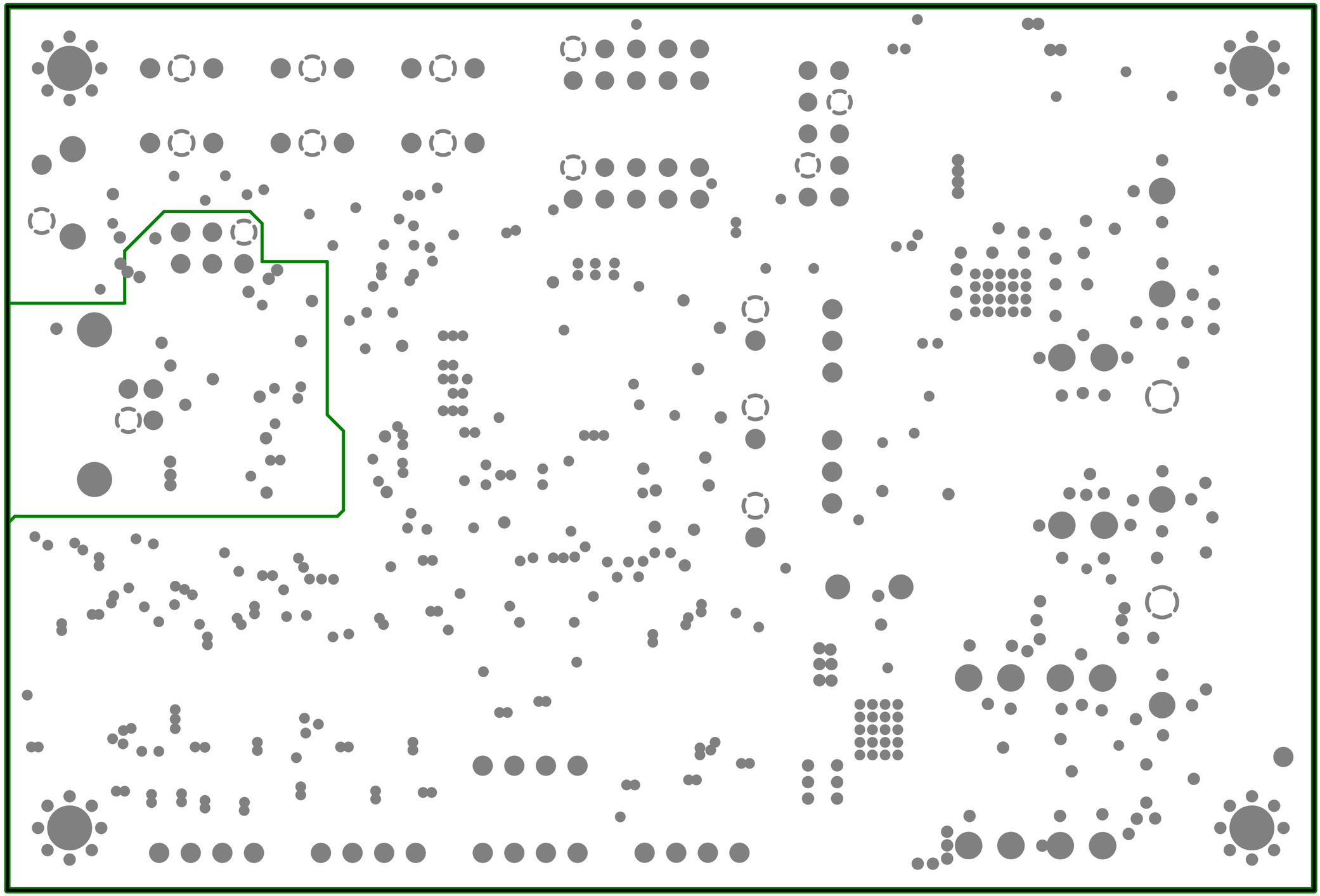
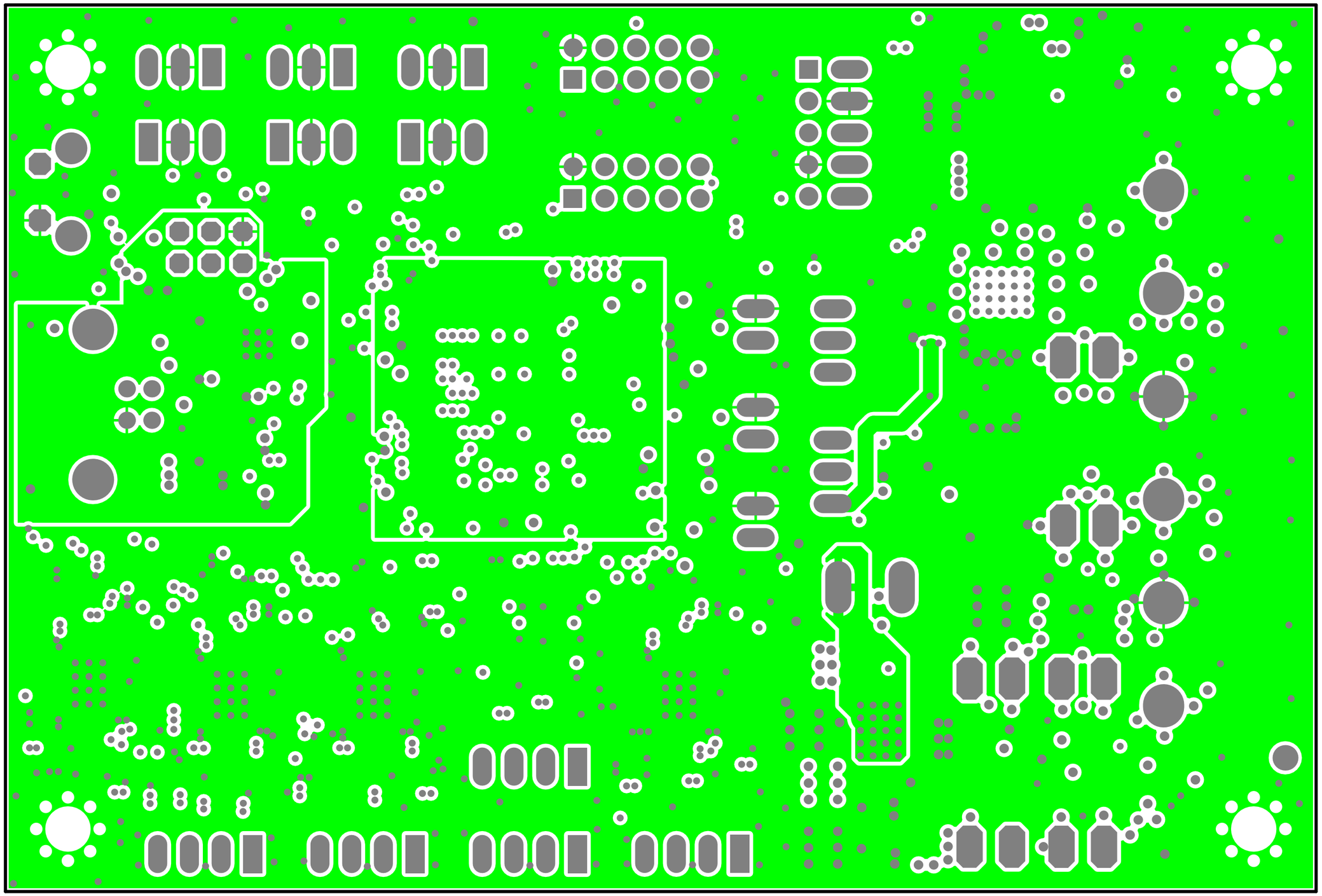
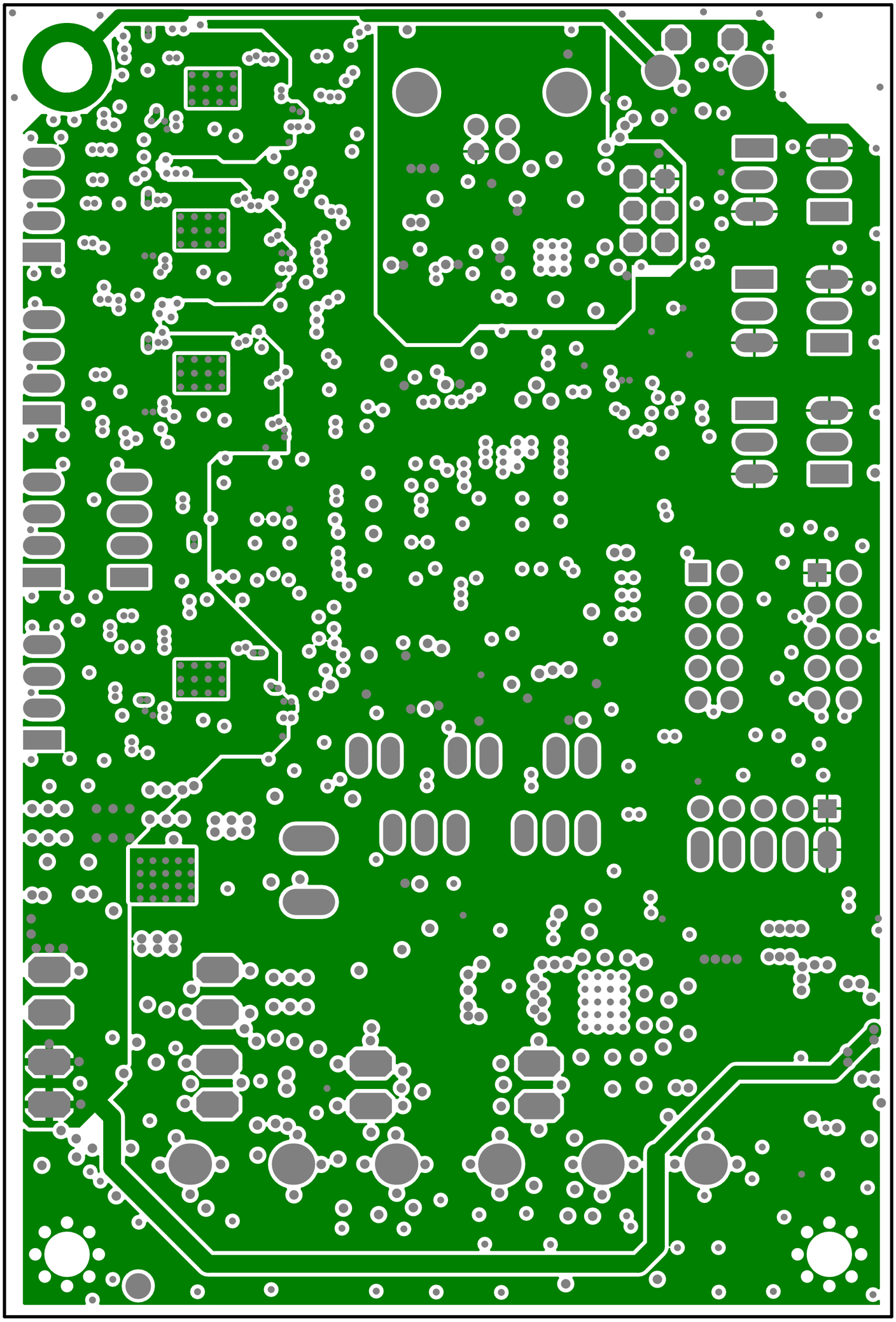
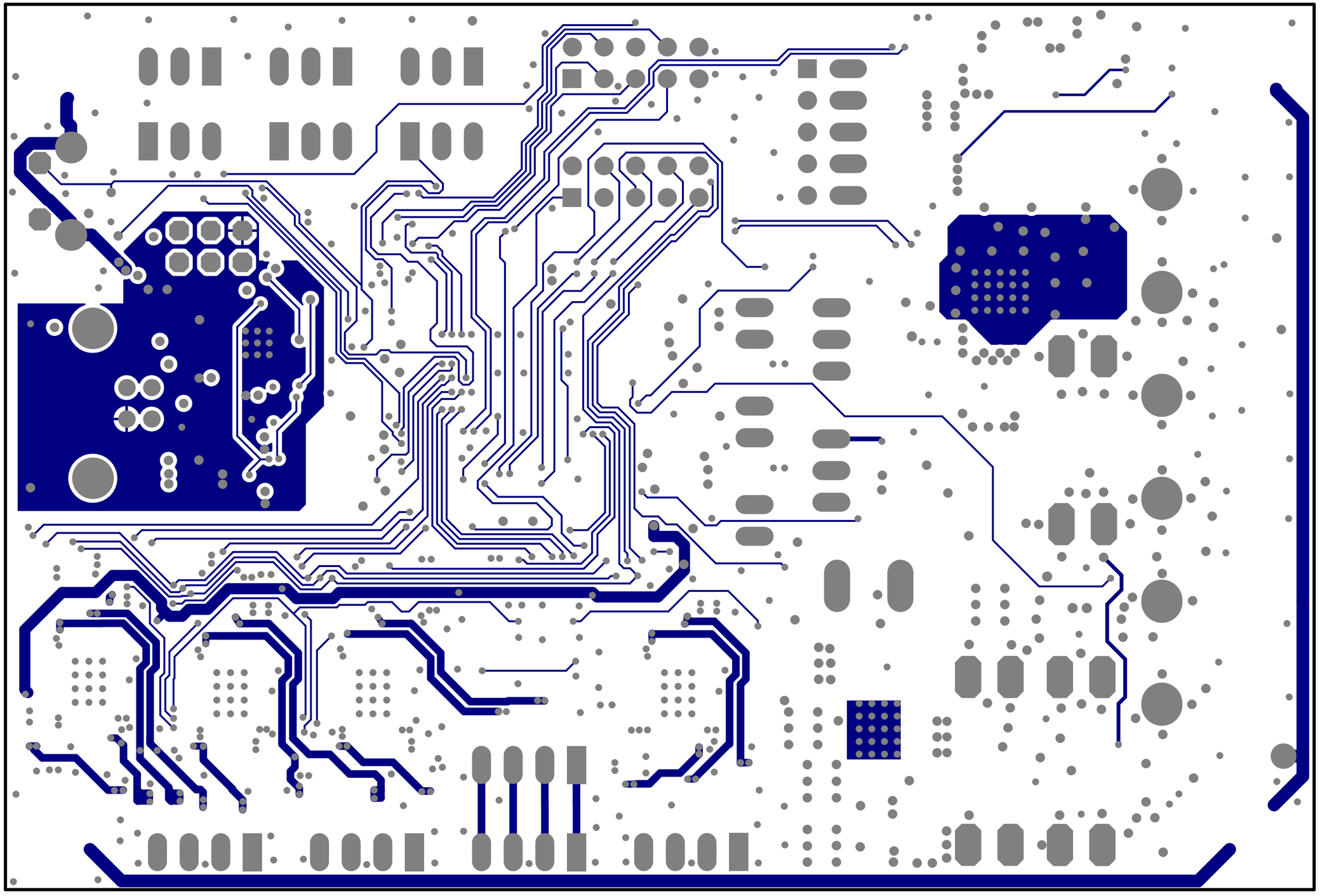
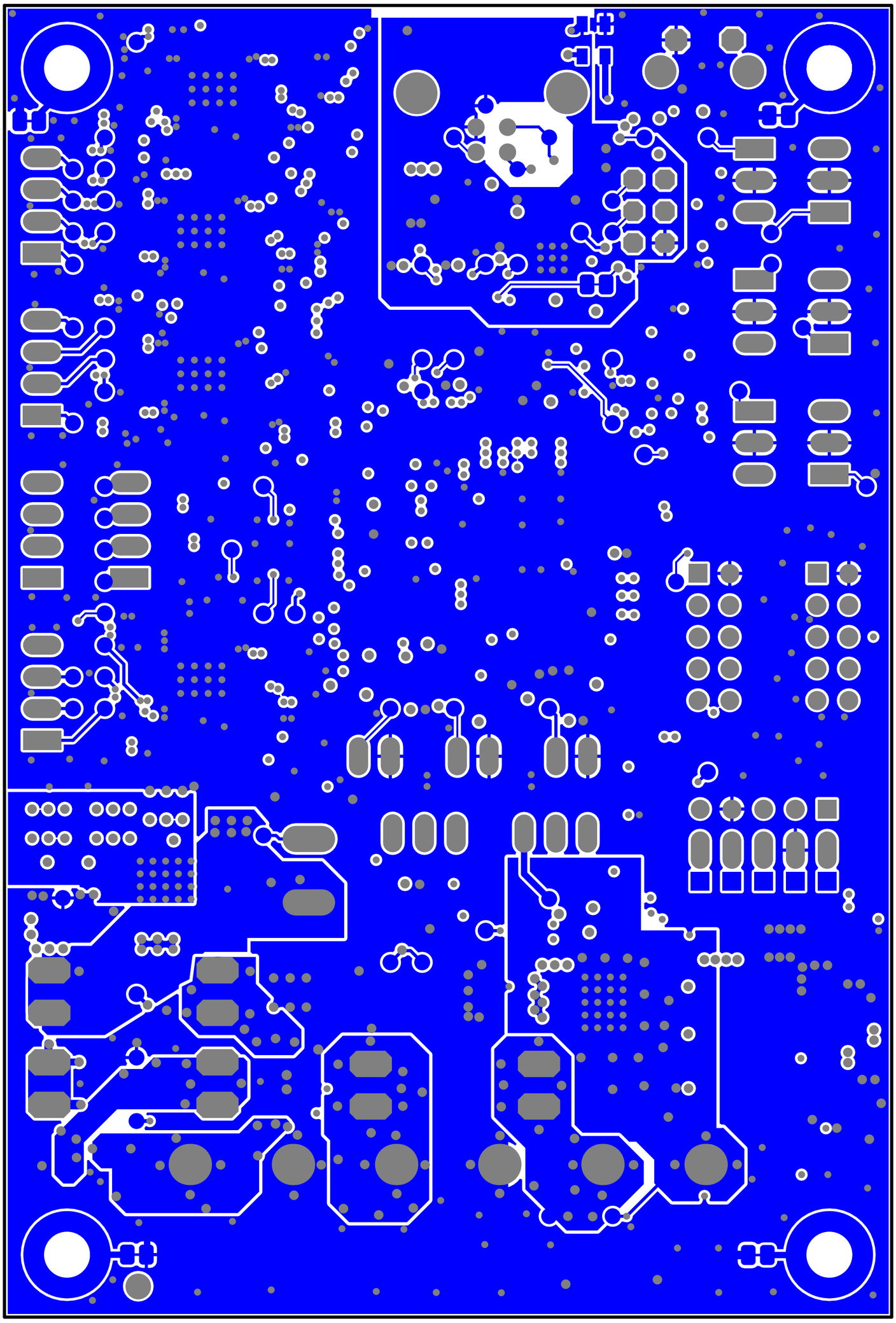


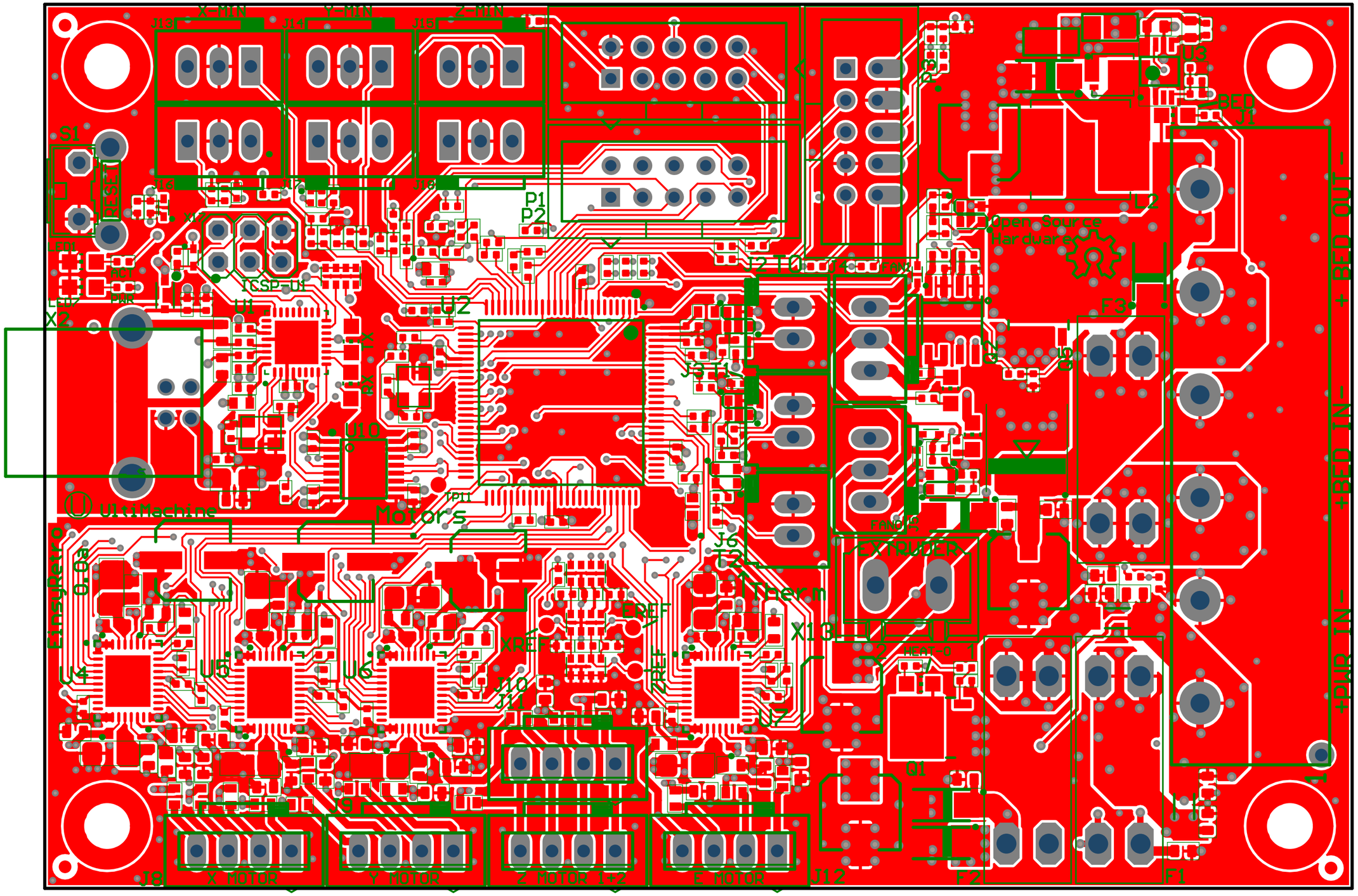


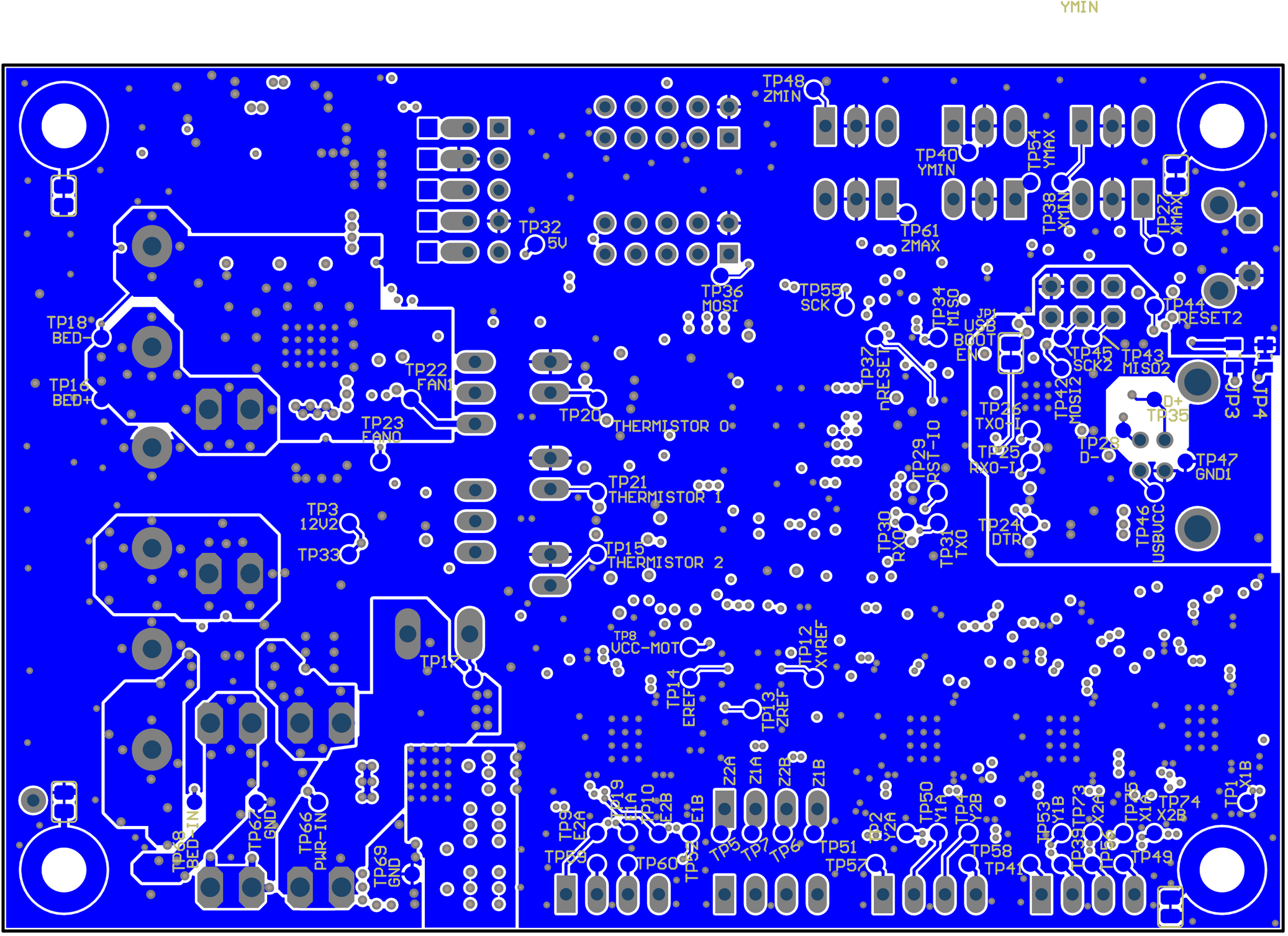
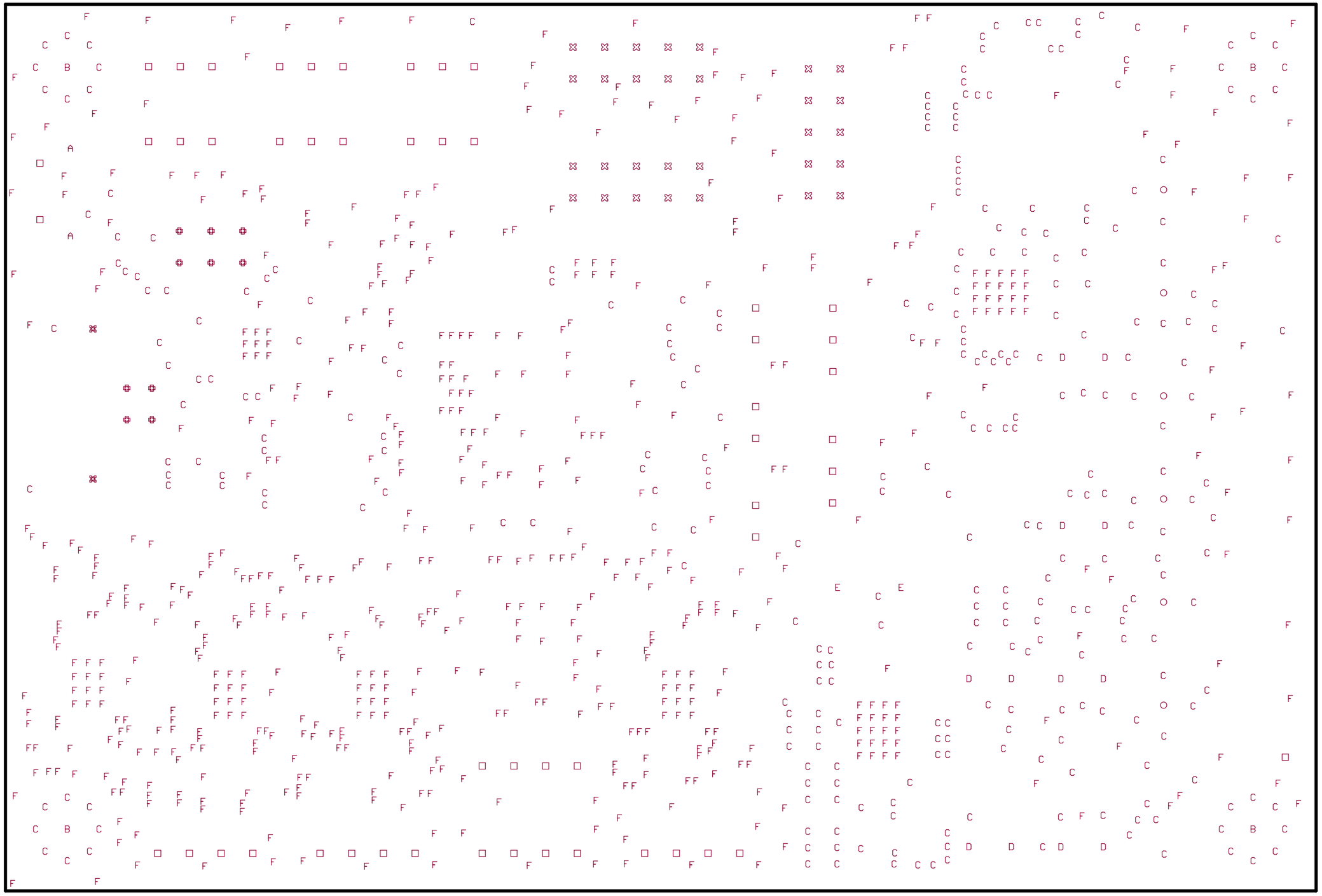









X-MIN
Y-MIN
Z-MIN
J13
J14
J15
S1
RESET
LED1
PWR
X2
ICSP-U1
U1
U2
U10
U3
J3
J4
J6
T2
Motors
UltiMachine
Einsy Rev.a
U4
U5
U6
J10
J11
J7
J12
J9
XREF
EREF
TREF
Thermo
X13
HEAT-0
FAN0
EXTRUDER
Q1
C1
P1
P2
J2
J1
BED
Open Source Hardware
F3
F2
F1
+BED OUT-
+BED IN-
+PWR IN-
X MOTOR
Y MOTOR
Z MOTOR 1+2
E MOTOR
J8
J12


YMIN
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ZMIN
TP40
YMIN
TP54
YMAX
TP38
XMIN
TP27
XMAX
TP61
ZMAX
TP32
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TP36
MOSI
TP55
SCK
TP34
MISO
JP1
USB
BOOT
EN
TP44
RESET2
TP18
BED-
TP16
BED+
TP22
FAN1
TP23
FAN0
TP20
THERMISTOR 0
TP37
nRESET
TP45
SCK2
TP43
MISO2
TP42
MOSI2
D+
TP35
JP3
JP4
TP26
TXO-I
TP25
RXO-I
TP28
D-
TP47
GND1
TP29
RST-IO
TP21
THERMISTOR 1
TP3
12V2
TP33
TP15
THERMISTOR 2
TP30
RXO
TP31
TXO
TP24
DTR
TP46
USBVCC
TP8
VCC-MOT
TP12
XYREF
TP14
EREF
TP13
ZREF
TP17
Z2A
Z1A
Z2B
Z1B
TP9
E2A
TP19
E1A
TP10
E2B
E1B
TP50
Y1A
TP4
Y2B
TP53
Y1B
TP73
X2A
TP75
X1A
TP74
X2B
TP1
X1B
TP59
TP60
TP52
TP5
TP7
TP6
TP51
TP57
TP2
Y2A
TP58
TP41
TP39
TP56
TP49
TP68
BED-IN
TP67
GND
TP66
PWR-IN
TP69
GND