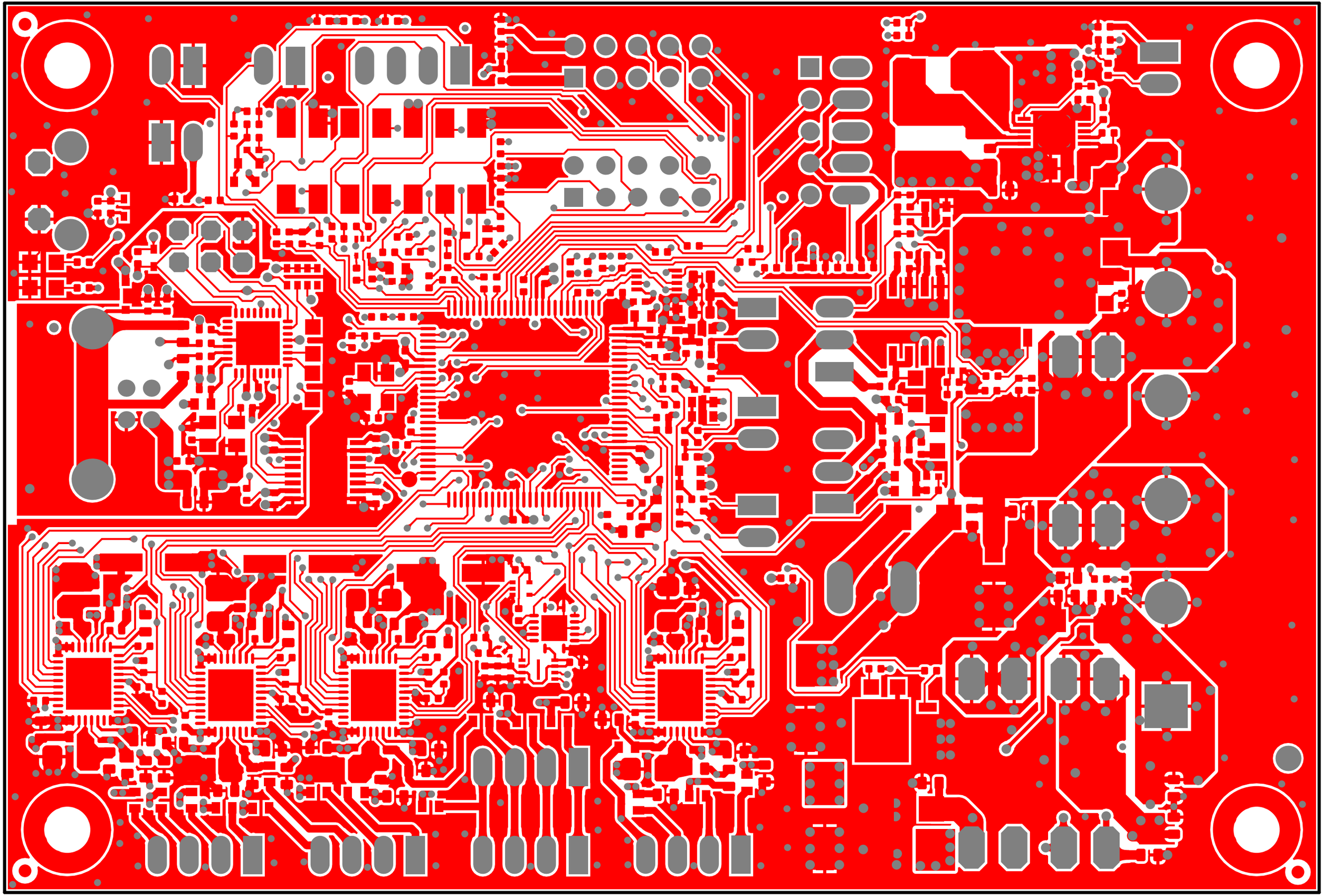
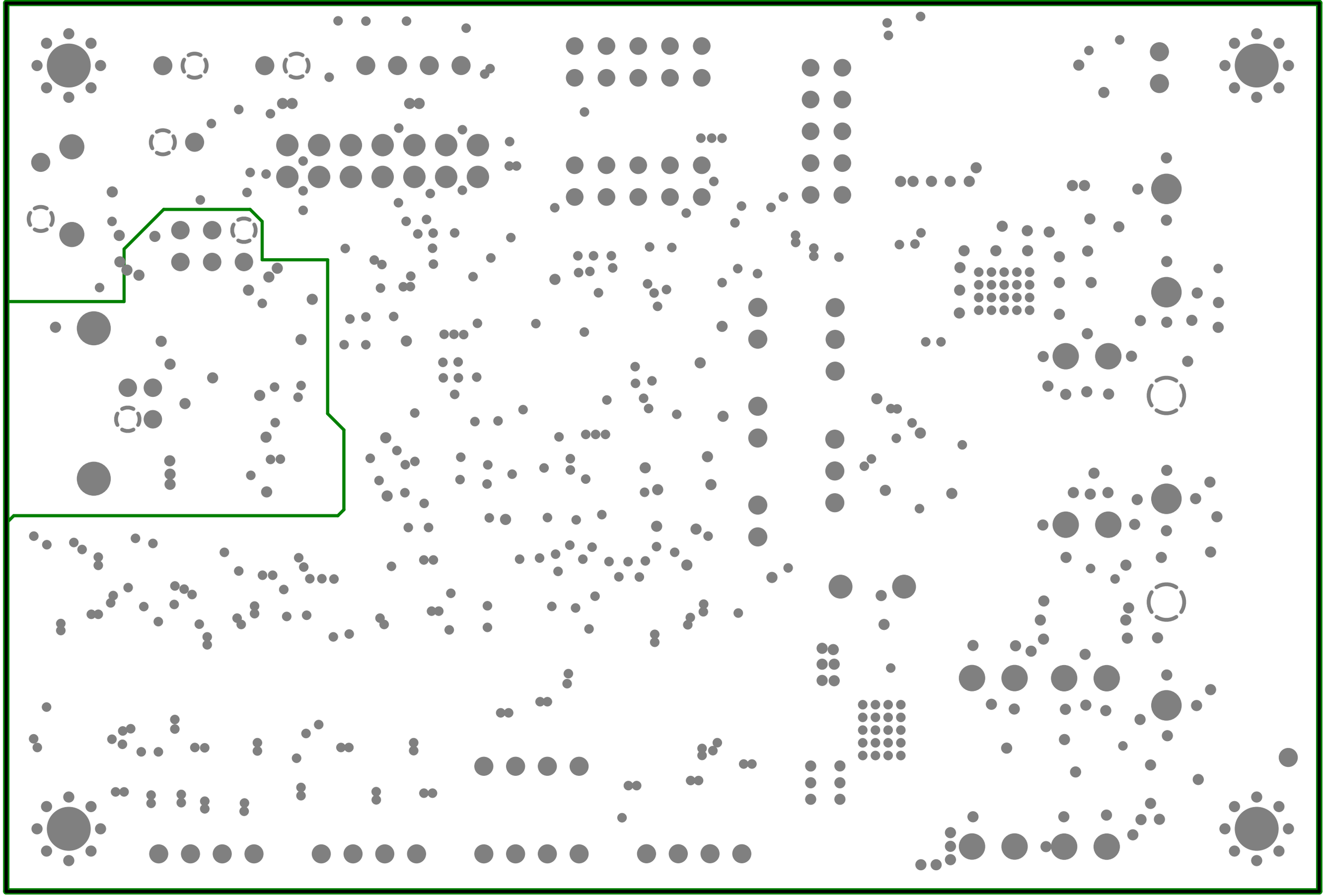
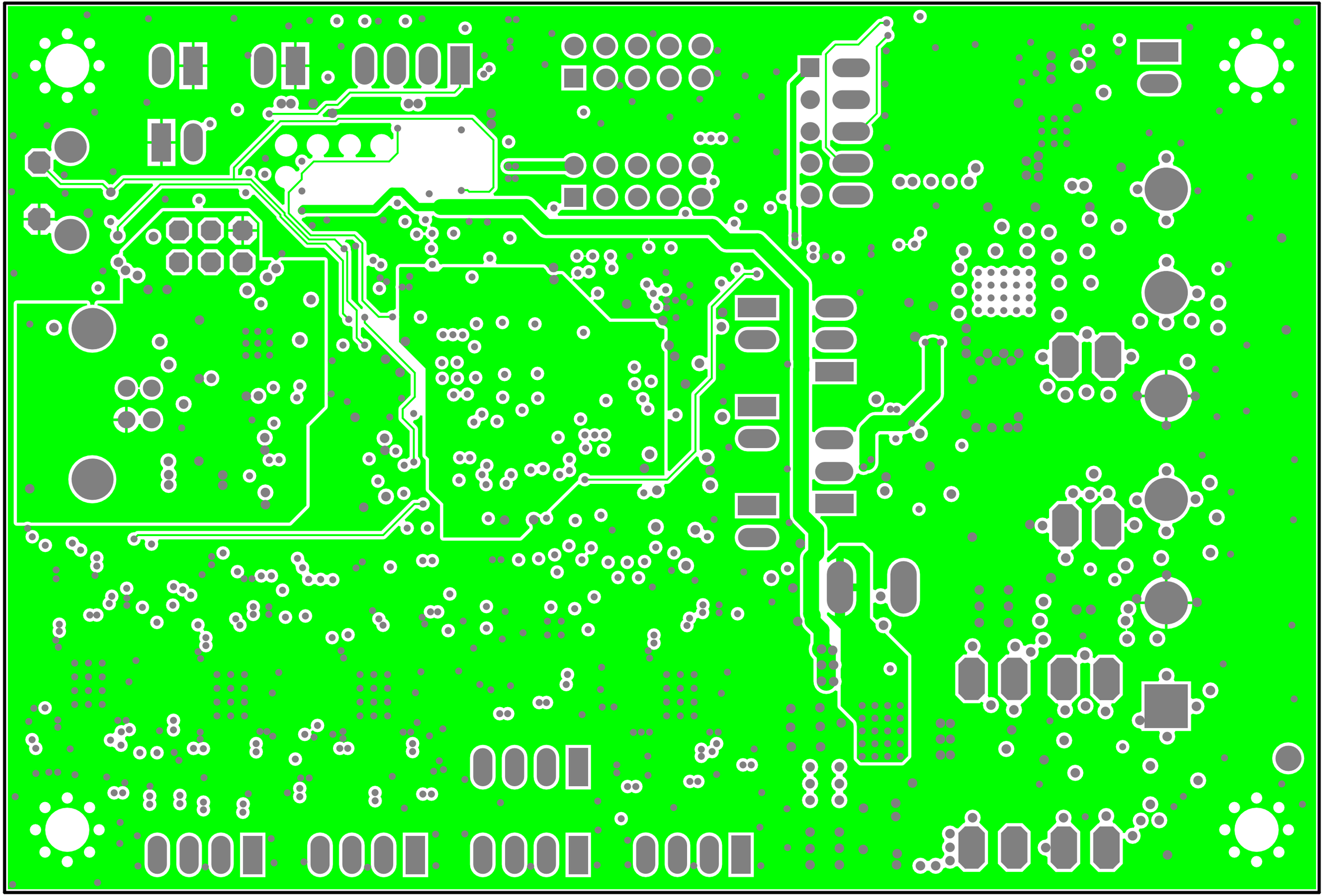
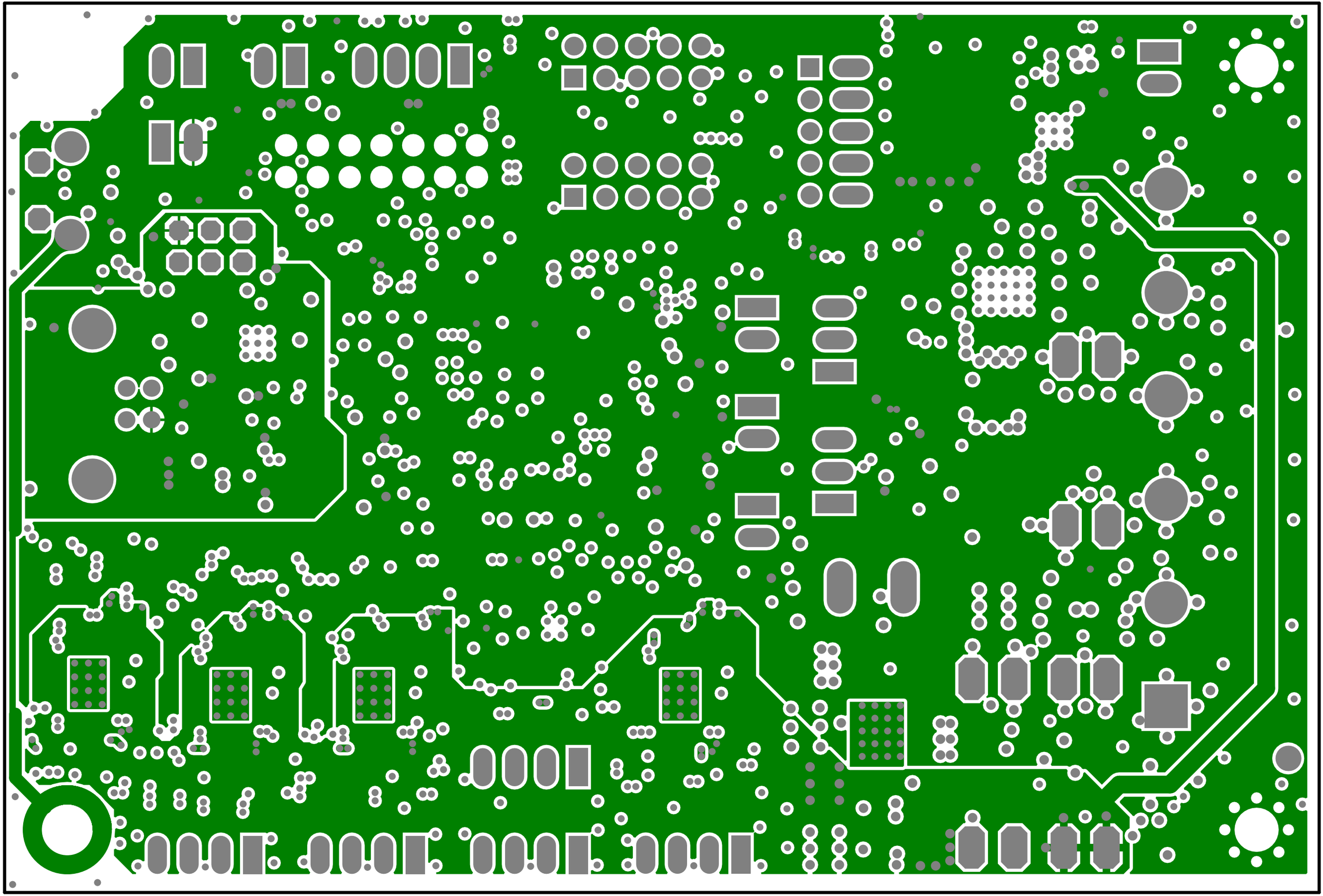
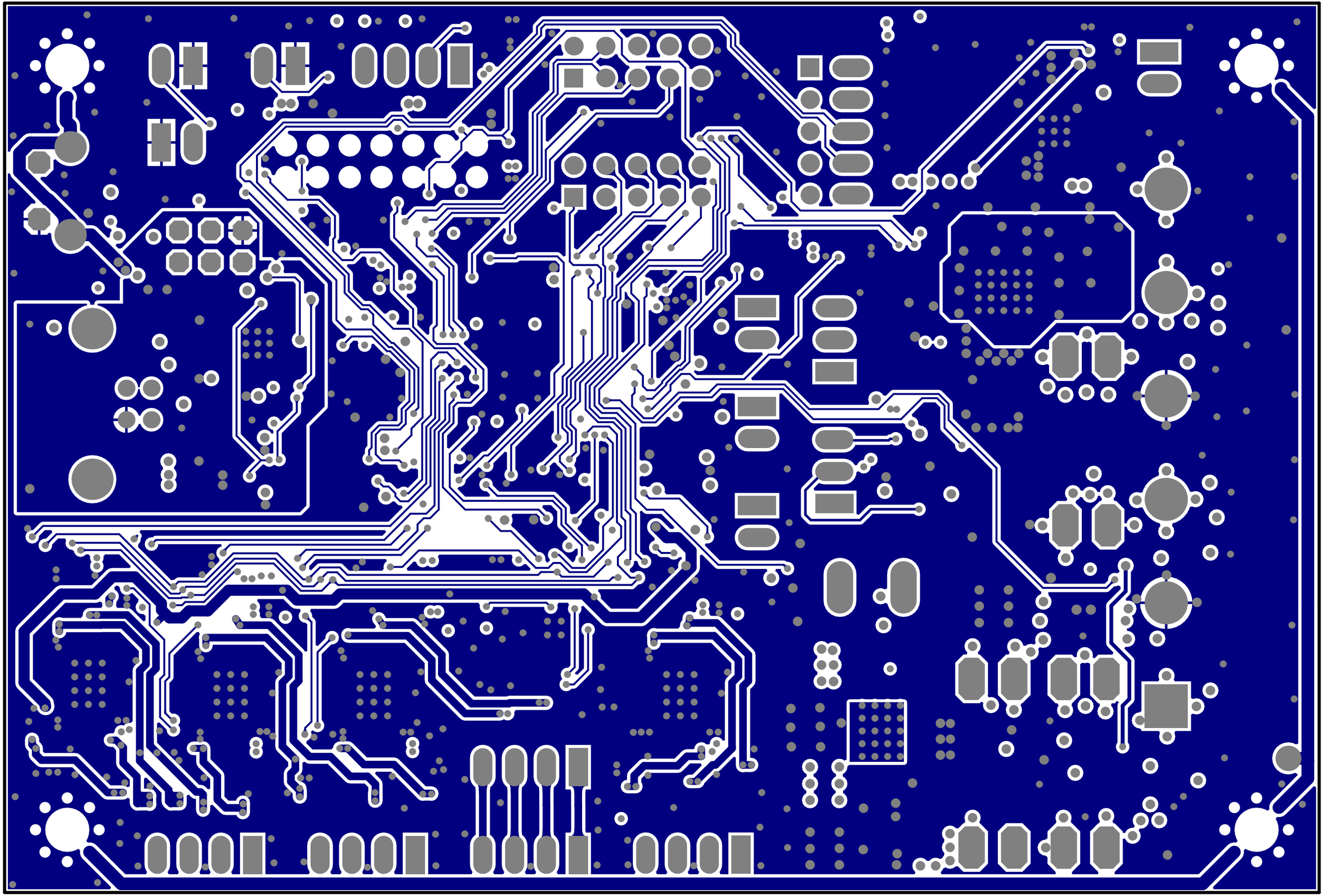
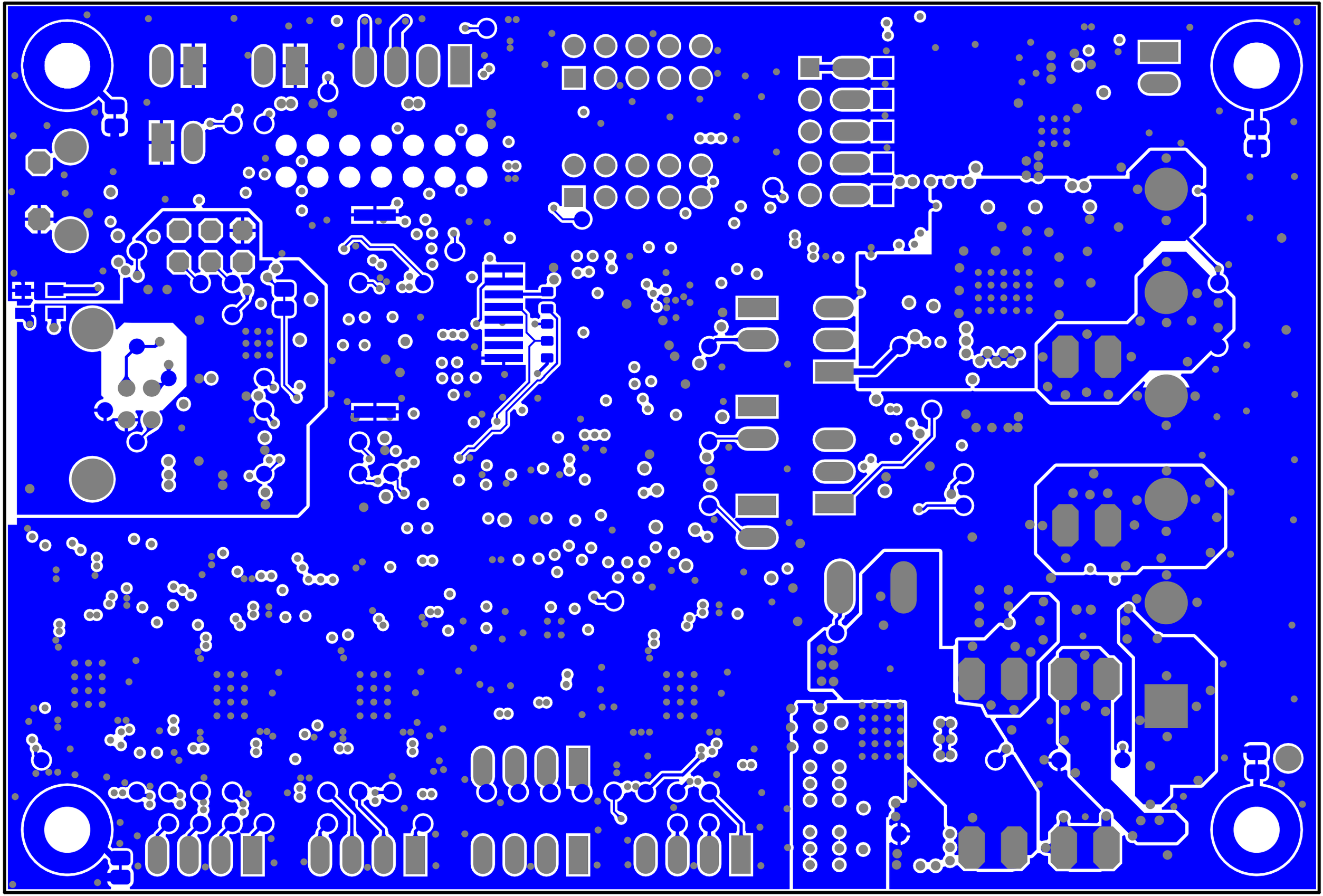


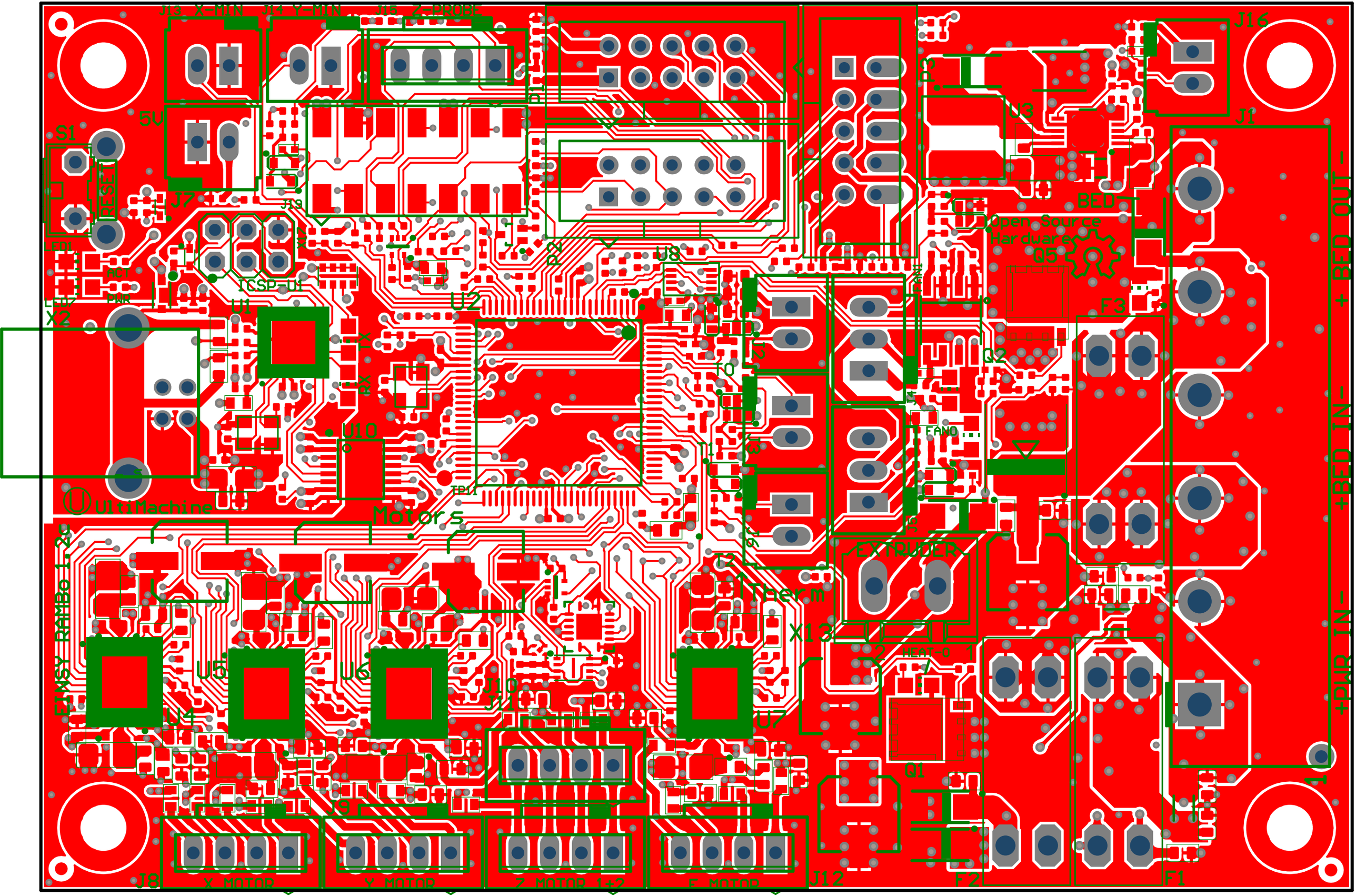


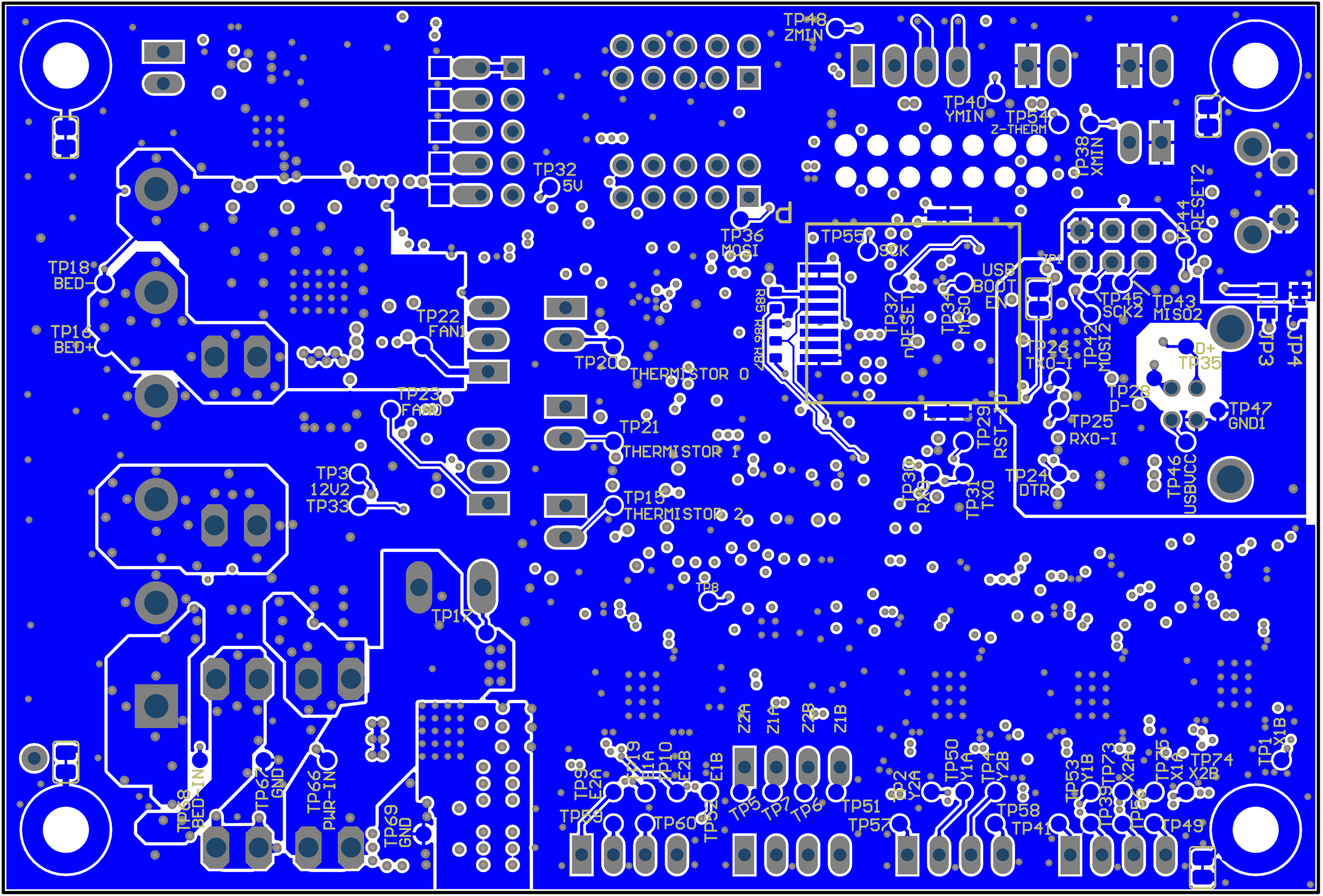
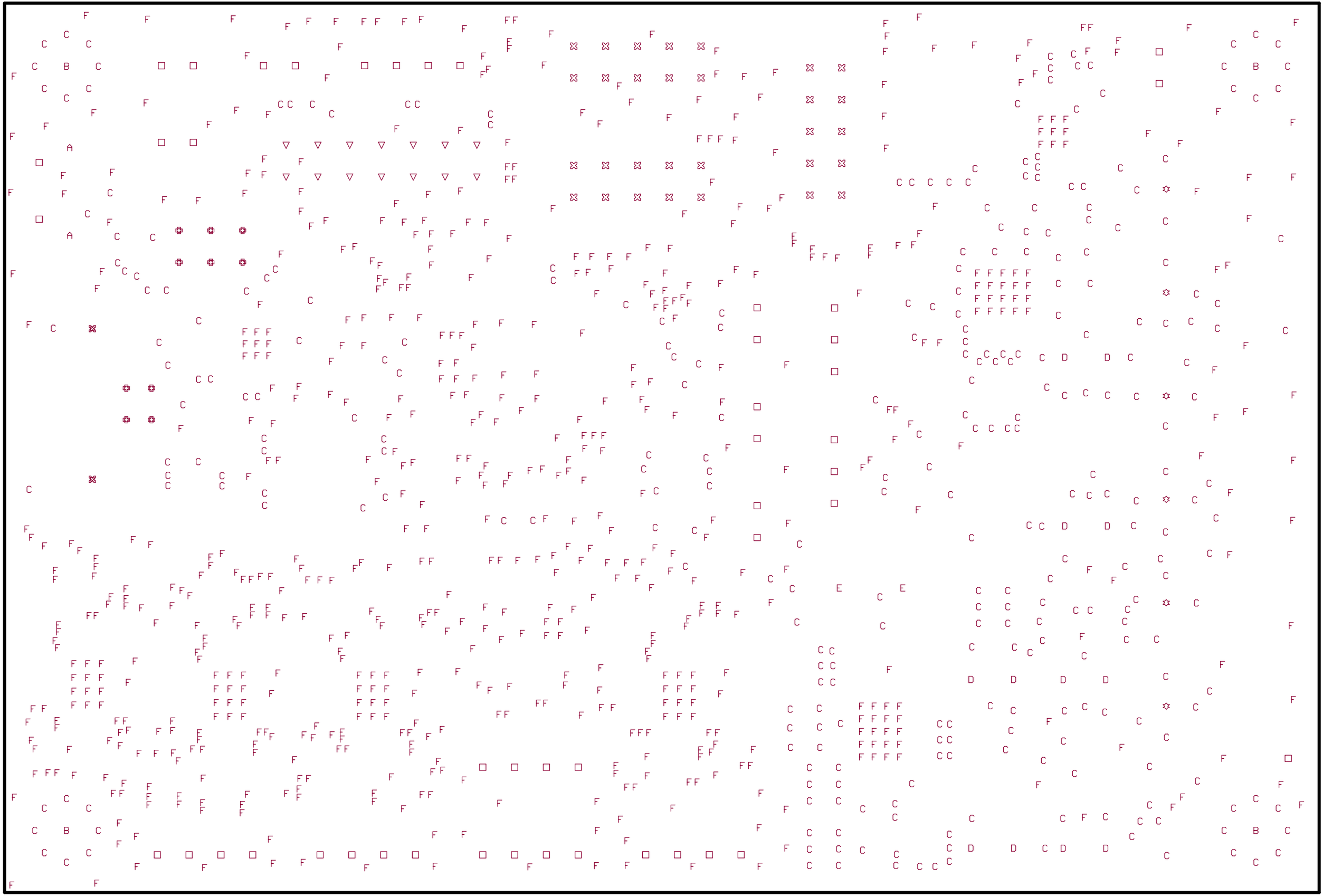









J13 X-MIN
J14 Y-MIN
J15 Z-PROBE
J16
J1
S1
RESET
5V
J7
J9
LED1
ACT
PWR
ICSP-U1
U1
U2
U8
U3
BED
Open Source Hardware
Q5
F3
Q2
X2
X
RX
U10
TD11
UltiMachine
Motors
EXTRUDER
Therm
X13
HEAT-0
Q1
U5
U6
U7
J10
J11
J8
X MOTOR
Y MOTOR
Z MOTOR 1+2
E MOTOR
J12
F2
F1
BED OUT
+BED IN
+PWR IN
-PWR IN
EMSY RAMBO 1.2


TP48
ZMIN
TP40
YMIN
TP54
Z-THERM
TP38
XMIN
TP32
5V
TP36
MOSI
TP55
SCK
TP44
RESET2
TP18
BED-
TP16
BED+
TP22
FAN1
TP20
THERMISTOR 0
TP23
FAN0
TP21
THERMISTOR 1
TP15
THERMISTOR 2
TP3
12V2
TP33
TP8
TP17
R85
R86
R87
TP37
nRESET
TP34
MISO
USB
BOOT
EN
JP1
TP45
SCK2
TP43
MISO2
TP42
MOSI2
TP26
TXO-I
TP29
RST-O
TP25
RXO-I
TP24
DTR
TP30
RX0
TP31
TXO
TP28
D-
D+
TP35
TP47
GND1
TP46
USBVCC
JP3
JP4
TP68
BED-IN
TP67
GND
TP66
PWR-IN
TP69
GND
TP9
E2A
TP19
E1A
TP10
E2B
E1B
Z2A
Z1A
Z2B
Z1B
TP59
TP60
TP5
TP7
TP6
TP51
TP57
TP2
Y2A
TP50
Y1A
TP4
Y2B
TP58
TP41
TP53
Y1B
TP39
TP73
X2A
TP56
TP75
X1A
TP74
X2B
TP49
TP1
X1B