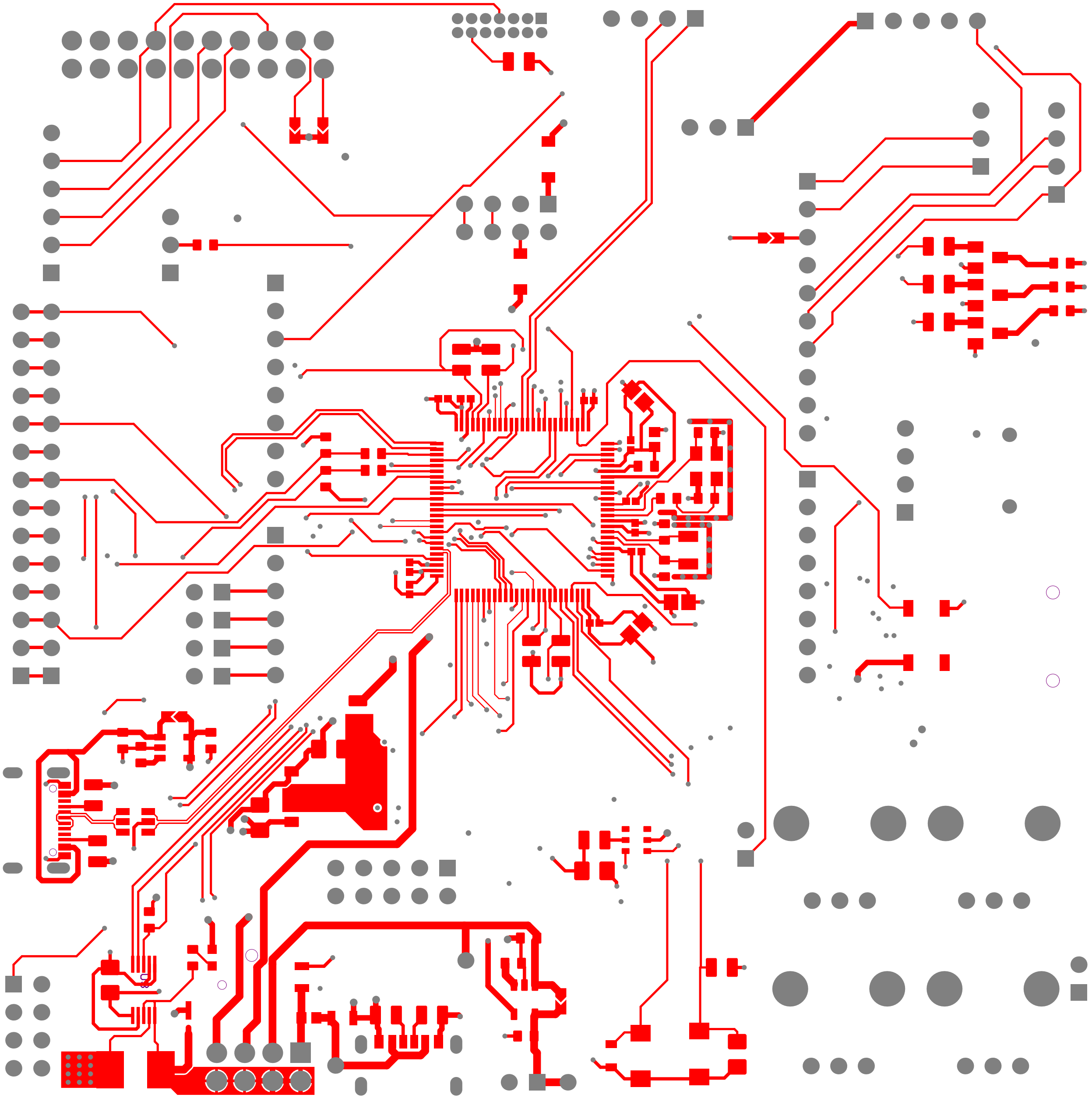
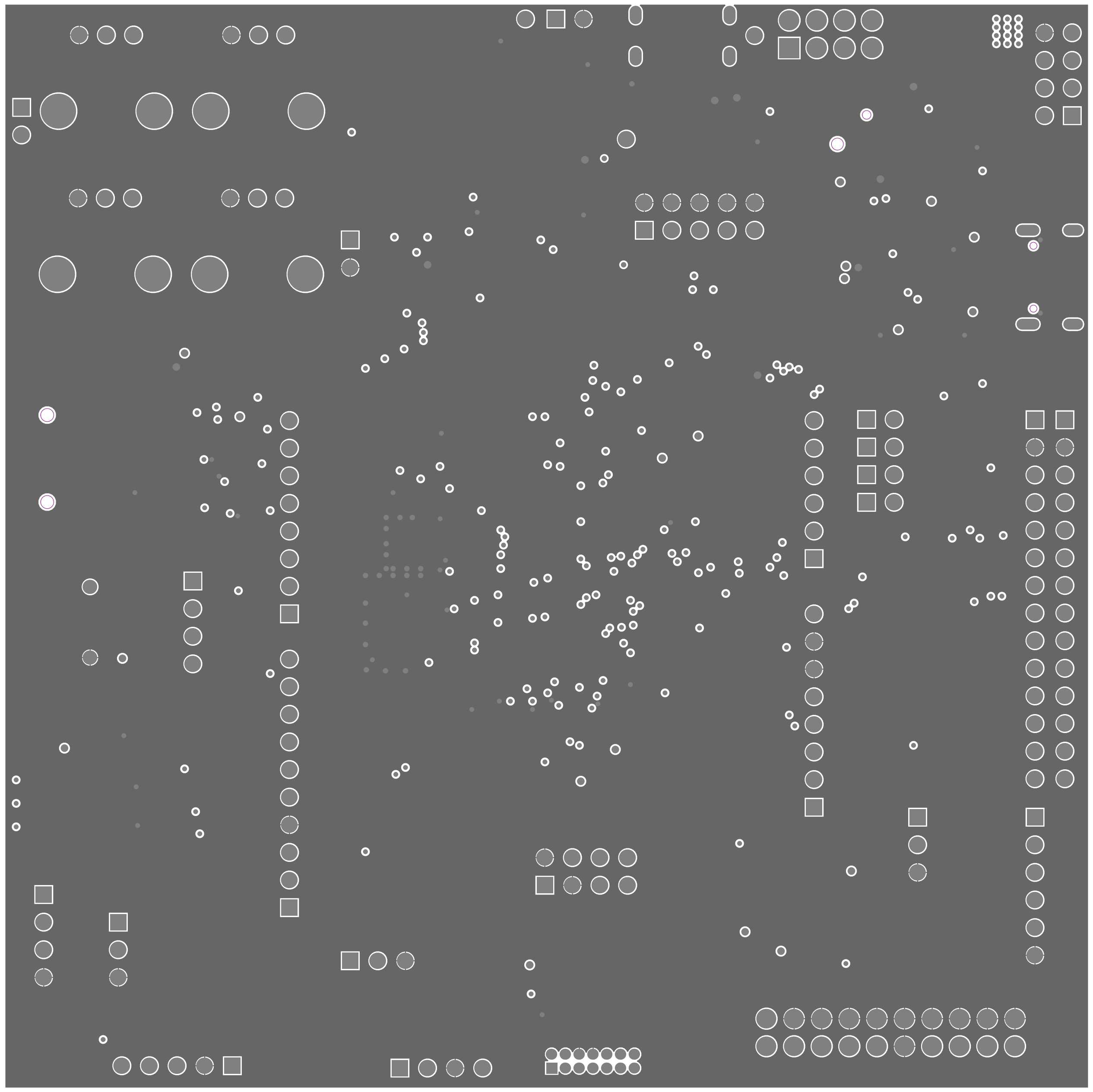
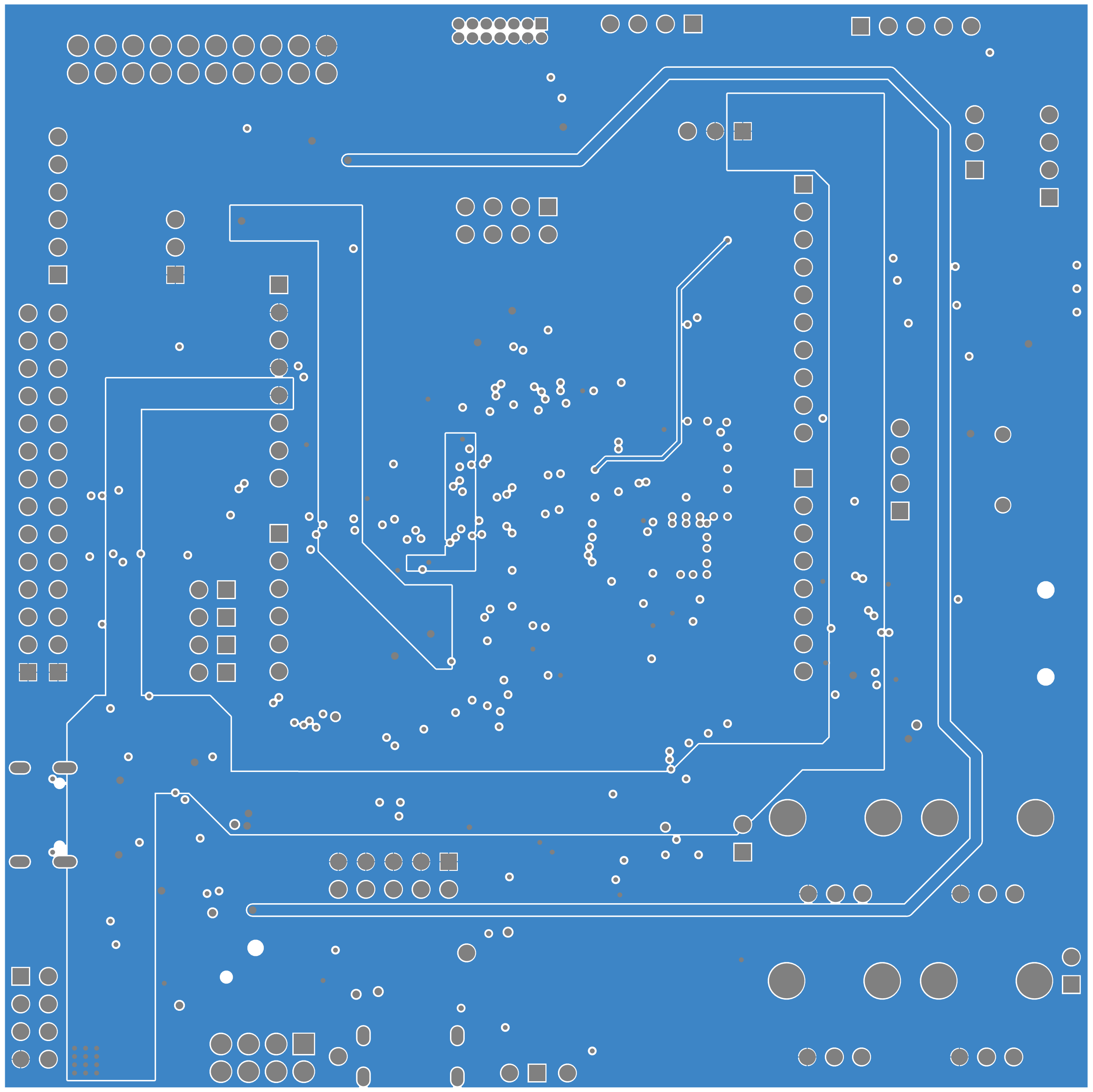
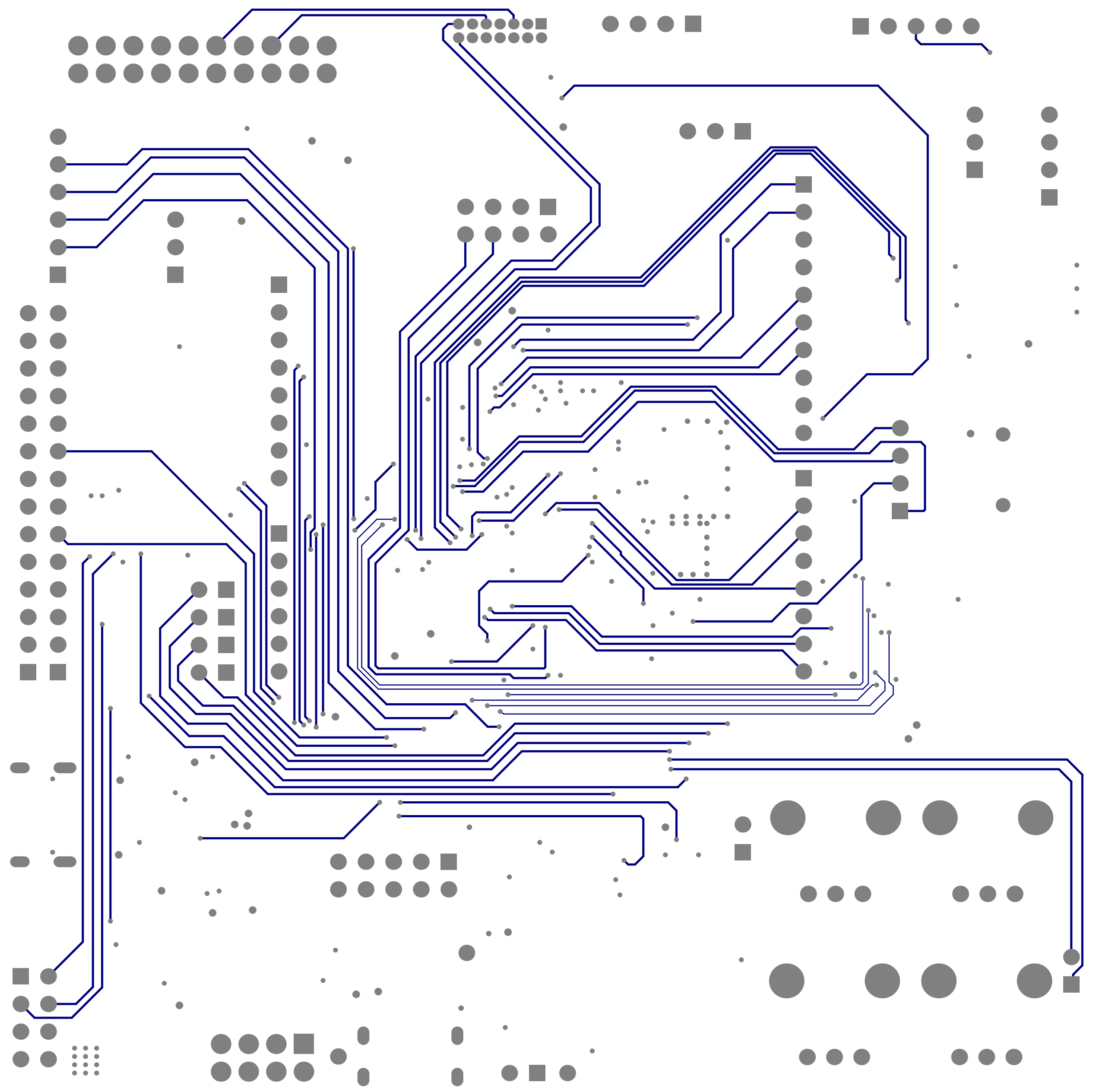
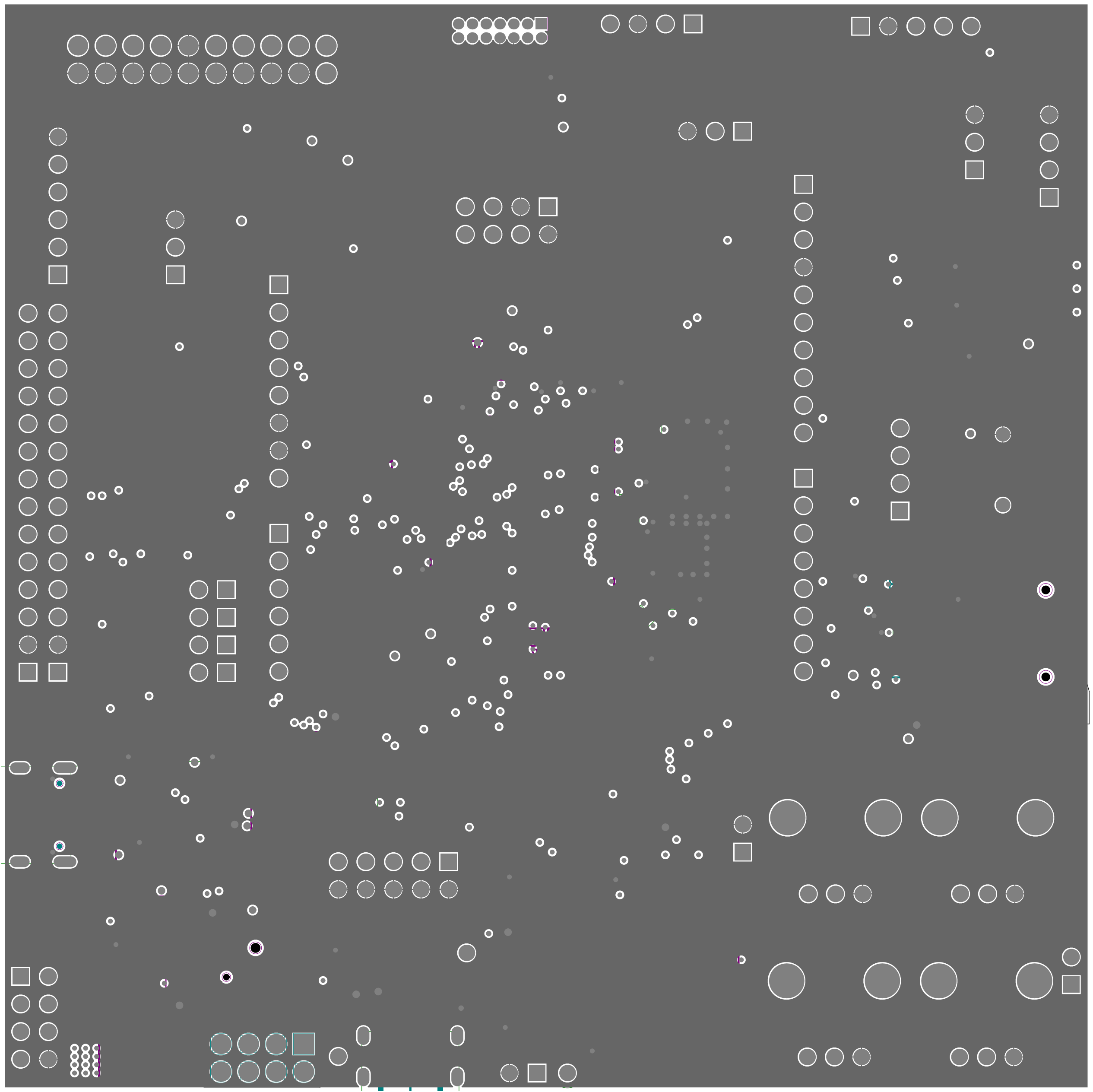
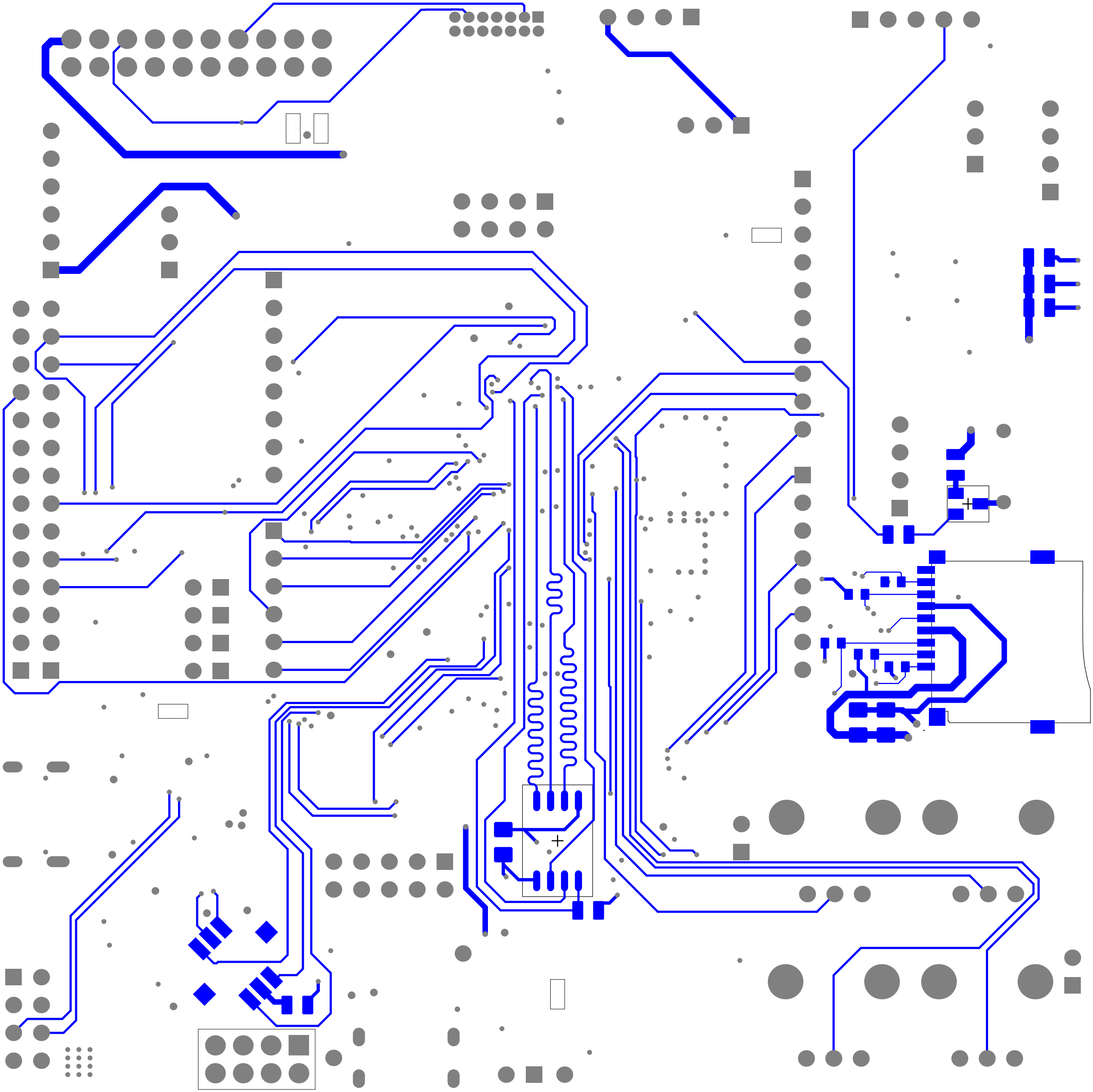


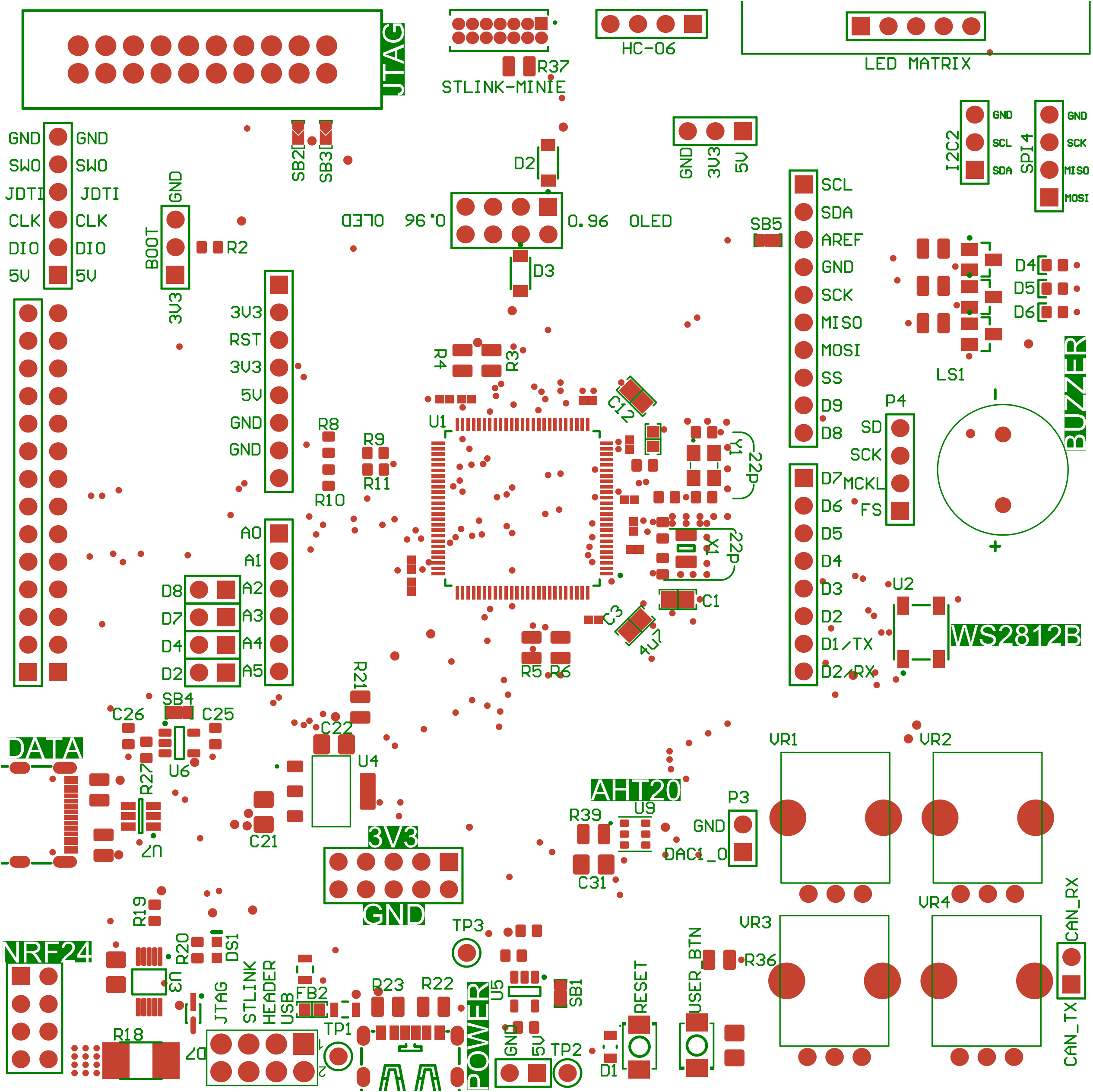


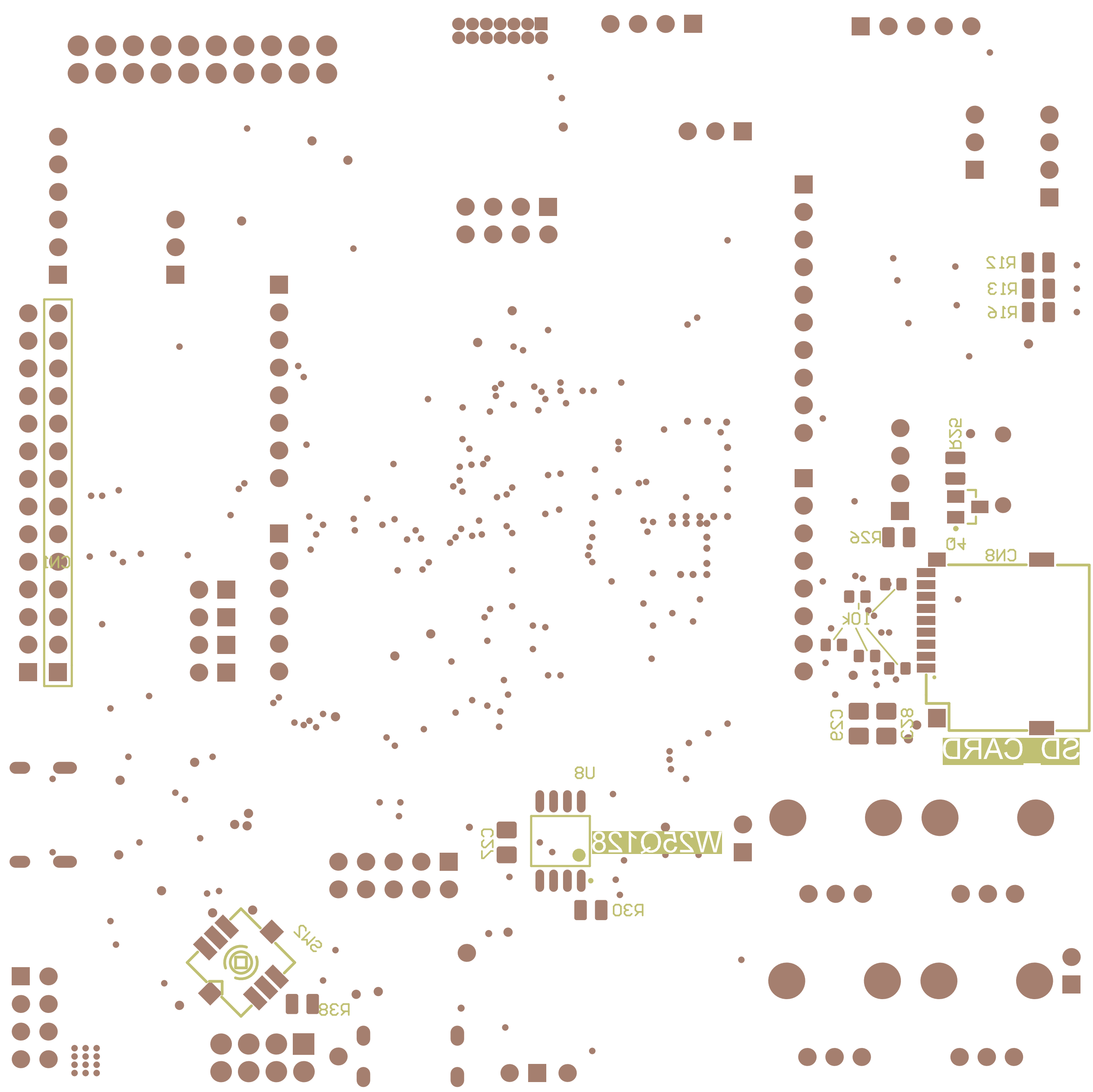









JTAG
STLINK-MINIE
R37
HC-06
LED MATRIX
GND
SWO
JDTI
CLK
DIO
5V
SB2
SB3
D2
D3
0.96 OLED
GND
3V3
5V
I2C2
SCL
SDA
SPI4
SCK
MISO
MOSI
BOOT
R2
SB5
AREF
SS
D9
D8
D7
D6
D5
D4
D3
D1/TX
D2/RX
LS1
P4
MCKL
FS
BUZZER
RST
R4
R3
U1
C12
R8
R9
R10
R11
Y1
22p
X1
C1
C3
C4
R5
R6
A0
A1
A2
A3
A5
U2
WS2812B
R21
C26
SB4
C25
C22
U4
U6
R27
U7
C21
DATA
AHT20
U9
R39
C31
P3
DAC1_O
VR1
VR2
VR3
VR4
3V3
GND
R19
R20
DS1
NRF24
U3
JTAG
STLINK
HEADER
USB
FB2
R23
R22
TP3
TP1
TP2
U5
SB1
POWER
RESET
USER_BTN
R36
D1
R18
D7
CAN_RX
CAN_TX


R12
R13
R16
R52
R26
CN8
10k
C29
C28
SD CARD
U8
W25Q128
C27
R30
SW2
R38