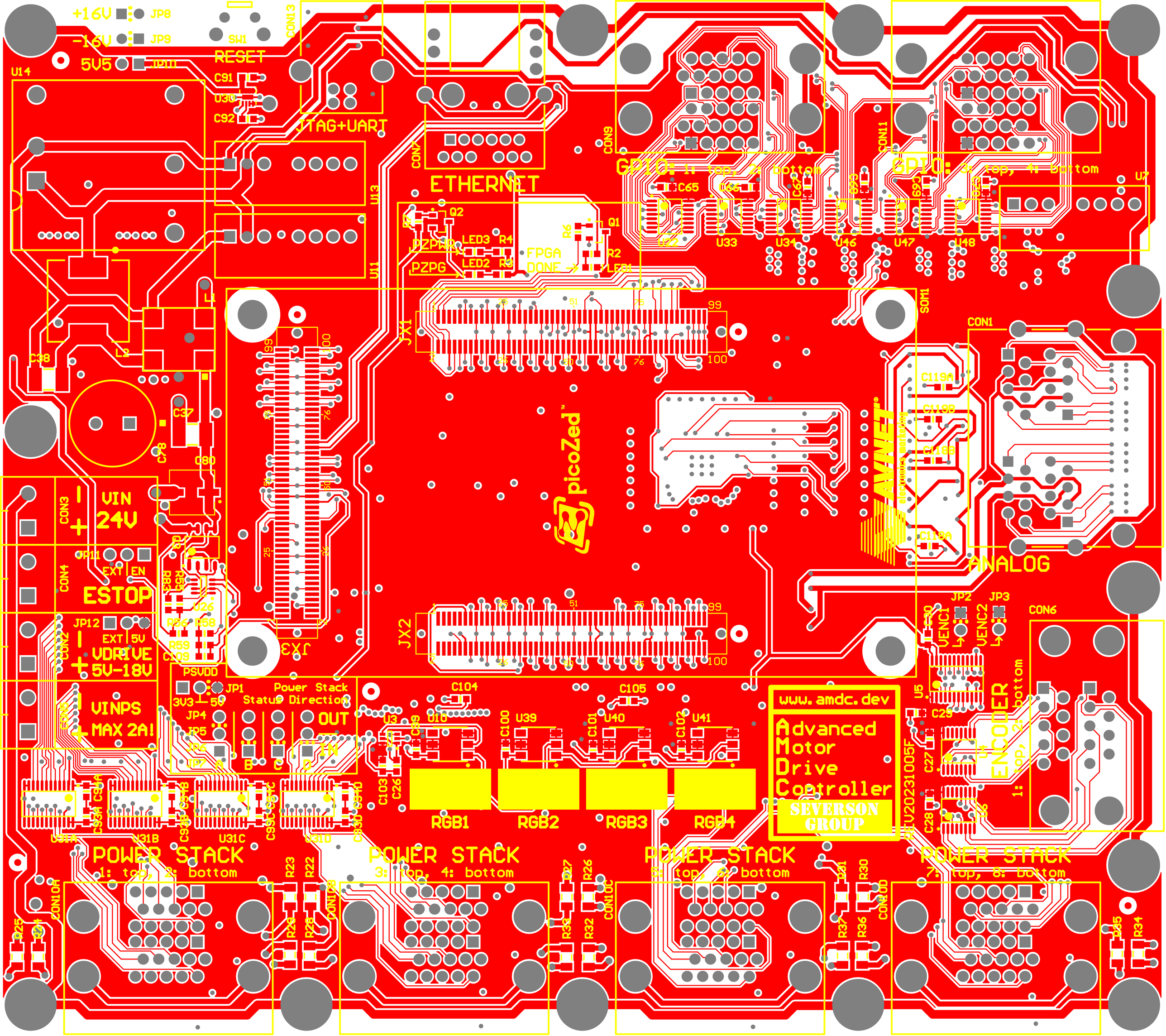
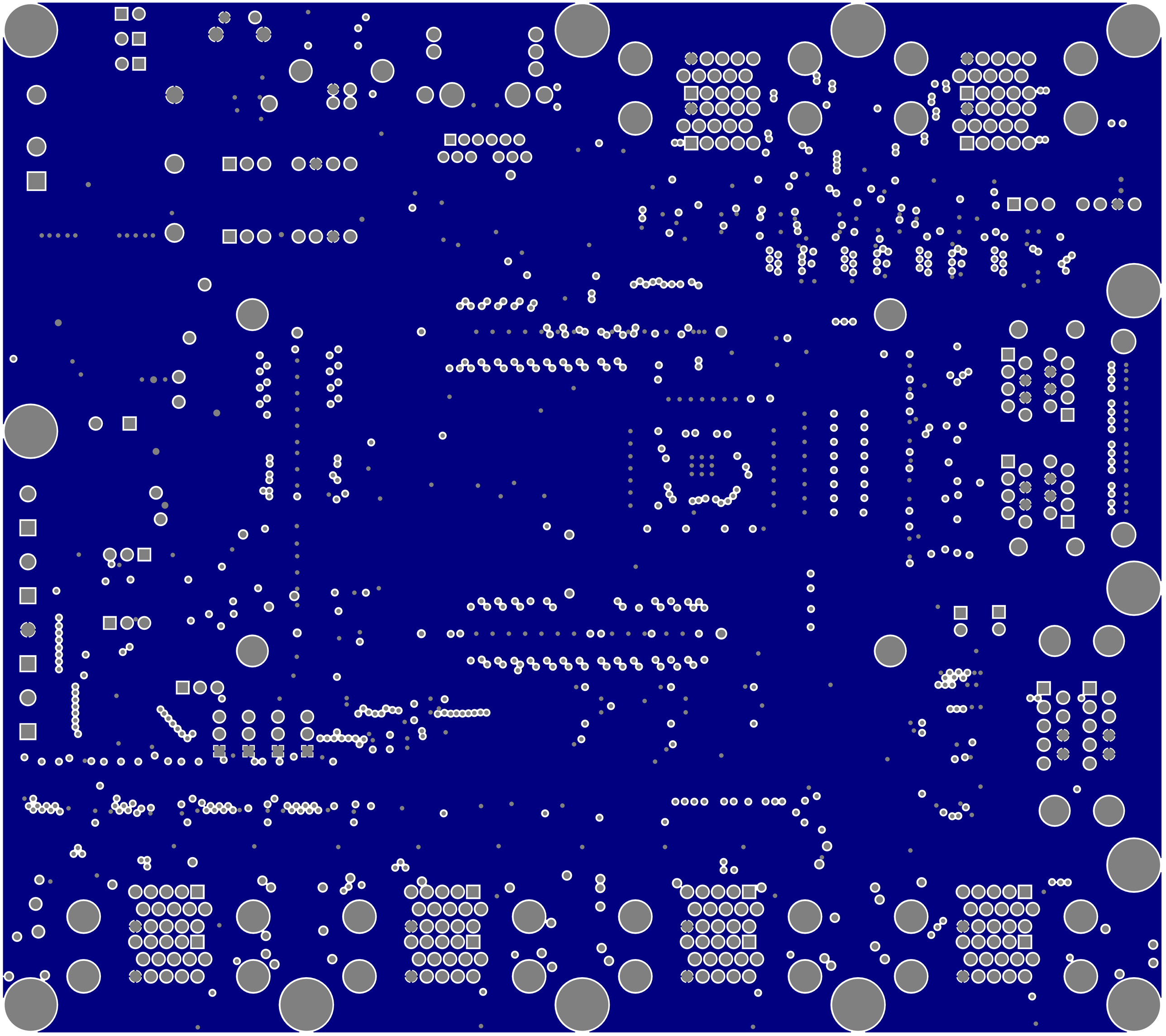
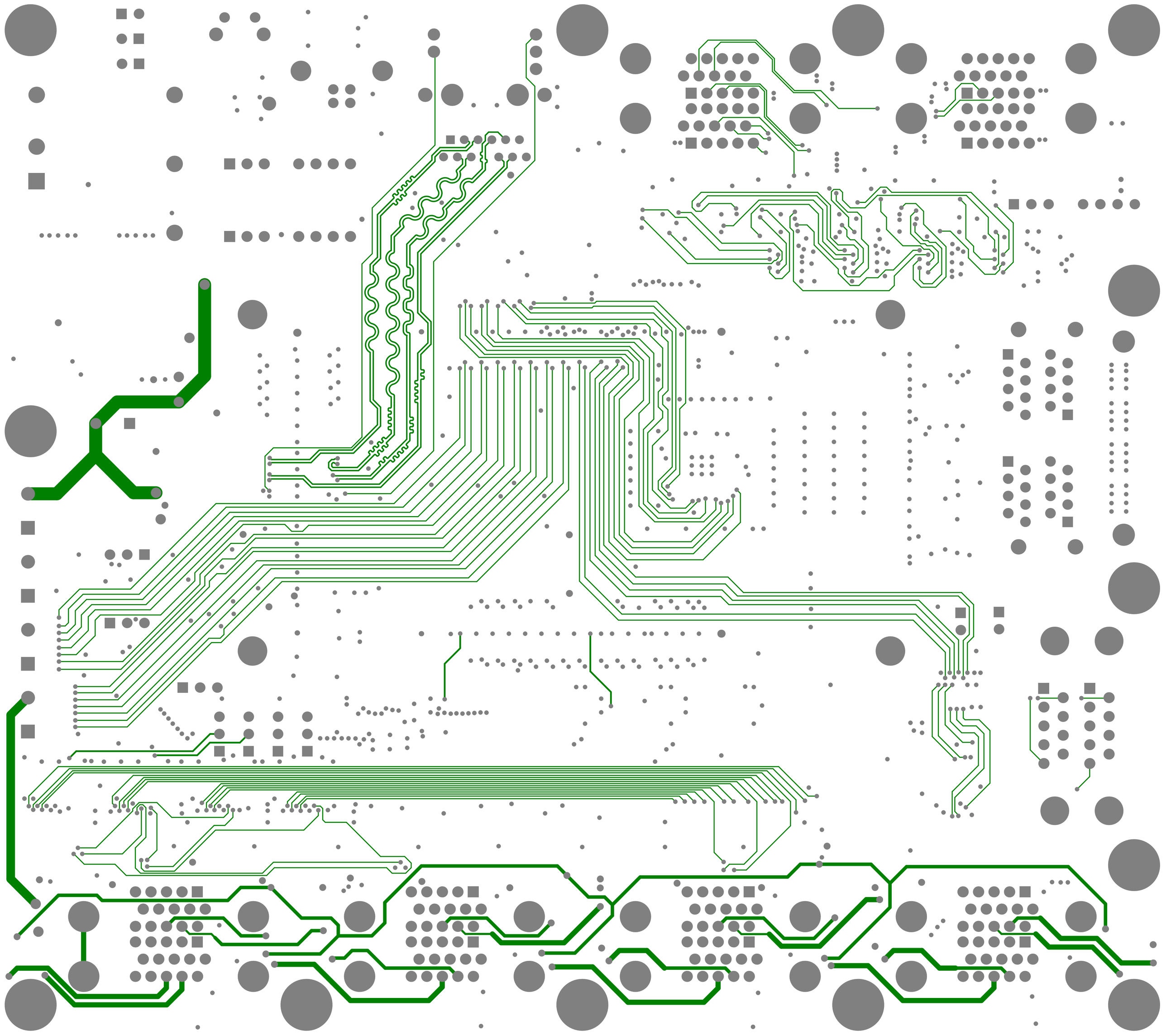
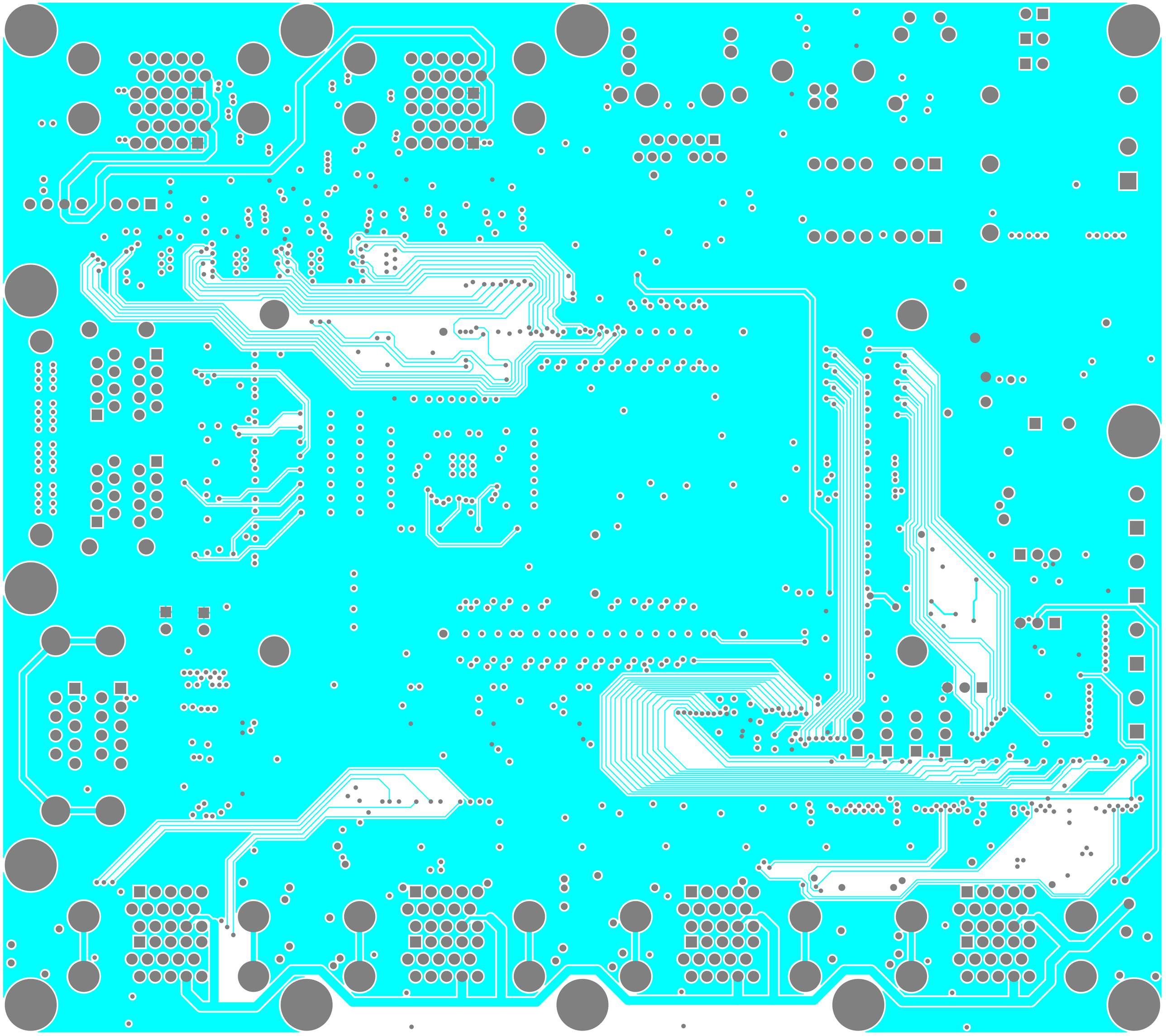
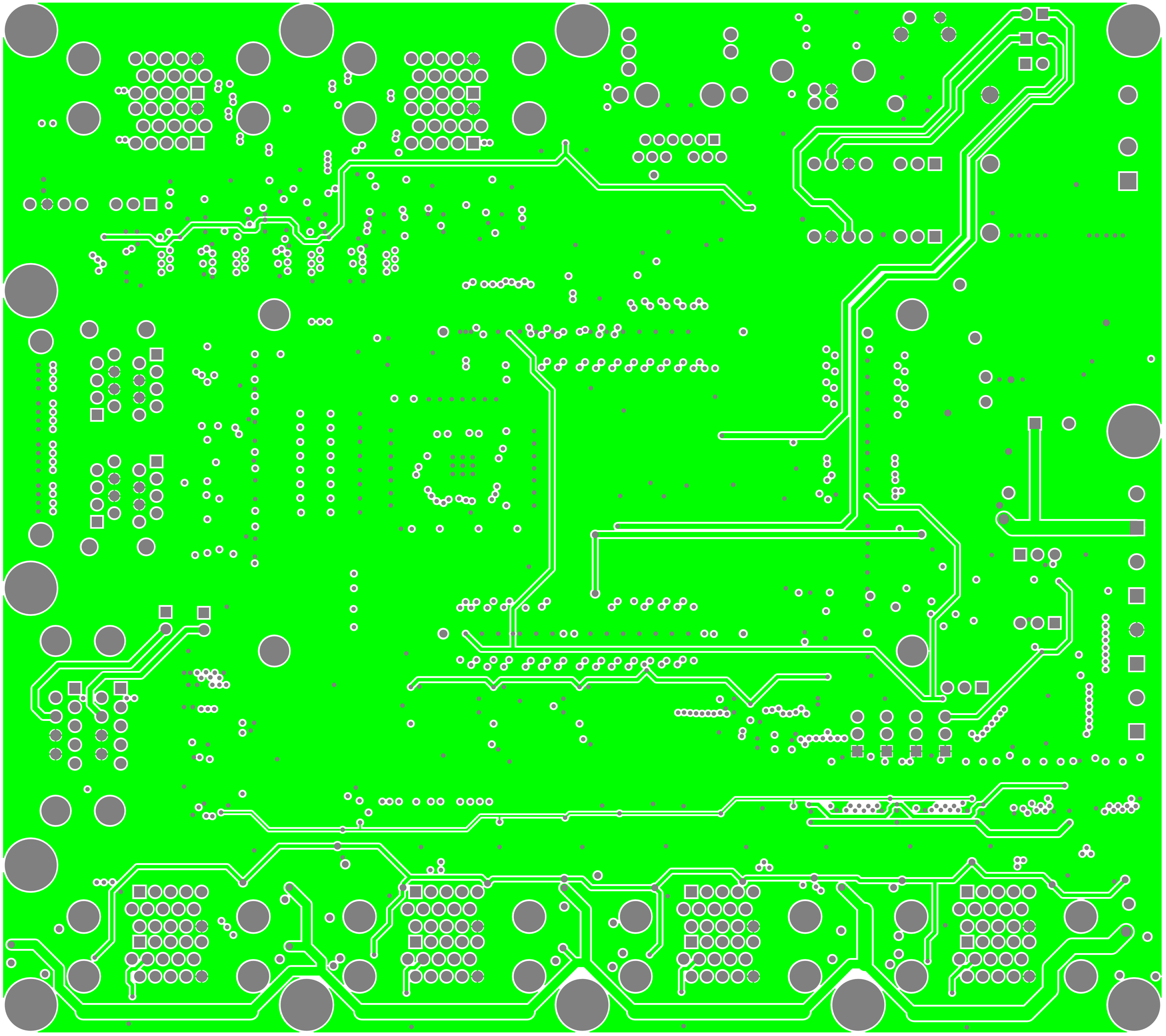
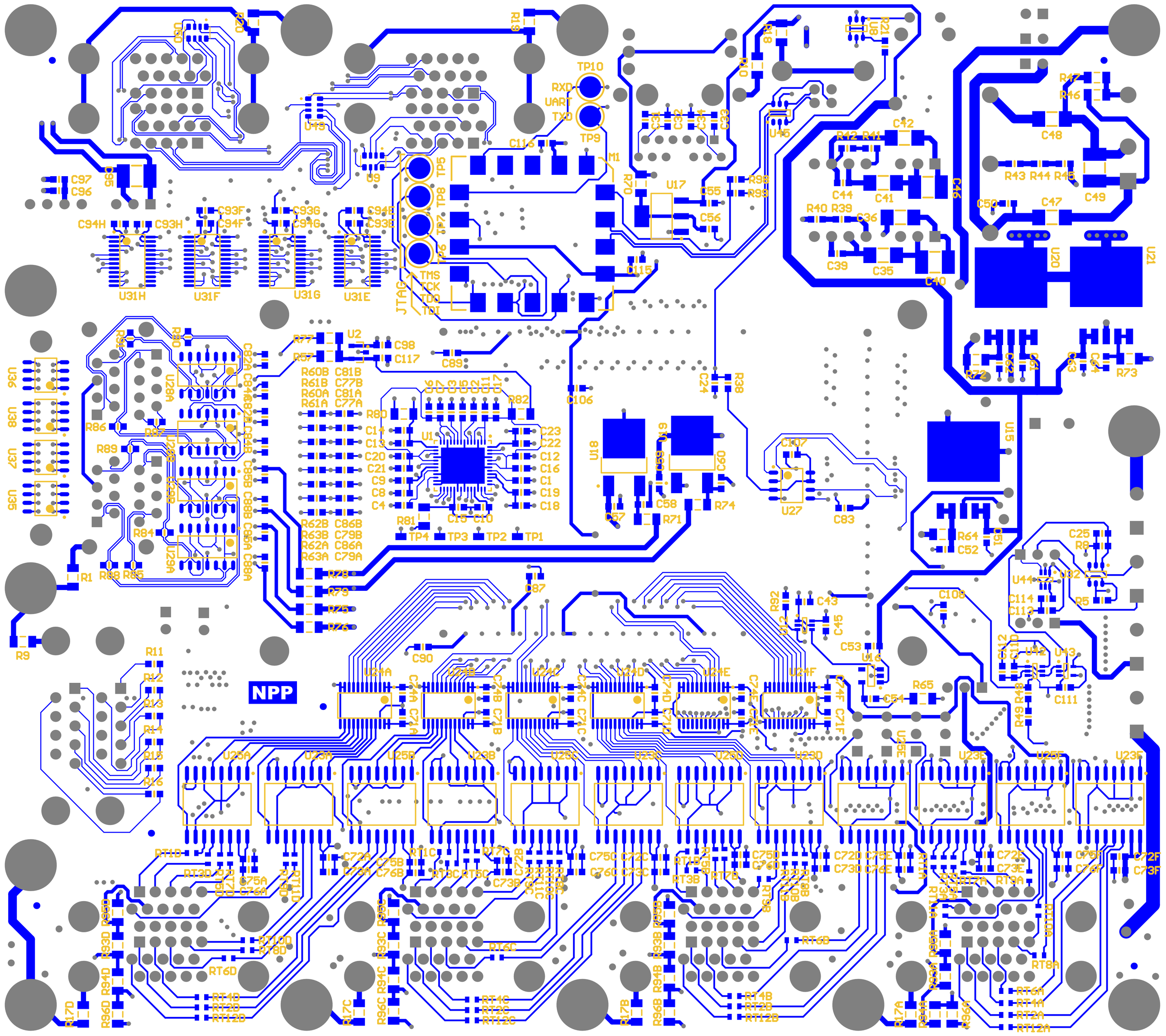

+16V
JP8
-16V
JP9
5V5
JP10
SW1
RESET
C91
U30
C92
CON13
JTAG+UART
U14
U13
U11
CON7
ETHERNET
CON9
GPIO: 1: top, 2: bottom
CON11
GPIO: 3: top, 4: bottom
U7
C65
C66
C67
C68
C69
C70
U22
U33
U34
U46
U47
U48
Q2
Q1
PZPWR
LED3
R4
R6
R2
FPGA
DONE
LED1
PZPG
LED2
R3
L1
L2
C38
C37
C78
C80
JX1
SOM1
CON1
C119A
C119B
C118B
C118A
ANALOG
JP2
JP3
VENC1
VENC2
CON6
CON3
VIN
24V
CON4
JP11
EXT
EN
ESTOP
JP12
EXT
5V
CON2
VDRIVE
5V-18V
PSVDD
JP1
3V3
5V
JP4
JP5
JP6
JP7
VINPS
MAX 2A!
Power Stack
Status
Direction
OUT
IN
A
B
C
D
JX3
JX2
C104
C105
U3
U10
U39
U40
U41
C103
C26
RGB1
RGB2
RGB3
RGB4
www.amdc.dev
Advanced
Motor
Drive
Controller
SEVERSON
GROUP
U5
C25
C27
C28
ENCODER
1: top, 2: bottom
U31A
U31B
U31C
U31D
POWER STACK
1: top, 2: bottom
POWER STACK
3: top, 4: bottom
POWER STACK
5: top, 6: bottom
POWER STACK
7: top, 8: bottom
CON10A
CON10B
CON10C
CON10D
R23
R22
R29
R28
R27
R26
R33
R32
R31
R30
R37
R36
R35
R34
Q25
Q24
picoZed
AVNET
electronics marketing










NPP
TP10
RXD
UART
TXD
TP9
TP5
TP8
TP7
TP6
JTAG
TMS
TCK
TDO
TDI
M1
U31H
U31F
U31G
U31E
U24A
U24B
U24C
U24D
U24E
U24F
U25A
U23A
U25B
U23B
U25C
U23C
U25D
U23D
U25E
U23E
U25F
U23F
U20
U21
U15
U1
U2
U17
U18
U19
U27
U16
U44
U32
U42
U43
U45
U9
U8
U10
U28A
U28B
U29B
U29A
U36
U38
U37
U35
TP4
TP3
TP2
TP1