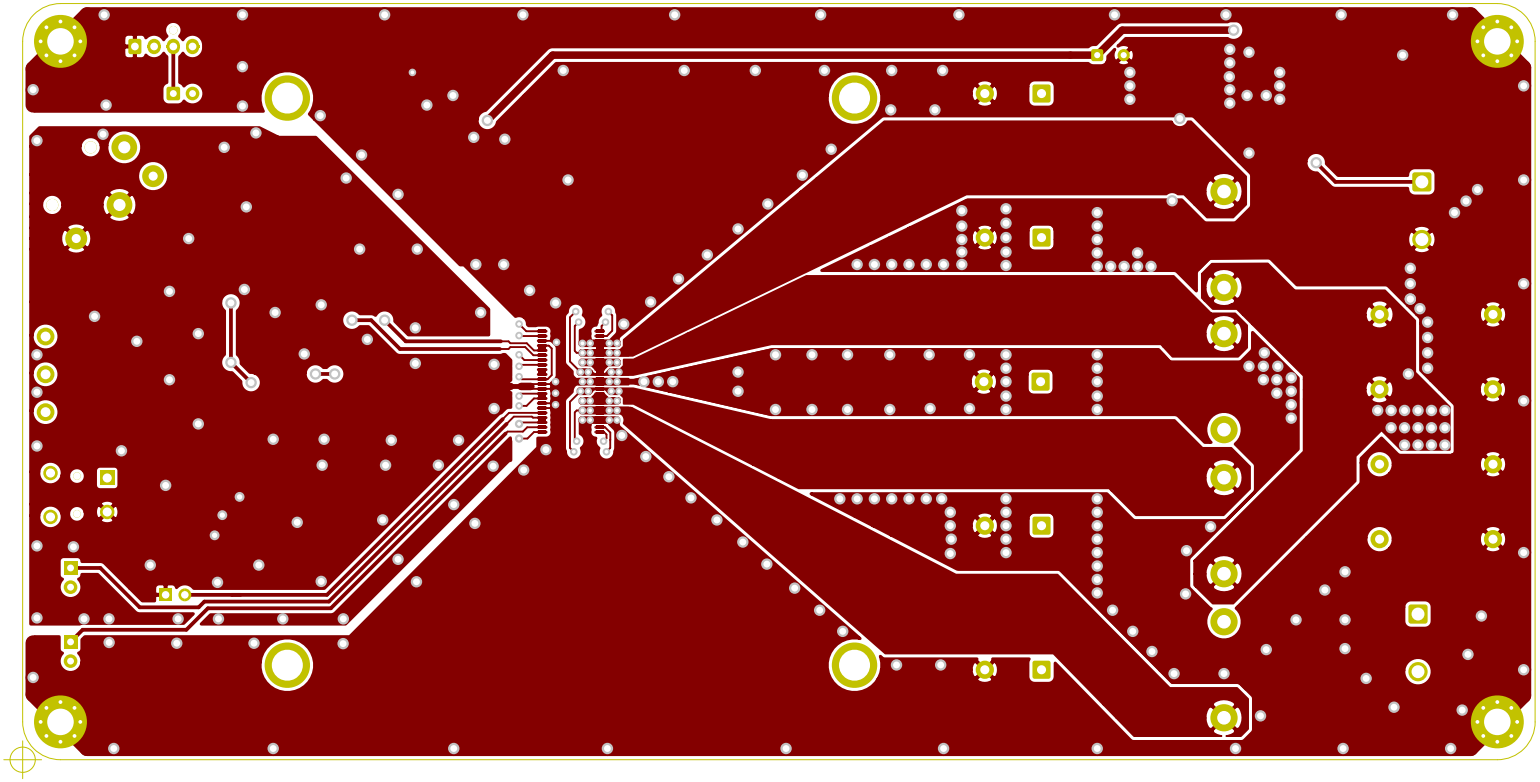
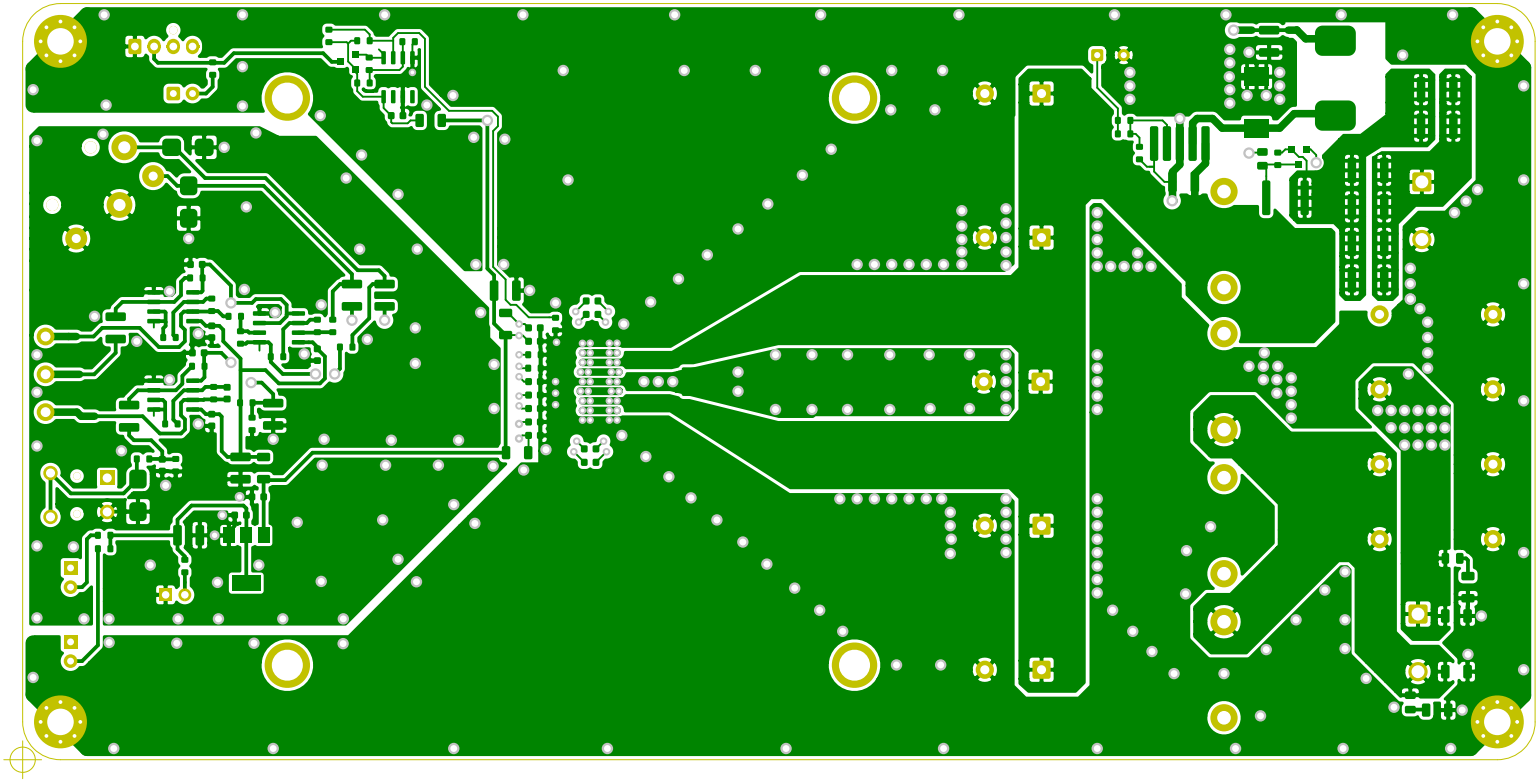
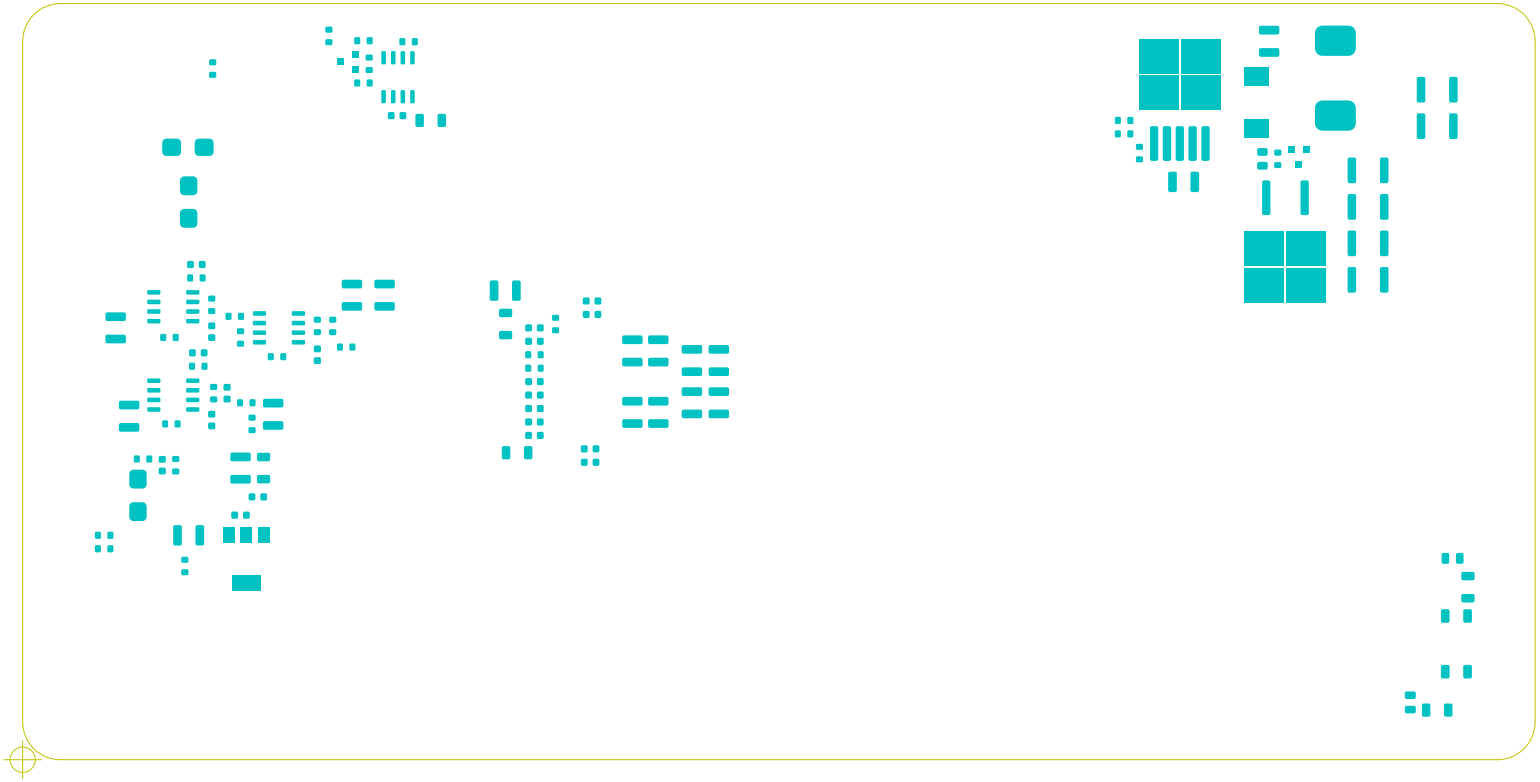
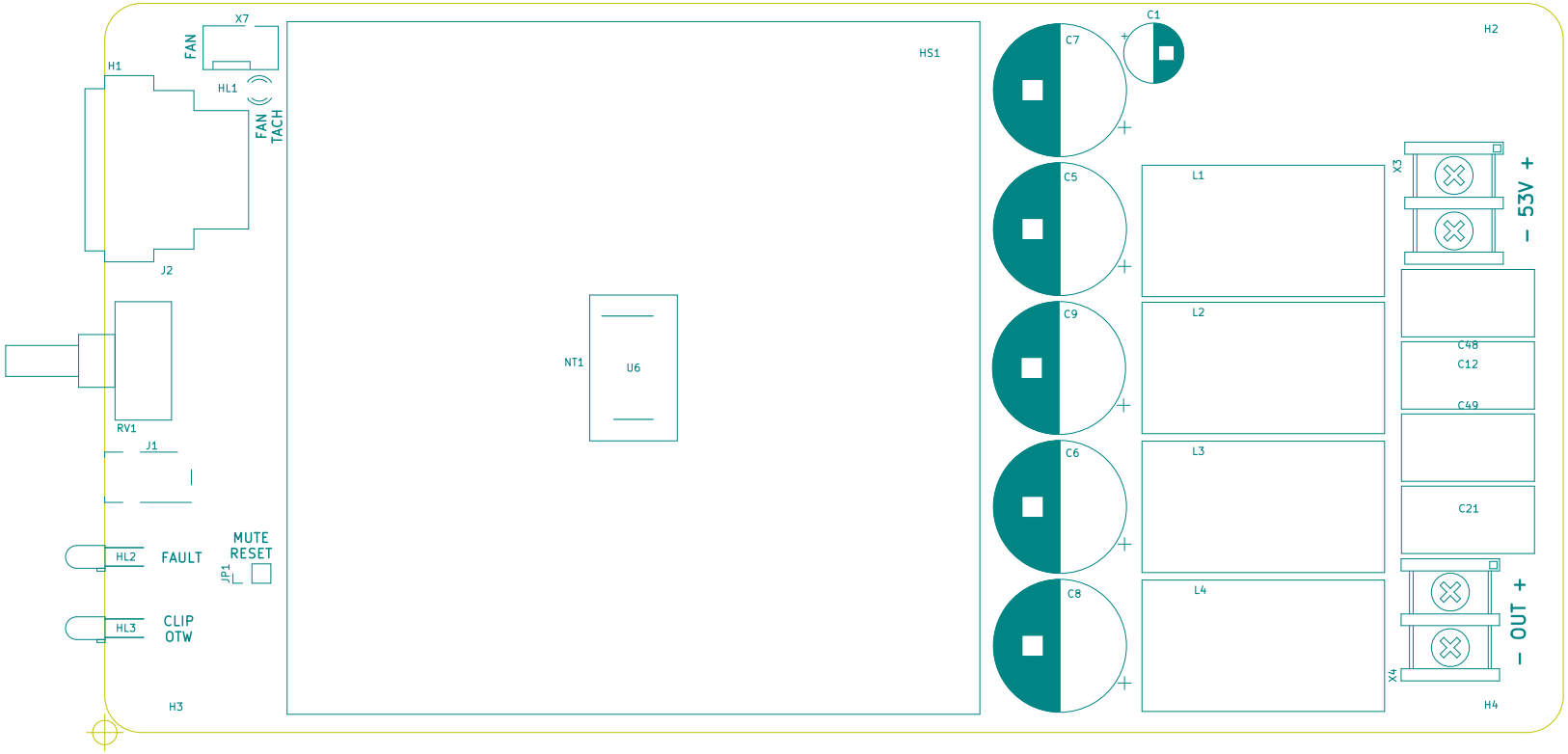
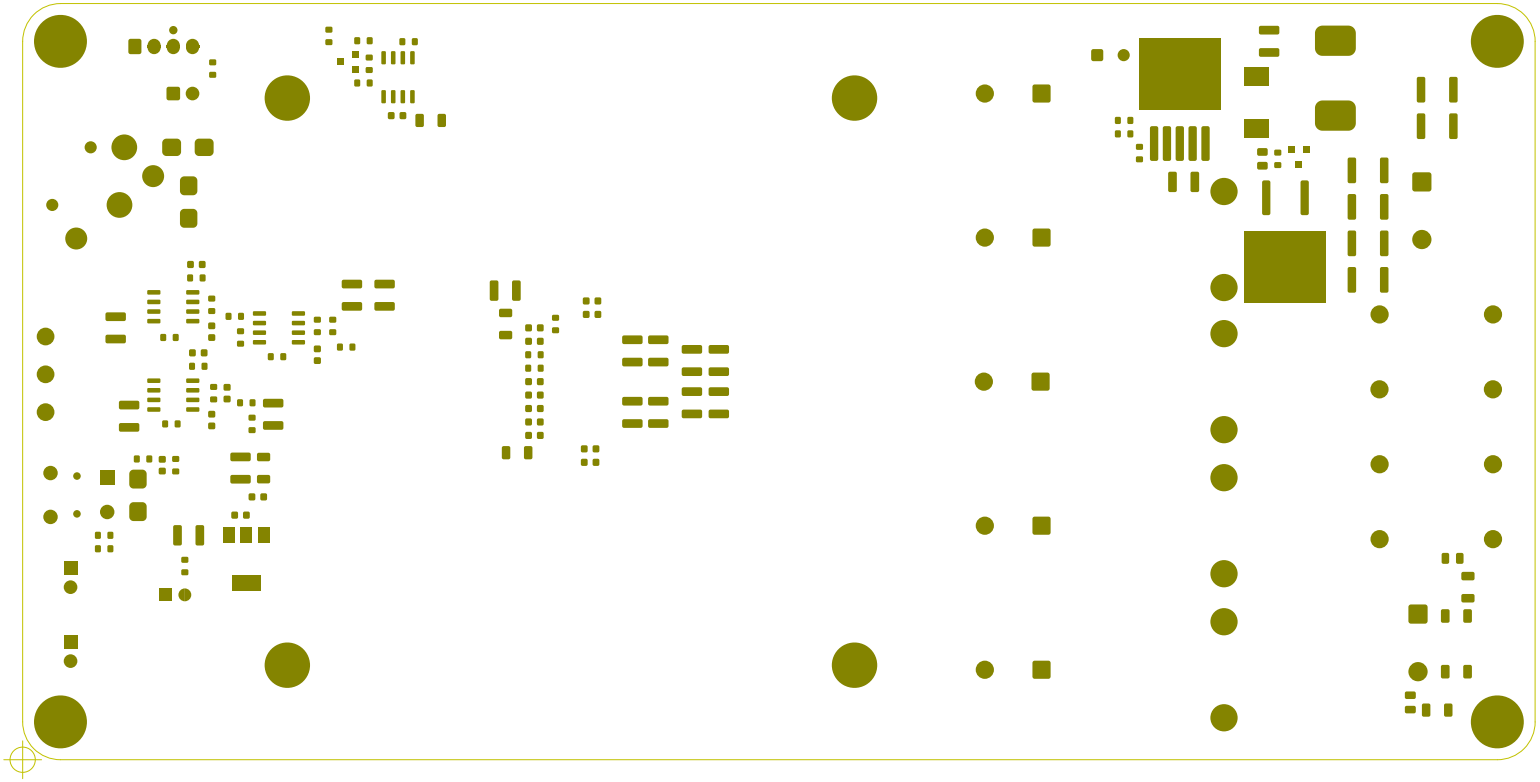
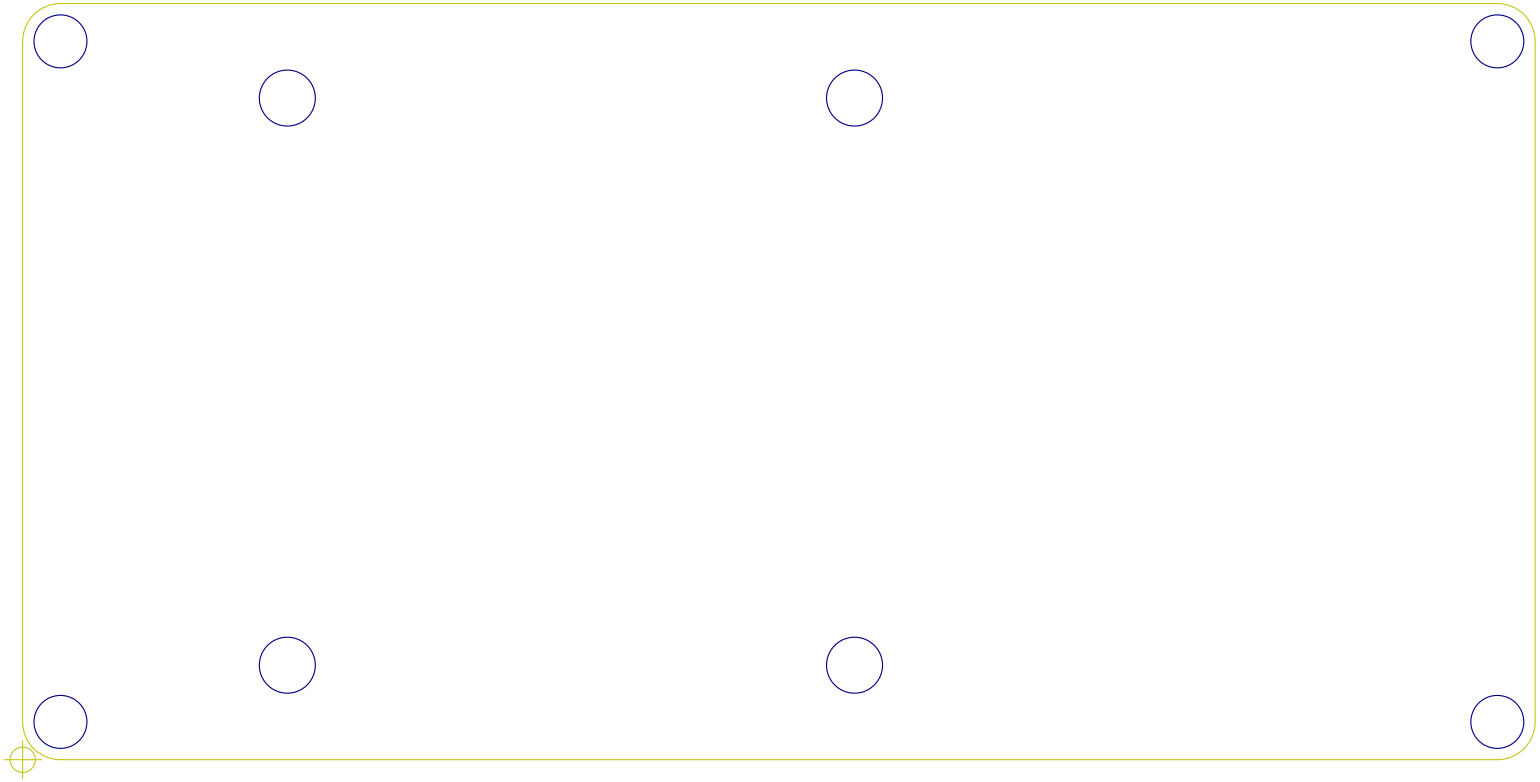


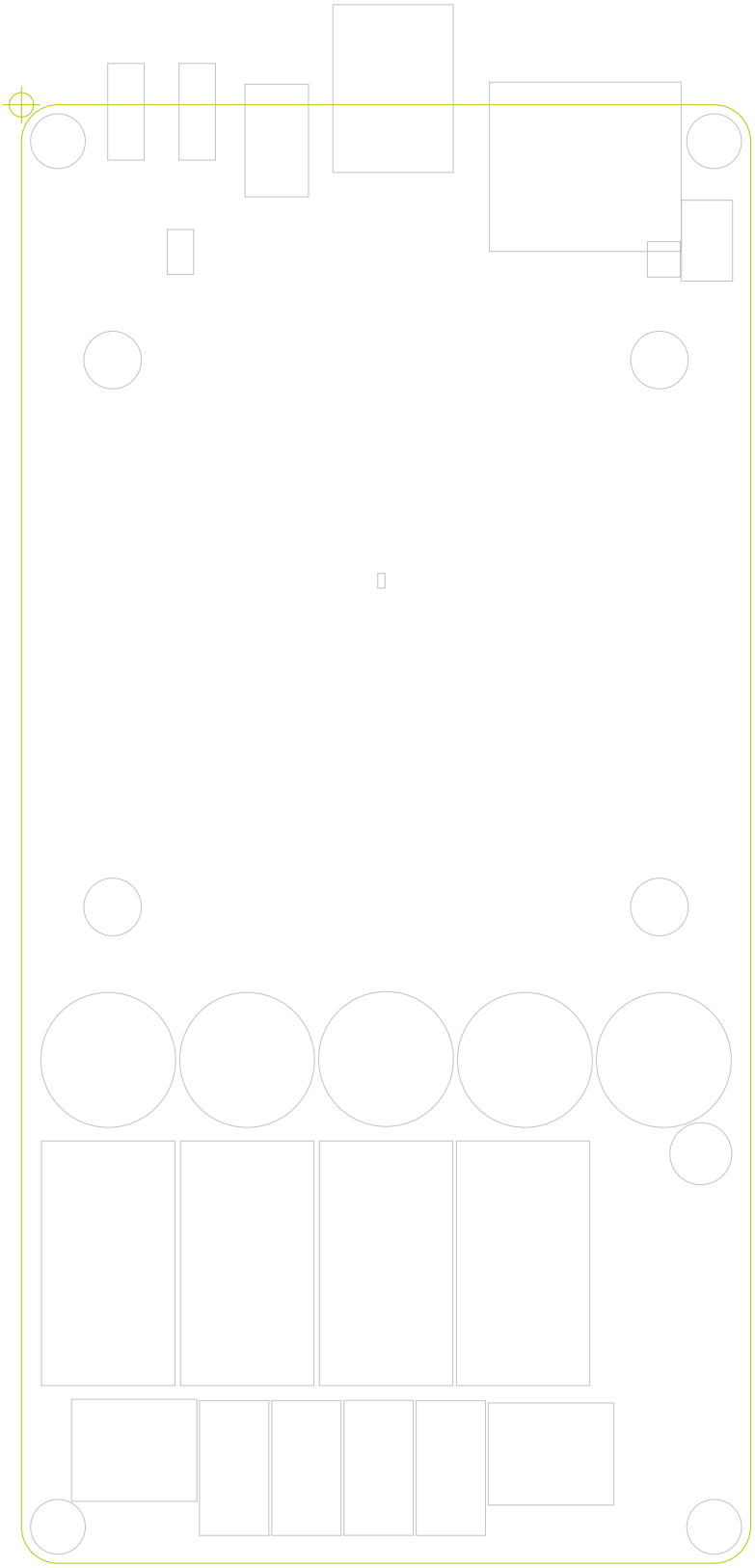


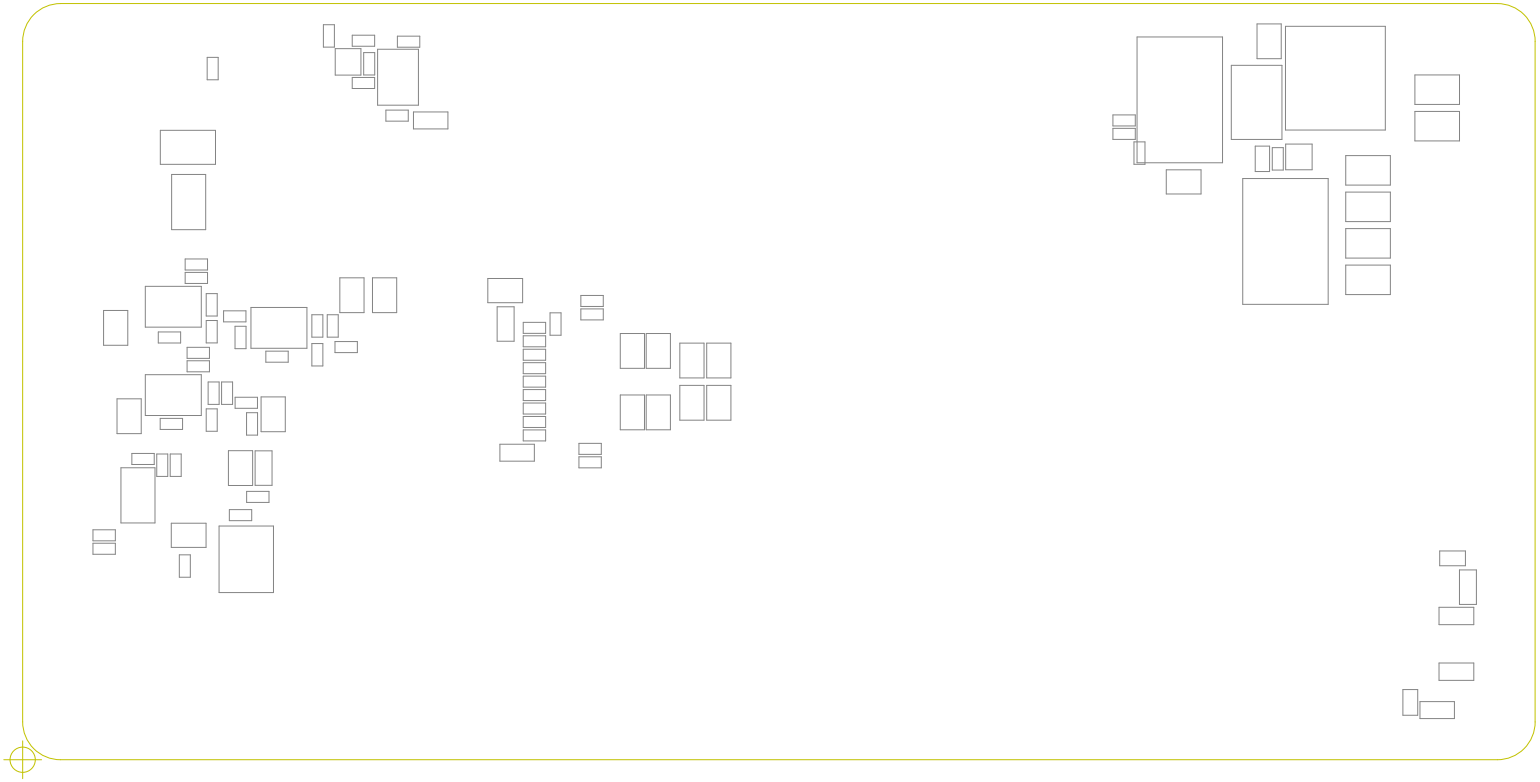


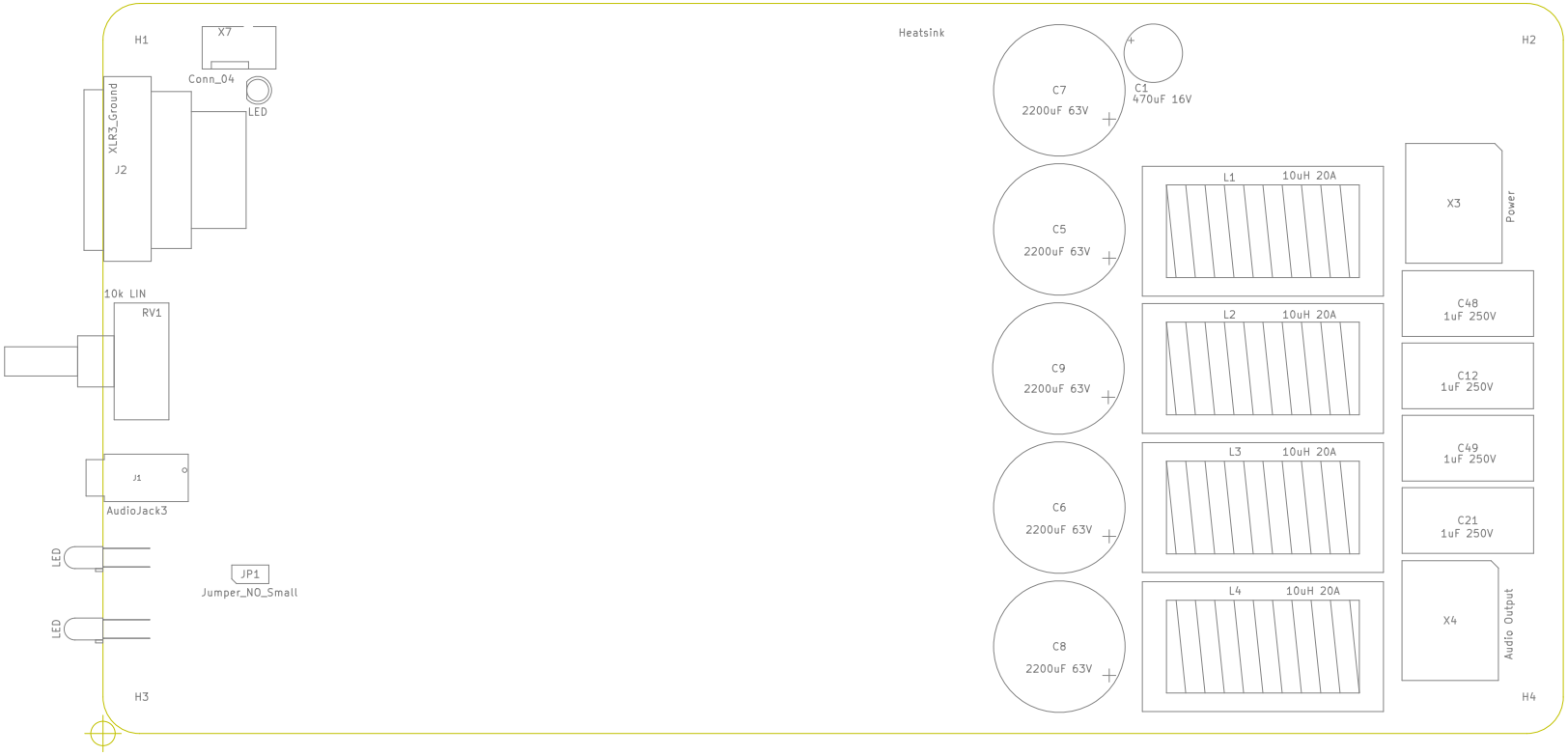

X7
FAN
H1
HL1
FAN
TACH
J2
RV1
J1
HL2
FAULT
MUTE
RESET
JP1
HL3
CLIP
OTW
H3
HS1
NT1
U6
C7
C5
C9
C6
C8
C1
L1
L2
L3
L4
H2
X3
C48
C12
C49
C21
X4
H4
– 53V +
– OUT +










H1
X7
Conn_04
LED
XLR3_Ground
J2
10k LIN
RV1
J1
AudioJack3
LED
LED
JP1
Jumper_NO_Small
H3
Heatsink
C7
2200uF 63V
C1
470uF 16V
C5
2200uF 63V
C9
2200uF 63V
C6
2200uF 63V
C8
2200uF 63V
L1
10uH 20A
L2
10uH 20A
L3
10uH 20A
L4
10uH 20A
H2
X3
Power
C48
1uF 250V
C12
1uF 250V
C49
1uF 250V
C21
1uF 250V
X4
Audio Output
H4

22uF 25V
LM2596HVS-ADJ, LM2596HV-12
C32
100uH 2A
L5
U7
VD7
STPS2
R38
1R
R37
1R
10K
75K
1K
1uF 100V
C31
10K
MMBT5401
Q2
R36
1R
R39
1R
R40
1R
R41
1R
IRF9540NSTRLPBF
10nF 100V
C14
R4
3.3
C13
1nF 100V
1nF 100V
C22
R5
3.3
10nF 100V
C12
10K
1M
6.7K
NE5532ADR
U1
IRLML6302
6.7K
R44
1uF 16V
3.3
VD4
SMBJ10CA
VD3
SMBJ10CA
0.1uF
100K
TL072
U6
10K
22uF 25V
C2
1K
0.1uF
10K
TL072
U5
10K
22uF 25V
C5
C4
100
100
0.1uF
10K
0.1uF
10K
100pF
100K
TL072
U3
22uF 25V
C3
1K
0.1uF
6.7K
C9
1K
330pF
100
220K
C1
R11
C7
22uF 25V
0.1uF
VD2
SMBJ10CA
22uF 25V
C6
1K
1K
10K
U2
LM1117-3.3
22uF 25V
C43
0.1uF
R3
3.3
0.1uF
22K
10K
1uF 16V
1uF 16V
0.047uF
1uF 16V
0.1uF
R7
3.3
10K 3.3K
0.033uF
0.033uF
1uF 100V
1uF 100V
C15
C16
C50
C2
1uF 100V
1uF 100V
C51
C52
C1
1uF 100V
1uF 100V
C54
C53
0.033uF
0.033uF