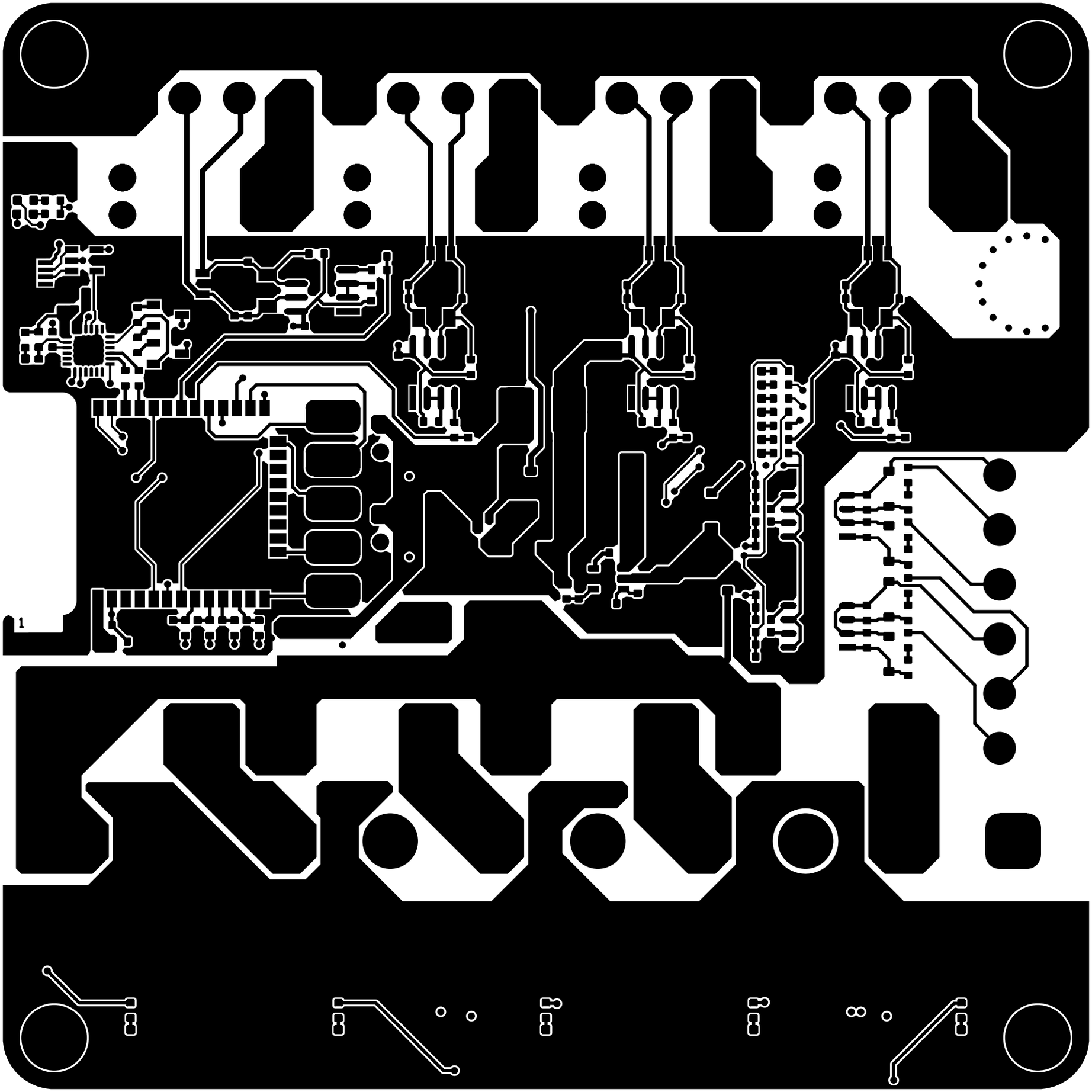
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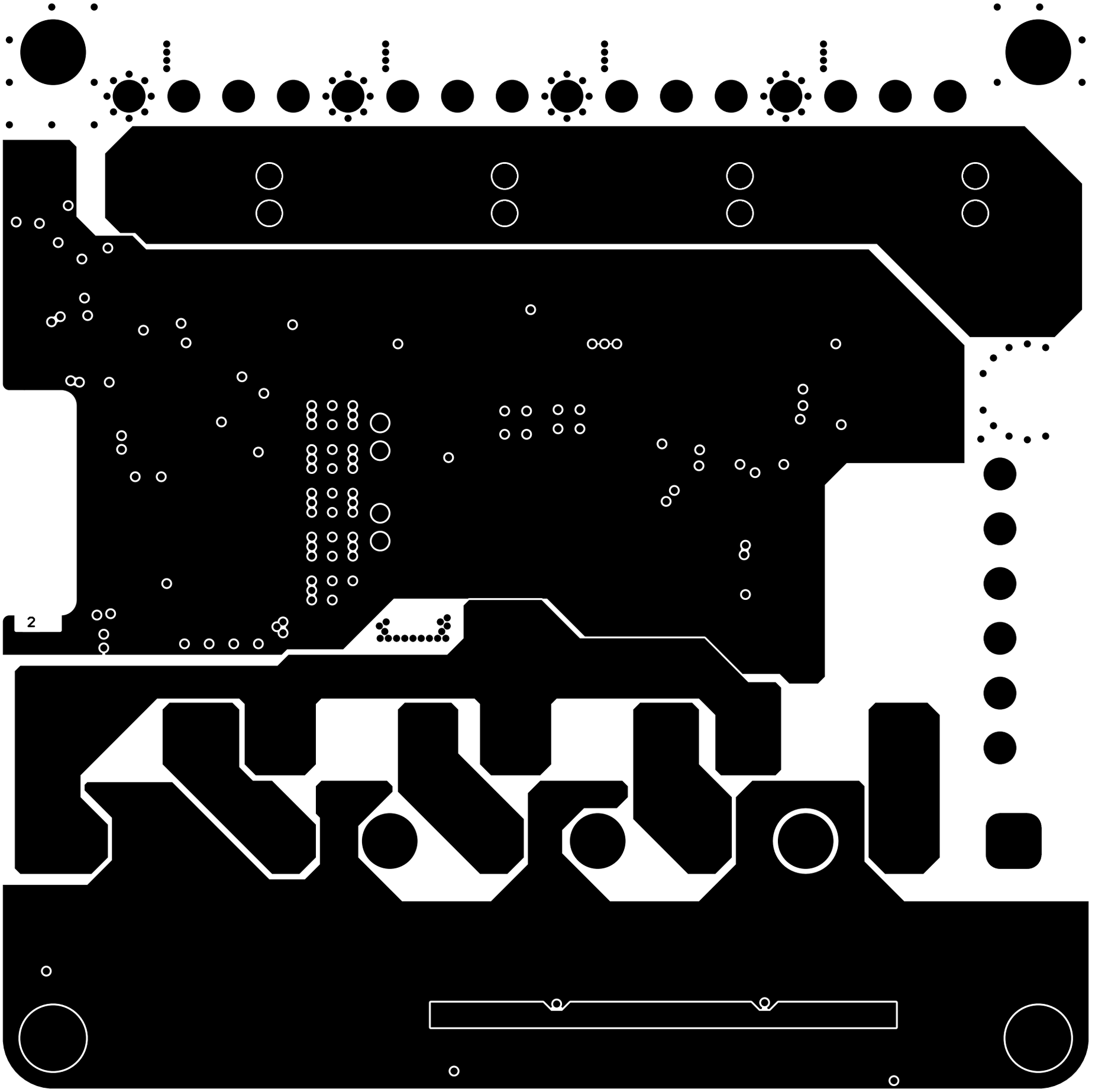
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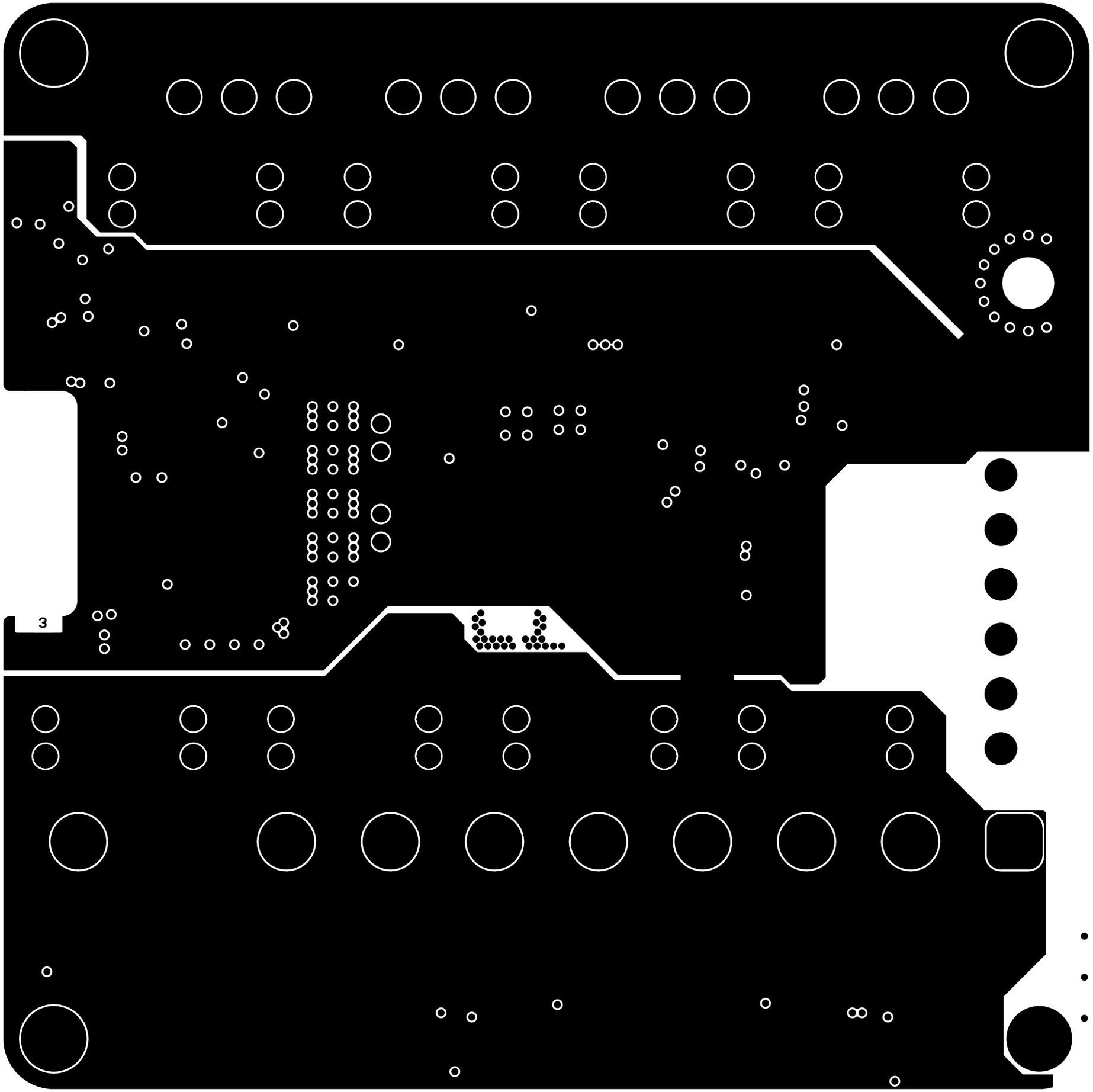
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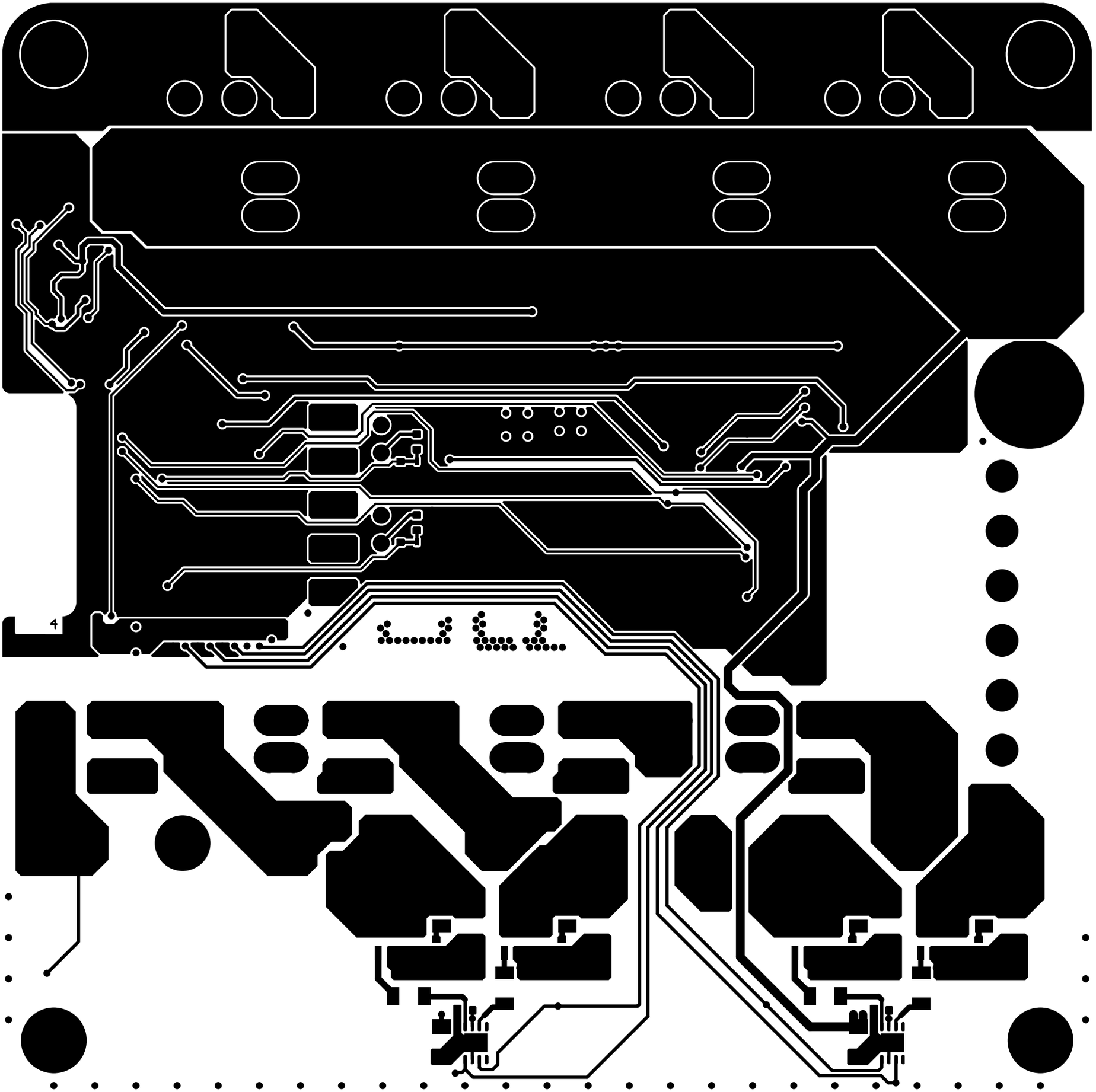
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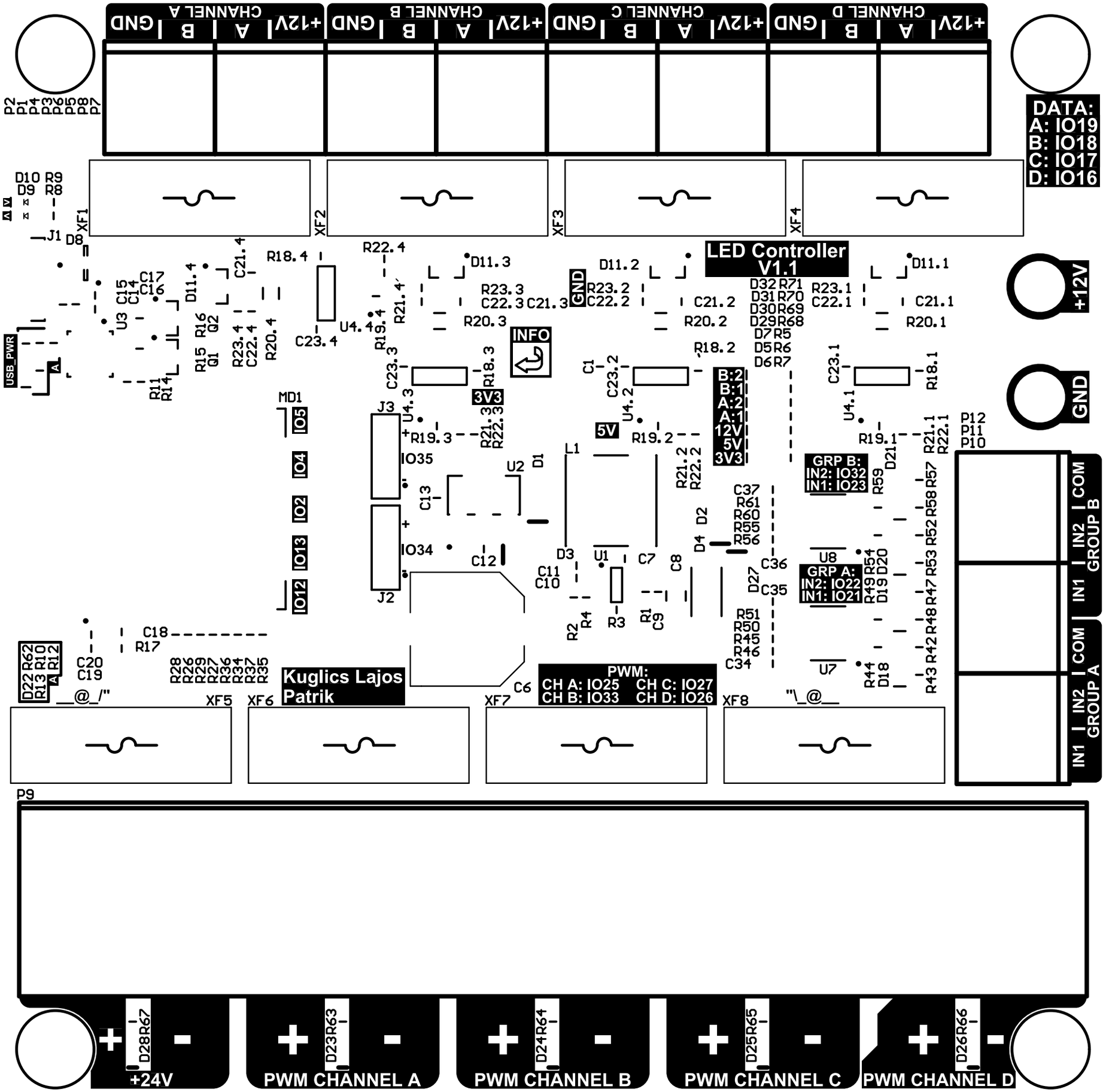
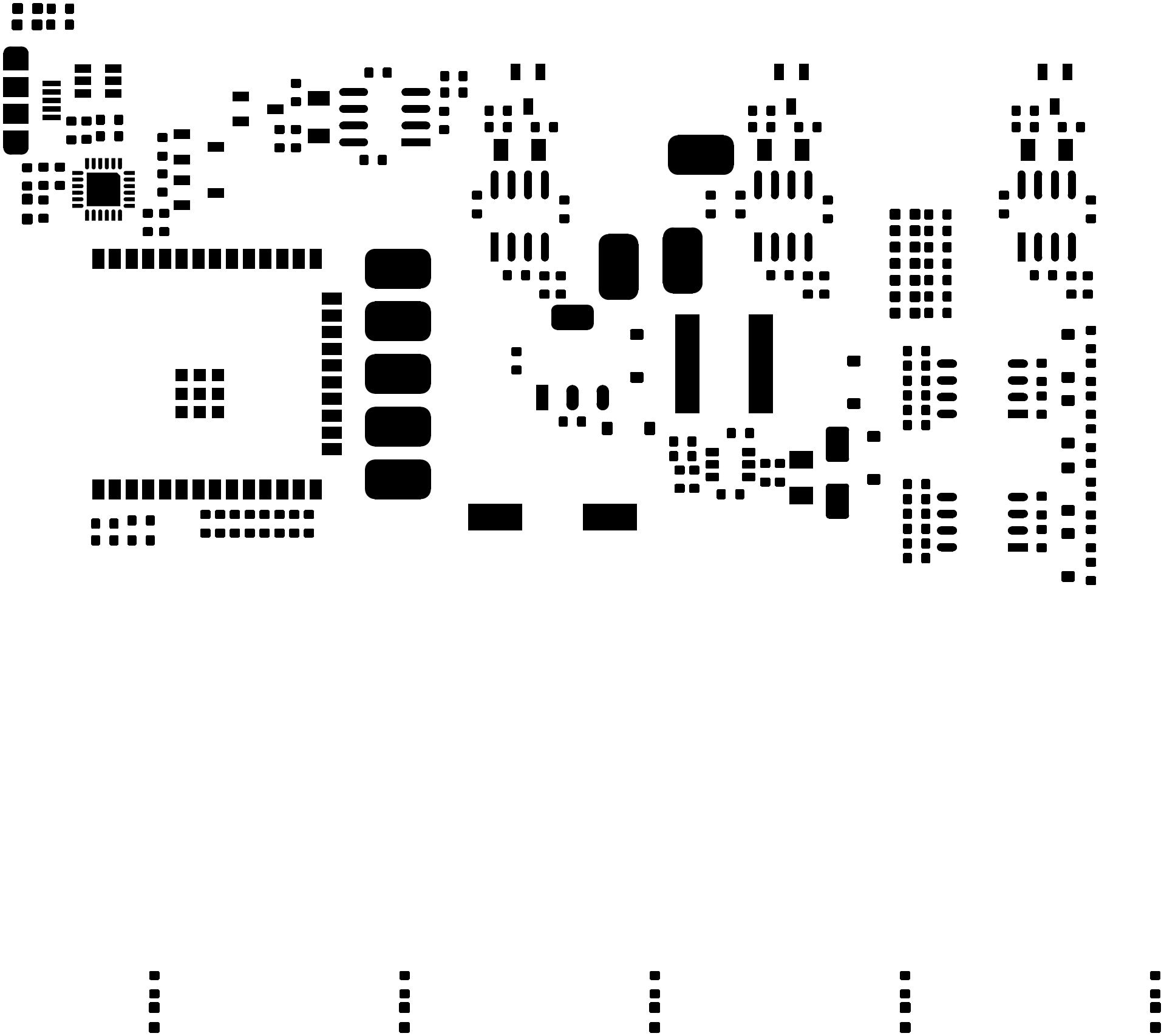
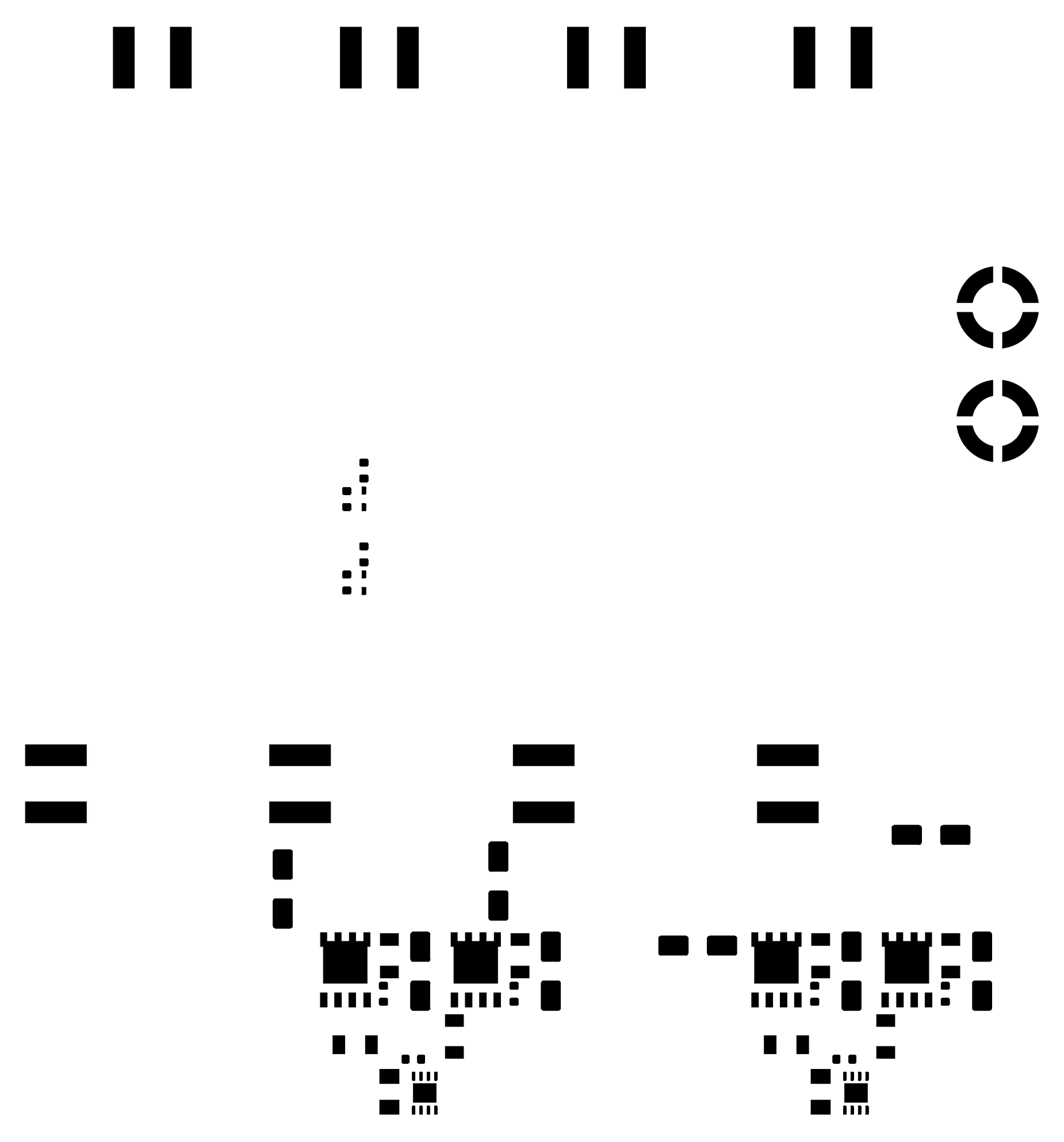
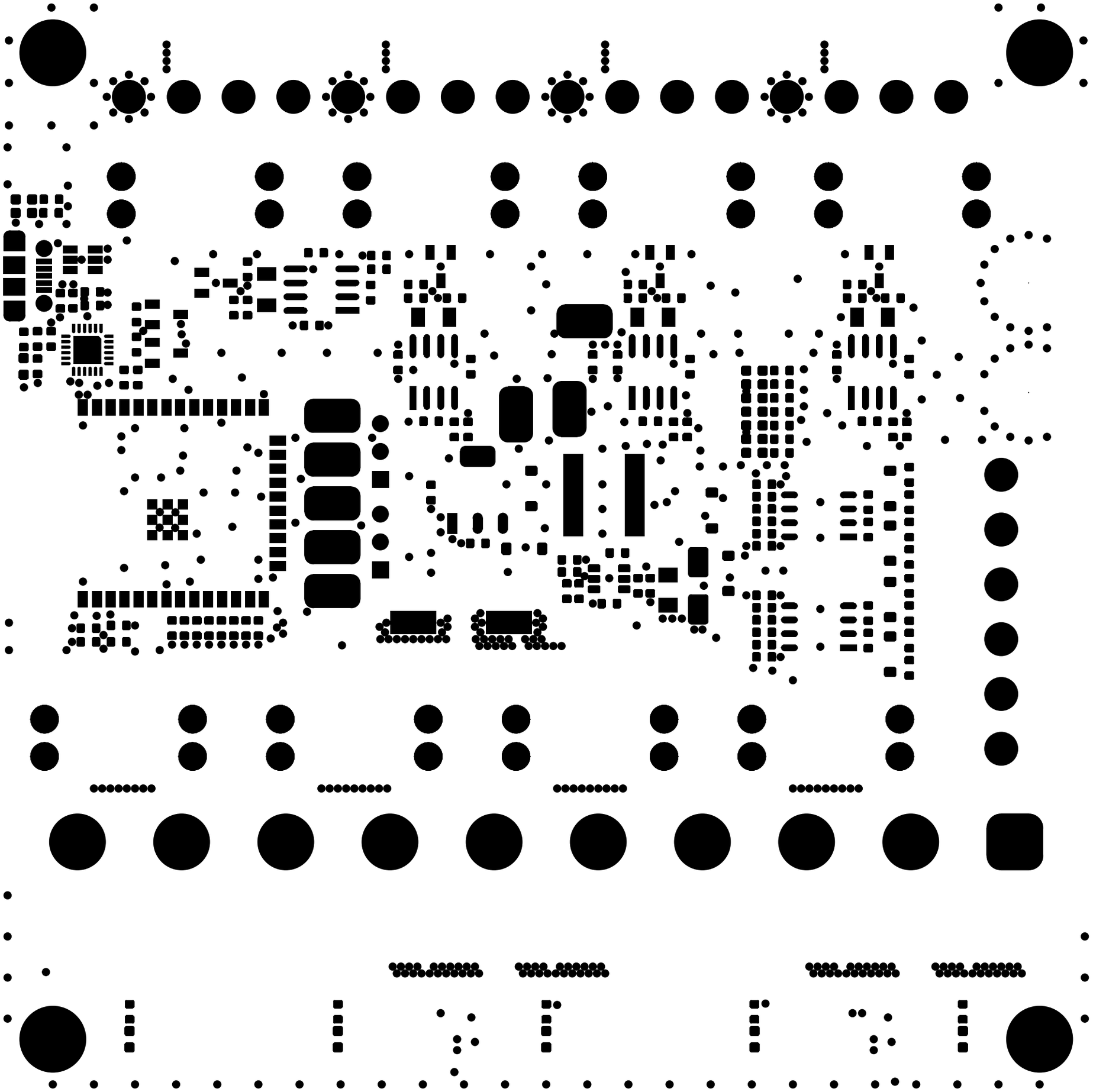
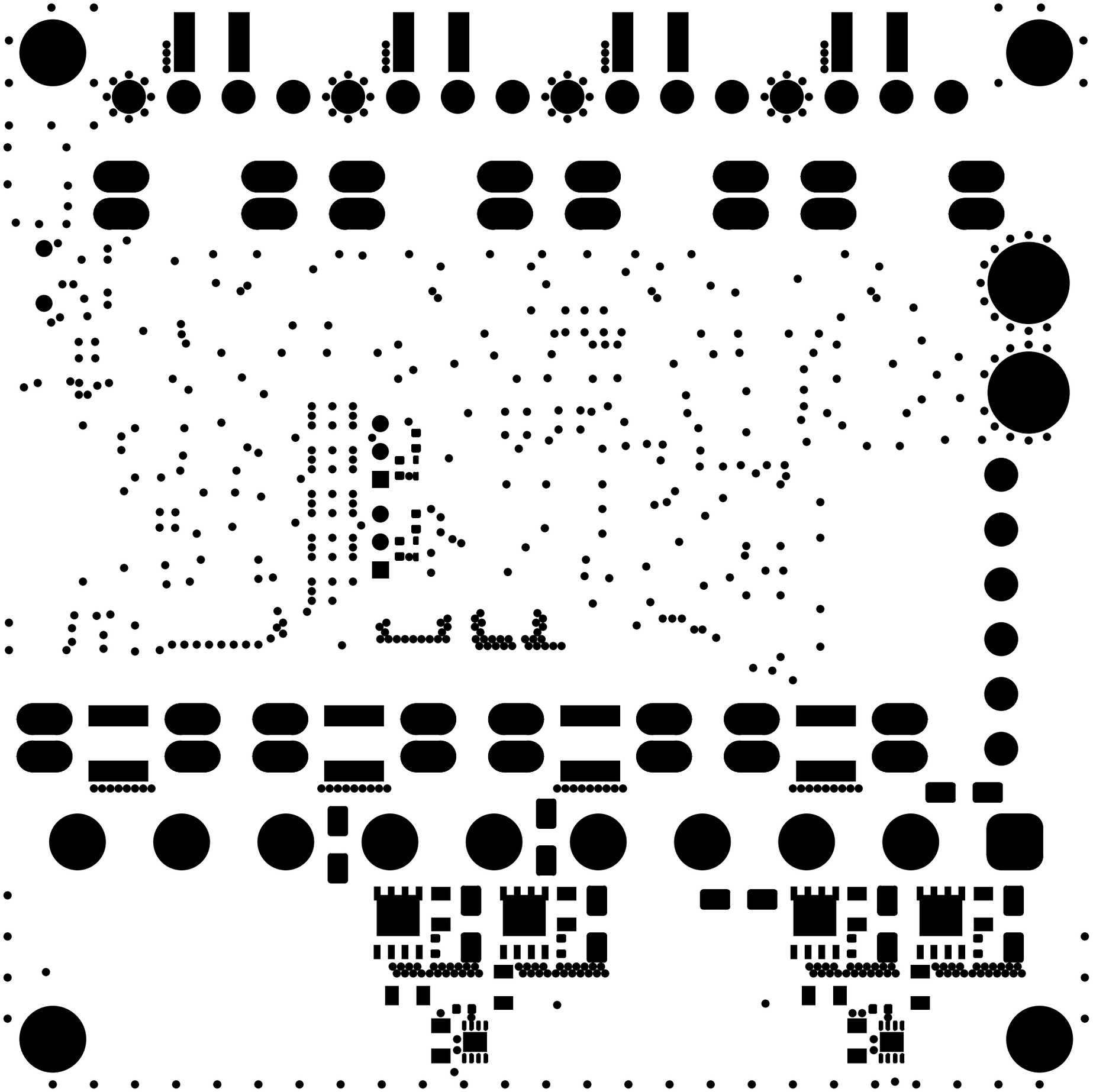

CHANNEL A
GND
B
A
+12V
CHANNEL B
CHANNEL C
CHANNEL D
DATA:
A: IO19
B: IO18
C: IO17
D: IO16
LED Controller
V1.1
+12V
GND
INFO
USB_PWR
MD1
IO5
IO4
IO2
IO13
IO12
J3
J2
IO35
IO34
3V3
5V
B:2
B:1
A:2
A:1
12V
5V
3V3
GRP B:
IN2: IO32
IN1: IO23
GRP A:
IN2: IO22
IN1: IO21
PWM:
CH A: IO25
CH B: IO33
CH C: IO27
CH D: IO26
Kuglics Lajos
Patrik
IN1
IN2
COM
GROUP B
GROUP A
XF1
XF2
XF3
XF4
XF5
XF6
XF7
XF8
P9
+24V
PWM CHANNEL A
PWM CHANNEL B
PWM CHANNEL C
PWM CHANNEL D

90 mm
C2
C40
C41
C4
90 mm
Board size:
100x100mm
Group A/B inputs:
50V max.
Trigger level: ~10V
PWM:
30A/channel, 50A total
Digital O/P channels:
5V diff. output
20A/channel, 50A total
+12V limits: 10-14V
+24V limits: 0-26V
J2/J3 headers:
+: 3.3V
-: GND
IO: 0-3.3V analog in
C33
D12.7
R40
C32
D12.7
R41
C38
C3
C5
C39
D36
D33
D34
D35
Q4
R30
D13
Q3
R34
D12
Q6
R38
D15
Q5
R37
D14
C29
C28
C27
C26
C25
C24
C23
C30
C31
R31
R32
R39
R33
r = 5mm
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Kvglice Tajos Patrik
16.10.2020