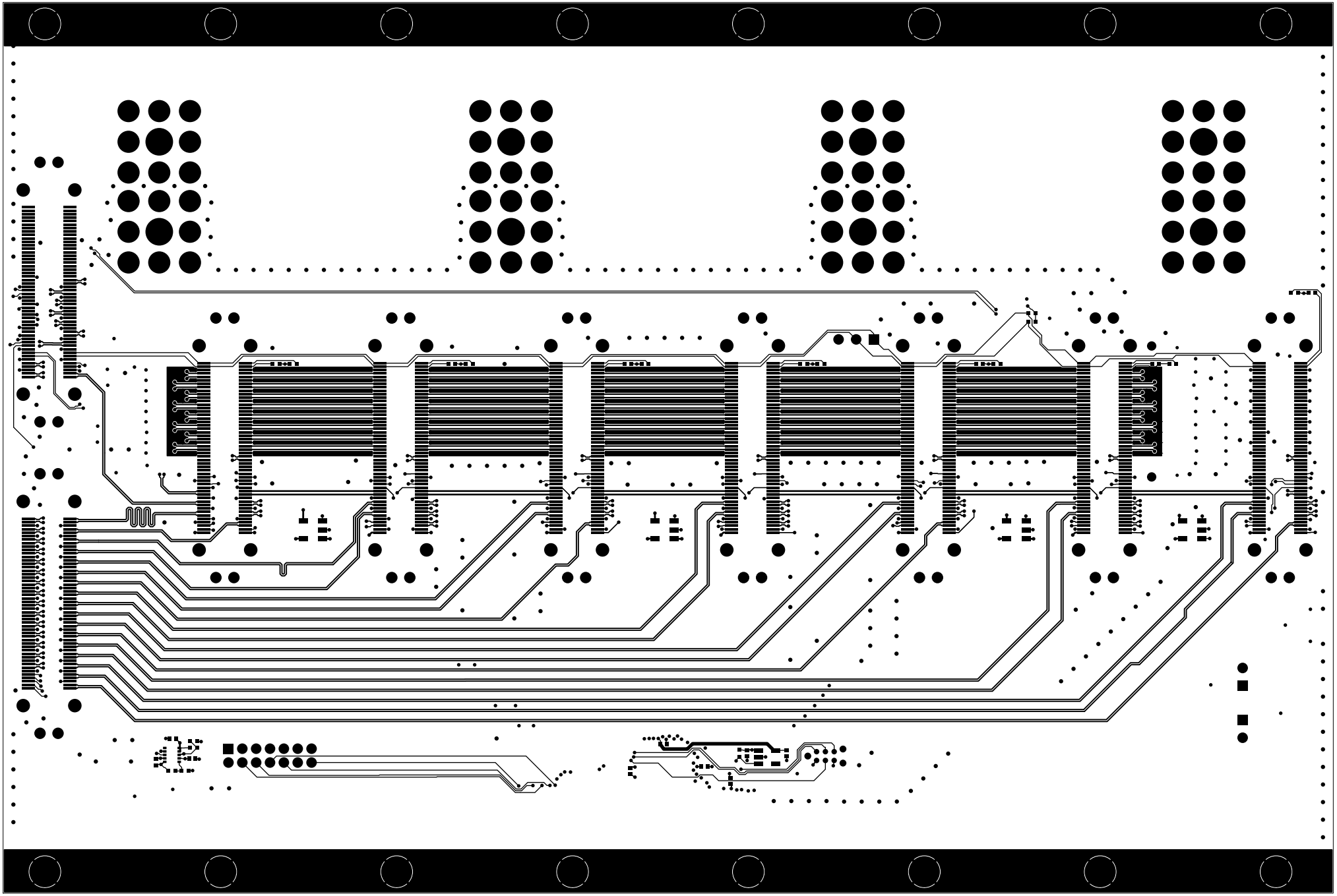

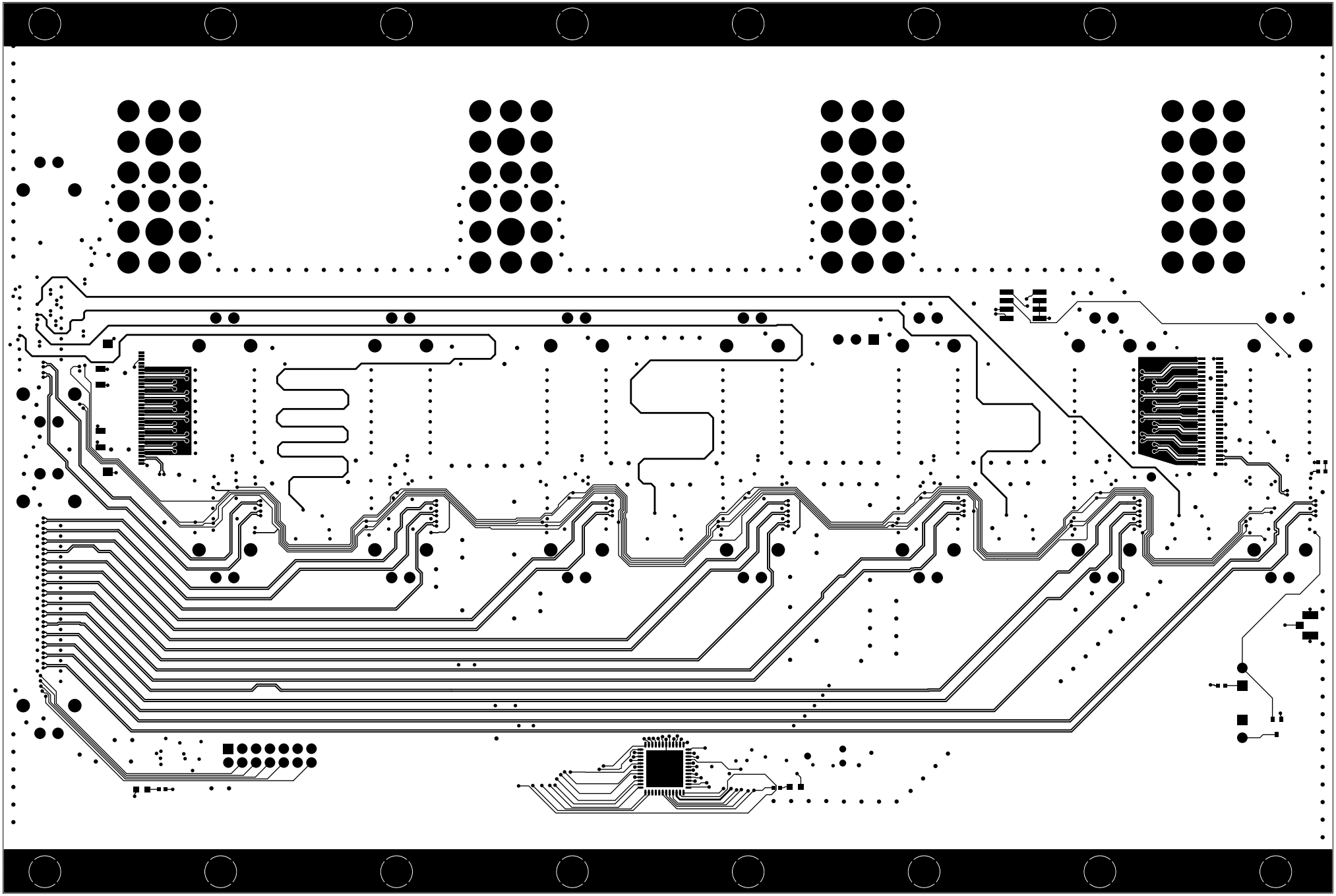

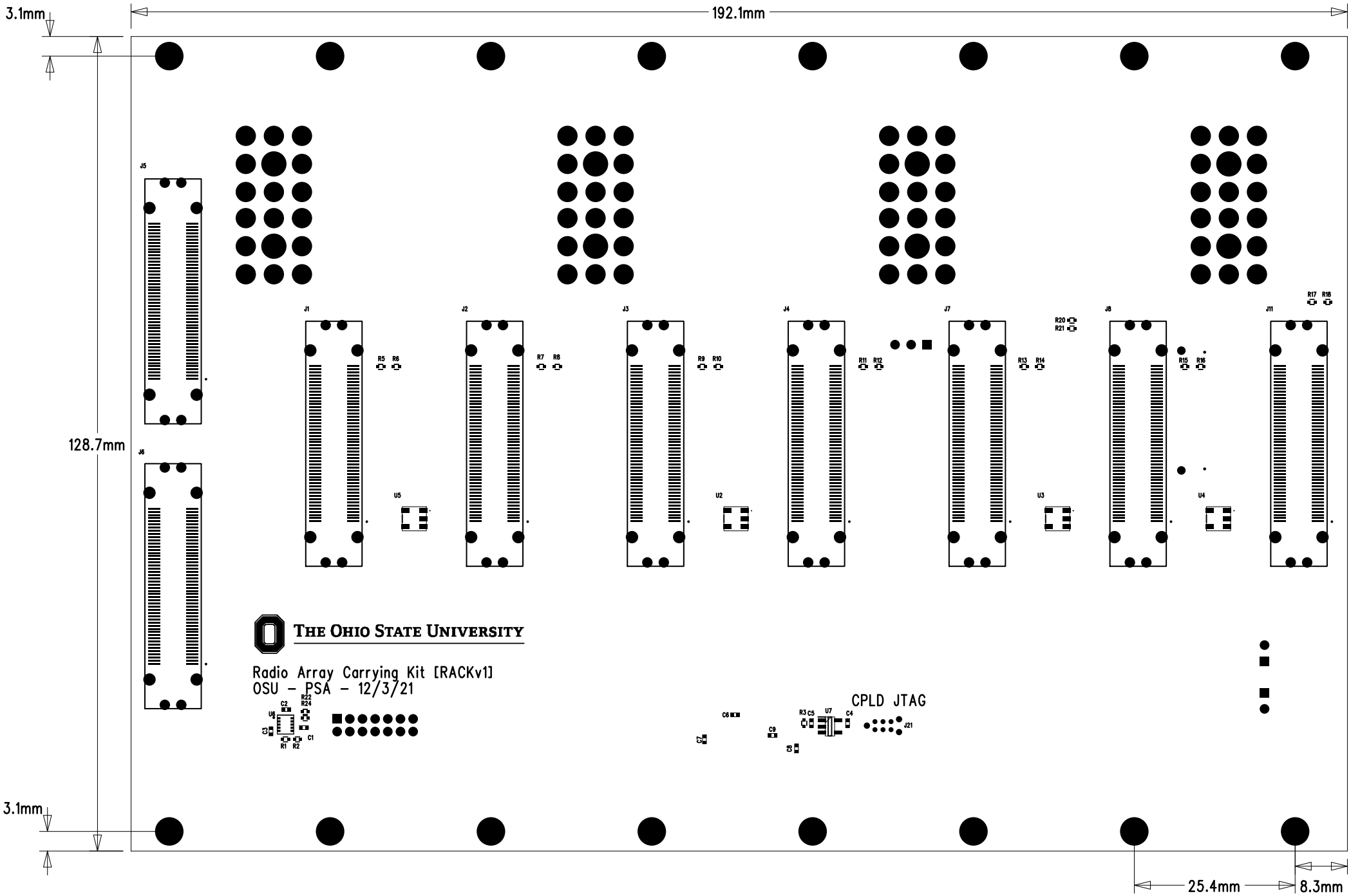
3.1mm
192.1mm
128.7mm
3.1mm
25.4mm
8.3mm
J5
J6
J1
J2
J3
J4
J7
J8
J11
R5 R6
R7 R8
R9 R10
R11 R12
R13 R14
R15 R16
R17 R18
R20
R21
U5
U2
U3
U4
THE OHIO STATE UNIVERSITY
Radio Array Carrying Kit [RACKv1]
OSU - PSA - 12/3/21
CPLD JTAG
C2
R22
R24
U6
C3
R1 R2
C1
C6
C7
C9
C8
R3 C5
U7
C4
J21

THE OHIO STATE UNIVERSITY
PUEO
+12V
GND
+12V
GND
+12V
GND
+12V
GND
S1
I2C PULLUPS ON
CONDUCTION
V POL
RIGHT
I2C PULLUPS OFF
CONVECTION
H POL
LEFT
ON
OFF
J22
GND
SDA
SCL
J10
J9
R19
R4
I2C 0x46
I2C 0x42
I2C 0x41
I2C 0x40
I2C 0x12
I2C 0x11
I2C 0x10
J20
CAL OUT
J23
LOGIC ENABLE
ENABLE
MOTOR
R25
R24
U36
U1
J24
RACK JTAG
3.3VSB OK
R26
X18
X17
R23