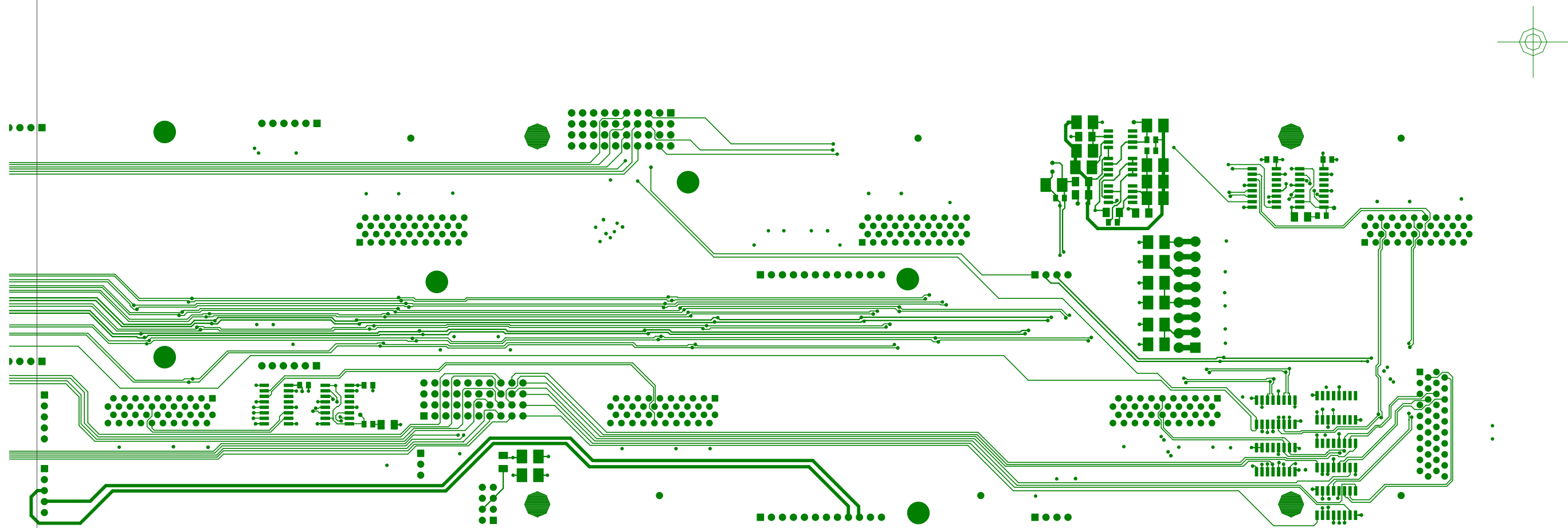
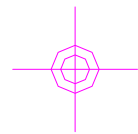
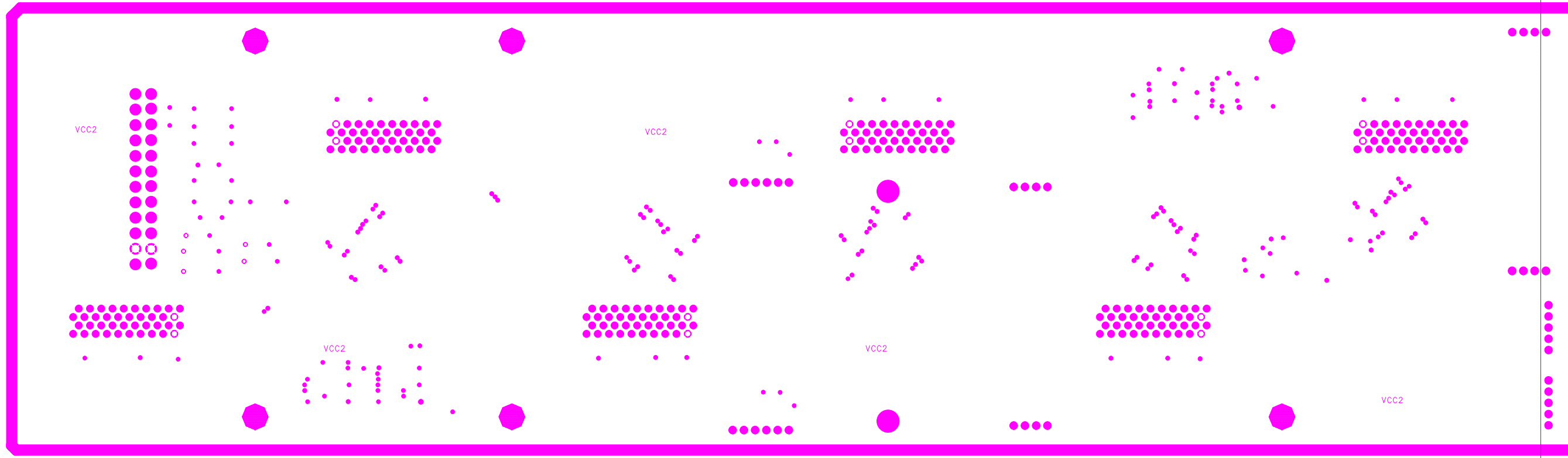
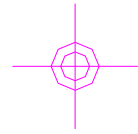


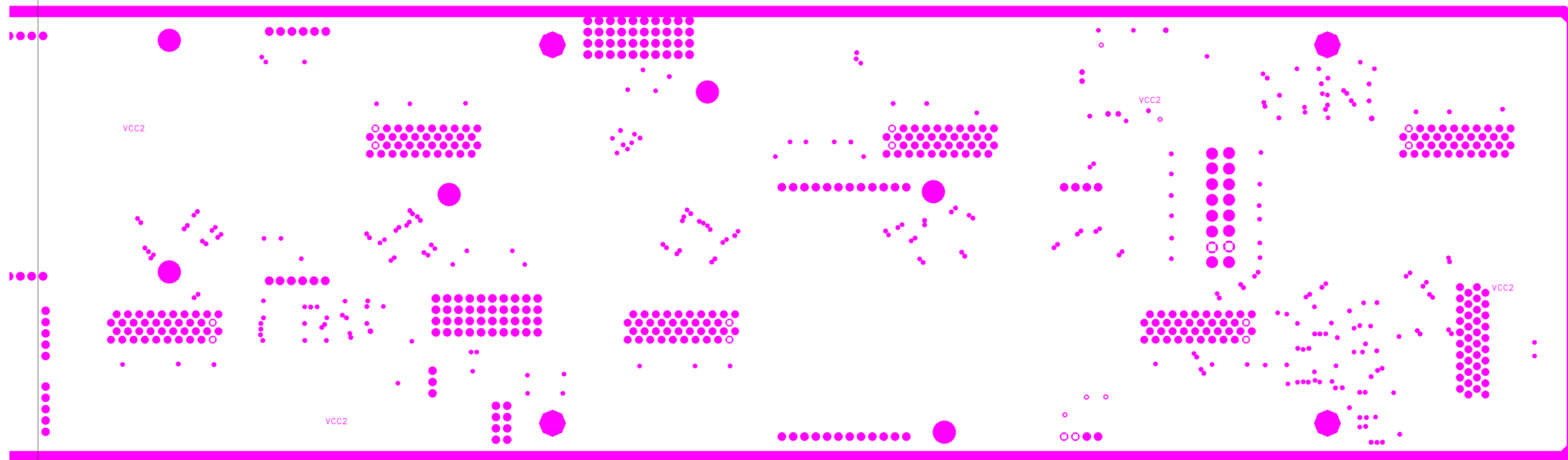
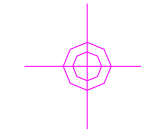
FILM1: Top Co



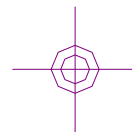
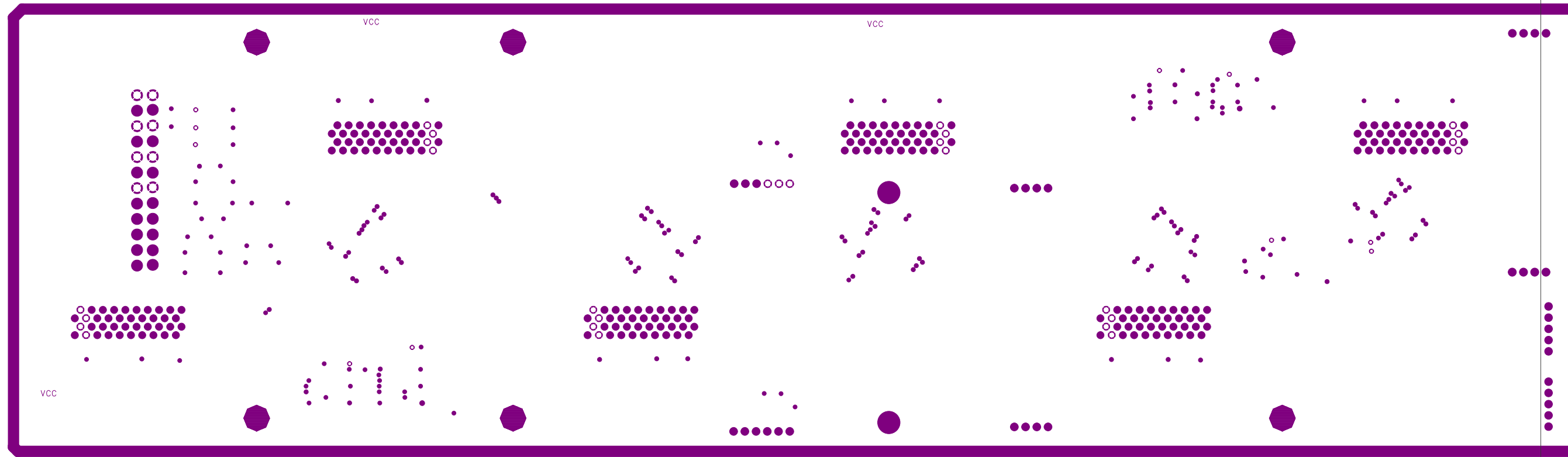
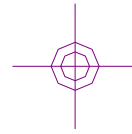
Component Layer (Signal_1)



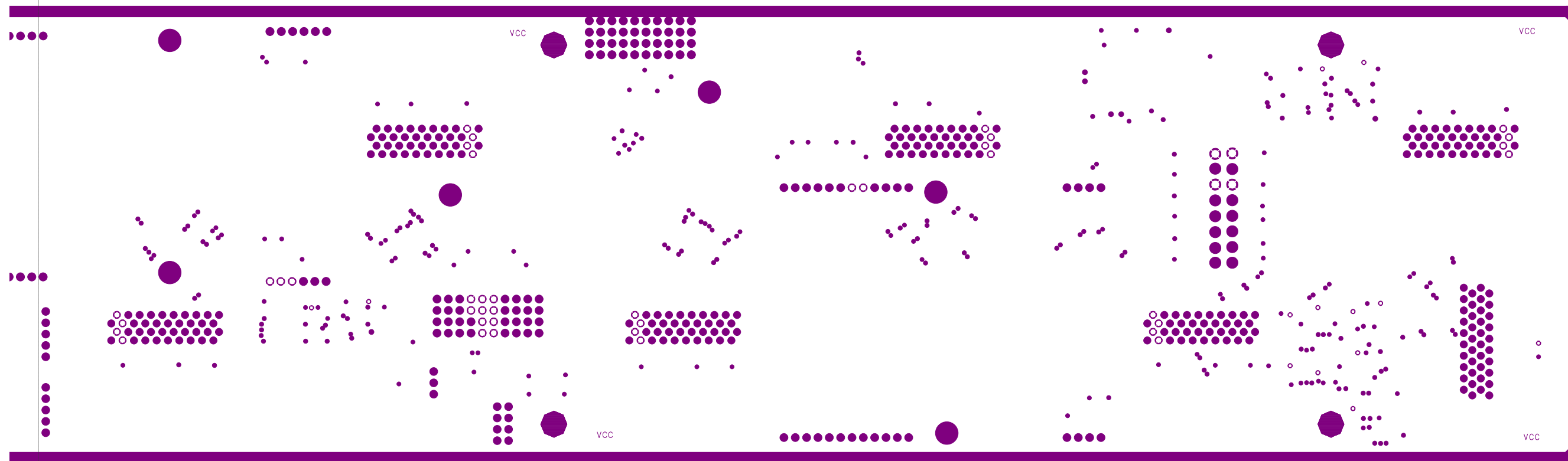
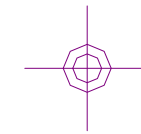
FILM2: Power



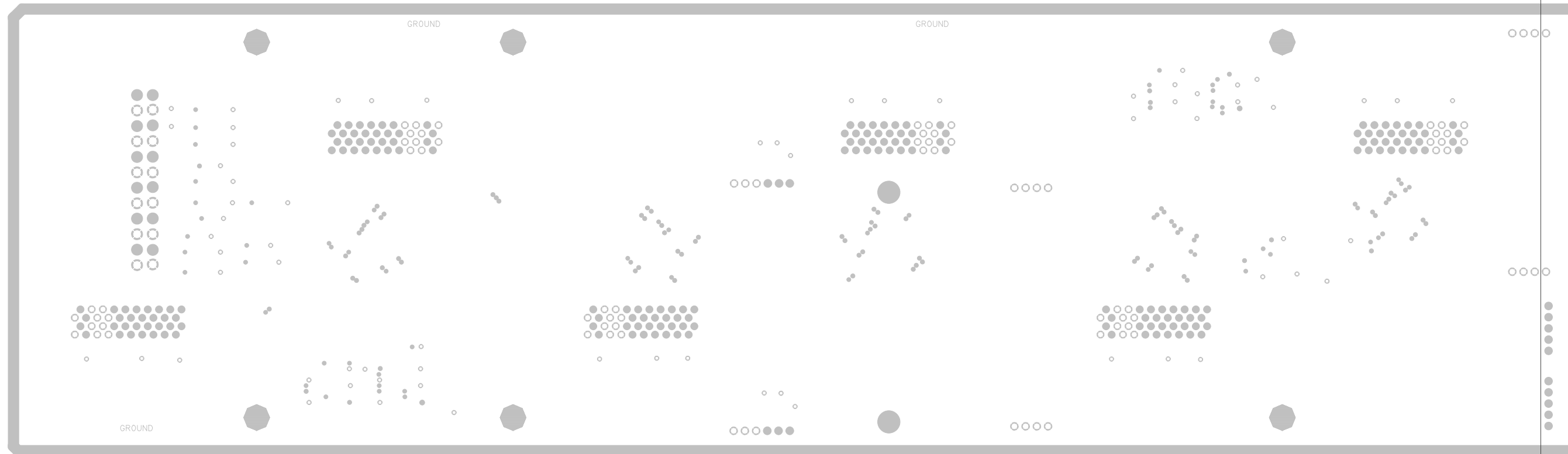
Power Plane (VCC2)



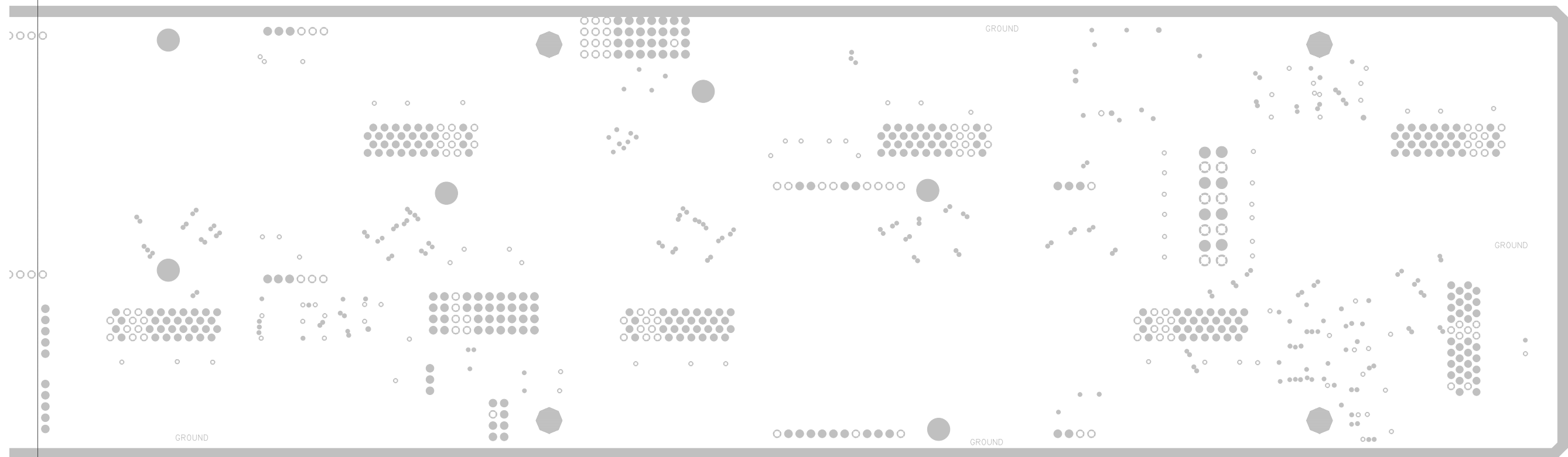
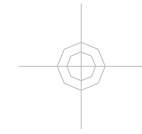
FILM3: Power



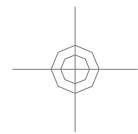
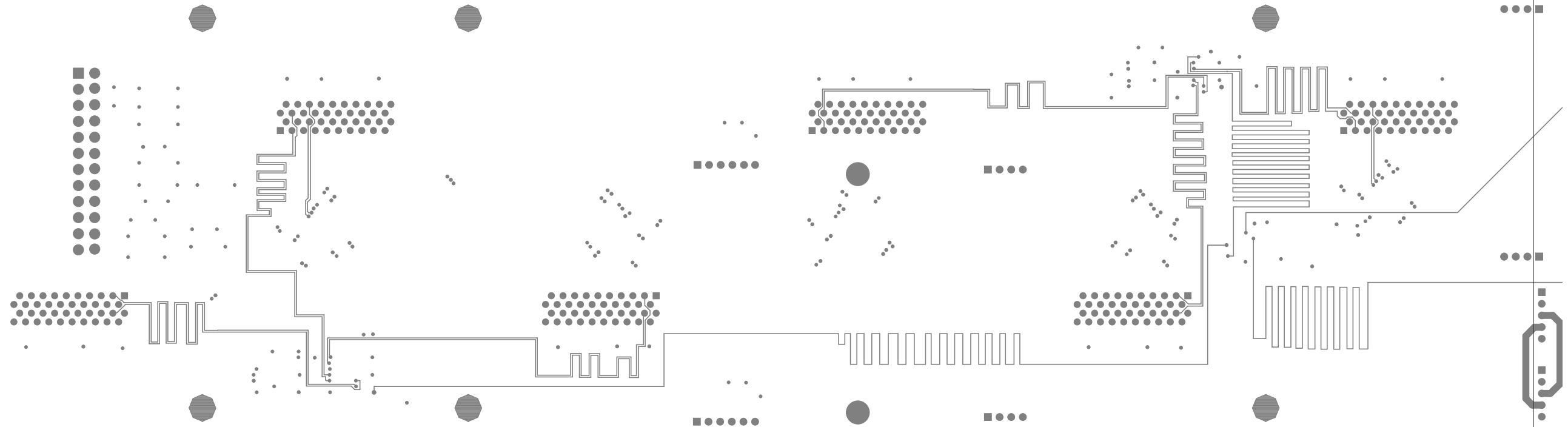
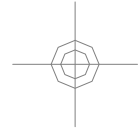
Power Plane (VCC)



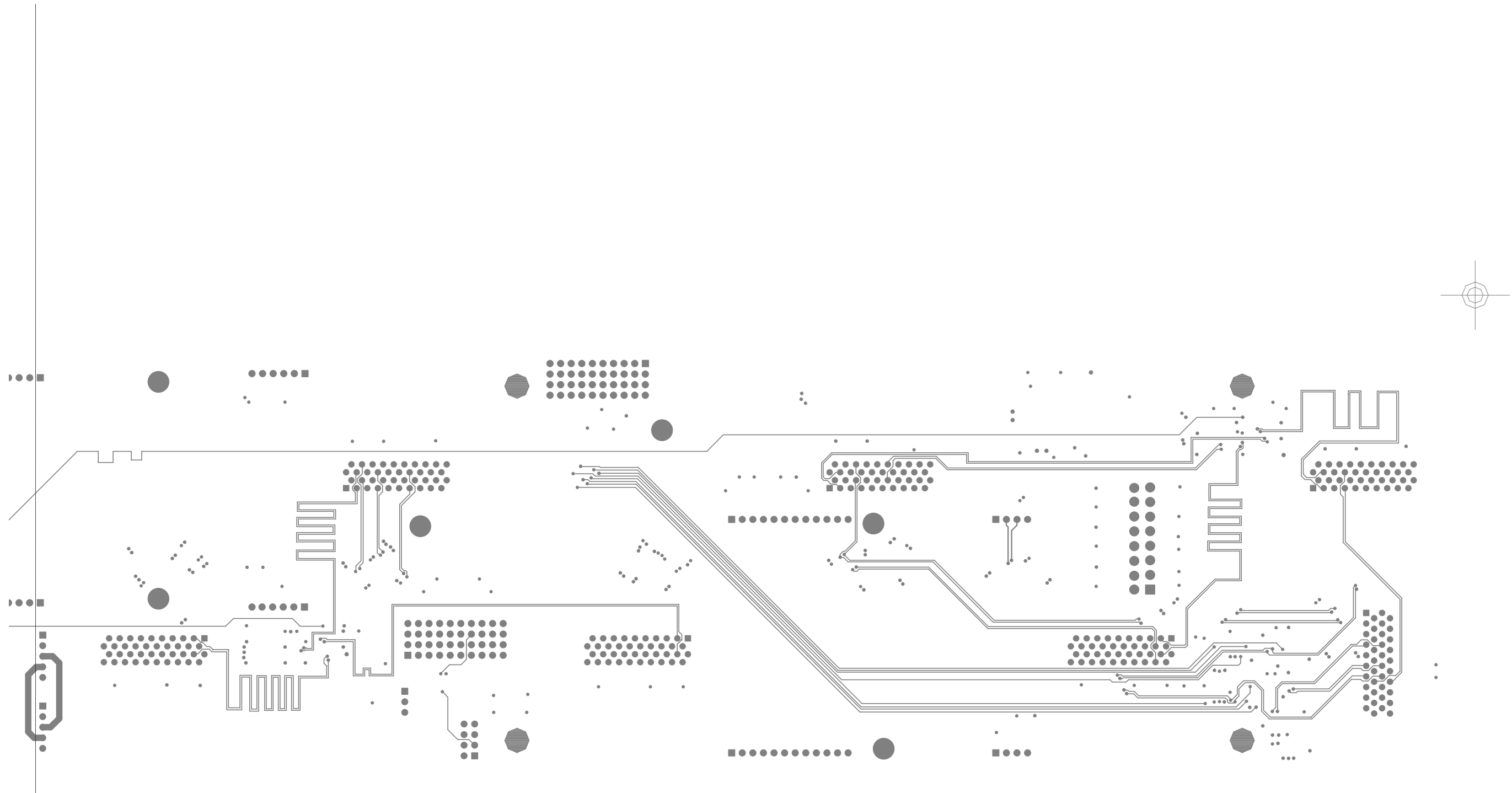
FILM4: Power



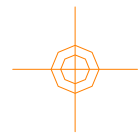
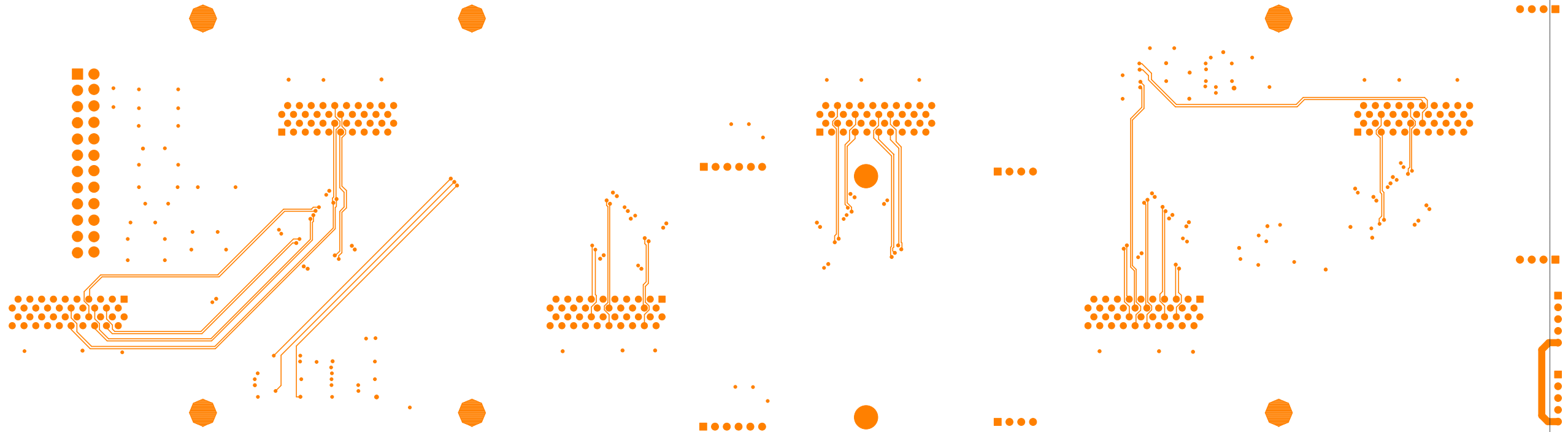
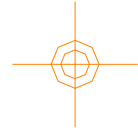
Level Plane (GROUND)



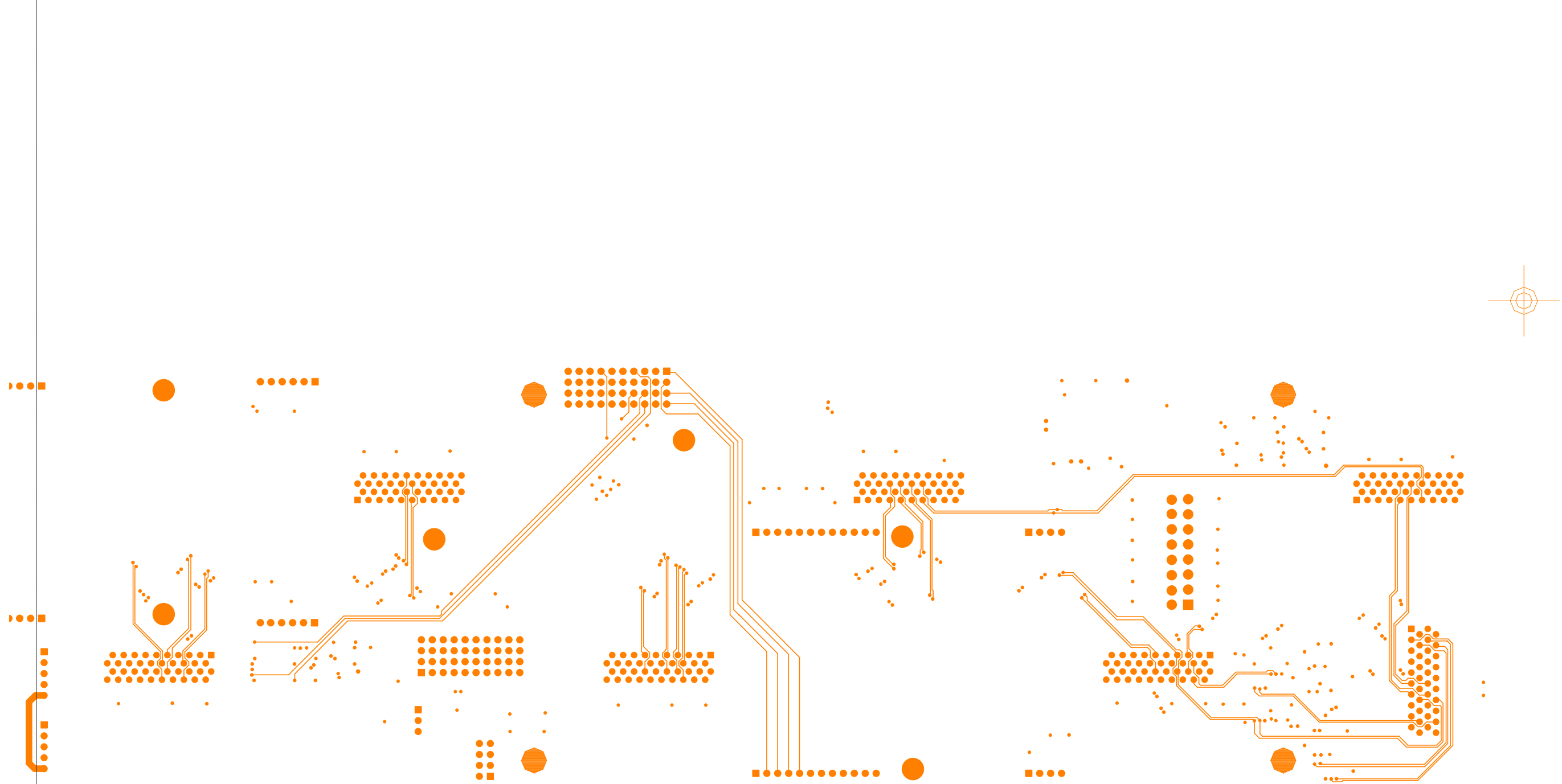
FILM5: Inner



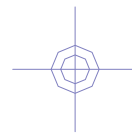
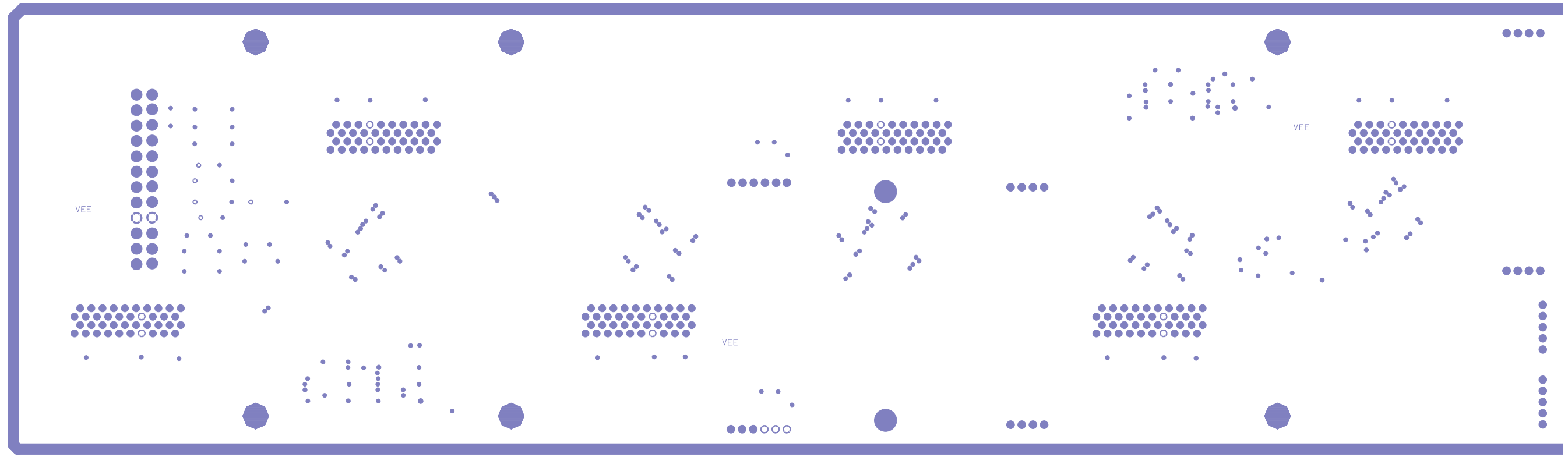
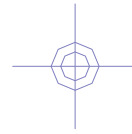
Inner Signal Layer (Signal_3)



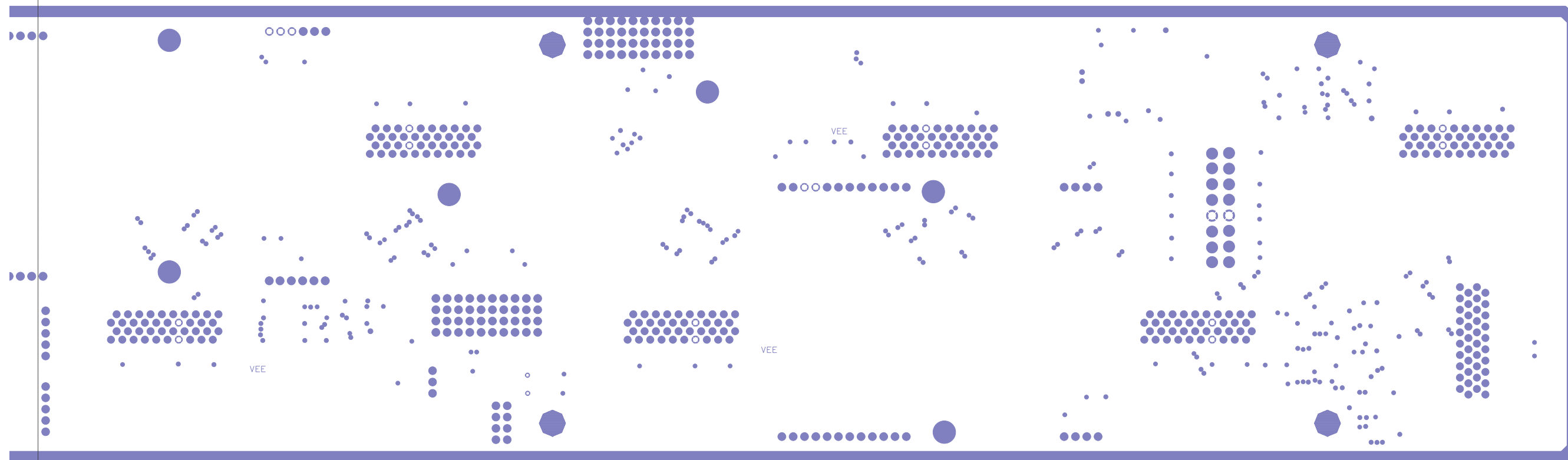
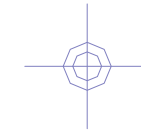
FILM6: Inner



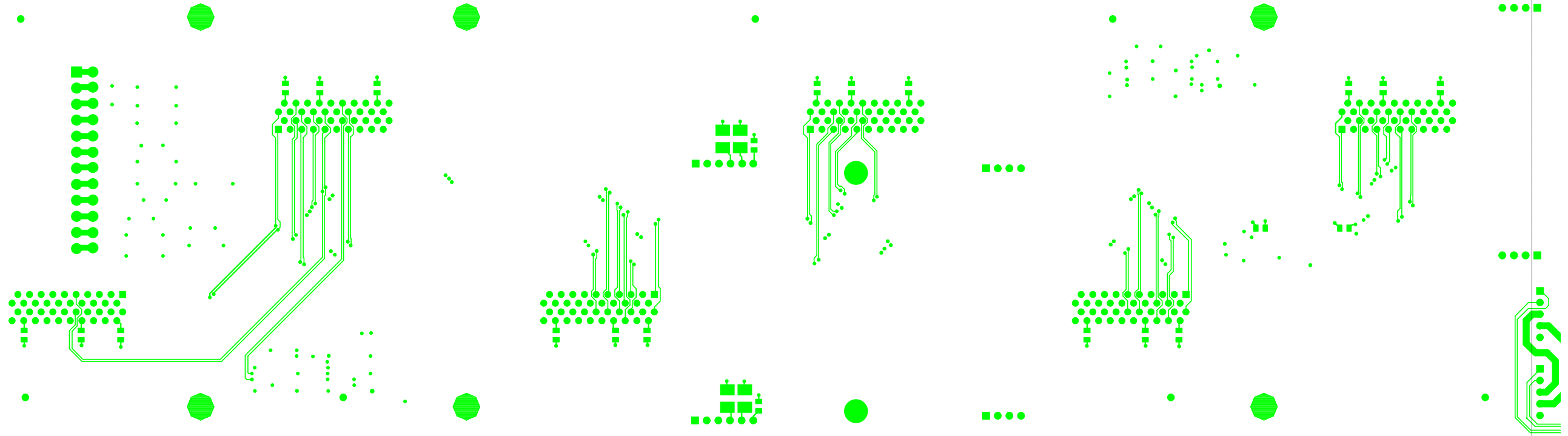
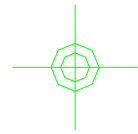
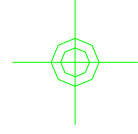
Inner Signal layer (Signal_4)



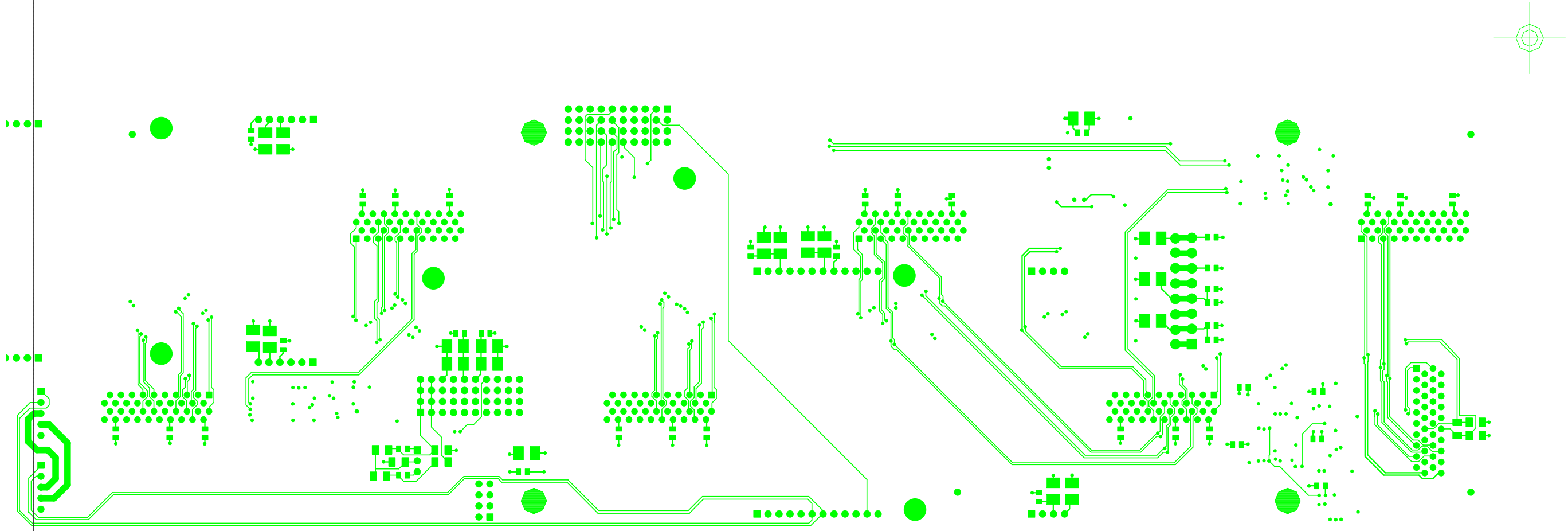
FILM7: Power



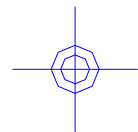
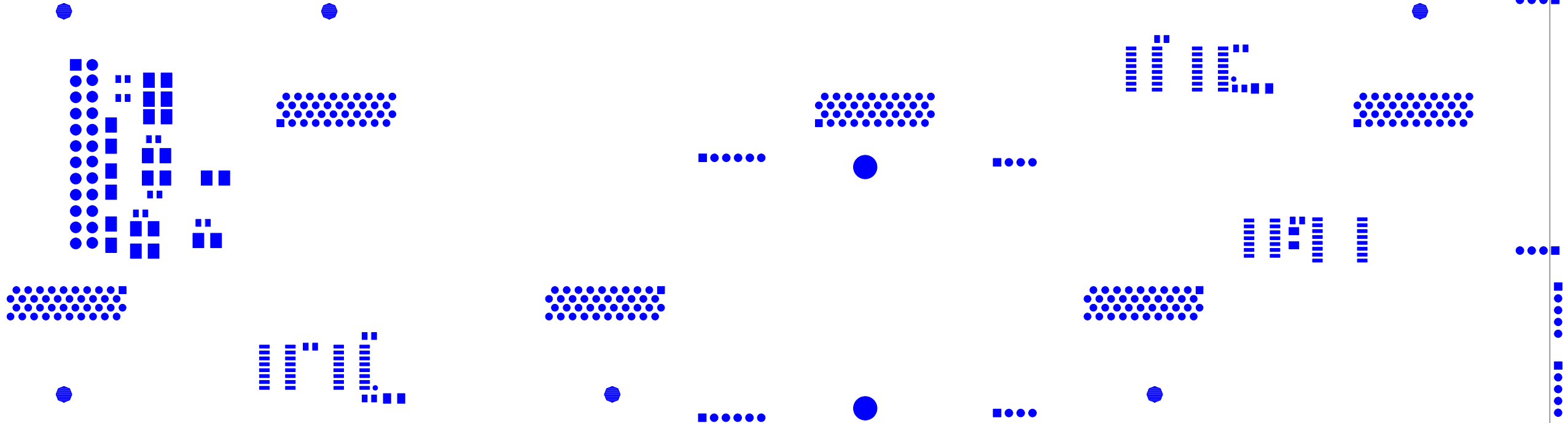
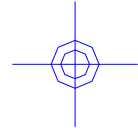
wer Plane (VEE)

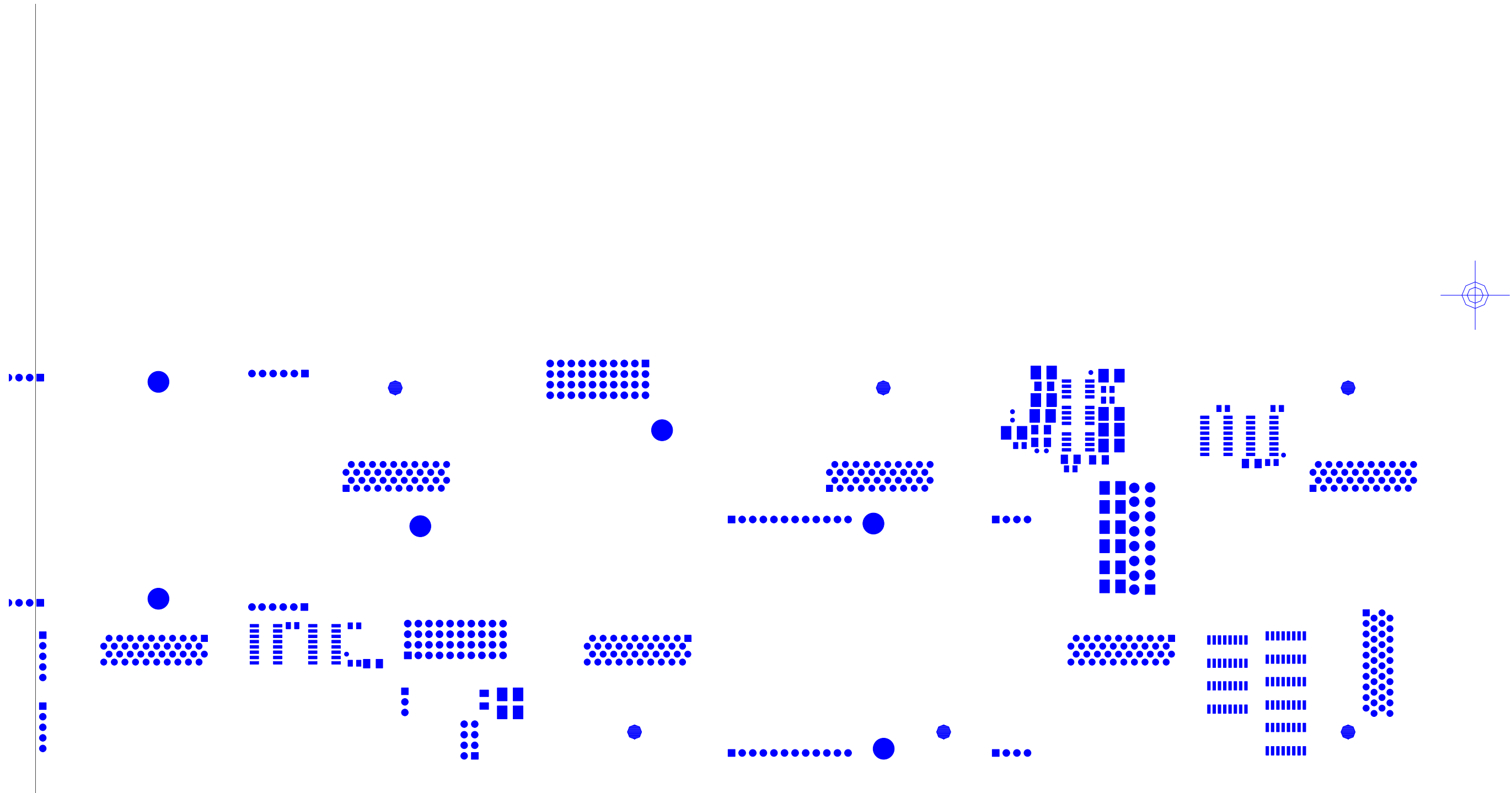


Layer (Signal_2)

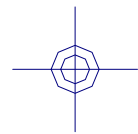
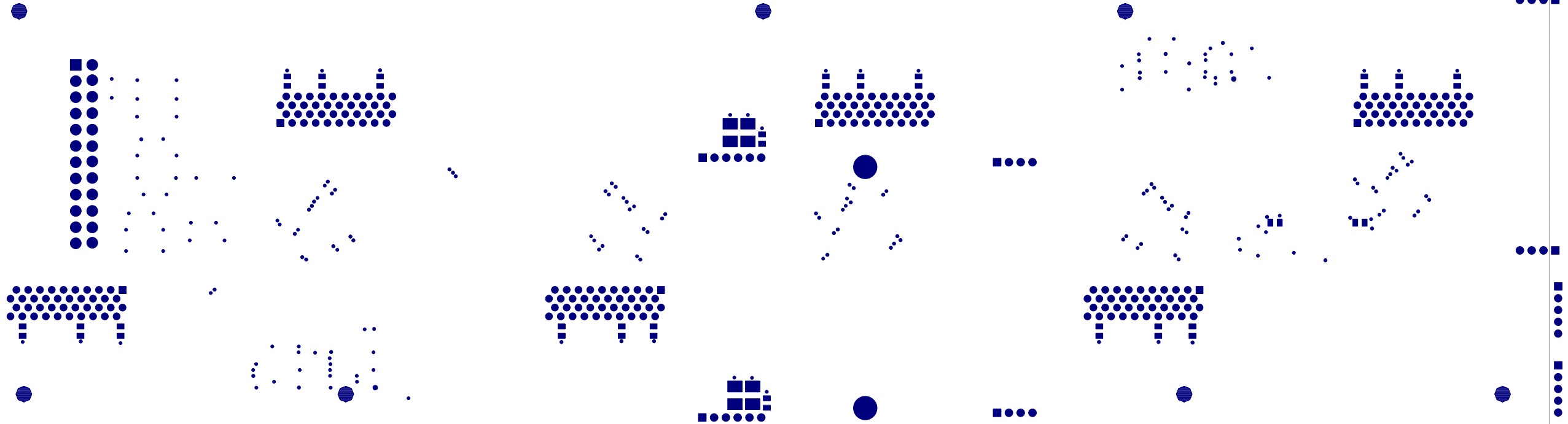
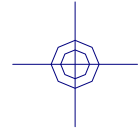


FILM8 : Bottom Component Lay



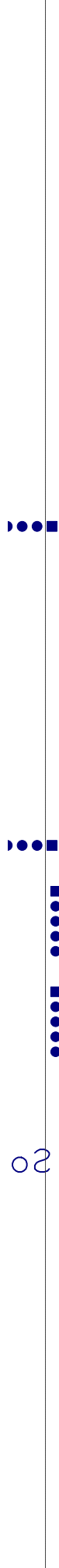
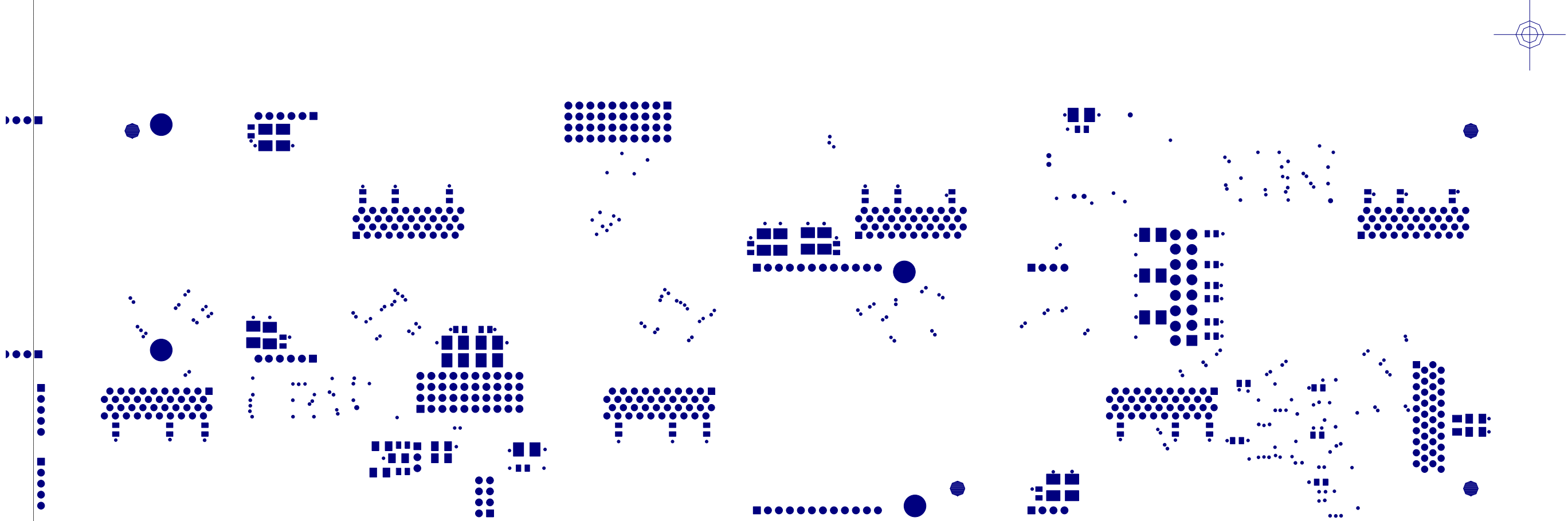


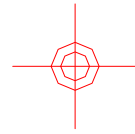
Top Solder Mask)



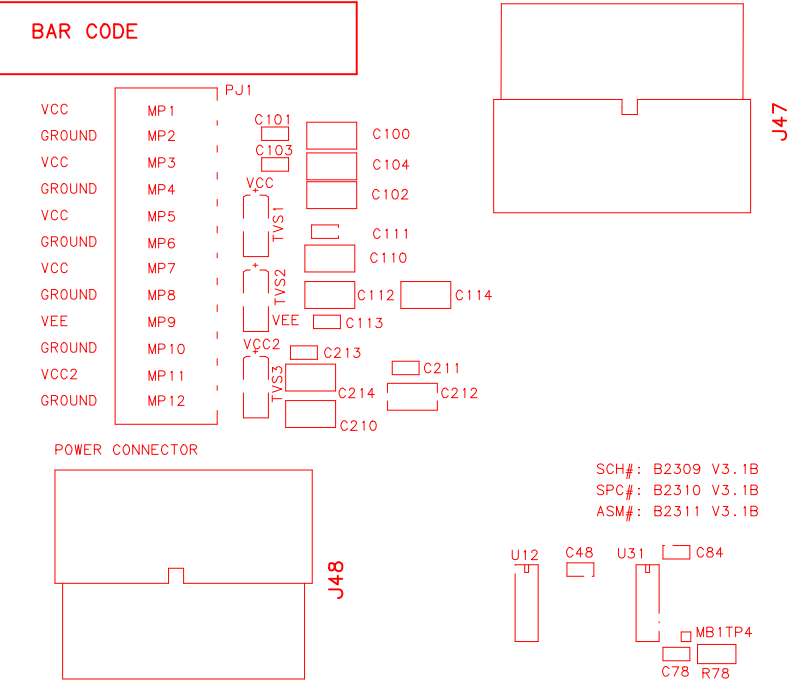
(Solder Mask)

FILM 10 : (Bottom 20

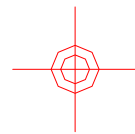
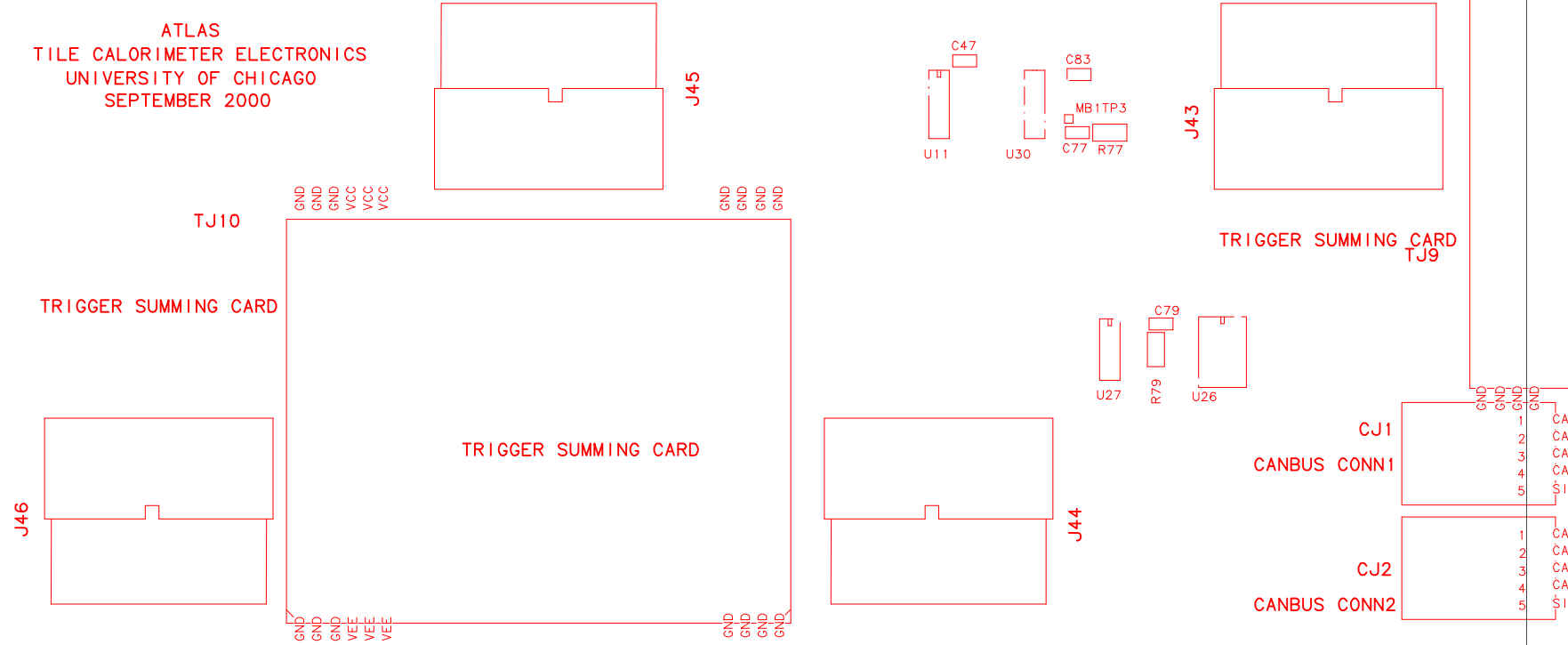


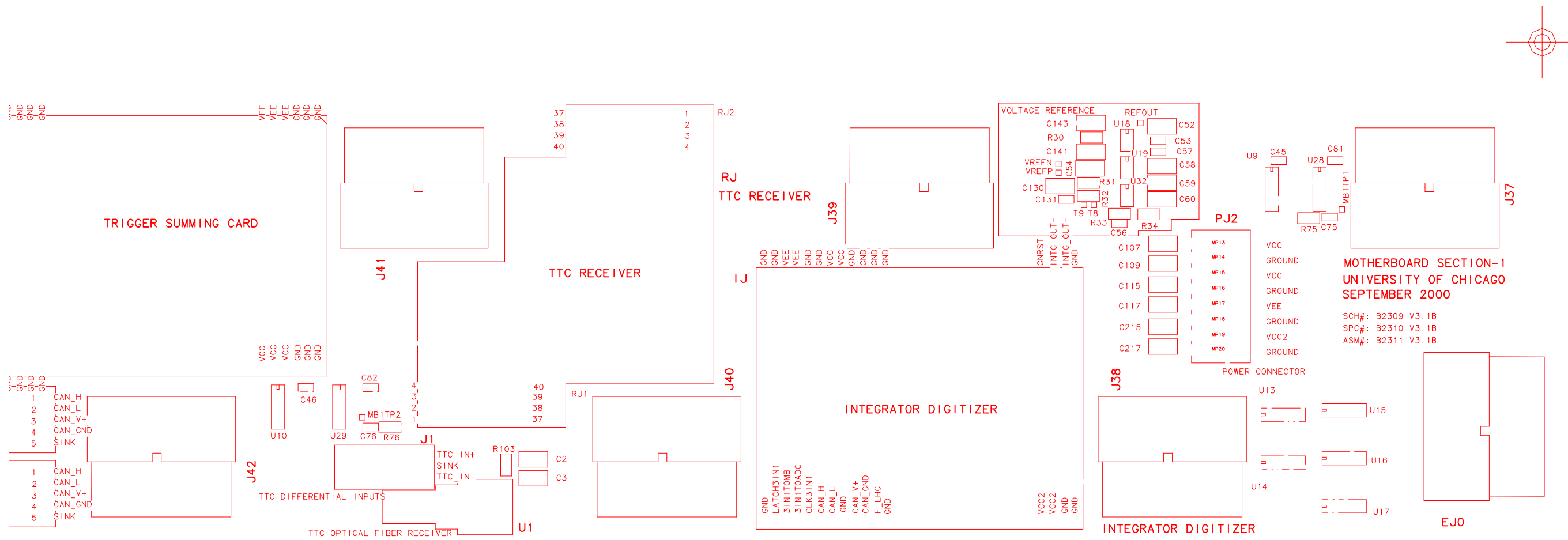


MOTHERBOARD SECTION-1



ATLAS
TILE CALORIMETER ELECTRONICS
UNIVERSITY OF CHICAGO
SEPTEMBER 2000





(Top Silkscreen)

MOTHERBOARD SECTION-1
 UNIVERSITY OF CHICAGO
 SEPTEMBER 2000
 SCH#: B2309 V3.1B
 SPC#: B2310 V3.1B
 ASM#: B2311 V3.1B



C334
C332
C330

C218
C314
C216

SEPTEMBER 2000
UNIVERSITY OF CHICAGO
MOTHERBOARD SECTION-1
ASM# : B5311 V3.1B
SPC# : B5310 V3.1B
SCH# : B5309 V3.1B

C221
C220
C222

C124
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C122

C125
C121
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C212
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C213

C338
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C330

C80
C82

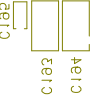
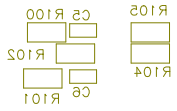
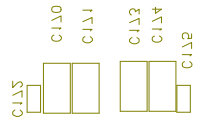
C133
C131
C130

com Silkscreen)



MOTHERBOARD SECTION-1
UNIVERSITY OF CHICAGO
SEPTEMBER 2000

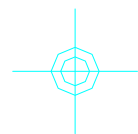
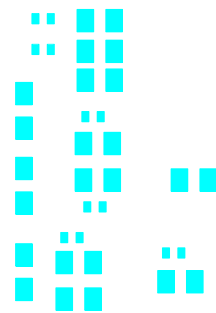
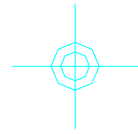
A2M#: B5311 V3.1B
SPC#: B5310 V3.1B
SCH#: B5309 V3.1B



MOTHERBOARD SECTION-1
UNIVERSITY OF CHICAGO
SEPTEMBER 2000

A2M#: B5311 V3.1B
SPC#: B5310 V3.1B
SCH#: B5309 V3.1B

FILM15 : (Bottom



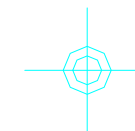
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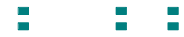
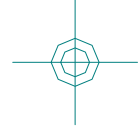
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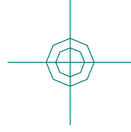
0000 0000
0000 0000
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(Top Paste Mask)



(Paste Mask)



FILM14: (Bot Pos)

