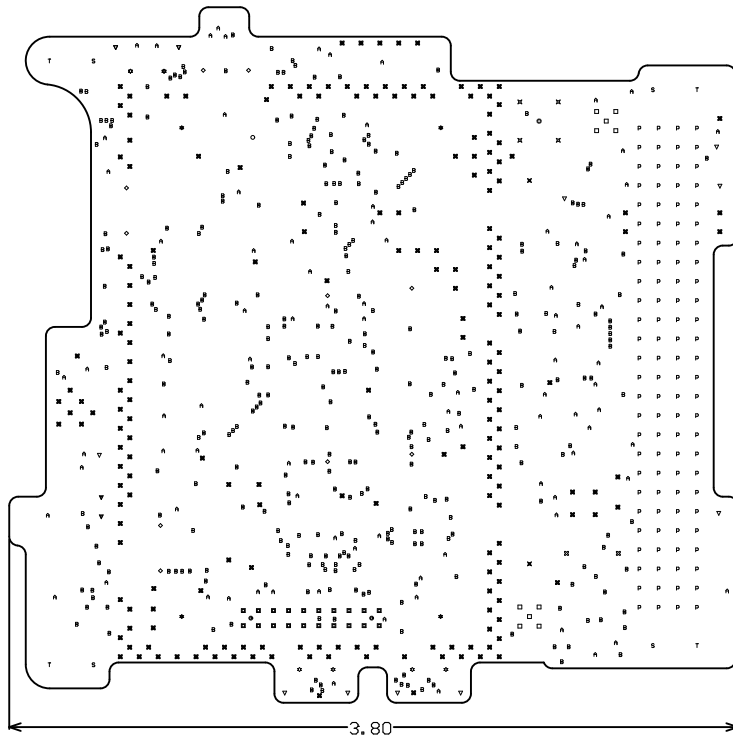


705-01845B Mechanical Drawing
Drill Drawing

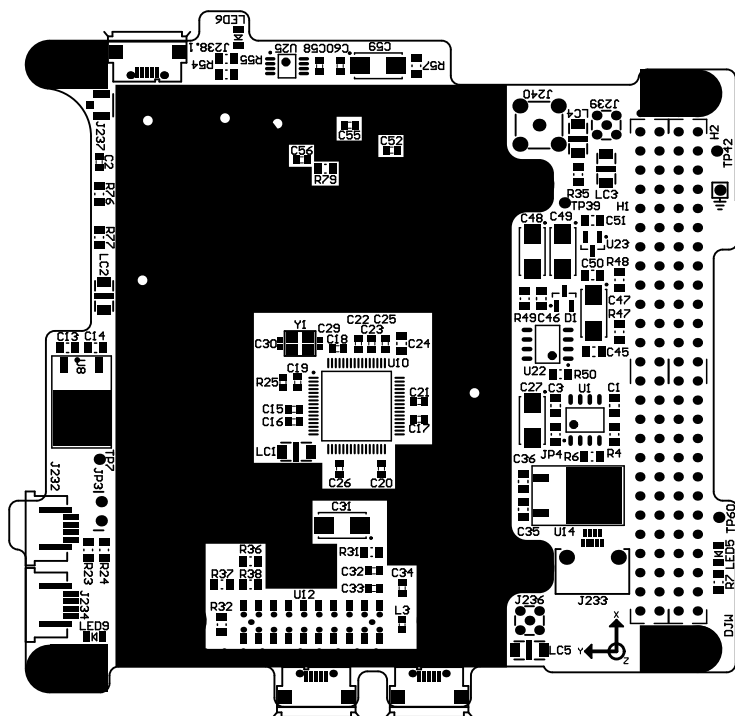


FABRICATION NOTES:

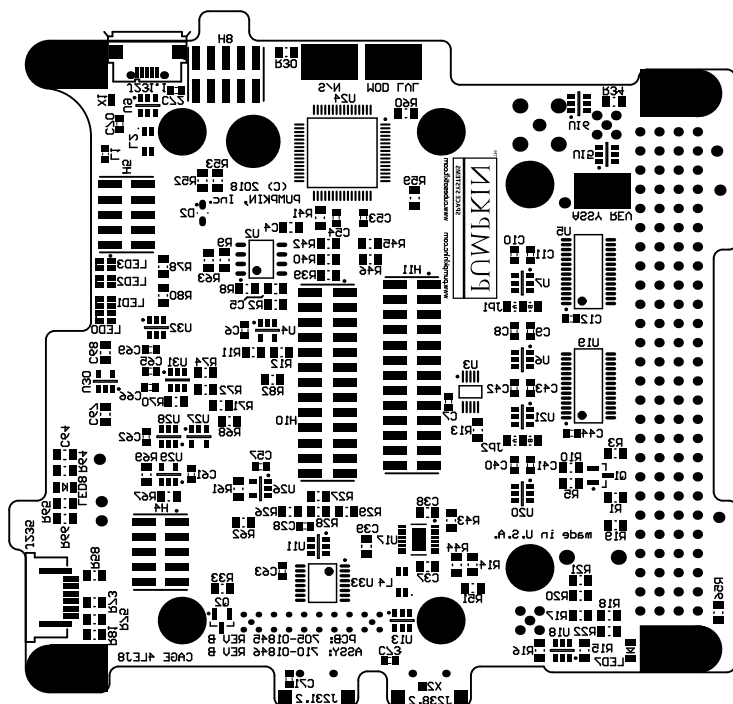
1. ALL DIMENSIONS IN INCHES
2. SCALE IS 1:1
4. SMOBC BOTH SIDES. COLOR: BLUE
5. SOLDERMASK IS LPI, SEMI-GLOSS FINISH
6. SILKSCREEN LEGEND WHITE
7. SILKSCREEN TOP AND BOTTOM
8. FINAL BOARD THICKNESS = 0.062"
9. FINAL COPPER THICKNESS = 1oz
10. 8 CIRCUIT LAYERS, STACKUP
//4.6mil//8mil//8.4mil//8mil//8.4mil//8mil//4.6mil//
11. MINIMUM SPACING 0.007"
12. MINIMUM SMD PITCH IS 0.020"
13. SURFACEMOUNT COMPONENTS TOP AND BOTTOM
14. DO NOT ADD TOOLING HOLES
16. NUMBER OF SMD PADS: 909
17. NUMBER OF HOLES: 796
18. SMALLEST HOLE IS 0.3mm
19. ENTIRE BOARD TO BE IMMERSION GOLD 2 MICROINCHES
MINIMUM OVER ELECTROLESS NICKEL 150 MICROINCHES
PER IPC-4552

Symbol	Count	Hole Size	Plated	Hole Type	Hole Length	Rout Path Length
B	312	11.81mil (0.300mm)	PTH	Round	-	-
A	89	19.69mil (0.500mm)	PTH	Round	-	-
⊗	204	20.00mil (0.508mm)	PTH	Round	-	-
☆	8	26.00mil (0.660mm)	PTH	Round	-	-
⊙	2	30.00mil (0.762mm)	PTH	Round	-	-
□	10	33.07mil (0.840mm)	PTH	Round	-	-
▣	20	34.00mil (0.864mm)	NPTH	Round	-	-
▽	13	37.00mil (0.940mm)	PTH	Round	-	-
▼	2	39.37mil (1.000mm)	PTH	Round	-	-
P	104	40.16mil (1.020mm)	PTH	Round	-	-
⊕	1	43.31mil (1.100mm)	PTH	Round	-	-
◇	10	46.85mil (1.190mm)	NPTH	Round	-	-
⊠	4	55.12mil (1.400mm)	PTH	Round	-	-
S	4	65.00mil (1.651mm)	PTH	Round	-	-
⊗	2	70.08mil (1.780mm)	PTH	Round	-	-
T	4	125.00mil (3.175mm)	PTH	Round	-	-
⊗	2	134.00mil (3.404mm)	PTH	Round	-	-
☆	4	165.00mil (4.191mm)	PTH	Round	-	-
○	1	200.00mil (5.080mm)	PTH	Round	-	-
	796 Total					

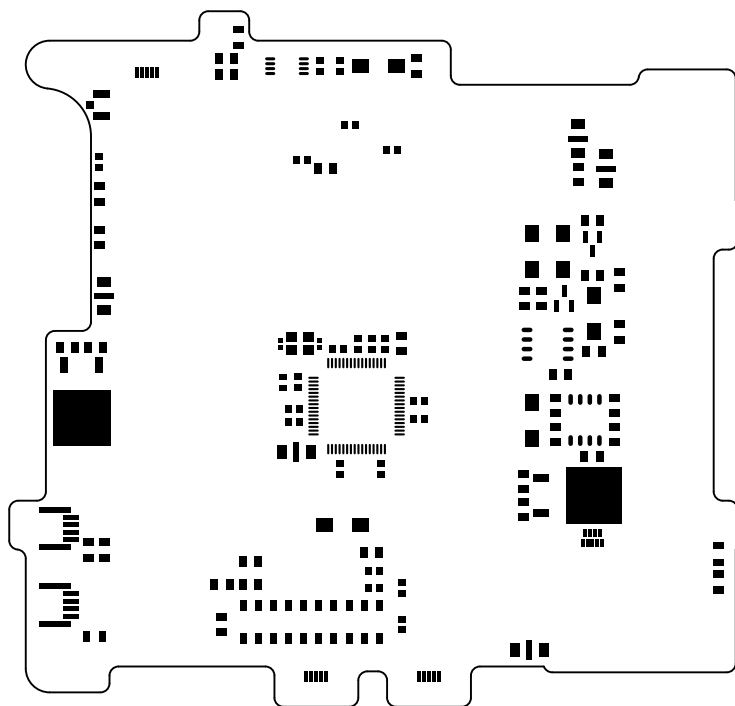
705-01845B Top Silkscreen
Top Soldermask



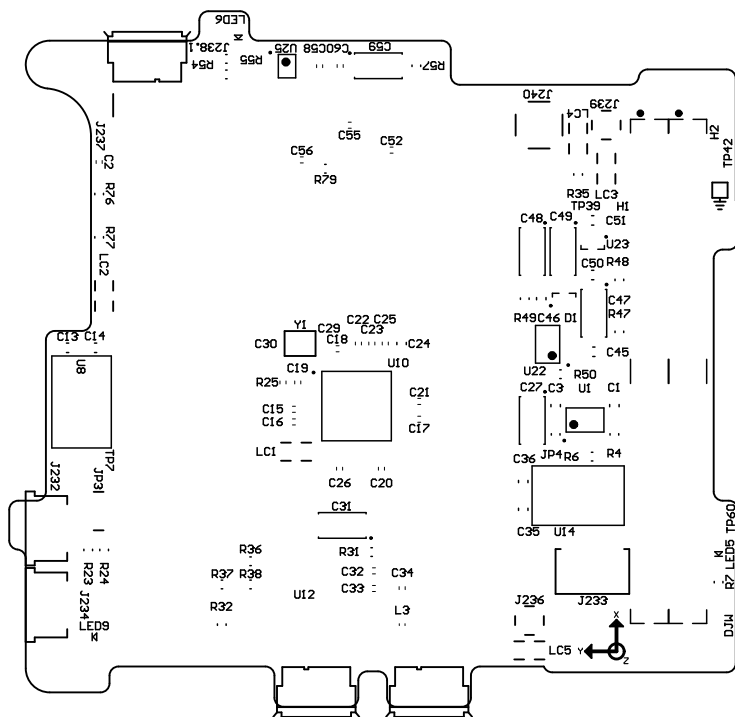
705-01845B Bottom Silkscreen
Bottom Soldermask



705-01845B Top Solder Paste

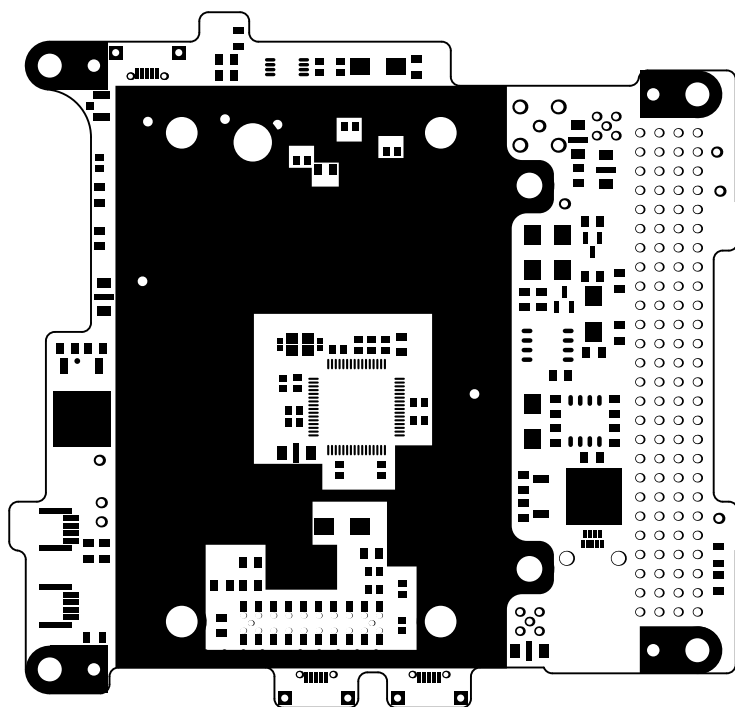


705-01845B Top Silkscreen

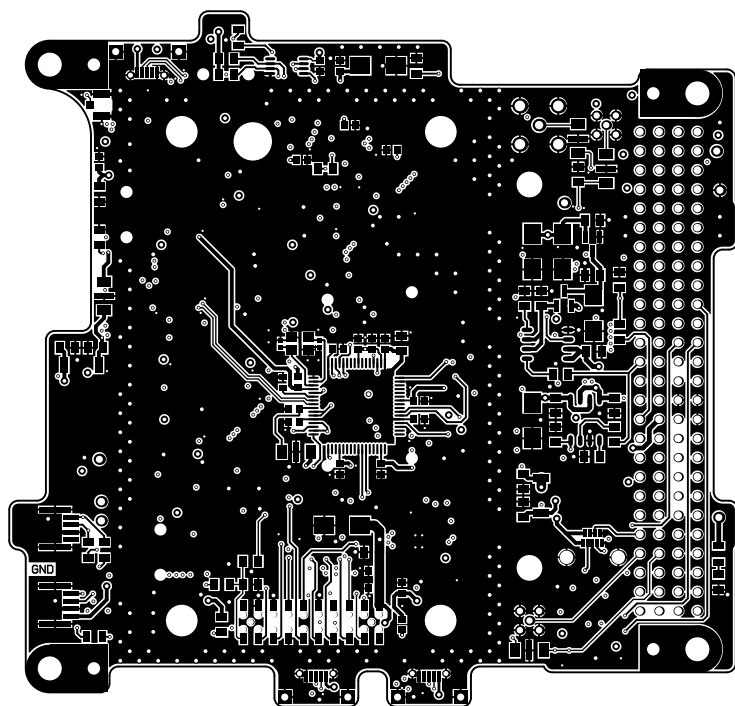


705-01845B

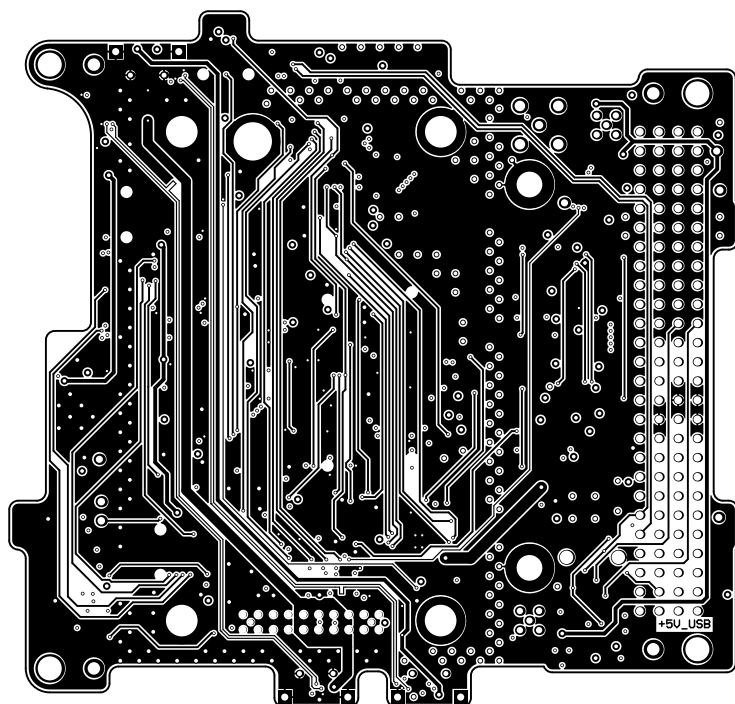
Top Soldermask



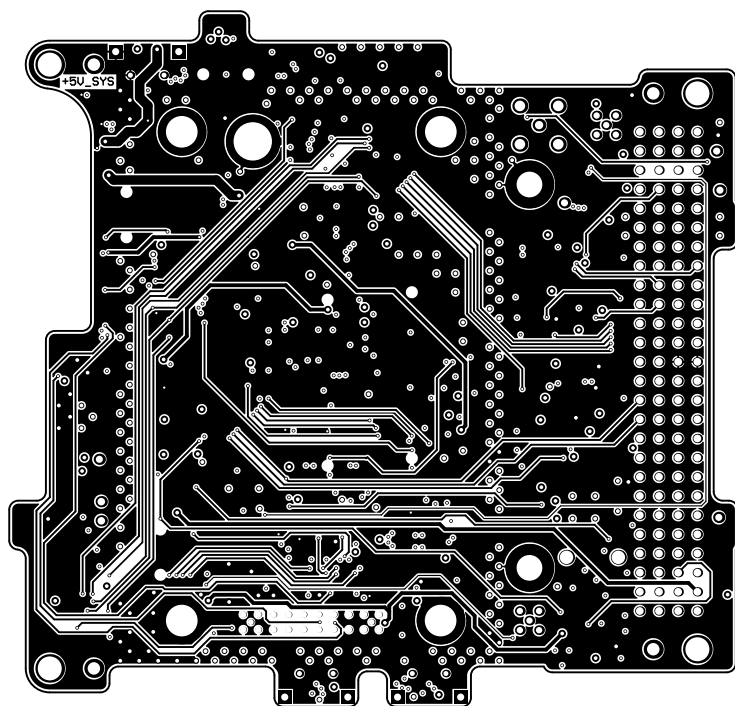
705-01845B Layer 1 (TOP)



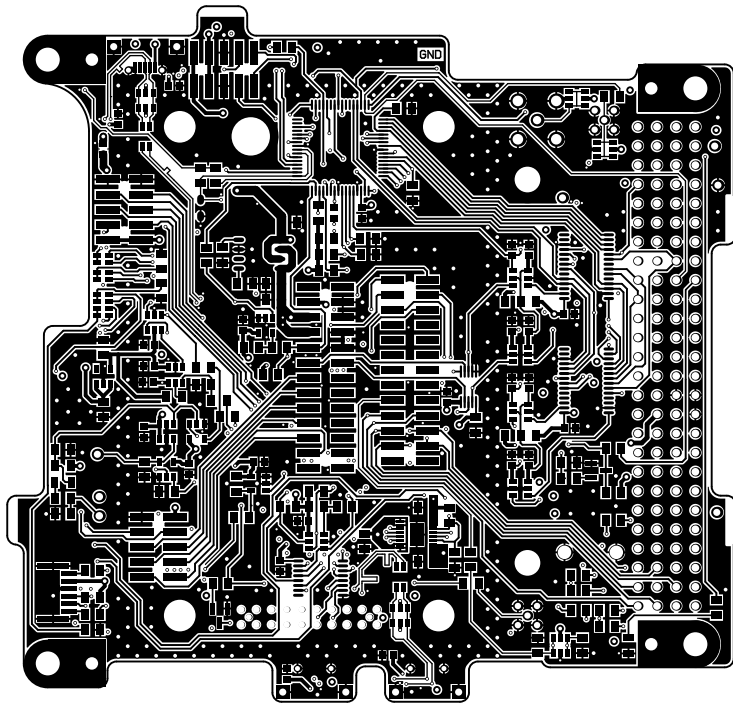
705-01845B Layer 3



705-01845B Layer 6

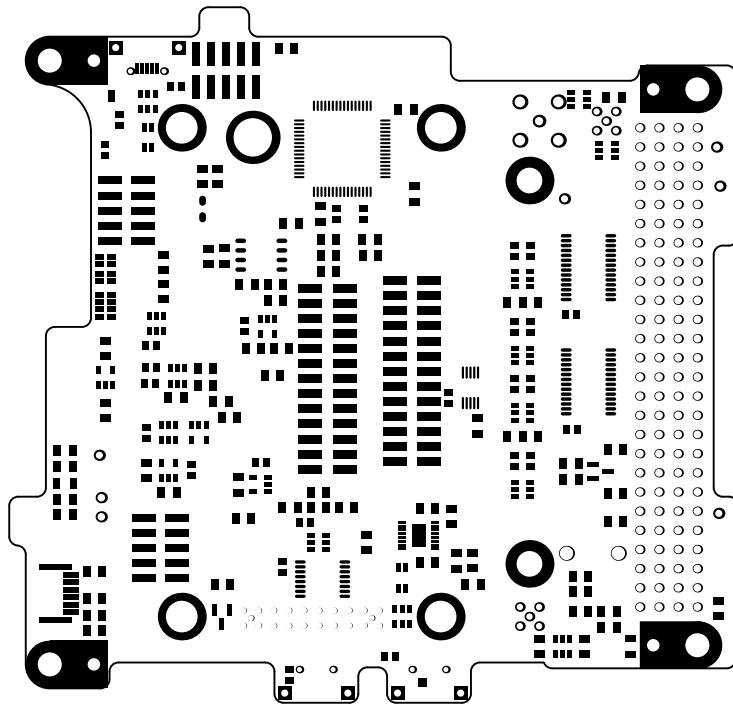


705-01845B Layer 8 (BOTTOM)

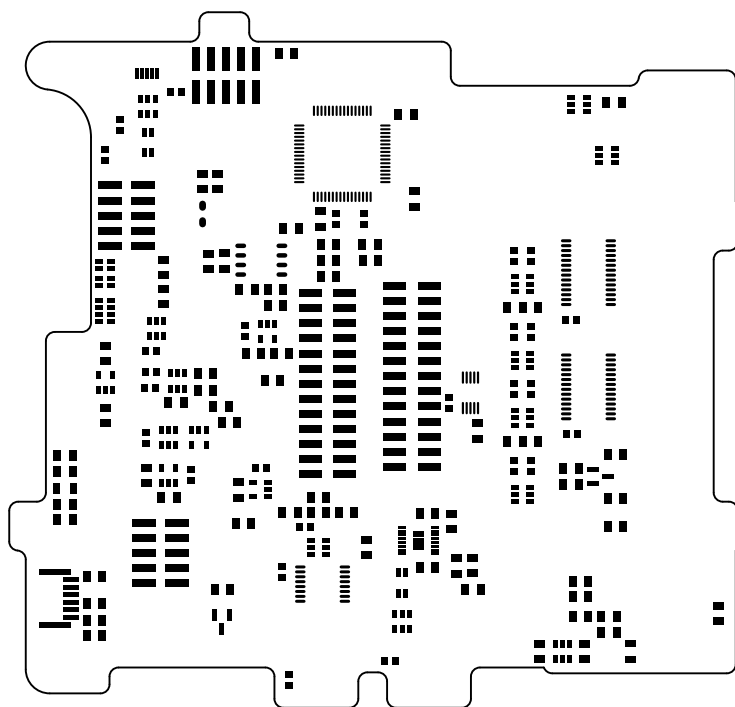


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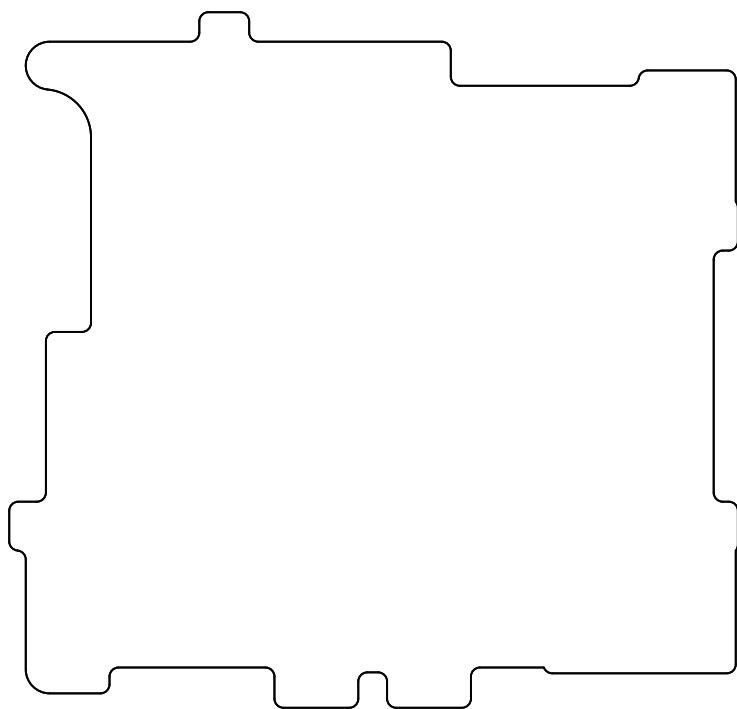
Bottom Soldermask



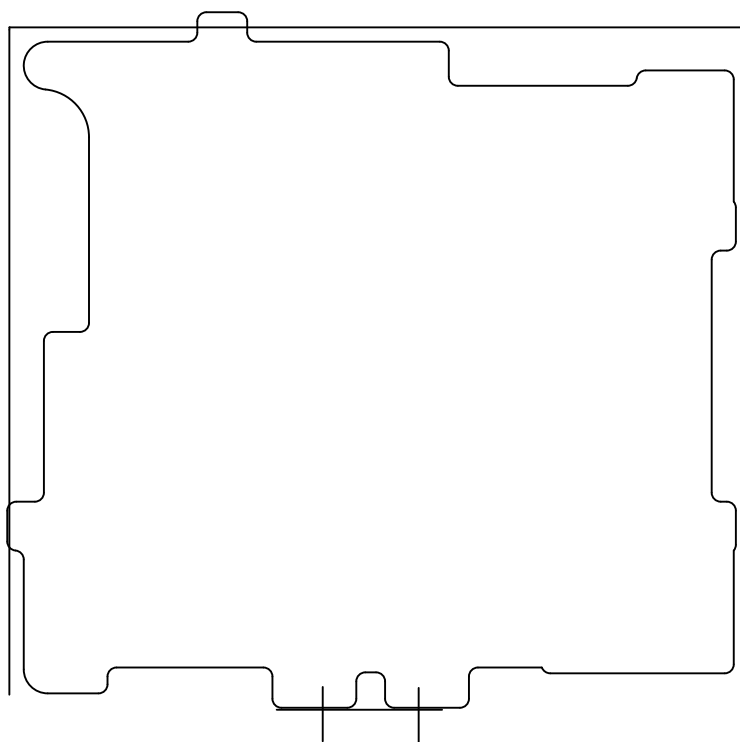
705-01845B Bottom Solder Paste



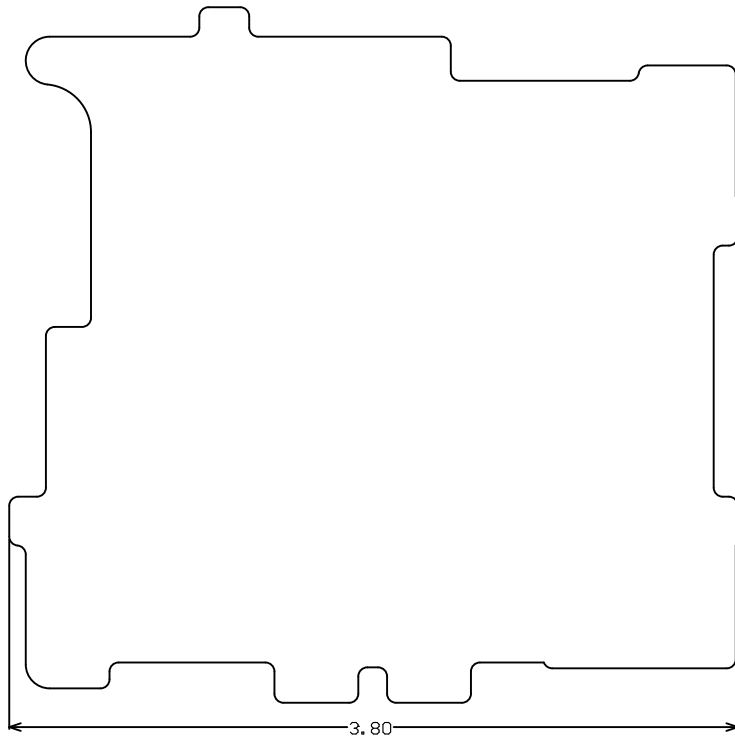
705-01845B



705-01845B



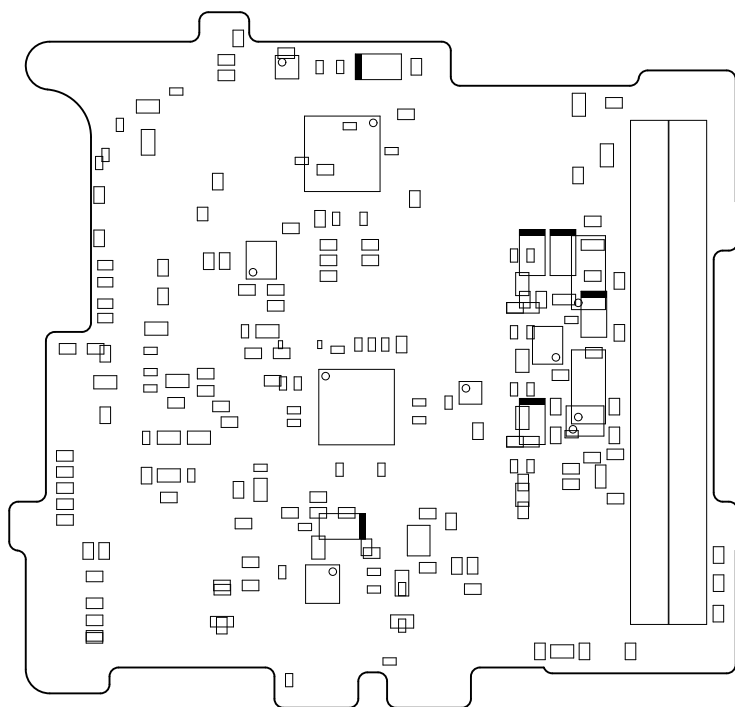
705-01845B Mechanical Drawing



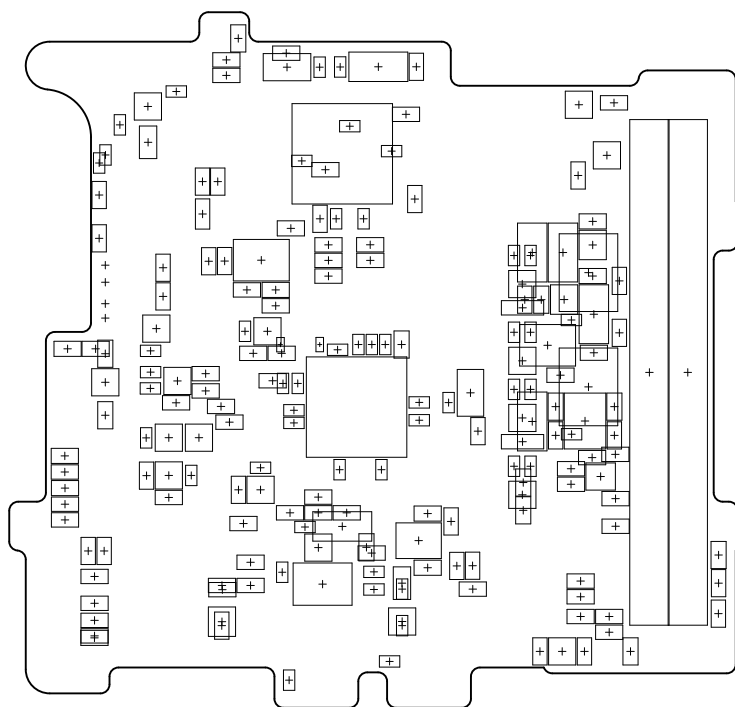
FABRICATION NOTES:-----

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705-01845B

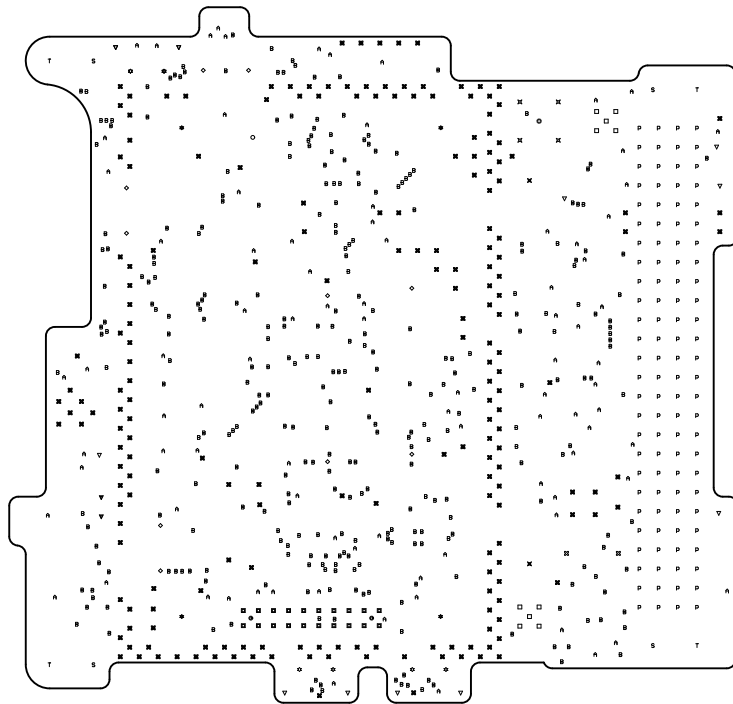


705-01845B



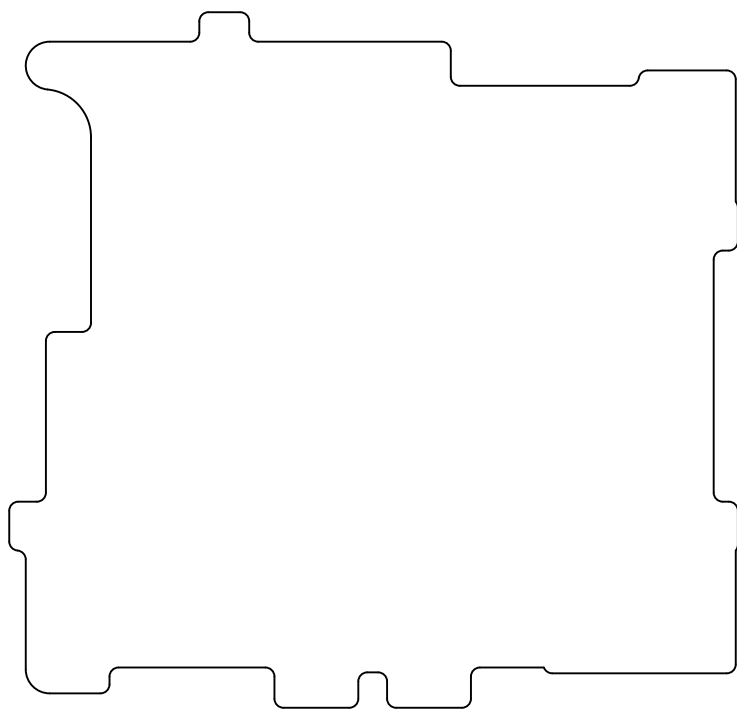
705-01845B

Drill Drawing

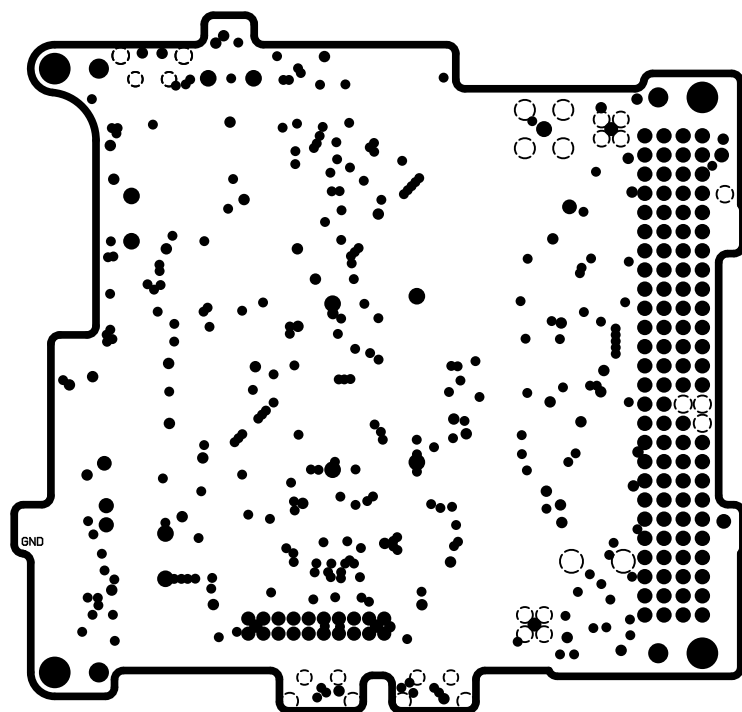


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A	89	19.69mil (0.500mm)	PTH	Round	-	-
⊗	204	20.00mil (0.508mm)	PTH	Round	-	-
☆	8	26.00mil (0.660mm)	PTH	Round	-	-
⊙	2	30.00mil (0.762mm)	PTH	Round	-	-
□	10	33.07mil (0.840mm)	PTH	Round	-	-
▣	20	34.00mil (0.864mm)	NPTH	Round	-	-
▽	13	37.00mil (0.940mm)	PTH	Round	-	-
▼	2	39.37mil (1.000mm)	PTH	Round	-	-
P	104	40.16mil (1.020mm)	PTH	Round	-	-
⊕	1	43.31mil (1.100mm)	PTH	Round	-	-
◇	10	46.85mil (1.190mm)	NPTH	Round	-	-
⊗	4	55.12mil (1.400mm)	PTH	Round	-	-
S	4	65.00mil (1.651mm)	PTH	Round	-	-
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796 Total						

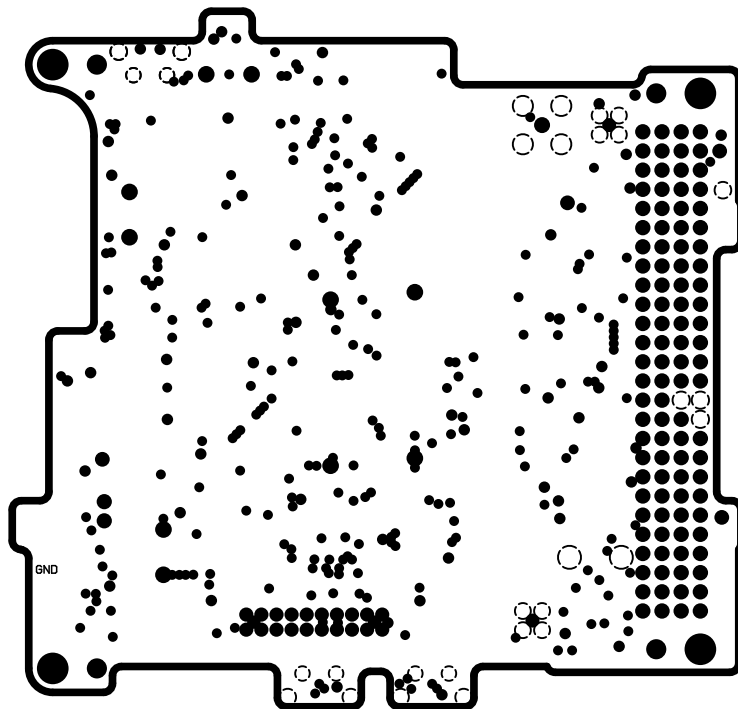
705-01845B



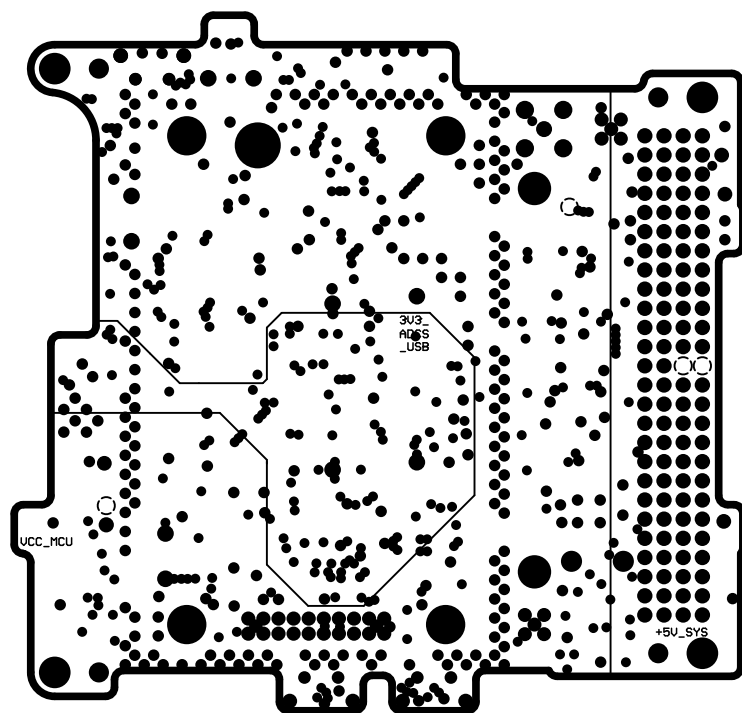
705-01845B Layer 7 (GND)



705-01845B Layer 2 (GND)



705-01845B Layer 5 (PWR)



705-01845B Layer 4 (PWR)

