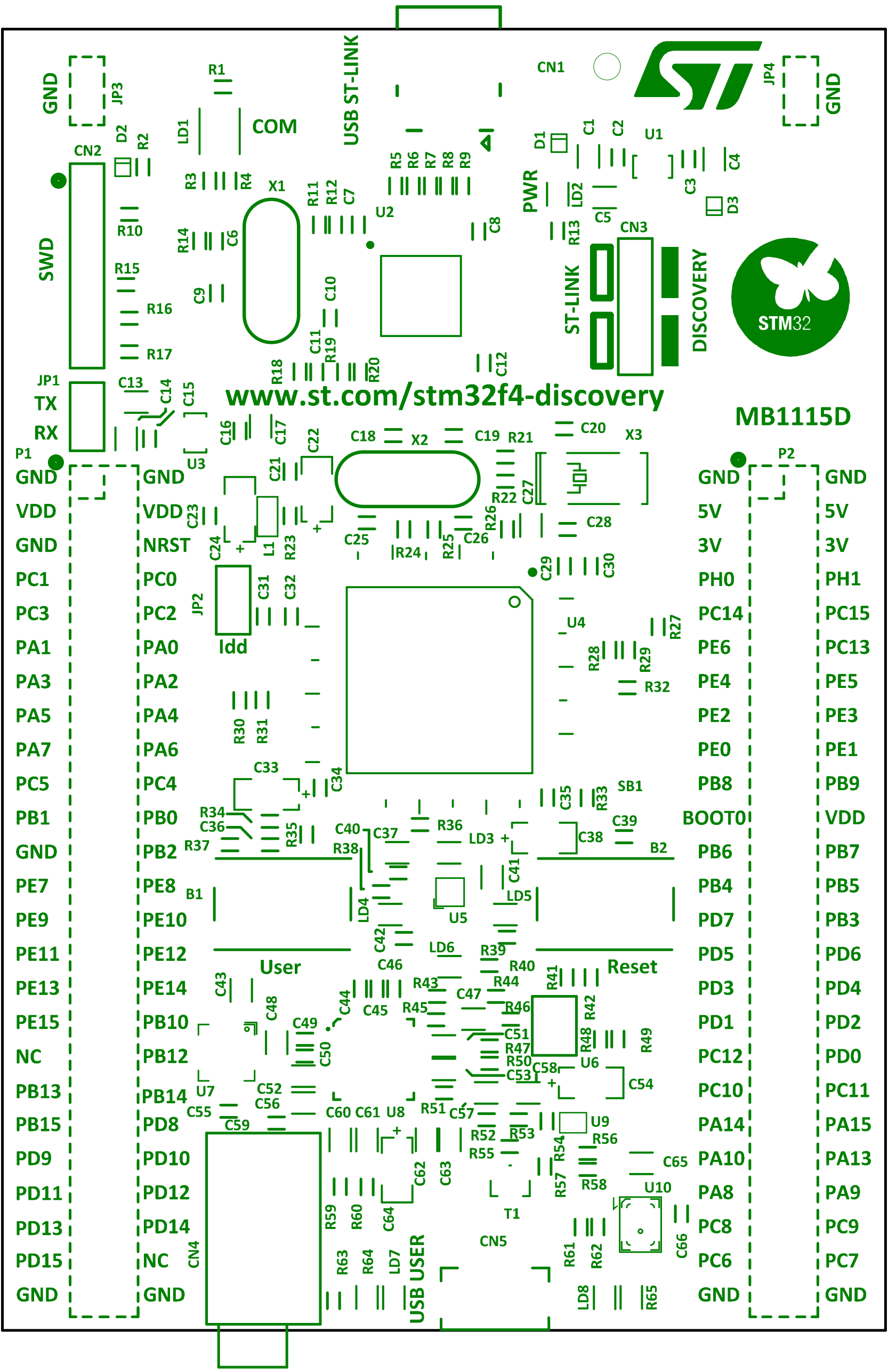
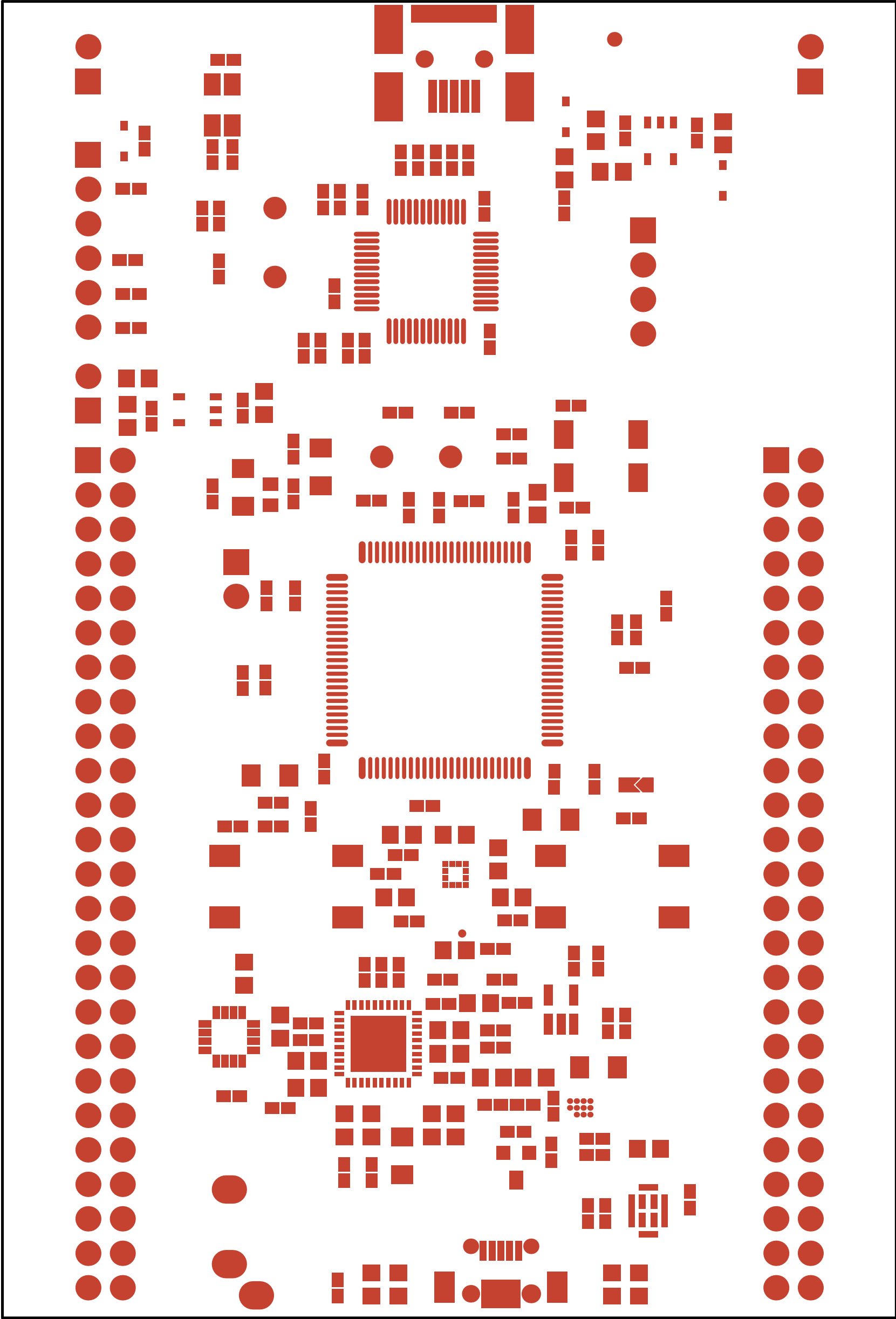
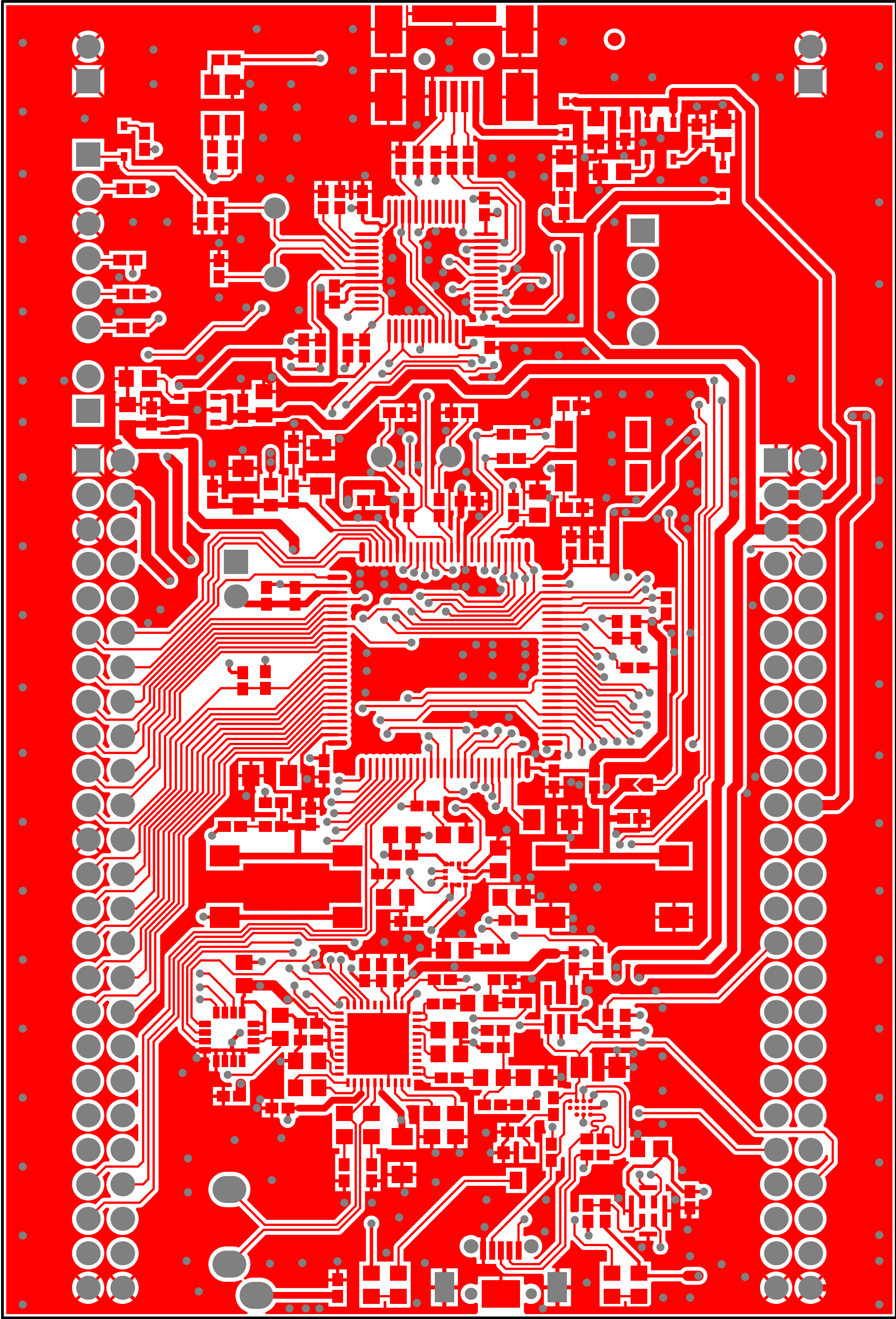


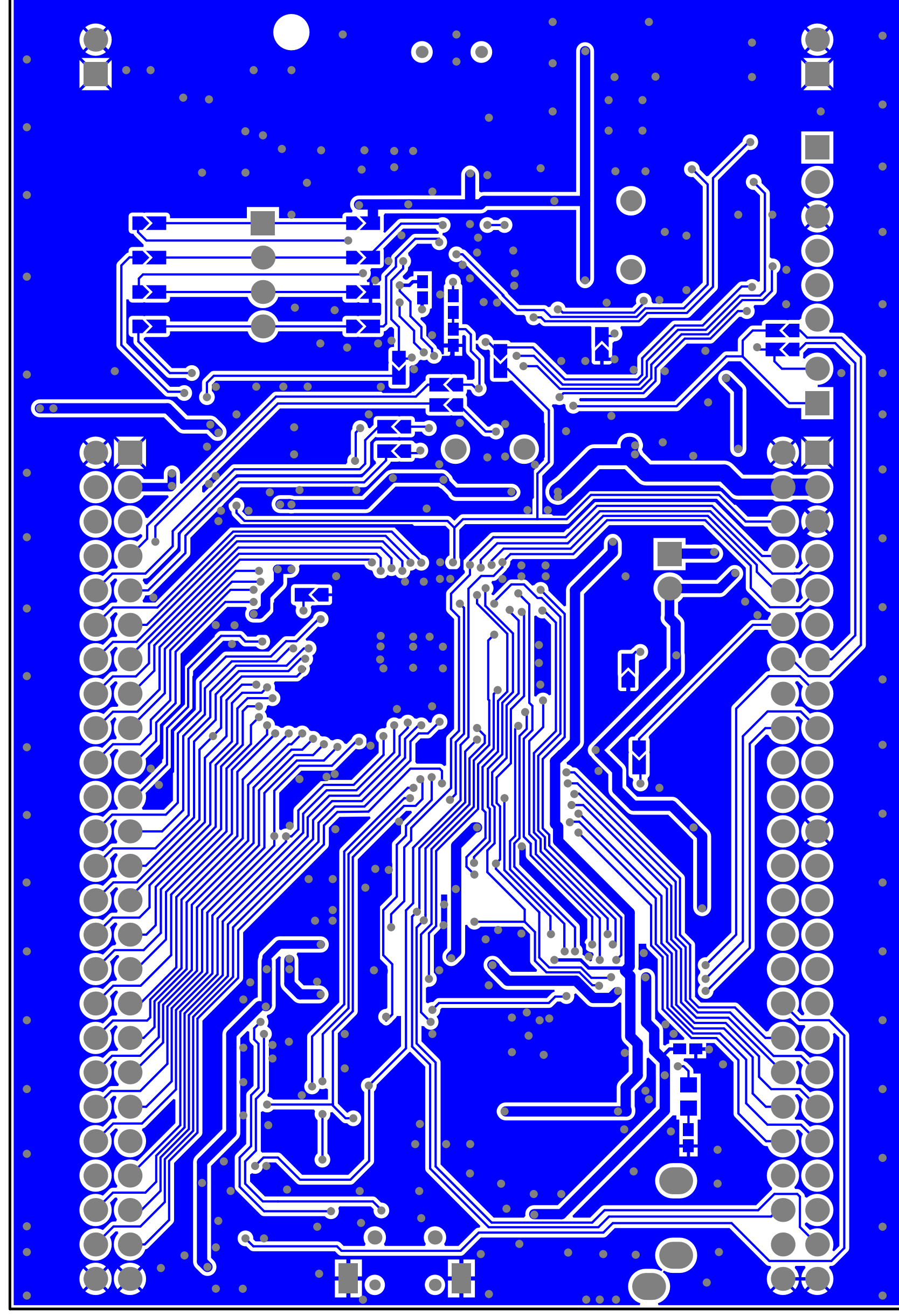


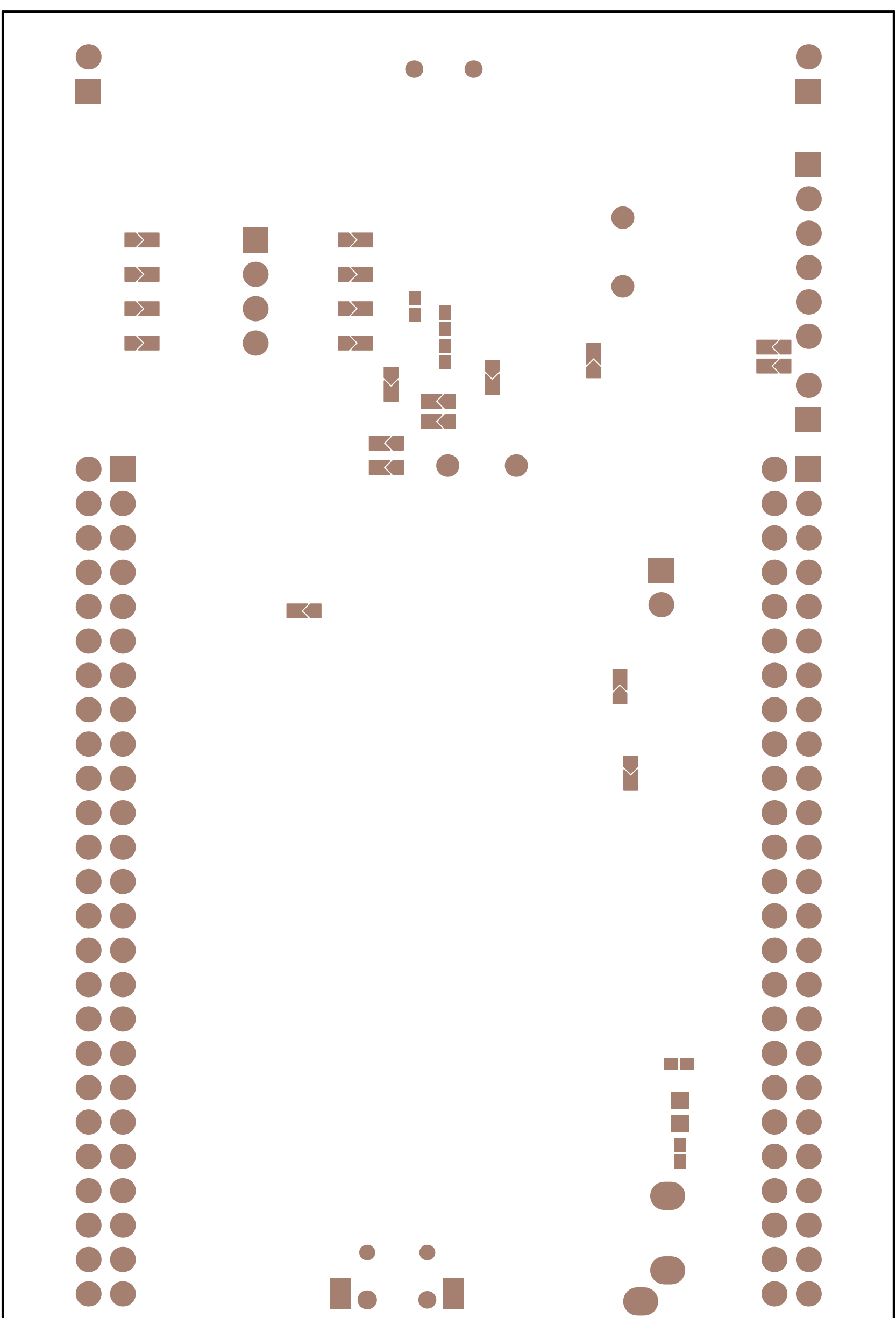


SOLDER MASK TOP LAYER



TOP LAYER





PCB SPECIFICATIONS :

A. MATERIAL :

B. MATERIAL FAMILY :

C. SOLDERMASK COLOR :

D. SILKSCREEN COLOR :

E. SURFACE FINISH :

F. IMPEDANCE CONTROL :

G. THROUGH VIA :

H. STACK-UP :

FR-4

N/A

☐ GREEN

☒ WHITE

☒ ENIG

☐ HASL

☐ NO

☐ WHITE

☐ YELLOW

☐ IMMERSION SILVER

☐ HASL (PB-FREE)

☒ YES (SEE IMPEDANCE TABLE FOR DETAIL INFORMATION)

☒ TG-170

☒ TG-150

☐ TG-140

☐ BLACK

☐ Blue ink PANTONE 2955

☐ IMMERSION TIN

☐ GOLDEN FINGER

PLUG THE VIAS WHICH ARE COVERED WITH SOLDERMASK ONE OR TWO SIDE.
PLUG MATERIAL : ☒ SOLDERMASK ☐ NON-CONDUCTIVE EPOXY.

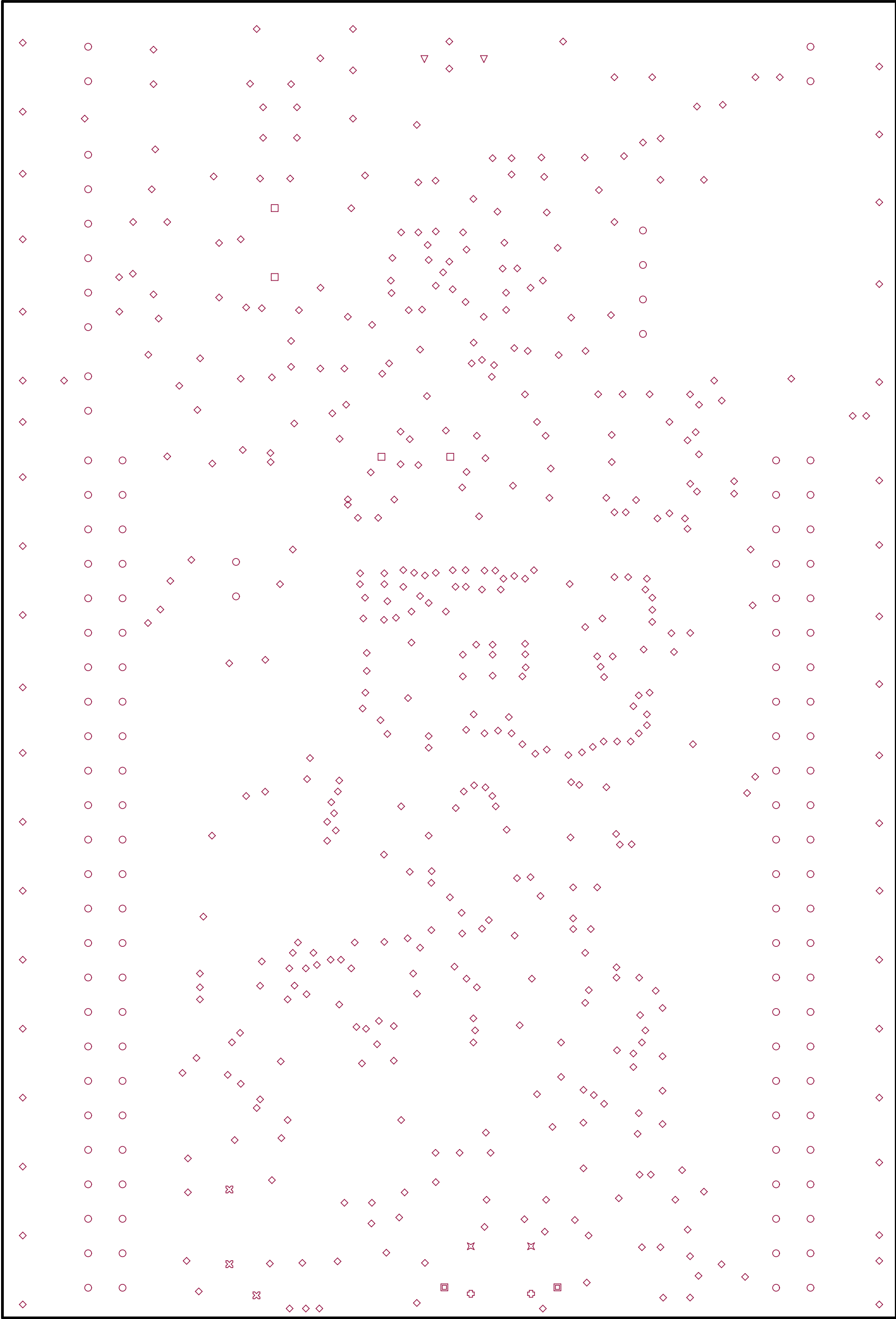
SEE LAYER STACK-UP SEQUENCE FOR OVERALL THICKNESS.

PCB : TYPE 3

ASPECT-RATIO, AXE Z :
6:1 to 8:1
LEVEL "B"

MINIMUM PARAMETERS

DEFAULT
TRACKS : 0.127mm
GAPS : 0.127mm



Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Silk				
2	Top Mask	Solder Resist	0.71mil	3.5	
3	TOP	Copper	1.38mil		
4	Dielectric 1	FR-4	57.68mil	4.8	
5	Bottom	Copper	1.38mil		
6	Bottom Solder	Solder Resist	0.71mil	3.5	
7	Bot Silk				

Symbol	Count	Hole Size	Plated	Hole Type	Drill Layer Pair	Via/Pad	Pad Shape	Template	Description	Hole Tolerance (+)	Hole Tolerance (-)	Hole Length	Routed Path Length
✕	2	0.650mm (25.59mil)	PTH	Round	TOP - Bottom	Pad	Rounded	c105h65z152m110p105				-	-
■	2	0.800mm (31.50mil)	PTH	Slot	TOP - Bottom	Pad	Rounded	r220_140h80_160zc152m225_145p220_140				1.600mm (62.99mil)	0.800mm (31.50mil)
⊕	2	0.900mm (35.43mil)	NPTH	Round	TOP - Bottom	Pad	Rounded	(Mixed)				-	-
▽	2	1.000mm (39.37mil)	NPTH	Round	TOP - Bottom	Pad	Rounded	c90hn100z152m110p90				-	-
⊗	3	1.200mm (47.24mil)	PTH	Slot	TOP - Bottom	Pad	Rounded	r250_200h120_170r100z152m255_205p250_200				1.700mm (66.93mil)	0.500mm (19.69mil)
□	4	0.700mm (27.56mil)	PTH	Round	TOP - Bottom	Pad	Rounded	(Mixed)				-	-
○	118	1.000mm (39.37mil)	PTH	Round	TOP - Bottom	Pad	Rounded	(Mixed)				-	-
◇	493	0.200mm (7.87mil)	PTH	Round	TOP - Bottom	Via	Rounded	(Mixed)				-	-
626 Total													

Slot definitions : Routed Path Length = Calculated from tool start centre position to tool end centre position.

Hole Length = Routed Path Length + Tool Size = Slot length as defined in the PCB layout

DRILL DRAWING