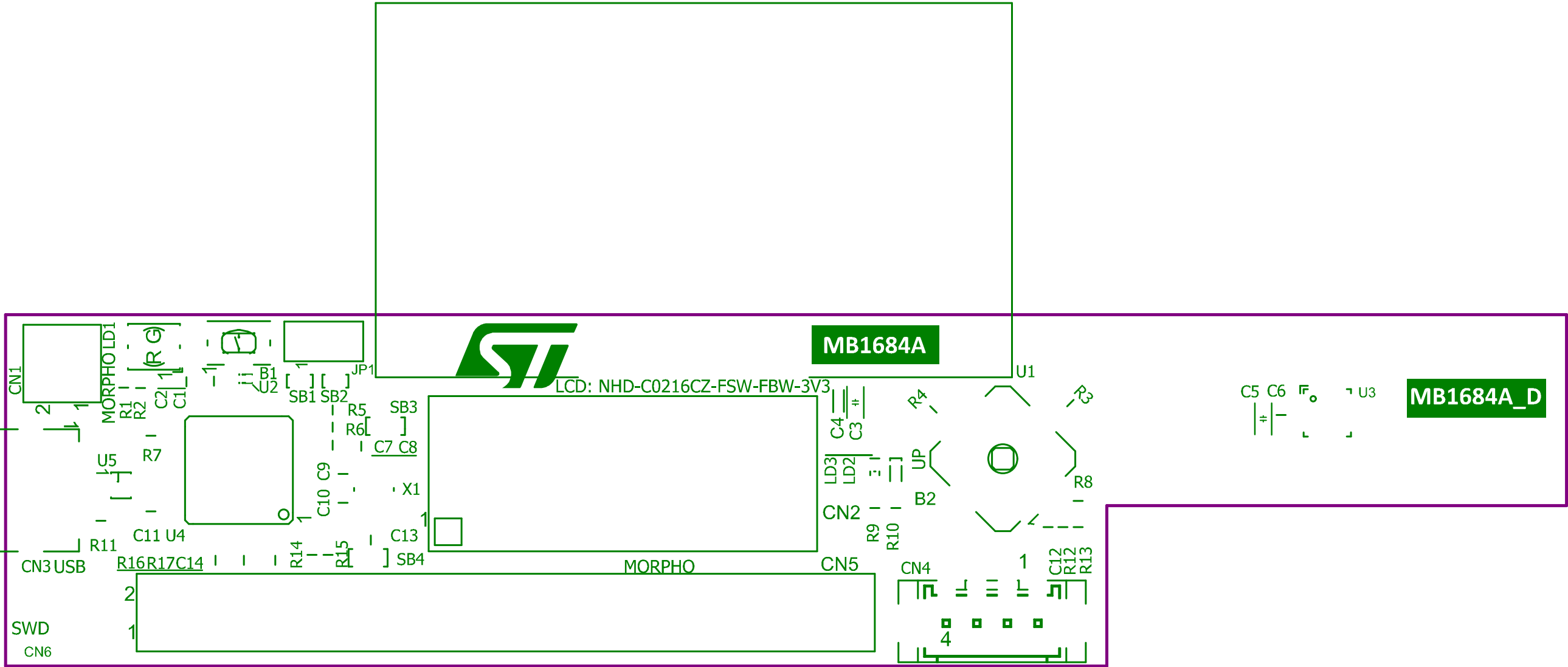
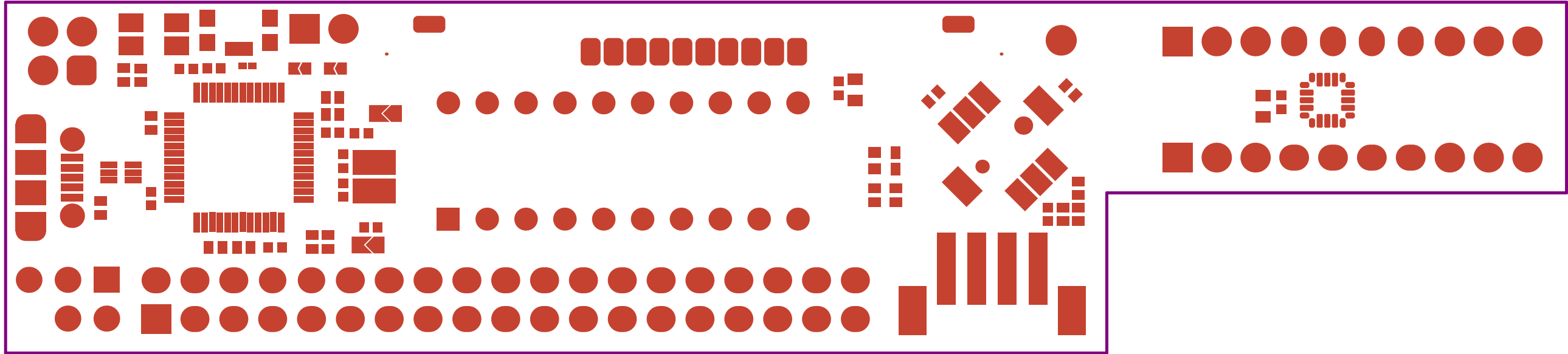
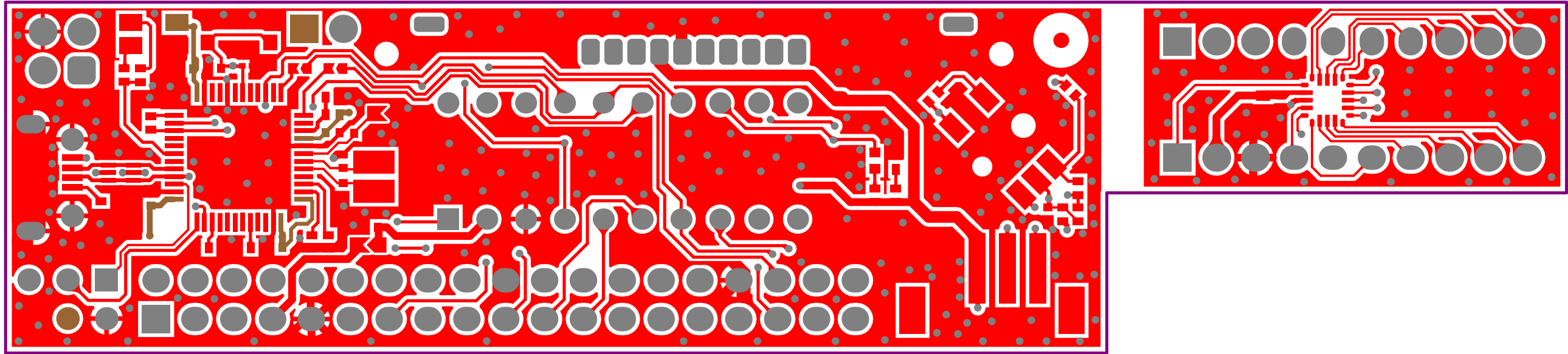




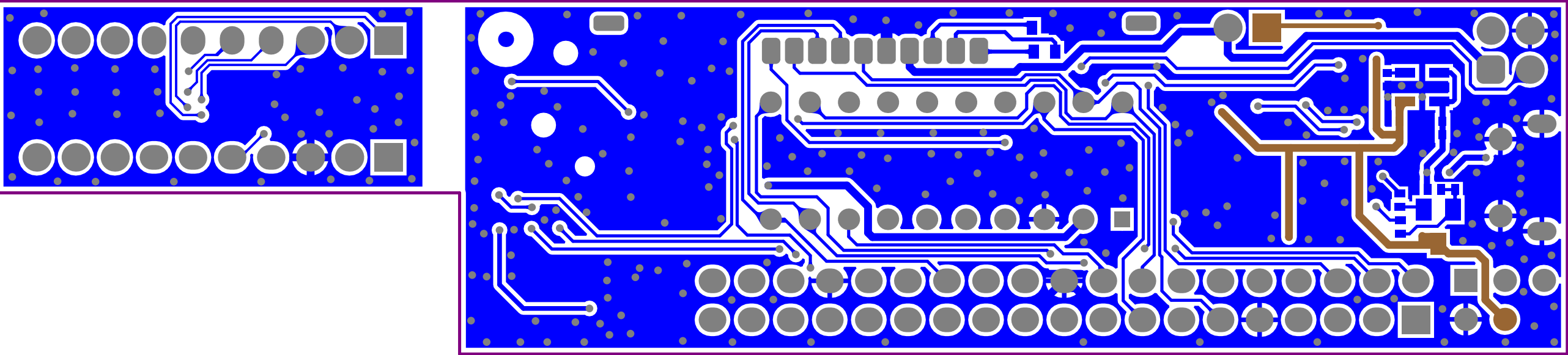
Project: STM32C0116-DK		
Layer: Top Overlay	Gerber: .GTO	
Variant: [No Variations]	Ref: MB1684	
Date: 16/06/2021	Rev: A	



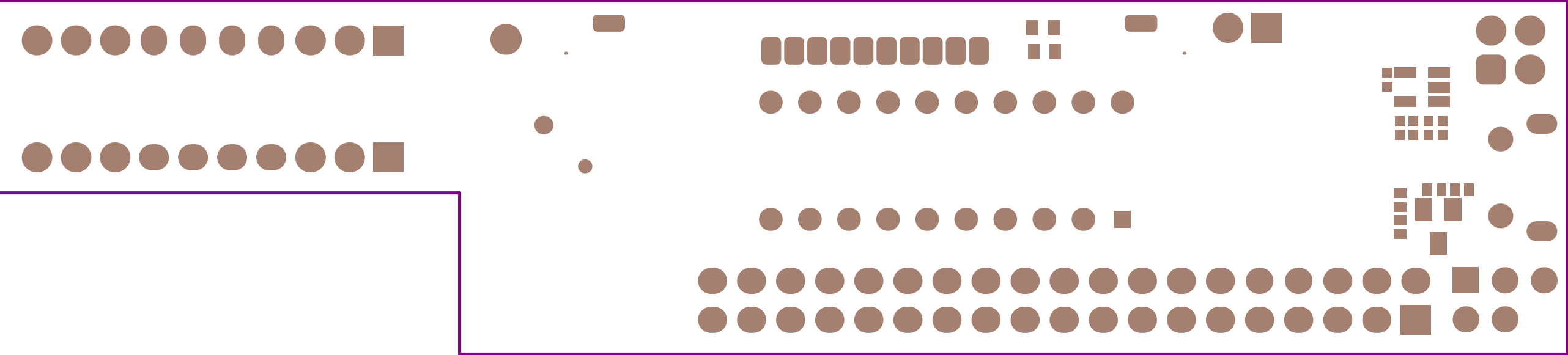
Project: STM32C0116-DK		
Layer: Top Solder	Gerber: .GTS	
Variant: [No Variations]	Ref: MB1684	
Date: 16/06/2021	Rev: A	



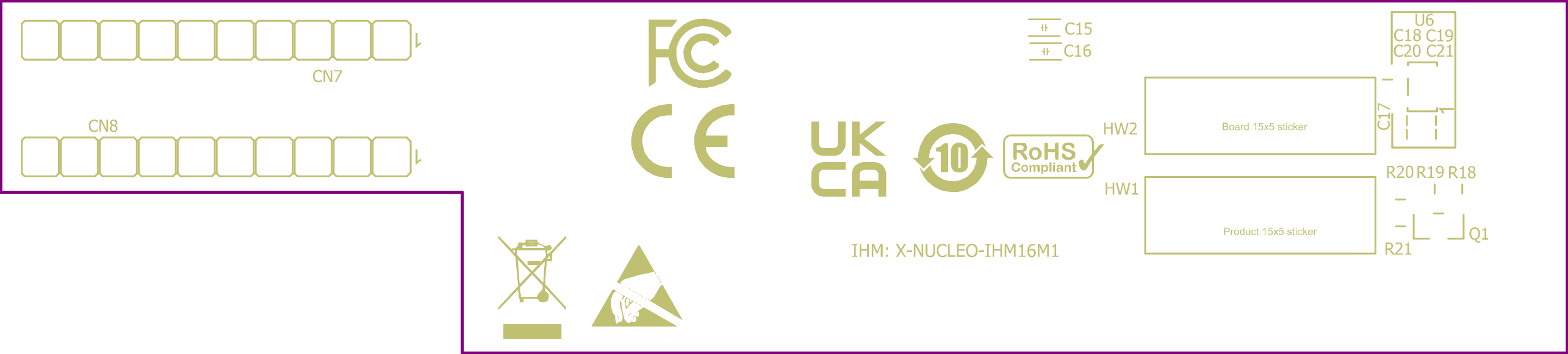
Project: STM32C0116-DK		
Layer: Top Layer	Gerber: .GTL	
Variant: [No Variations]	Ref: MB1684	
Date: 16/06/2021	Rev: A	



Project: STM32C0116-DK		
Layer: Bottom Layer	Gerber:.GBL	
Variant: [No Variations]	Ref: MB1684	
Date: 16/06/2021	Rev: A	



Project: STM32C0116-DK		
Layer: Bottom Solder	Gerber:.GBS	
Variant: [No Variations]	Ref: MB1684	
Date: 16/06/2021	Rev: A	



Project: STM32C0116-DK		
Layer: Bottom Overlay	Gerber:.GBO	
Variant: [No Variations]	Ref: MB1684	
Date: 16/06/2021	Rev: A	

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

☐ TG-170

☐ WHITE

☐ YELLOW

☐ IMMERSION SILVER

☐ HASL (PB-FREE)

☒ YES (SEE IMPEDANCE TABLE FOR DETAIL INFORMATION)

☒ TG-150

☒ BLUE

☐ BLACK

☐ IMMERSION TIN

☐ GOLDEN FINGER

☐ TG-140

☐ Blue ink PANTONE 2955

☐ NON-CONDUCTIVE EPOXY.

PLUG THE VIAS WHICH ARE COVERED WITH SOLDERMASK ONE OR TWO SIDE.
PLUG MATERIAL :

SEE LAYER STACK-UP SEQUENCE FOR OVERALL THICKNESS.

PCB : TYPE 3

ASPECT-RATIO, AXE Z :

5.3:1 to 8:1
LEVEL "B"

MINIMUM PARAMETERS

DEFAULT

TRACKS : 6mil

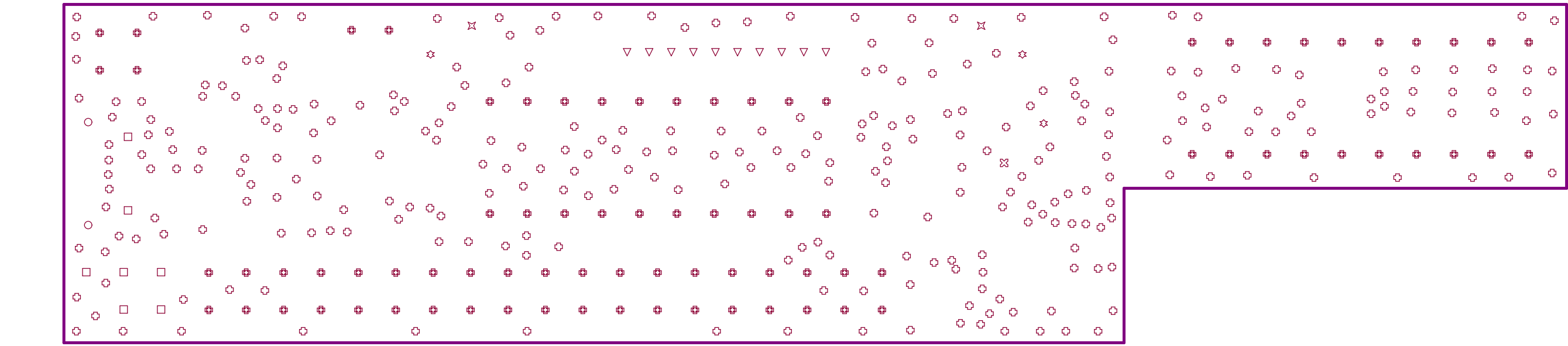
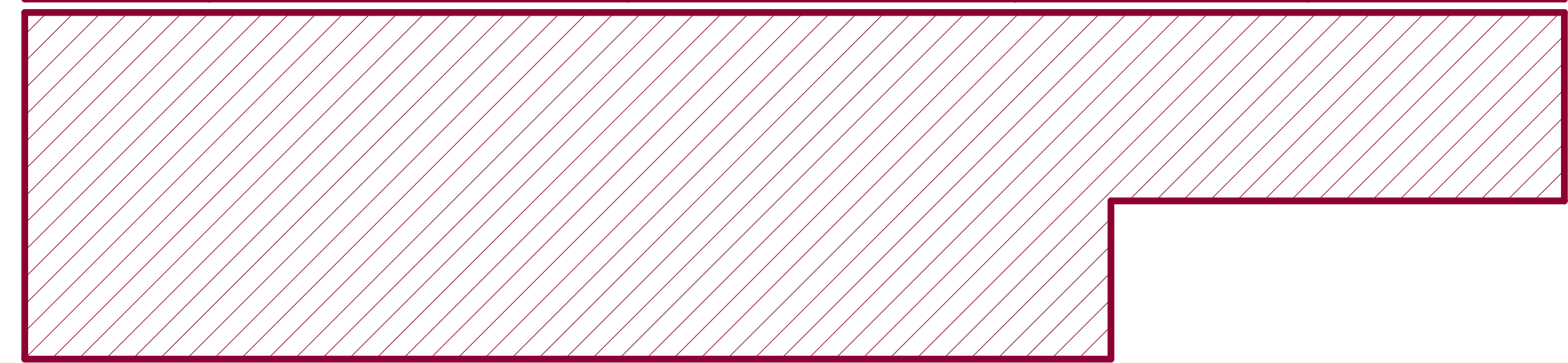
GAPS : 6mil

IMPEDANCE TABLE USB HS STLINK

LAYER	TRACE (mil)	SPACING (mil)	IMPEDANCE (Single ended)	IMPEDANCE (Differential)	TOL.
TOP	10	10	n/a	90 ohm	+/- 15%

H. STACK-UP :

Layer	Name	Material	Thickness	Constant
	Top Overlay			
	Top Solder	Solder Resist	0.59mil	3.4
1	Top Layer	Copper	1.38mil	
	Dielectric 1	FR-4	59.06mil	4.6
2	Bottom Layer	Copper	1.38mil	
	Bottom Solder	Solder Resist	0.59mil	3.4
	Bottom Overlay			



Project: STM32C0116-DK		
Layer: Drill Drawing	Gerber: .DRL	
Variant: [No Variations]	Ref: MB1684	
Date: 16/06/2021	Rev: A	