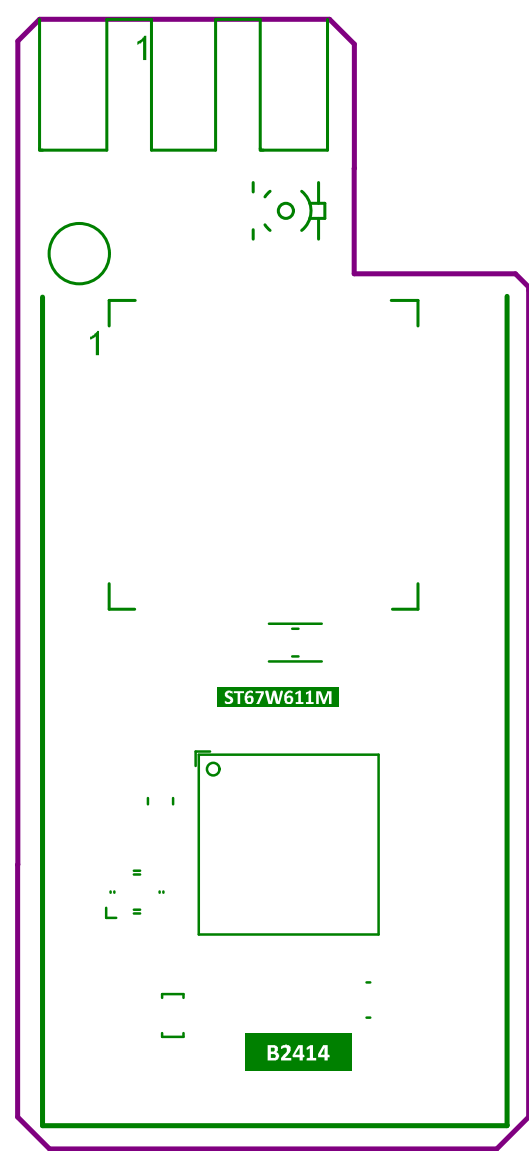
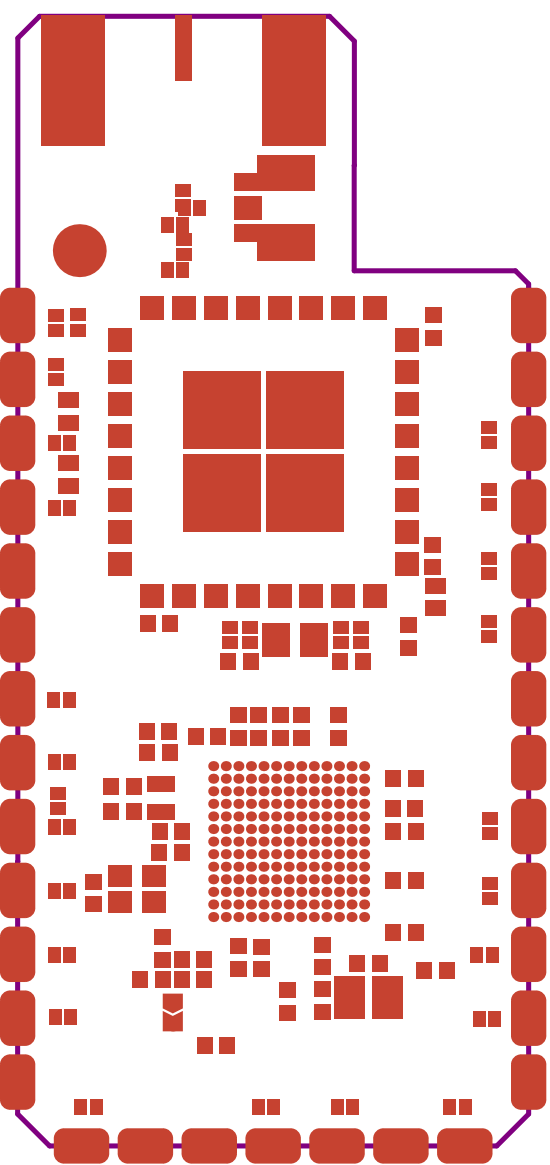


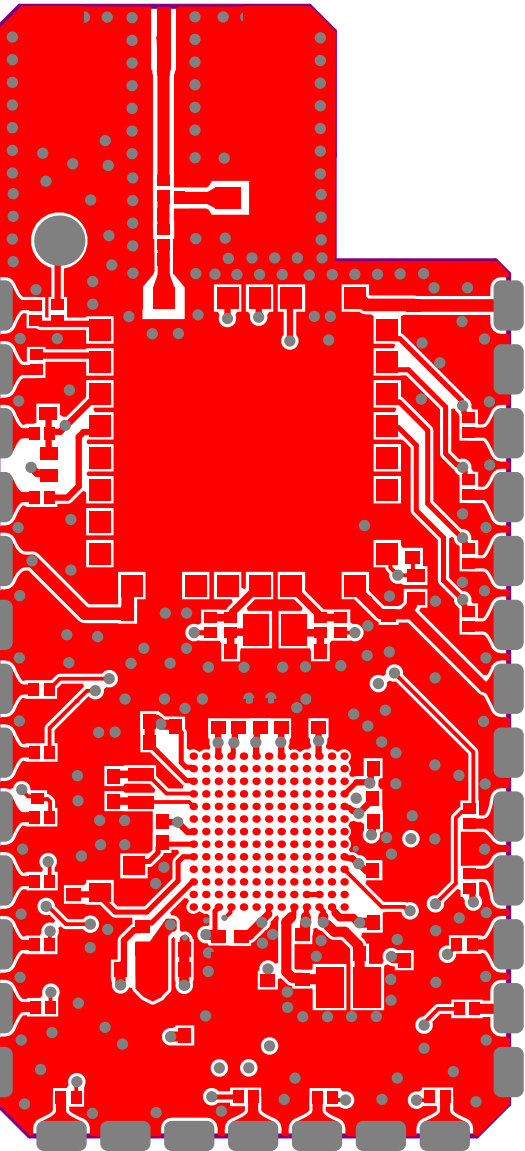


Project: ST67W611M1A6P Single Antenna		
Layer: Top Overlay	Gerber: .GTO	
Variant: [No Variations]	Ref: B2414	
Date: April-2025	Rev: A	

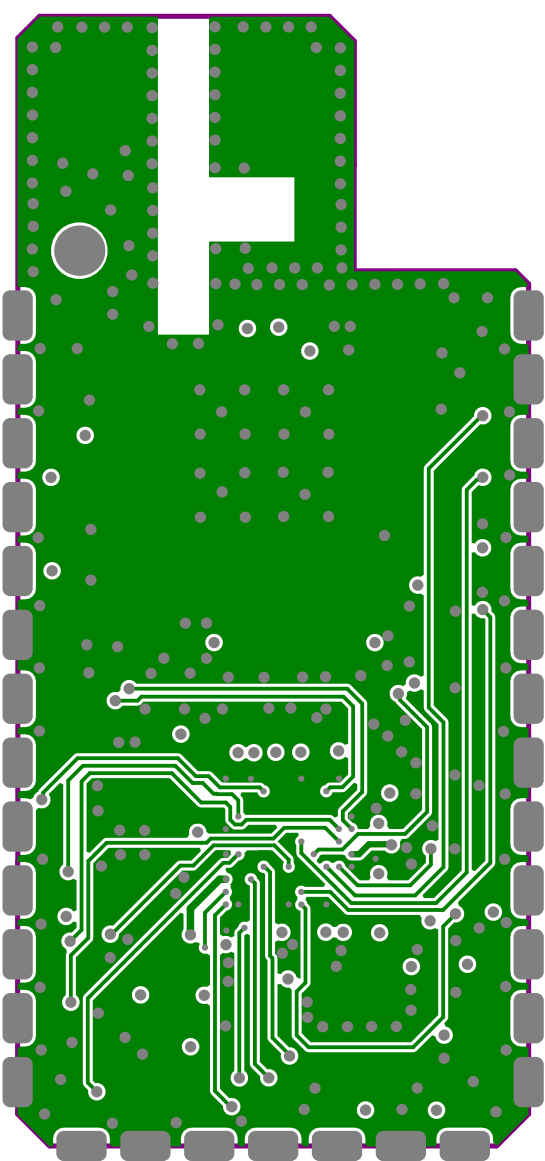


Project: ST67W611M1A6P Single Antenna		
Layer: Top Solder	Gerber: .GTS	
Variant: [No Variations]	Ref: B2414	
Date: April-2025	Rev: A	

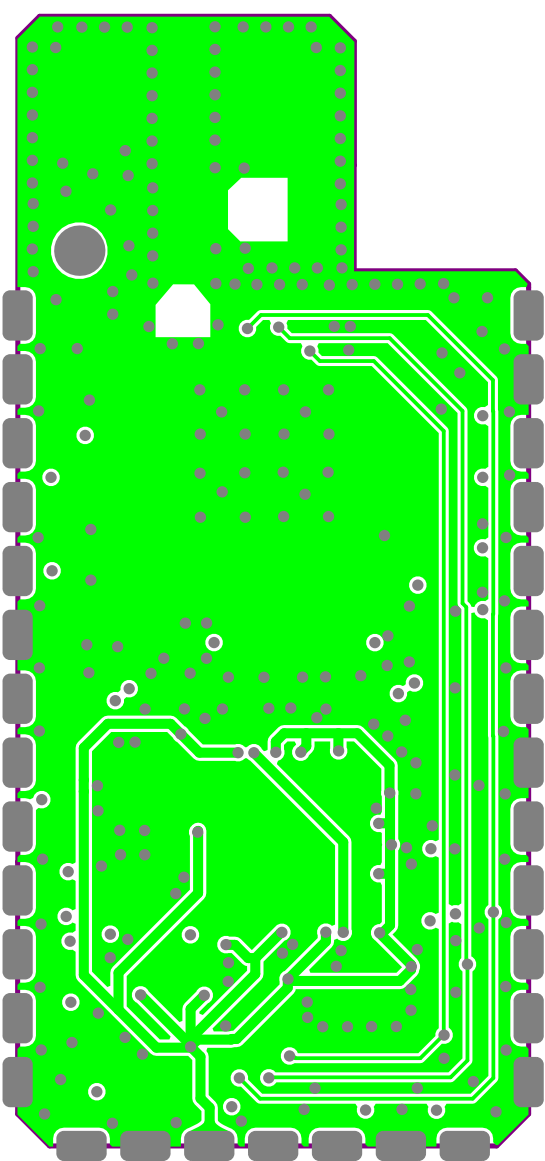
Layer	Name	Material	Thickness	Constant
	Top Overlay			
	Top Solder	Solder Resist	0.018mm	3.2
1	Top Layer		0.035mm	
	Dielectric 1	FR-4	0.075mm	4.5
2	Internal 1		0.035mm	
	Dielectric 3		0.335mm	4.5
3	Internal 2		0.035mm	
	Dielectric 2		0.075mm	4.5
4	Bottom Layer		0.030mm	
	Bottom Solder	Solder Resist	0.018mm	4.2
	Bottom Overlay			



Project: ST67W611M1A6P Single Antenna		
Layer: Top Layer	Gerber: .GTL	
Variant: [No Variations]	Ref: B2414	
Date: April-2025	Rev: A	

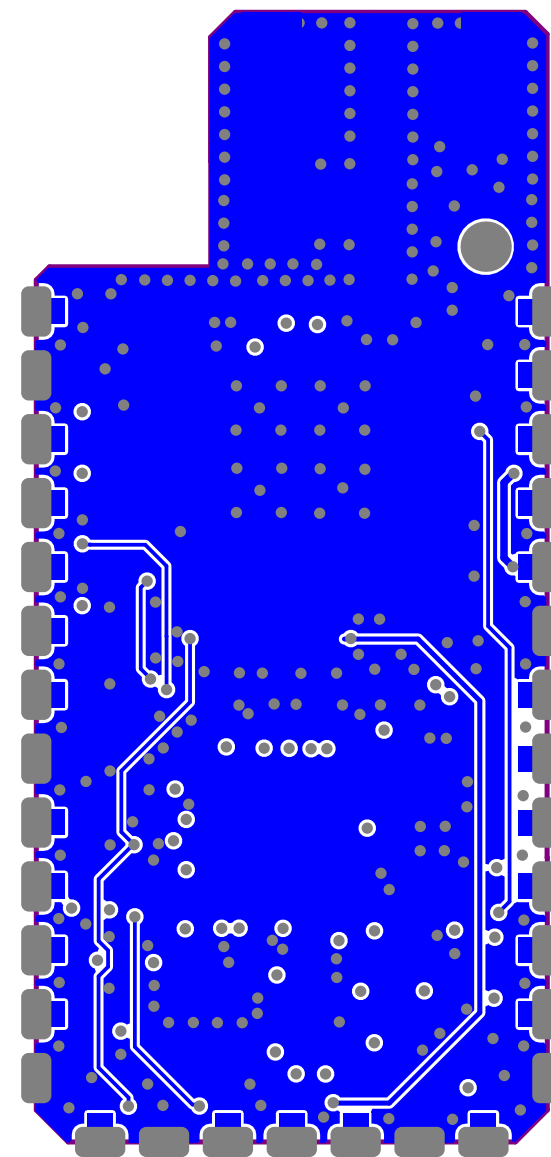


Project: ST67W611M1A6P Single Antenna		
Layer: Internal 1	Gerber: .G1	
Variant: [No Variations]	Ref: B2414	
Date: April-2025	Rev: A	

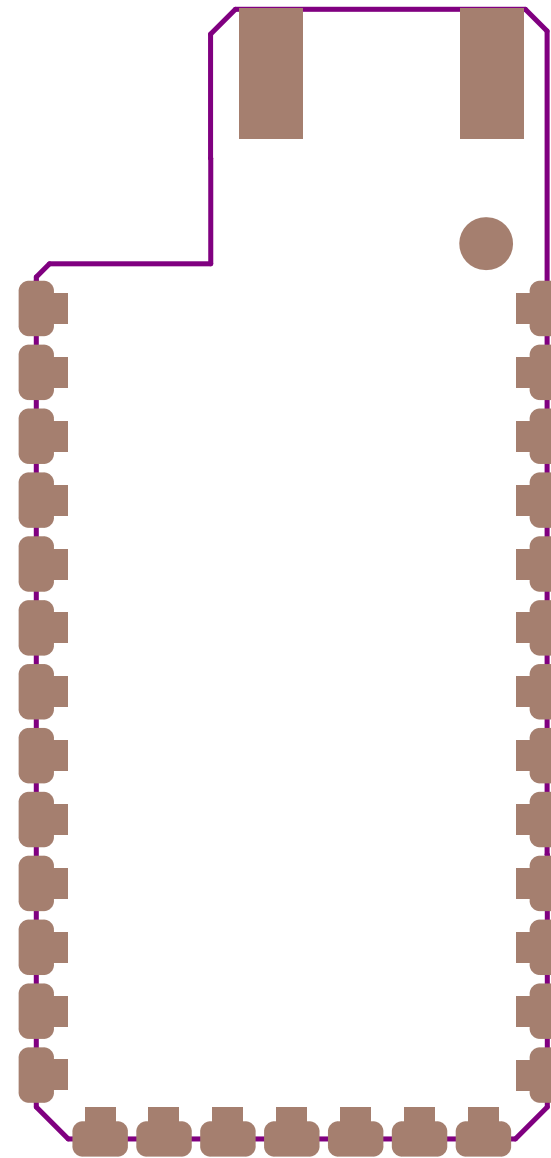


Project: ST67W611M1A6P Single Antenna		
Layer: Internal 2	Gerber: .G2	
Variant: [No Variations]	Ref: B2414	
Date: April-2025	Rev: A	

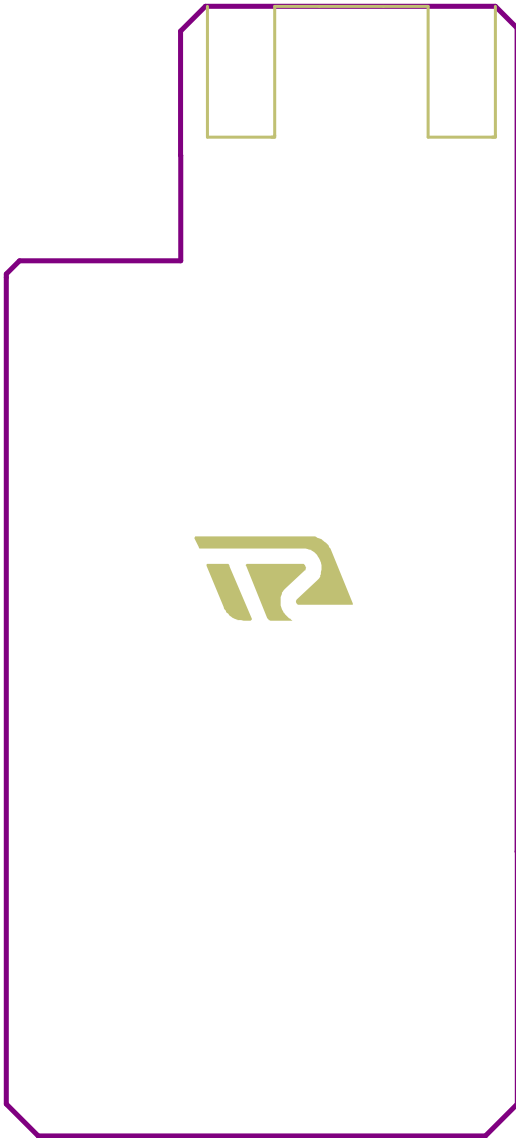
Project: ST67W611M1A6P Single Antenna		
Layer: Bottom Layer	Gerber:.GBL	
Variant: [No Variations]	Ref: B2414	
Date: April-2025	Rev: A	



Project: ST67W611M1A6P Single Antenna		
Layer: Bottom Solder	Gerber:.GBS	
Variant: [No Variations]	Ref: B2414	
Date: April-2025	Rev: A	

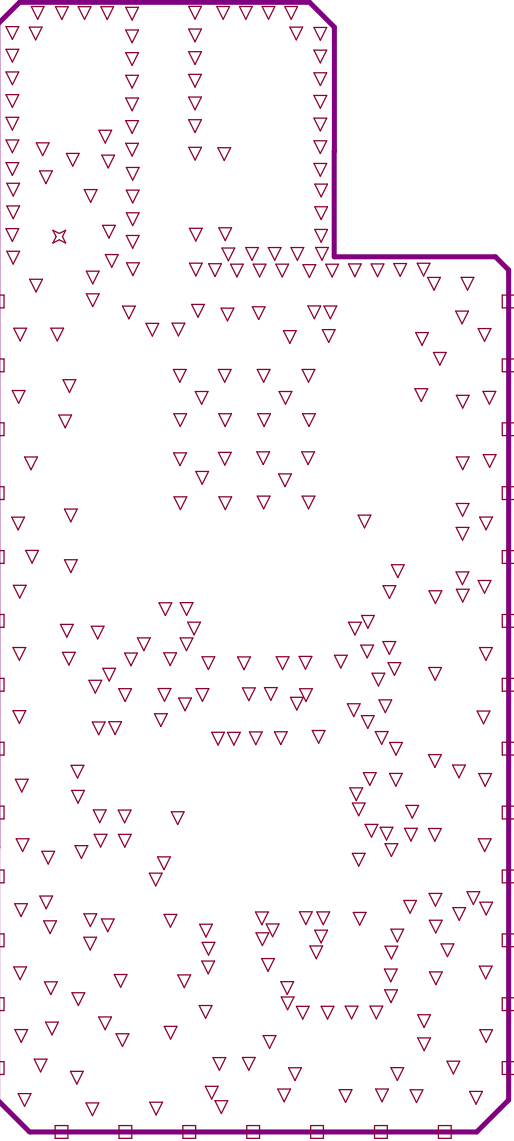


Project: ST67W611M1A6P Single Antenna		
Layer: Bottom Overlay	Gerber:.GBO	
Variant: [No Variations]	Ref: B2414	
Date: April-2025	Rev: A	



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
✕	1	39.37mil (1.00mm)	PTH	Round	Top Layer - Bottom Layer	Pad	Rounded	c200h100m210				-	-
□	33	39.37mil (1.00mm)	PTH	Slot	Top Layer - Bottom Layer	Pad	Rounded Rectangle	r200_120h100_150r30m220_140				59.06mil (1.50mm)	19.69mil (0.50mm)
▽	289	7.87mil (0.20mm)	PTH	Round	Top Layer - Bottom Layer	Via	Rounded	v45h20m0mx0				-	-
	323 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



PCB SPECIFICATIONS :

A. MATERIAL :

FR-4☐ TG-170☒ TG-150☐ TG-140

B. MATERIAL FAMILY :

N/A

C. SOLDERMASK COLOR :

☐ GREEN☒ BLUE☐ RED☐ BLACK

D. SILKSCREEN COLOR :

☒ WHITE☐ YELLOW☐ BLACK

E. SURFACE FINISH :

☒ ENIG☐ IMMERSION SILVER☐ IMMERSION TIN☐ HASL☐ HASL (PB-FREE)☐ GOLDEN FINGER

☐ IMPEDANCE CONTROL :

☒ NO☐ YES (SEE IMPEDANCE TABLE FOR DETAIL INFORMATION)

G. THROUGH VIA :

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

☐ STACK-UP :

SEE LAYER STACK-UP SEQUENCE FOR OVERALL THICKNESS.

Project: ST67W611M1A6P Single Antenna		
Layer: Drill Drawing	Gerber: .DRL	
Variant: [No Variations]	Ref: B2414	
Date: April-2025	Rev: A	