

PCB DEFINITION

- ROHS UL94V0 TG>=150°C
 UL746E LOW CTE SMI
 RIGIDE FLEX RIGID FLEX
 if flex, kapton thickness :
 HAL Electroless Ni/AU
 ELECTRICAL TEST : To be done on all pcb 100%
 DATASHEET OF LAMINATE TO BE SUPPLIED
 CONTROLLED IMPEDANCE
 COC CERTIFICATE OF CONFORMITY
 IMPEDANCE TEST
 CERTIFICATE OF SOLDERABILITY
 METALLOGRAPHIC TEST REPORT
 MATERIAL CERTIFICATES
 IONIC CONTAMINATION TEST REPORT
 CONTROLLED DIMENSION
 OPERATING TEMPERATURE : 0.70°C
 IPC A600 current revision level B

TRACK WITH AND SPACING

MINIMAL TRACK WIDTH 150µm
MINIMAL CLEARANCE 150µm

FINISHED

- TOP SOLDER RESIST BLACK
 BOTTOM SOLDER RESIST BLACK
 TOP SILSCREEN WHITE
 BOTTOM SILSCREEN WHITE
 VCUT
 MILLING

STACKUP

TOTAL : 1.56mm

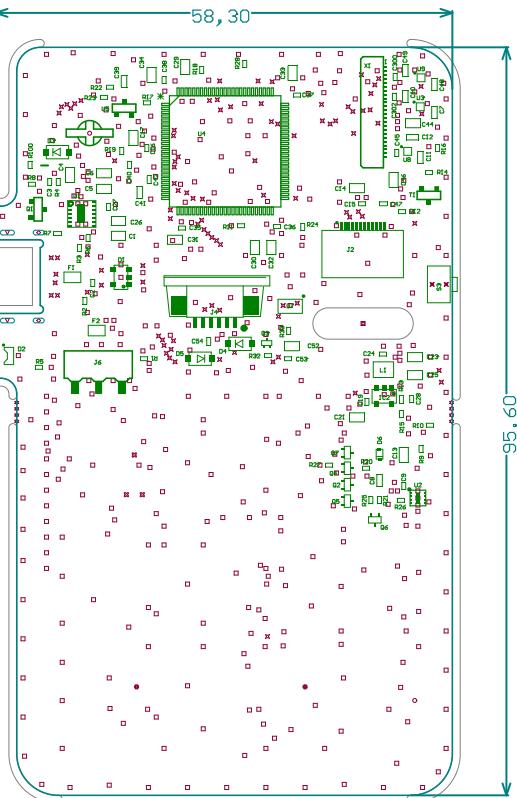


COTATION IN mm, +/-0.1

Symbol	Count	Hole Size	Plated
✖	8	0,50mm	NPTH
✖	2	0,80mm	NPTH
✖	3	0,89mm	NPTH
○	2	3,20mm	NPTH
■	1	4,00mm	NPTH
✖	95	0,20mm	PTH
□	438	0,30mm	PTH
◇	2	0,60mm	PTH
▽	2	0,60mm	PTH
✳	2	1,00mm	PTH
555 Total			

Layer	Name	Material	Thickness	Constant	Board Layer Stack
	TopOverlay				
	TopSolder	Solder Resist	0.010mm	3.5	
1	Top <1>		0.035mm		
	Dielectric1	2116	0.127mm	4.2	
2	GND <2>		0.035mm		
	Dielectric2	FR-4	1.200mm	4.2	
3	UCC <3>		0.036mm		
	Dielectric3	2116	0.127mm	4.2	
4	Bottom <4>		0.035mm		
	BottomSolder	Solder Resist	0.010mm	3.5	
	BottomOverlay				

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



2282 - 601

SPECIFICATION

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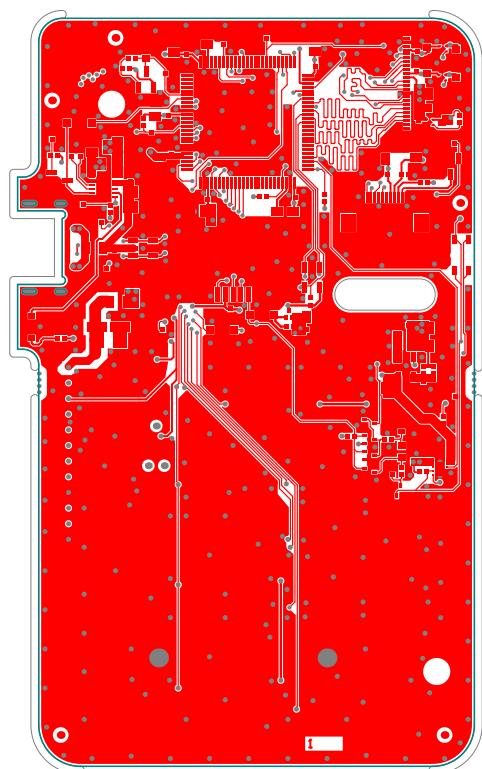
ALTYOR
121 Rue des Hétres
45590 SAINT CYR EN VAL

2282 - 601**Top Copper Layer**DATE **18/11/2025**

TOLERANCE

0.2mm

REVISION

V3.8

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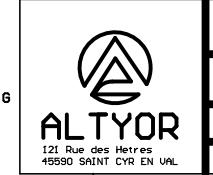
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Top Solder Resist

DATE 18/11/2025

TOLERANCE

0.2mm

REVISION

V3.8

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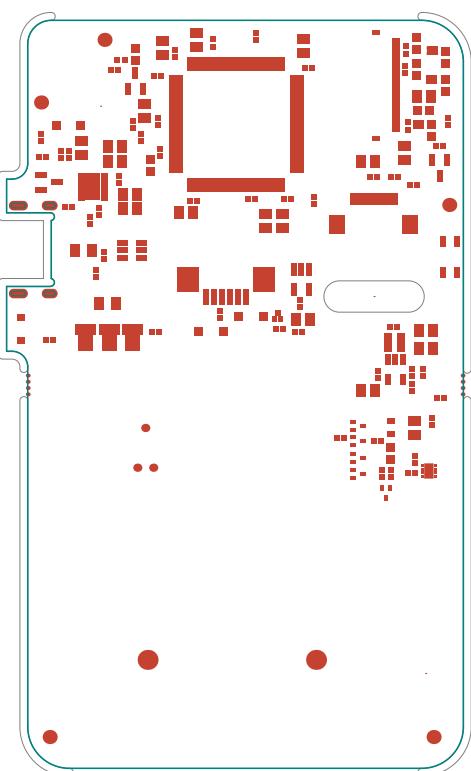
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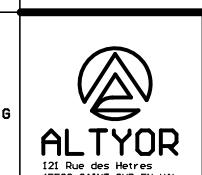
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2282 - 601

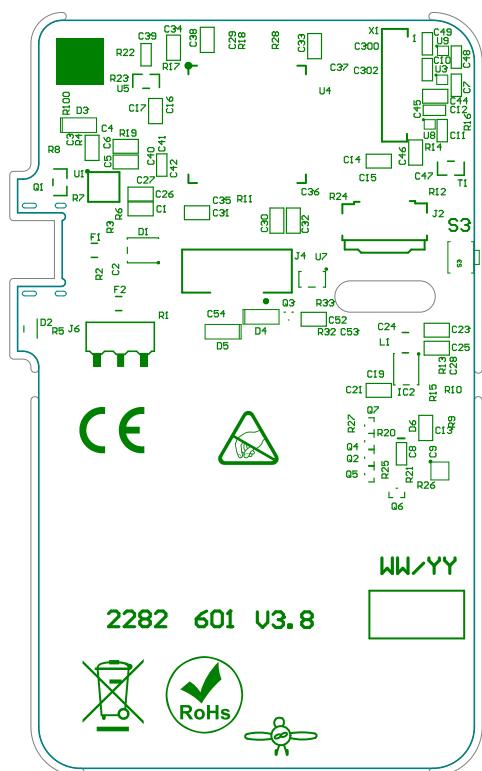
Top Silkscreen

DATE 18/11/2025

TOLERANCE 0.2mm

REVISION

V3.8



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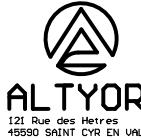
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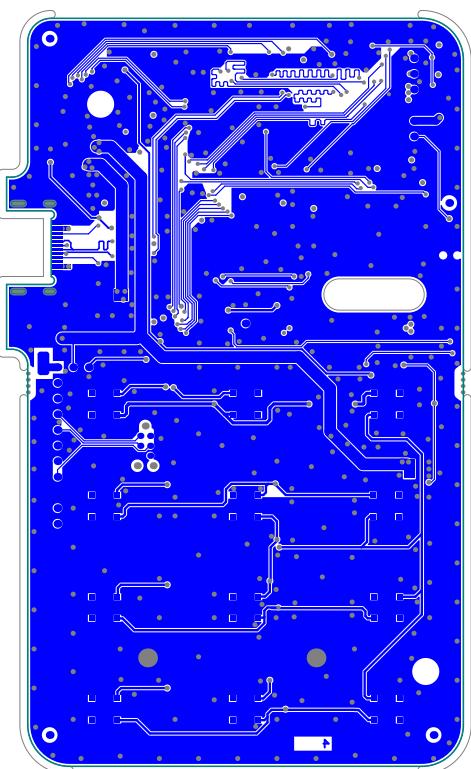
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**2282 - 601****Bottom Layer****DATE** 18/11/2025**TOLERANCE**

0.2mm

REVISION**V3.8**

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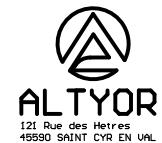
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2282 - 601

Bottom Solder Resist

DATE 18/11/2025

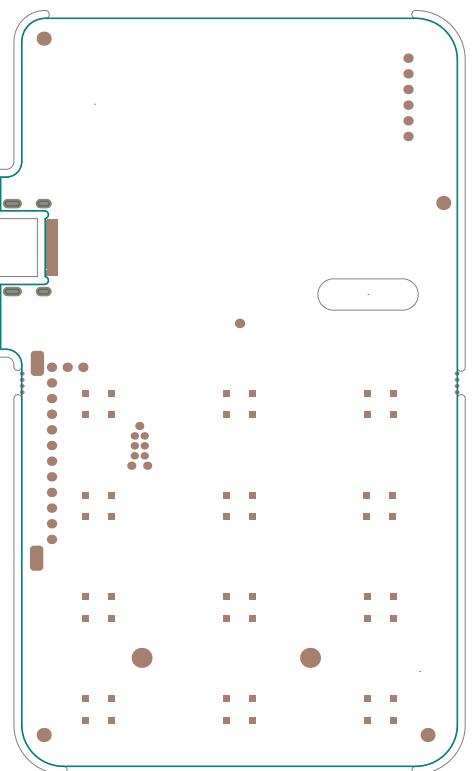
TOLERANCE

0.2mm

REVISION

V3.8

V3.8



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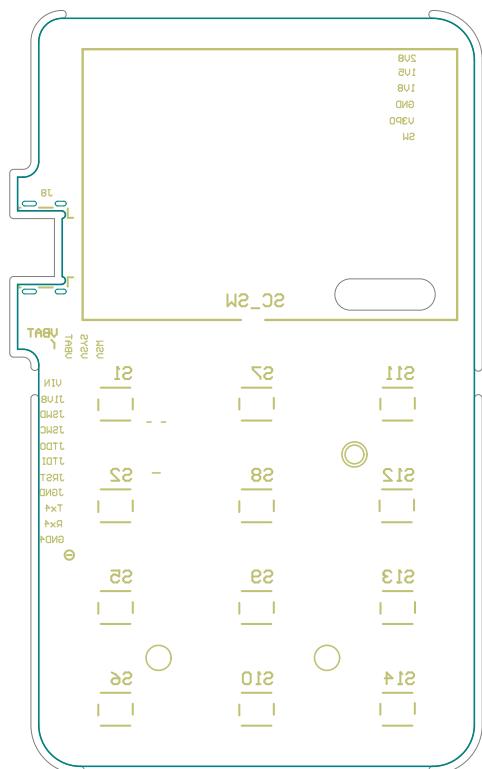
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	2282 - 601		
Bottom Silkscreen			
DATE	18/11/2025	TOLERANCE	0.2mm
DESSINATEUR	D. LEBRUN	REVISION	V3.8

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ALTYOR
121 Rue des Hêtres
45590 SAINT CYR EN VAL

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Copper Layer 2

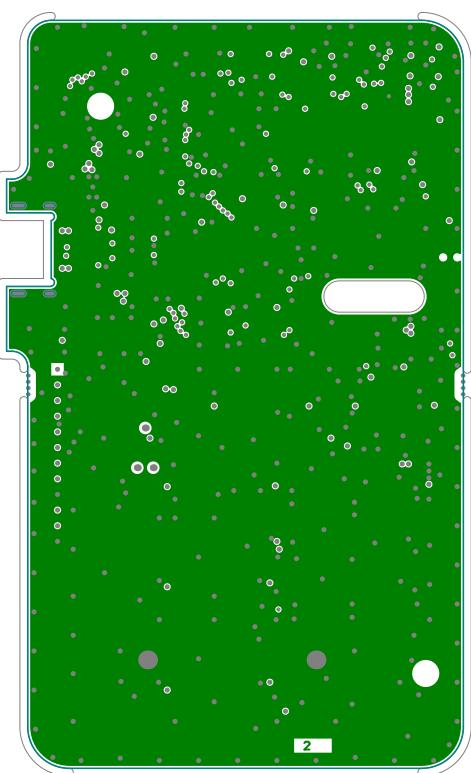
DATE 18/11/2025

TOLERANCE

0.2mm

REVISION

V3.8



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2282 - 601

Copper Layer 3

DATE 18/11/2025

TOLERANCE

0.2mm

REVISION

V3.8

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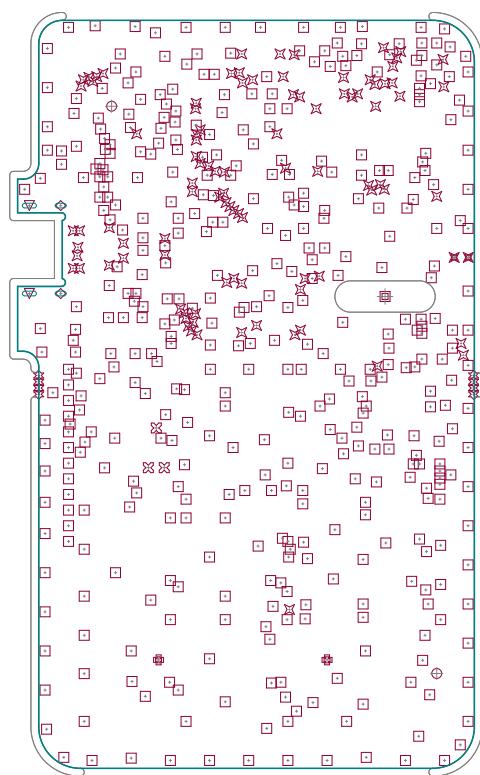
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555 Total			

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Drill Drawing

DATE 18/11/2025

TOLERANCE

0.2mm

REVISION

V3.8

ALTYOR
121 Rue des Metres
45590 SAINT CYR EN VAL

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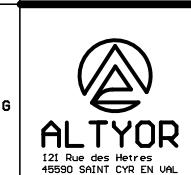
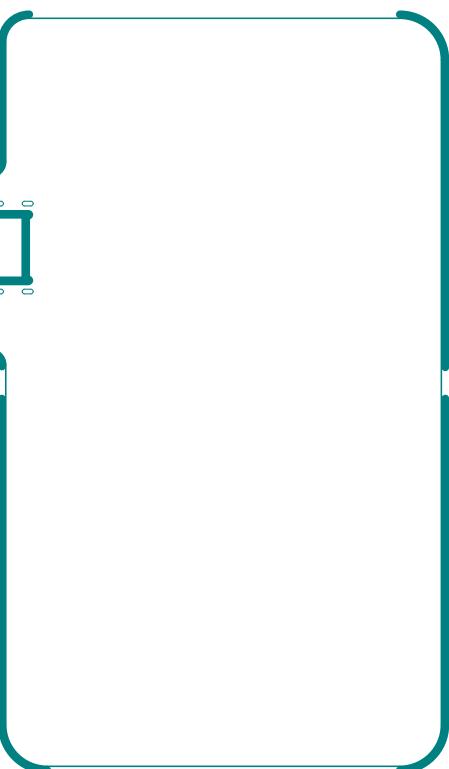
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Milling Definition

DATE 18/11/2025

TOLERANCE

0.2mm

REVISION

V3.8

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