

**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

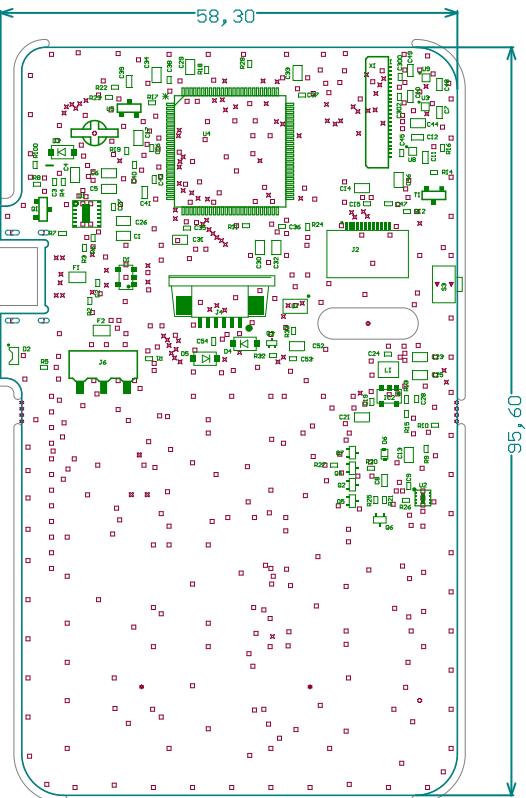


COTATION IN mm, +/-0.1

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
J	2	0,60mm	PTH
E	2	0,60mm	PTH
✖	2	1,00mm	PTH
555 Total			

Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	TopOverlay				
2	TopSolder	Solder Resist	0,010mm	3,5	
3	Top <1>	Copper	0,035mm		
4	Dielectric1	2116	0,127mm	4,2	
5	GND <2>	Copper	0,035mm		
6	Dielectric2	FR-4	1,200mm	4,2	
7	UCC <3>	Copper	0,036mm		
8	Dielectric4	2116	0,127mm	4,2	
9	Bottom <4>	Copper	0,035mm		
10	BottomSolder	Solder Resist	0,010mm	3,5	
11	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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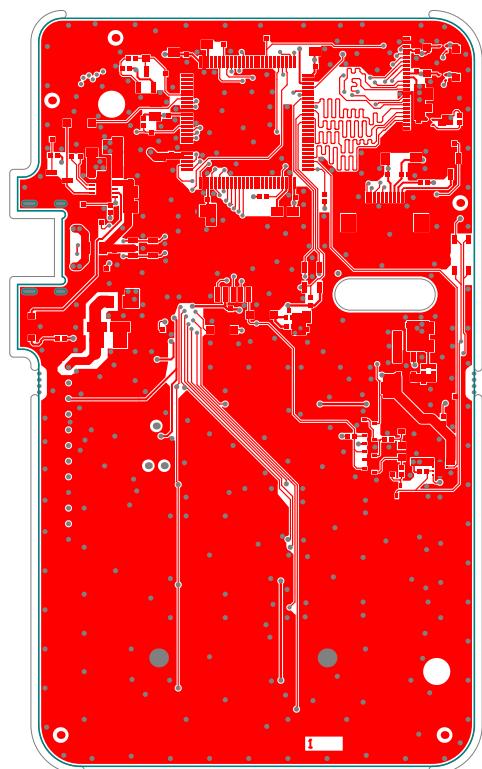
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**2282 - 601****Top Copper Layer****DATE** 19/05/2025**TOLERANCE**

0.2mm

**REVISION****V3.7**

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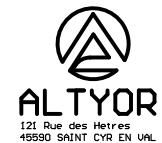
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2282 - 601

Top Solder Resist

DATE 19/05/2025

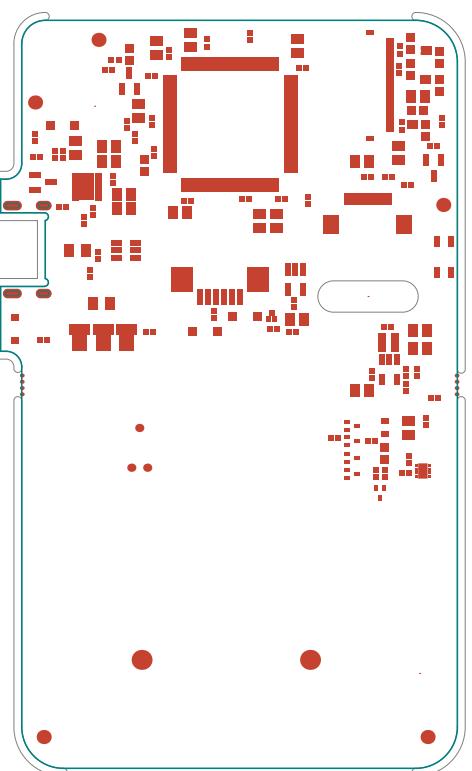
TOLERANCE

REVISION

DESSINATEUR D. LEBRUN

0.2mm

V3.7



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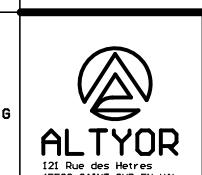
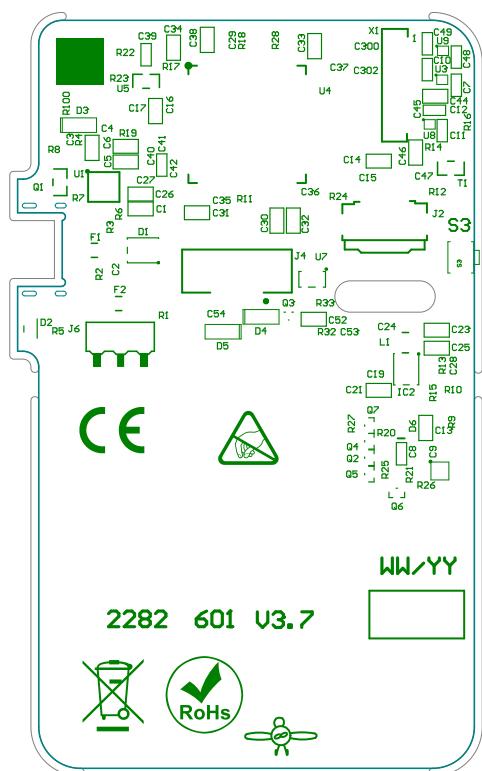
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**2282 - 601****Top Silkscreen****DATE 19/05/2025****TOLERANCE****0.2mm****REVISION****V3.7**

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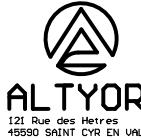
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ALTYOR

121 Rue des Metres  
45590 SAINT CYR EN VAL

2282 - 601

Bottom Layer

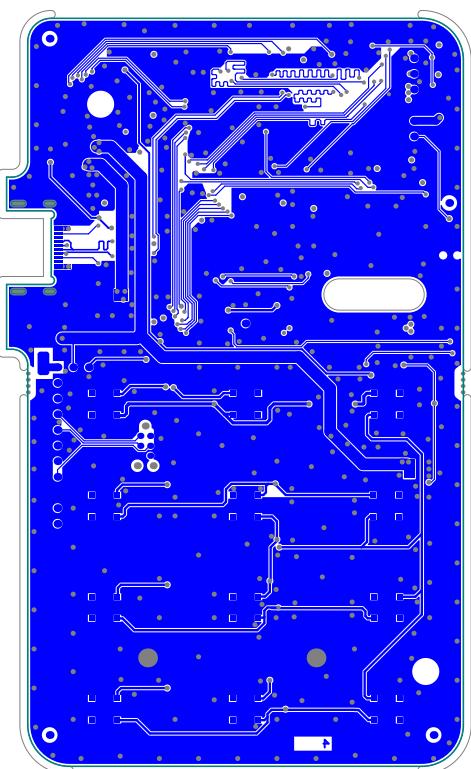
DATE 19/05/2025

TOLERANCE

0.2mm

REVISION

V3.7



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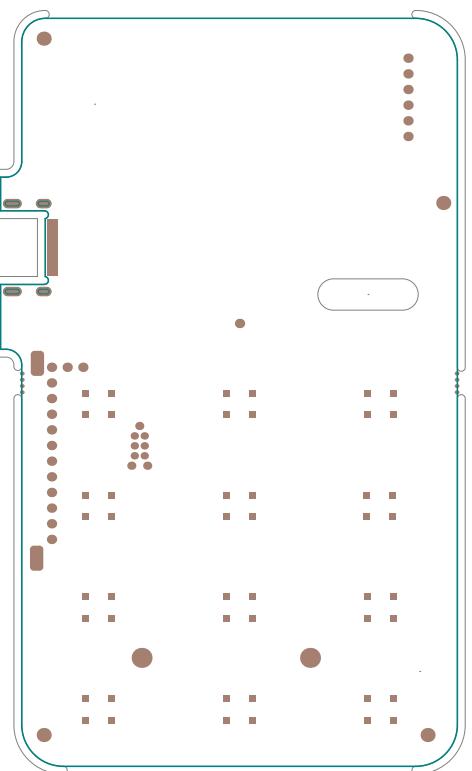
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 <b>ALTYOR</b> 121 Rue des Hétres 45590 SAINT CYR EN VAL	<b>2282 - 601</b>
	<b>Bottom Solder Resist</b>
<b>DATE</b>	19/05/2025
<b>TOLERANCE</b>	0.2mm
<b>DESSINATEUR</b>	D. LEBRUN
	<b>V3.7</b>

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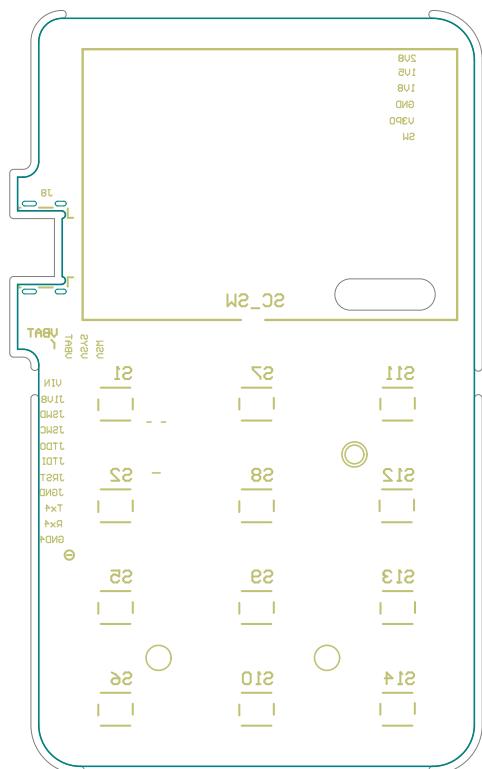
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	2282 - 601
<b>Bottom Silkscreen</b>	
DATE DESSINATEUR	19/05/2025 D. LEBRUN
TOLERANCE REVISION	0.2mm <b>V3.7</b>

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2282 - 601

Copper Layer 2

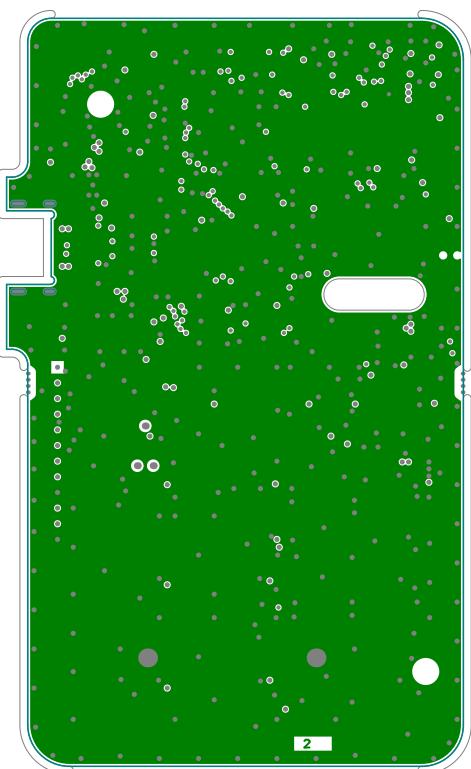
DATE 19/05/2025

TOLERANCE

0.2mm

REVISION

V3.7



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ALTYOR  
121 Rue des Hétres  
45590 SAINT CYR EN VAL

2282 - 601

Copper Layer 3

DATE 19/05/2025

TOLERANCE

0.2mm

REVISION

V3.7



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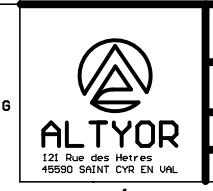
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2282 - 601

Drill Drawing

DATE 19/05/2025

TOLERANCE

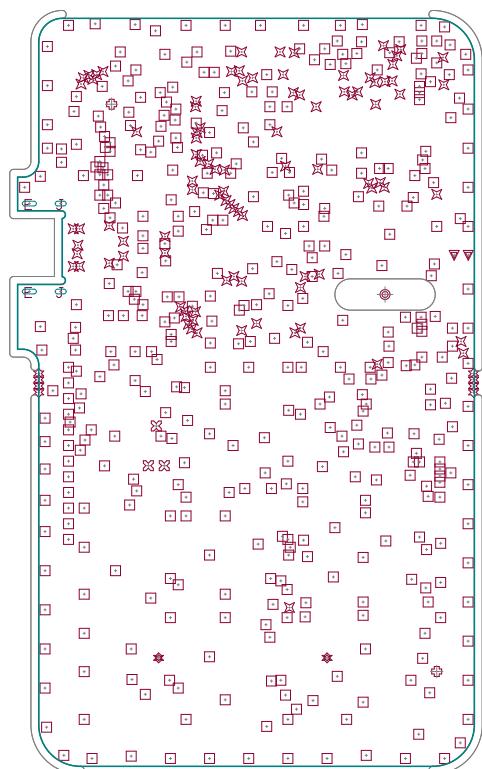
0.2mm

REVISION

V3.7

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Drill Drawing

DATE 19/05/2025

TOLERANCE

0.2mm

REVISION

V3.7

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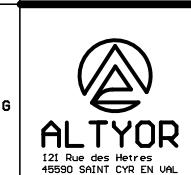
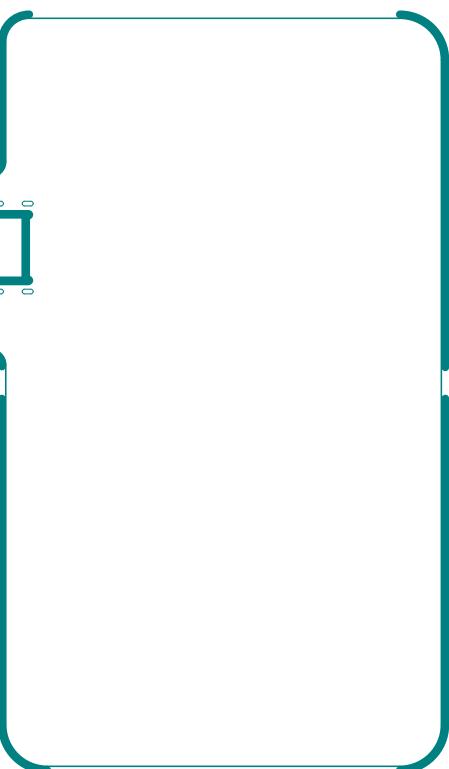
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2282 - 601

Milling Definition

DATE 19/05/2025

TOLERANCE

REVISION

DESSINATEUR D. LEBRUN

0.2mm

V3.7

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