## FILE OROLIA ART\_CARD

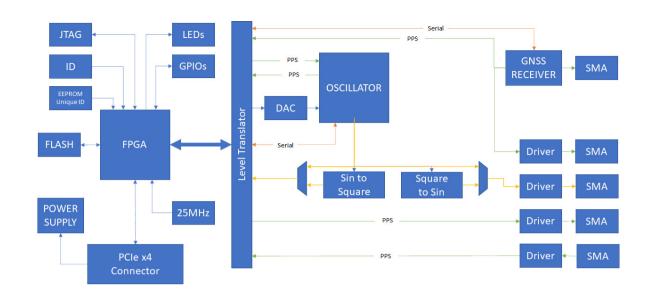
Réf PCB:	ART	<b>CARD</b>	Rev 4

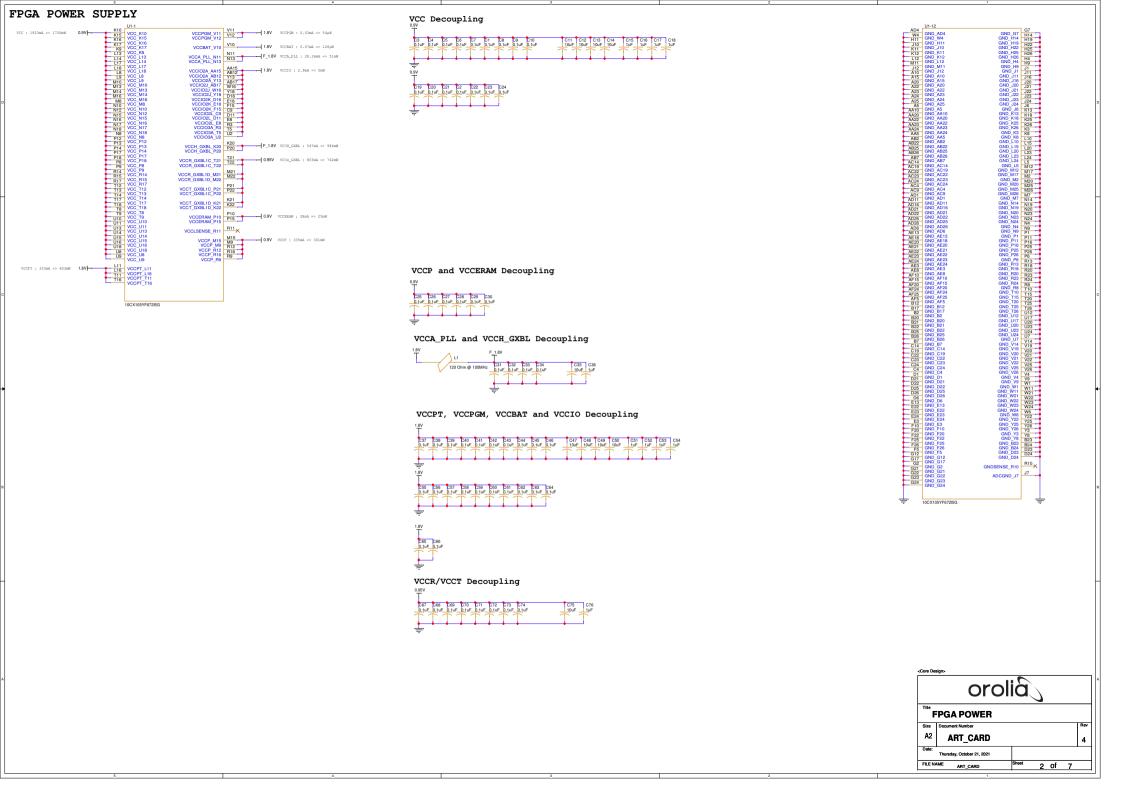
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<u> </u>	/	SHEETS OF ELECTRICAL	SCHEIMATICS

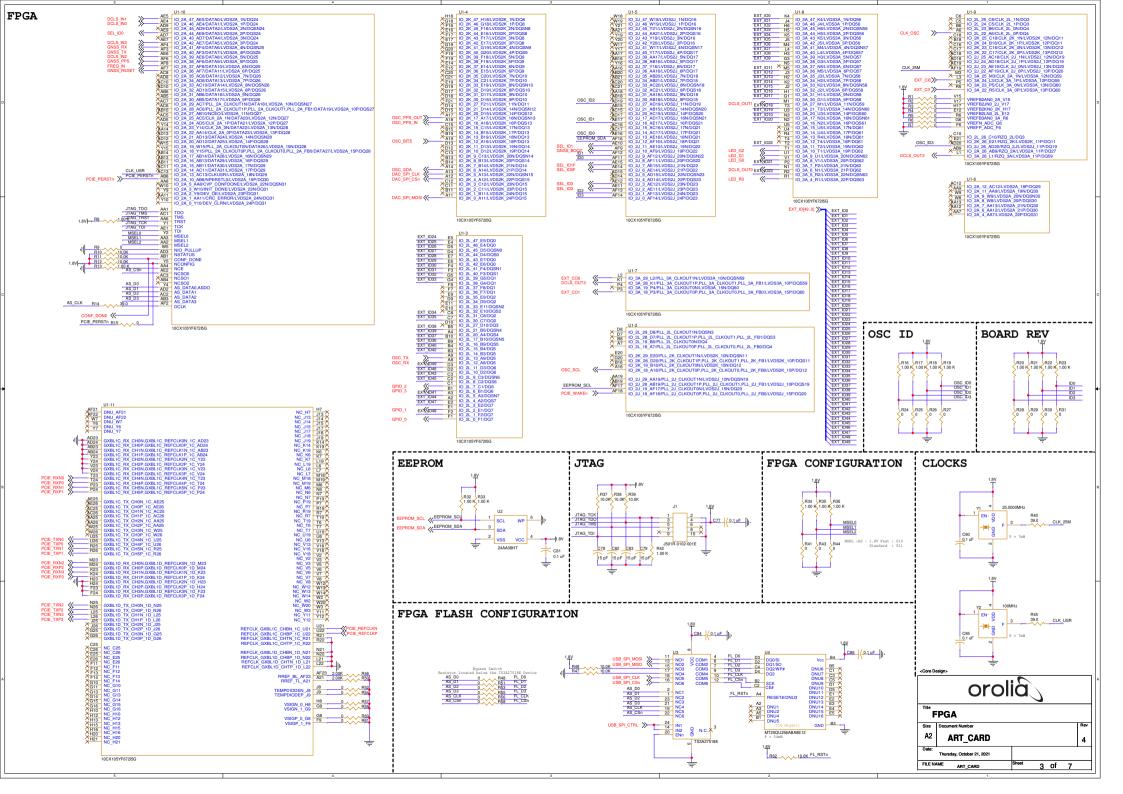
- □ ASSEMBLY DRAWING TOP
- □ ASSEMBLY DRAWING BOTTOM
- ⇒ 1 SILKSCREEN TOP
- ⇒ 1 SOLDER MASK TOP
- □ COPPER LAYER TOP
- □ COPPER LAYER INNER 1
- ⇒ 1 COPPER LAYER INNER 2
- ⇒ 1 COPPER LAYER INNER 3
- ⇒ 1 COPPER LAYER INNER 4
- ⇒ 1 COPPER LAYER INNER 5
- ⇒ 1 COPPER LAYER INNER 6
- □ COPPER LAYER BOTTOM
- ⇒ 1 SOLDER MASK BOTOM
- ⇒ 1 SILKSCREEN BOTTOM
- □ DRILL DRAWING

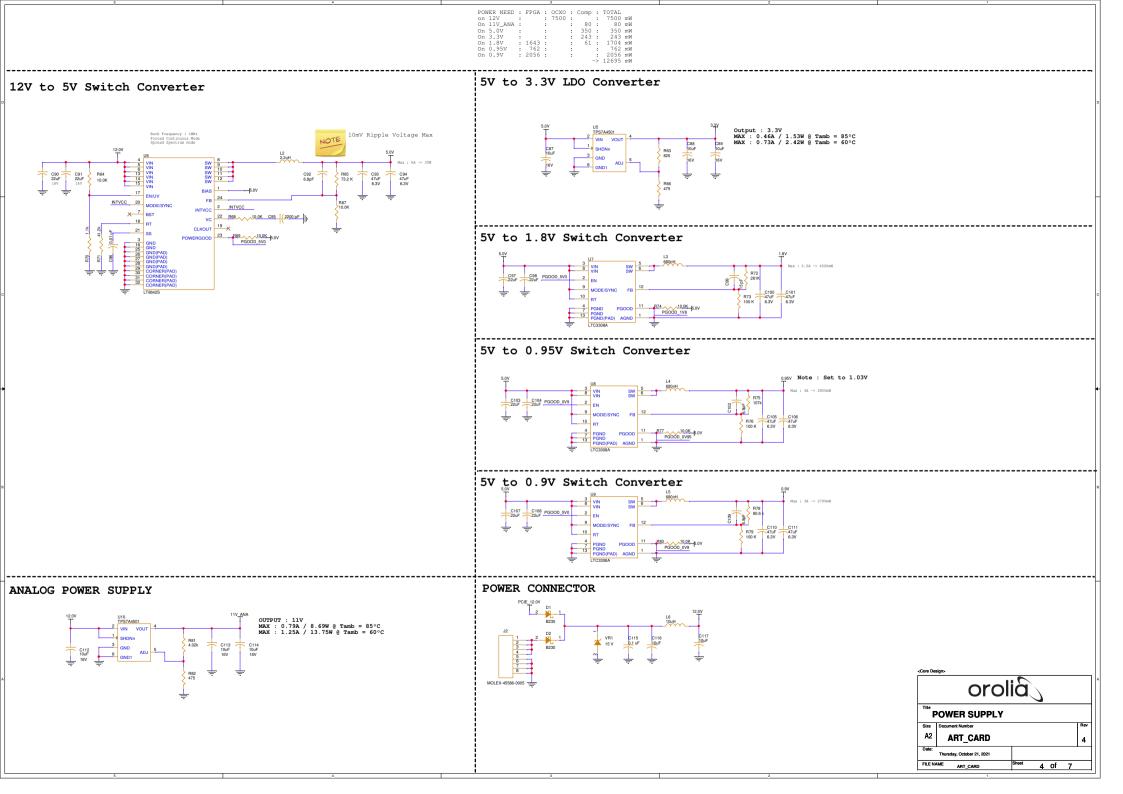


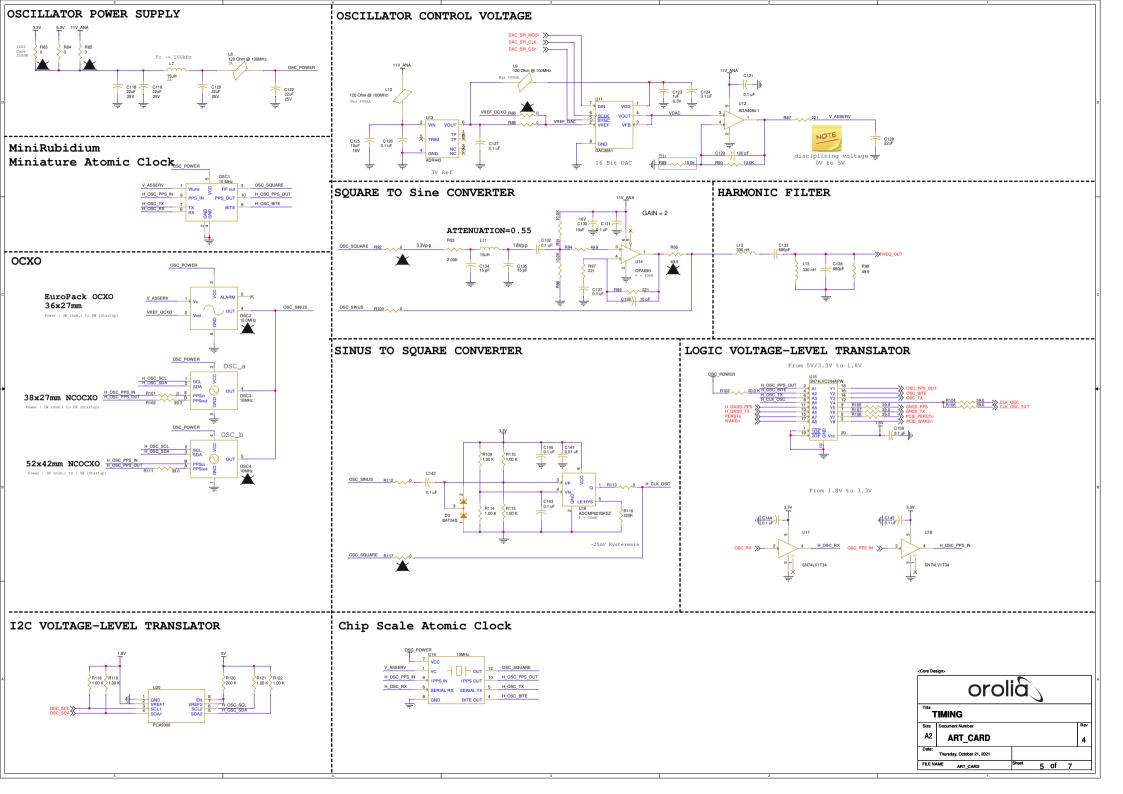
contact@artemis-cad.com

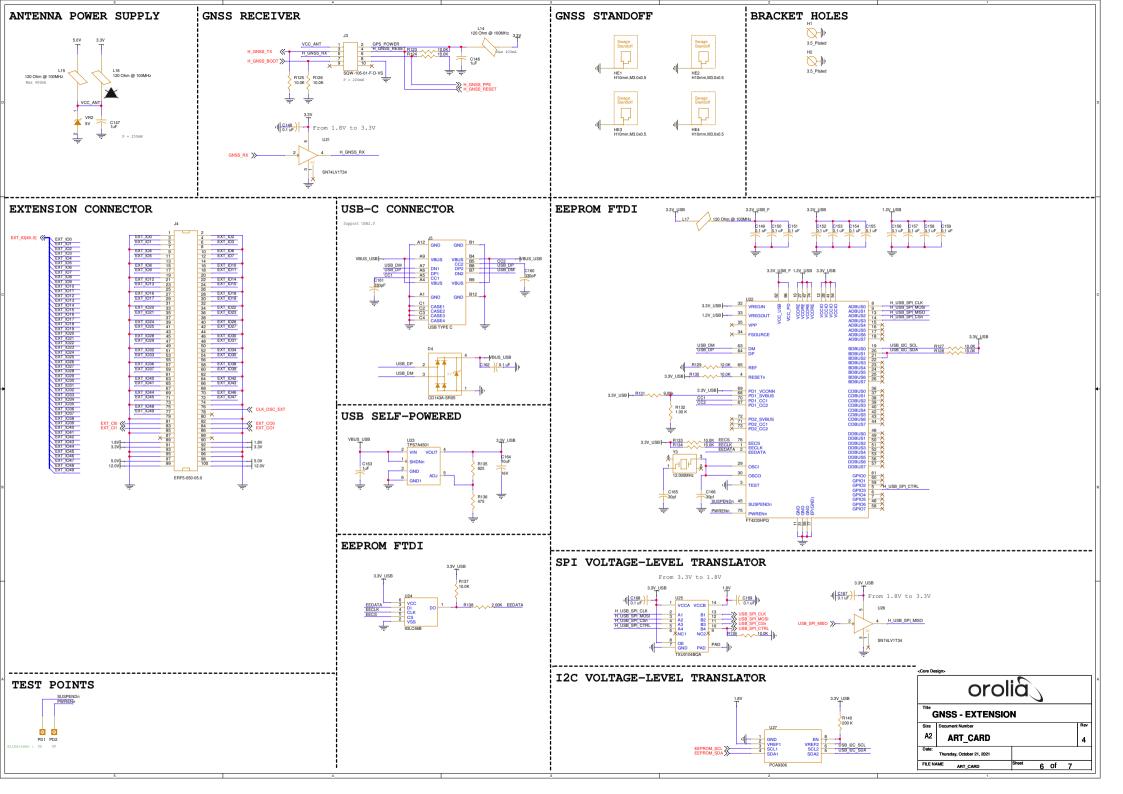


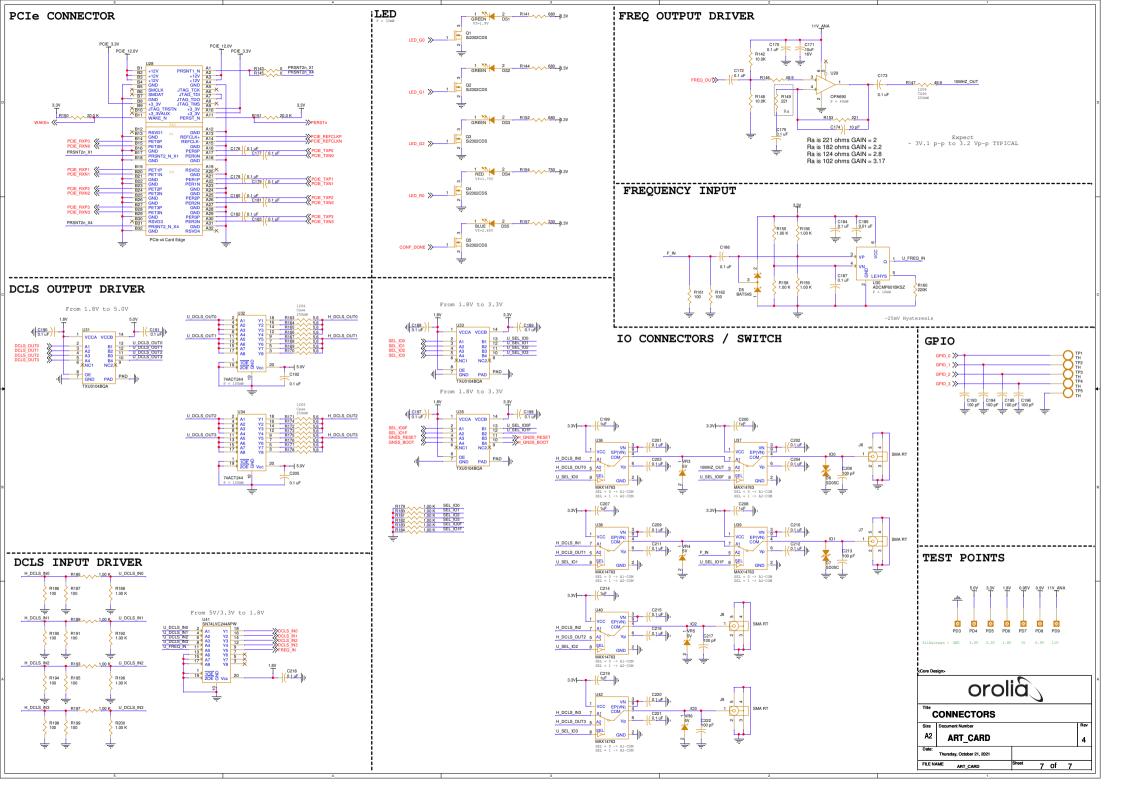


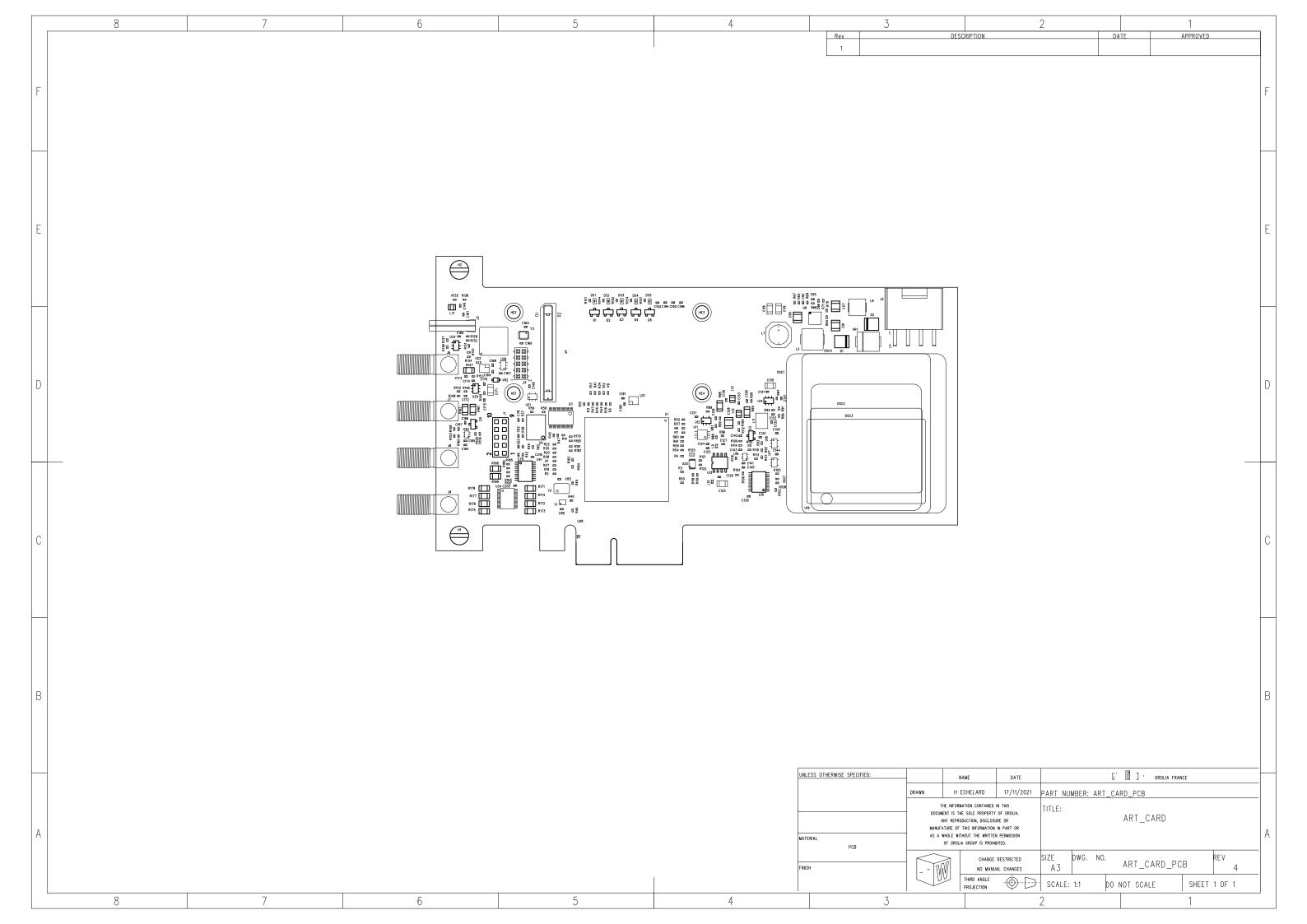


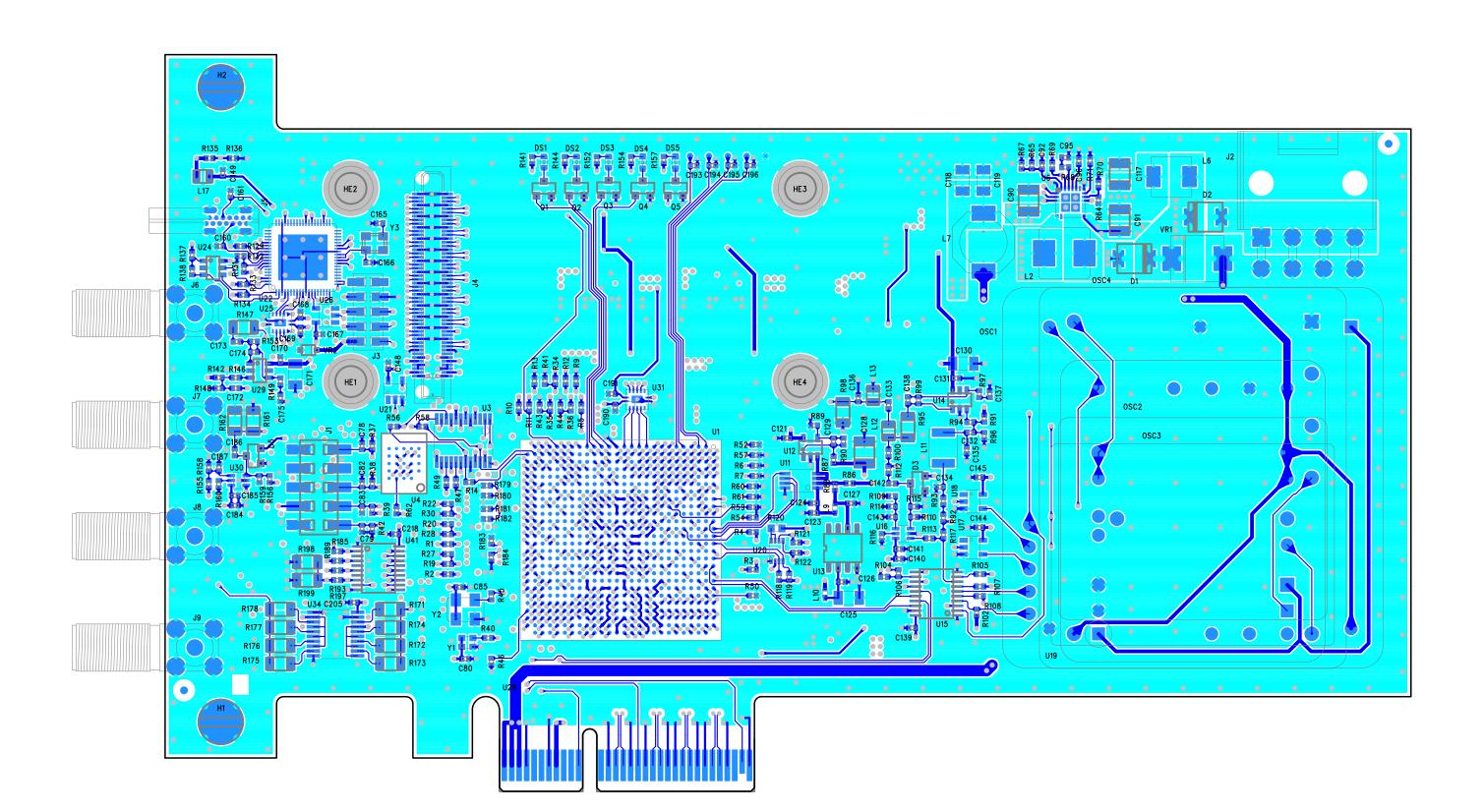


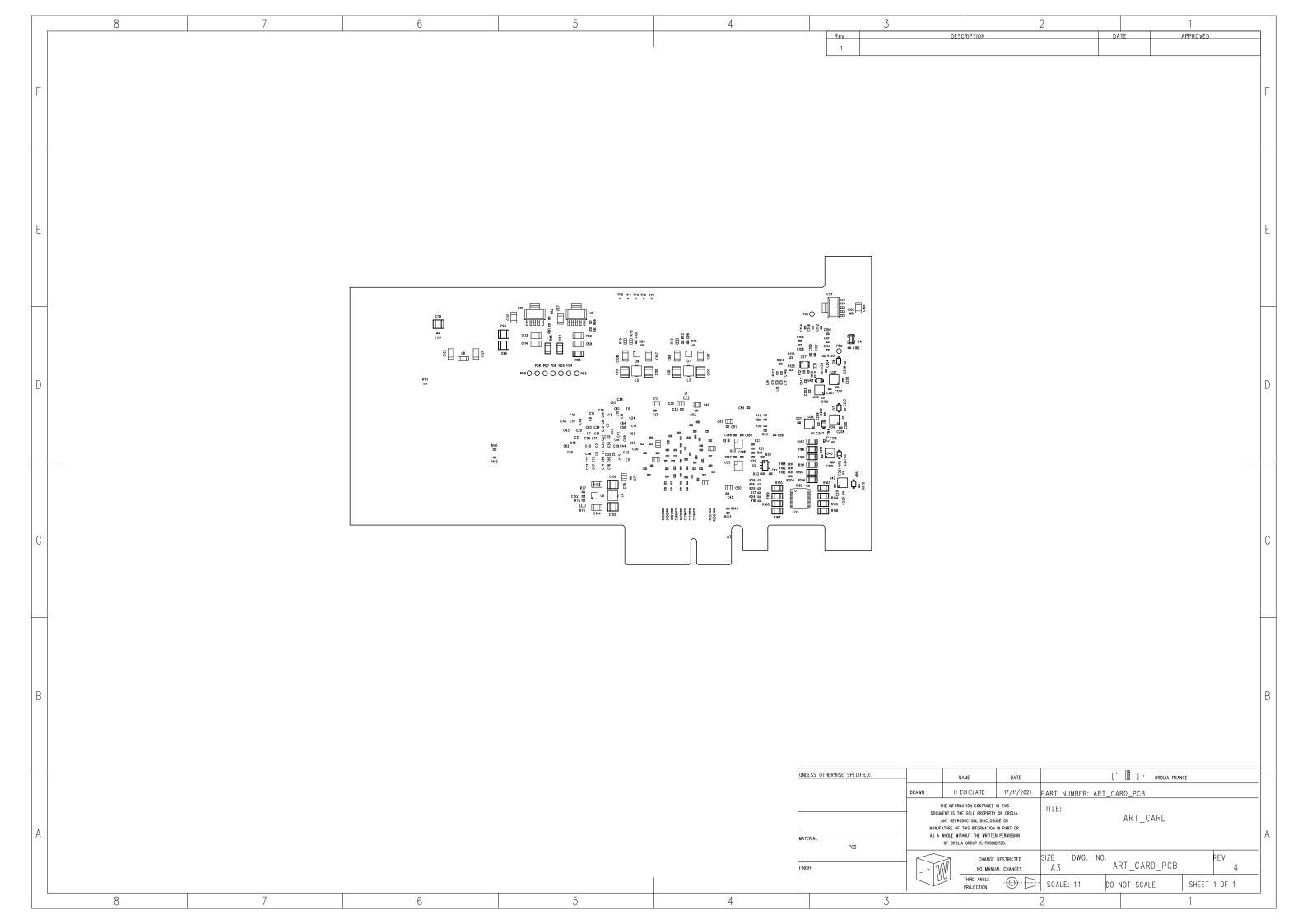


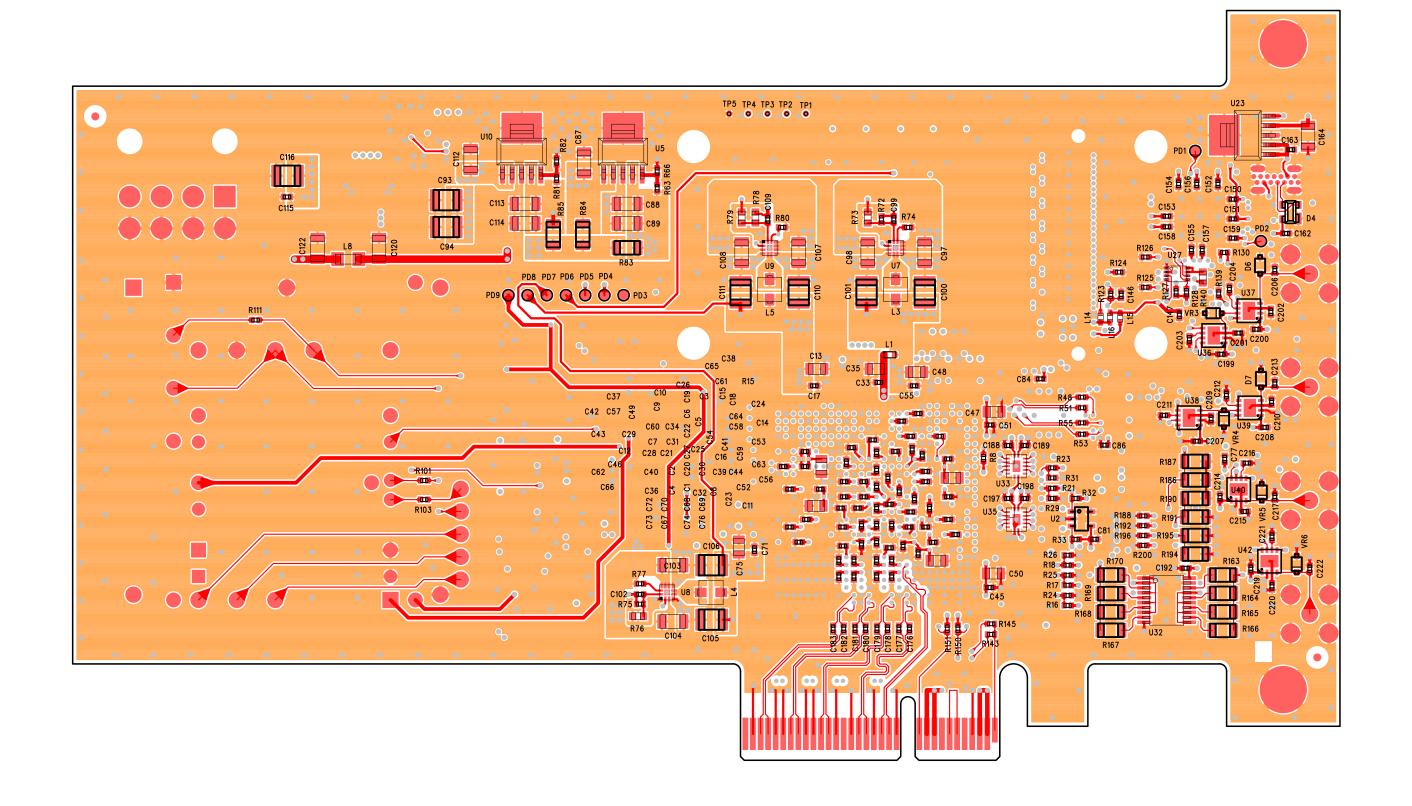






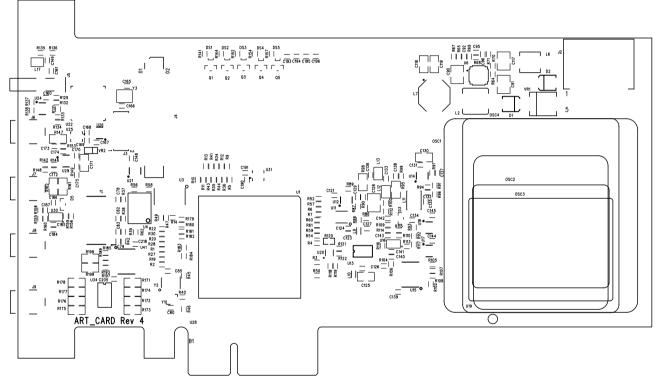






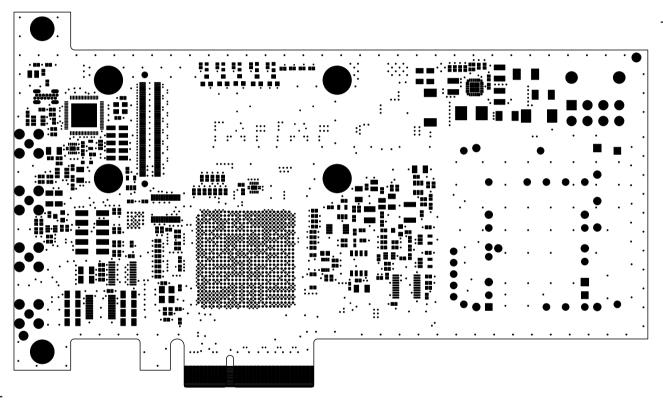






FILM: SEI	RIGRAPHIE COMPOSANT	ARTEMIS
DOSSIER:	ART_CARD Rev 4	17/11/21



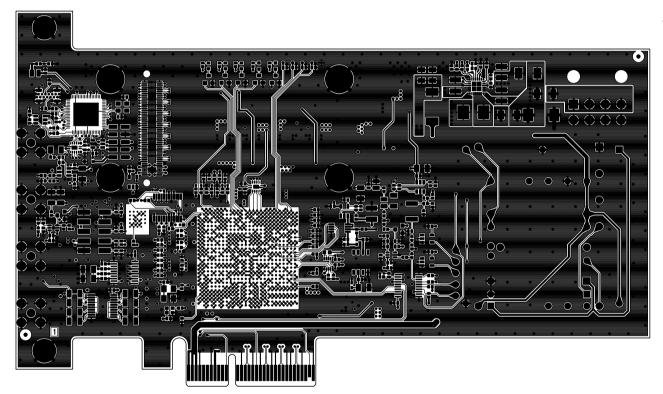




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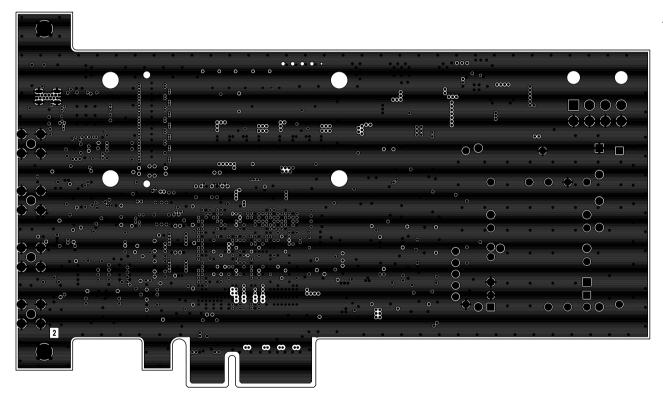




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DOSSIER: ART_CARD Rev 4	17/11/21





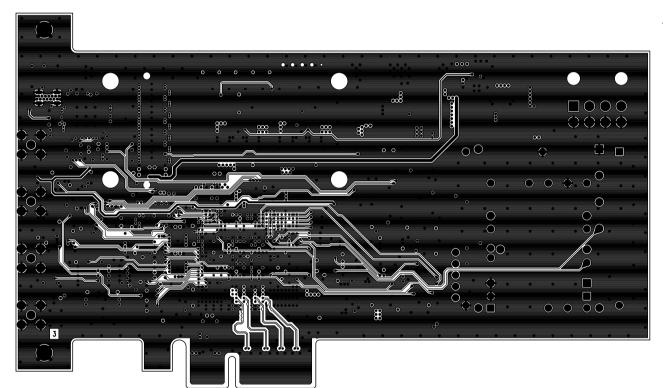




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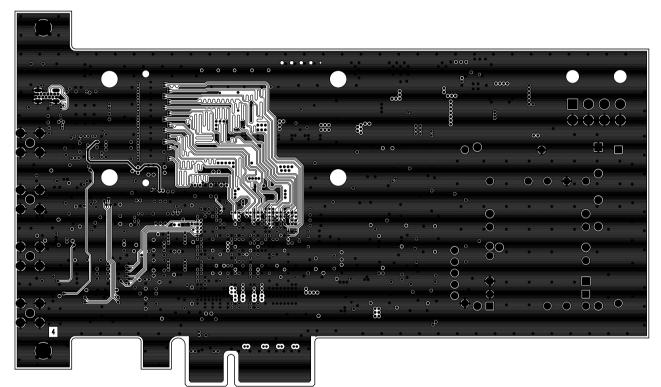




FILM: CO	JCHE INTERNE :	2	ARTEMIS
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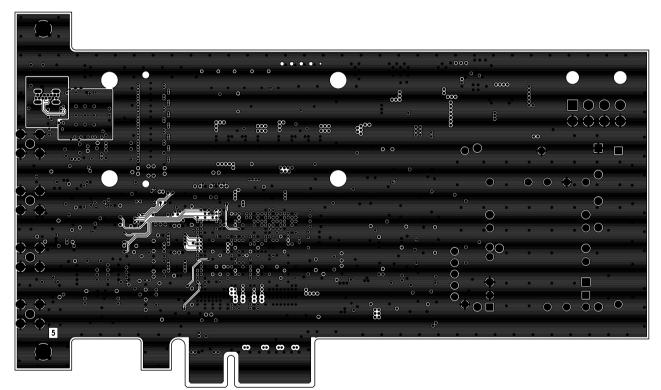




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DOSSIER: ART	_CARD Rev 4	17/11/21





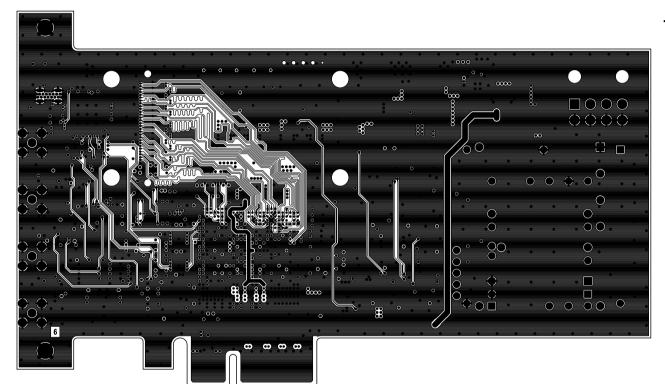




FILM: COUCHE	INTERNE 4	ARTEMIS
DOSSIER: ART	_CARD Rev 4	17/11/21





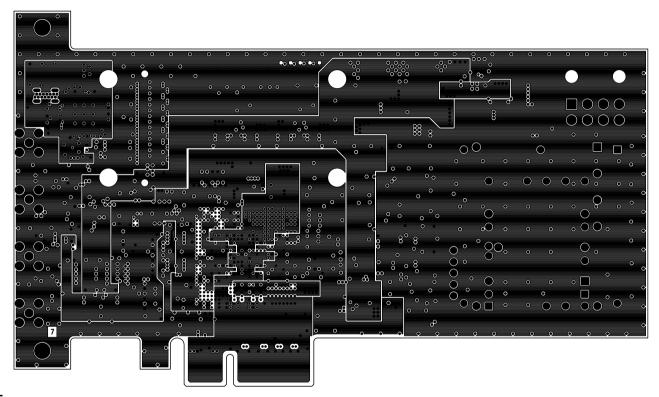




FILM: COUC	CHE INTERNE 5	ARTEMIS
DOSSIER: A	ART_CARD Rev 4	17/11/21





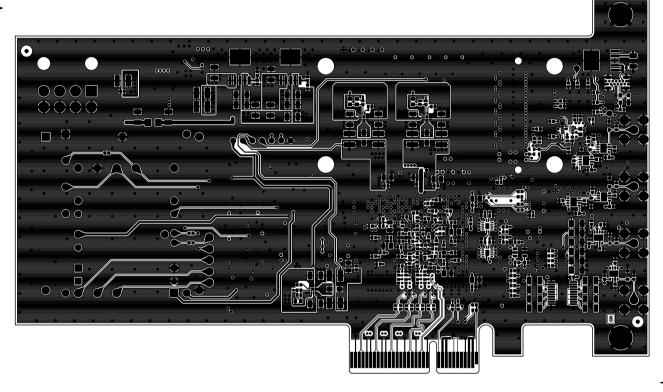




FILM: CO	JCHE INTERNE 6	ARTEMIS
DOSSIER:	ART_CARD Rev 4	17/11/21

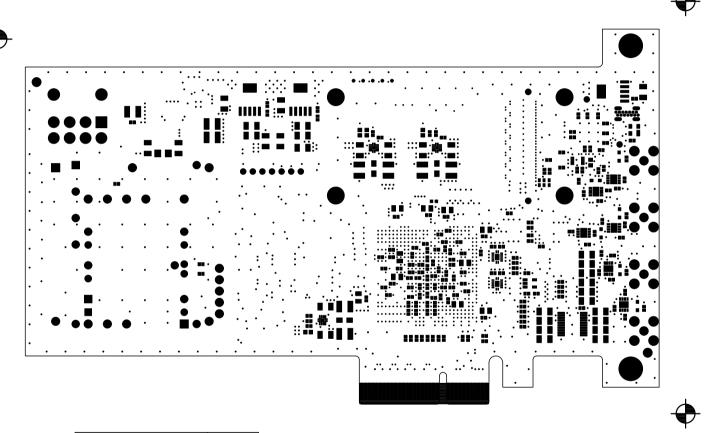


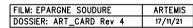




FILM: SOUDURE	ARTEMIS
DOSSIER: ART_CARD Rev 4	17/11/21

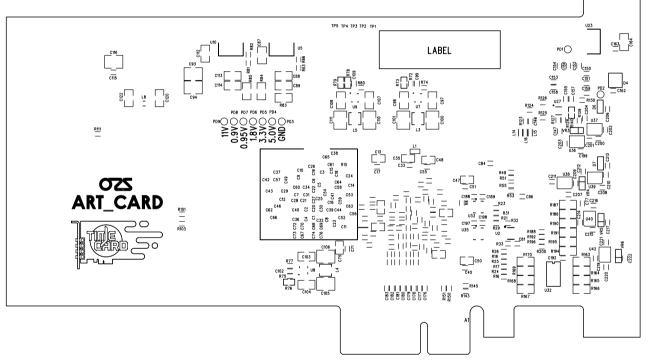






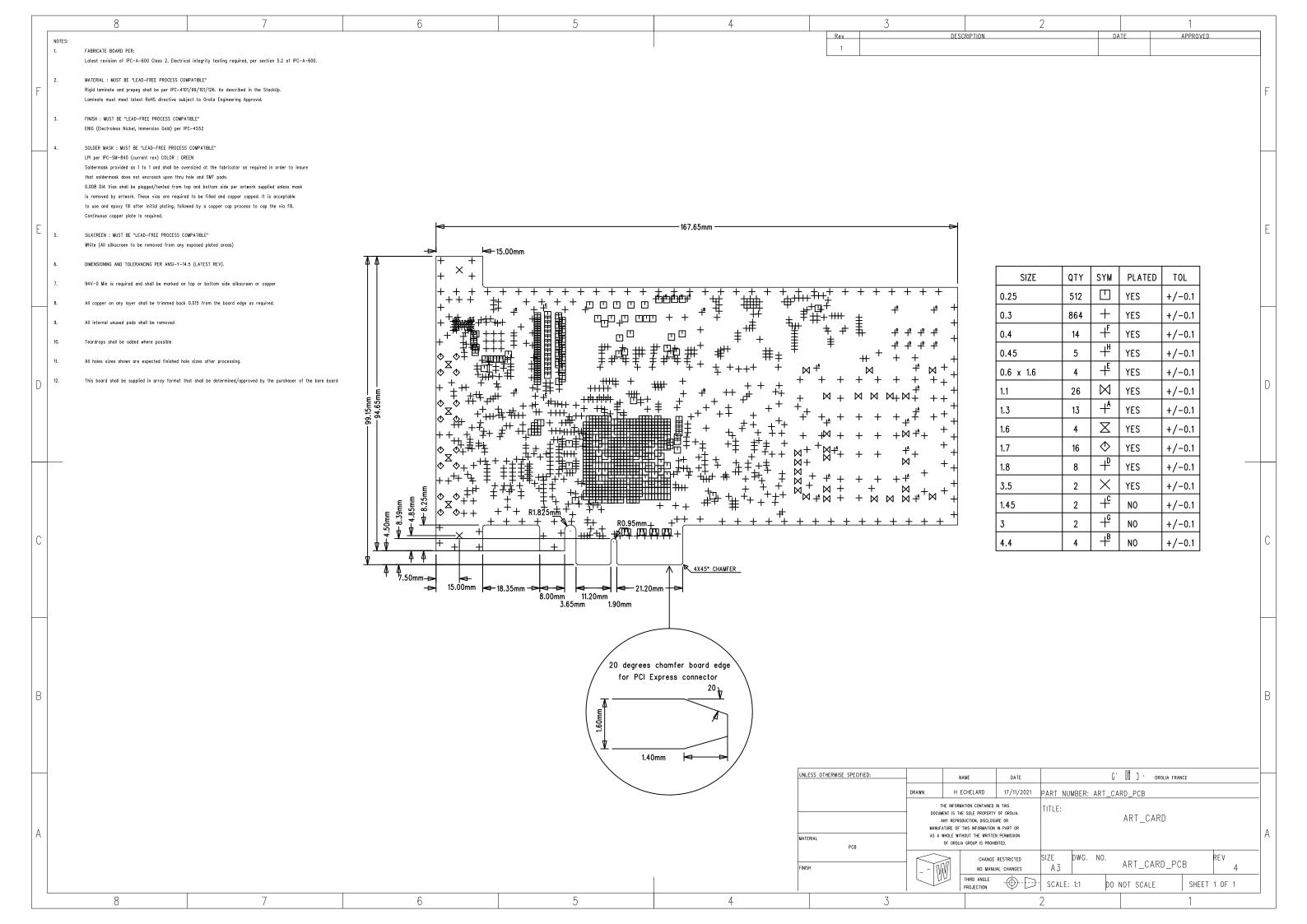






FILM: SERIGRAPHIE SOUDURE	ARTEMIS
DOSSIER: ART_CARD Rev 4	17/11/21







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## **TECHNICAL SPECIFICATION**

IPC-A-600

CUSTUMER: OROLIA

MANUFACTURER:

PCB Reference : ART_CARD		Index: Rev 4		
✓ PCB Unit	Unit PCB dimensions: 167.65 X 99.15 mm			
Panel PCB: 0	Panel PCB: 0 Panel dimensions: 0 X 0 mm			
Material: FR4 Surface: 1.66 dm² Track / Gap: 0.15 / 0.15 mm				
PCB Type :	MC8 Finis	h Copper Thikness (µm) : 12µ 17,5µ 35µ 40µm		
PCB Thickness (mm):	16/10	External Layer :		
		Intern Layer :		
Technology ✓	Plated Trough Hole	Via type: Hole / pads ratio: 0,25/0,55		
✓ Traditional	Press-fit Hole	✓ Traditional Via		
✓ SMT	Autre	Laser Via Stacked Staggered		
Surface Treatement Finished	d	Blinded Via Couche départ et d'arrivée		
✓ Ni/Au Chemical	Sn/Pb surfondu	Buried Via Couche départ et d'arrivée		
Sn/Cu HAL	Autre	Filled Via Resin Copper		
Peelable Solder Mask	Standard	ТОР ВОТТОМ		
Solder Mask ✓	Photo-imageable	Green ✓ TOP ✓ BOTTOM		
Silkscreen √	Ink	White TOP BOTTOM		
Electrical Test Yes No				
Impedance control :		✓ Produced Measured		
50 ohms				
✓ Differential Pairs :		✓ Produced Measured		
85 ohms on layer 1, 3 and 8 ; 90 ohms on layer 4, 5 and 8				
✓ Stack-up :	voir avec le fabricant PCB et selon contraintes.			
Milling	Milling Diameter :	0 mm		
Comments :				
Construire un empilage pour avoir avoir des lignes 50 ohms en 150µm ( classe de la carte )				
Pour les lignes 85 et 90 ohms, ajuster les largeurs si necessaire en gardant les isolations.				