



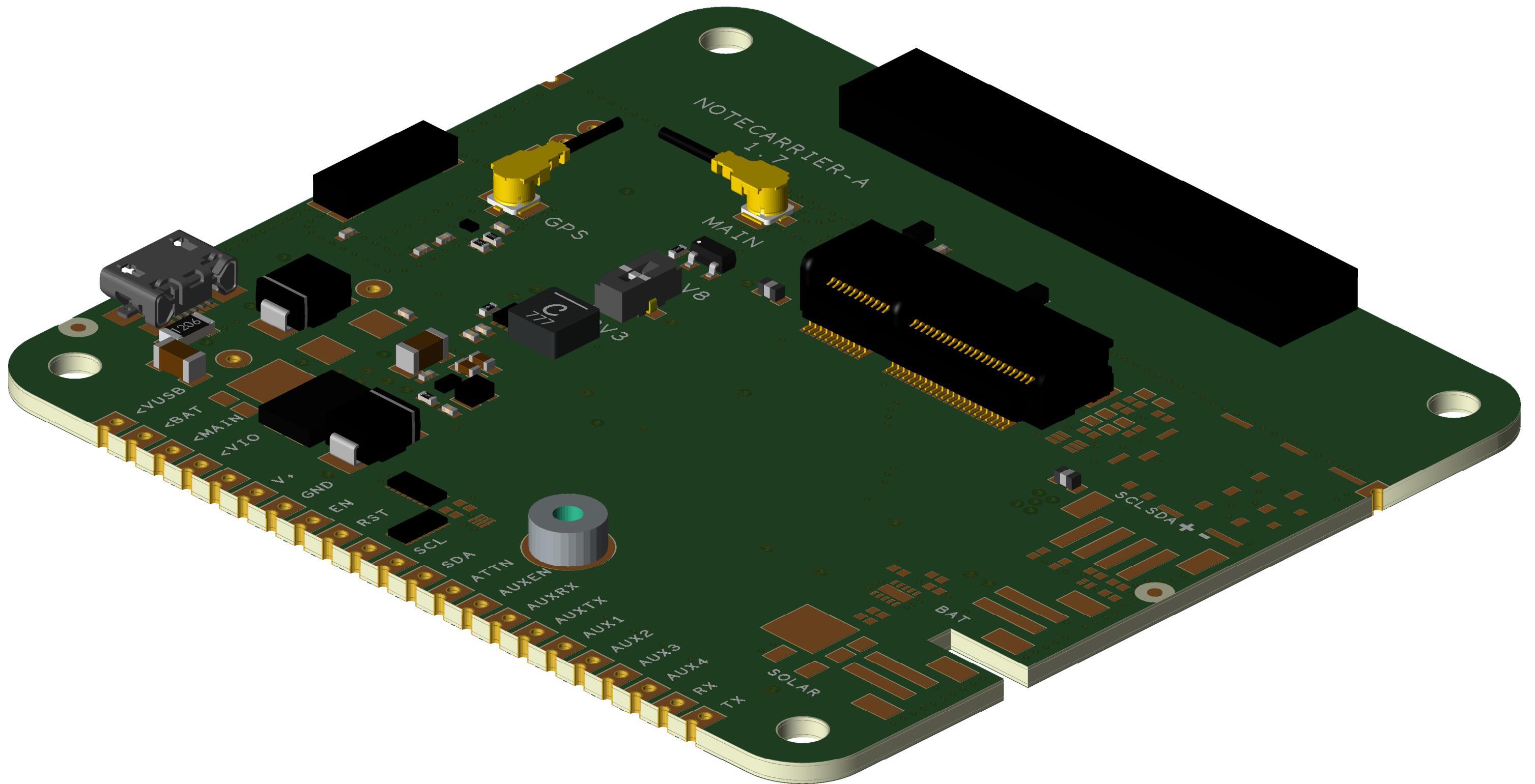
PCB DOCUMENTATION

CUSTOMER: BLUES

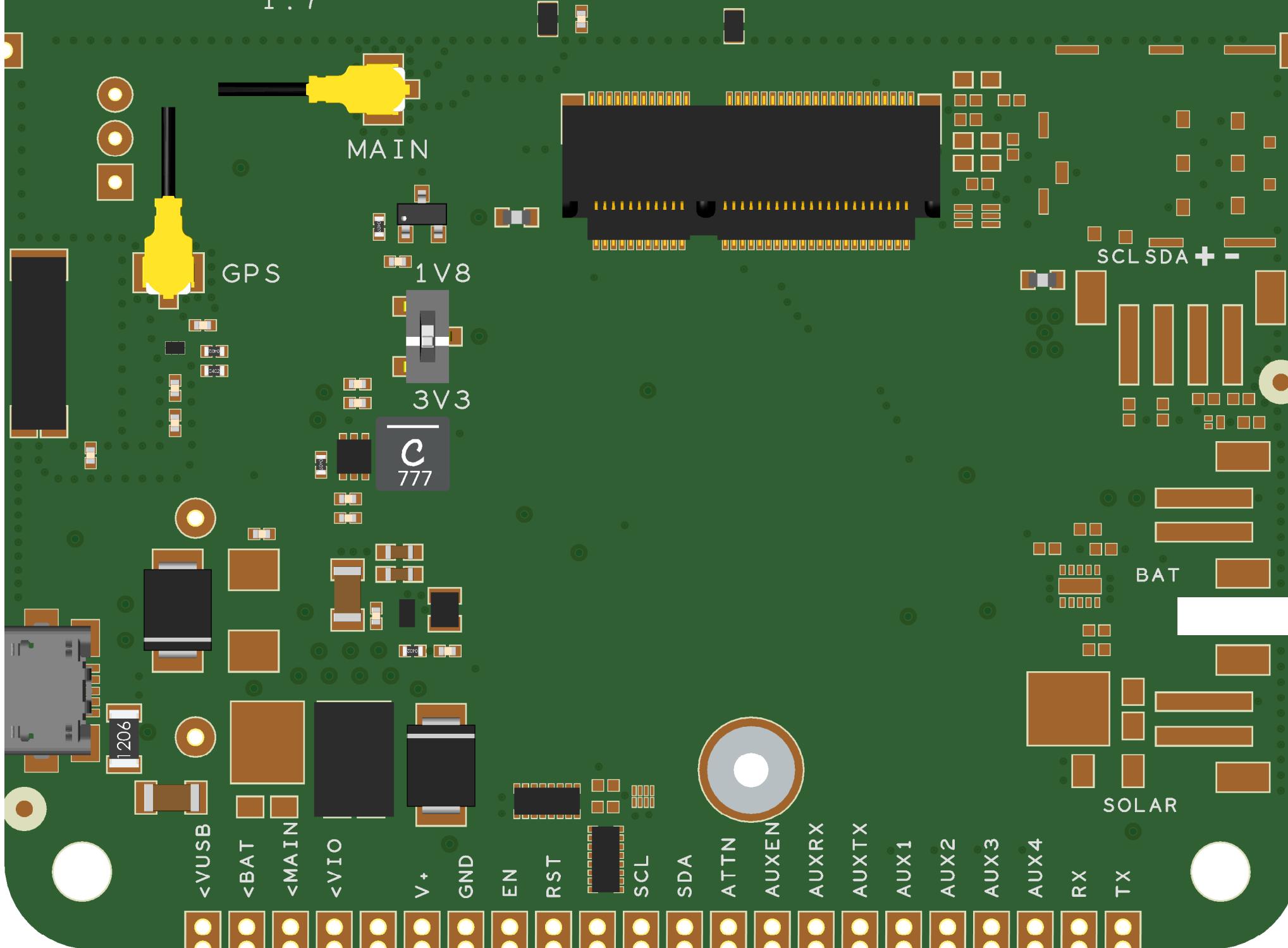
PROJECT: NOTECARRIER-M2-AE_V14

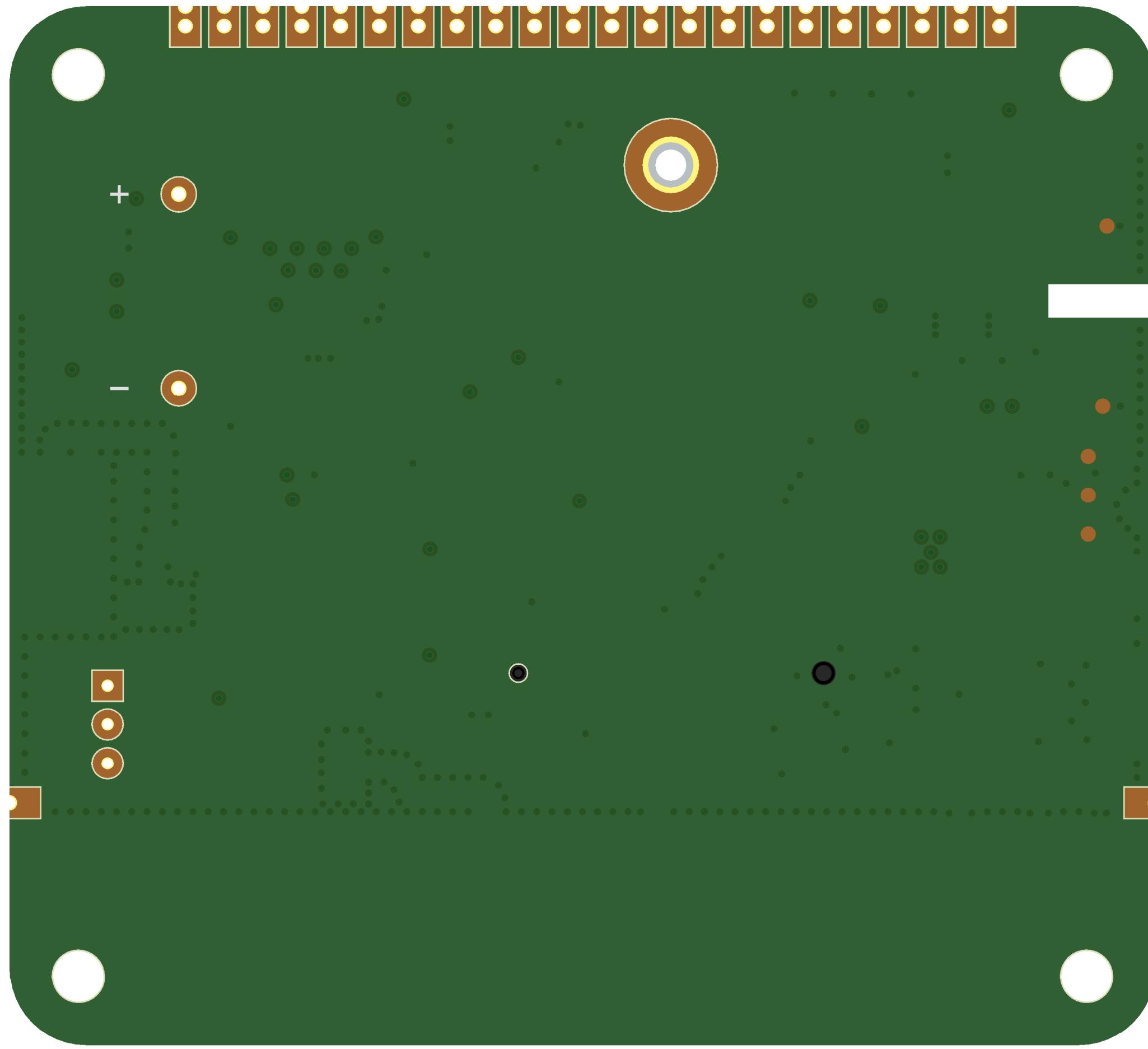
FAE CODE: 2017-3047

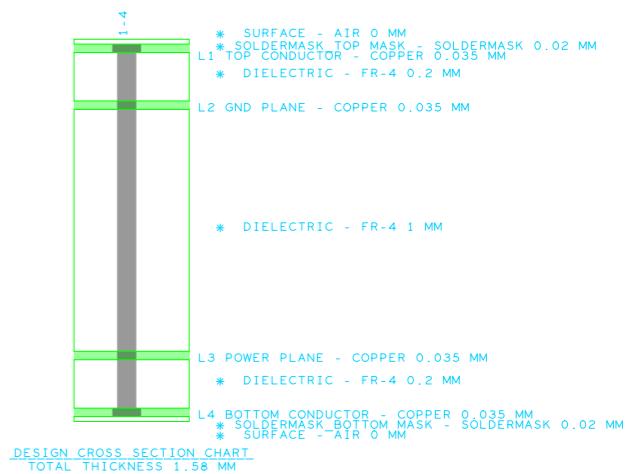
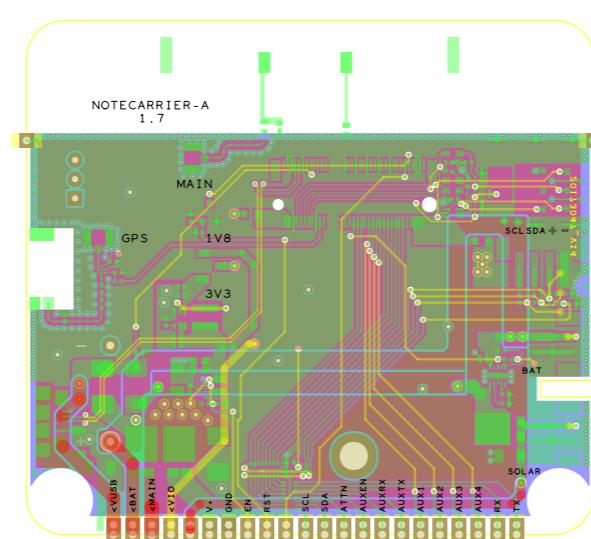
DATE: 08/09/2020



NOTE CARRIER-A
1.7







TOP and BOTTOM thickness layer shown in the image above contains +20um (from IPC-A-600 Class 2) of plating

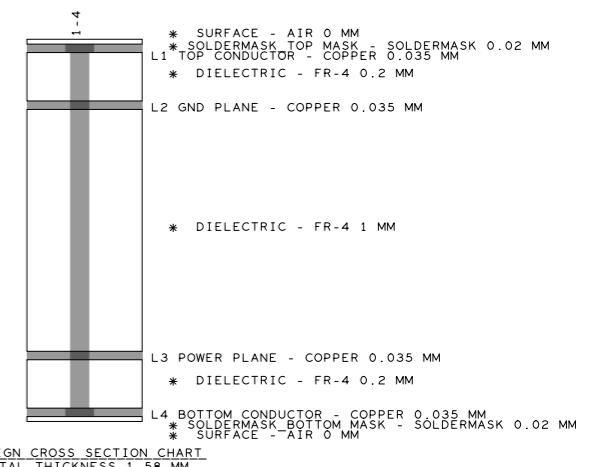
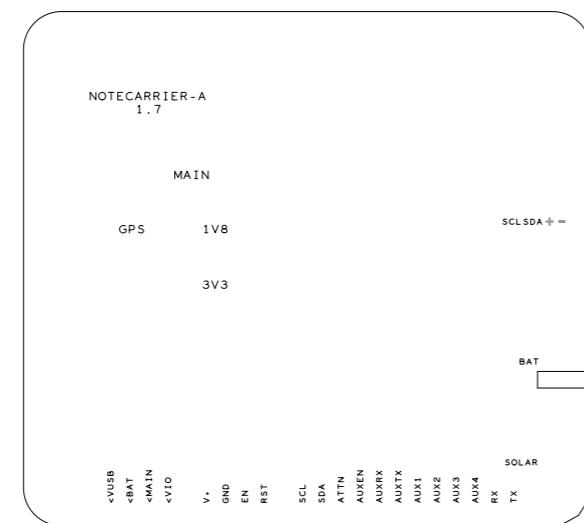
IMPEDANCE CONTROL TABLE

LAYER	TRACE [MM]	SPACING [MM]	IMPEDANCE SINGLE-ENDED	IMPEDANCE DIFFERENTIAL	TOLERANCE
TOP	0.31	0.45	50 ohm	NA	+/- 10%
TOP	0.26	0.2	NA	90 ohm	+/- 10%
BOTTOM	0.26	0.2	NA	90 ohm	+/- 10%

MANUFACTURING SPECIFICATIONS

BOARD SIZE (XxYxZ)	75x68x1.6mm	IPC-6012 - IPC-A-600	CLASS 2
BOARD TOLERANCE (X Y Z)	+/-0.2 +/-0.2 +/-10%	E-TESTING	YES
NO. OF LAYERS	4	UL-MARKING	YES
BASE COPPER OUTSIDE	17um	MICROVIA (hole < 100um)	NO
BASE COPPER INSIDE	35um	BLIND VIA	NO
FINISH	ENIG	BURIED VIA	NO
SOLDER COLOR	GREEN	VIA FILL/VIA IN PAD	NO
SILKSCREEN COLOR	WHITE	MIN. VIA SIZE	0.2mm
DIELECTRIC MATERIAL	FR4-TG150	MIN. TRACE SPACING	0.15mm
IMPEDANCE CONTROL	YES	OUTER LAYER MIN. TRACE WIDTH	0.2mm
CTI	175V	INNER LAYER MIN. TRACE WIDTH	0.2mm

Blues Inc Project name NOTEBOOK Designed by FAE Technology SpA - Gazzaniga (BG) - Italy Project Code 2017-3047 Internal Code - Rev. 14 Size Page A3 Scale 1:1 Data 04/09/2020	Project name		Board name
	NOTEBOOK		NOTEBOOK-A
	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1
Data 04/09/2020			



TOP and BOTTOM thickness layer shown in the image above contains +20um (from IPC-A-600 Class 2) of plating

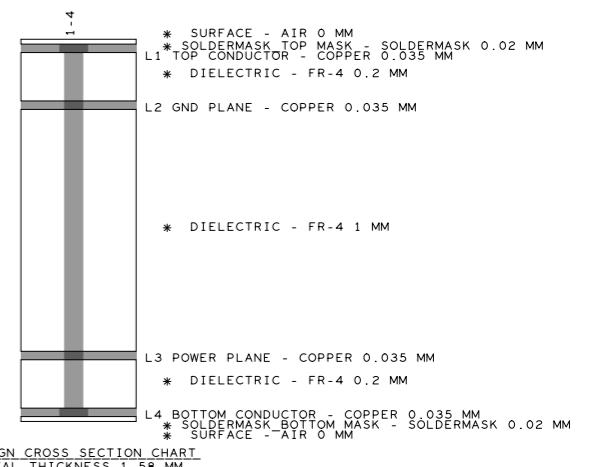
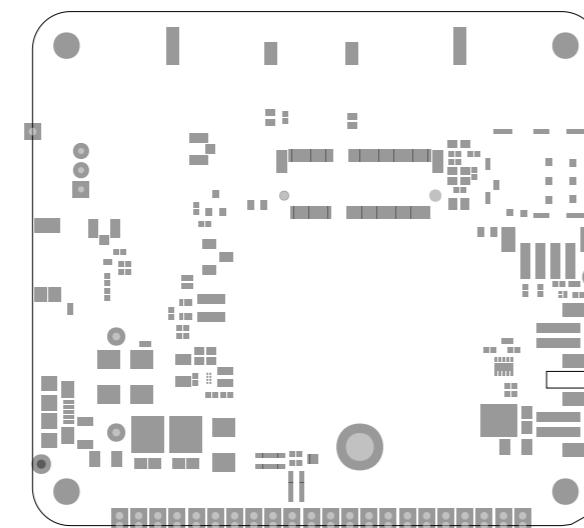
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	Project name		Board name
	NOTEBOOK		NOTE CARRIER-M2-Ax
	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1
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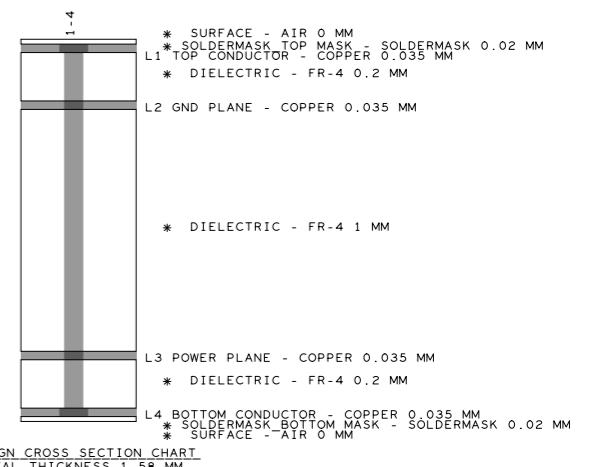
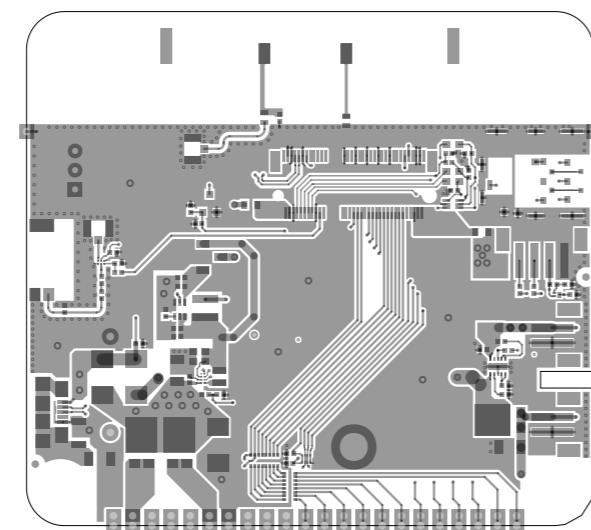
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	NOTEBOOK		NOTECARRIER-M2-Ax
	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1



TOP and BOTTOM thickness layer shown in the image above contains +20um (from IPC-A-600 Class 2) of plating

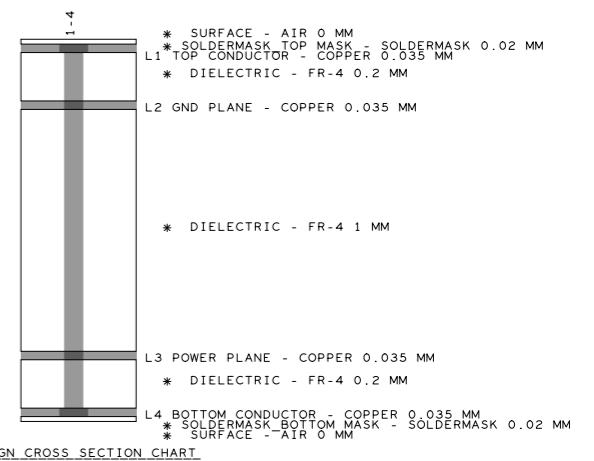
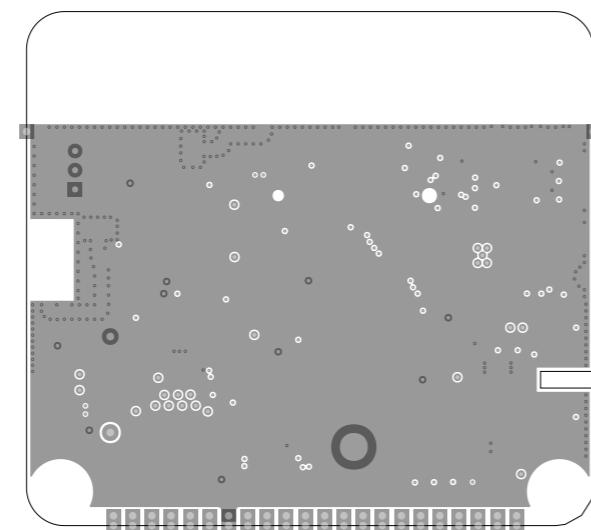
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	NOTEBOOK		NOTECARRIER-M2-Ax
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	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1



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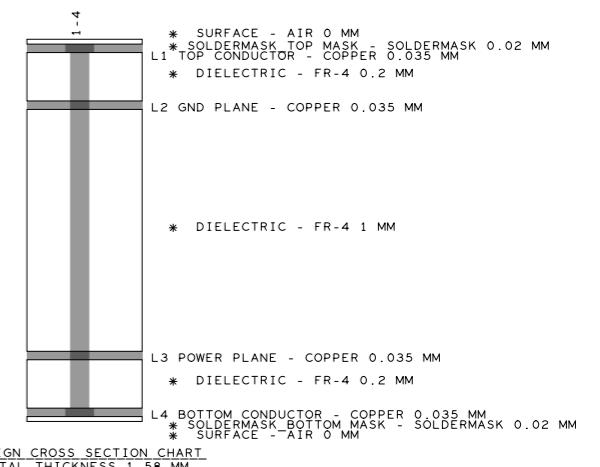
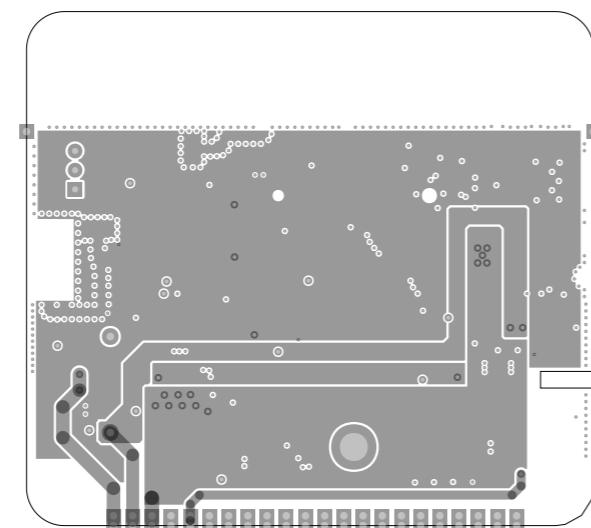
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	NOTEBOOK		NOTECARRIER-M2-Ax
	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1
		Data 04/09/2020	



TOP and BOTTOM thickness layer shown in the image above contains +20um (from IPC-A-600 Class 2) of plating

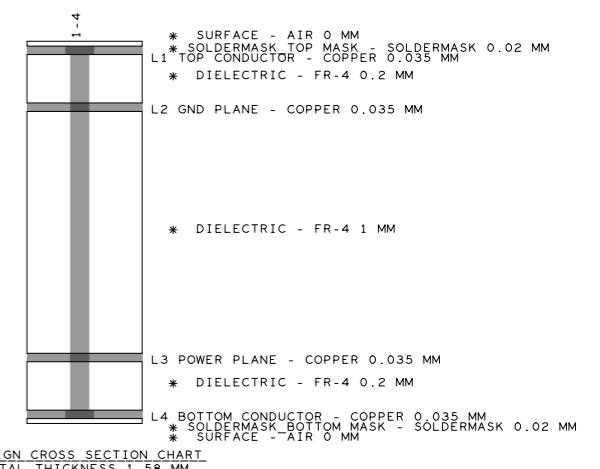
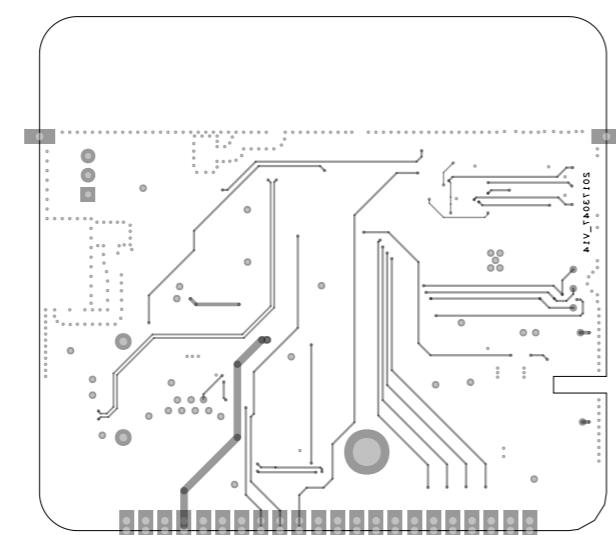
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	NOTEBOOK		NOTECARRIER-M2-Ax					
Designed by FAE Technology SpA - Gazzaniga (BG) - Italy								
Project Code 2017-3047								
Internal Code -		Code -						
Rev.	Size Page	Scale	Data	04/09/2020				
14	A3	1:1						



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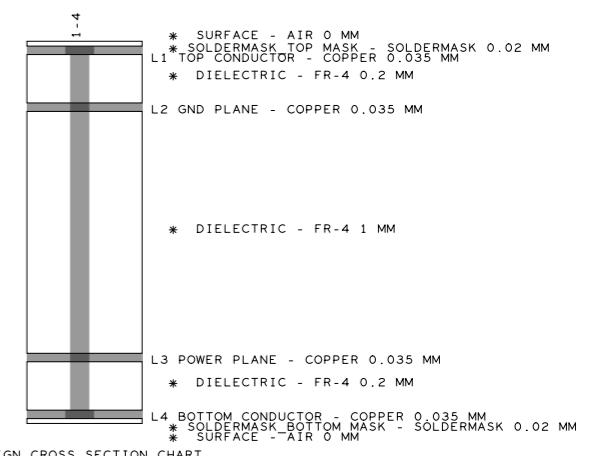
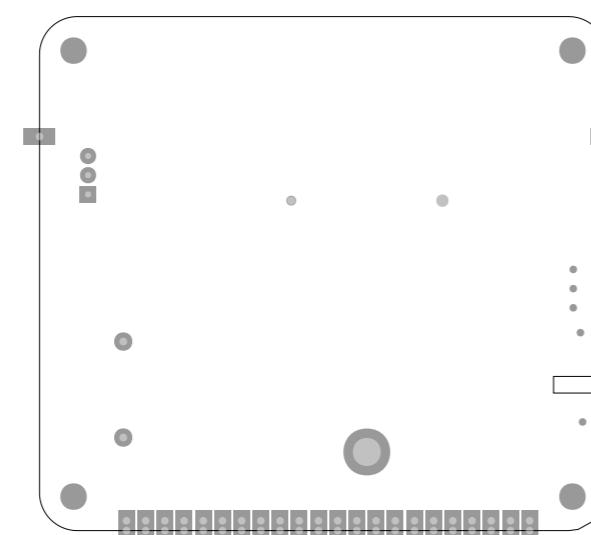
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	NOTEBOX		NOTECARRIER-M2-Ax
	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
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	Rev. 14	Size Page A3	Scale 1:1



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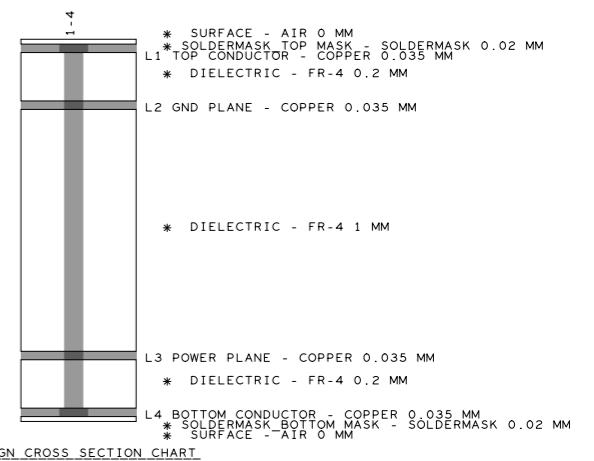
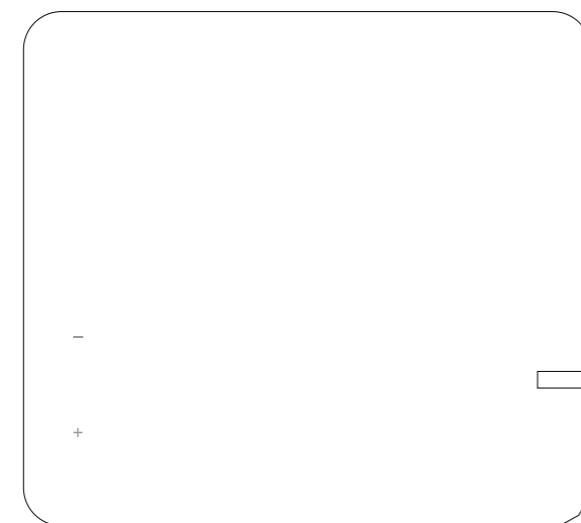
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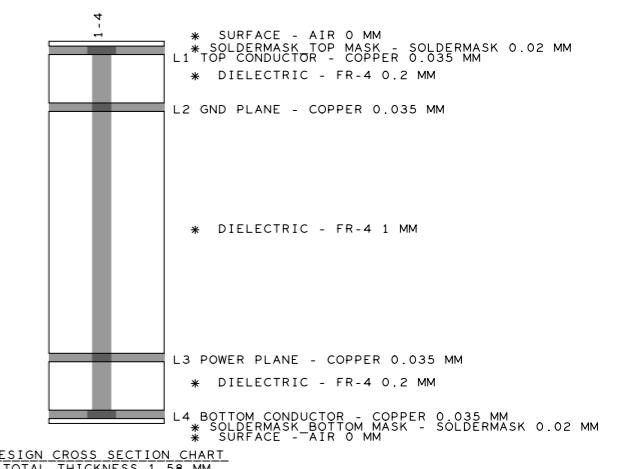
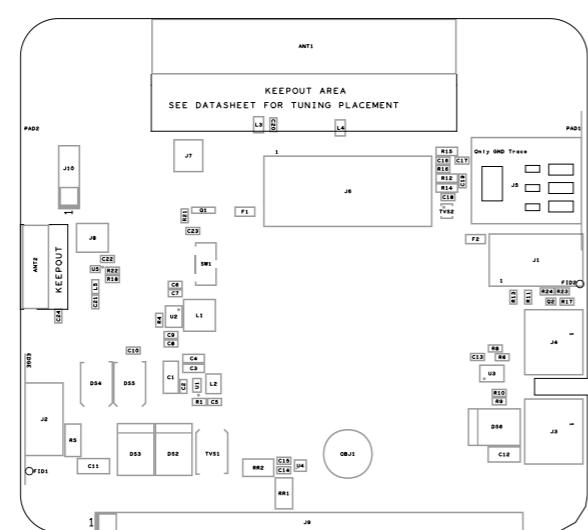
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	NOTEBOX		NOTECARRIER-M2-Ax
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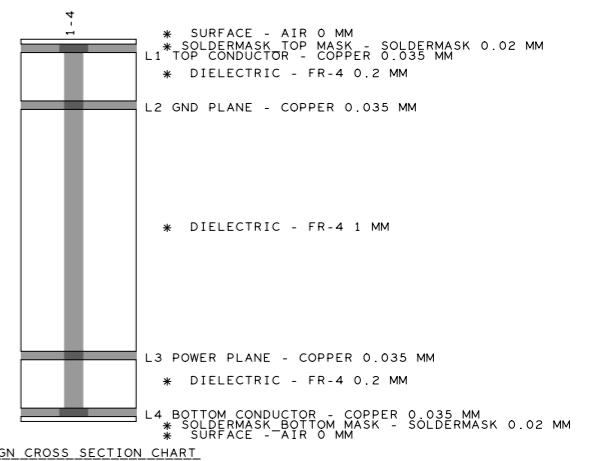
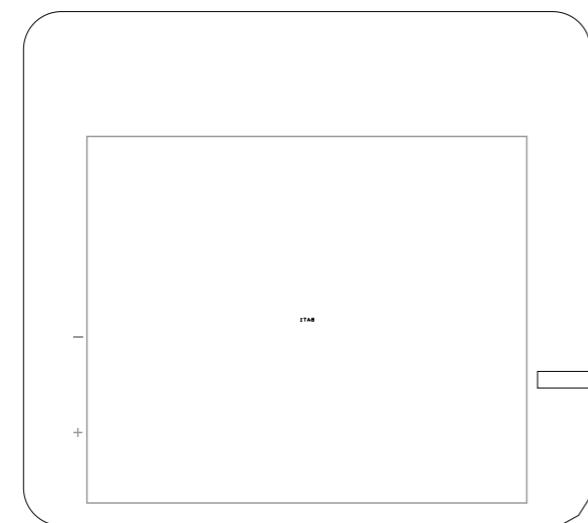
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	Rev. 14	Size Page A3
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