



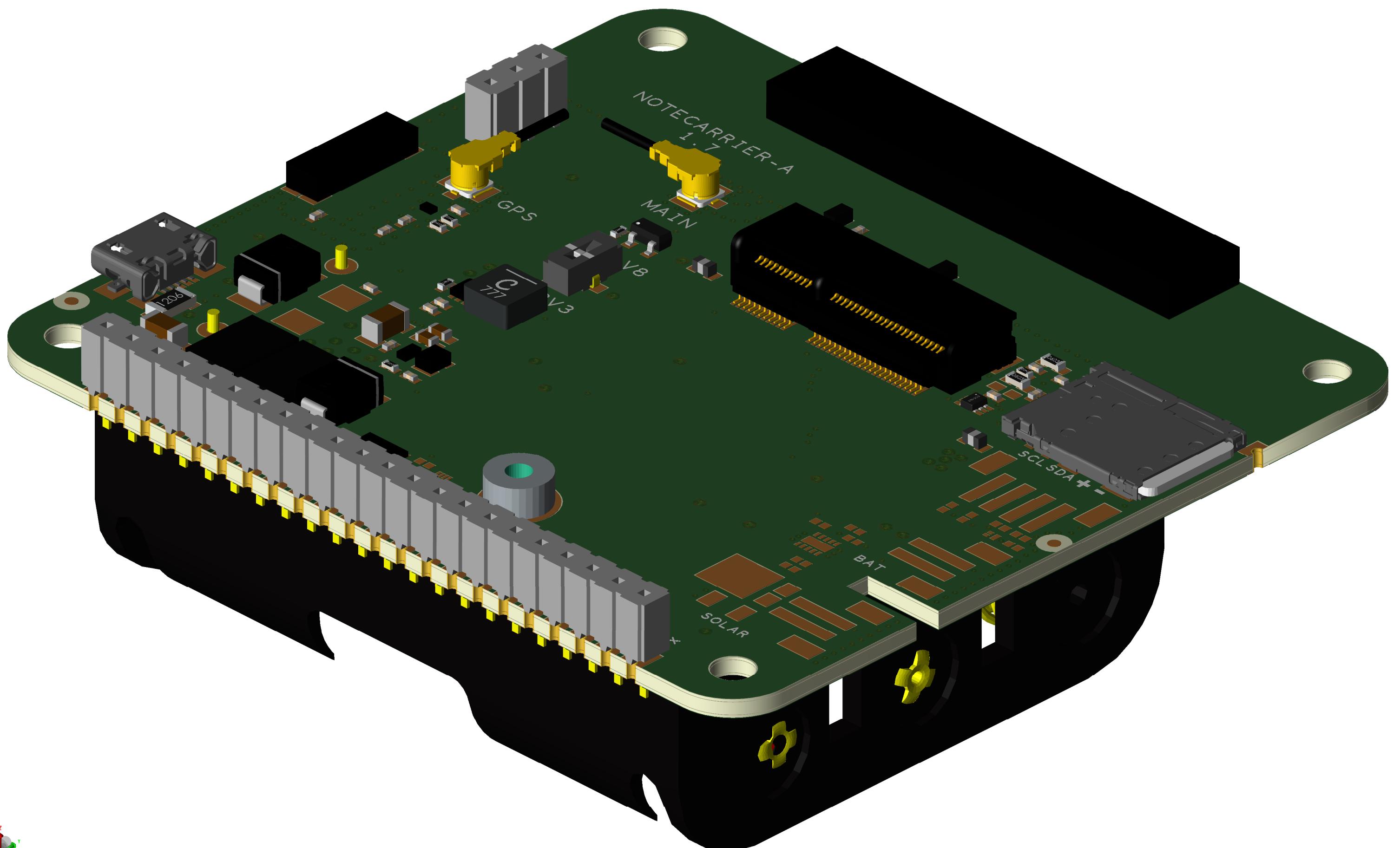
PCB DOCUMENTATION

CUSTOMER: BLUES

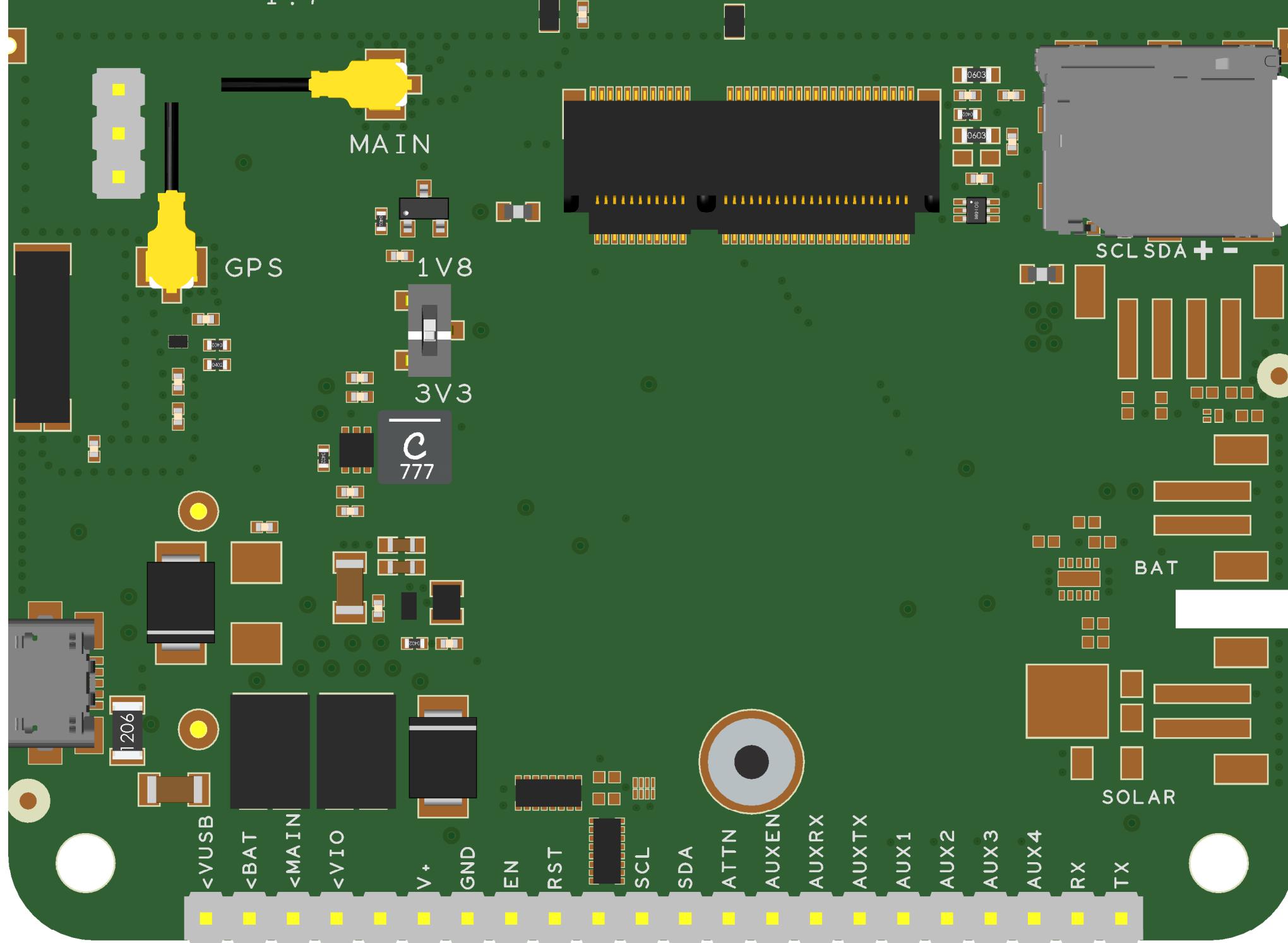
PROJECT: NOTECARRIER-M2-AA_V14

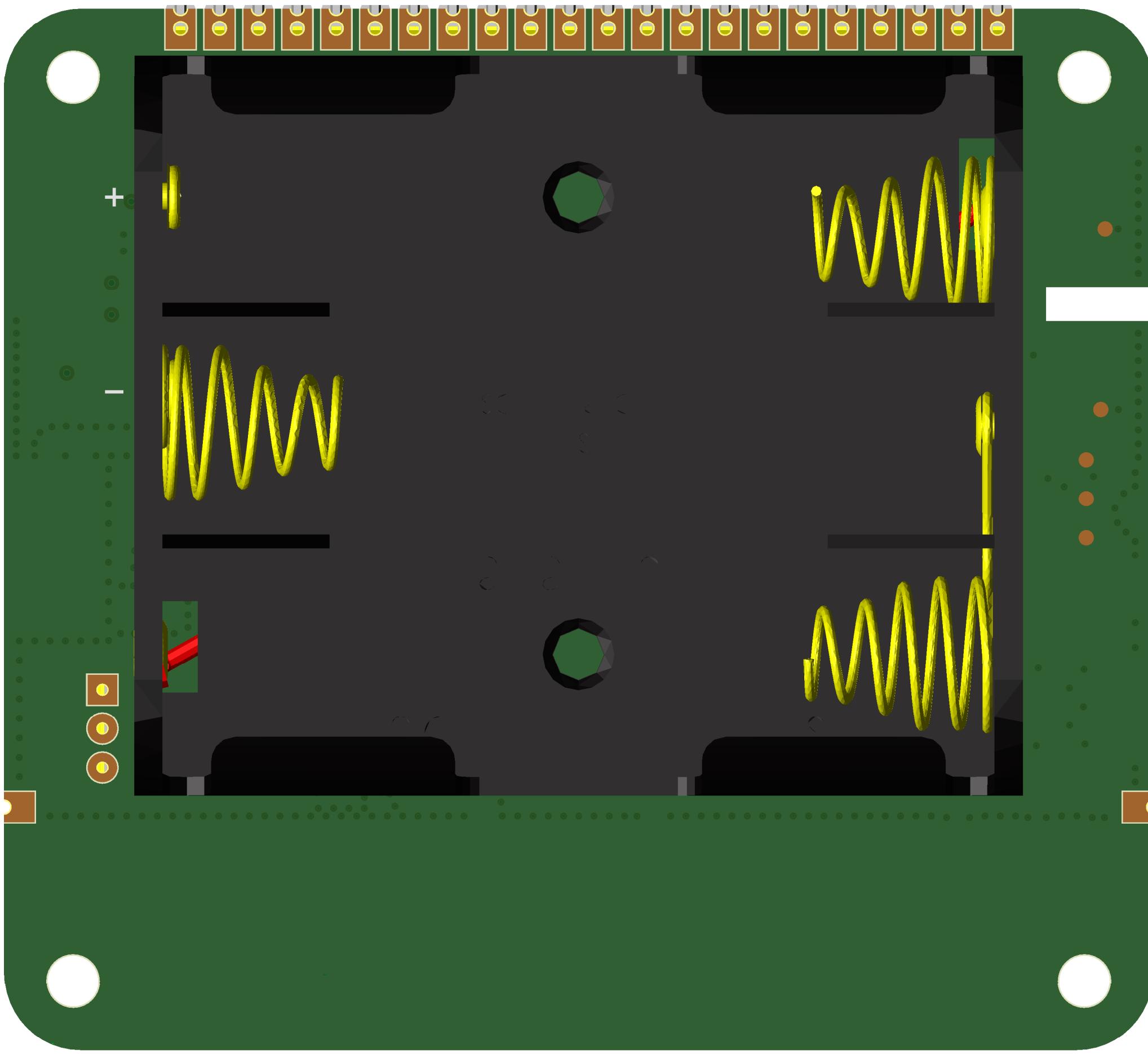
FAE CODE: 2017-3047

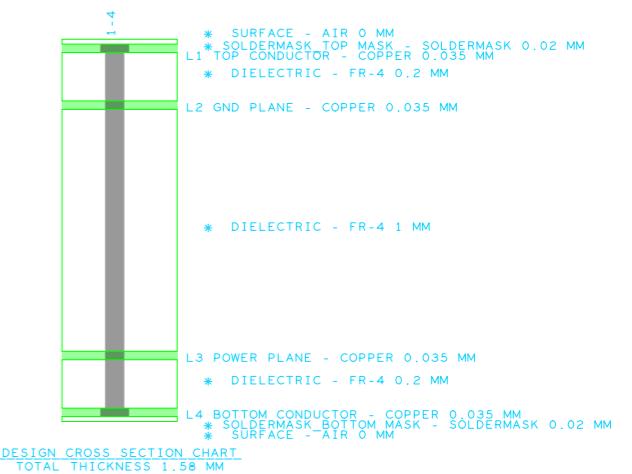
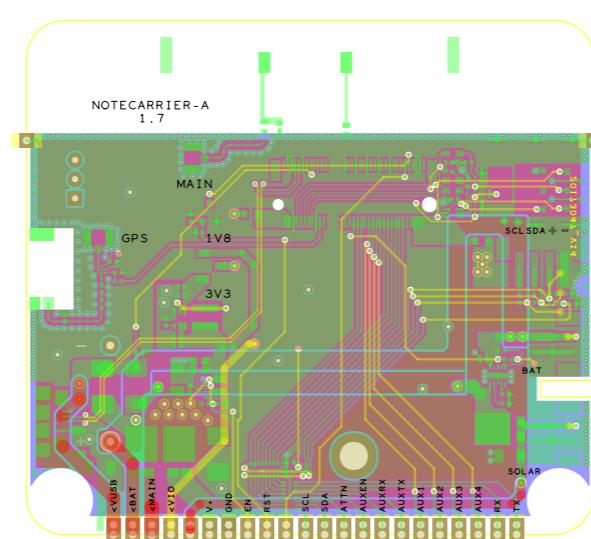
DATE: 08/09/2020



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

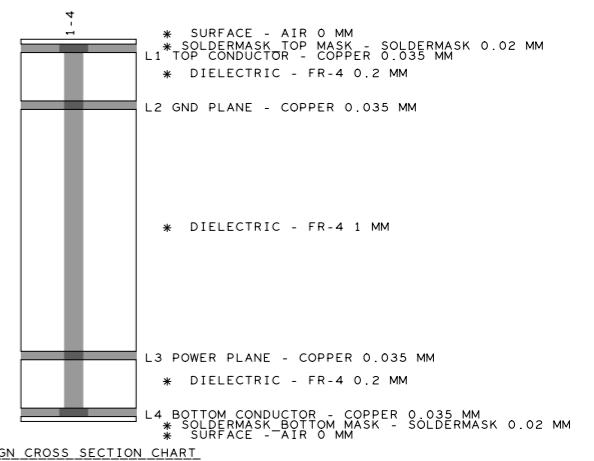
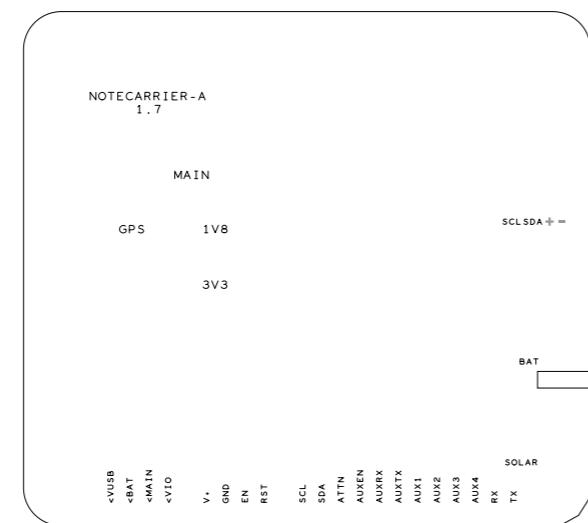
IMPEDANCE CONTROL TABLE

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			



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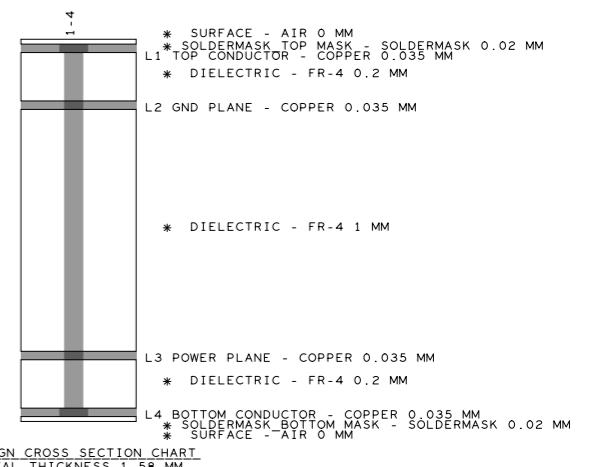
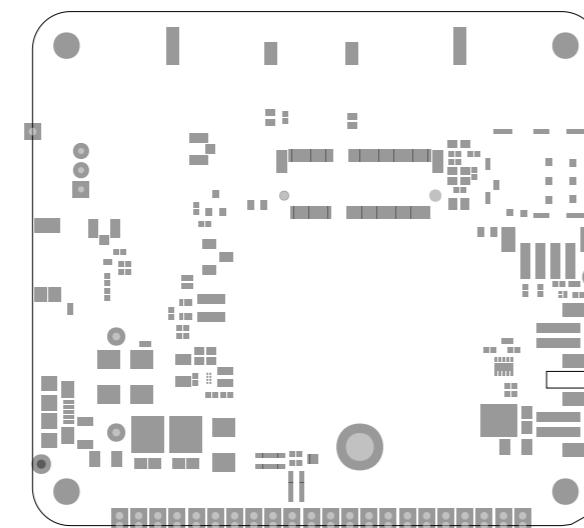
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	Project name		Board name
	NOTEBOOK		NOTE CARRIER-M2-Ax
	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1
Copyright (c) 2020 Blues Inc			Date 04/09/2020



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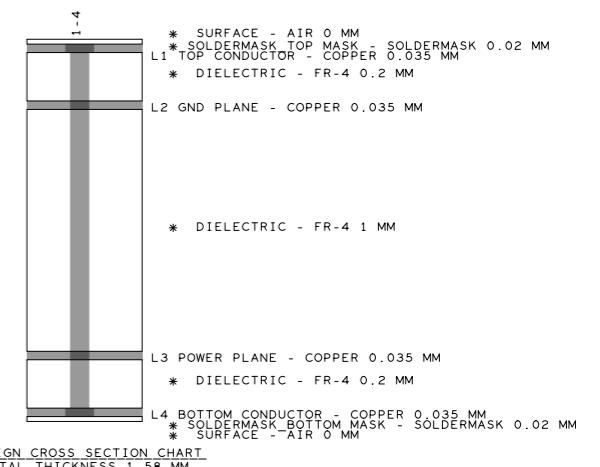
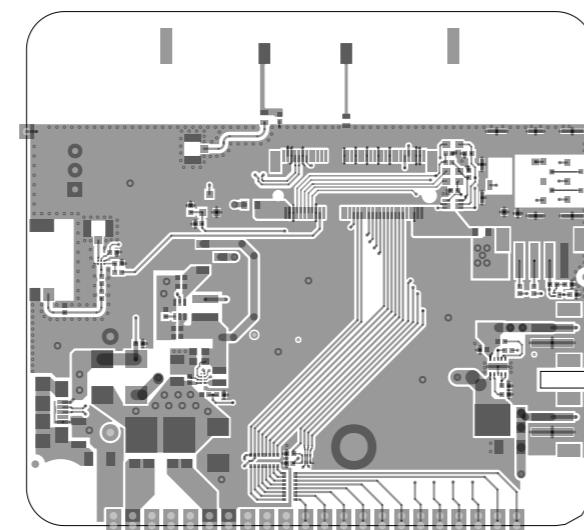
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Blues Inc Project name NOTEBOOK Designed by FAE Technology SpA - Gazzaniga (BG) - Italy Project Code 2017-3047 Internal Code - Rev. 14 Size Page A3 Scale 1:1 Data 04/09/2020	Project name		Board name
	NOTEBOOK		NOTECARRIER-M2-Ax
	Designed by FAE Technology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

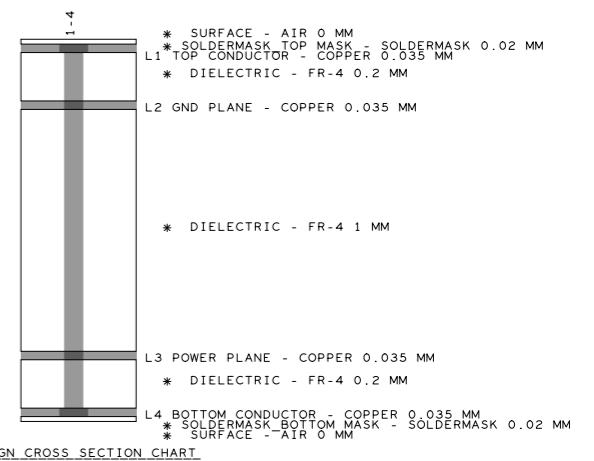
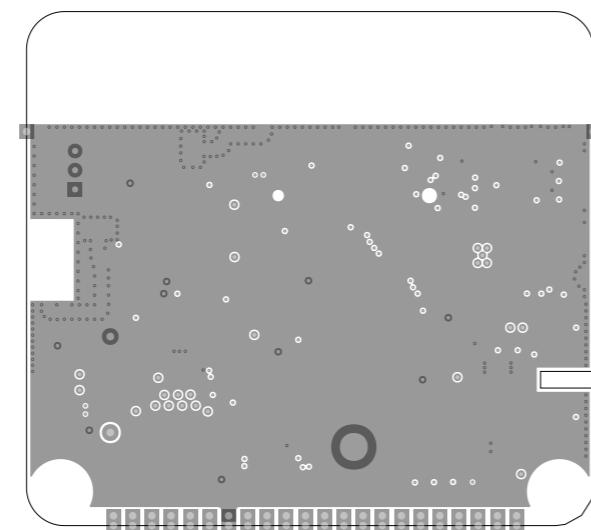
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	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1



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

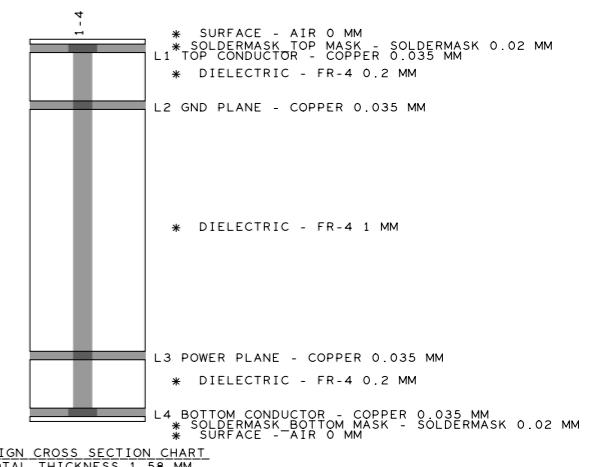
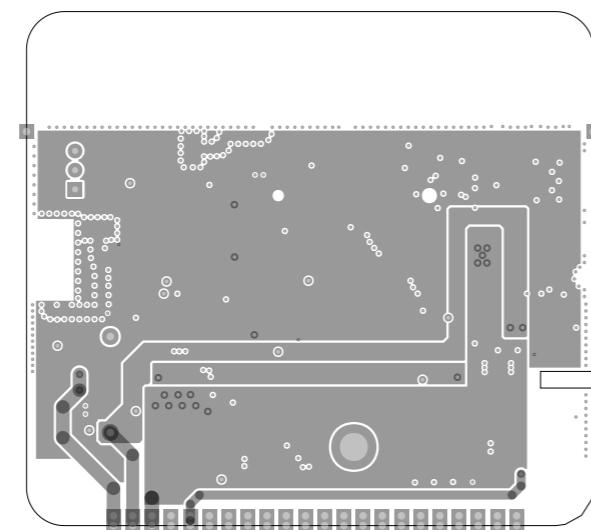
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	NOTEBOOK		NOTECARRIER-M2-Ax
	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1
		Data 04/09/2020	



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

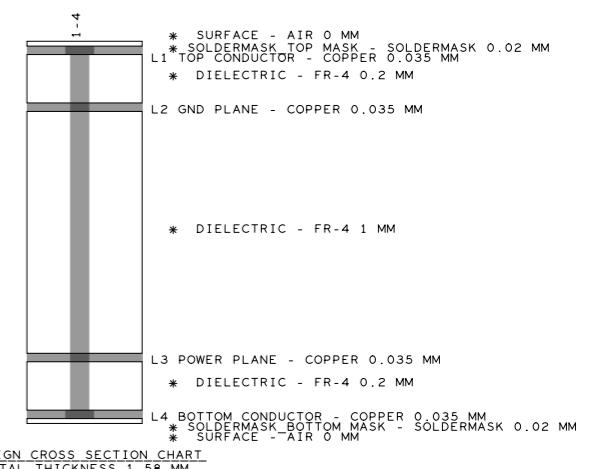
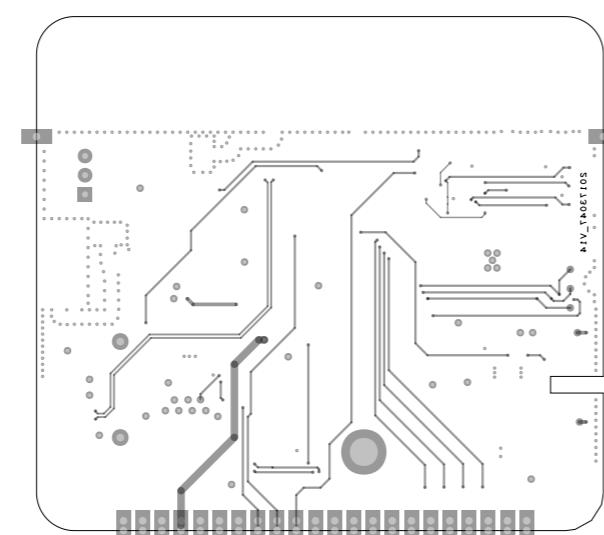
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Blues Inc Project name NOTEBOX Designed by FAE Technology SpA - Gazzaniga (BG) - Italy Project Code 2017-3047 Internal Code - Rev. 14 Size Page A3 Scale 1:1 Data 04/09/2020	Project name		Board name
	NOTEBOX		NOTECARRIER-M2-Ax
	Designed by FAE Technology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



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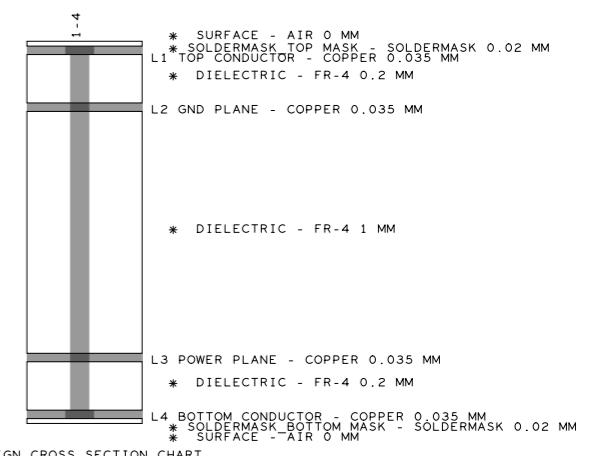
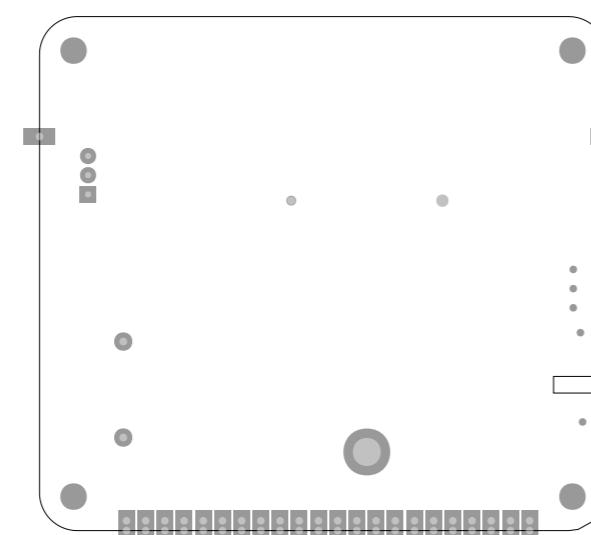
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	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1



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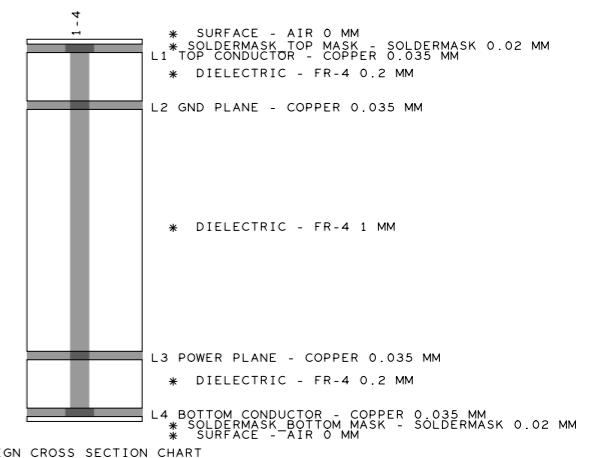
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	NOTEBOOK		NOTECARRIER-M2-Ax	
	Designed by	FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code	2017-3047		
	Internal Code	-	Code	-
	Rev.	Size Page	Scale	Data
	14	A3	1:1	04/09/2020



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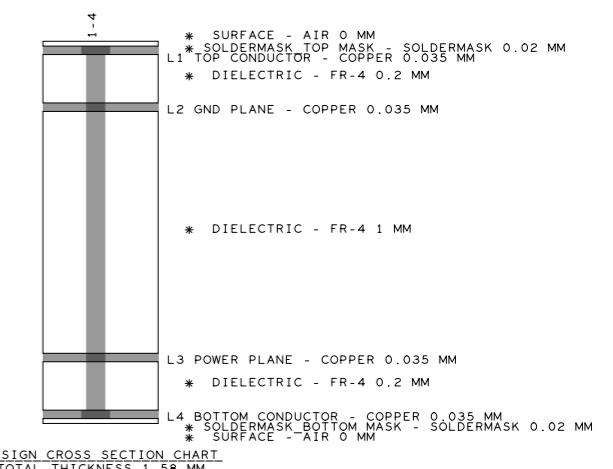
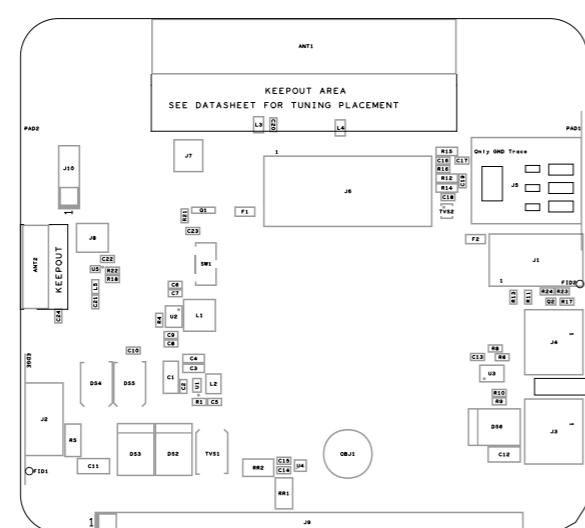
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	Project name		Board name
	NOTEBOX		NOTECARRIER-M2-Ax
	Designed by FAE Technology SpA - Gazzaniga (BG) - Italy		
	Project Code 2017-3047		
	Internal Code -		Code -
	Rev. 14	Size Page A3	Scale 1:1
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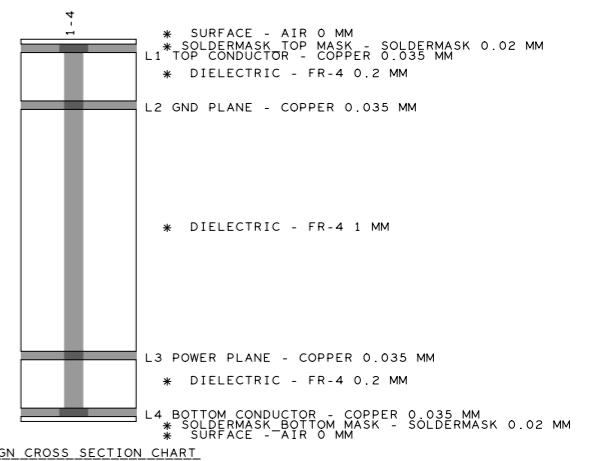
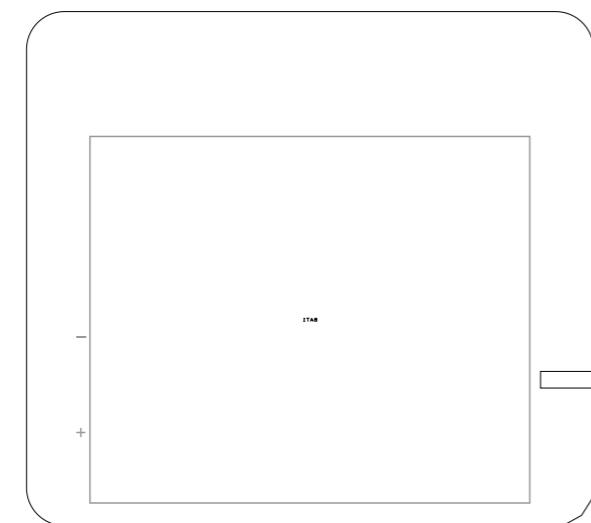
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Project name NOTEBOX	Board name NOTE CARRIER-M2-Ax	
	Designed by	FAE Technology SpA - Gazzaniga (BG) - Italy
Project Code 2017-3047		
Internal Code -		
Rev.	Size Page	Scale
14	A3	1:1
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