

FAE

TECHNOLOGY

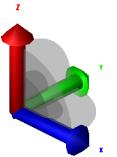
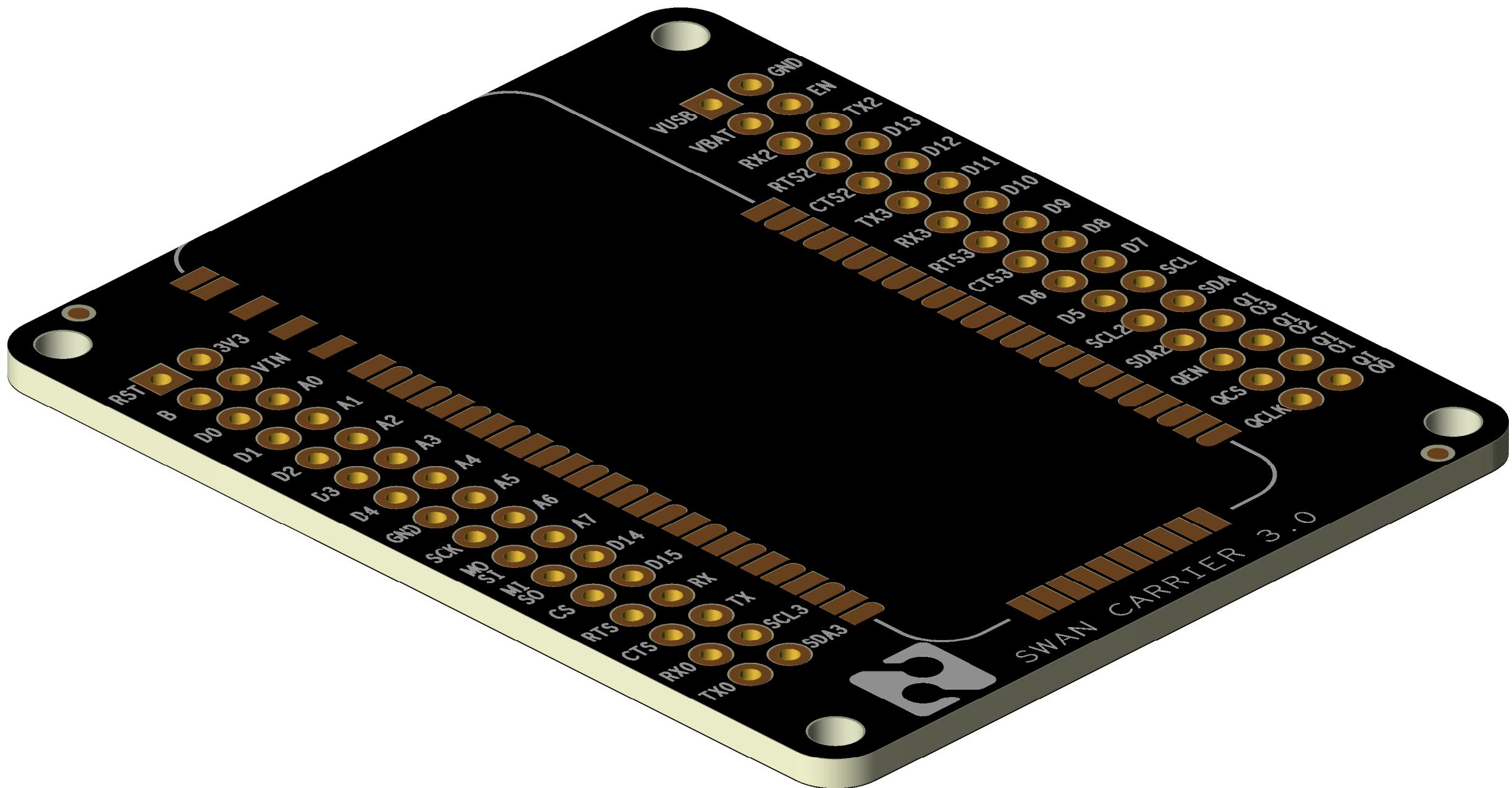
PCB DOCUMENTATION

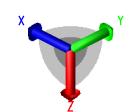
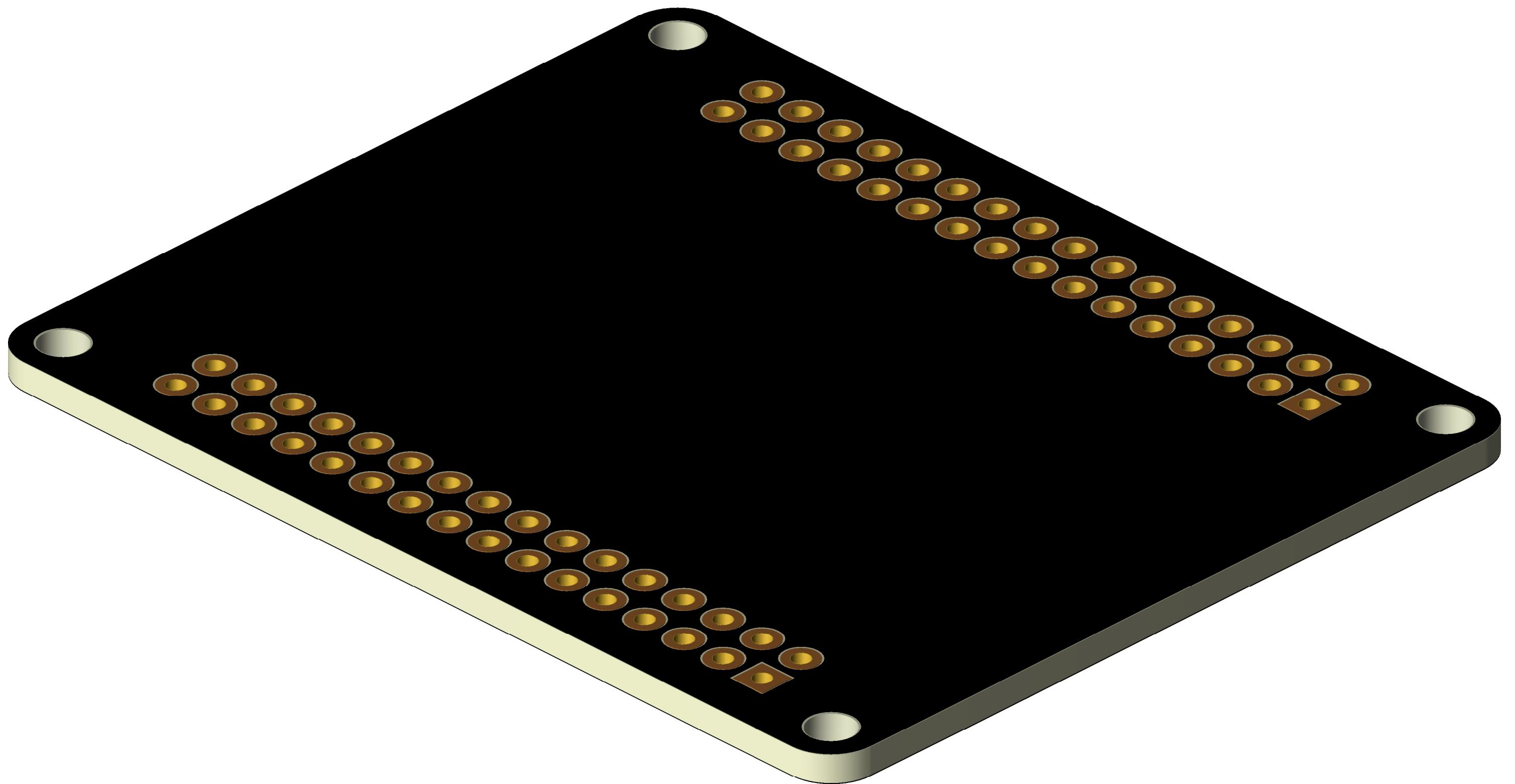
CUSTOMER: BLUES

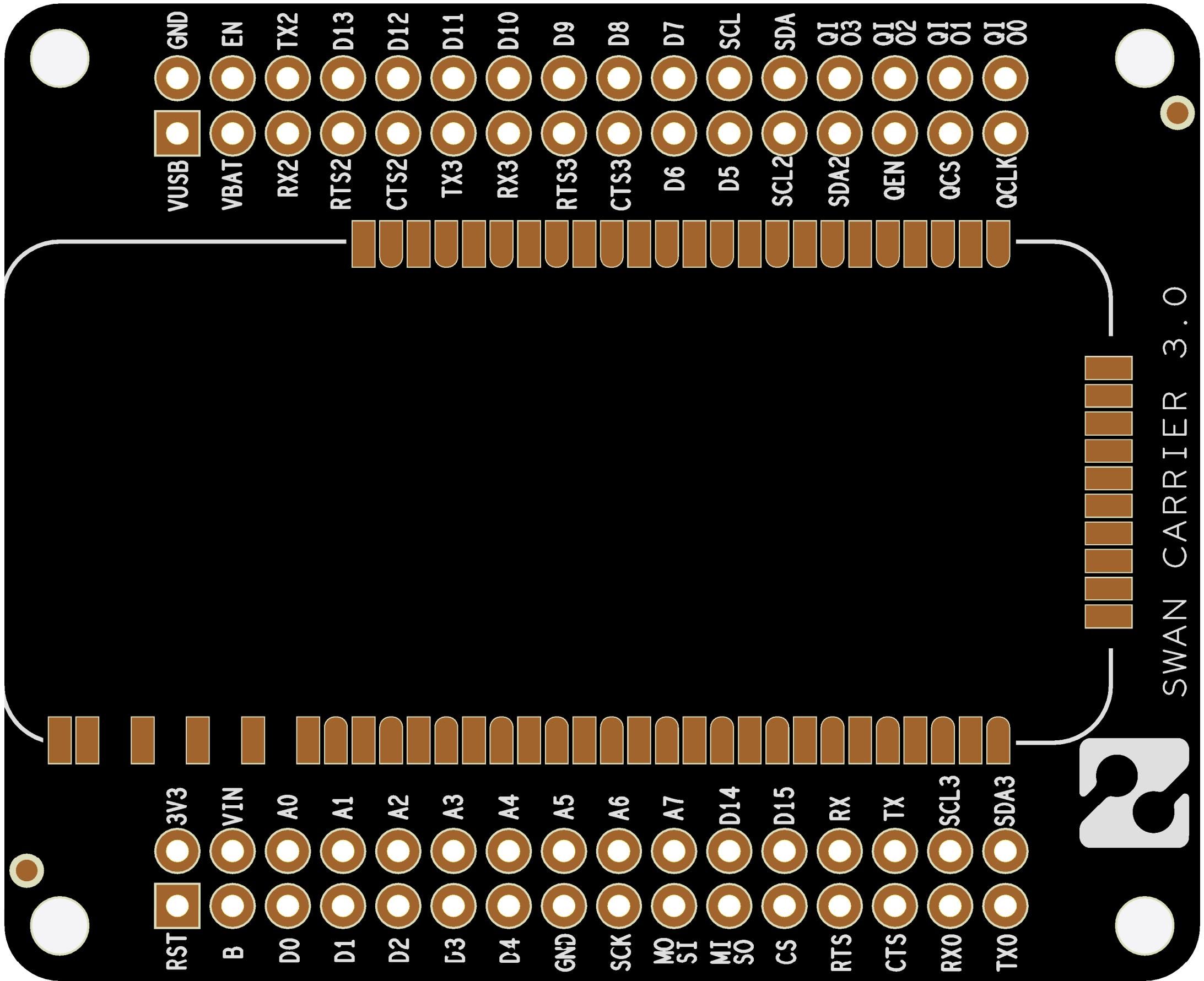
PROJECT: SWAN-C_V5

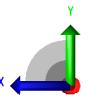
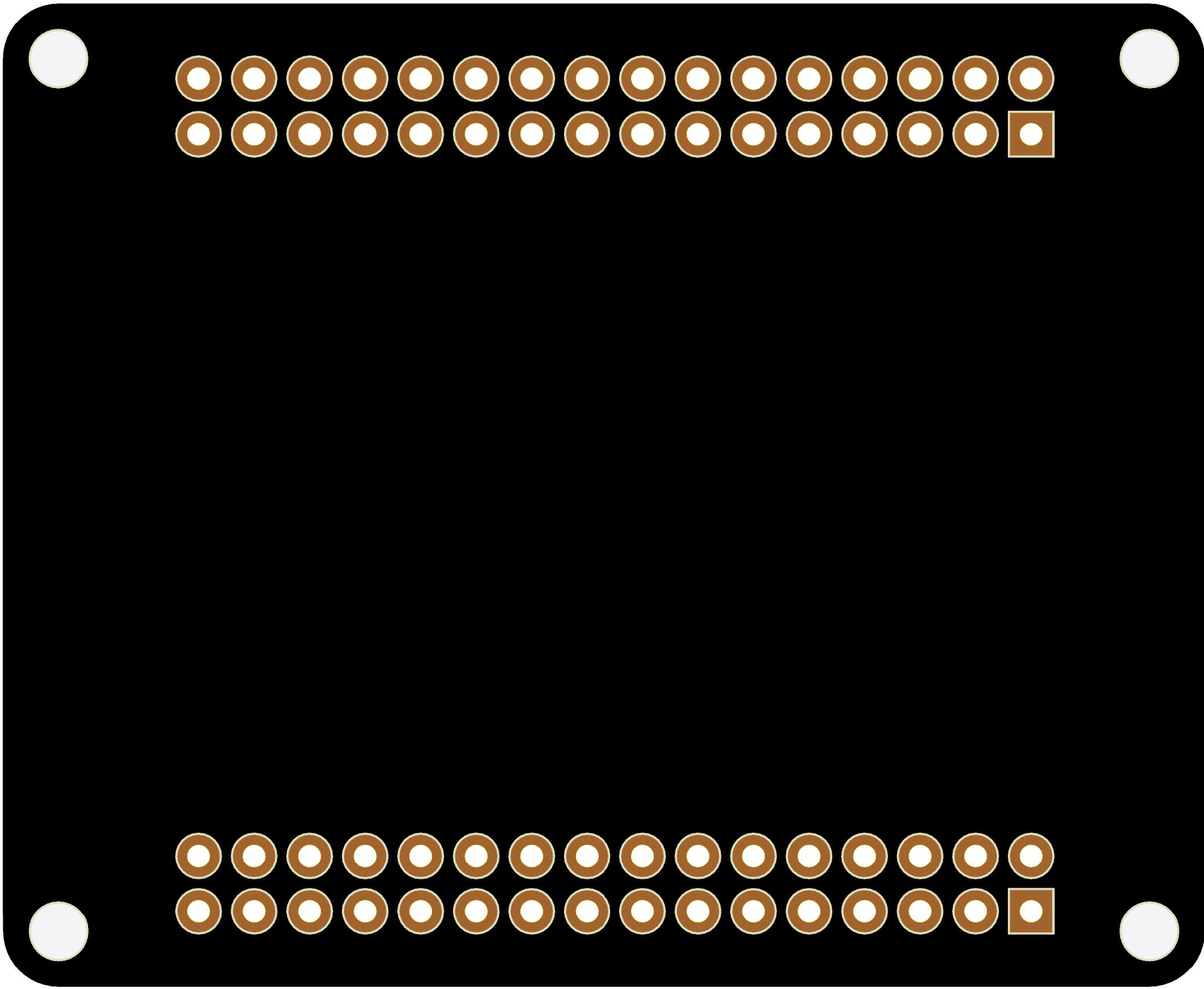
FAE CODE: 2021-0248

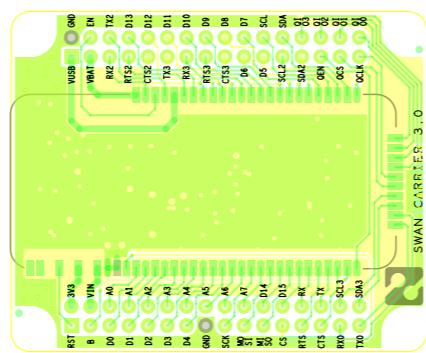
DATE: 21/04/2022











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

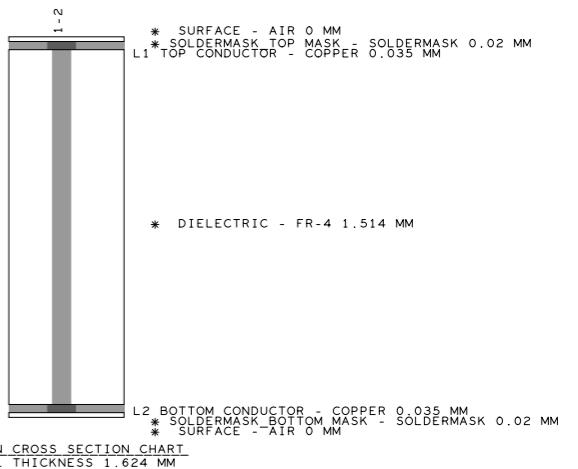
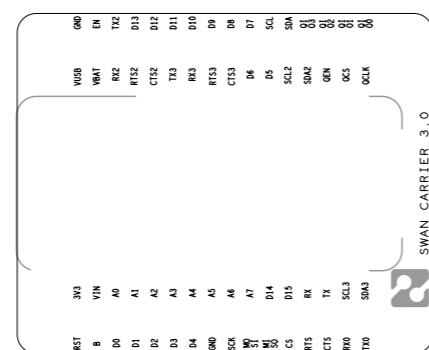
IMPEDANCE CONTROL TABLE

LAYER	TRACE [MM]	SPACING [MM]	IMPEDANCE SINGLE-ENDED	IMPEDANCE DIFFERENTIAL	TOLLERANCE

MANUFACTURING SPECIFICATIONS

BOARD SIZE (XxYxZ)	55x45x1.6mm	IPC-6012 - IPC-A-600	CLASS 2
BOARD TOLLERANCE (X Y Z)	+/-0.2 +/-0.2 +/-10%	E-TESTING	YES
NO.O LAYERS	2	UL-MARKING	YES
BASE COPPER OUTSIDE	18um	MICROVIA (hole < 100um)	NO
BASE COPPER INSIDE	-	BLIND VIA	NO
FINISH	HAL	BURIED VIA	NO
SOLDER COLOR	MATTE BLACK	VIA FILL/VIA IN PAD	NO
SILKSCREEN COLOR	WHITE	MIN. VIA SIZE	0.254mm
DIELECTRIC MATERIAL	FR4-TG150	MIN. TRACE SPACING	0.2mm
IMPEDANCE CONTROL	NO	OUTER LAYER MIN. TRACE WIDTH	0.2mm
CTI	175V	INNER LAYER MIN. TRACE WIDTH	-

	Project name		Board name
	SWAN		SWAN CARRIER
	Designer		Approved
	G. Boschin/M.Gregis		M.Gregis
	Project Code		Customer
	2021-0248		BLUES
Internal Code -		Code	-
Via C. Battisti 136, 24025, Gazzaniga (Bg), Italy		Rev.	Size Page
Mail: info@fae.technology		5	Scale
Tel: +39 035738130		A3	Data
18/02/2022		1:1	
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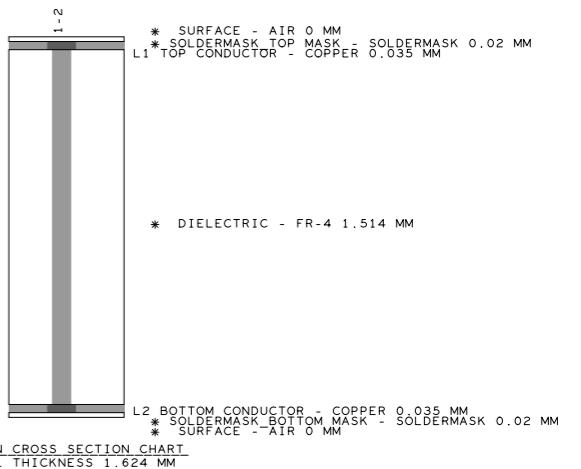
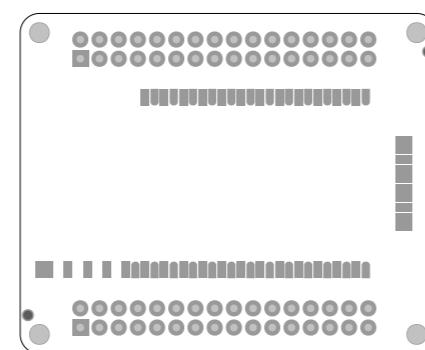
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CTI	175V	INNER LAYER MIN. TRACE WIDTH	-

 Project name SWAN Designer G. Boschin/M.Gregis Project Code 2021-0248 Internal Code -	Board name		
	SWAN CARRIER	SWAN CARRIER	SWAN CARRIER
	Approved M.Gregis	Approved M.Gregis	Approved M.Gregis
	Customer BLUES	Customer BLUES	Customer BLUES
	Code -	Code -	Code -
Via C. Battisti 136, 24025, Gazzaniga (Bg), Italy Mail: info@fae.technology	Rev. 5	Size Page A3	Scale 1:1
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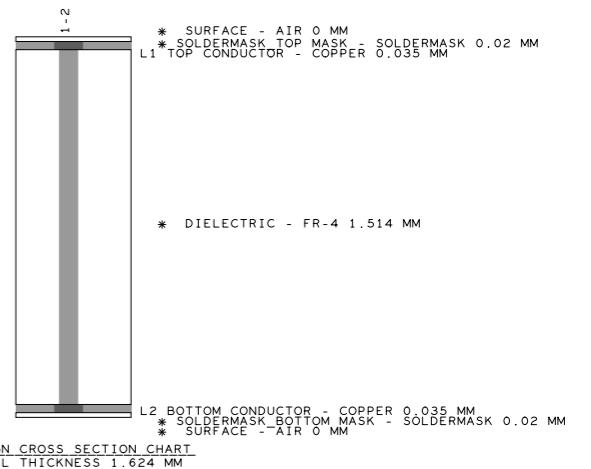
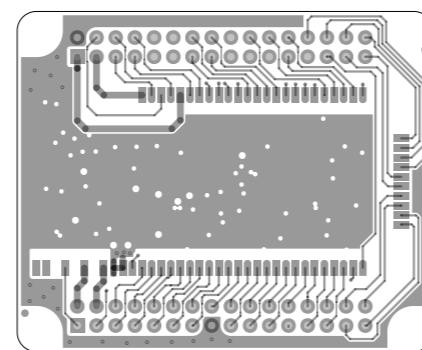
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	Designer G. Boschin/M.Gregis		Approved M.Gregis
	Project Code 2021-0248		Customer BLUES
	Internal Code -		Code -
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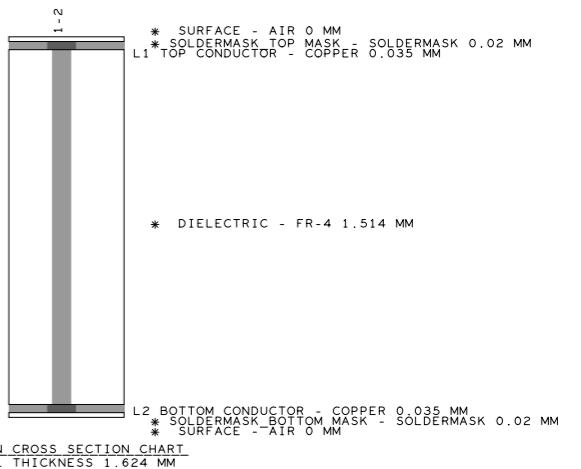
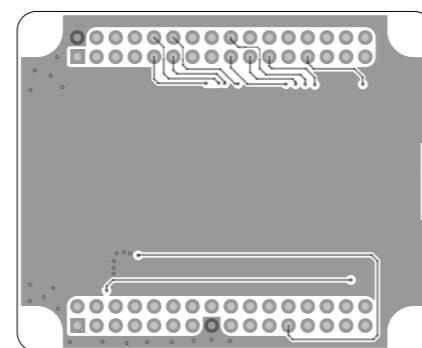
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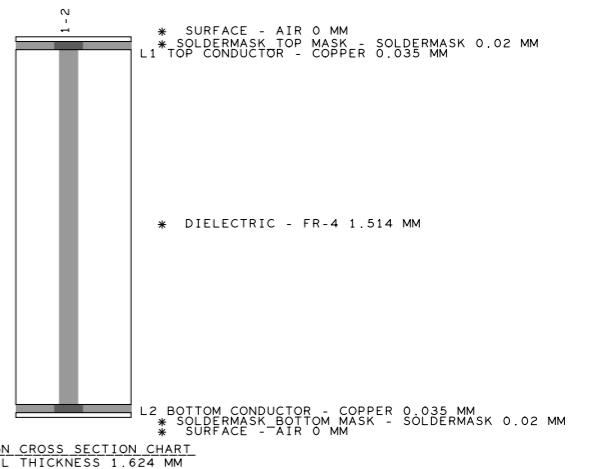
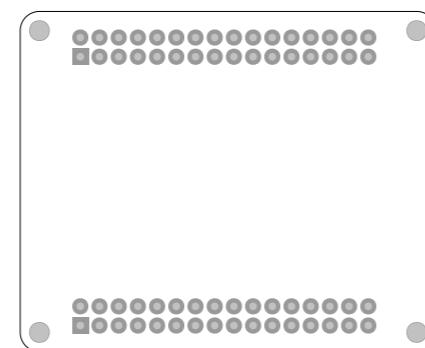
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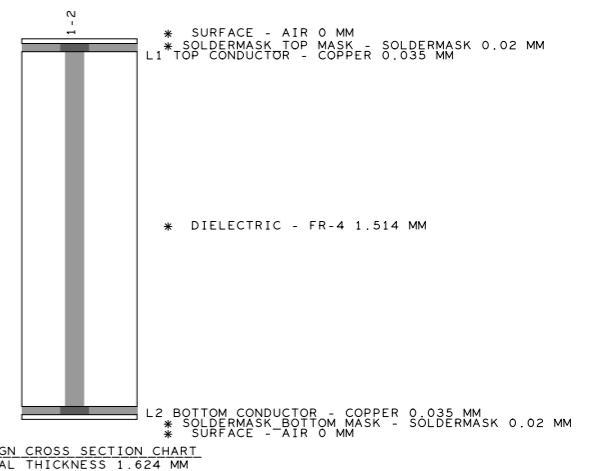
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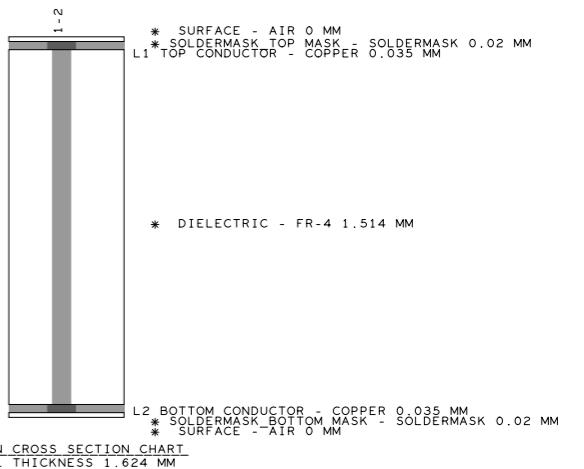
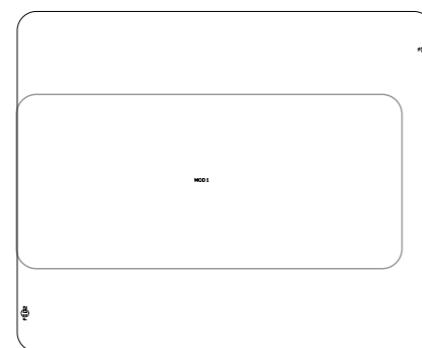
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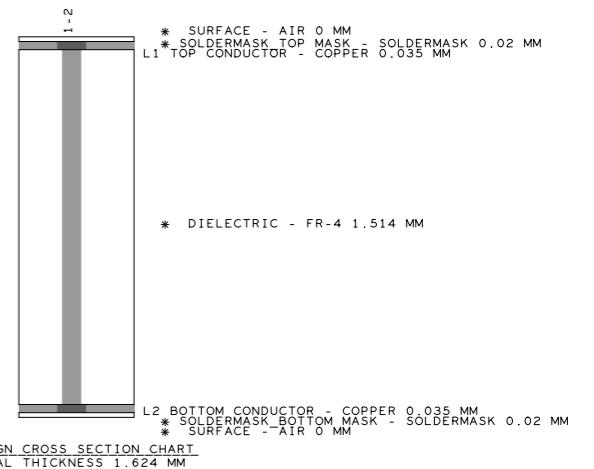
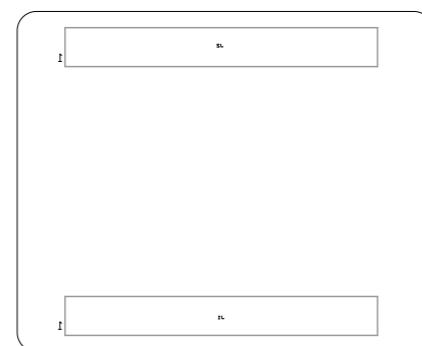
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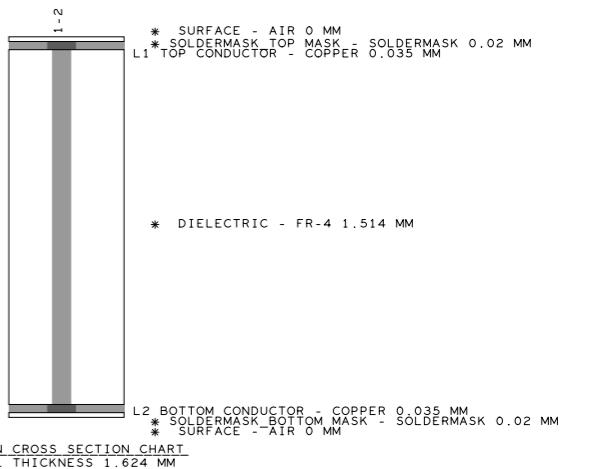
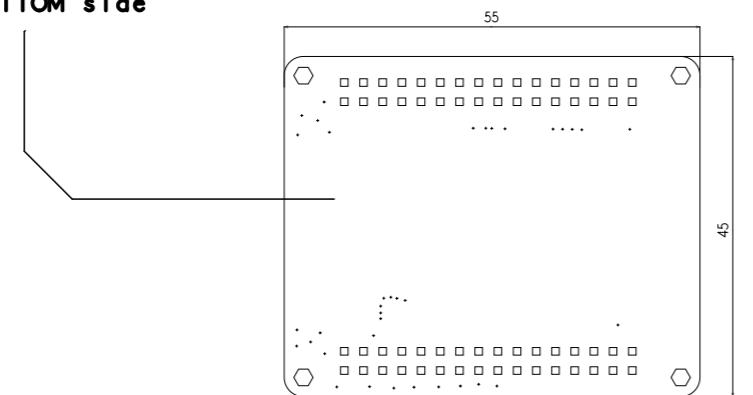
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DRILL CHART: TOP to BOTTOM

ALL UNITS ARE IN MILLIMETERS

FIGURE	FINISHED SIZE	TOLERANCE	TYPE	QTY
.	0.254	+0.075/-0.075	PLATED	36
□	1.0	+0.075/-0.075	PLATED	64
○	2.54	+0.075/-0.075	NON-PLATED	4

**Put PCB data code and/or manufacturer logo
on BOTTOM side**



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