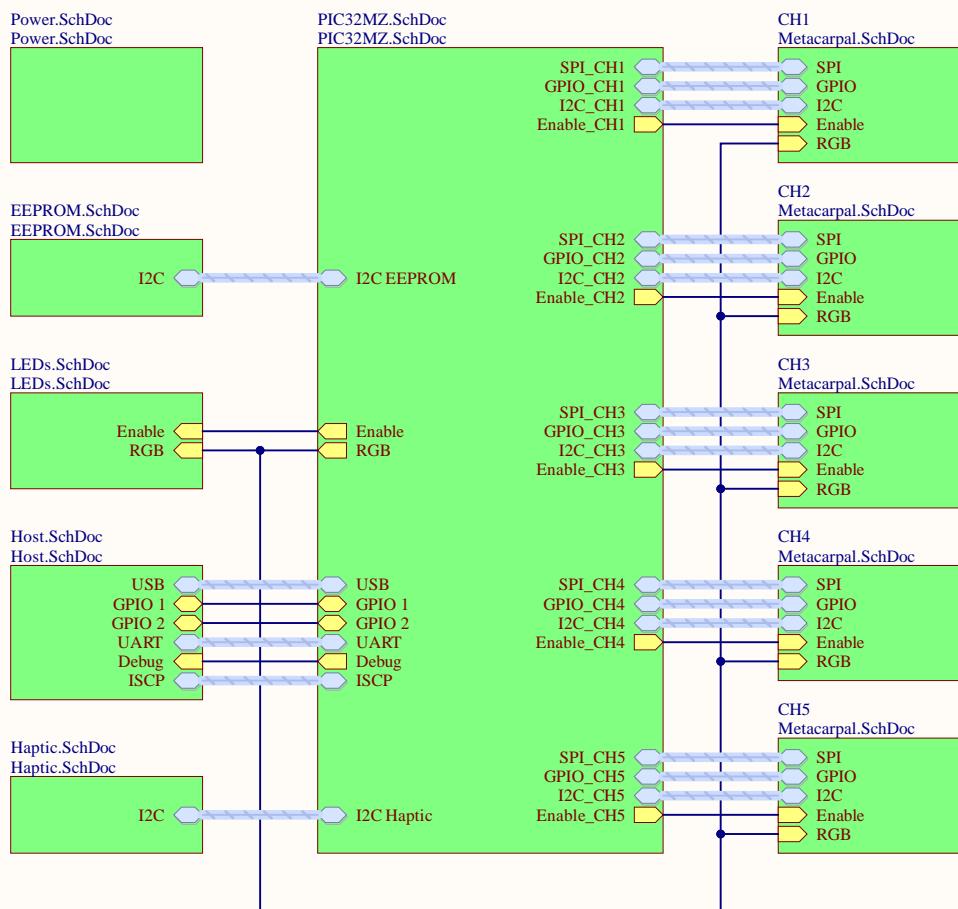


A



B

C

D

A

B

C

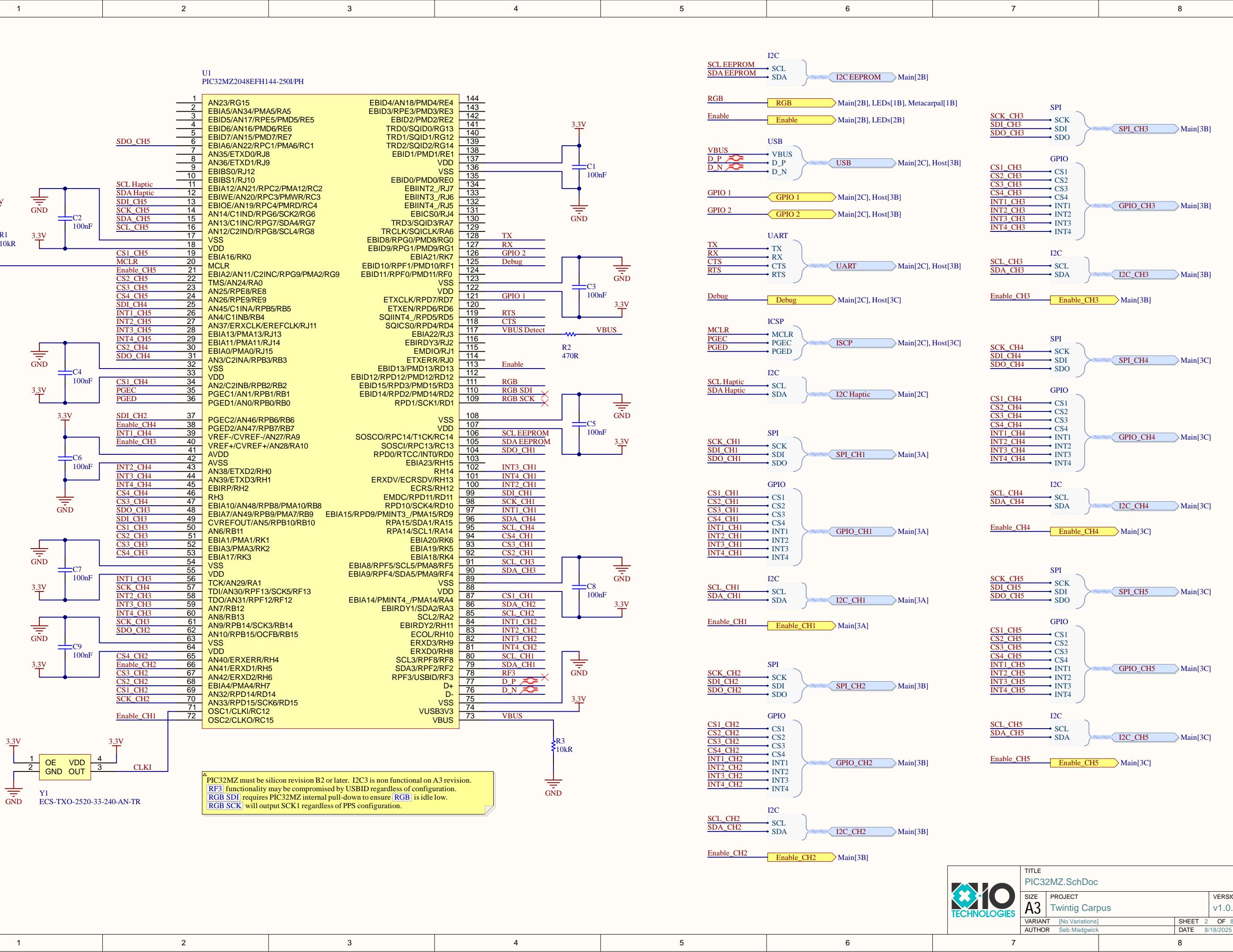
D



TITLE
Main.SchDoc

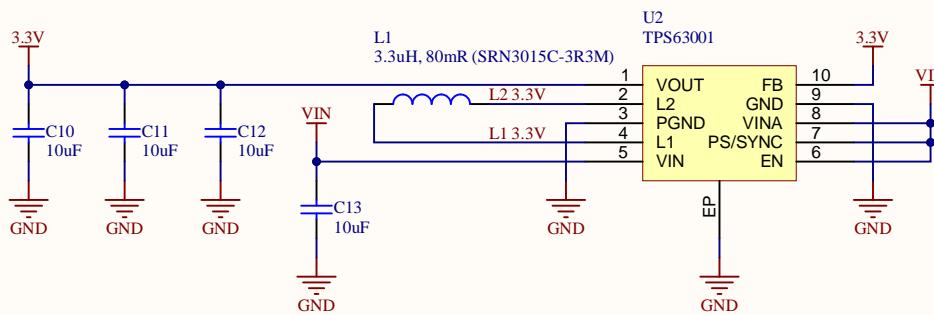
SIZE A4
PROJECT Twintig Carpus

VERSION v1.0.1
VARIANT [No Variations]
AUTHOR Seb Madgwick
DATE 8/18/2025



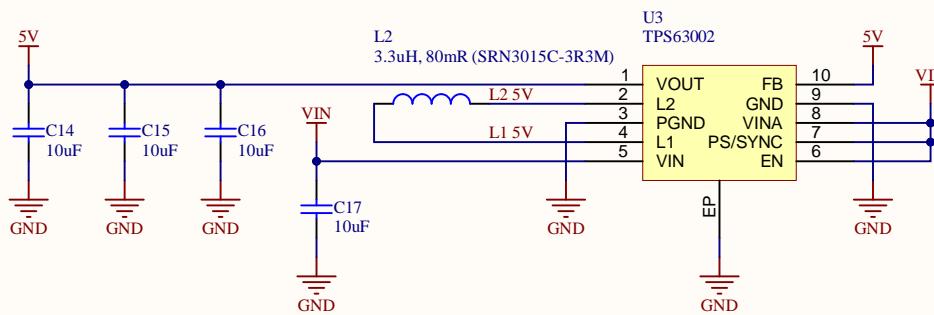
A

A



B

B



C

C

	TITLE		
	Power.SchDoc		
SIZE	PROJECT	VERSION	
A4	Twintig Carpus	v1.0.1	
VARIANT	[No Variations]	SHEET	3 OF 8
AUTHOR	Seb Madwick	DATE	8/18/2025

A

A

B

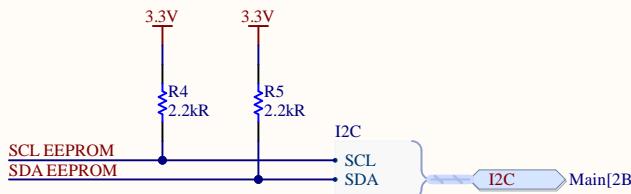
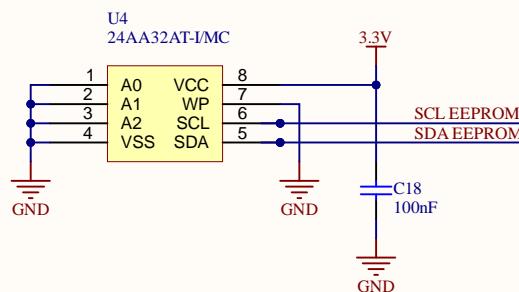
B

C

C

D

D



TITLE
EEPROM.SchDoc

SIZE
A4
PROJECT
Twintig Carpus

VERSION
v1.0.1

VARIANT
[No Variations]

DATE
8/18/2025

A

A

B

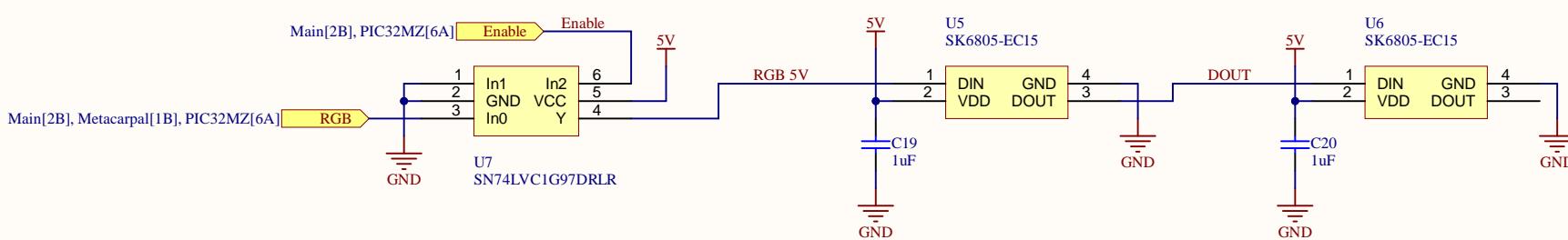
B

C

C

D

D



TITLE
LEDs.SchDoc

SIZE A4
PROJECT Twintig Carpus

VERSION v1.0.1
SHEET 5 OF 8

VARIANT [No Variations]
AUTHOR Seb Madgwick

DATE 8/18/2025

A

B

C

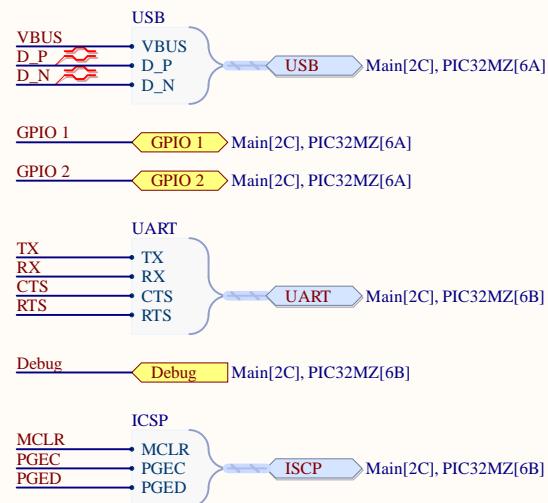
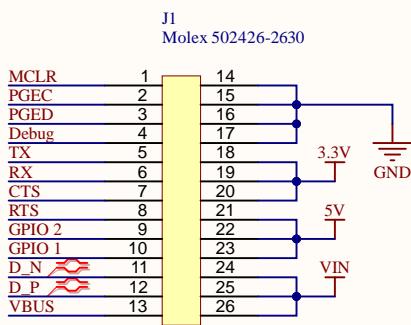
D

A

B

C

D



TITLE
Host.SchDoc

SIZE A4 PROJECT Twintig Carpus
VARIANT [No Variations] SHEET 6 OF 8
AUTHOR Seb Madwick DATE 8/18/2025

A

A

B

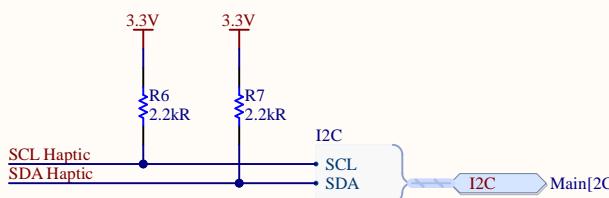
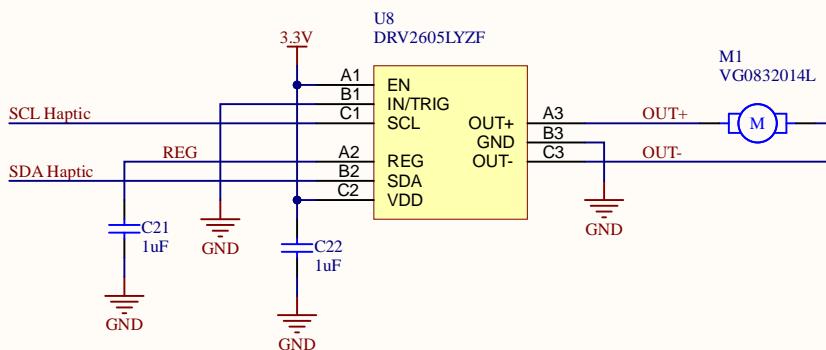
B

C

C

D

D



TITLE
Haptic.SchDoc

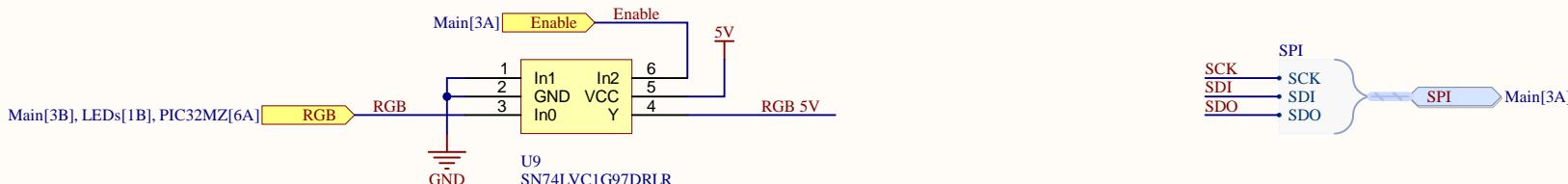
SIZE
A4
PROJECT
Twintig Carpus

VERSION
v1.0.1

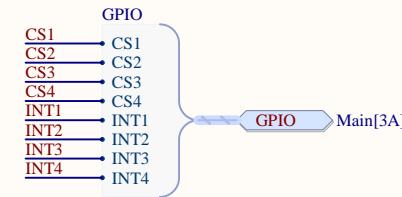
VARIANT
[No Variations]

SHEET 7 OF 8
DATE 8/18/2025

A



B



C



D



TITLE
Metacarpal.SchDoc

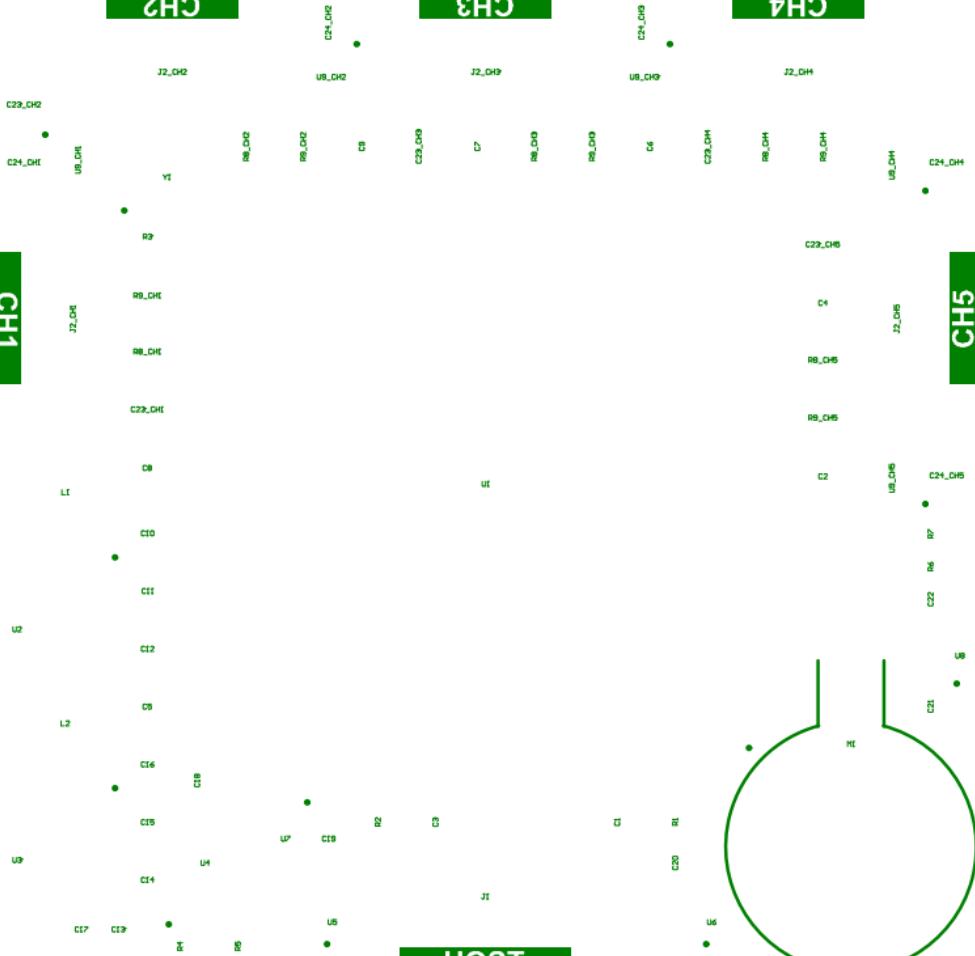
SIZE A4 PROJECT Twintig Carpus

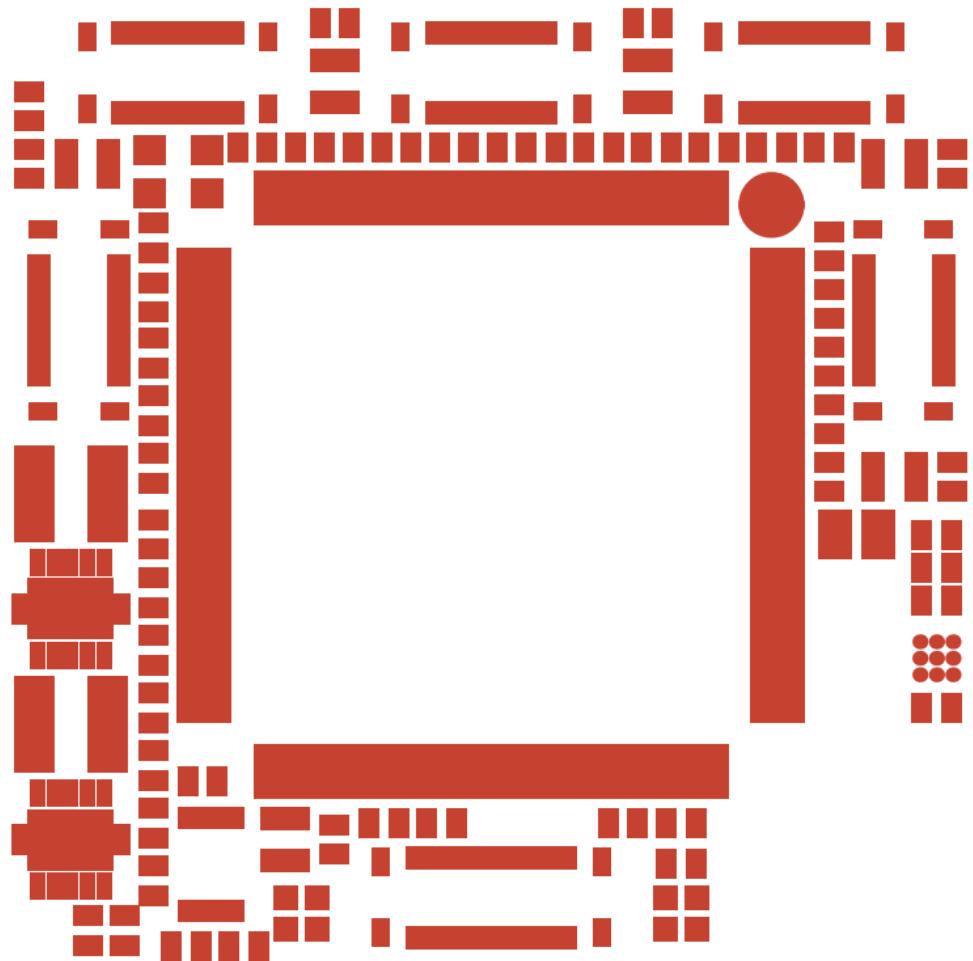
VERSION v1.0.1

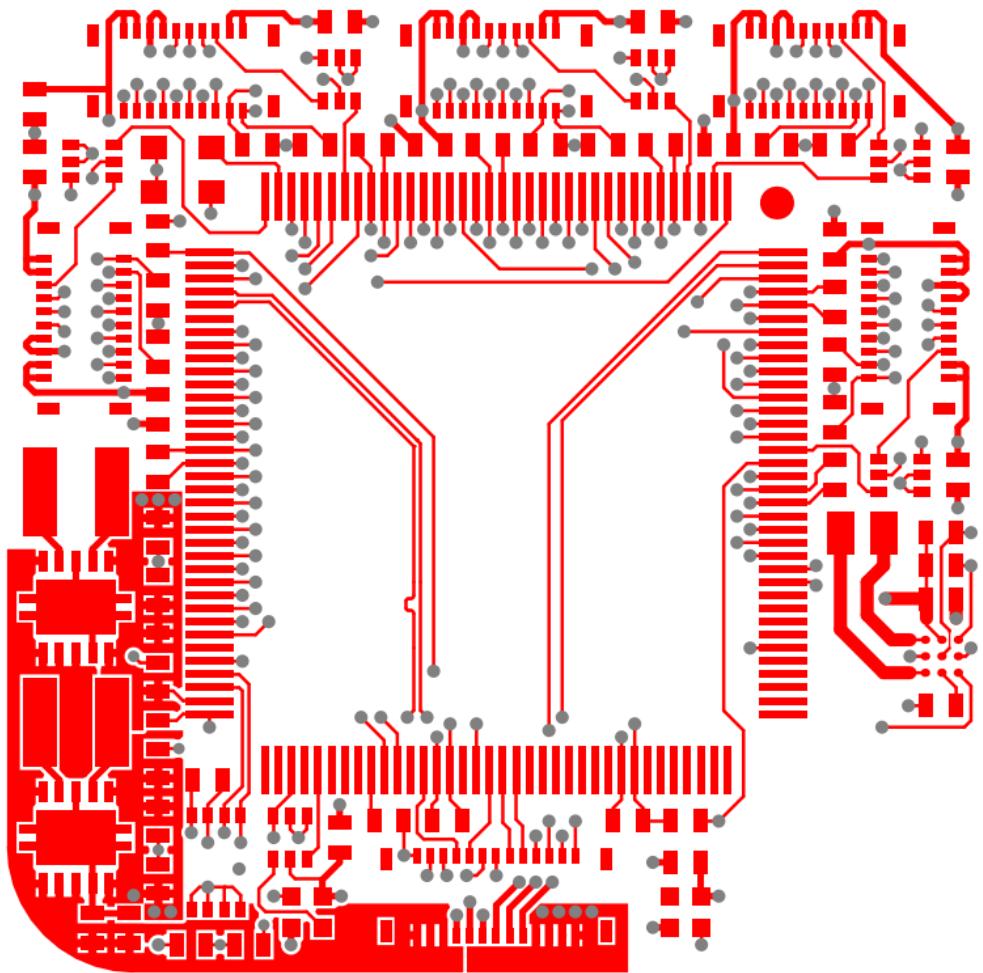
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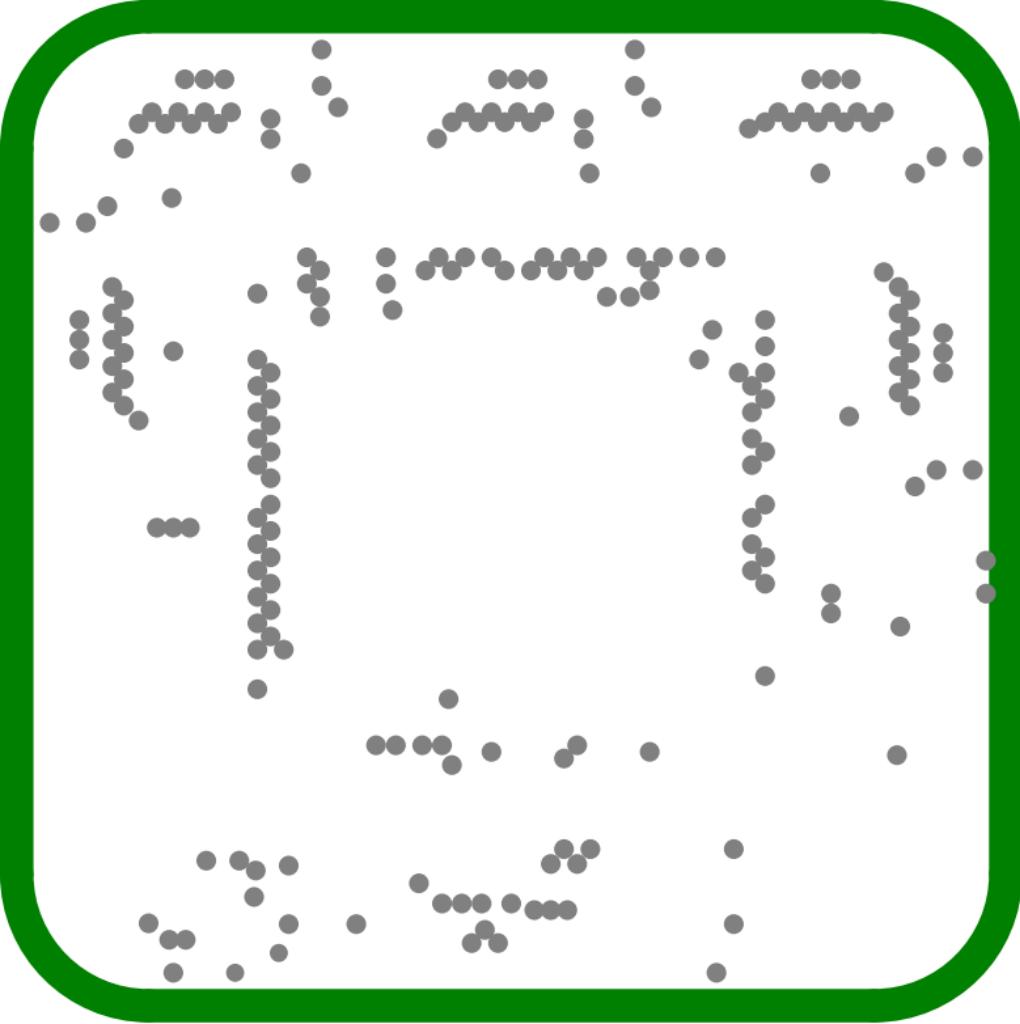
DATE 8/18/2025

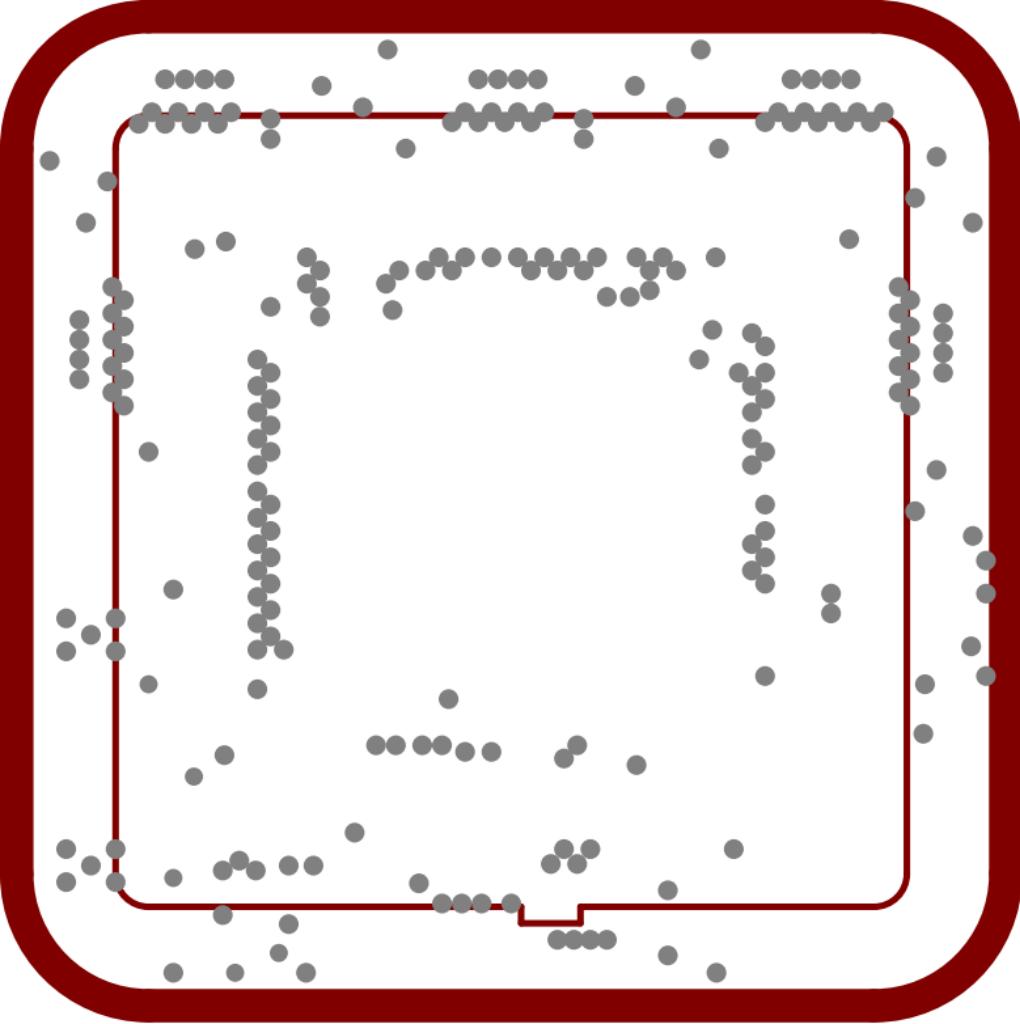
CH1

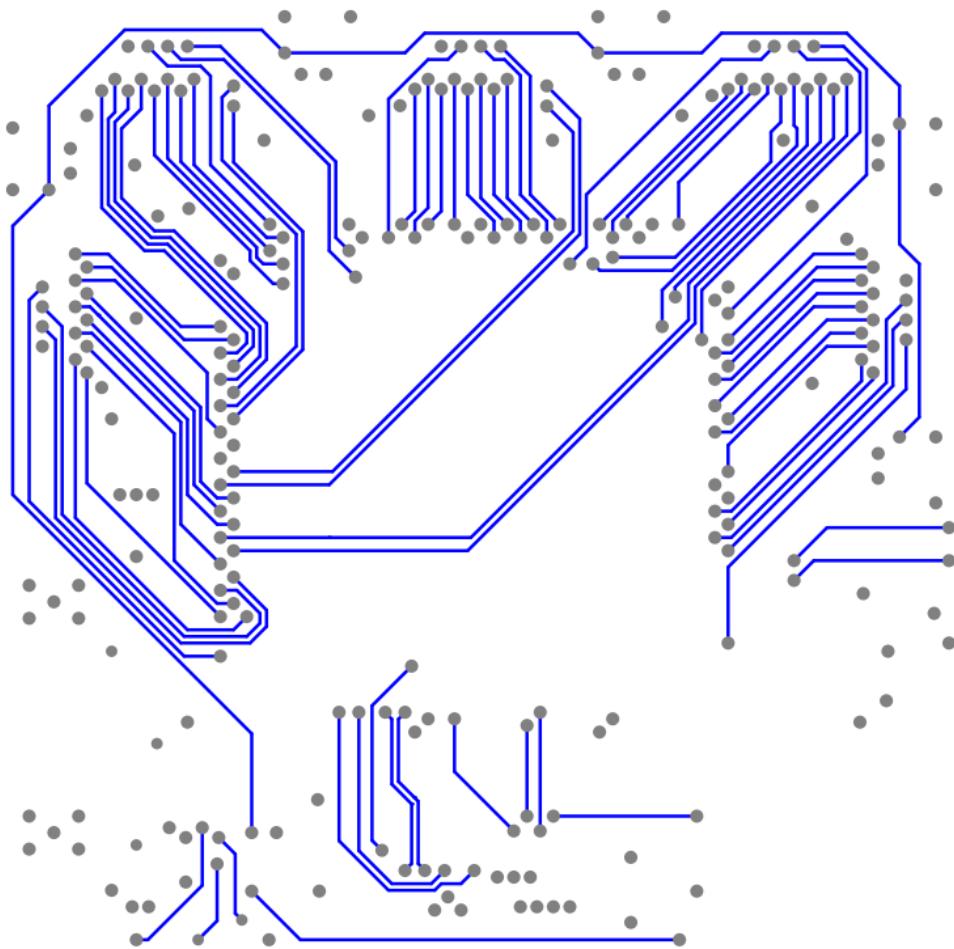




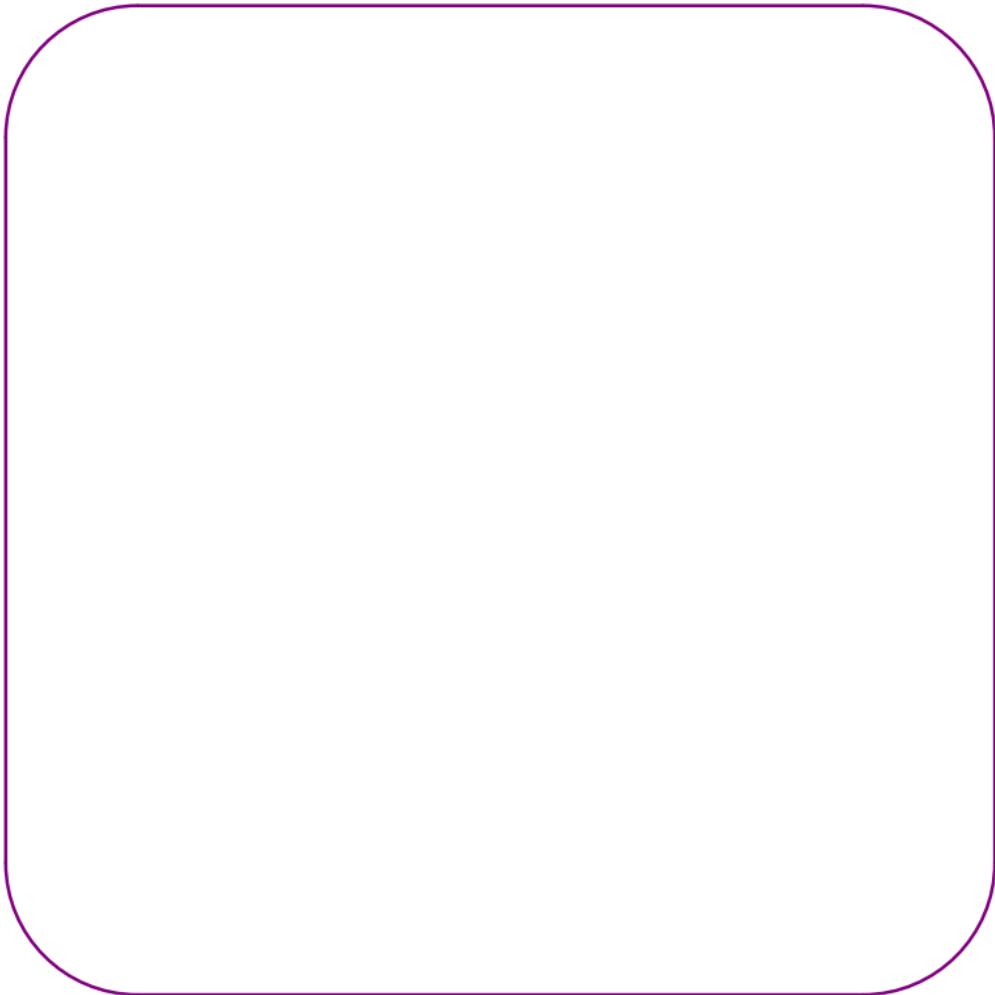


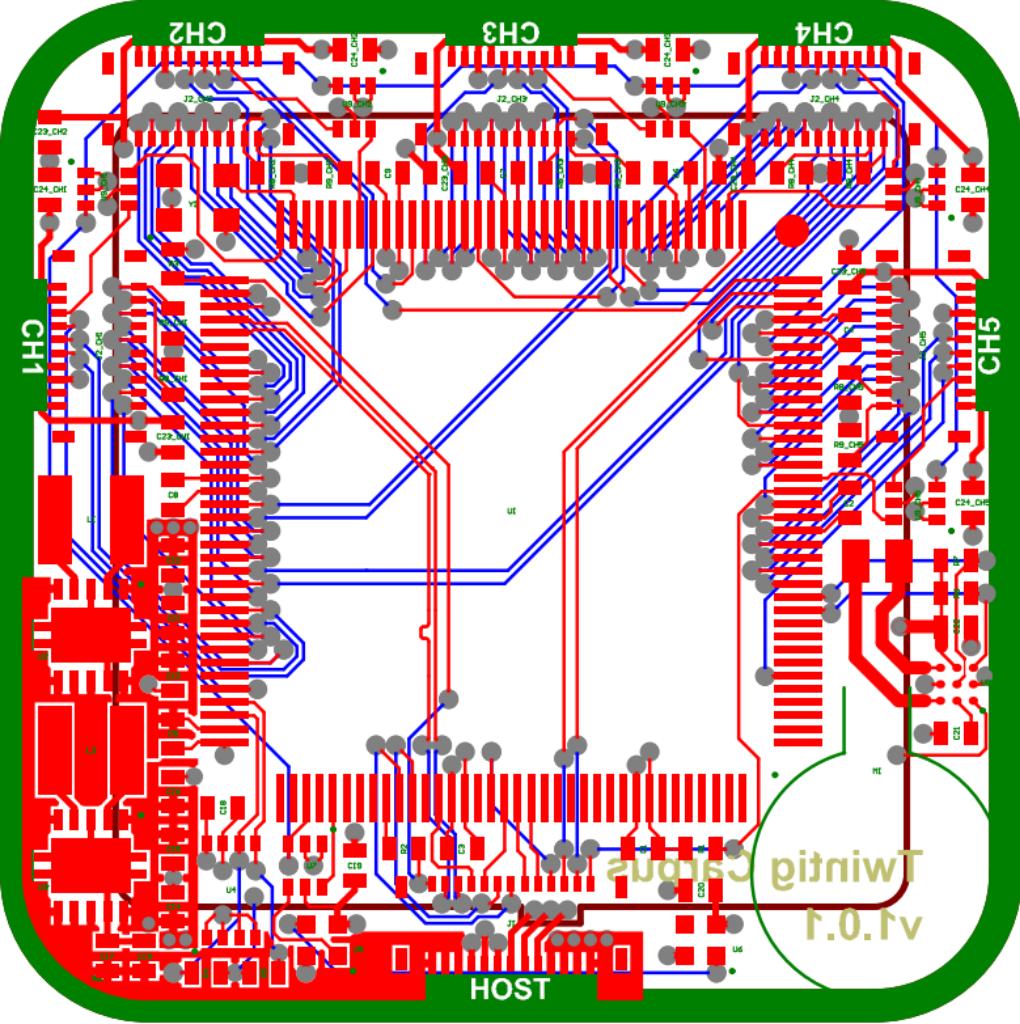


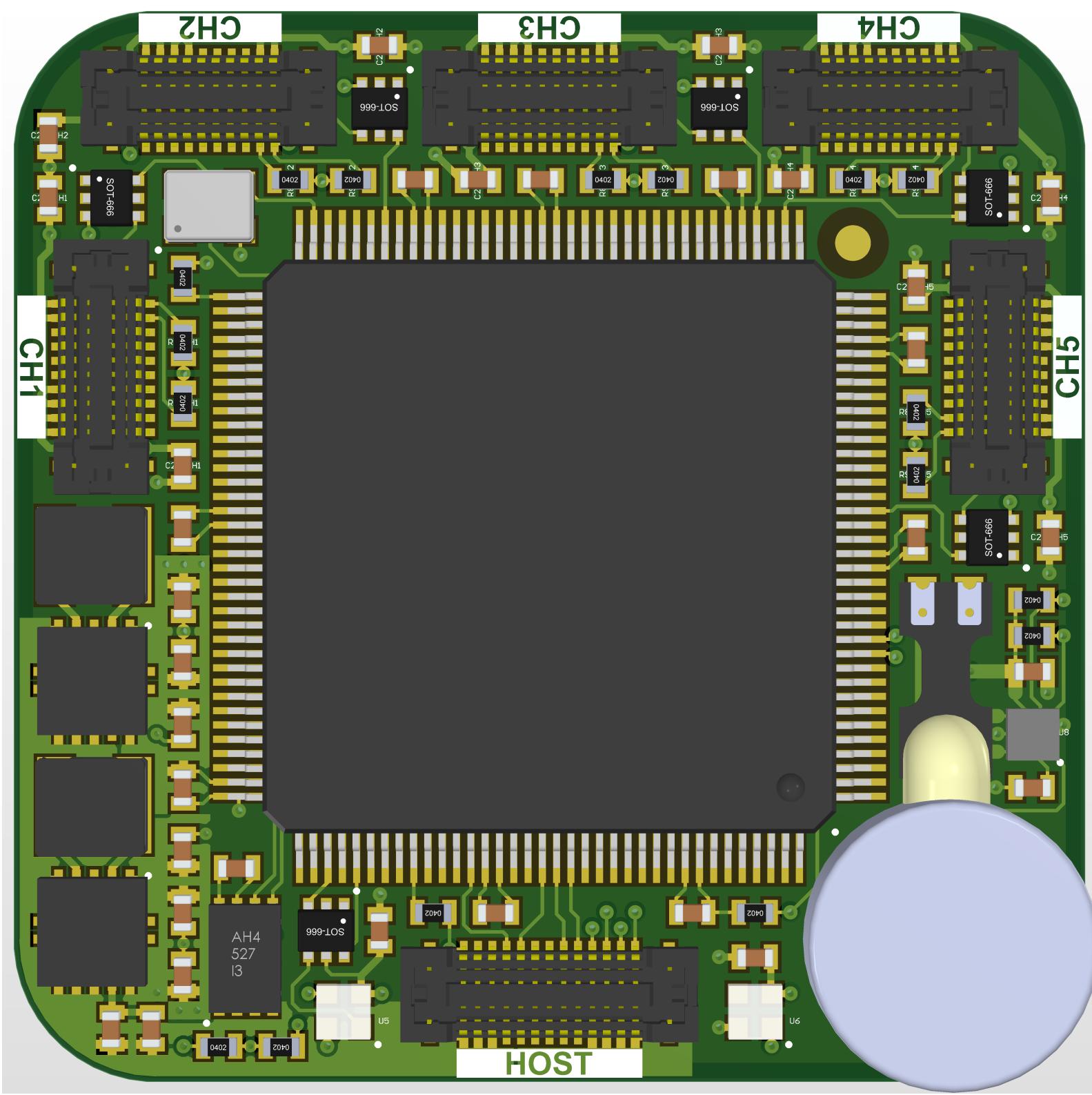


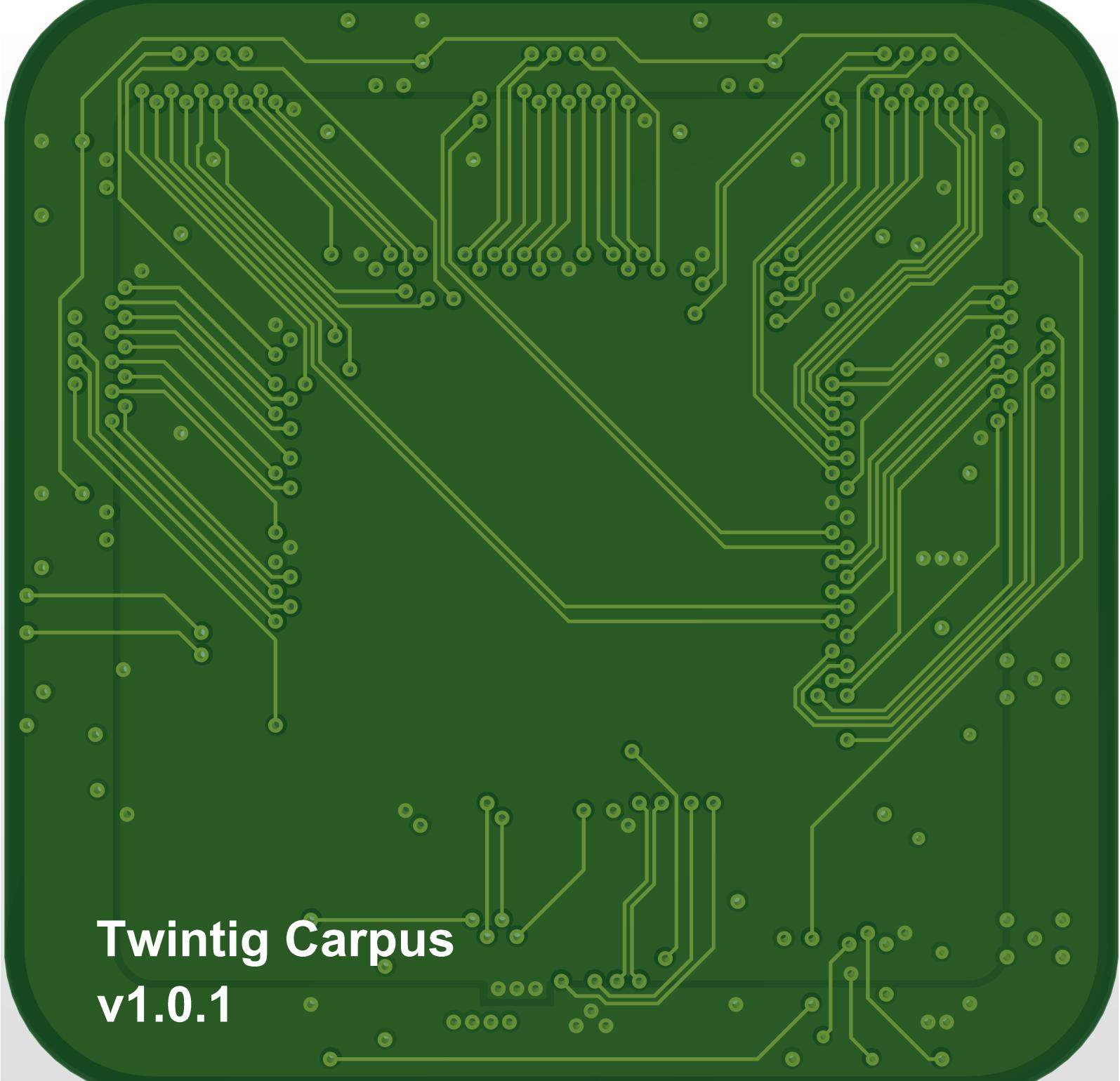


Twinkl Carbs
v1.0.1

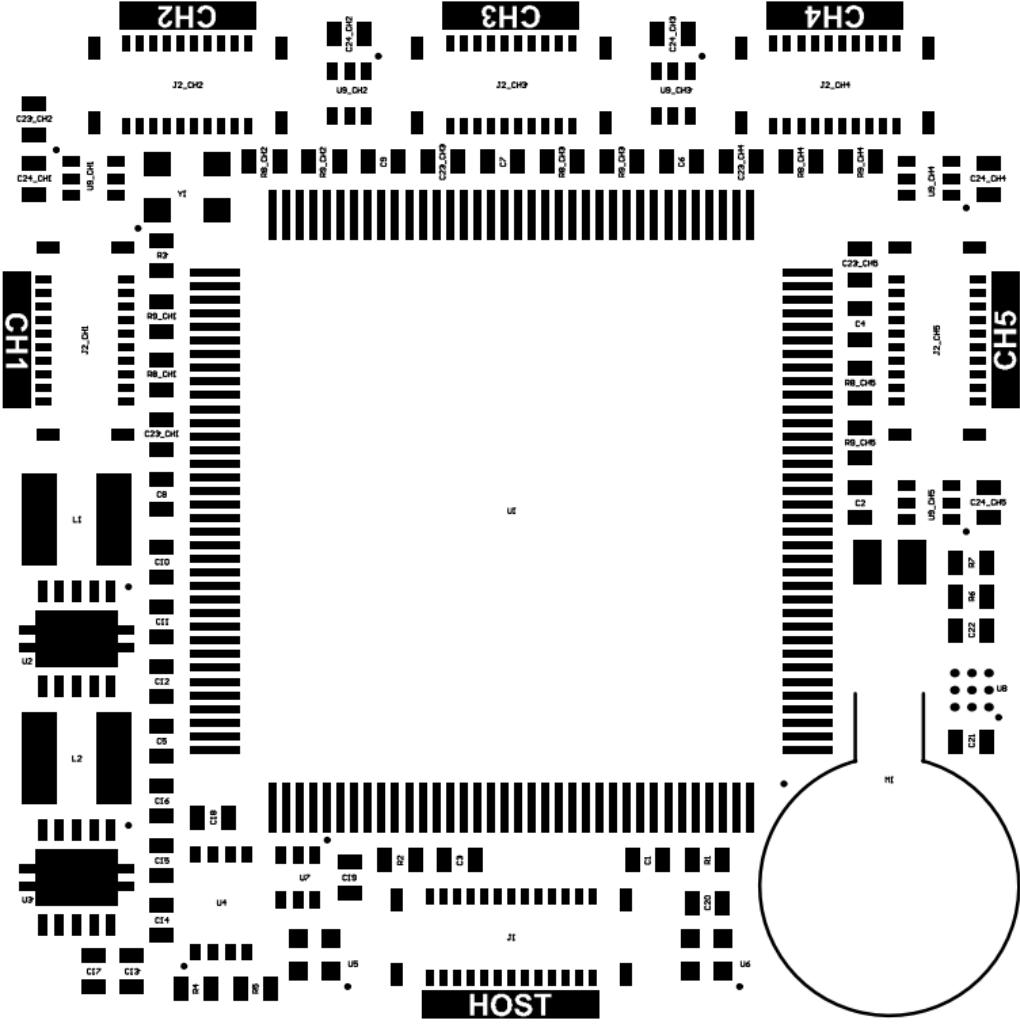








Twintig Carpus
v1.0.1



Twintig Carpus
v1.0.1

Designator	Quantity	Comment	Footprint
C1, C2, C3, C4, C5, C6, C7, C8, C9, C18	10	100nF	Capacitor 0402
C10, C11, C12, C13, C14, C15, C16, C17	8	10uF	Capacitor 0402
C19, C20, C21, C22, C23_CH1, C23_CH2, C23_CH3, C23_CH4, C23_CH5, C24_CH1, C24_CH2, C24_CH3, C24_CH4, C24_CH5	14	1uF	Capacitor 0402
J1	1	Molex 502426-2630	Molex 502426-2630
J2_CH1, J2_CH2, J2_CH3, J2_CH4, J2_CH5	5	Molex 502426-2030	Molex 502426-2030
L1, L2	2	3.3uH, 80mR (SRN3015C-3R3M)	SRN3015C
M1	1	VG0832014L	VG0832014L
R1, R3	2	10kR	Resistor 0402
R2	1	470R	Resistor 0402
R4, R5, R6, R7, R8_CH1, R8_CH2, R8_CH3, R8_CH4, R8_CH5, R9_CH1, R9_CH2, R9_CH3, R9_CH4, R9_CH5	14	2.2kR	Resistor 0402
U1	1	PIC32MZ2048EFH144-250I/PH	TQFP-144 0.4mm
U2	1	TPS63001	VSON-10
U3	1	TPS63002	VSON-10
U4	1	24AA32AT-I/MC	TDFN-8 2x3mm
U5, U6	2	SK6805-EC15	SK6805-EC15
U7, U9_CH1, U9_CH2, U9_CH3, U9_CH4, U9_CH5	6	SN74LVC1G97DRLR	SOT-666
U8	1	DRV2605LYZF	DRV2605LYZF
Y1	1	ECS-TXO-2520-33-240-AN-TR	ECS 2x2.5mm