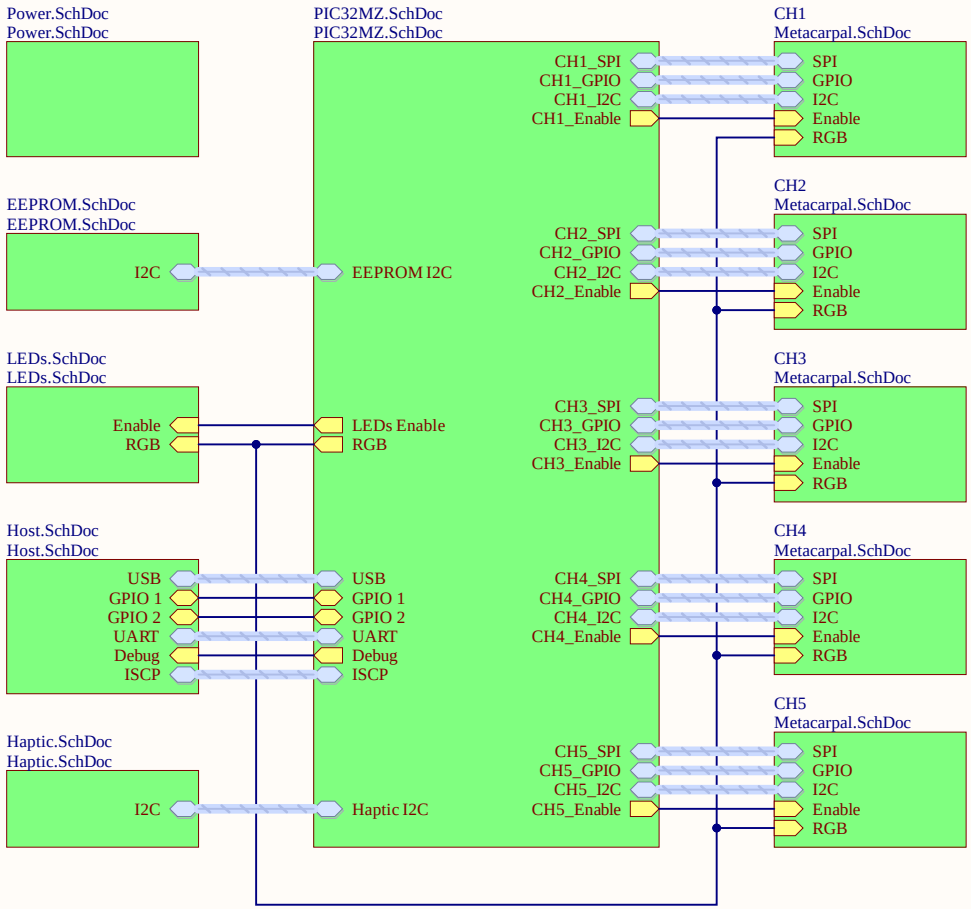
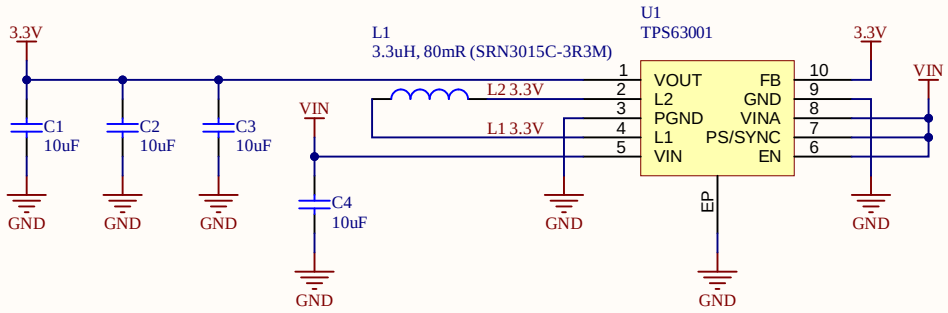
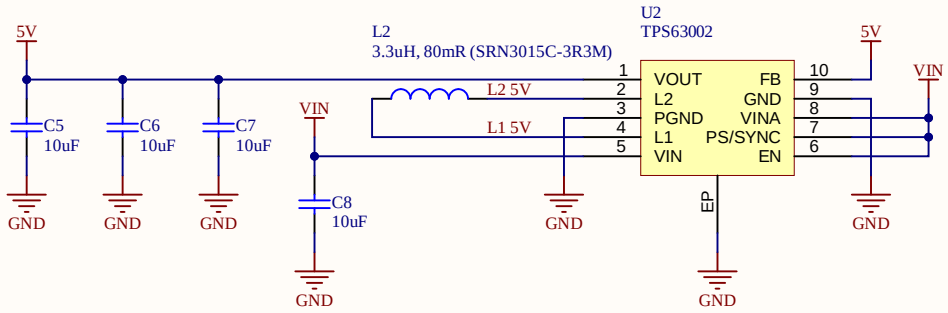
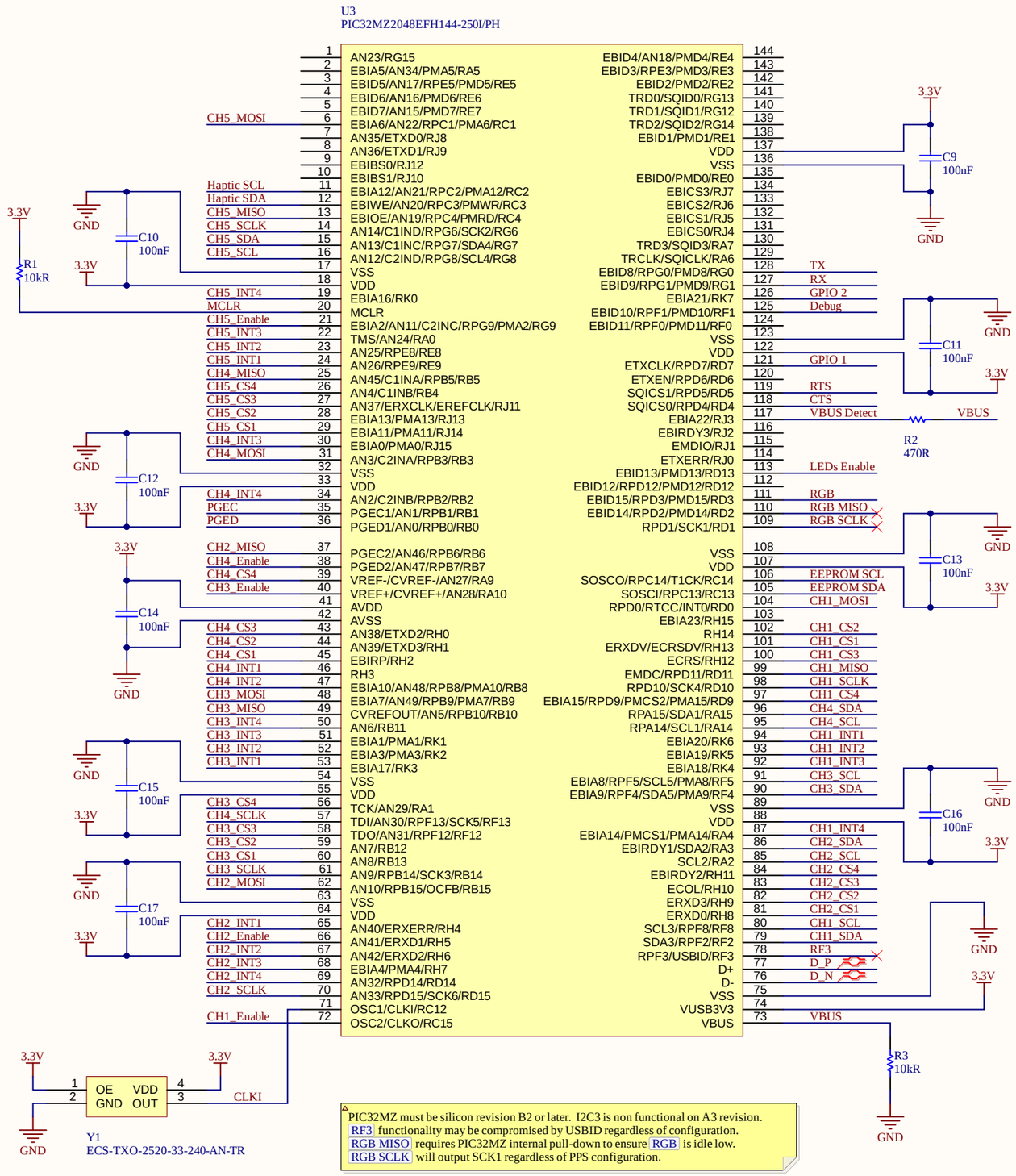


TITLE	Main.SchDoc	
SIZE A4	PROJECT MICA Glove Carpus	VERSION v1.0
VARIANT [No Variations]		SHEET 1 OF 8
AUTHOR Seb Madgwick		DATE 30/06/2024

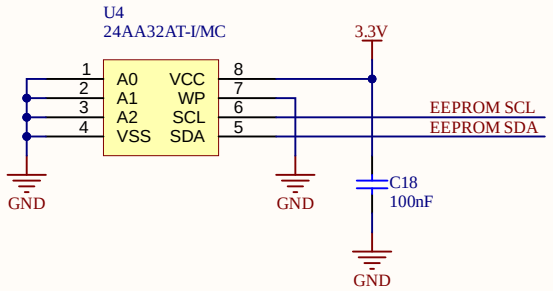


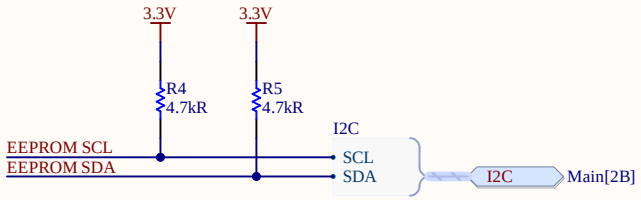


TITLE	Power.SchDoc	
SIZE A4	PROJECT MICA Glove Carpus	VERSION v1.0
VARIANT [No Variations]		SHEET 2 OF 8
AUTHOR Seb Madgwick		DATE 30/06/2024

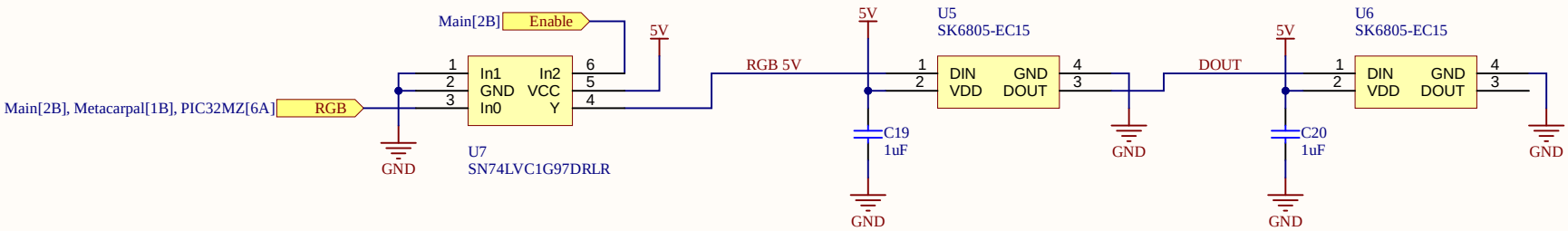


TITLE	PIC32MZ.SchDoc
SIZE	A3
PROJECT	MICA Glove Carpus
VERSION	v1.0
VARIANT	[No Variations]
SHEET	3 OF 8
AUTHOR	Seb Madgwick
DATE	30/06/2024

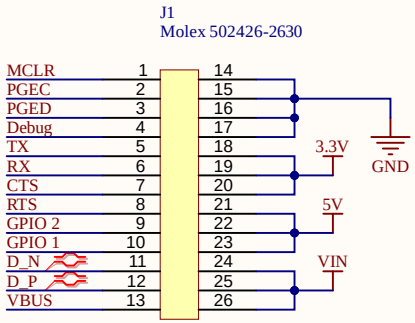


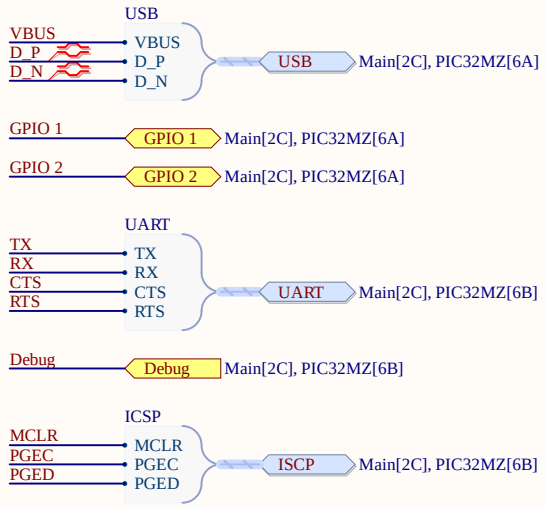


TITLE	EEPROM.SchDoc	
SIZE A4	PROJECT MICA Glove Carpus	VERSION v1.0
VARIANT [No Variations]		SHEET 4 OF 8
AUTHOR Seb Madgwick		DATE 30/06/2024

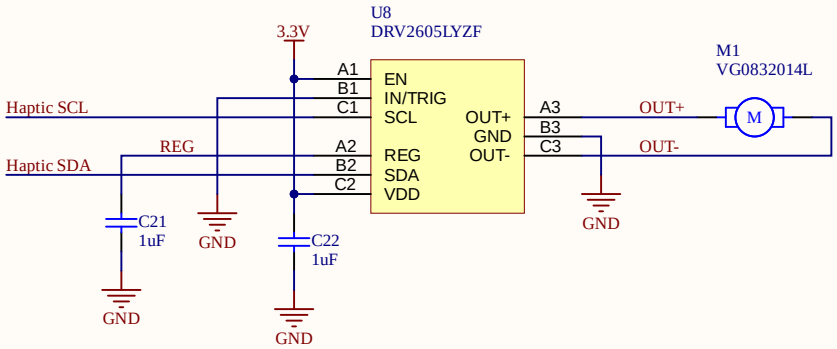


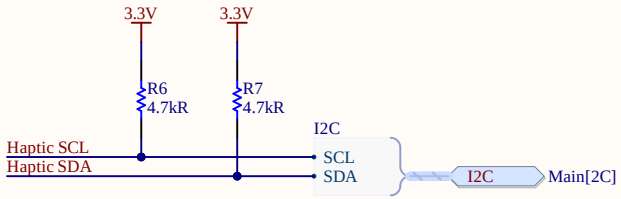
TITLE	LEDs.SchDoc	
SIZE A4	PROJECT MICA Glove Carpus	VERSION v1.0
VARIANT [No Variations]		SHEET 5 OF 8
AUTHOR Seb Madgwick		DATE 30/06/2024



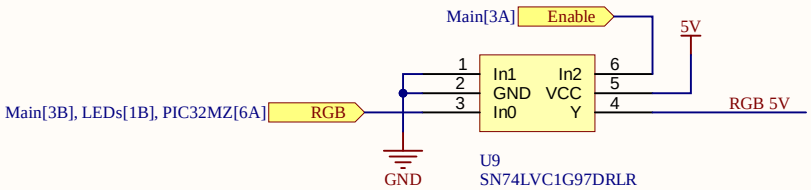


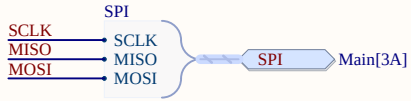
TITLE	Host.SchDoc	
SIZE A4	PROJECT MICA Glove Carpus	VERSION v1.0
VARIANT [No Variations]		SHEET 6 OF 8
AUTHOR Seb Madgwick		DATE 30/06/2024

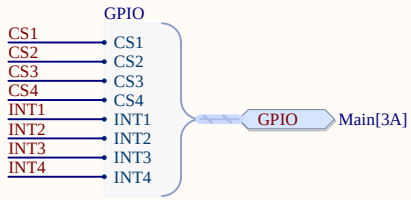


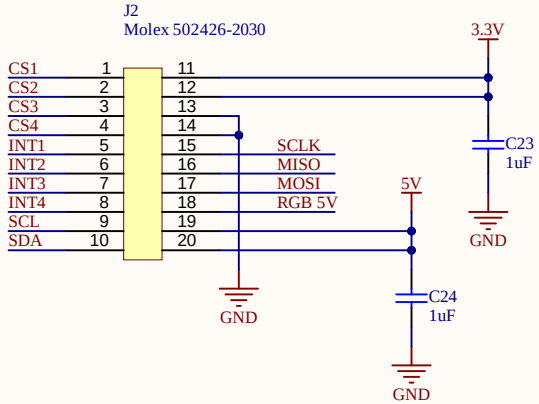


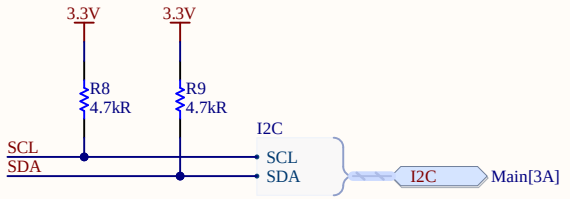
TITLE	Haptic.SchDoc		
SIZE A4	PROJECT MICA Glove Carpus		VERSION v1.0
VARIANT [No Variations]		SHEET 7 OF 8	
AUTHOR Seb Madgwick		DATE 30/06/2024	



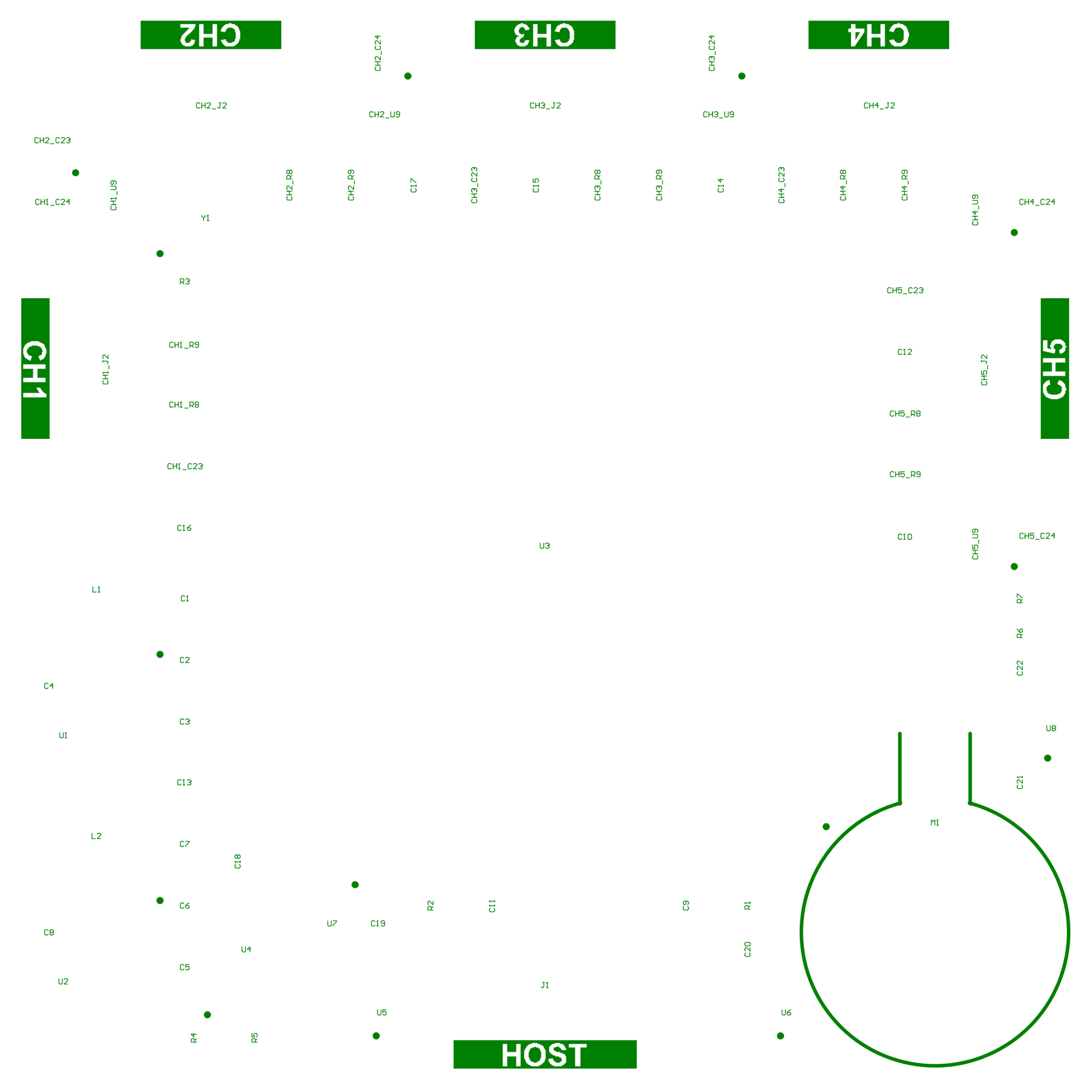


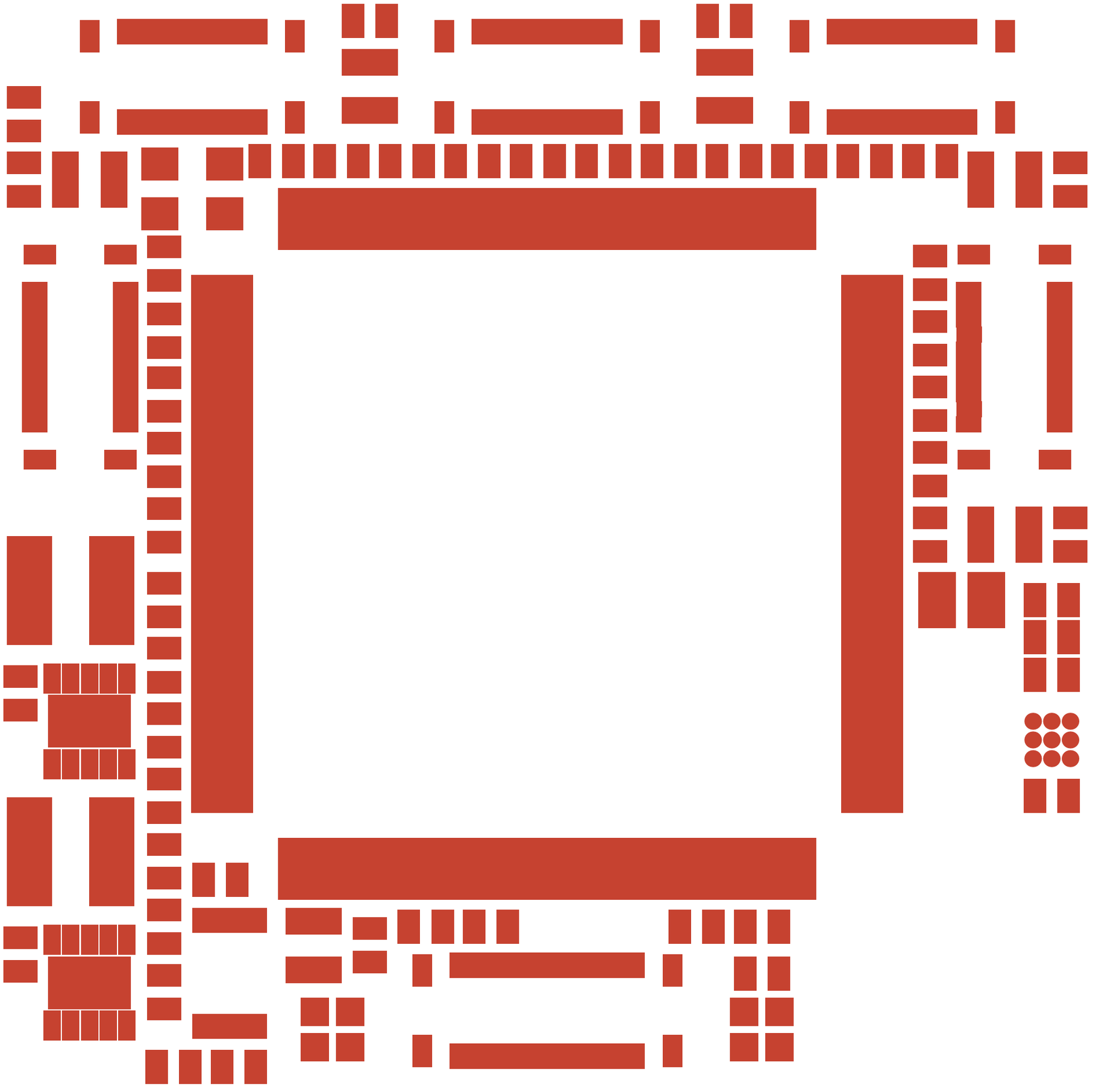


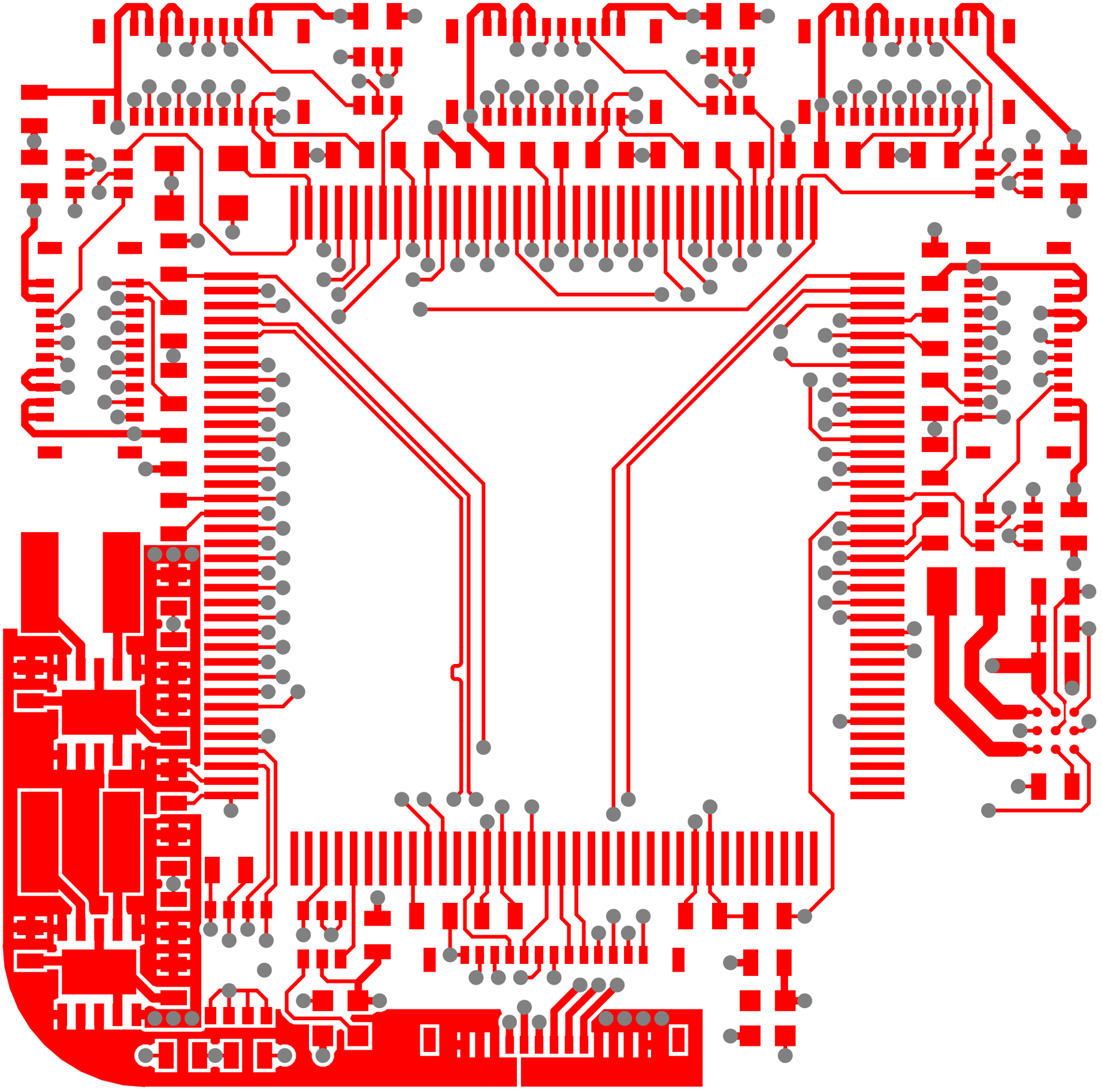


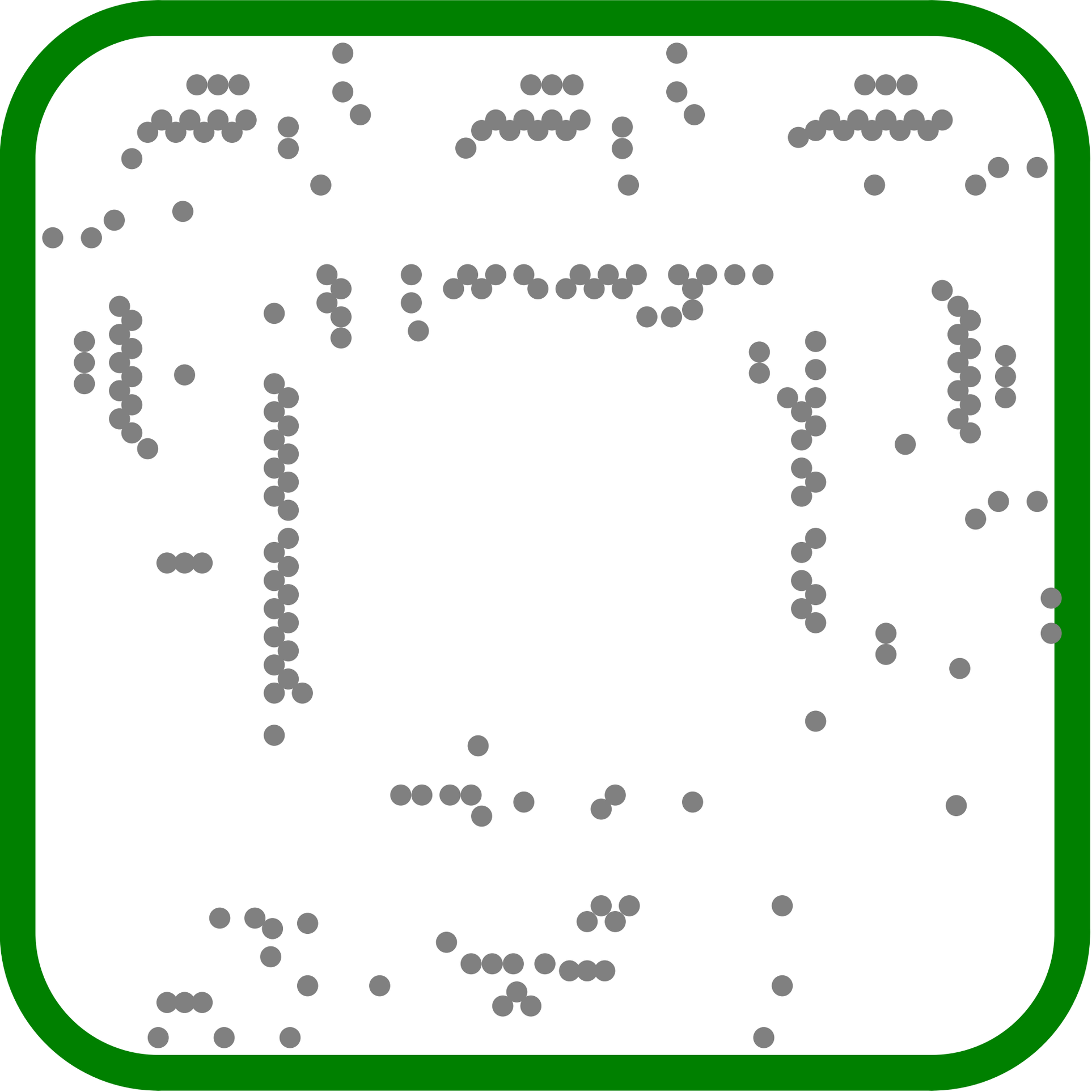


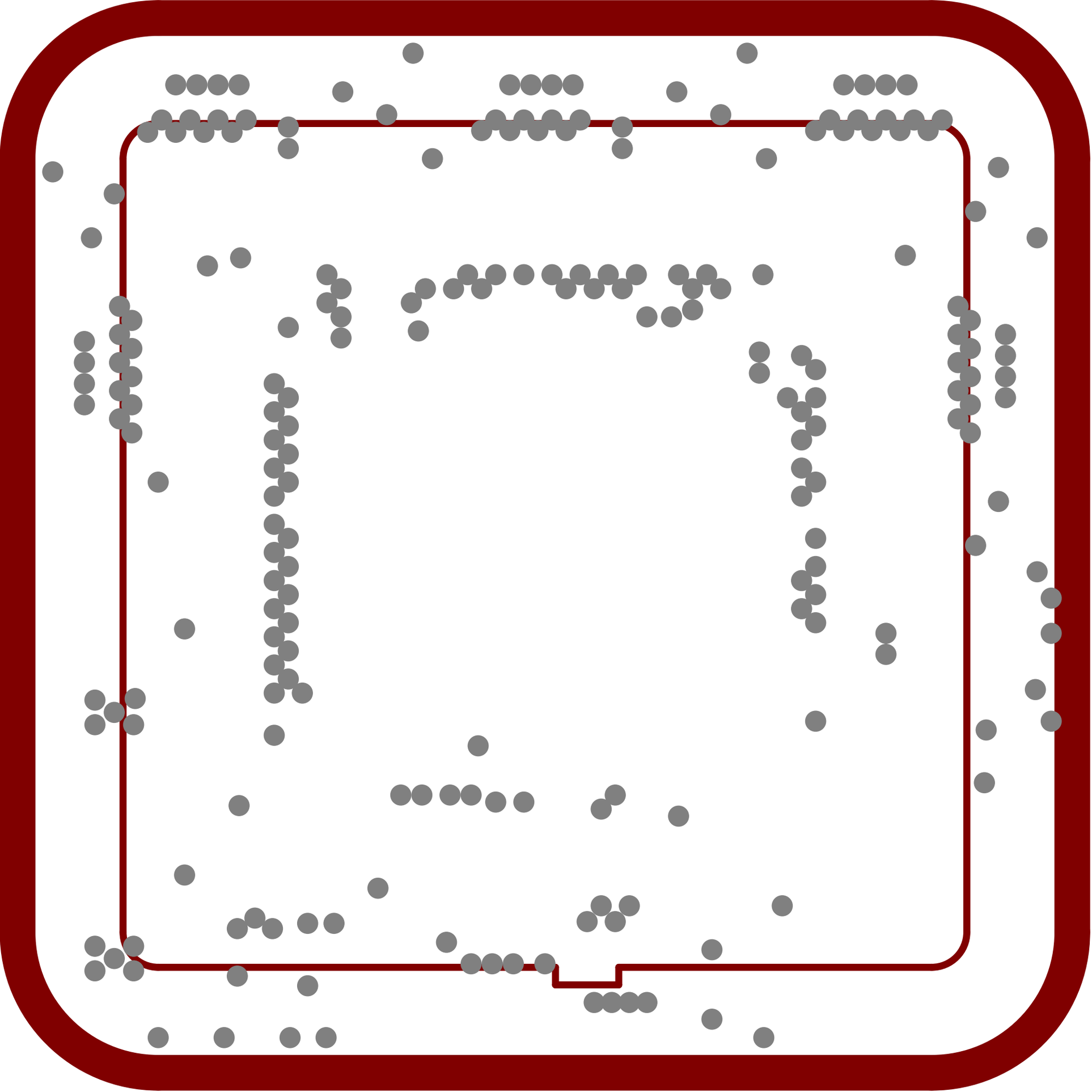
TITLE	Metacarpal.SchDoc		
SIZE A4	PROJECT MICA Glove Carpus		VERSION v1.0
VARIANT [No Variations]		SHEET 8 OF 8	
AUTHOR Seb Madgwick		DATE 30/06/2024	

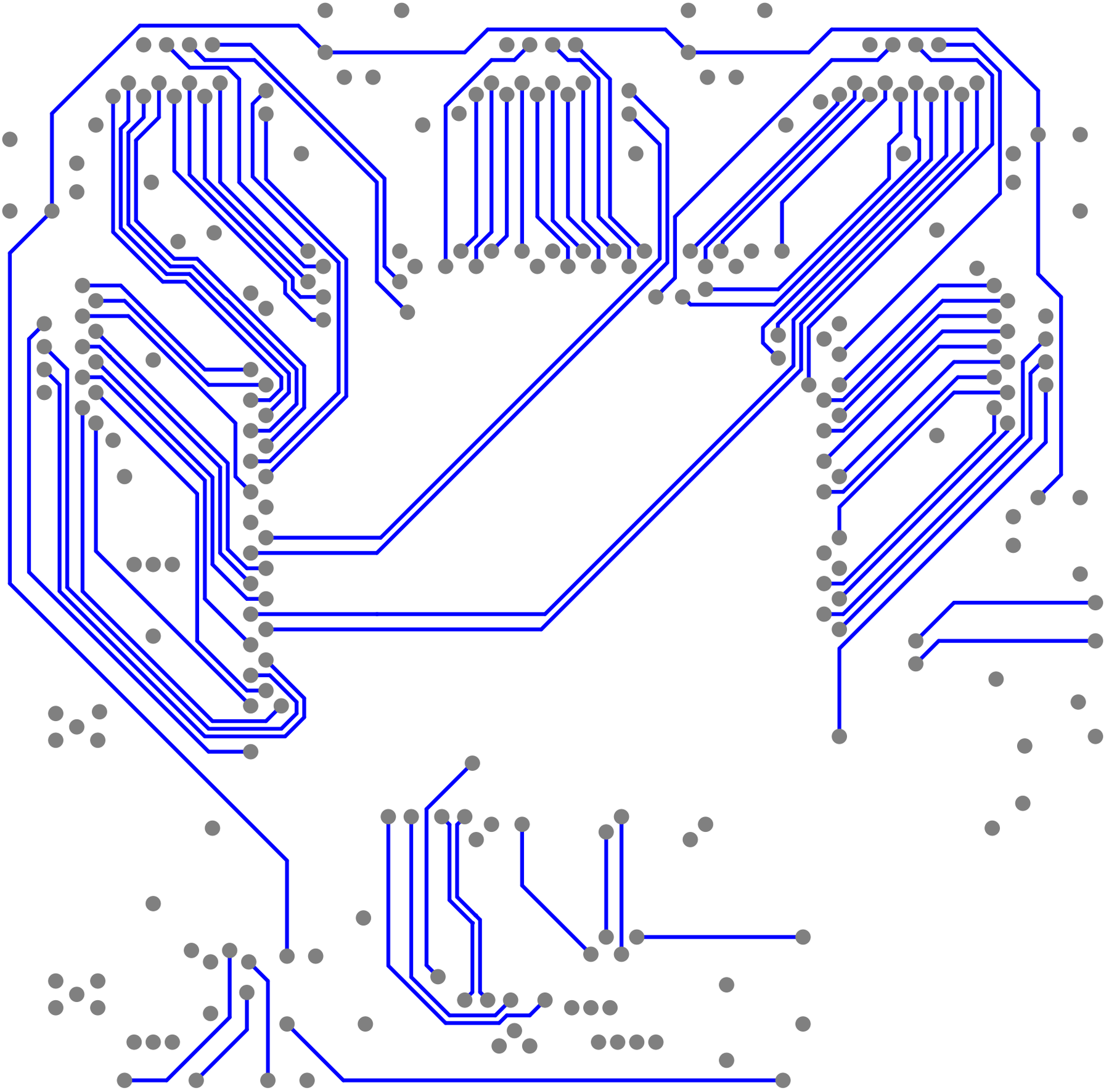

CH2
CH3
CH4
CH2_C24
CH3_C24
CH2_J2
CH2_U9
CH3_J2
CH3_U9
CH4_J2
CH2_C23
CH1_C24
CH1_U9
CH2_R8
CH2_R9
C17
CH3_C23
C15
CH3_R8
CH3_R9
C14
CH4_C23
CH4_R8
CH4_R9
CH4_U9
CH4_C24
Y1
R3
CH5_C23
CH1
CH1_R9
CH1_J2
C12
CH5_J2
CH5
CH1_R8
CH5_R8
CH1_C23
CH5_R9
C16
C10
CH5_U9
CH5_C24
U3
L1
C1
R7
R6
C22
C2
C4
C3
U1
U8
C13
C21
M1
L2
C7
C18
C6
R2
C11
C9
R1
U7
C19
C8
U4
C20
C5
U2
J1
U5
U6
R4
R5
HOST





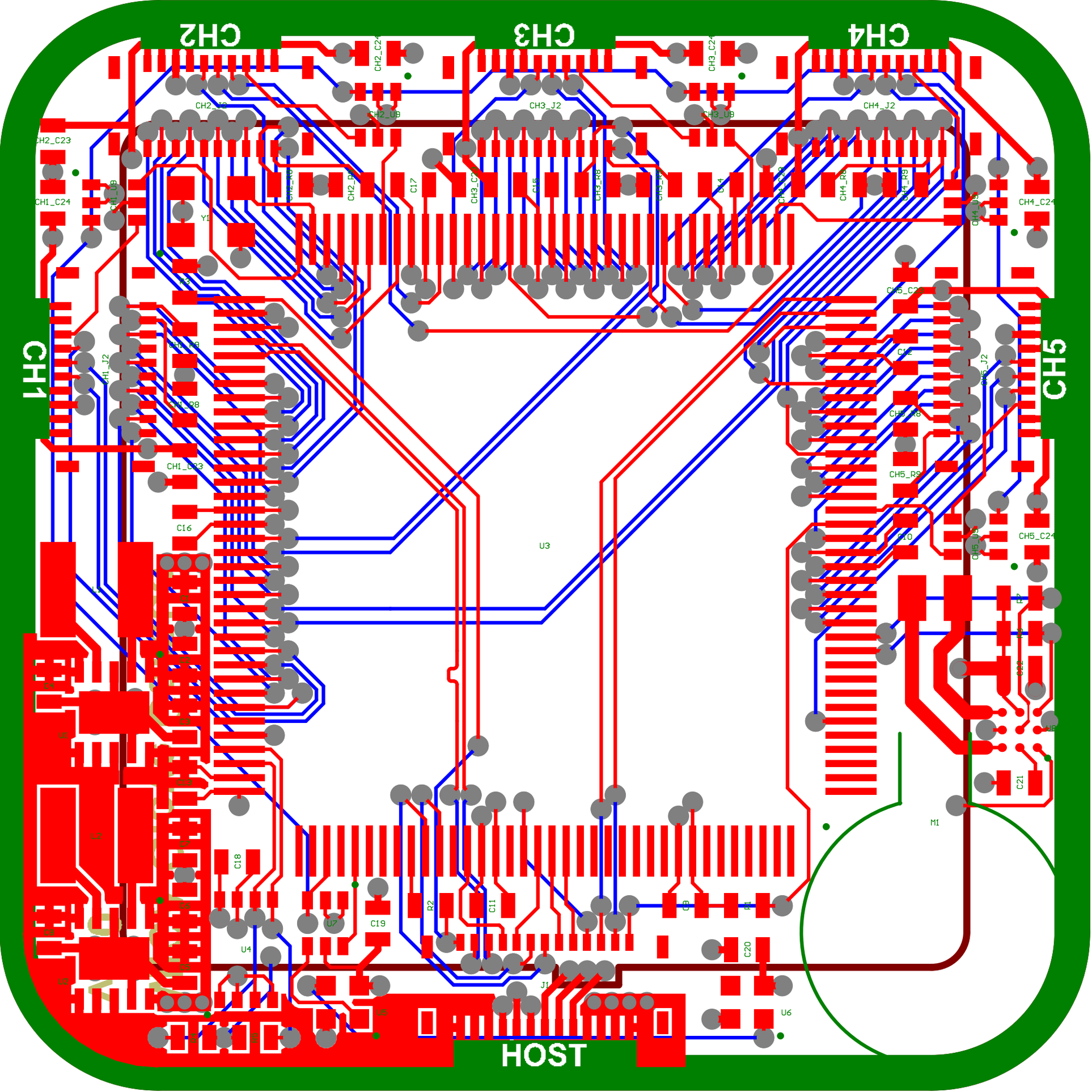




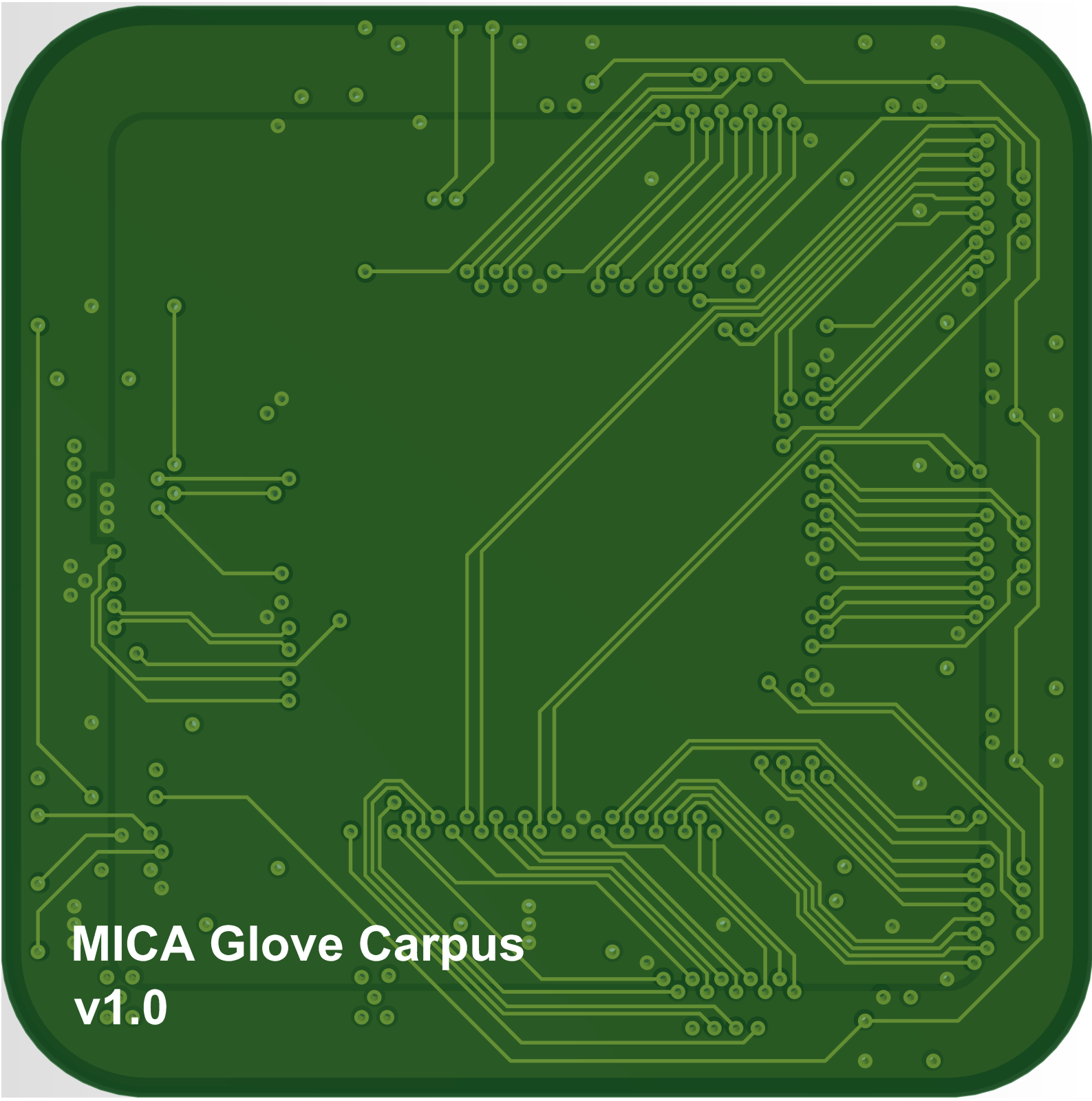


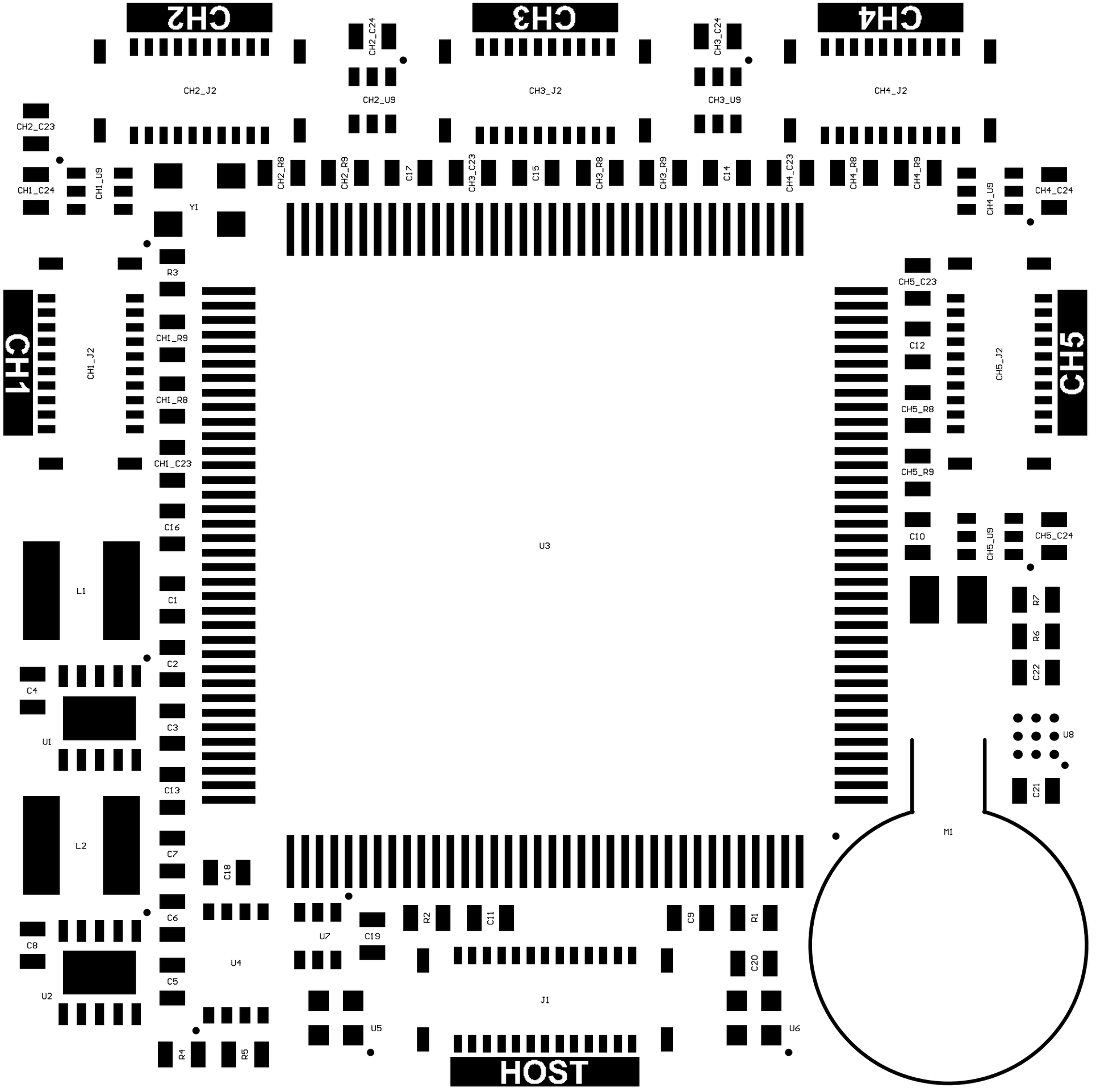
MICA Glove Capture

v1.0


CH2
CH3
CH4
CH1
CH5
HOST
CH2_C23
CH1_C24
CH4_C24
CH1_C23
CH5_C24
CH2_J2
CH3_J2
CH4_J2
CH1_J2
CH5_J2
CH2_U9
CH3_U9
CH4_U9
CH1_U9
CH5_U9
CH2_R8
CH3_R8
CH4_R8
CH1_R8
CH5_R8
CH2_R9
CH4_R9
CH1_R9
CH5_R9
CH5_C23
Y1
U3
U1
U2
U4
U5
U6
U7
U8
J1
M1
L2
C1
C2
C3
C4
C5
C6
C7
C8
C10
C11
C12
C13
C16
C17
C18
C19
C20
C21
C22
R1
R2
R3
R4

CH2
CH3
CH4
CH1
CH5
HOST
SOT-666
0402
AH4
527
I3
U1
U2
U5
U6
U8


MICA Glove Carpus
v1.0


CH2
CH3
CH4
CH2_J2
CH2_C24
CH2_U9
CH3_J2
CH3_C24
CH3_U9
CH4_J2
CH2_C23
CH1_C24
CH1_U9
CH2_R8
CH2_R9
C17
CH3_C23
C15
CH3_R8
CH3_R9
C14
CH4_C23
CH4_R8
CH4_R9
CH4_U9
CH4_C24
Y1
R3
CH1
CH1_J2
CH1_R9
CH1_R8
CH1_C23
C16
U3
CH5_C23
C12
CH5_R8
CH5_R9
C10
CH5_J2
CH5
CH5_U9
CH5_C24
L1
C1
C2
C4
U1
C3
C13
L2
C7
C18
C6
C8
U2
C5
U4
U7
C19
R2
C11
C9
R1
C20
J1
U5
U6
R4
R5
M1
R7
R6
C22
U8
C21
HOST

MICA Glove Carpus
v1.0

Designator	Quantity	Comment	Footprint
C1, C2, C3, C4, C5, C6, C7, C8	8	10uF	Capacitor 0402
C9, C10, C11, C12, C13, C14, C15, C16, C17, C18	10	100nF	Capacitor 0402
C19, C20, C21, C22, CH1_C23, CH1_C24, CH2_C23, CH2_C24, CH3_C23, CH3_C24, CH4_C23, CH4_C24, CH5_C23, CH5_C24	14	1uF	Capacitor 0402
CH1_J2, CH2_J2, CH3_J2, CH4_J2, CH5_J2	5	Molex 502426-2030	Molex 502426-2030
CH1_R8, CH1_R9, CH2_R8, CH2_R9, CH3_R8, CH3_R9, CH4_R8, CH4_R9, CH5_R8, CH5_R9, R4, R5, R6, R7	14	4.7kR	Resistor 0402
CH1_U9, CH2_U9, CH3_U9, CH4_U9, CH5_U9, U7	6	SN74LVC1G97DRLR	SOT-666
J1	1	Molex 502426-2630	Molex 502426-2630
L1, L2	2	3.3uH, 80mR (SRN3015C-3R3M)	SRN3015C
M1	1	VG0832014L	VG0832014L
R1, R3	2	10kR	Resistor 0402
R2	1	470R	Resistor 0402
U1	1	TPS63001	WSON-10
U2	1	TPS63002	WSON-10
U3	1	PIC32MZ2048EFH144-250I/PH	TQFP-144 0.4mm
U4	1	24AA32AT-I/MC	TDFN-8 2x3mm
U5, U6	2	SK6805-EC15	SK6805-EC15
U8	1	DRV2605LYZF	DRV2605LYZF
Y1	1	ECS-TXO-2520-33-240-AN-TR	ECS 2x2.5mm