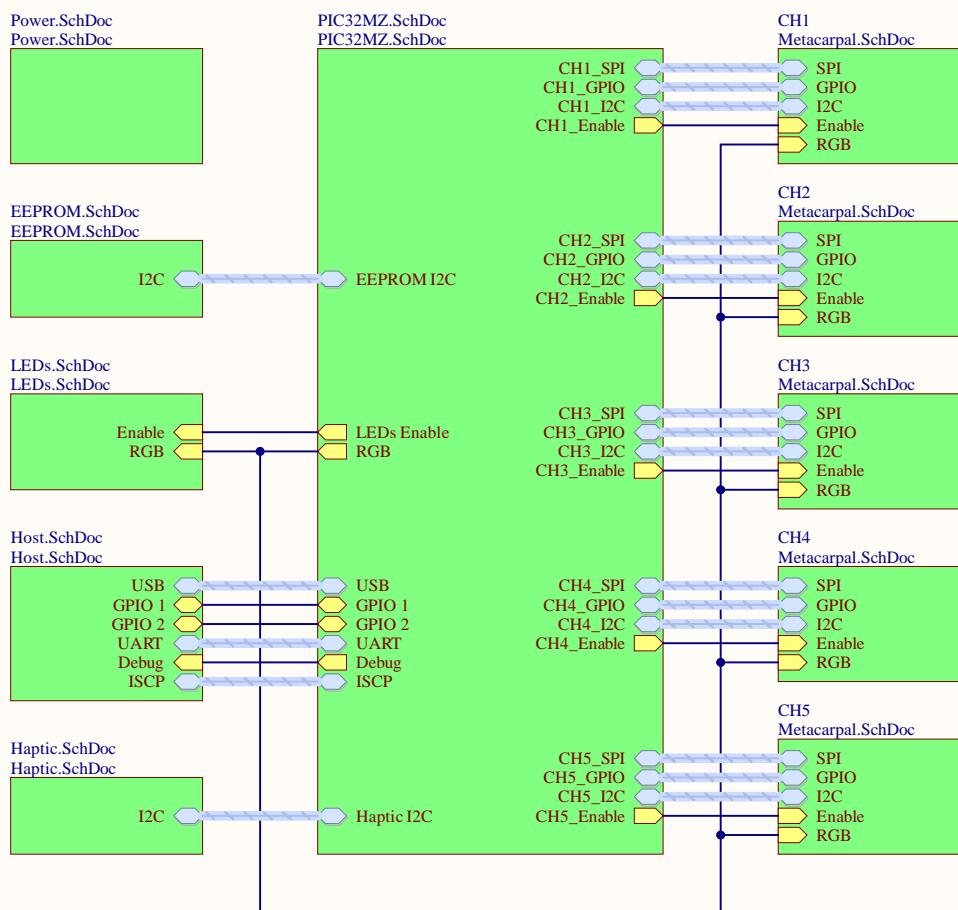


A



A

B

B

C

C

D

D



TITLE
Main.SchDoc

SIZE **A4** PROJECT **MICA Glove Carpus** VERSION **v1.0**

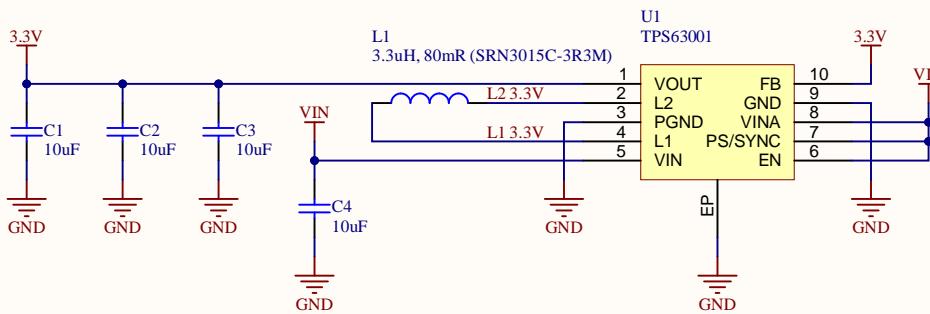
VARIANT **[No Variations]**

SHEET **1** OF **8**

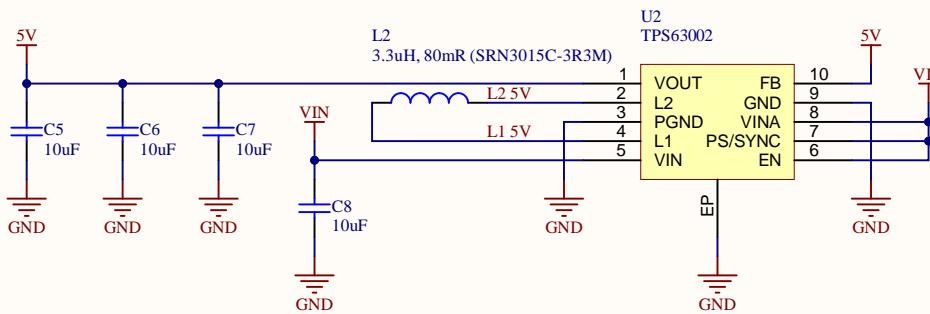
AUTHOR **Seb Madwick**

DATE **11/4/2024**

A

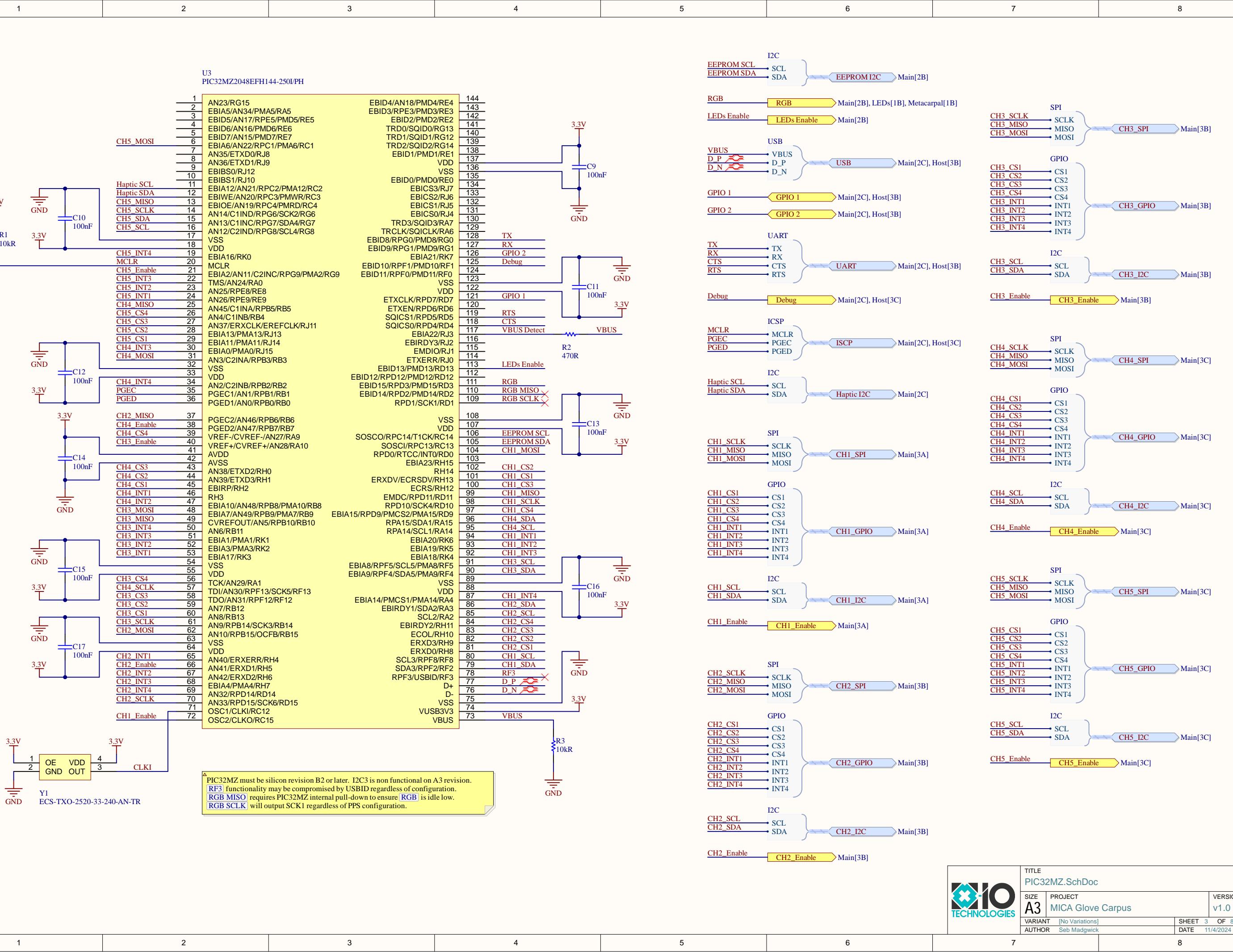


B



C

TITLE		Power.SchDoc	
SIZE	PROJECT	VERSION	
A4	MICA Glove Carpus	v1.0	
VARIANT	[No Variations]	SHEET	2 OF 8
AUTHOR	Seb Madwick	DATE	11/4/2024



A

A

B

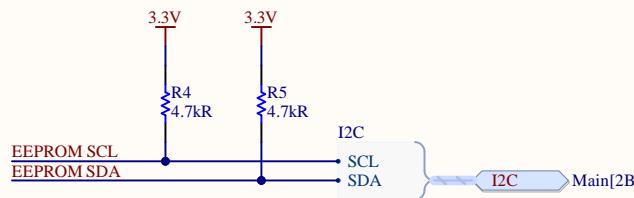
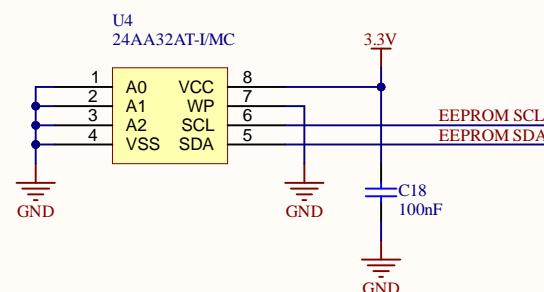
B

C

C

D

D



TITLE		
EEPROM.SchDoc		
SIZE		
A4	PROJECT	VERSION
	MICA Glove Carpus	v1.0
VARIANT	[No Variations]	SHEET 4 OF 8
AUTHOR	Seb Madwick	DATE 11/4/2024

A

A

B

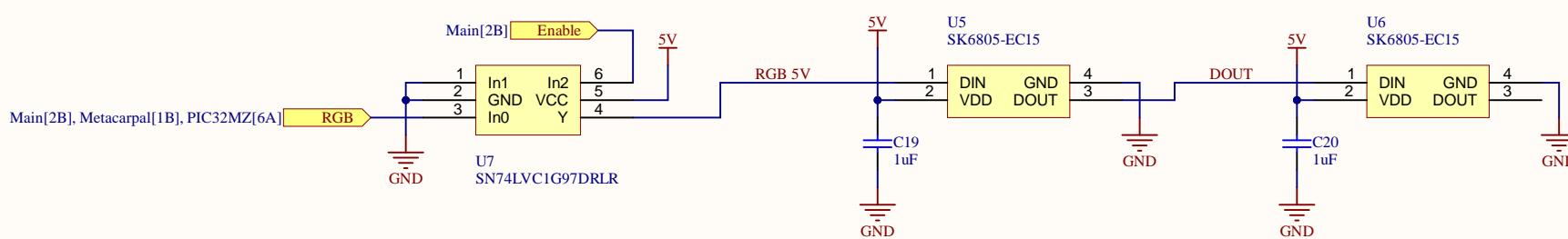
B

C

C

D

D



TITLE
LEDs.SchDoc

SIZE A4 PROJECT MICA Glove Carpus

VERSION v1.0

VARIANT [No Variations]

SHEET 5 OF 8

AUTHOR Seb Madgwick

DATE 11/4/2024

A

B

C

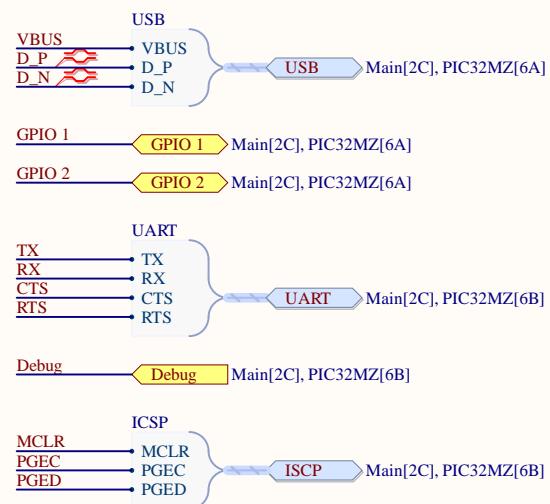
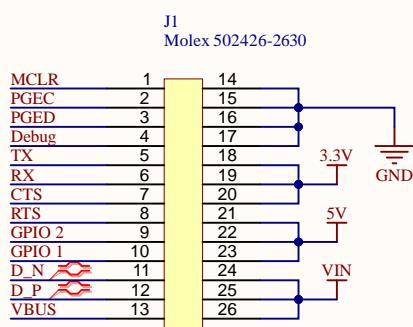
D

A

B

C

D



TITLE Host.SchDoc		
SIZE A4	PROJECT MICA Glove Carpus	VERSION v1.0
VARIANT [No Variations]	SHEET 6 OF 8	
AUTHOR Seb Madwick		DATE 11/4/2024

A

A

B

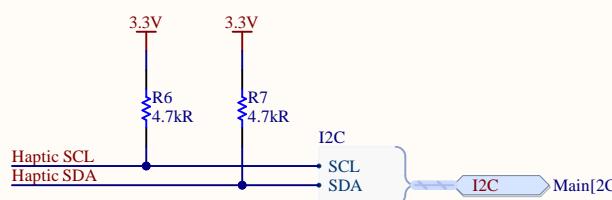
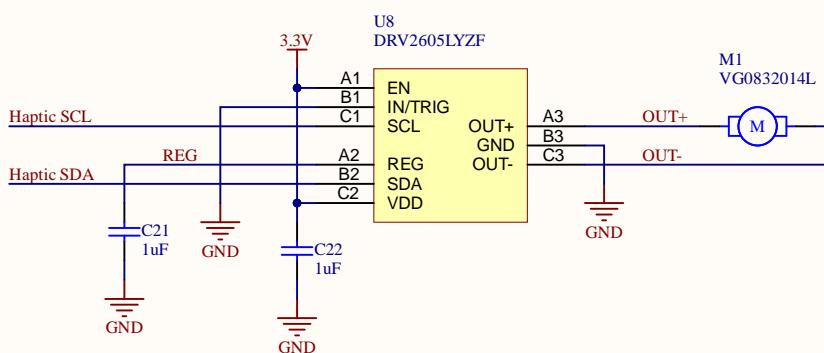
B

C

C

D

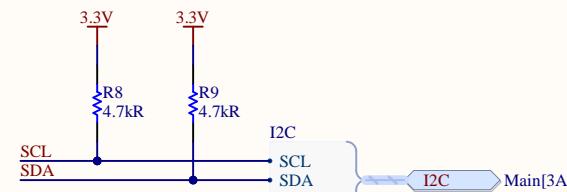
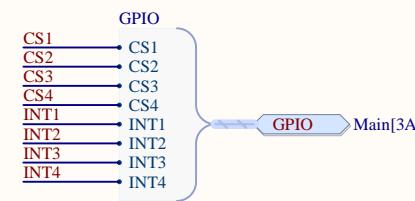
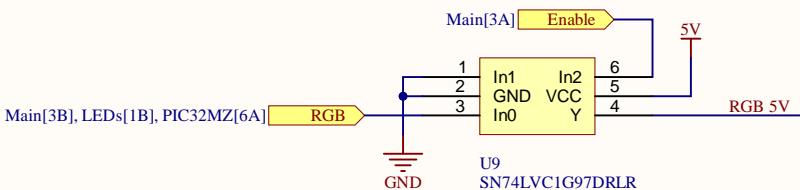
D



TITLE
Haptic.SchDoc

SIZE A4
PROJECT MICA Glove Carpus
VARIANT [No Variations]
AUTHOR Seb Madwick

VERSION v1.0
SHEET 7 OF 8
DATE 11/4/2024

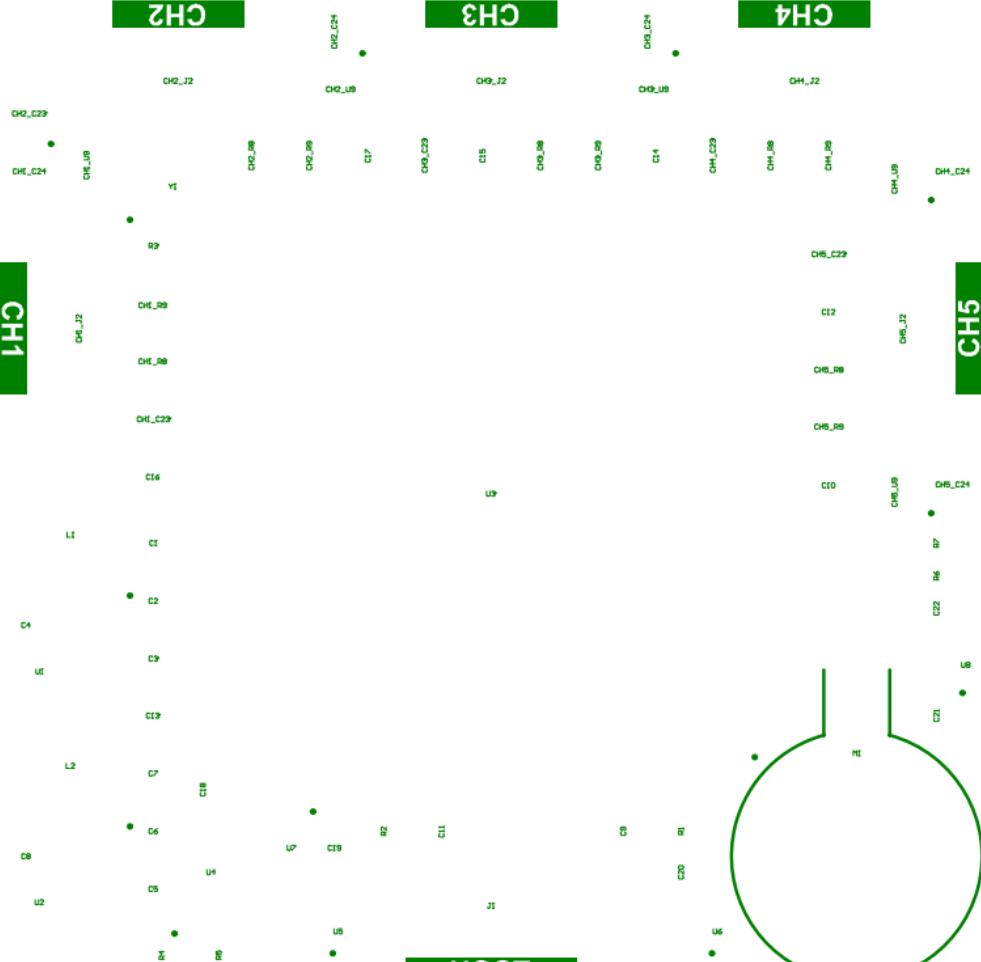


TITLE
Metacarpal.SchDoc

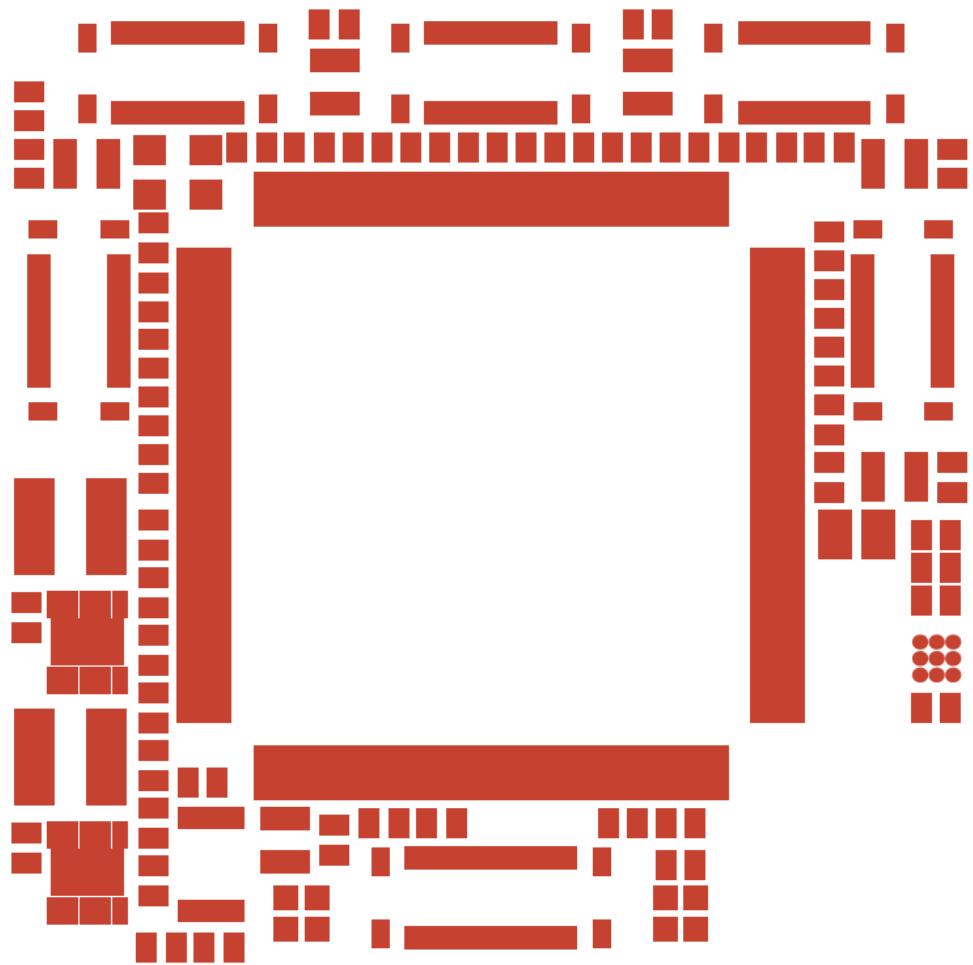
SIZE A4 PROJECT MICA Glove Carpus
VERSION v1.0

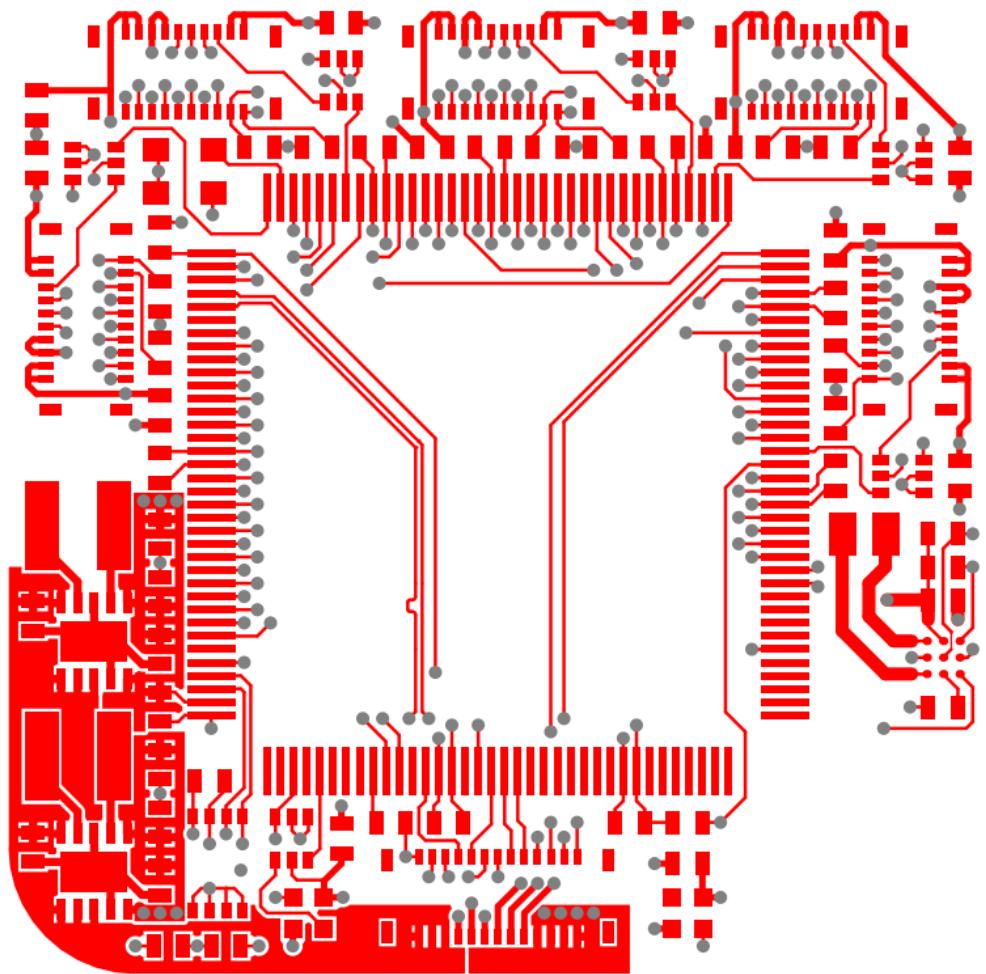
VARIANT [No Variations] SHEET 8 OF 8
AUTHOR Seb Madwick DATE 11/4/2024

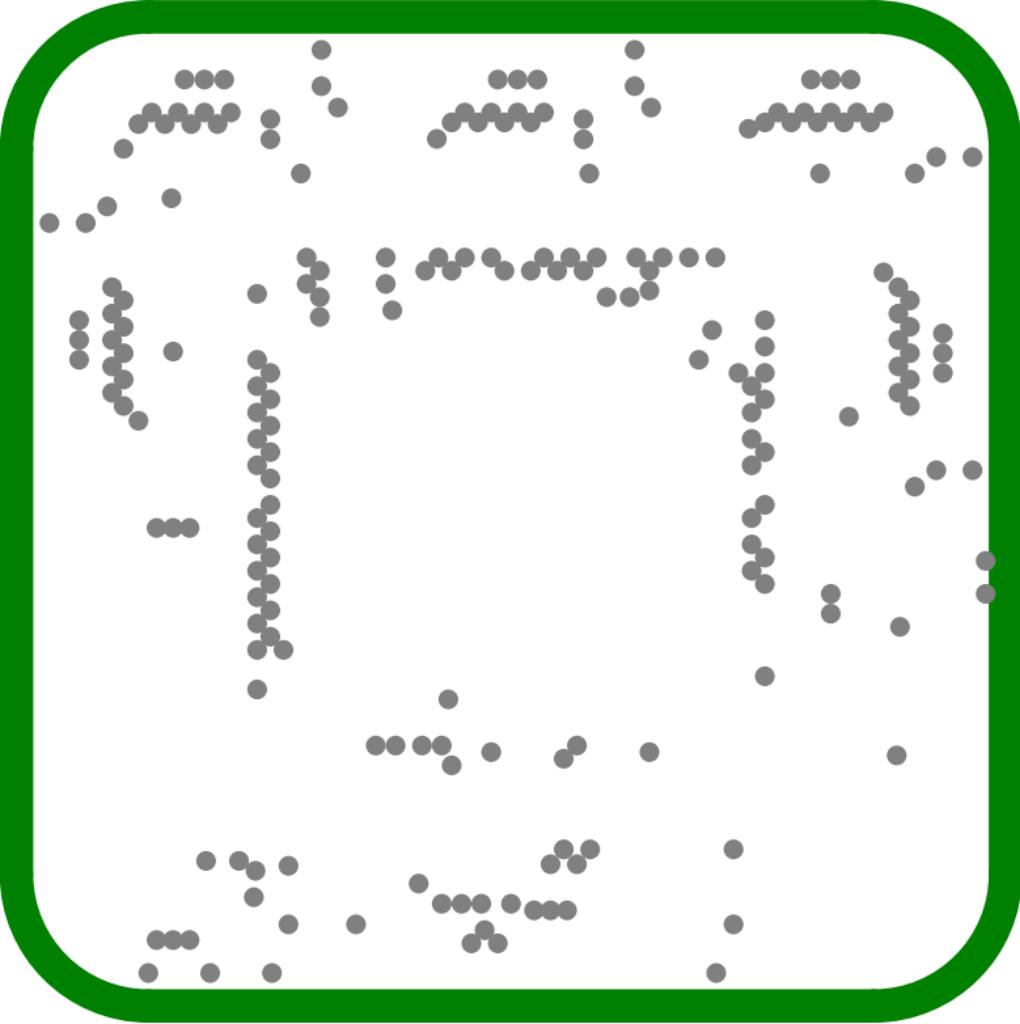
CH1

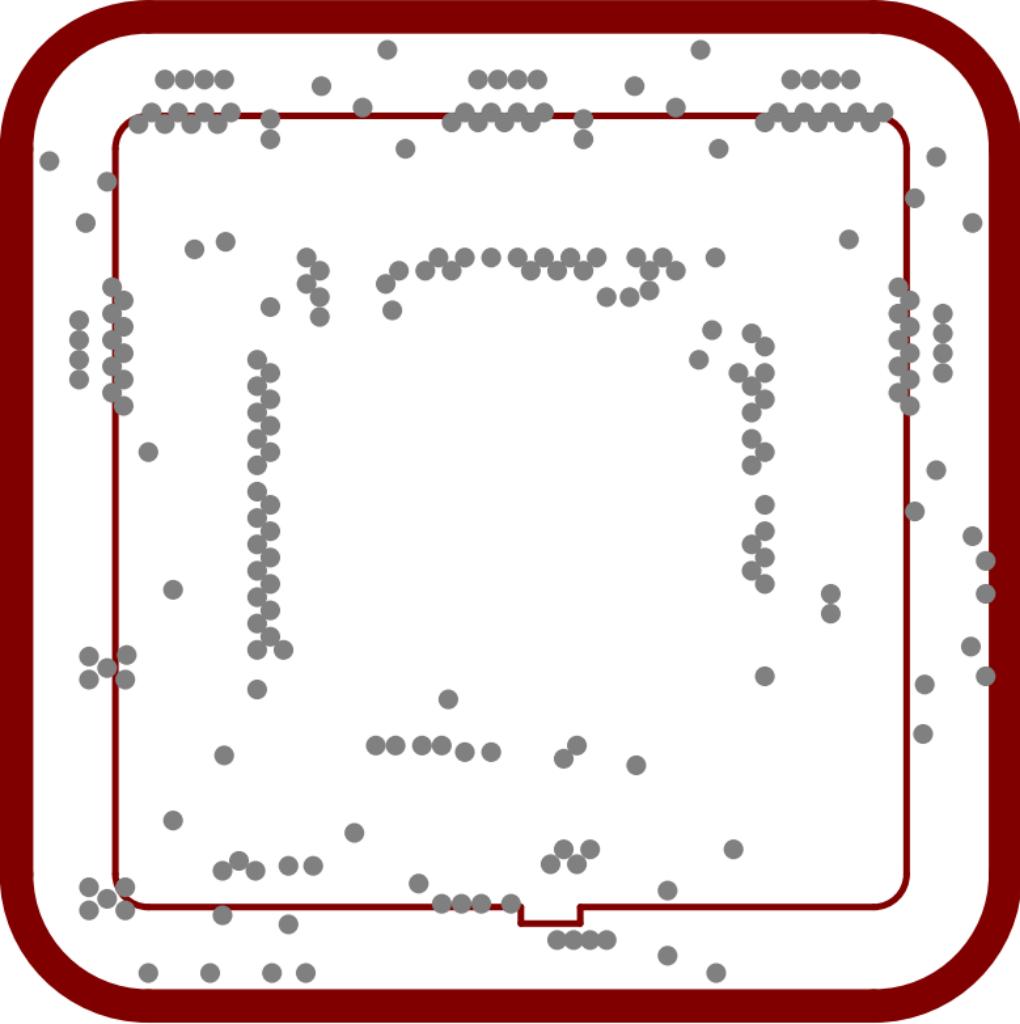


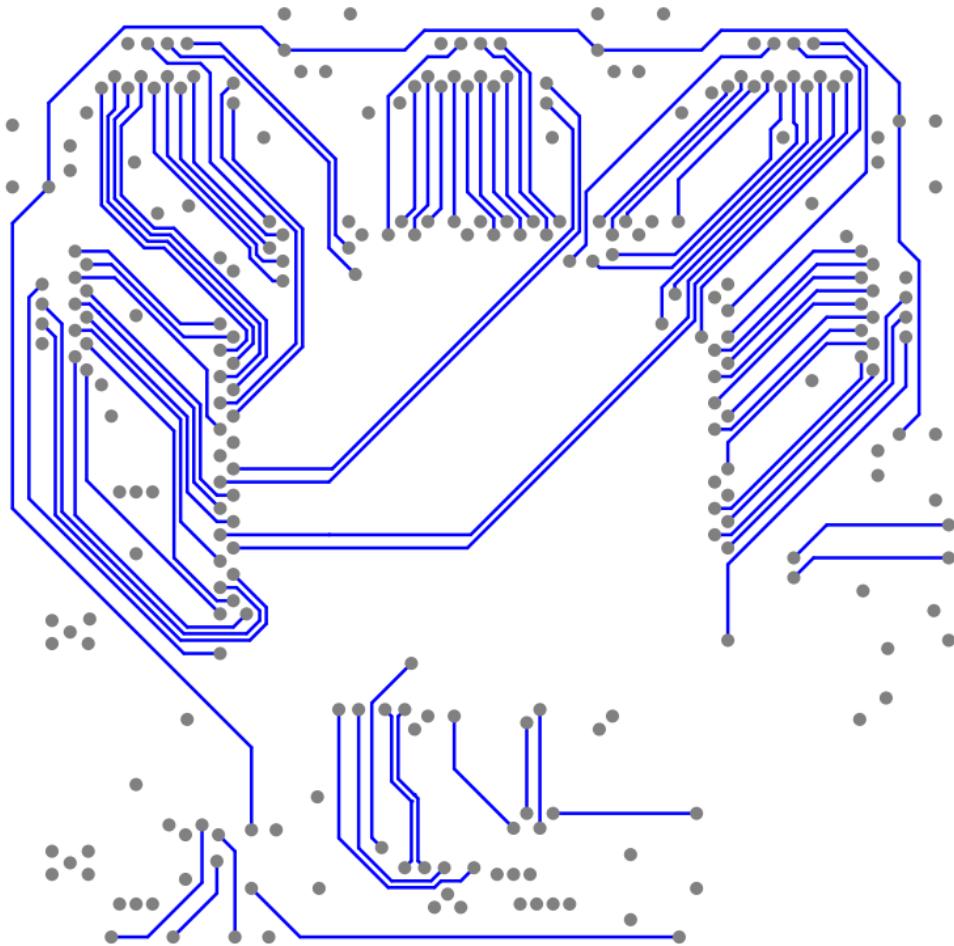
CH5



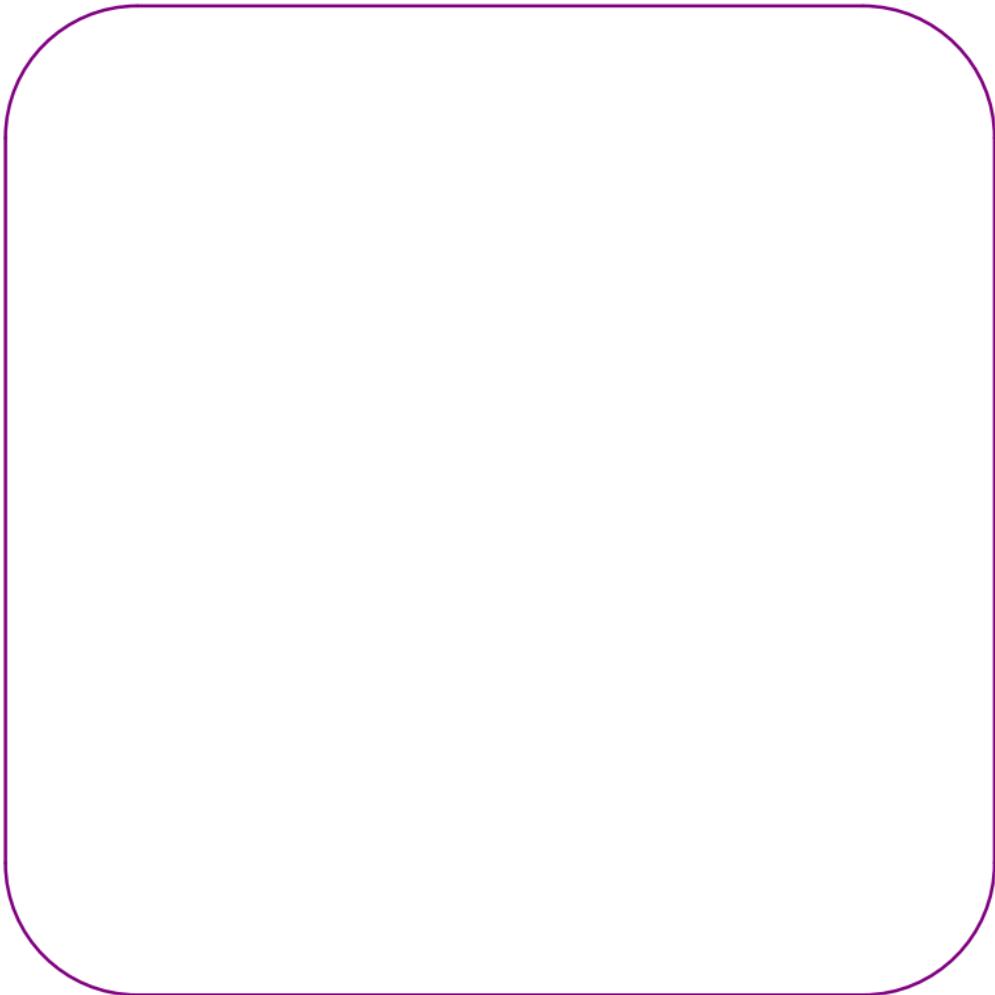


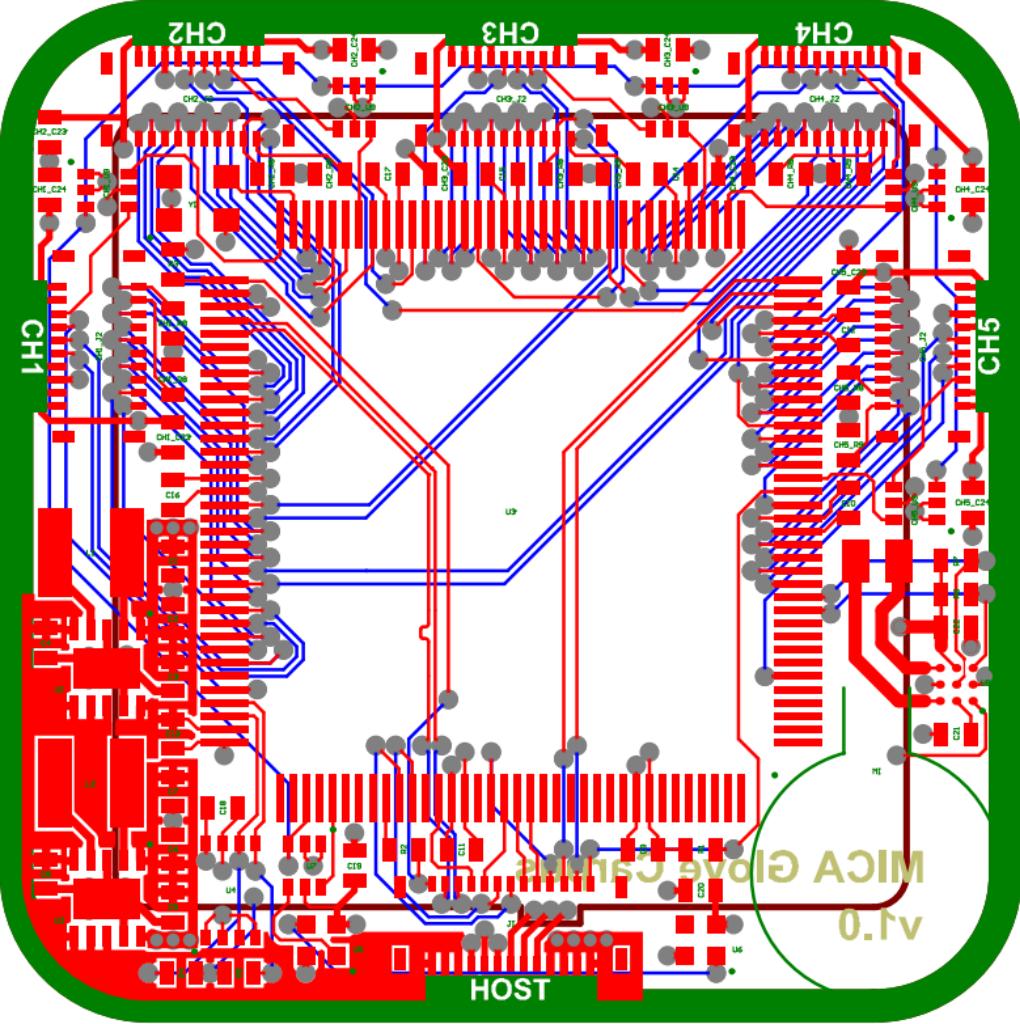


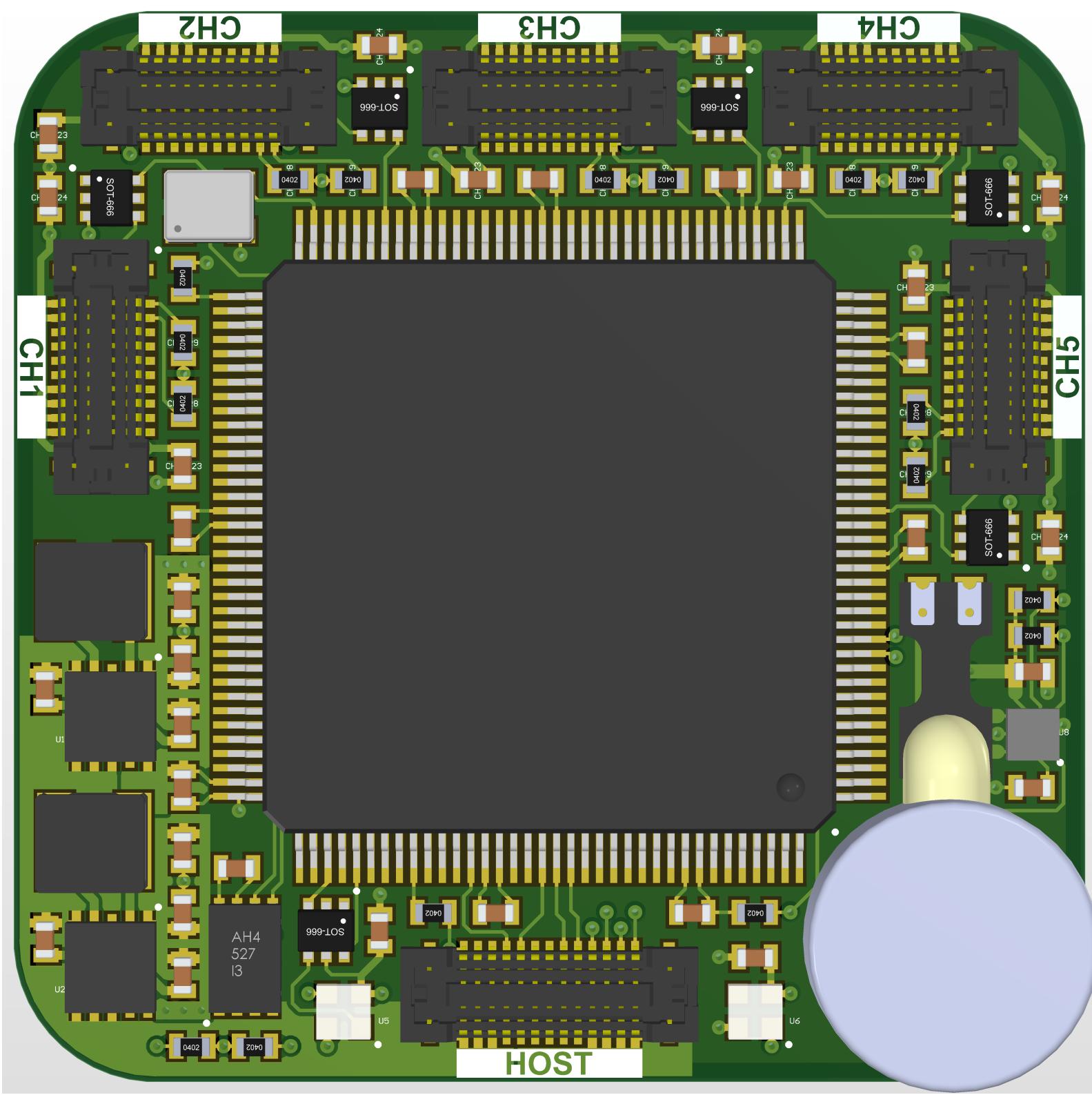


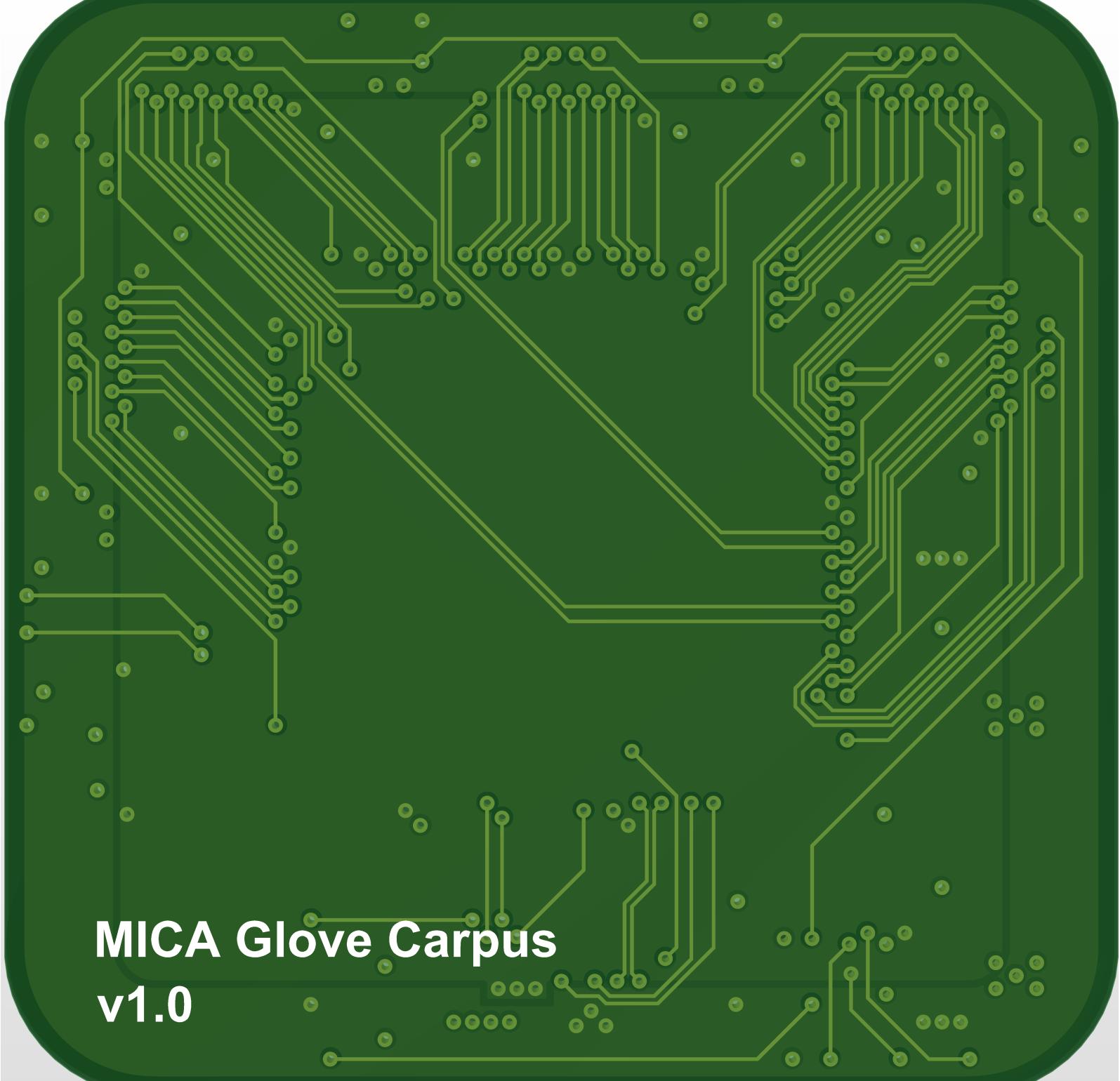


MICA Glove Cartridges
v1.0

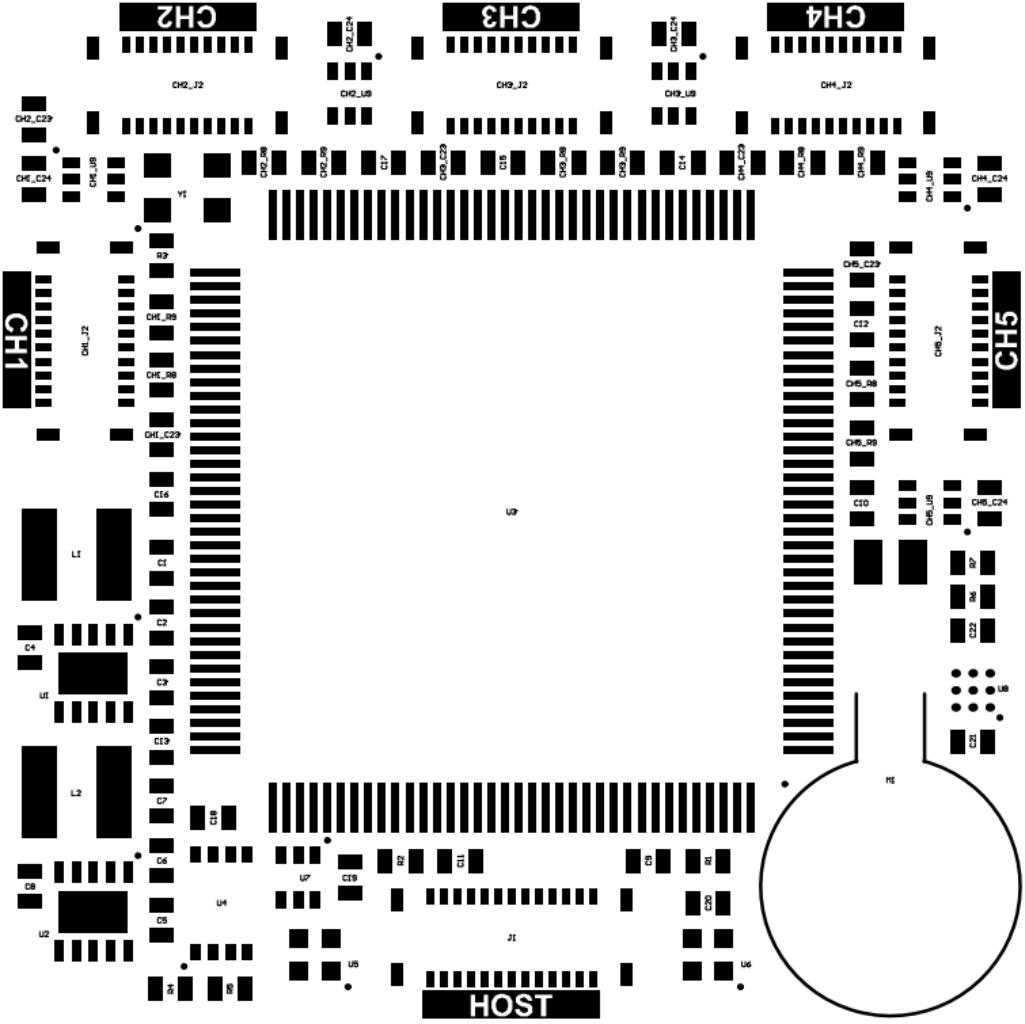








MICA Glove Carpus
v1.0



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