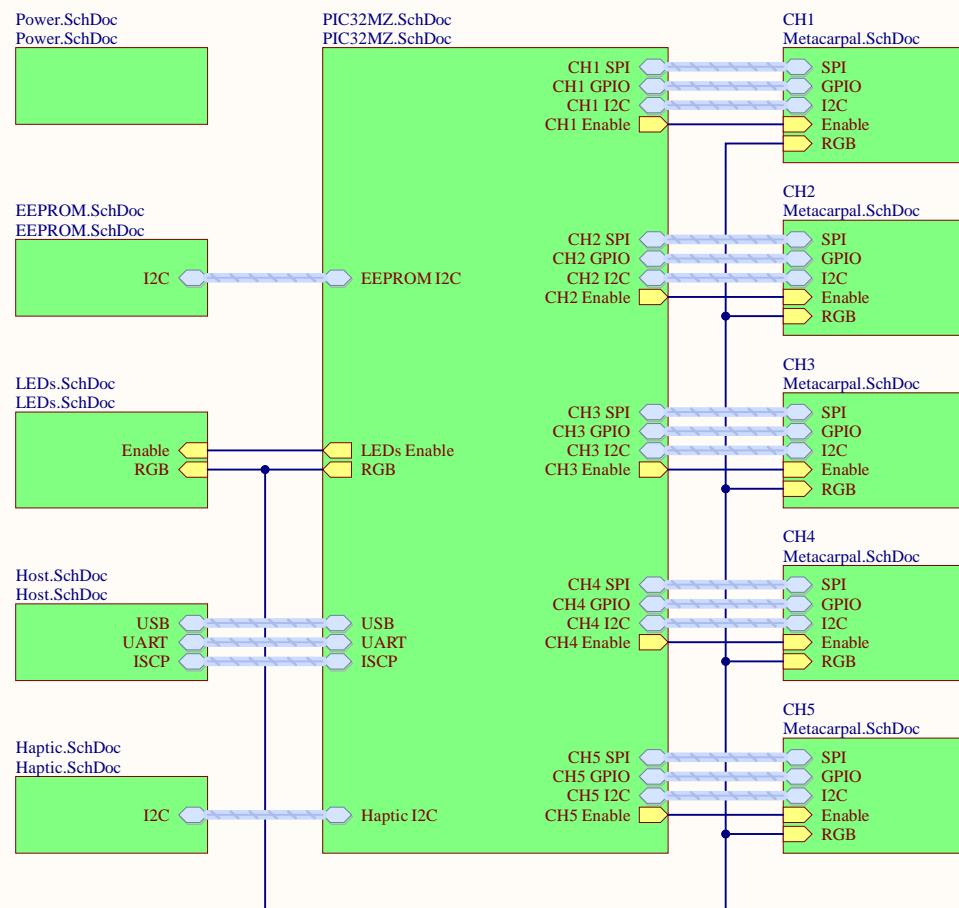


A



TITLE
Main.SchDoc

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

VARIANT **[No Variations]**

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

AUTHOR **Seb Madgwick**

DATE **25/06/2024**

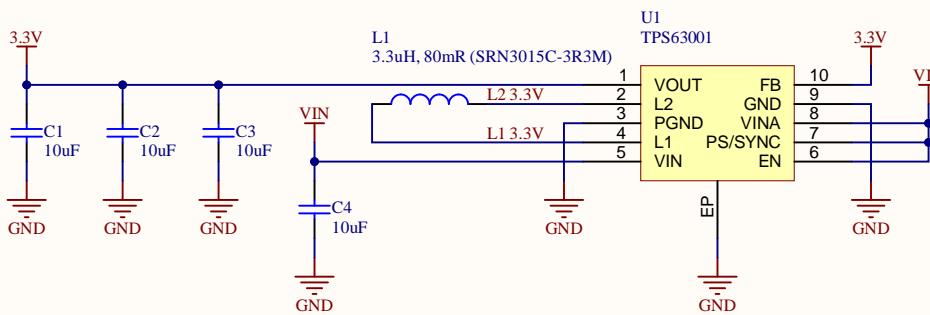
A

B

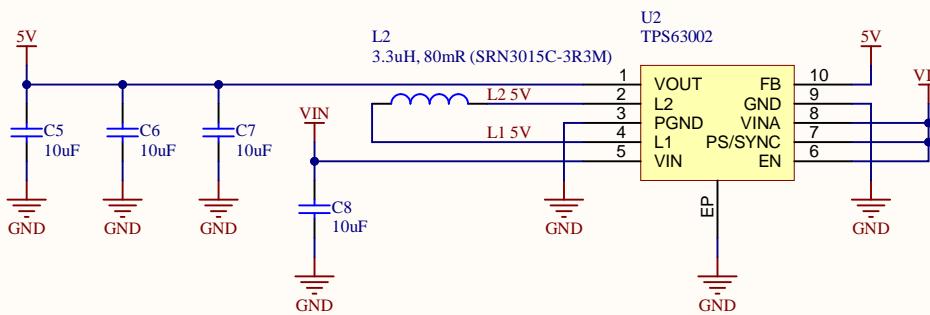
C

D

A

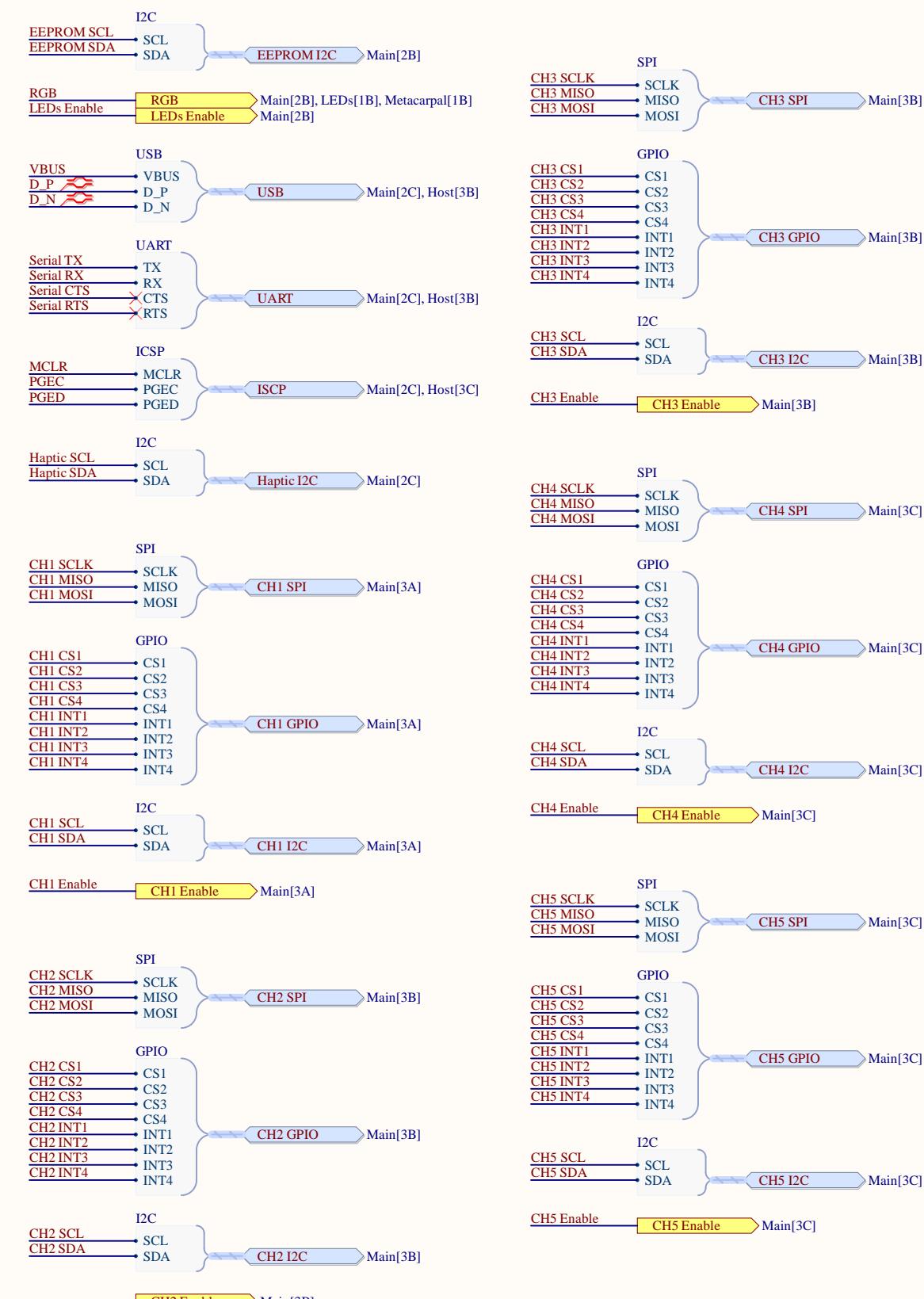
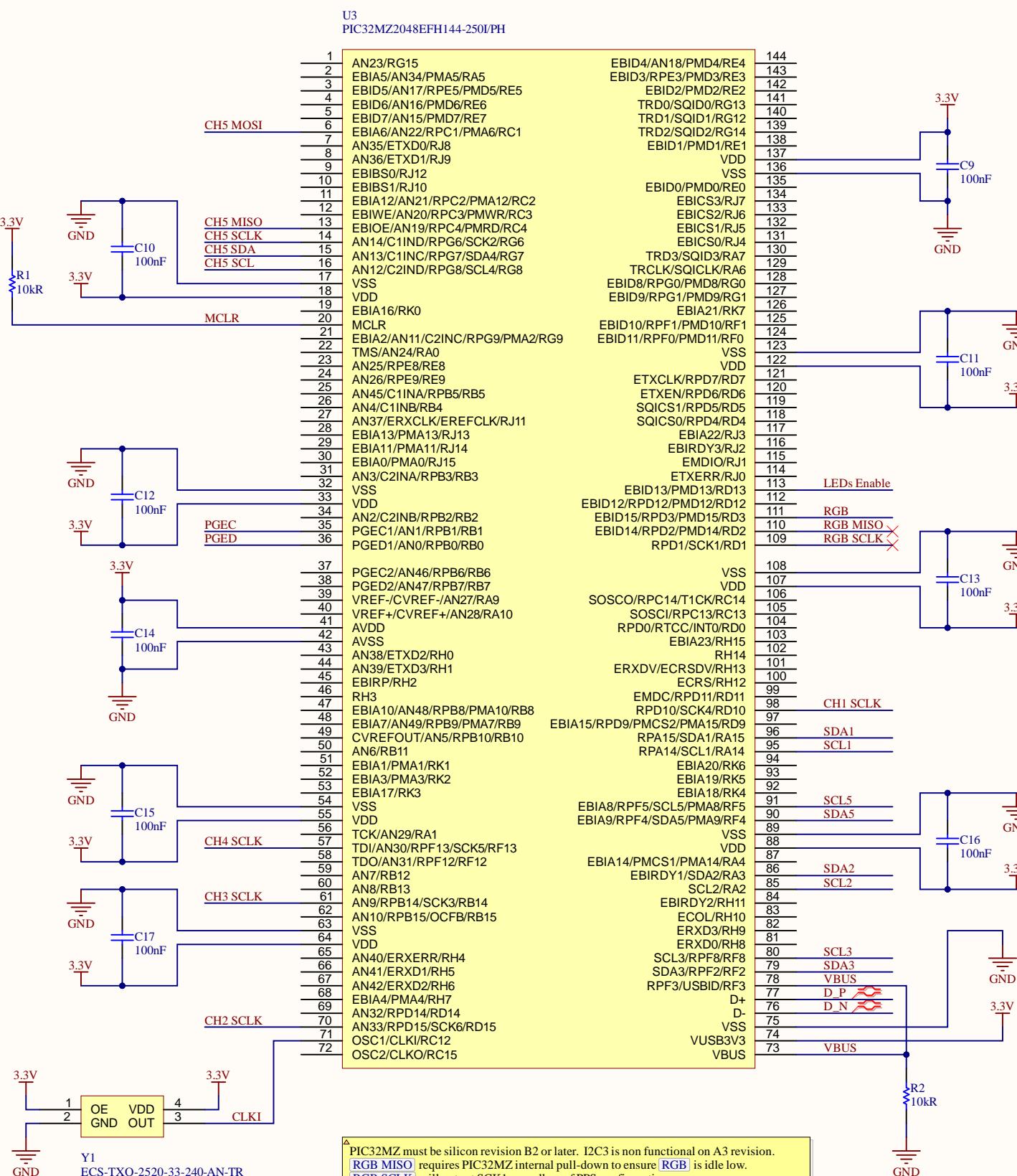


B



C

	TITLE		
	Power.SchDoc		
SIZE	PROJECT	VERSION	
A4	MICA Glove Carpus	v1.0	
VARIANT	[No Variations]	SHEET	2 OF 8
AUTHOR	Seb Madwick	DATE	25/06/2024



A

A

B

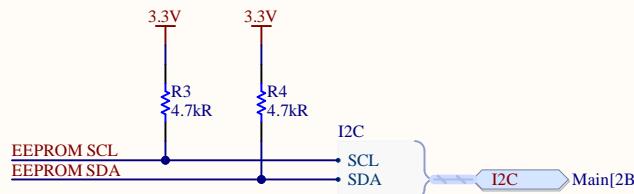
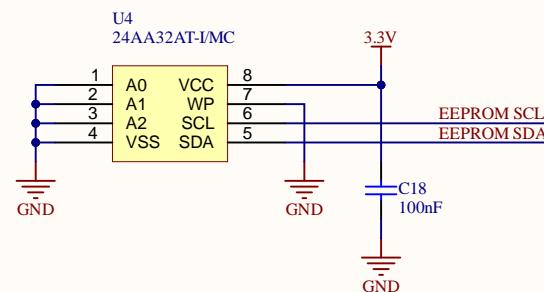
B

C

C

D

D



TITLE		
EEPROM.SchDoc		
SIZE	PROJECT	VERSION
A4	MICA Glove Carpus	v1.0
VARIANT	[No Variations]	SHEET 4 OF 8
AUTHOR	Seb Madwick	DATE 25/06/2024

A

A

B

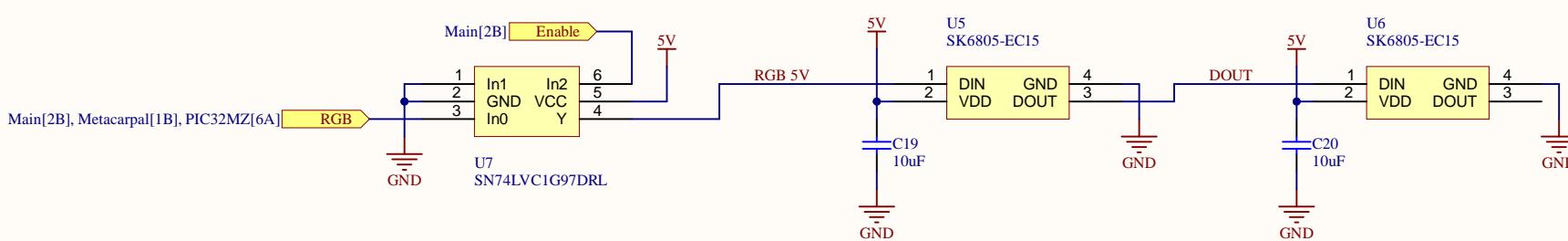
B

C

C

D

D



TITLE		
LEDs.SchDoc		
SIZE		
A4	PROJECT	VERSION
	MICA Glove Carpus	v1.0
VARIANT	[No Variations]	SHEET 5 OF 8
AUTHOR	Seb Madgwick	DATE 25/06/2024

A

A

B

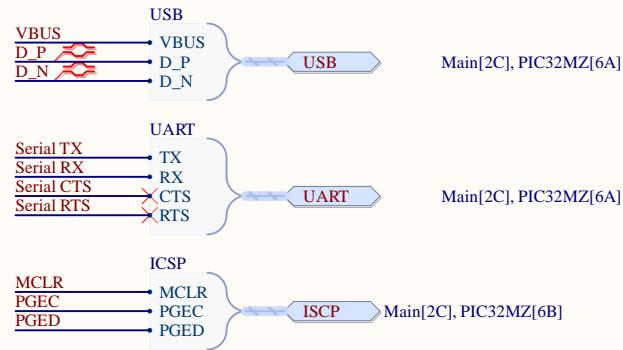
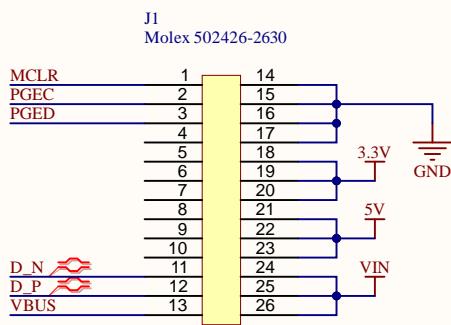
B

C

C

D

D

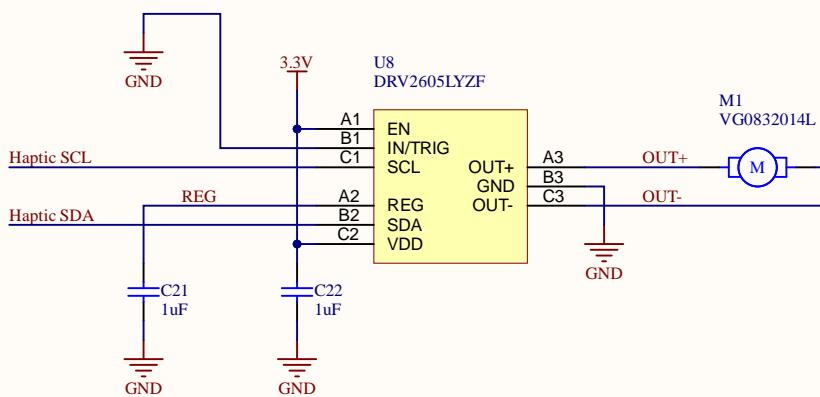


TITLE Host.SchDoc		
SIZE A4	PROJECT MICA Glove Carpus	VERSION v1.0
VARIANT [No Variations]	SHEET 6 OF 8	
AUTHOR Seb Madwick		DATE 25/06/2024

A

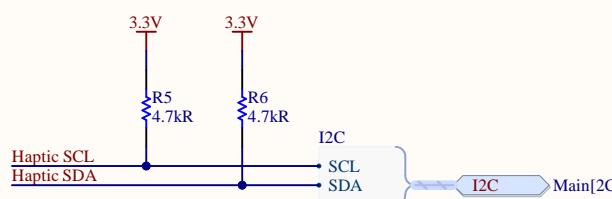
A

TODO: DRV2605L



B

B



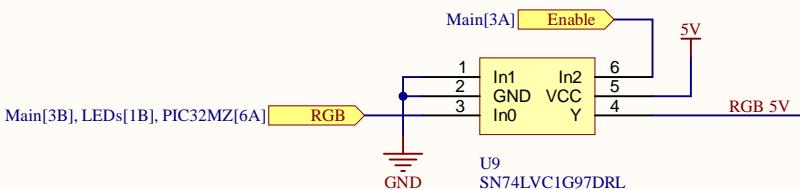
C

C

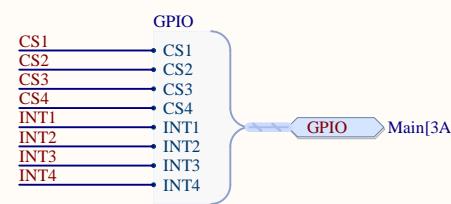
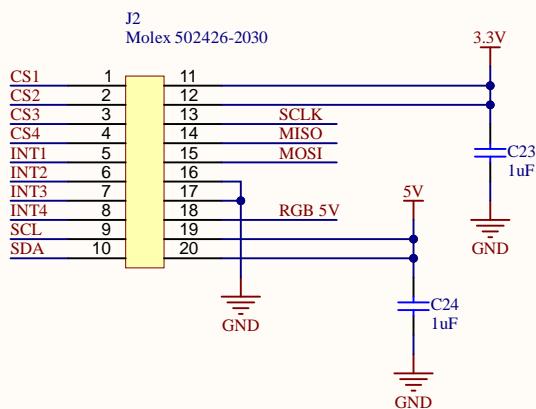


TITLE		
Haptic.SchDoc		
SIZE	VERSION	
A4	v1.0	
MICA Glove Carpus		
VARIANT [No Variations]	SHEET 7 OF 8	
AUTHOR Seb Madwick		DATE 25/06/2024

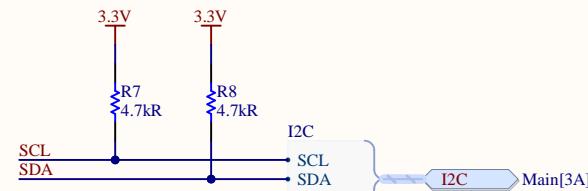
A



B



C



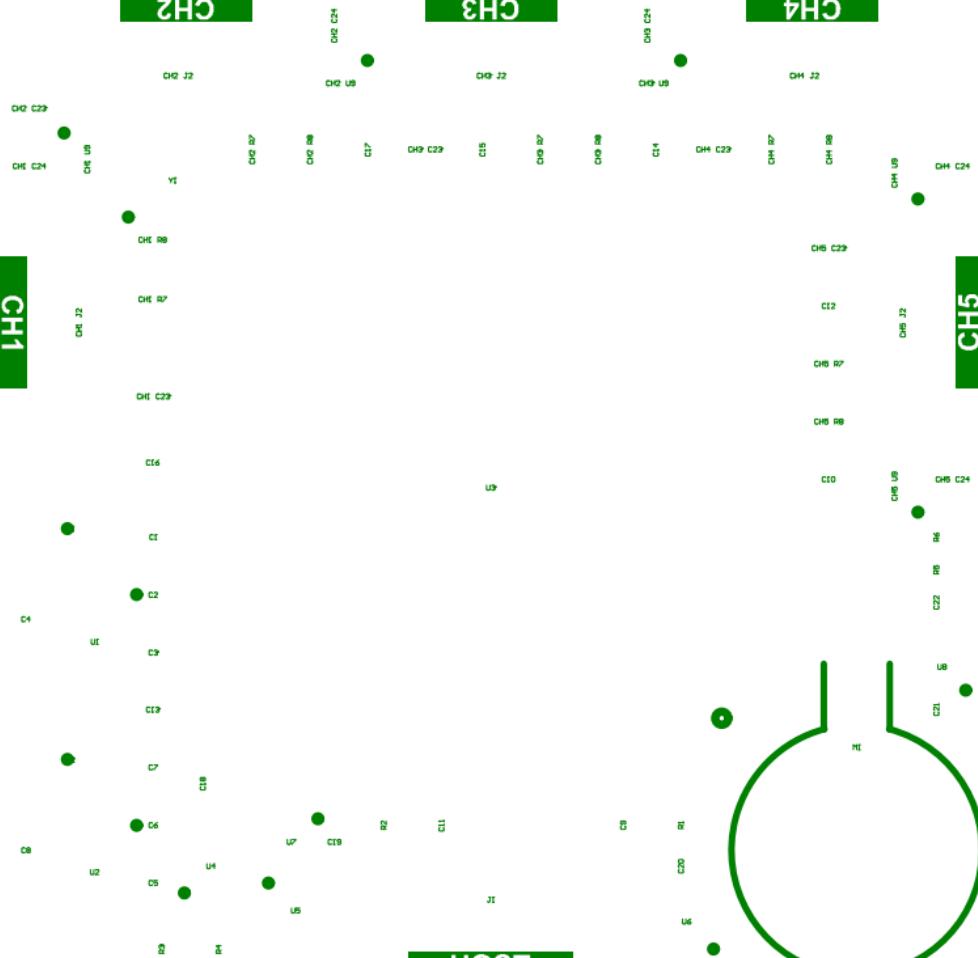
D

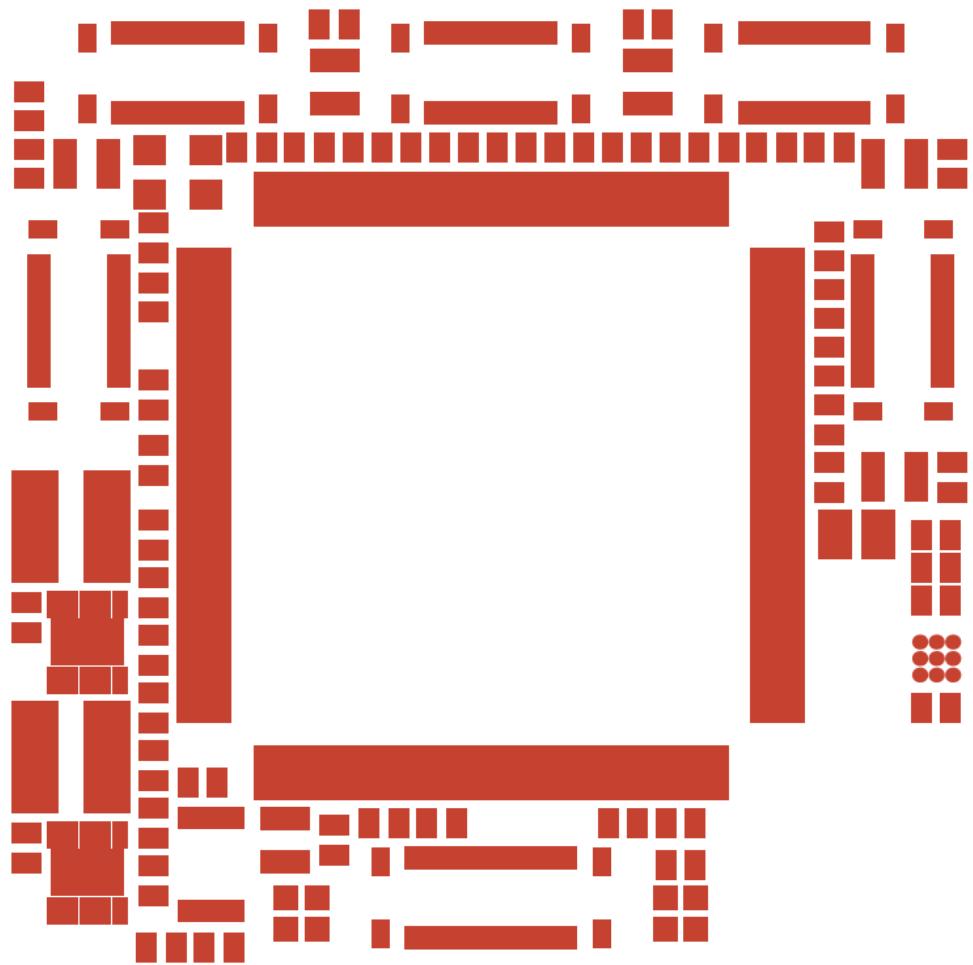


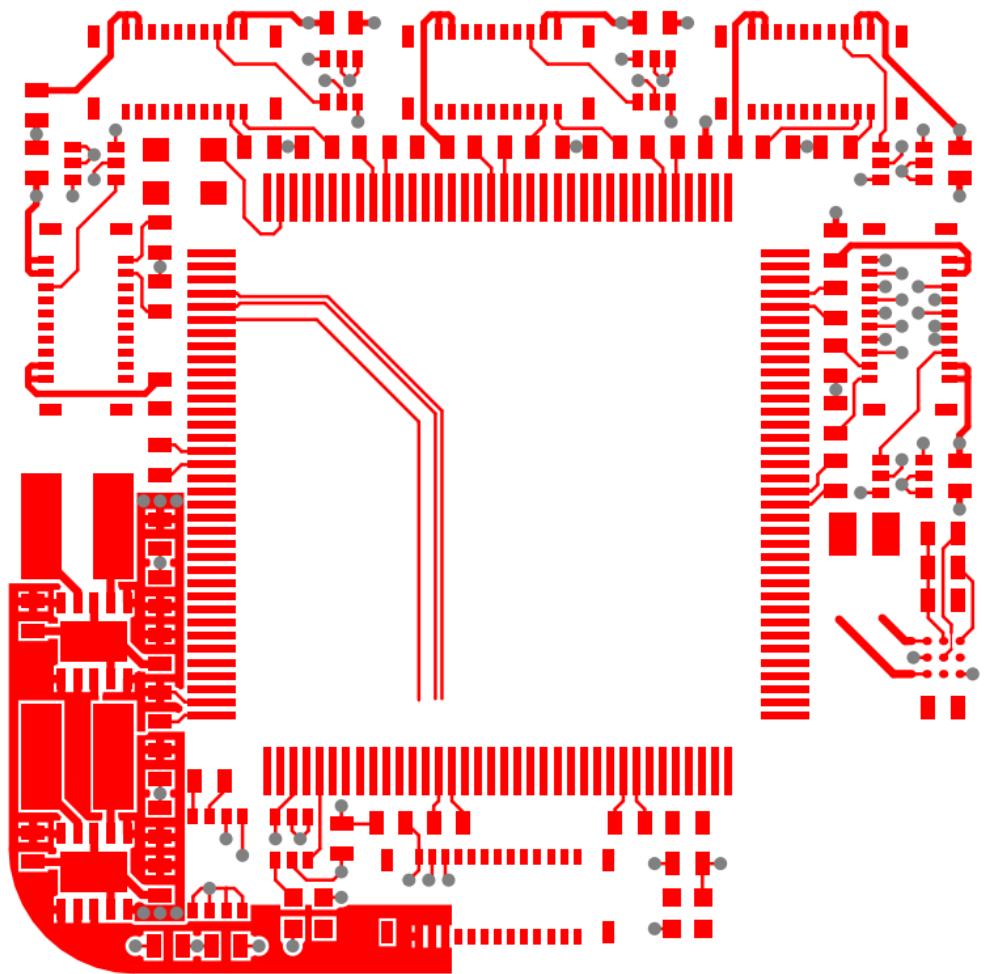
TITLE
Metacarpal.SchDoc

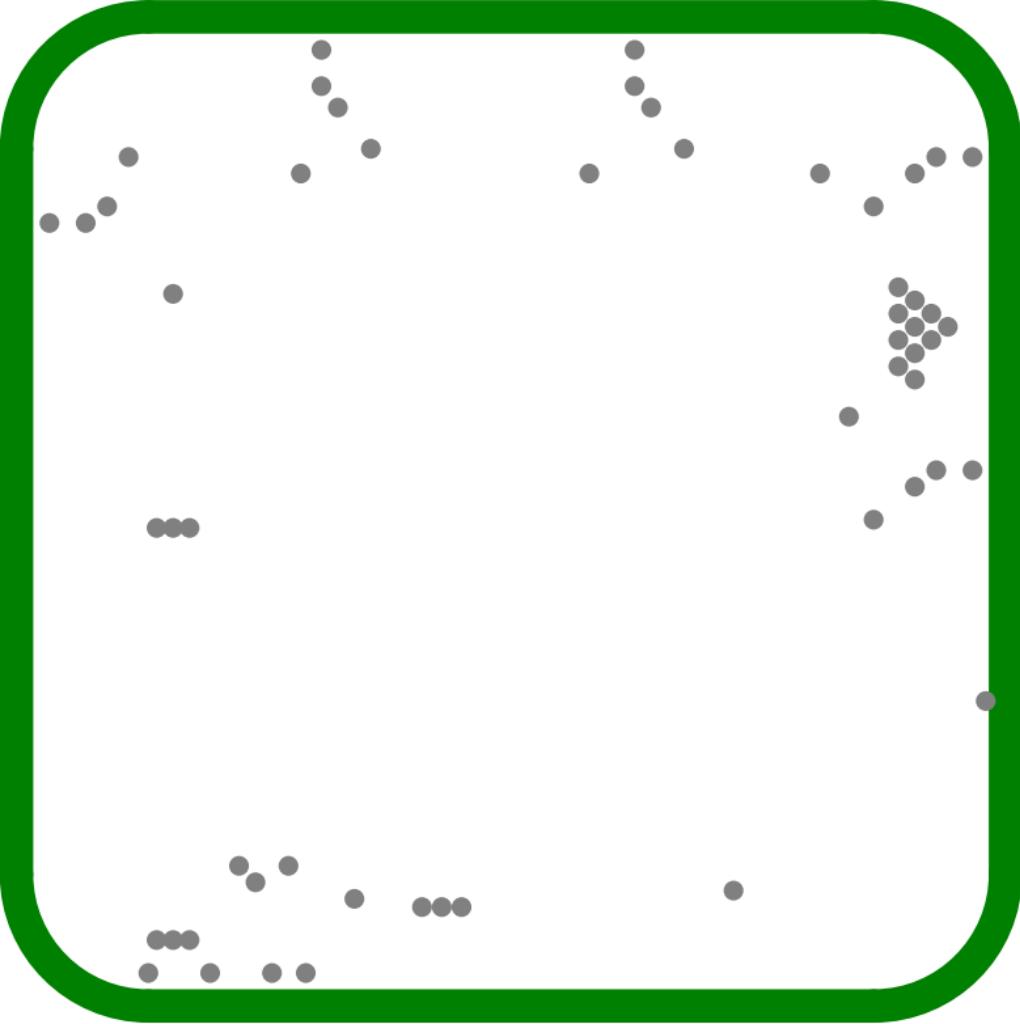
SIZE A4 PROJECT MICA Glove Carpus
VERSION v1.0
VARIANT [No Variations] SHEET 8 OF 8
AUTHOR Seb Madwick DATE 25/06/2024

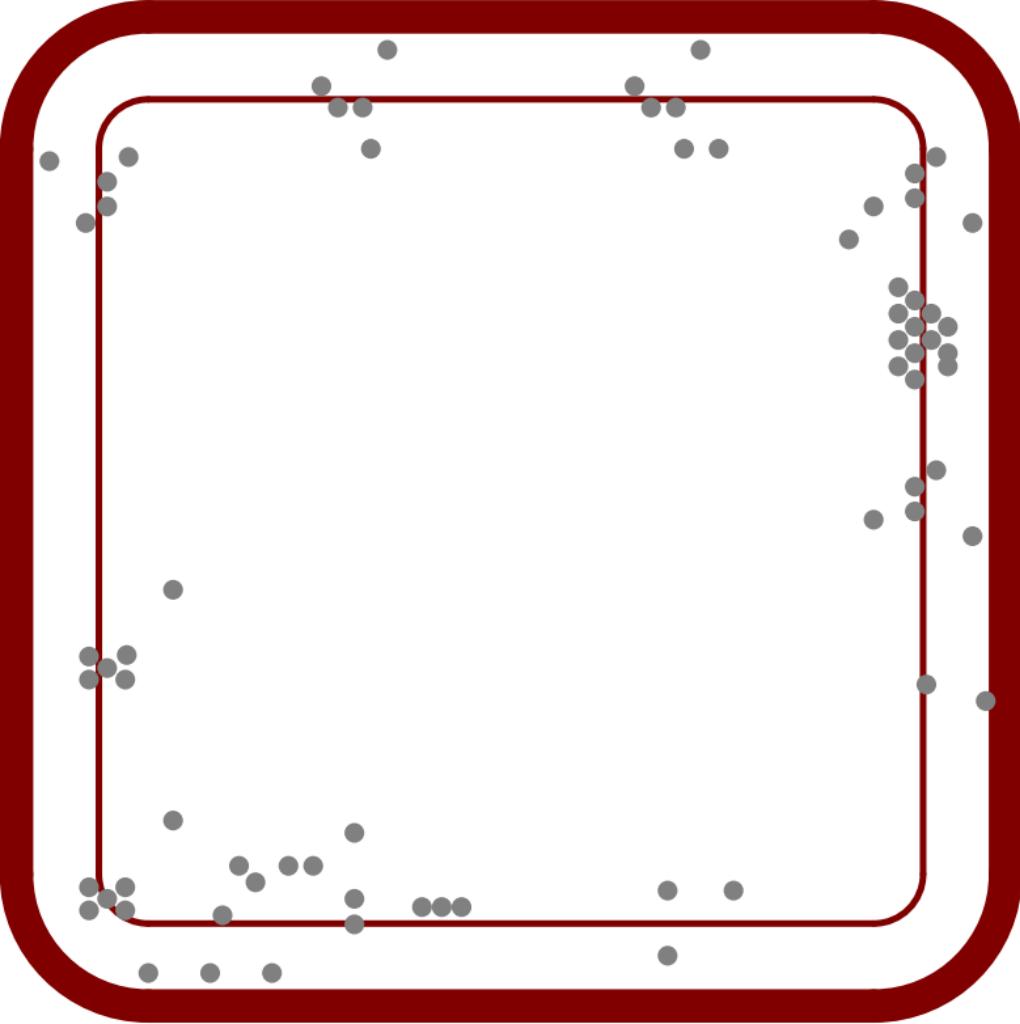
CH1

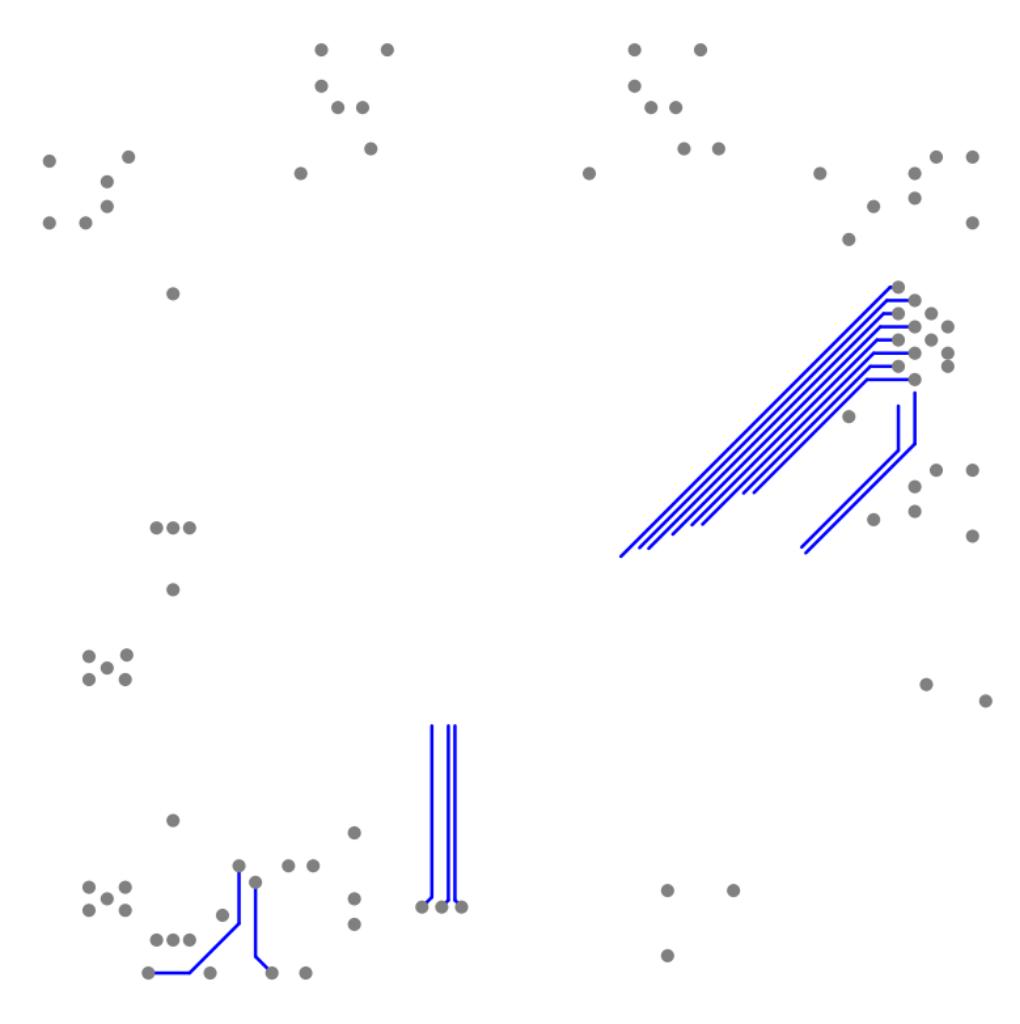


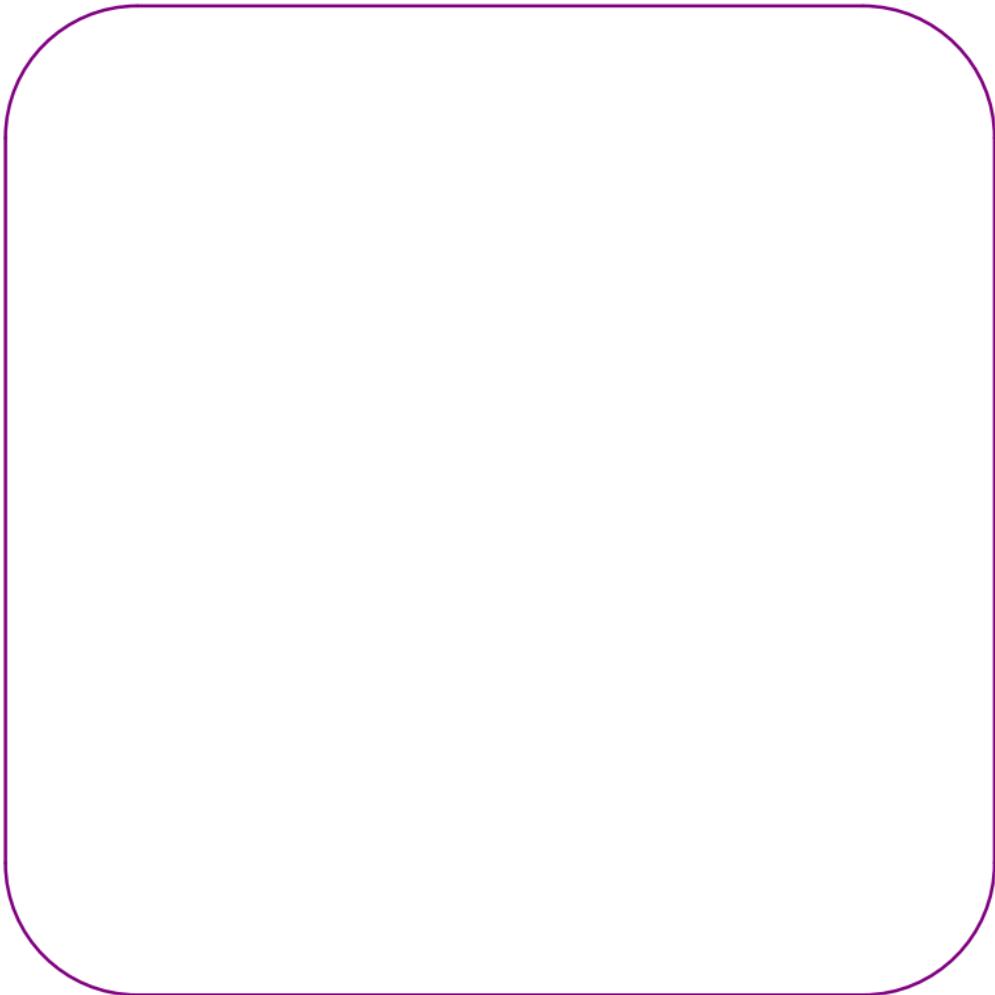


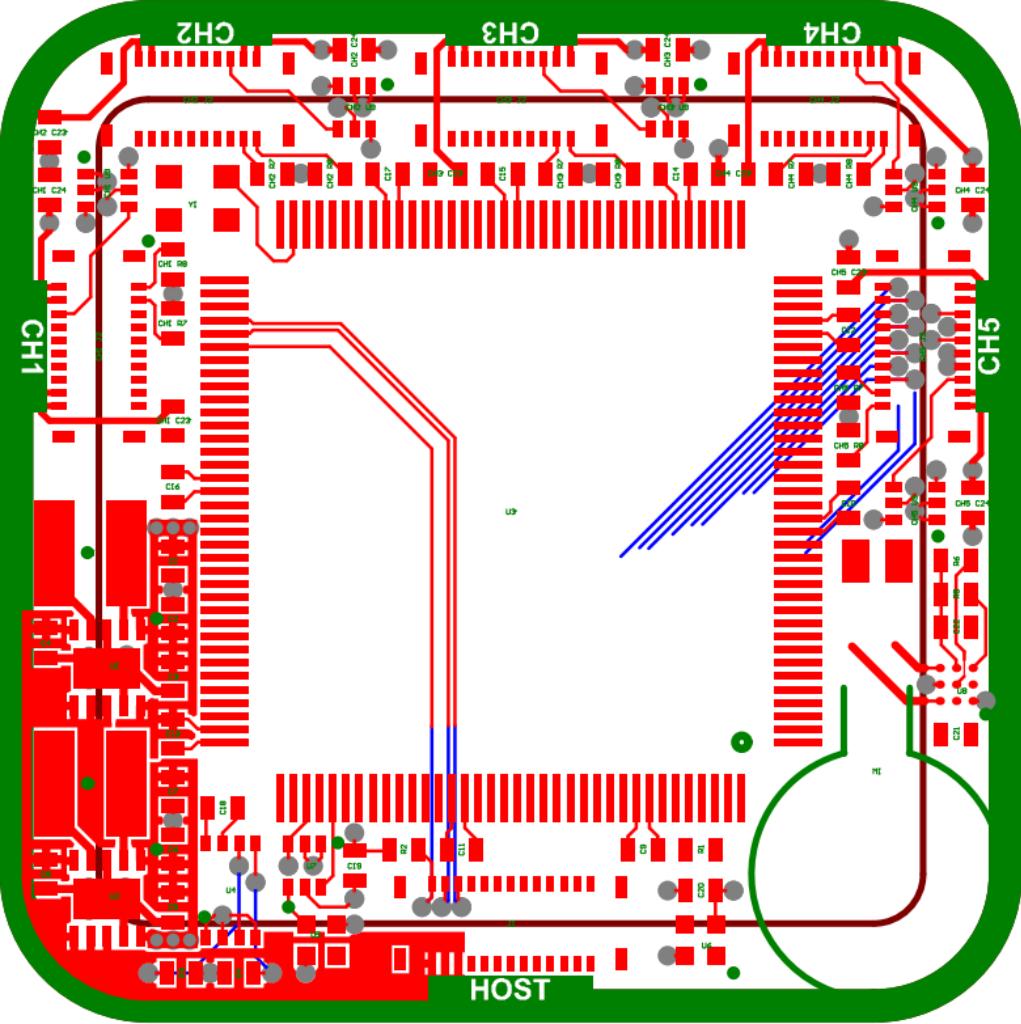


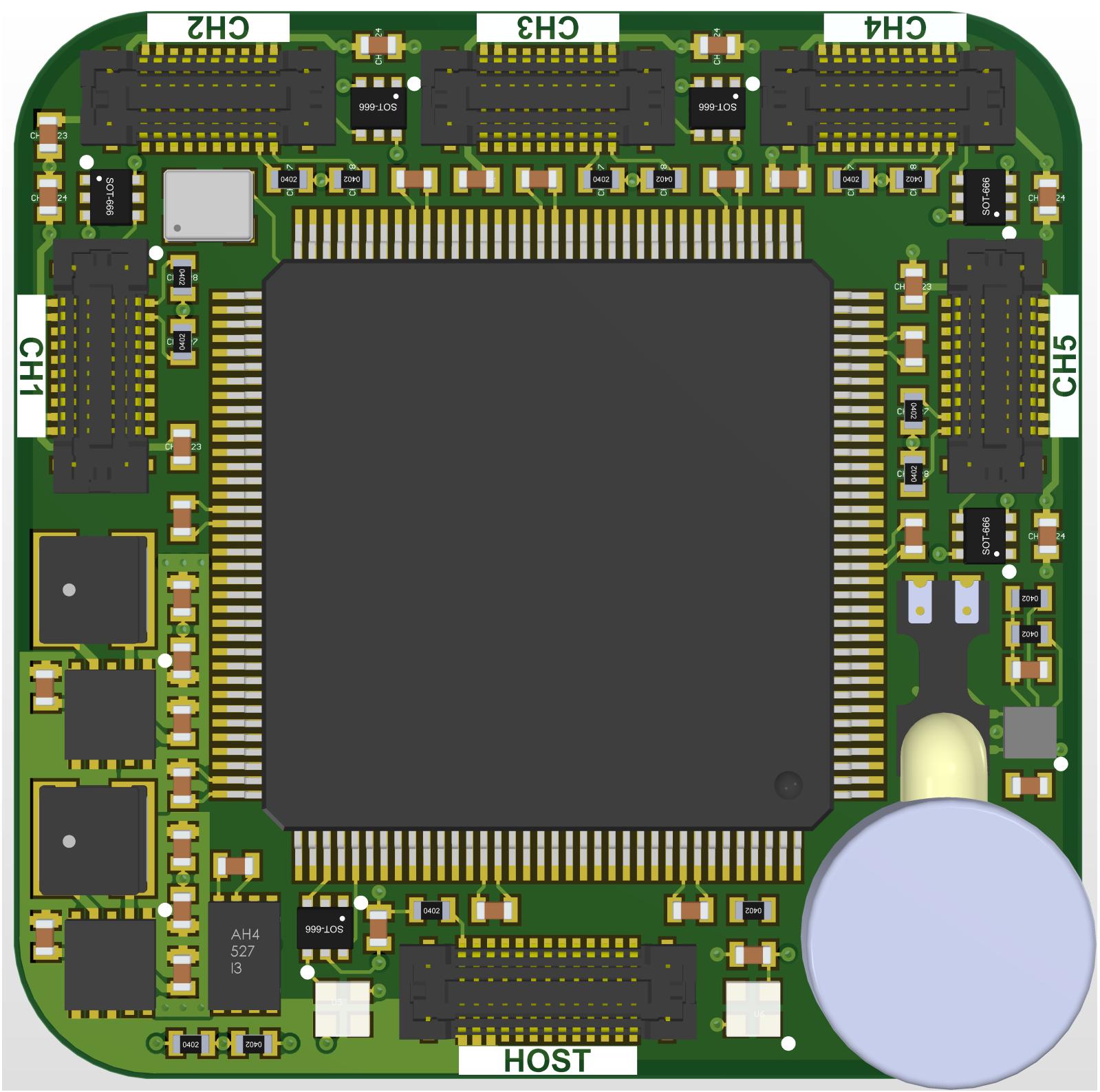


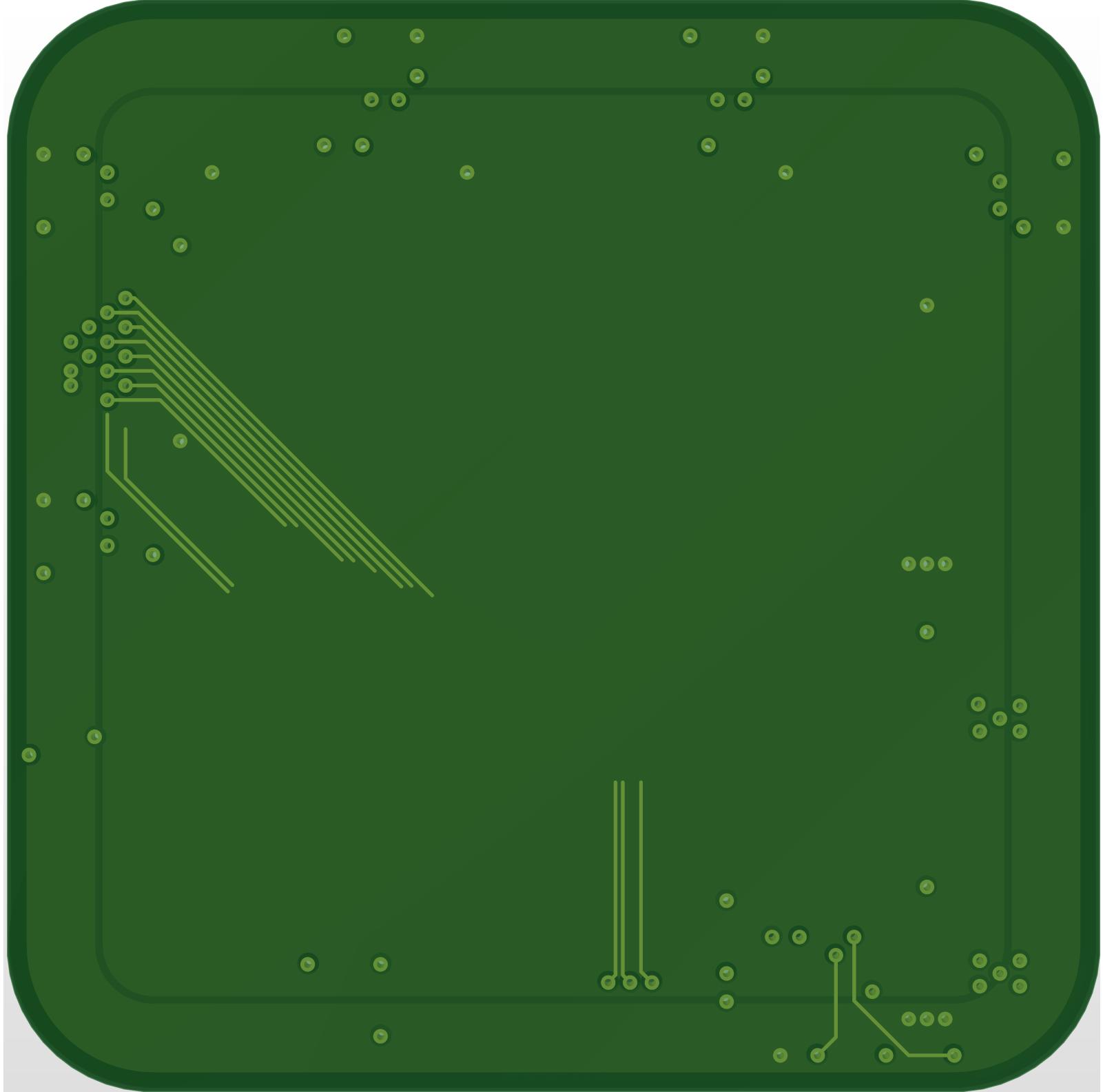


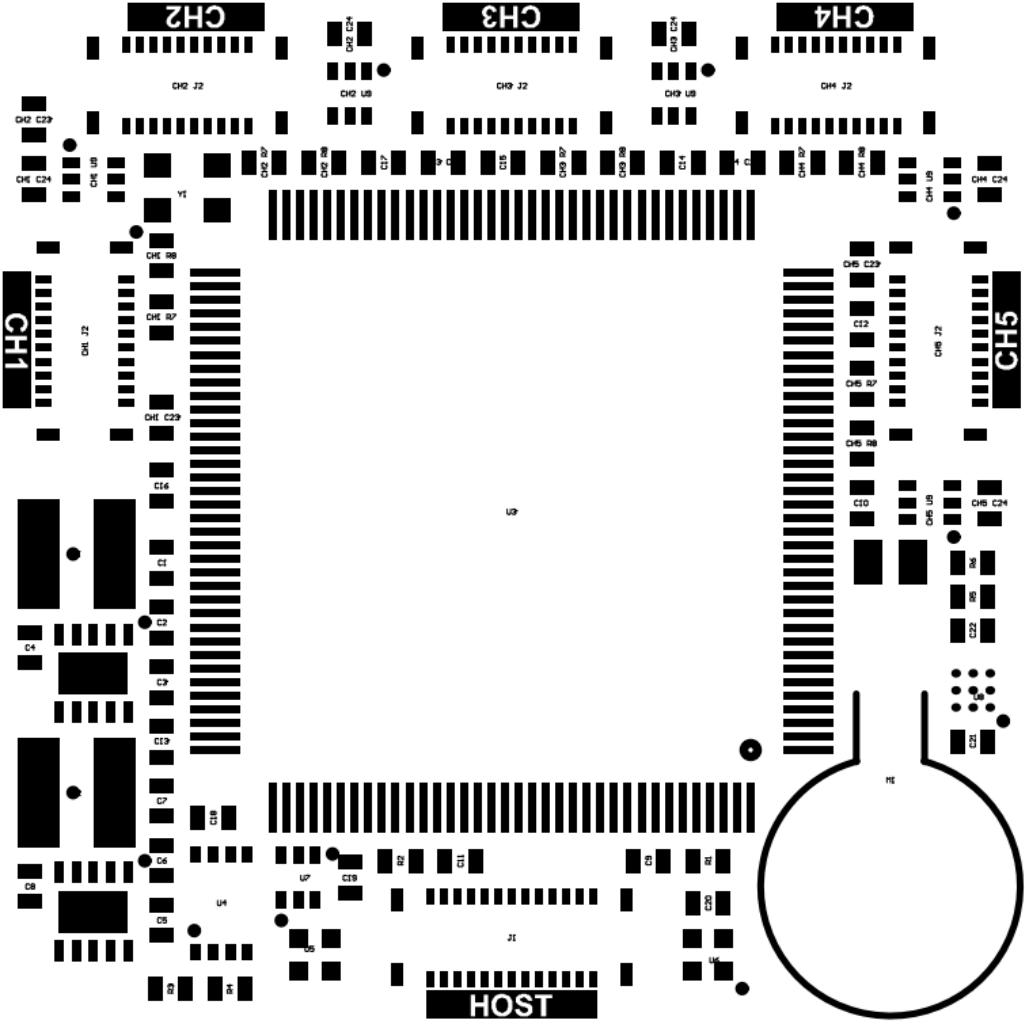












Designator	Quantity	Comment	Footprint
C1, C2, C3, C4, C5, C6, C7, C8, C19, C20	10	10uF	Capacitor 0402
C9, C10, C11, C12, C13, C14, C15, C16, C17, C18	10	100nF	Capacitor 0402
C21, C22, CH1 C23, CH1 C24, CH2 C23, CH2 C24, CH3 C23, CH3 C24, CH4 C23, CH4 C24, CH5 C23, CH5 C24	12	1uF	Capacitor 0402
CH1 J2, CH2 J2, CH3 J2, CH4 J2, CH5 J2	5	Molex 502426-2030	Molex 502426-2030
CH1 R7, CH1 R8, CH2 R7, CH2 R8, CH3 R7, CH3 R8, CH4 R7, CH4 R8, CH5 R7, CH5 R8, R3, R4, R5, R6	14	4.7kR	Resistor 0402
CH1 U9, CH2 U9, CH3 U9, CH4 U9, CH5 U9, U7	6	SN74LVC1G97DRL	SOT-666
J1	1	Molex 502426-2630	Molex 502426-2630
L1, L2	2	3.3uH, 80mR (SRN3015C-3R3M)	LQH3NPN
M1	1	VG0832014L	VG0832014L
R1, R2	2	10kR	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