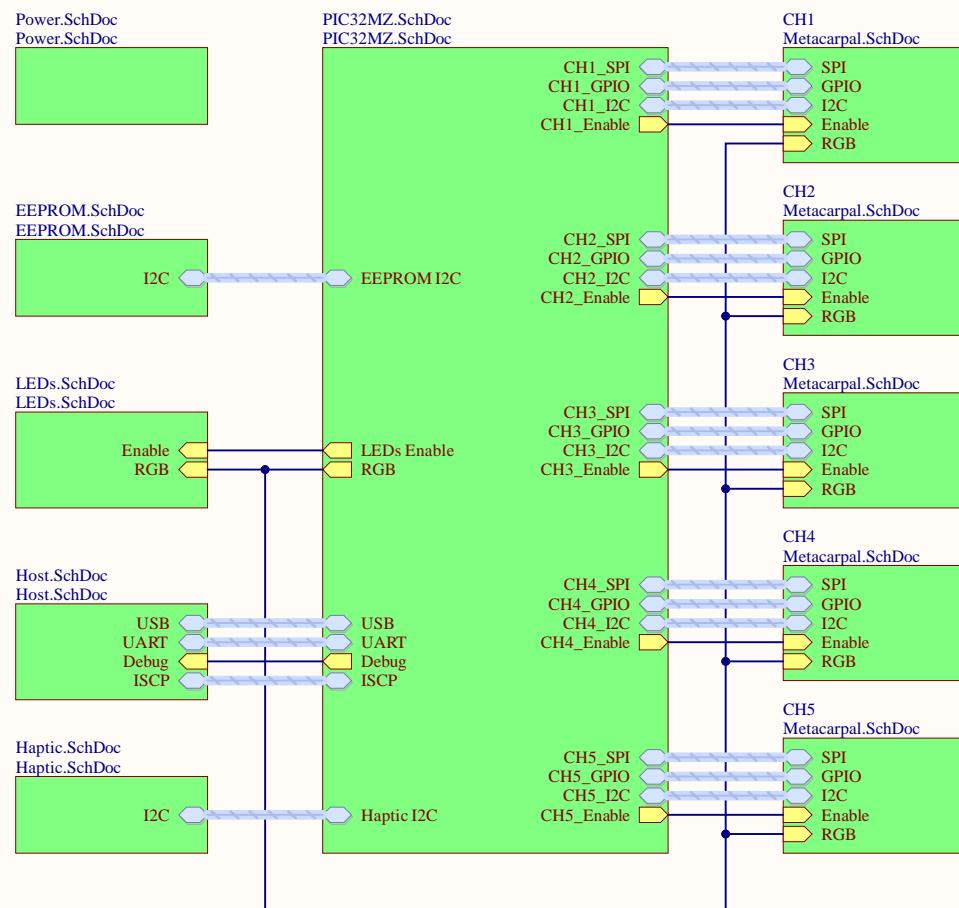


A



B

C

D

A

B

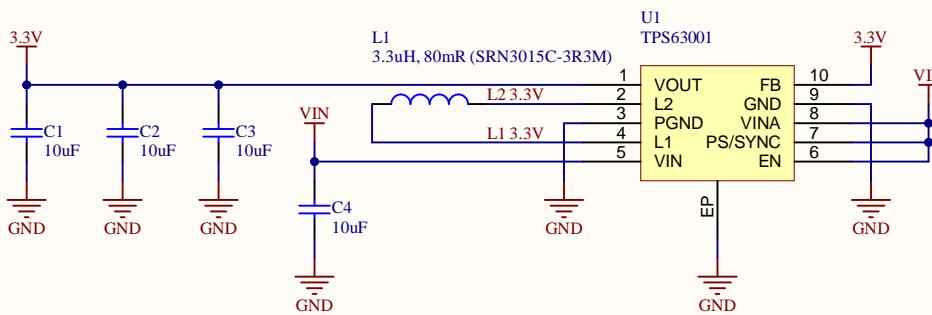
C

D

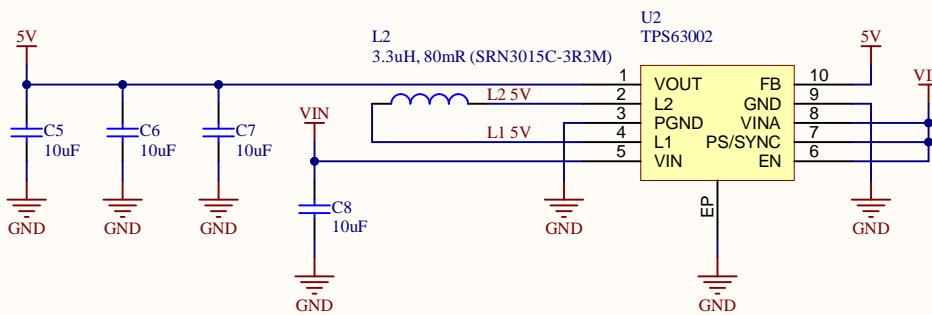


| TITLE | | Main.SchDoc | VERSION |
|---------|-----------------|-------------------|------------|
| SIZE | PROJECT | MICA Glove Carpus | v1.0 |
| VARIANT | [No Variations] | SHEET | 1 OF 8 |
| AUTHOR | Seb Madwick | DATE | 28/06/2024 |

A

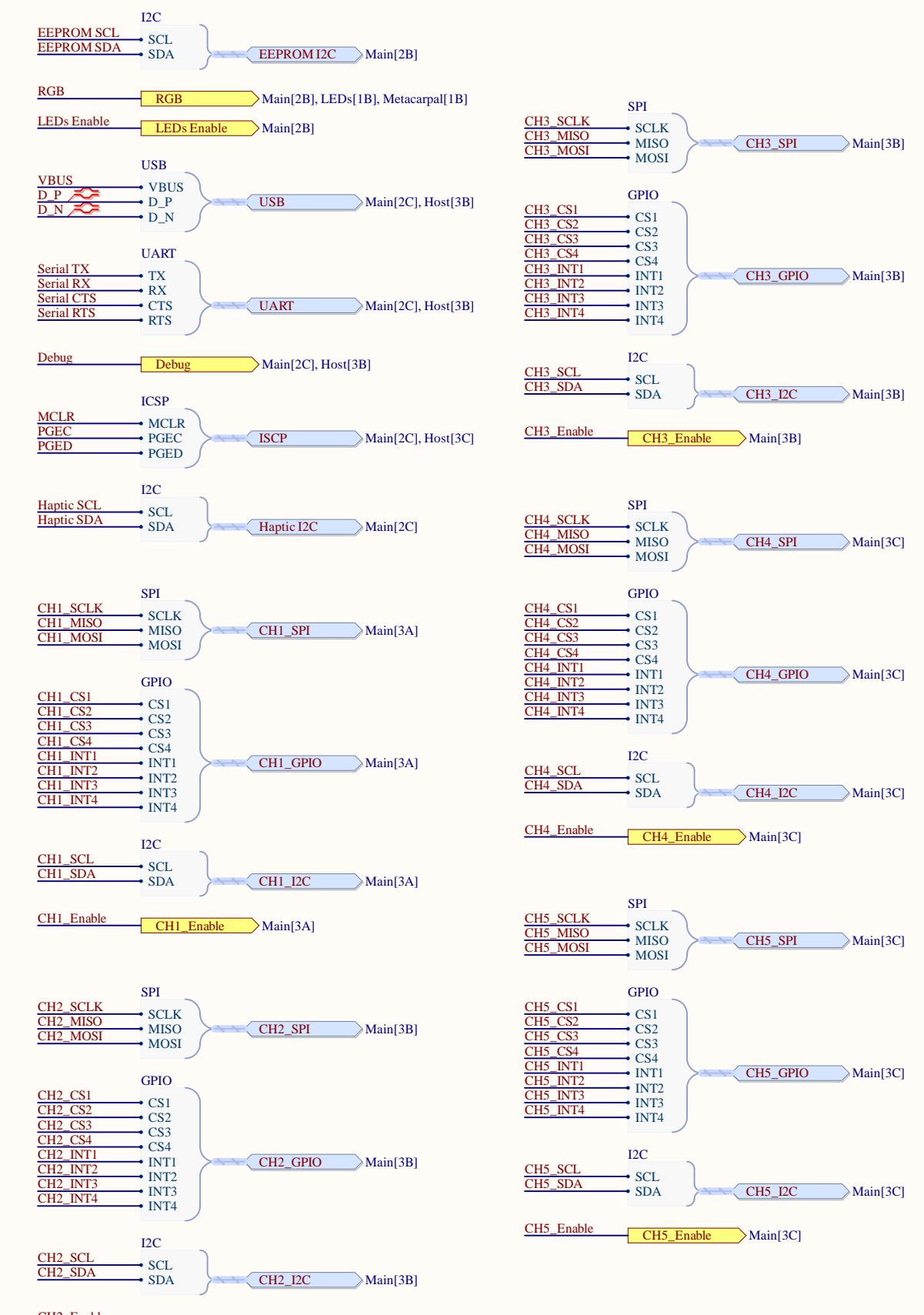
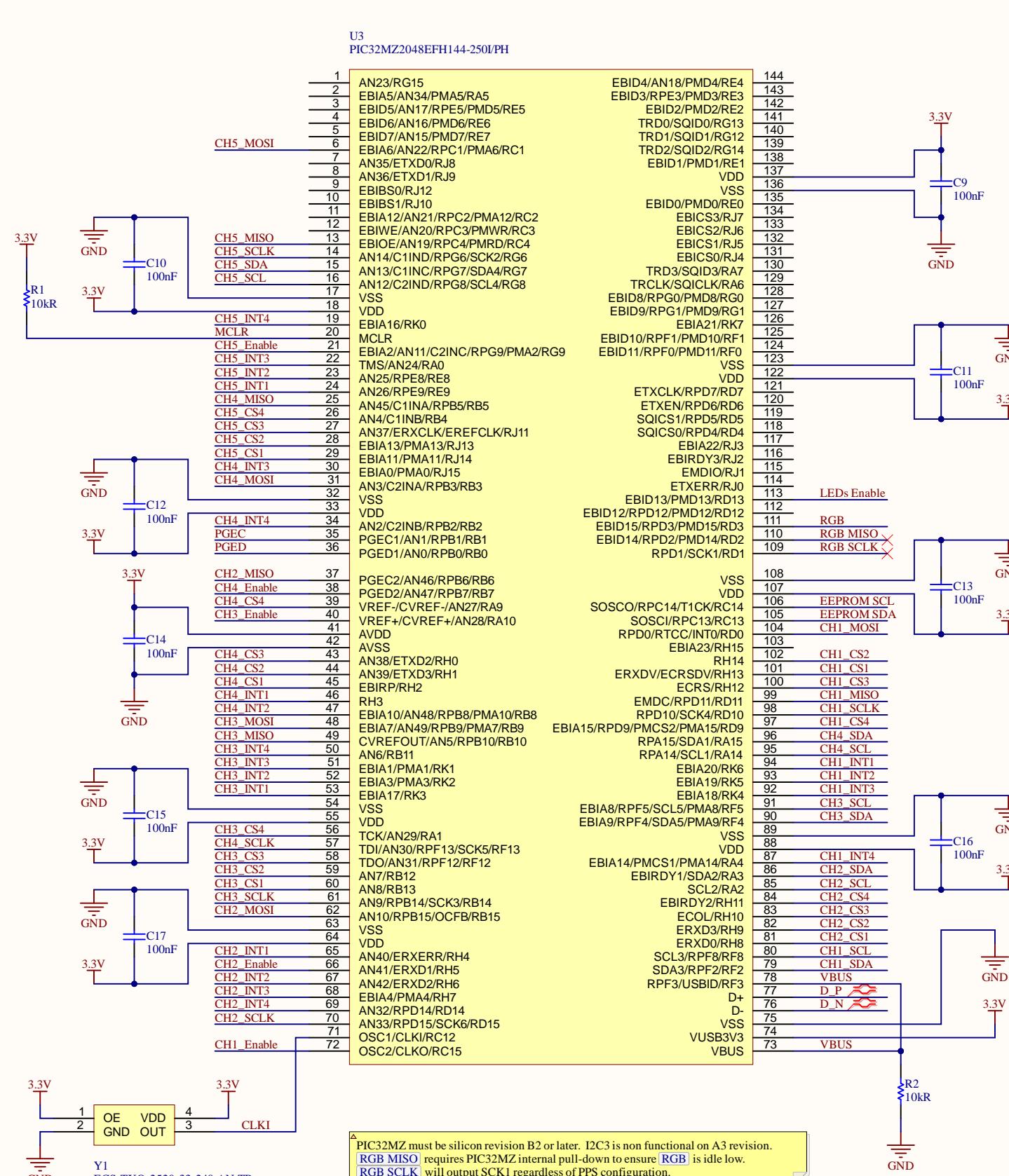


B



C

| TITLE | | Power.SchDoc | |
|---------|-------------------|--------------|------------|
| SIZE | PROJECT | VERSION | |
| A4 | MICA Glove Carpus | v1.0 | |
| VARIANT | [No Variations] | SHEET | 2 OF 8 |
| AUTHOR | Seb Madwick | DATE | 28/06/2024 |



A

A

B

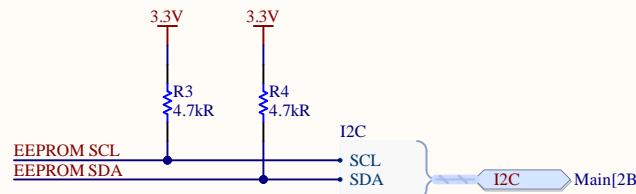
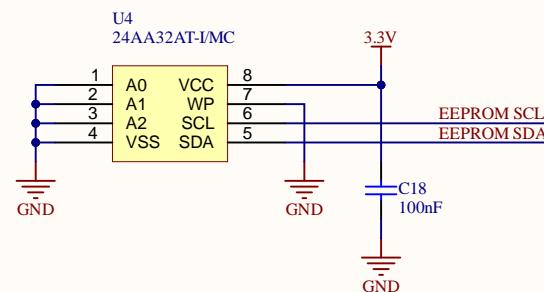
B

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 28/06/2024 |

A

A

B

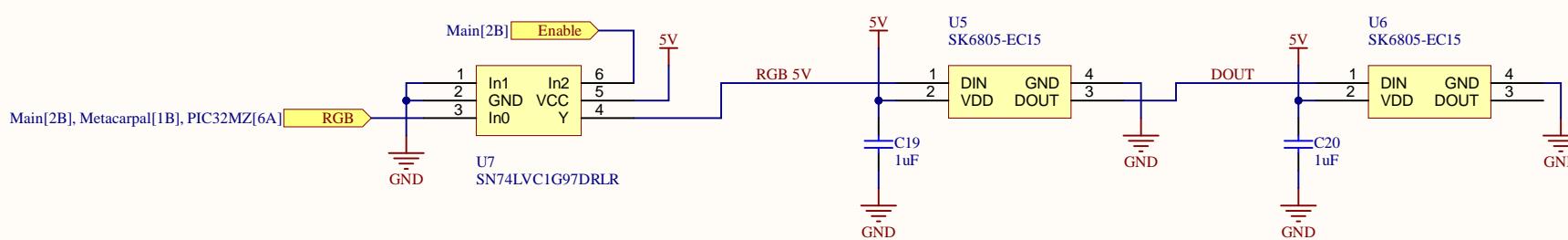
B

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 28/06/2024

A

B

C

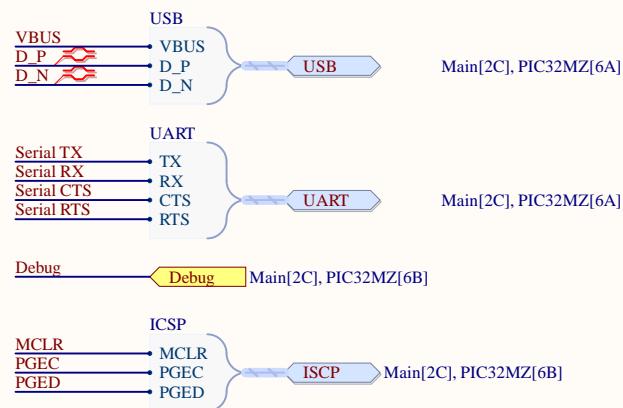
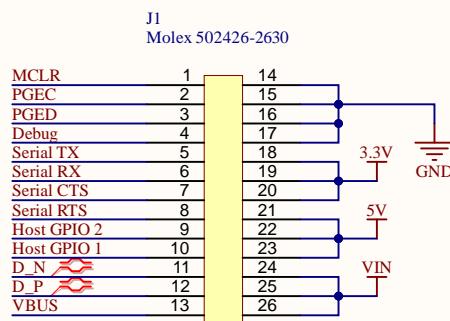
D

A

B

C

D

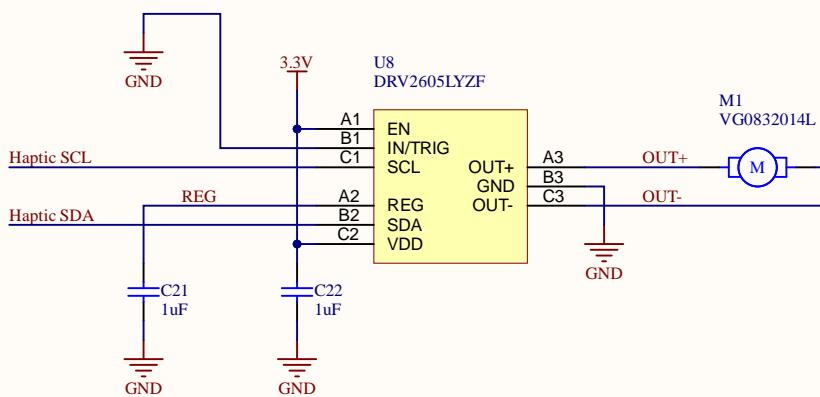


| | | |
|----------------------------|------------------------------|--------------------|
| TITLE Host.SchDoc | | |
| SIZE A4 | PROJECT MICA Glove Carpus | VERSION v1.0 |
| VARIANT [No Variations] | SHEET 6 OF 8 | |
| AUTHOR Seb Madwick | | DATE 28/06/2024 |

A

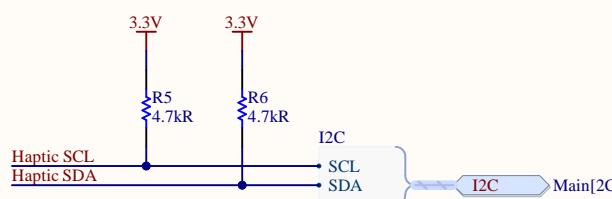
A

TODO: DRV2605L



B

B



C

C



TITLE
Haptic.SchDoc

SIZE A4 PROJECT
MICA Glove Carpus

VERSION
v1.0

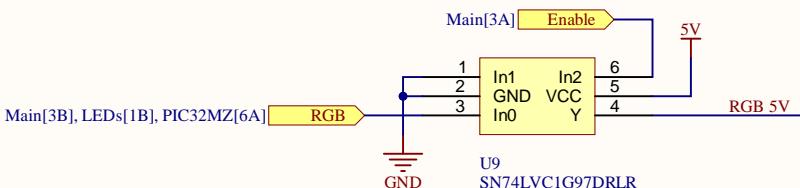
VARIANT [No Variations]

SHEET 7 OF 8

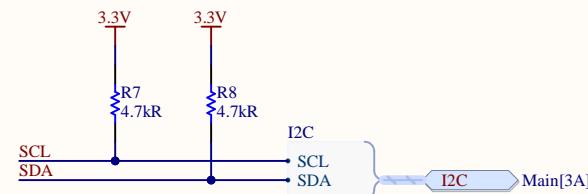
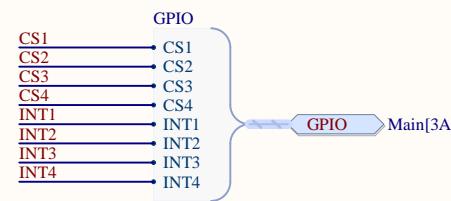
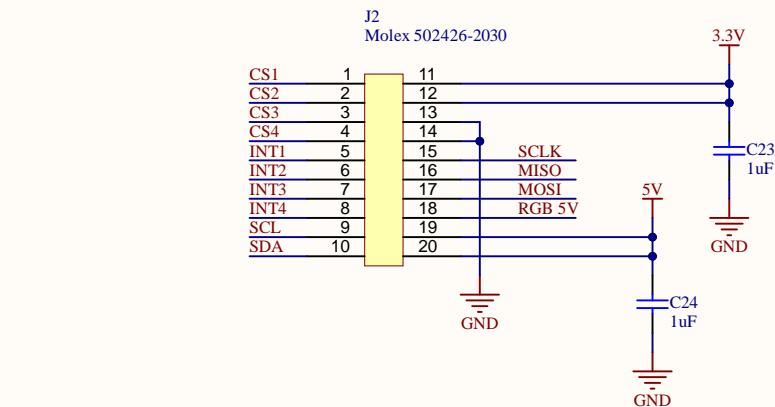
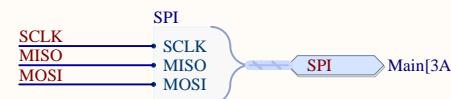
AUTHOR Seb Madwick

DATE 28/06/2024

A

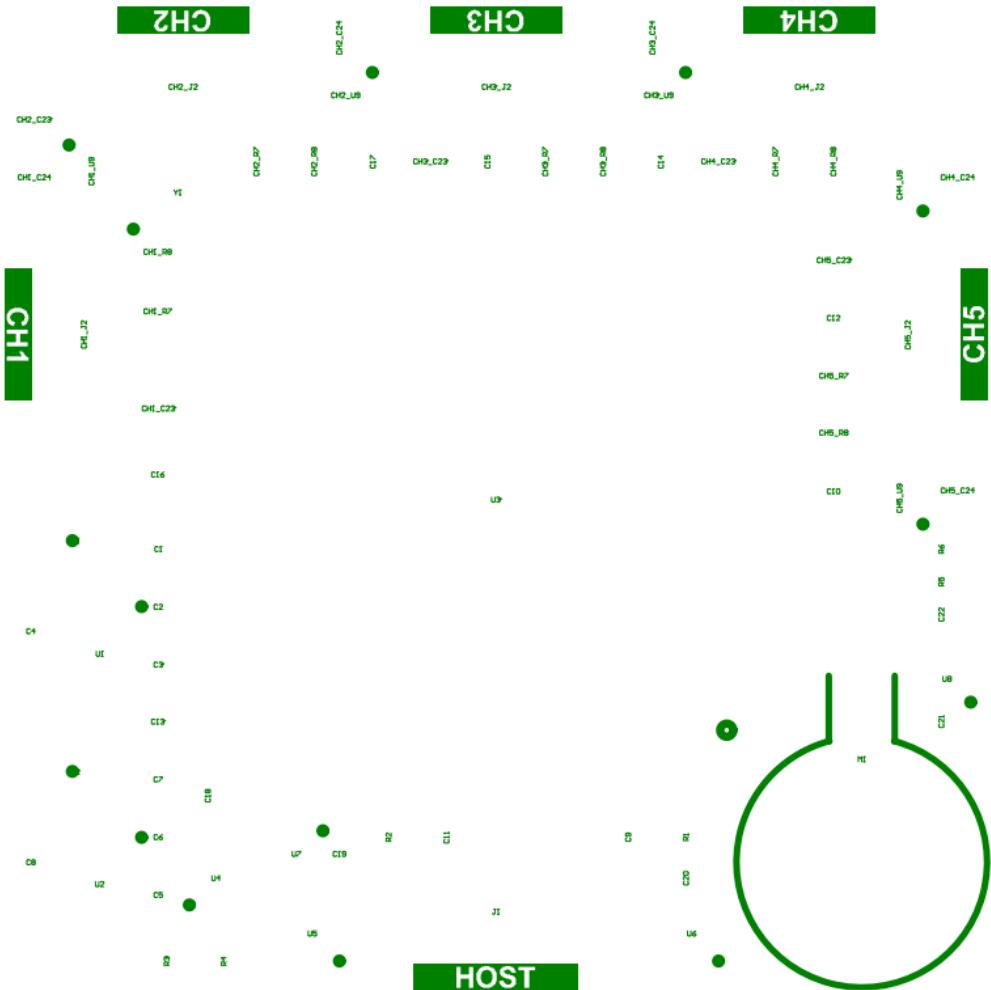


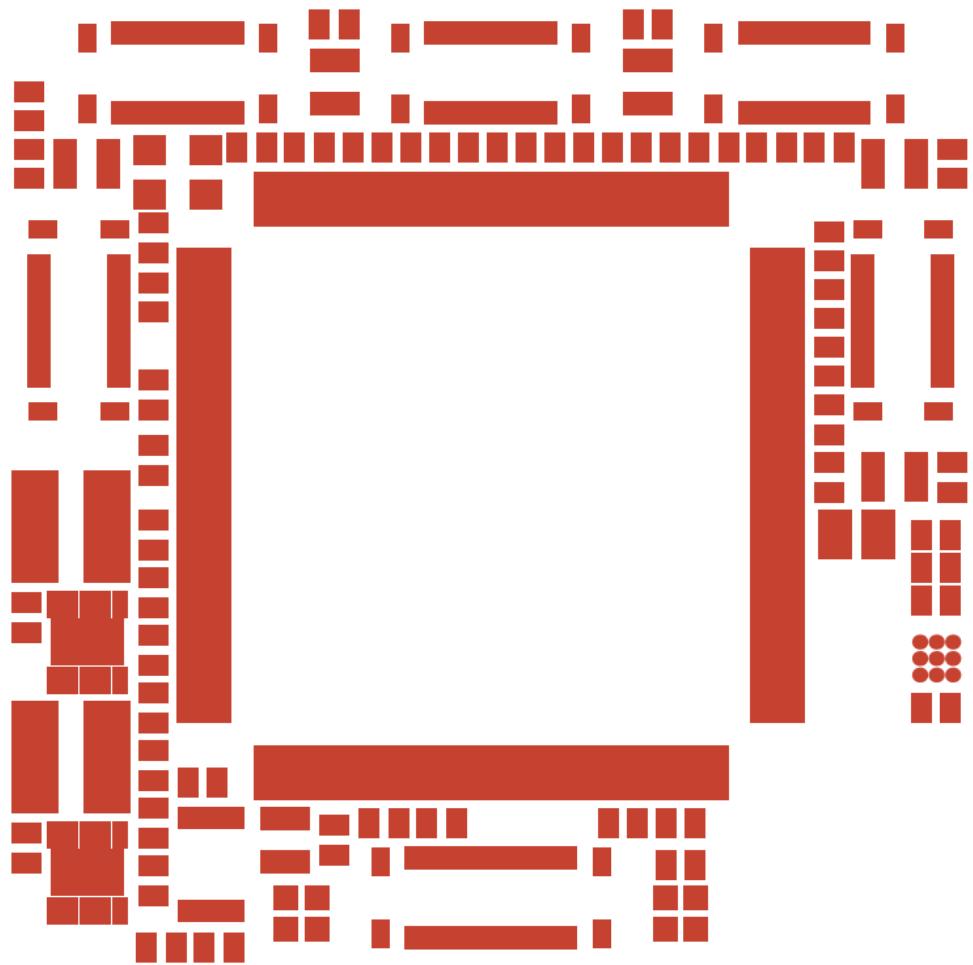
B

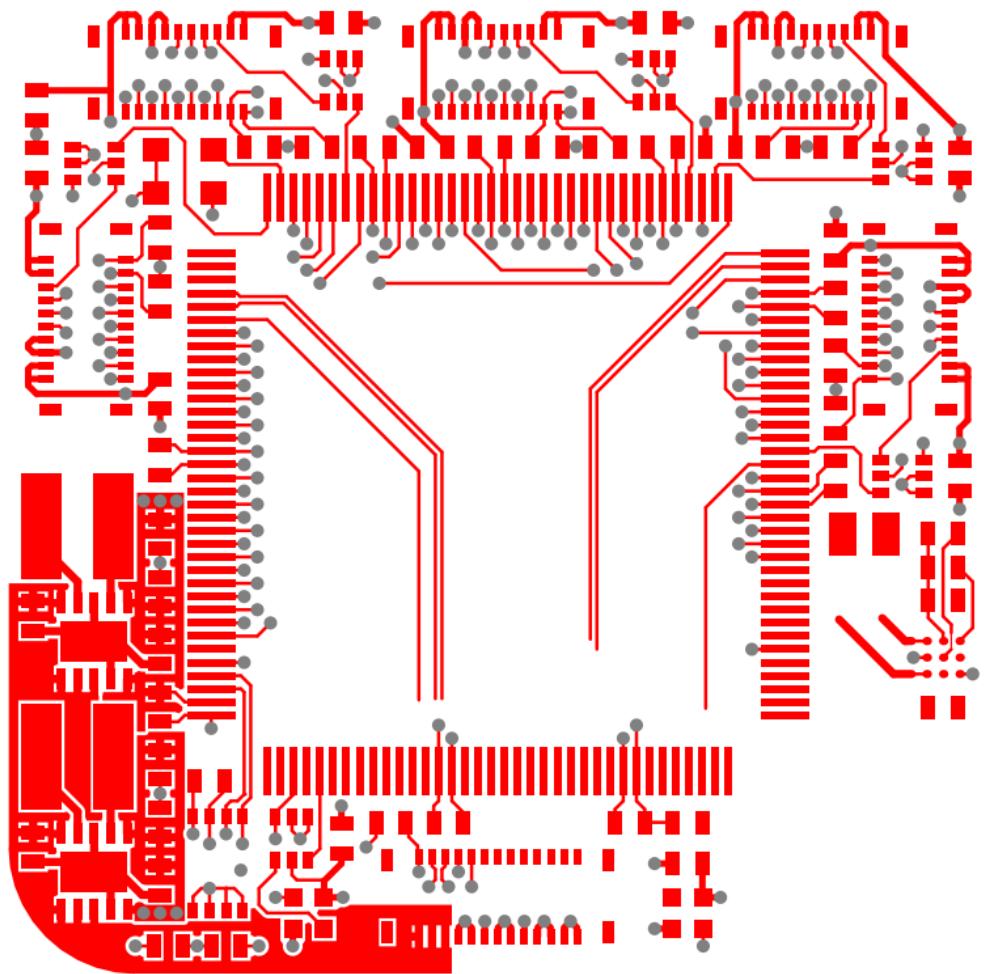


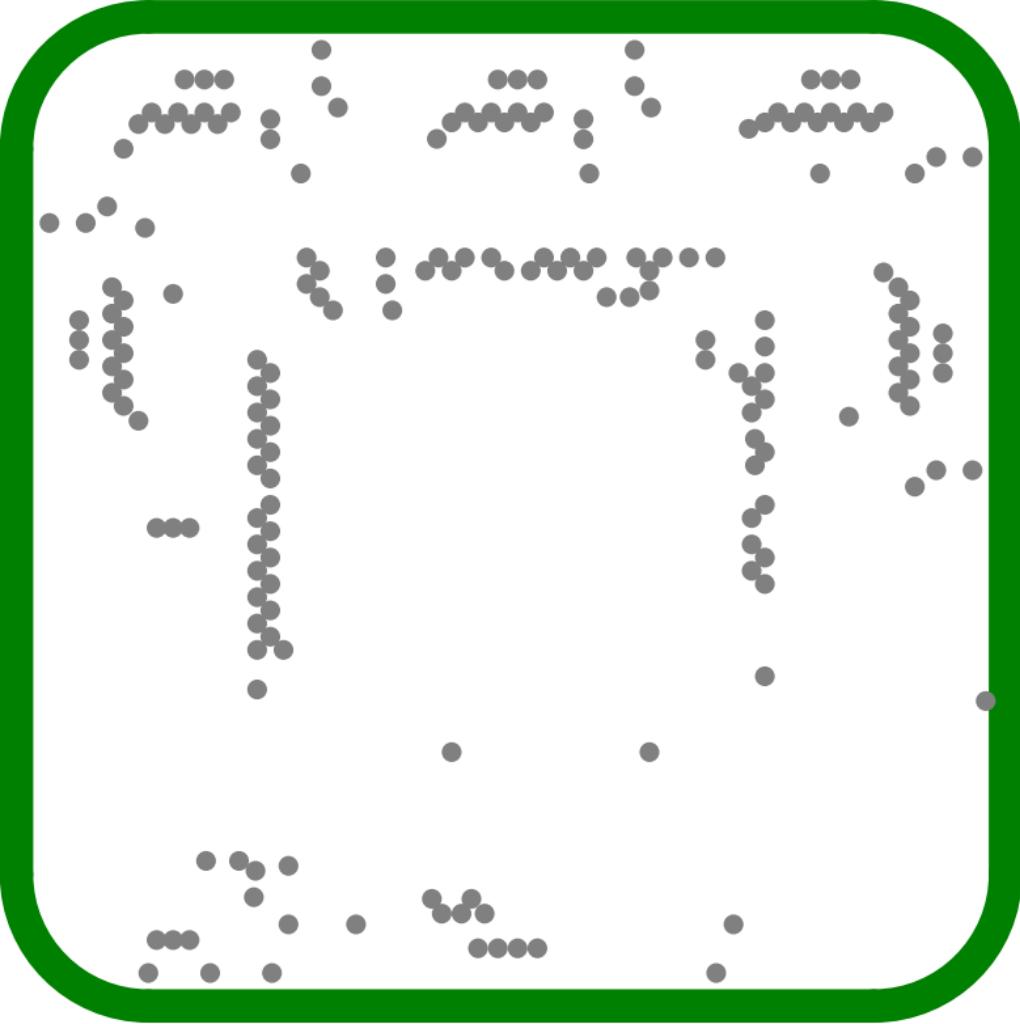
TITLE
Metacarpal.SchDoc

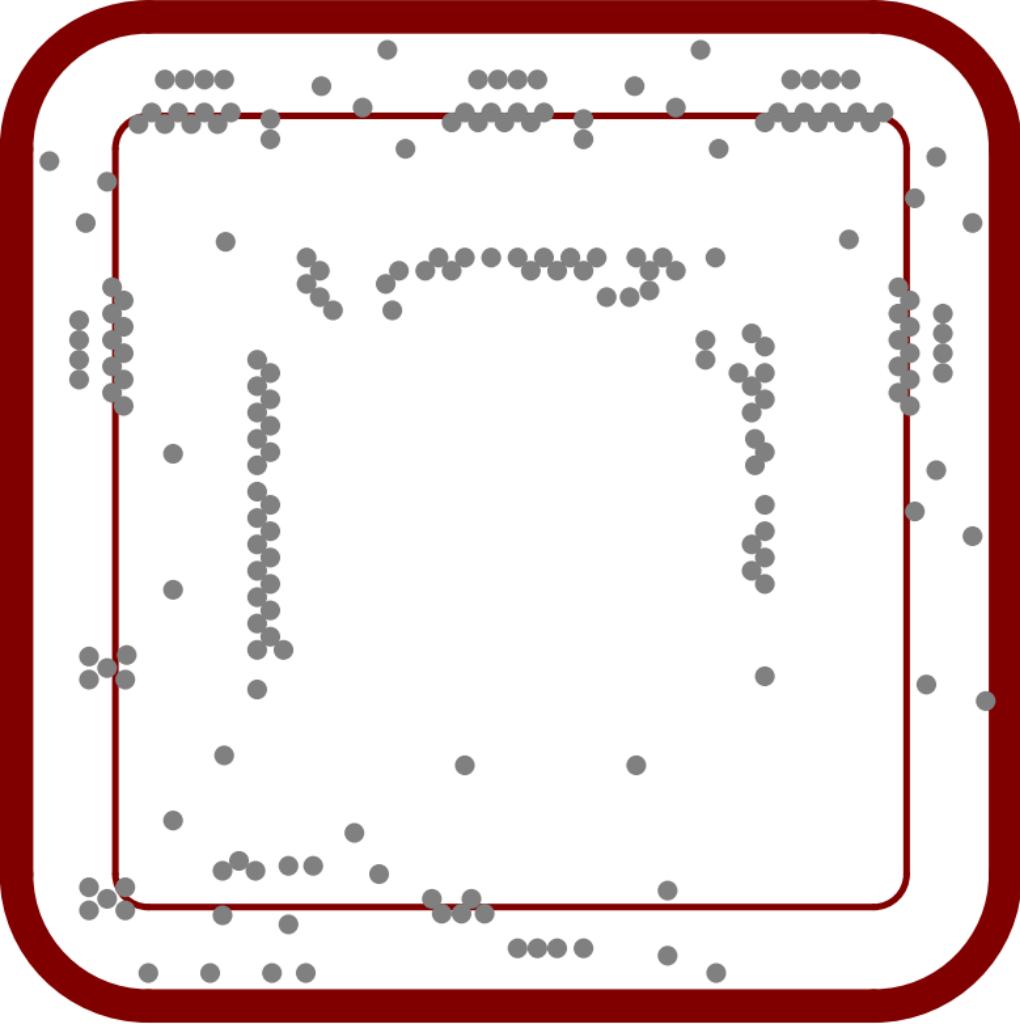
SIZE A4 PROJECT MICA Glove Carpus
VERSION v1.0
VARIANT [No Variations] SHEET 8 OF 8
AUTHOR Seb Madwick DATE 28/06/2024

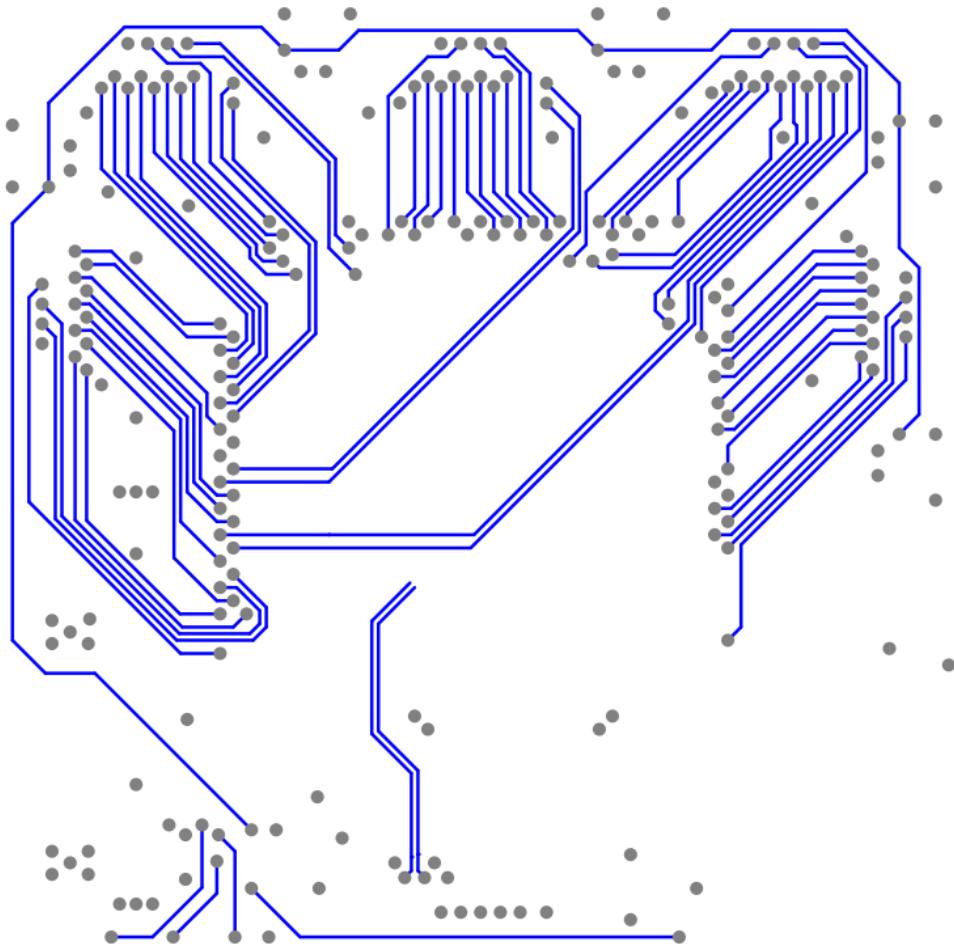


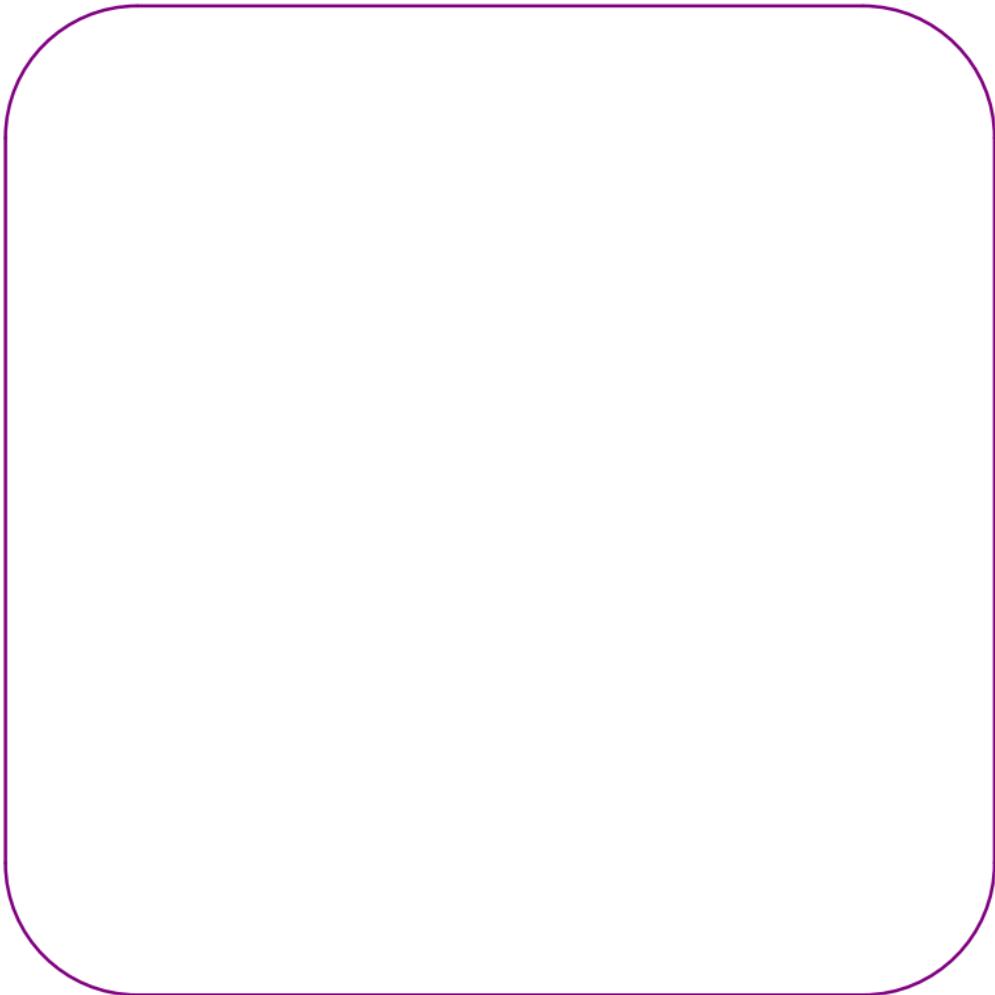


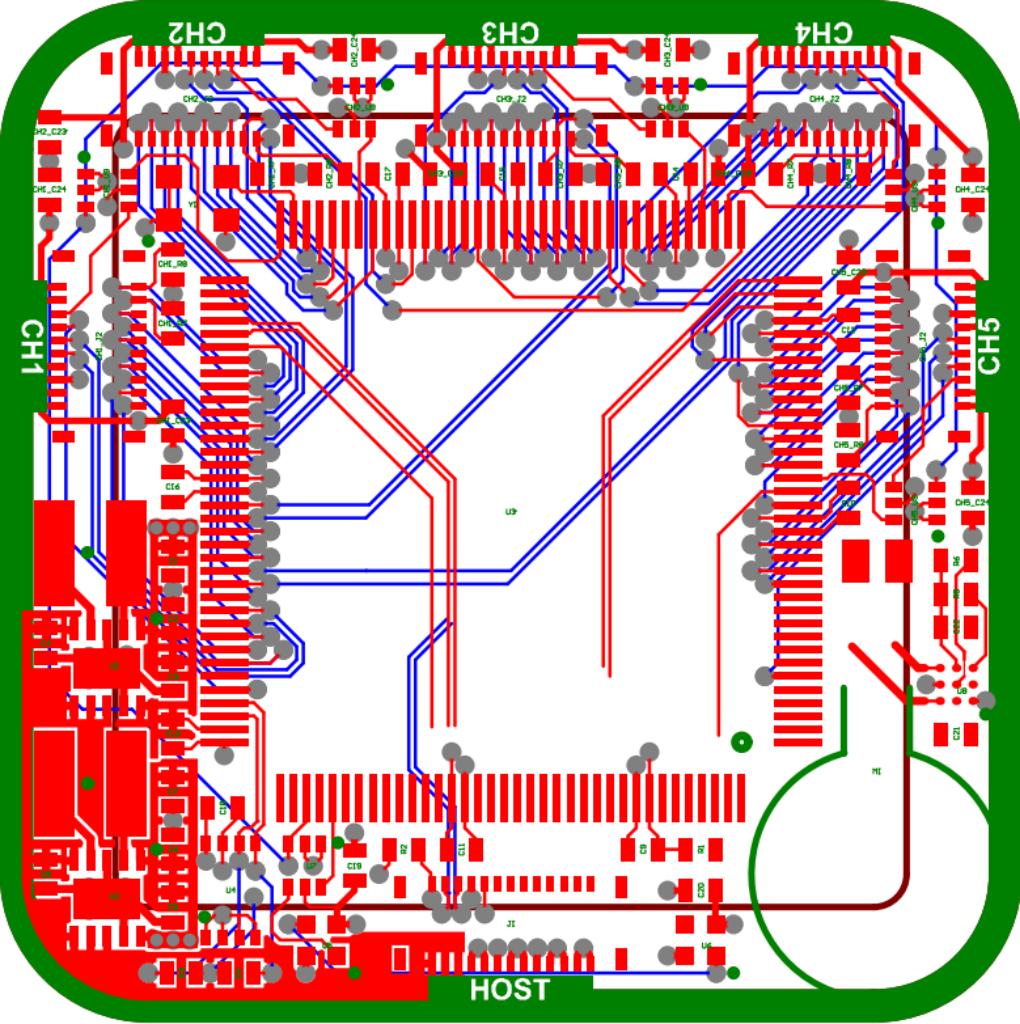


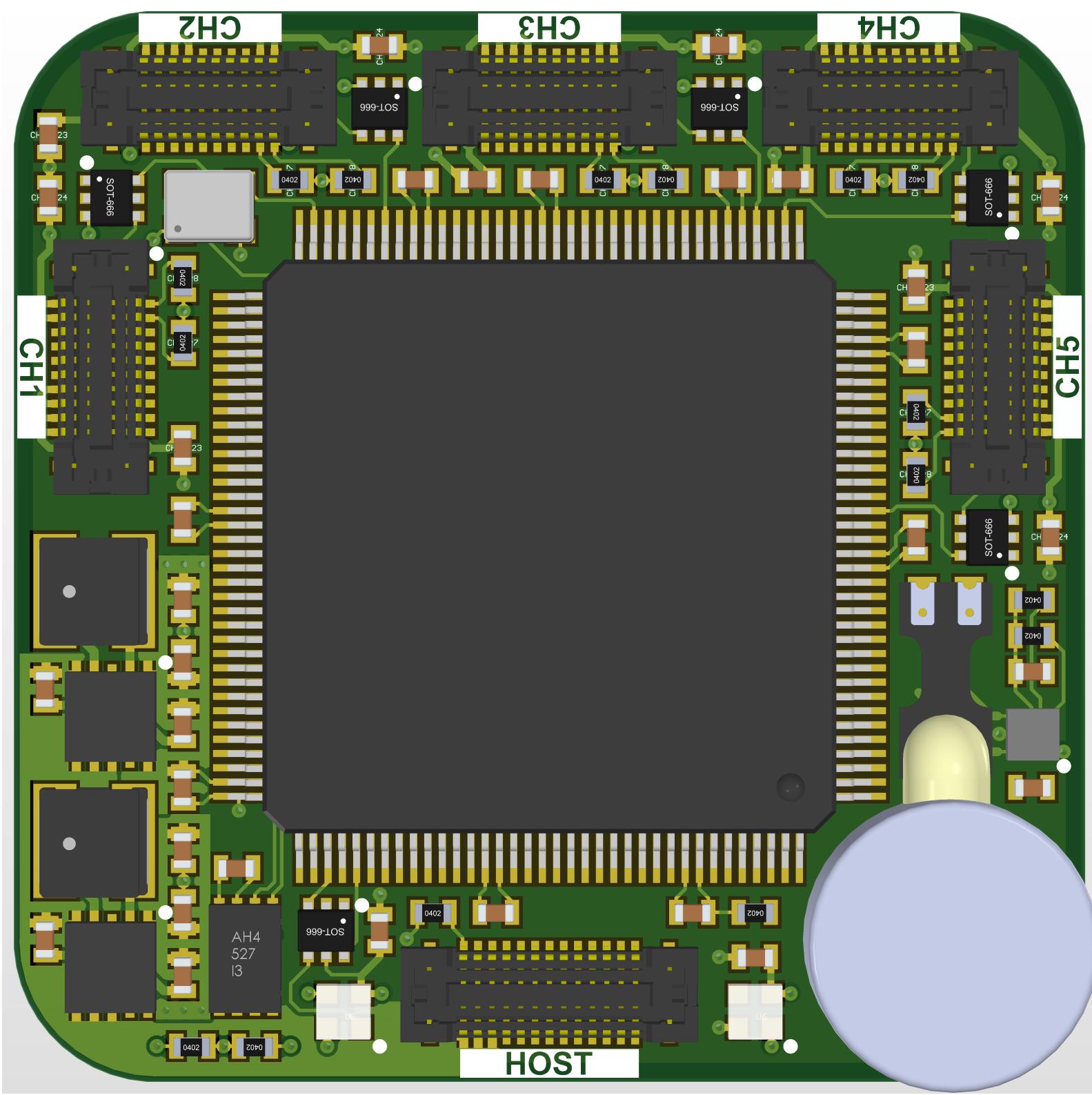


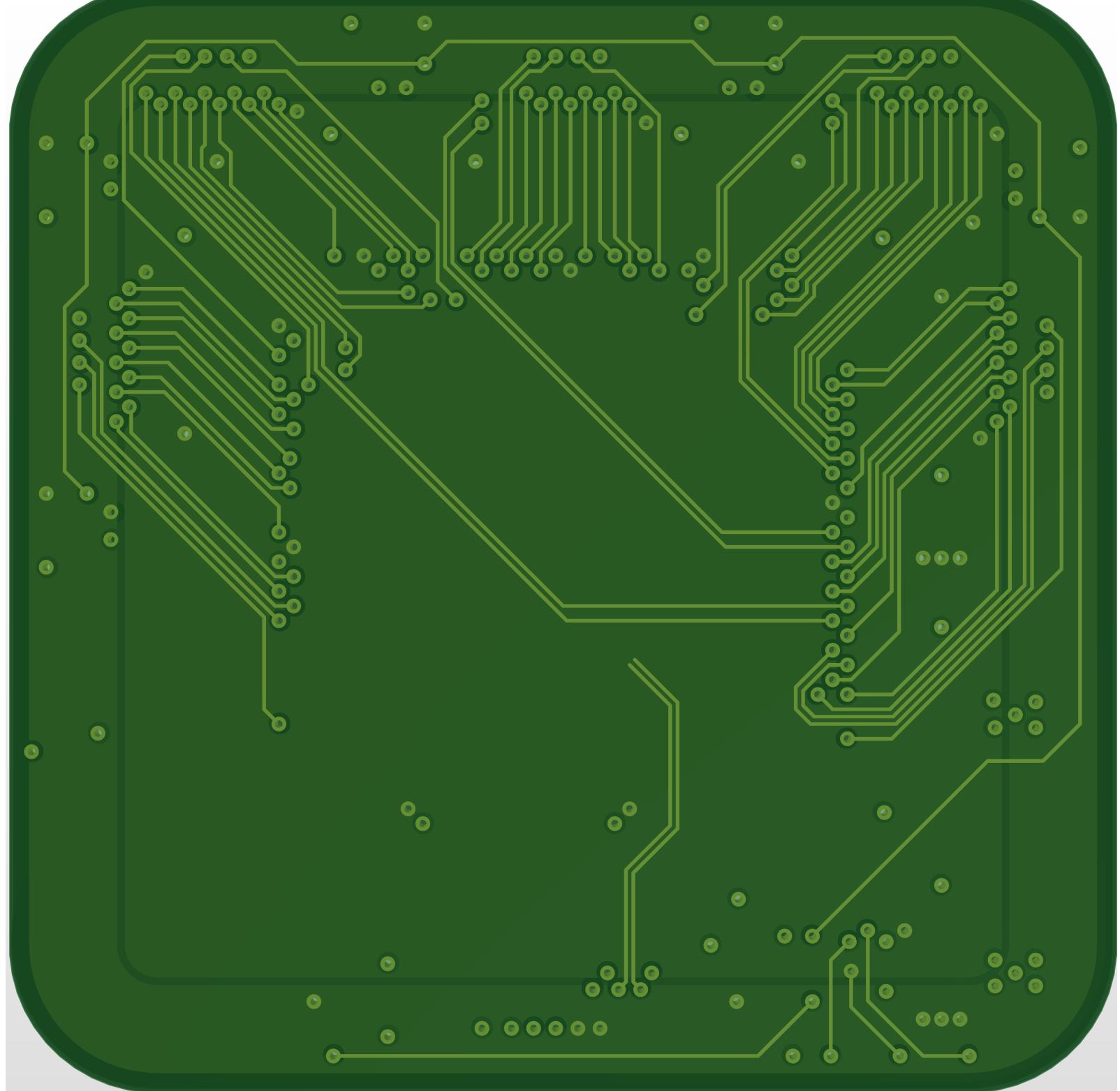


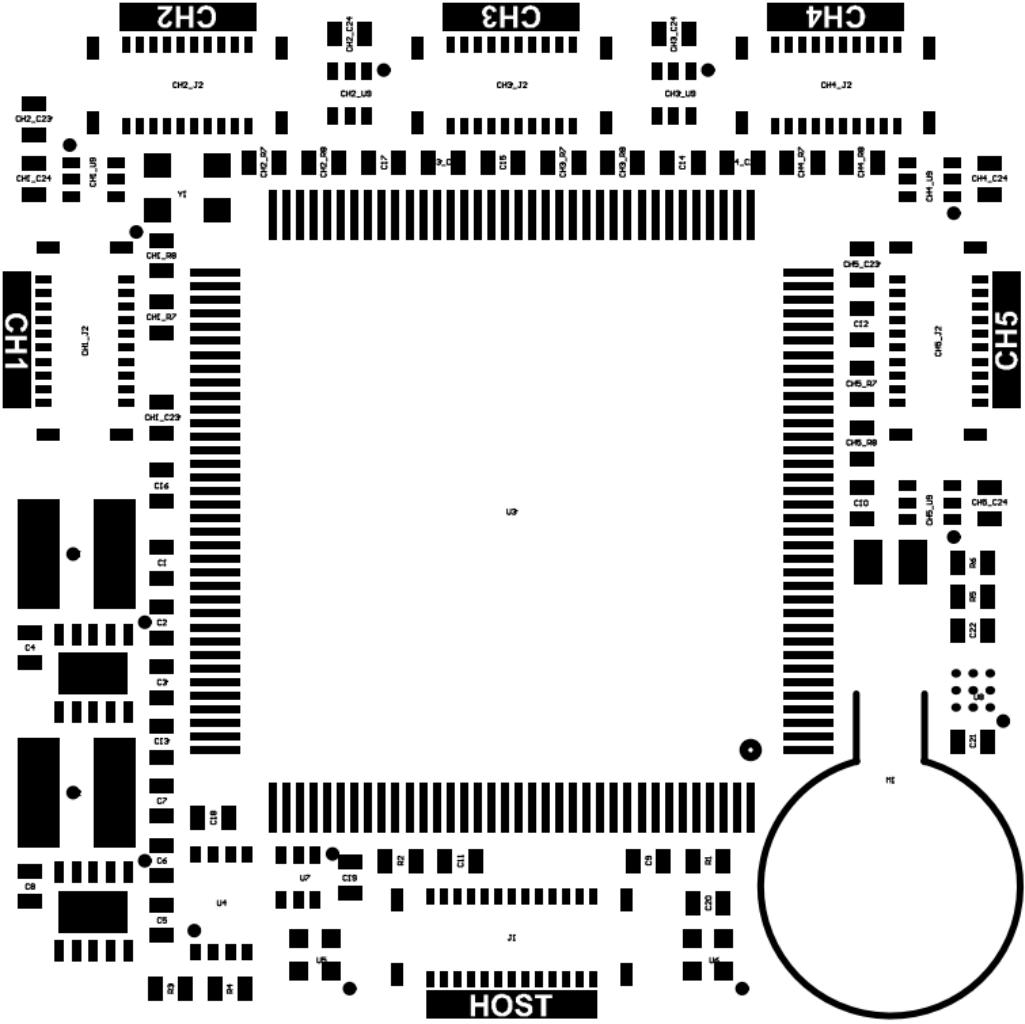












| Designator | Quantity | Comment | Footprint |
|---|----------|---------------------------------|-------------------|
| C1, C2, C3, C4, C5, C6, C7, C8 | 8 | 10uF | Capacitor 0402 |
| C9, C10, C11, C12, C13, C14, C15, C16, C17, C18 | 10 | 100nF | Capacitor 0402 |
| C19, C20, C21, C22, CH1_C23, CH1_C24, 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_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 | SN74LVC1G97DRLR | 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 |