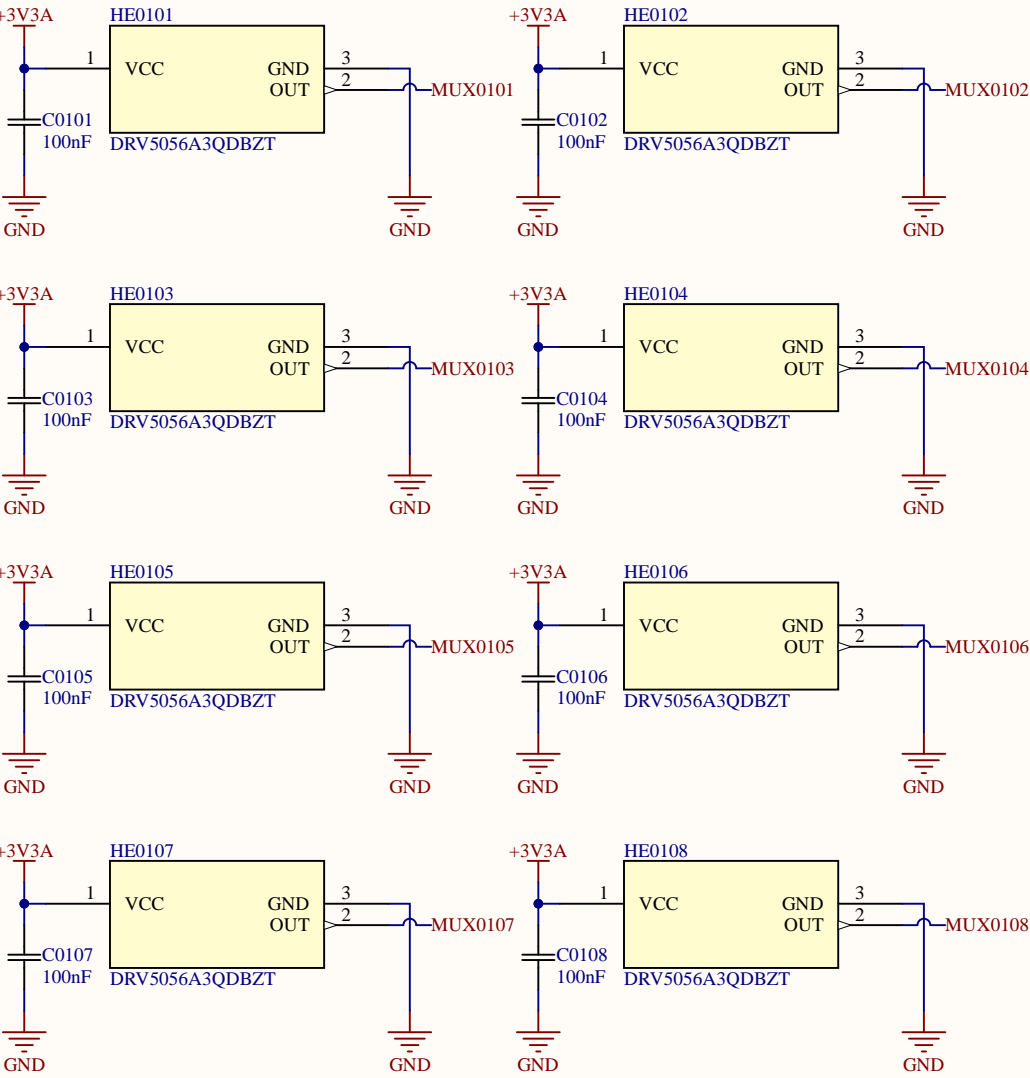
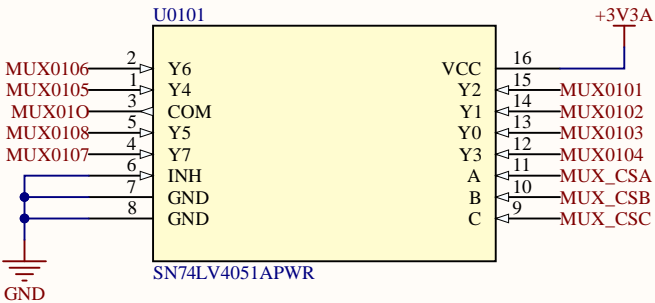


# HE Matrix 01

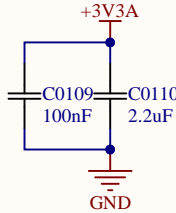
## HE Sensor Array x8



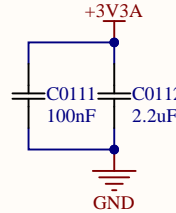
## Multiplexer



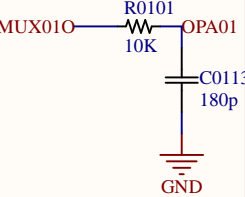
## Decoupling Cap 01



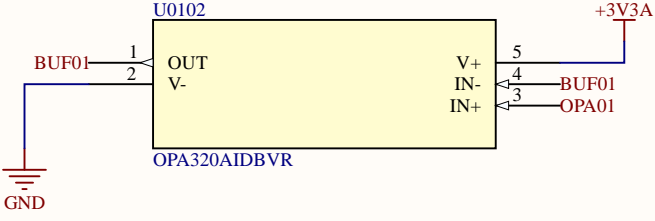
## Decoupling Cap 02



## Mux Settle Filter

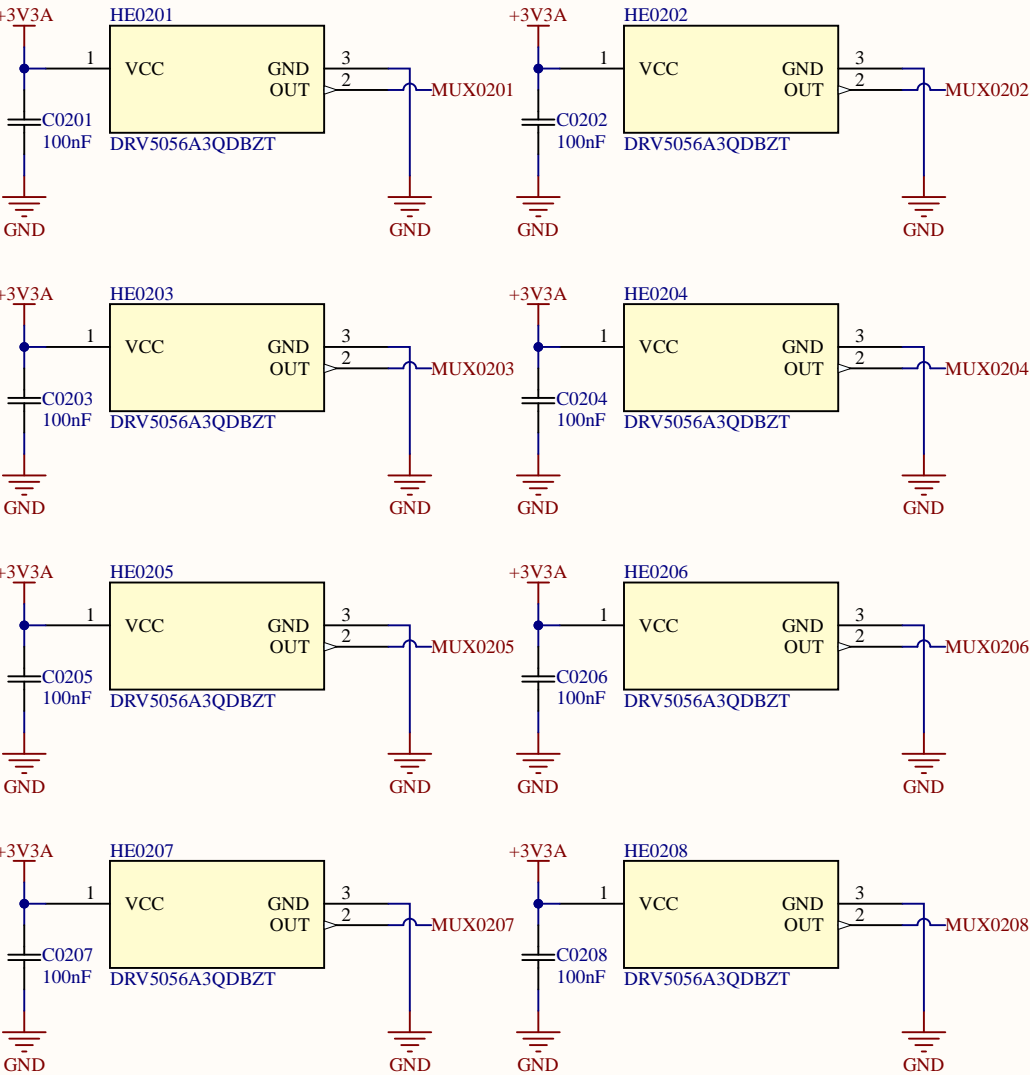


## OPA320 Buffer

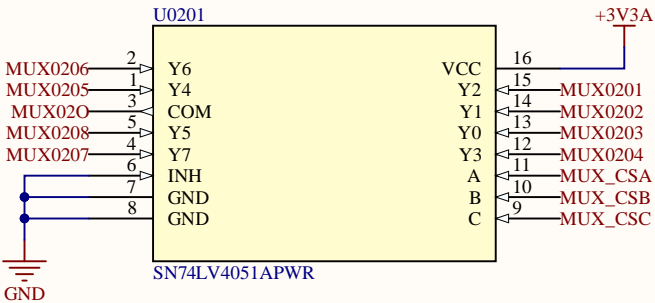


# HE Matrix 02

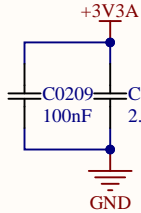
## HE Sensor Array x8



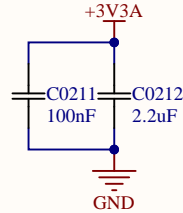
## Multiplexer



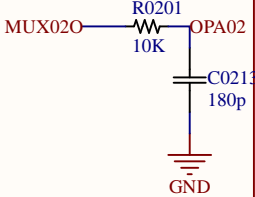
## Decoupling Cap 01



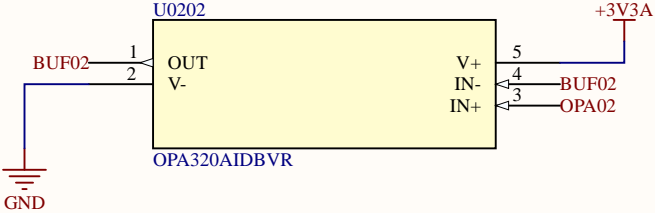
## Decoupling Cap 02



## Mux Settle Filter

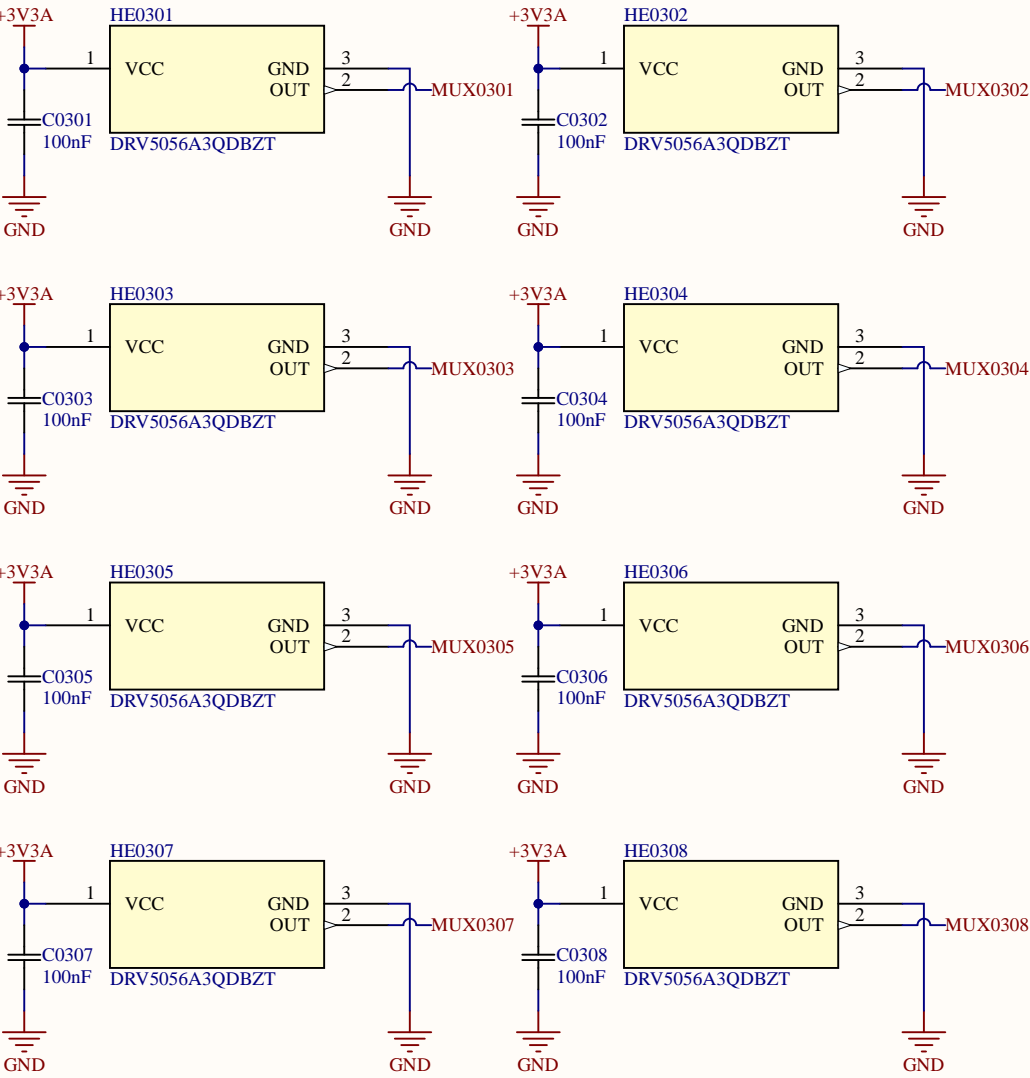


## OPA320 Buffer

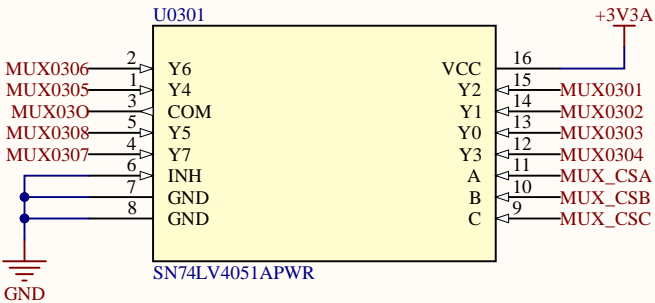


# HE Matrix 03

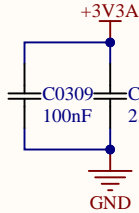
## HE Sensor Array x8



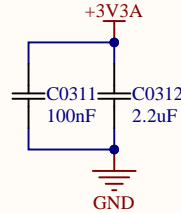
## Multiplexer



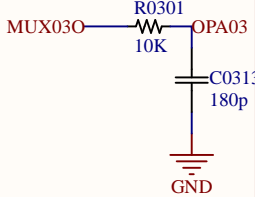
## Decoupling Cap 01



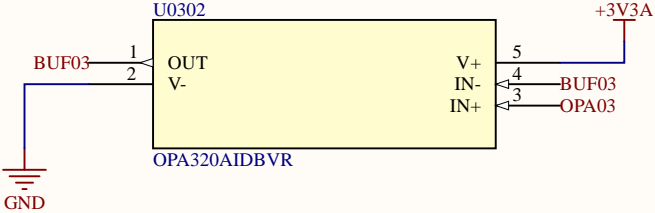
## Decoupling Cap 02



## Mux Settle Filter

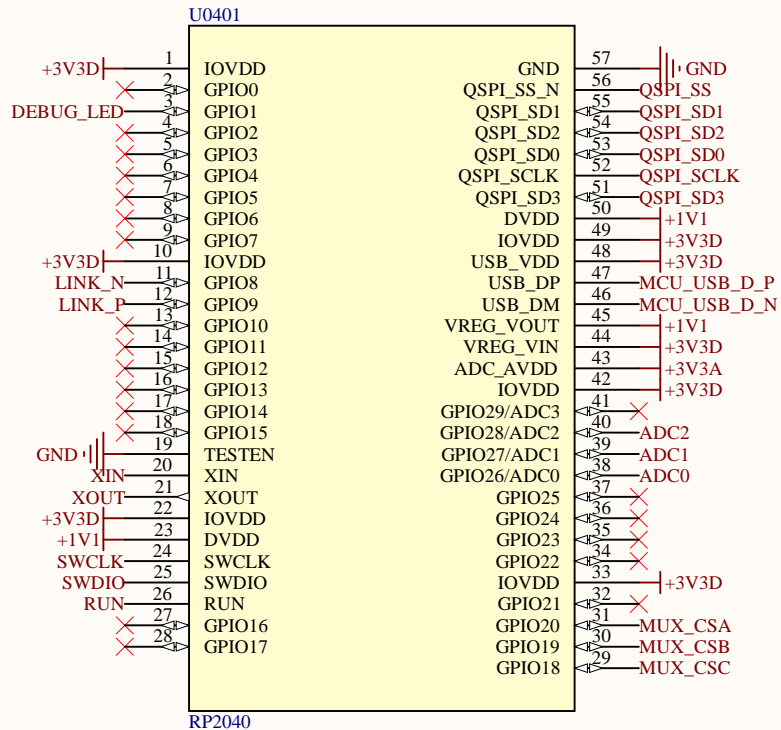


## OPA320 Buffer



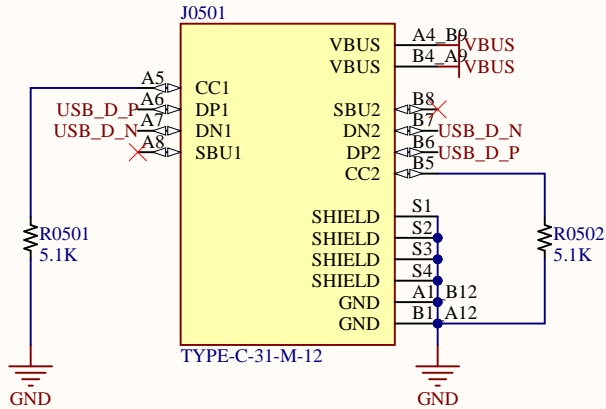
# RP2040 Core

RP2040 Core

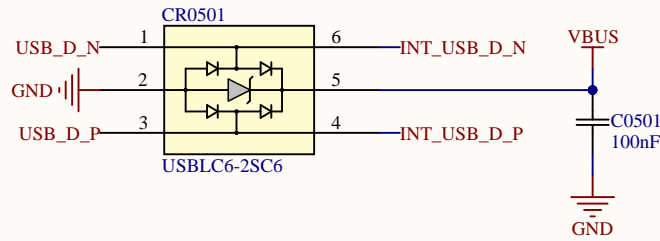


# Peripherals

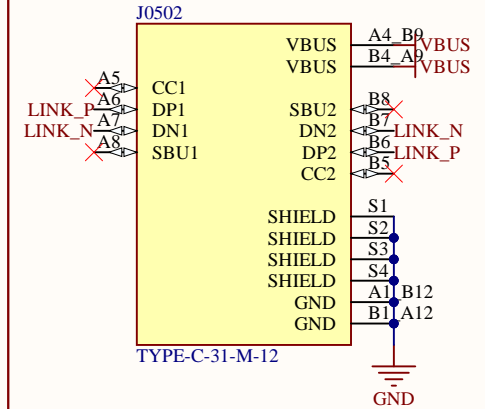
Main Type-C Connector



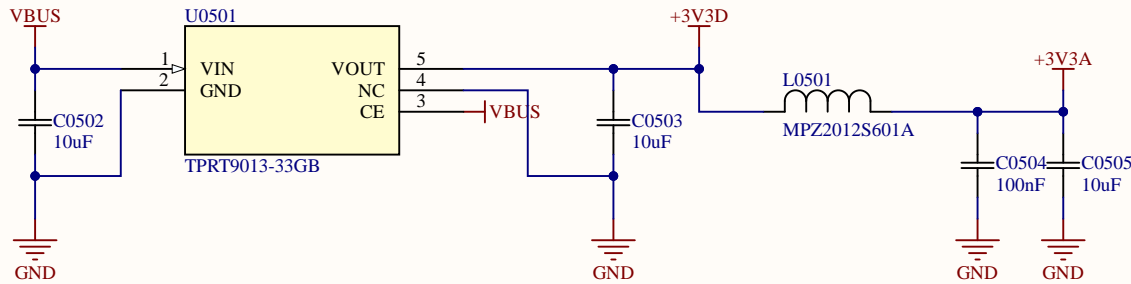
ESD Protection Module



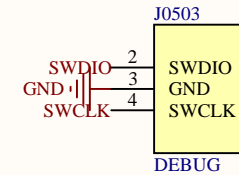
Link Type-C Connector



Link Type-C Connector



Serial Wire Debugger



ADC Input Buffers

