

CPU



File: CPU.kicad\_sch

Fast Memory



File: FastMem.kicad\_sch

Card Connector



File: CardConnector.kicad\_sch

Level Shifting



File: LevelShift.kicad\_sch

# AmigaPCI CPU LOCAL BUS CARD MC68040 + 128MB FAAAST RAM

## "THE BRAIN"

Sheet: /

File: AmigaPCI 68040.kicad\_sch

**Title: AmigaPCI 68040 Local Bus Card**

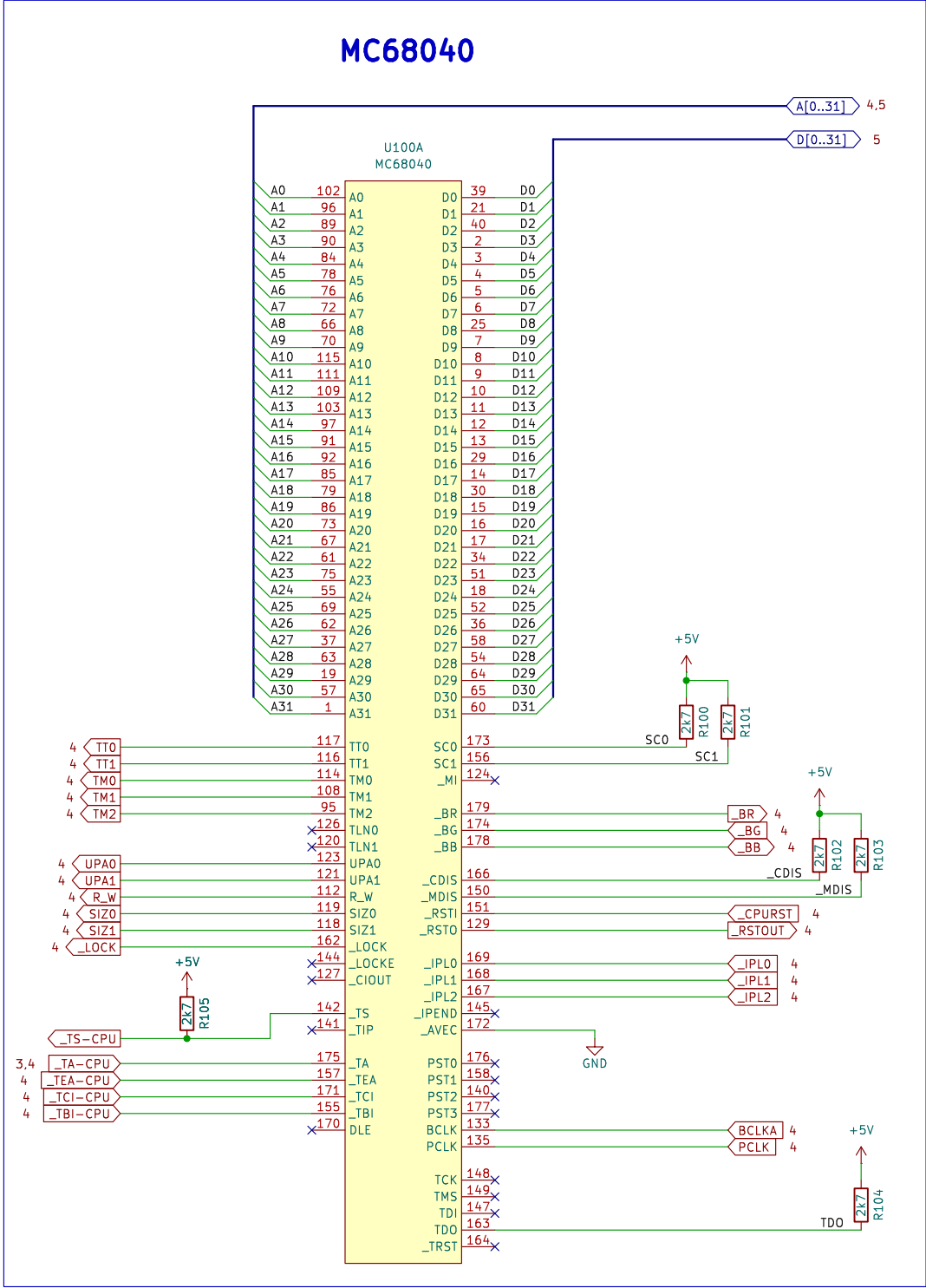
Size: A

Date: 2024-12-31

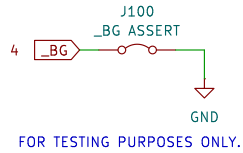
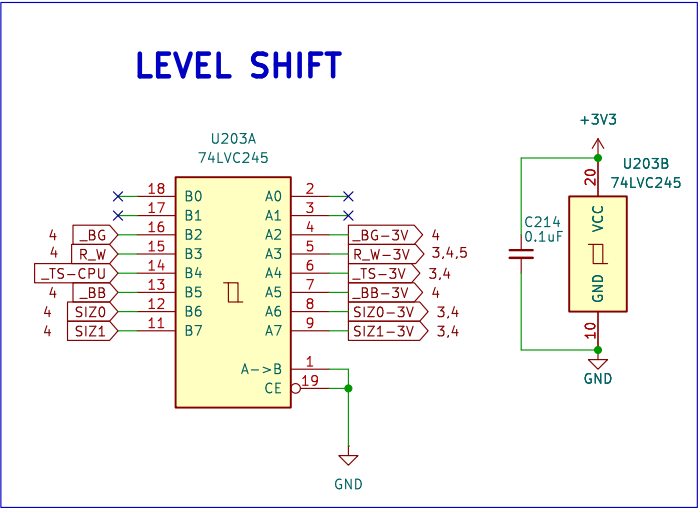
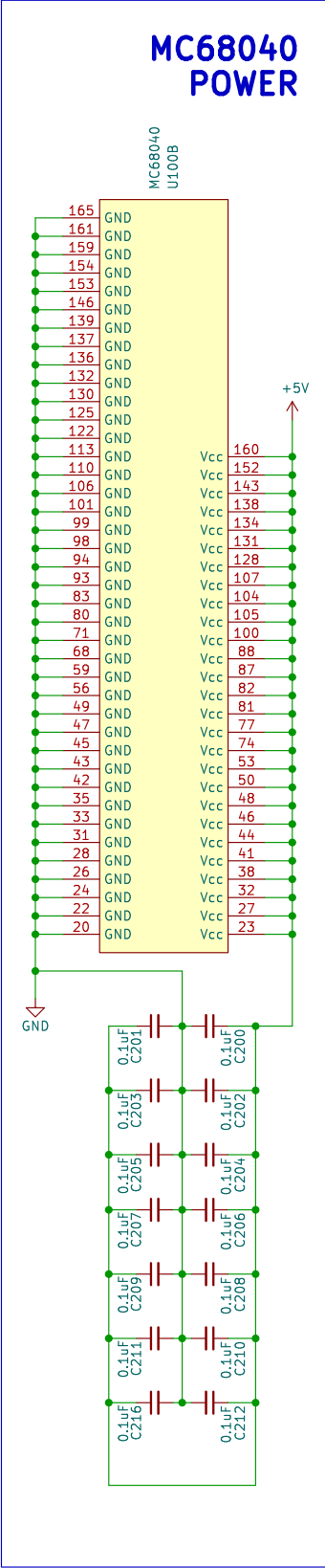
Rev: 4.1

KiCad E.D.A. 8.0.7

Id: 1/5



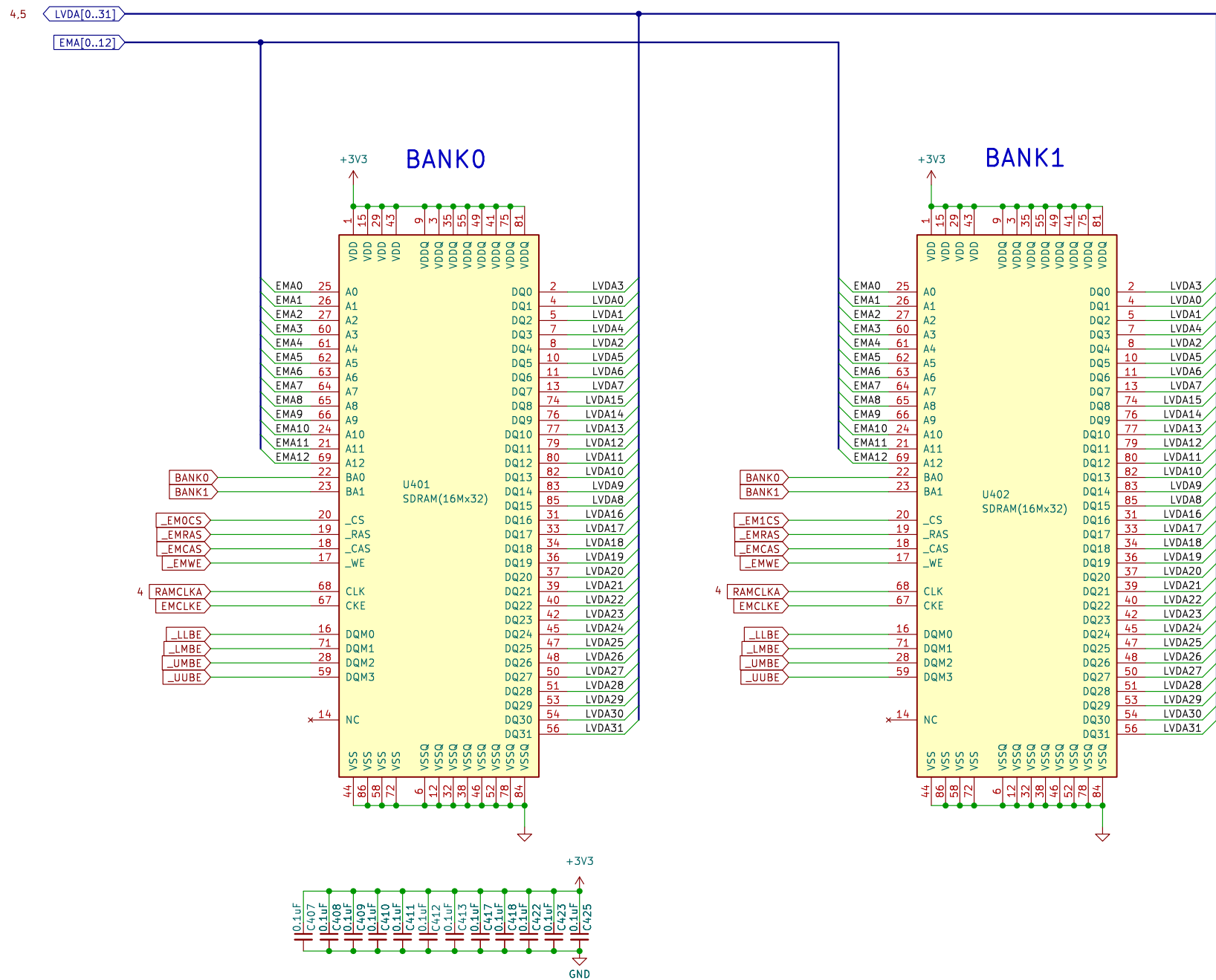
MC68040 HEATSINK:  
BDN18-6CB/A01



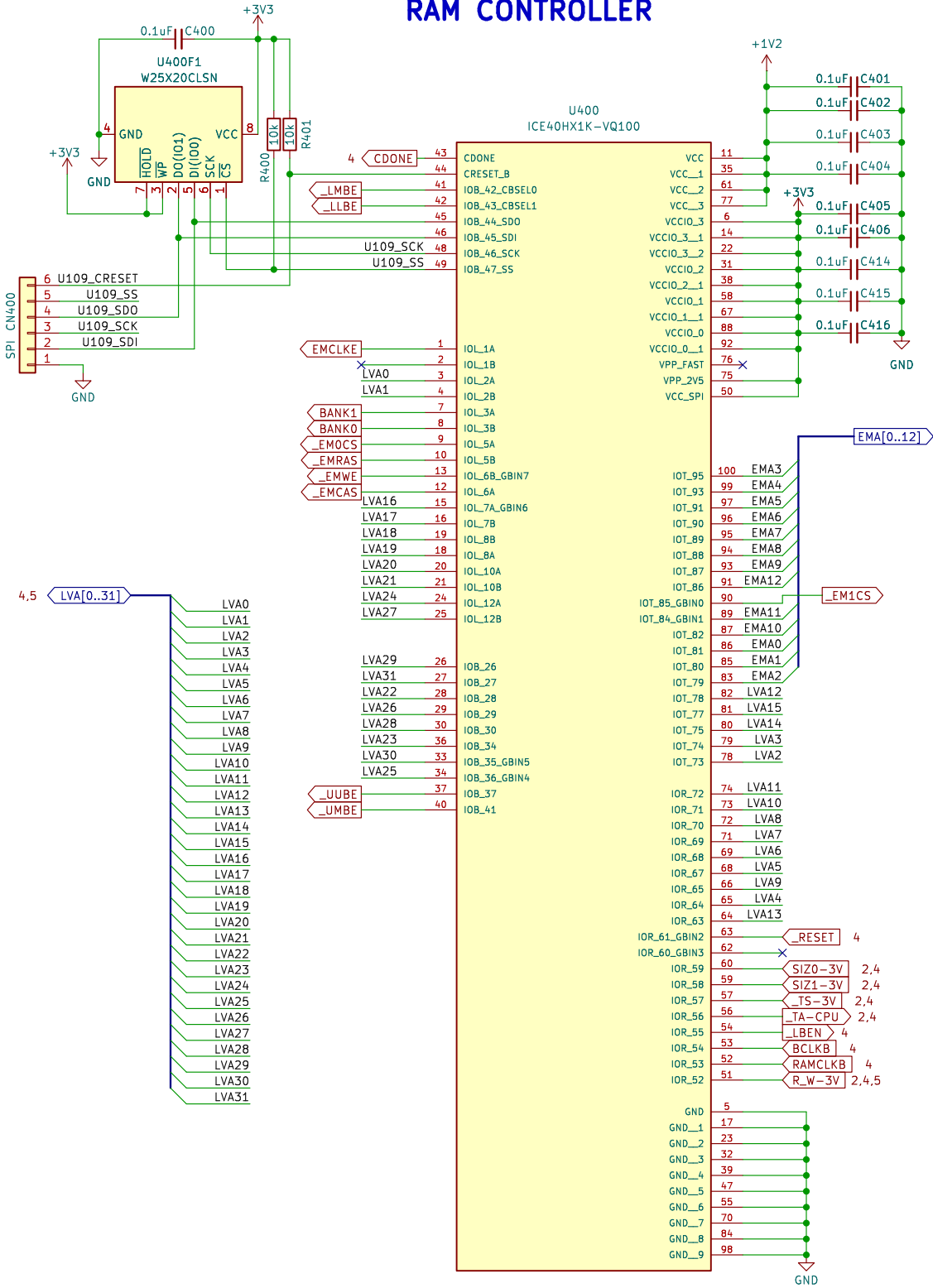
# CPU

Sheet: /CPU/ File: CPU.kicad_sch		
Title: AmigaPCI 68040 Local Bus Card		
Size: B	Date: 2024-12-31	Rev: 4.1
KiCad E.D.A. 8.0.7		Id: 2/5

## SDRAM

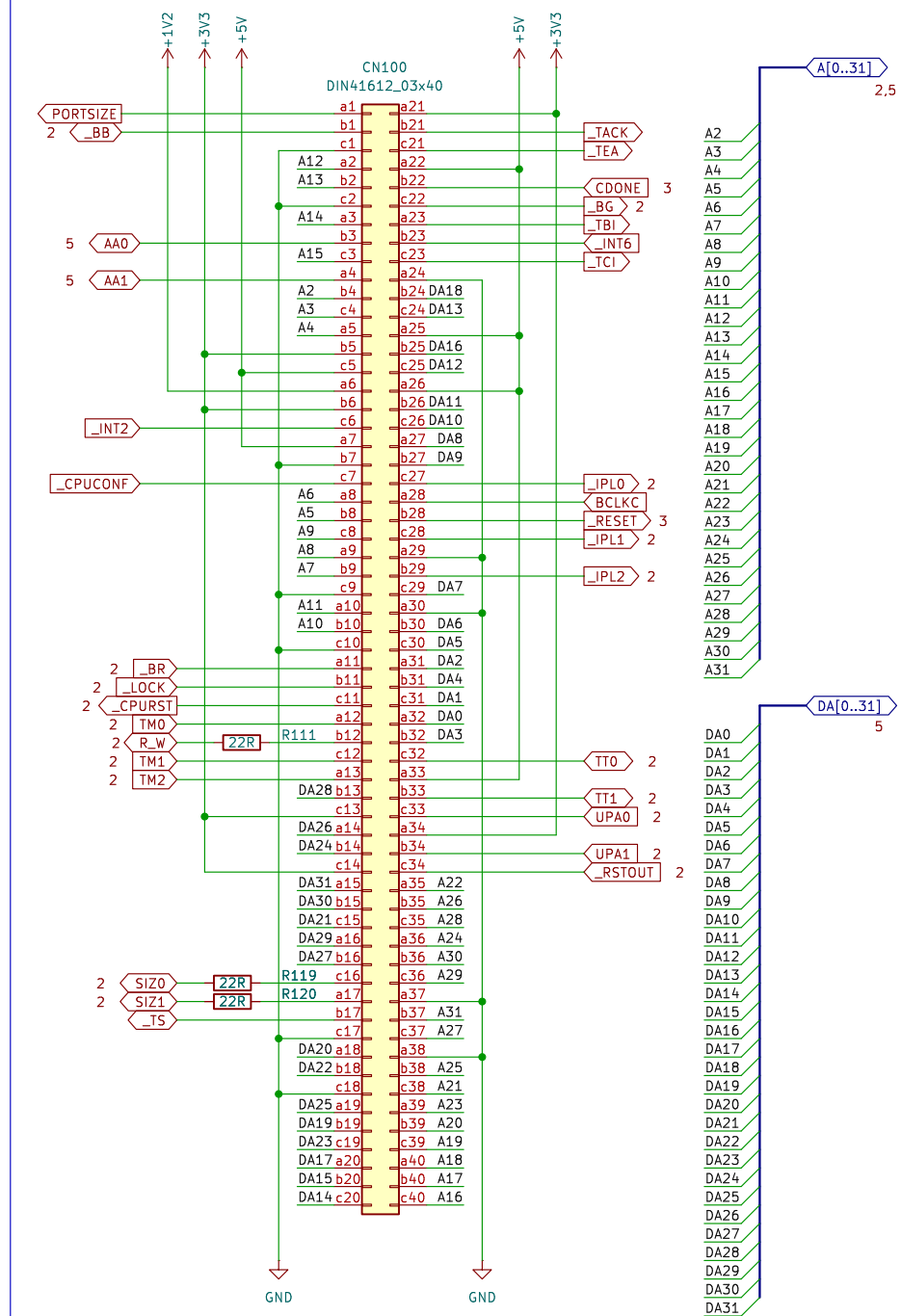


## RAM CONTROLLER

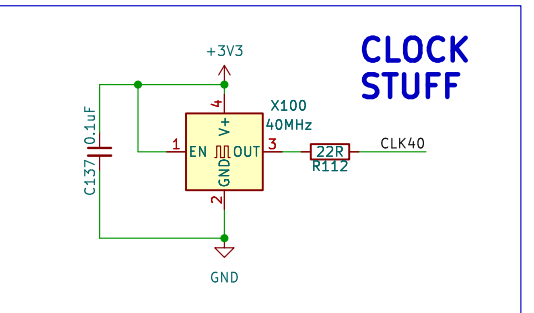
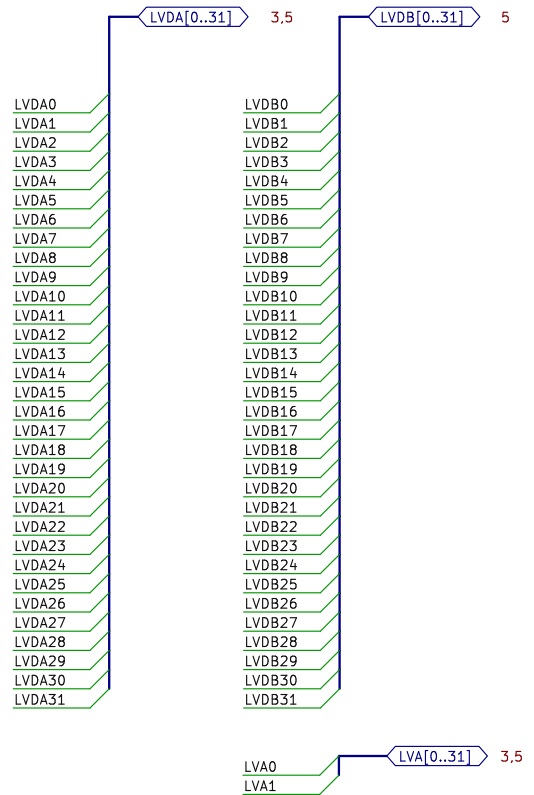
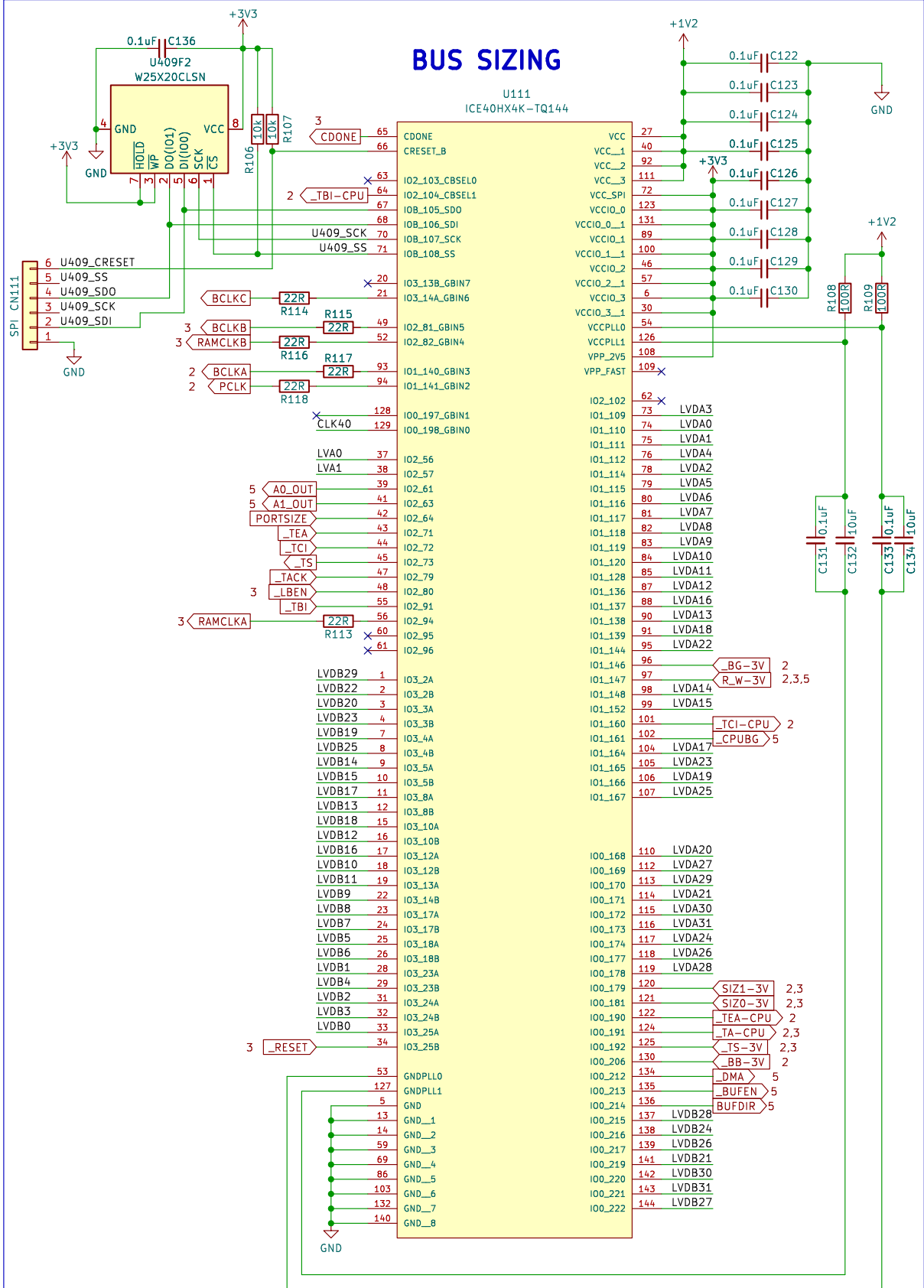


# FAST MEMORY

## LOCAL BUS PORT



## BUS SIZING



## LOCAL BUS PORT, BUS SIZING, CLOCKS

Sheet: /Card Connector/  
File: CardConnector.kicad\_sch

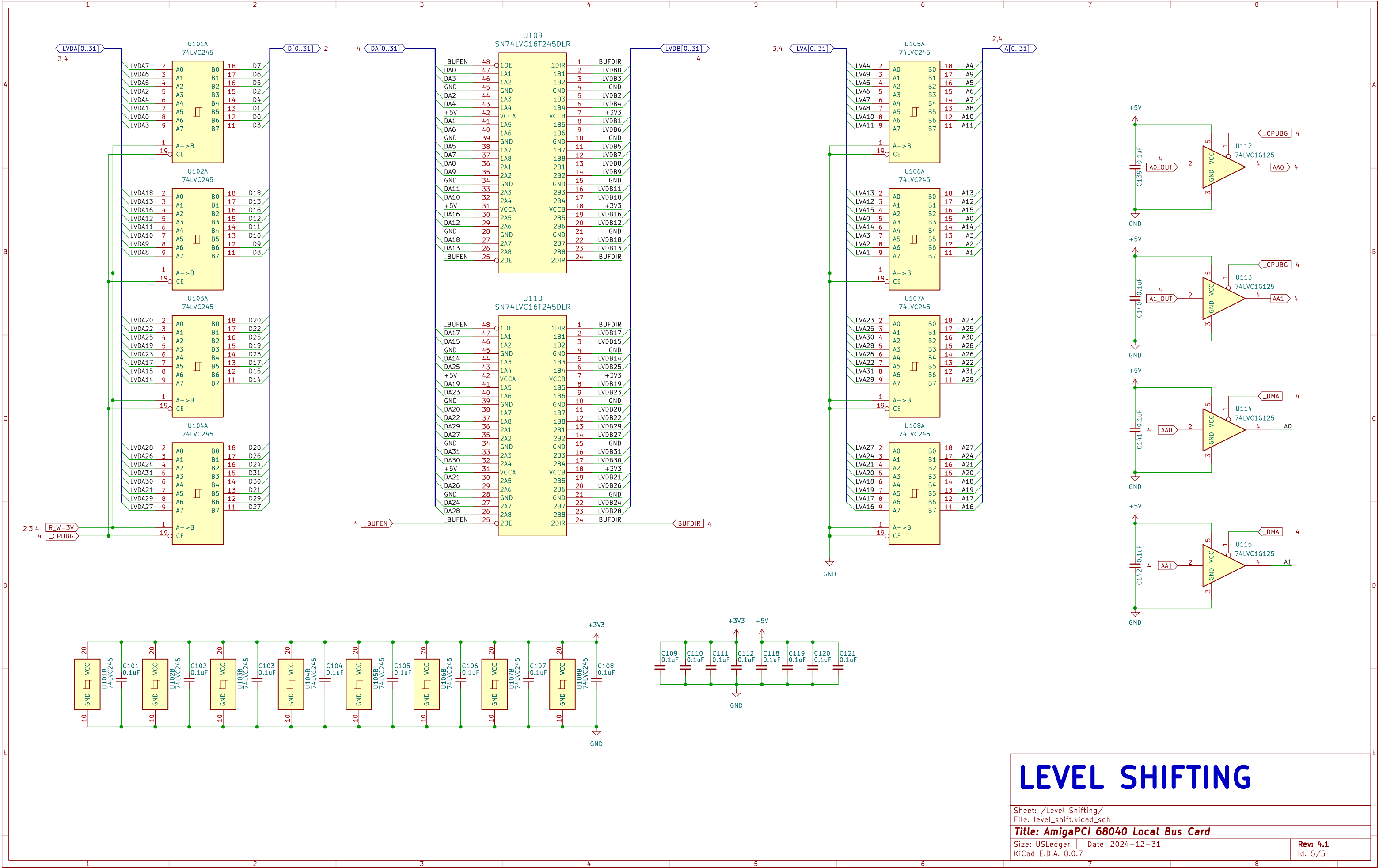
Title: AmigaPCI 68040 Local Bus Card

Size: B Date: 2024-12-31

KiCad E.D.A. 8.0.7

Rev: 4.1

Id: 4/5



# LEVEL SHIFTING