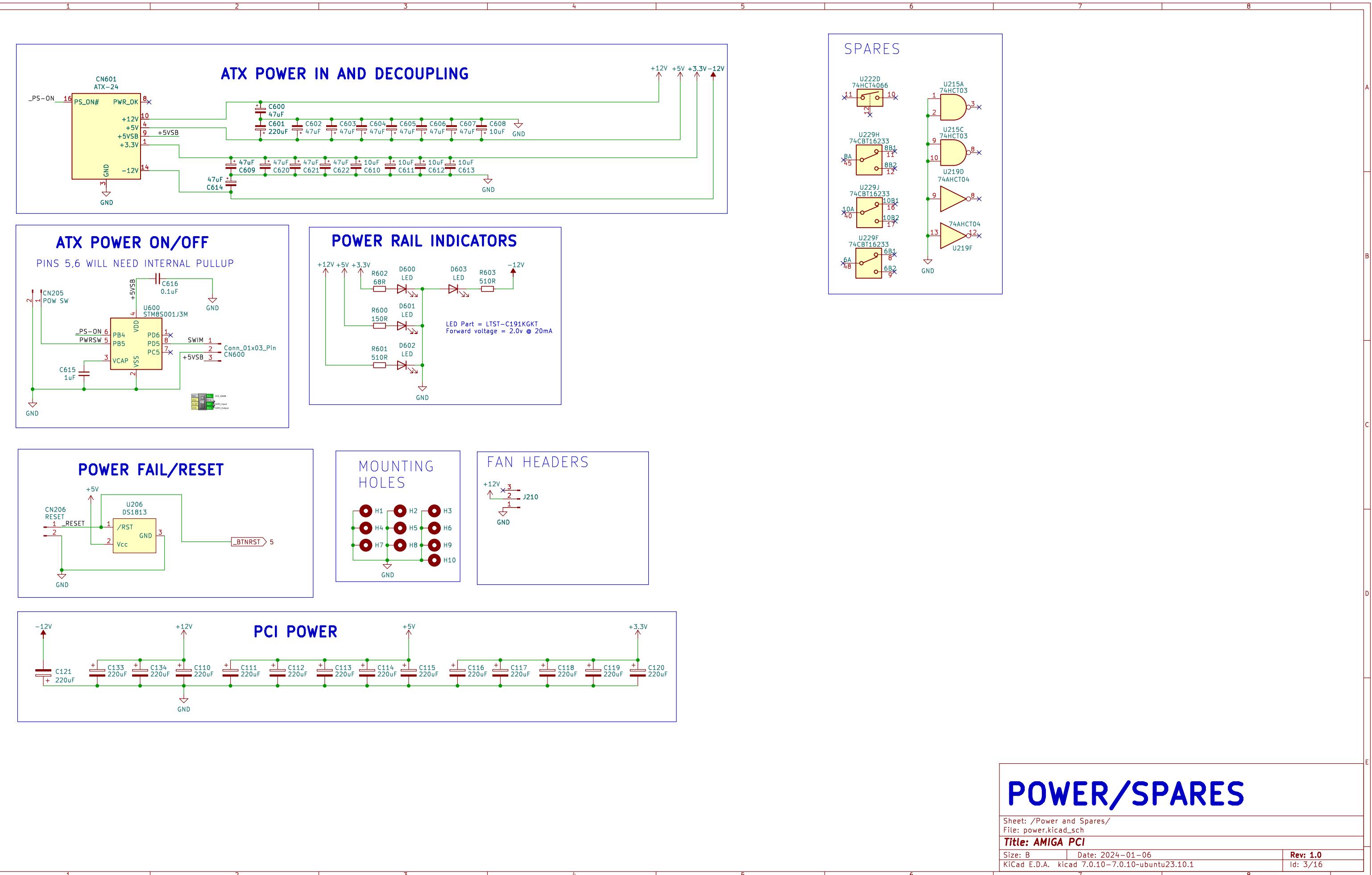
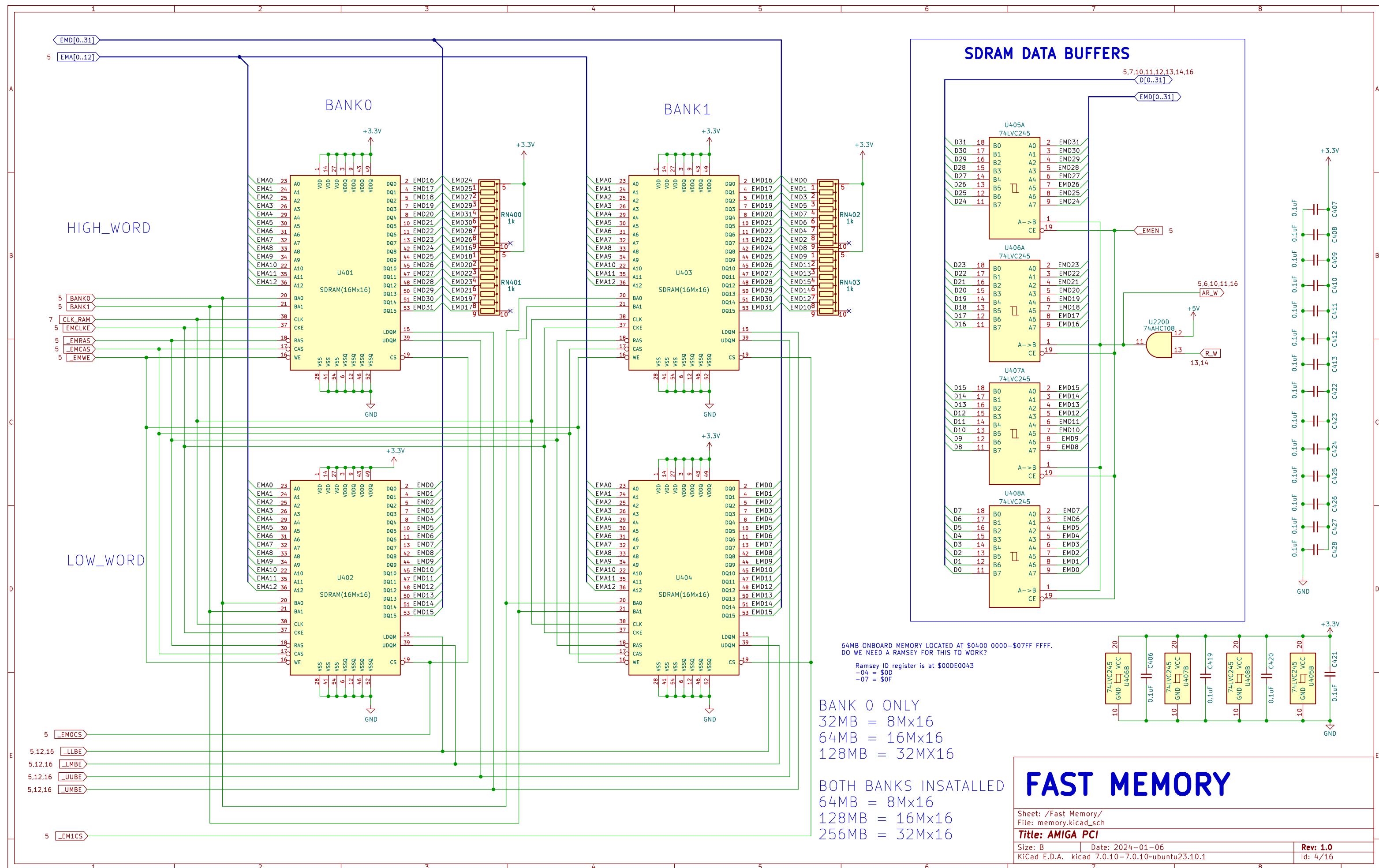
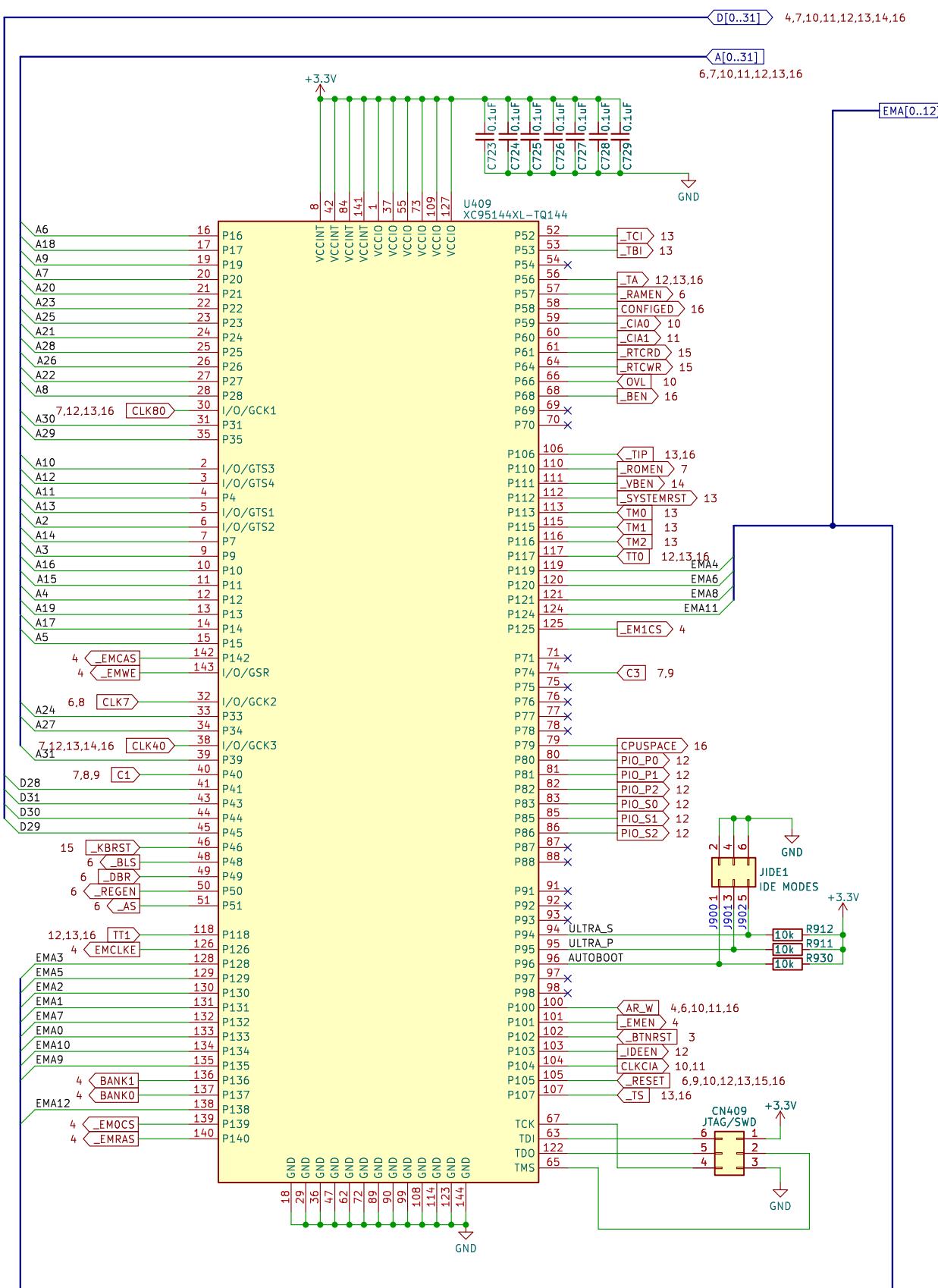


PULL ME!





U409 PROVIDES RAM, IDE, AND PCI BRIDGE AUTOCONFIG, ADDRESS DECODE, REPLACEMENT GARY FUNCTIONS, STARTUP AND KEYBOARD RESET, AND FAST RAM CONTROLLER.



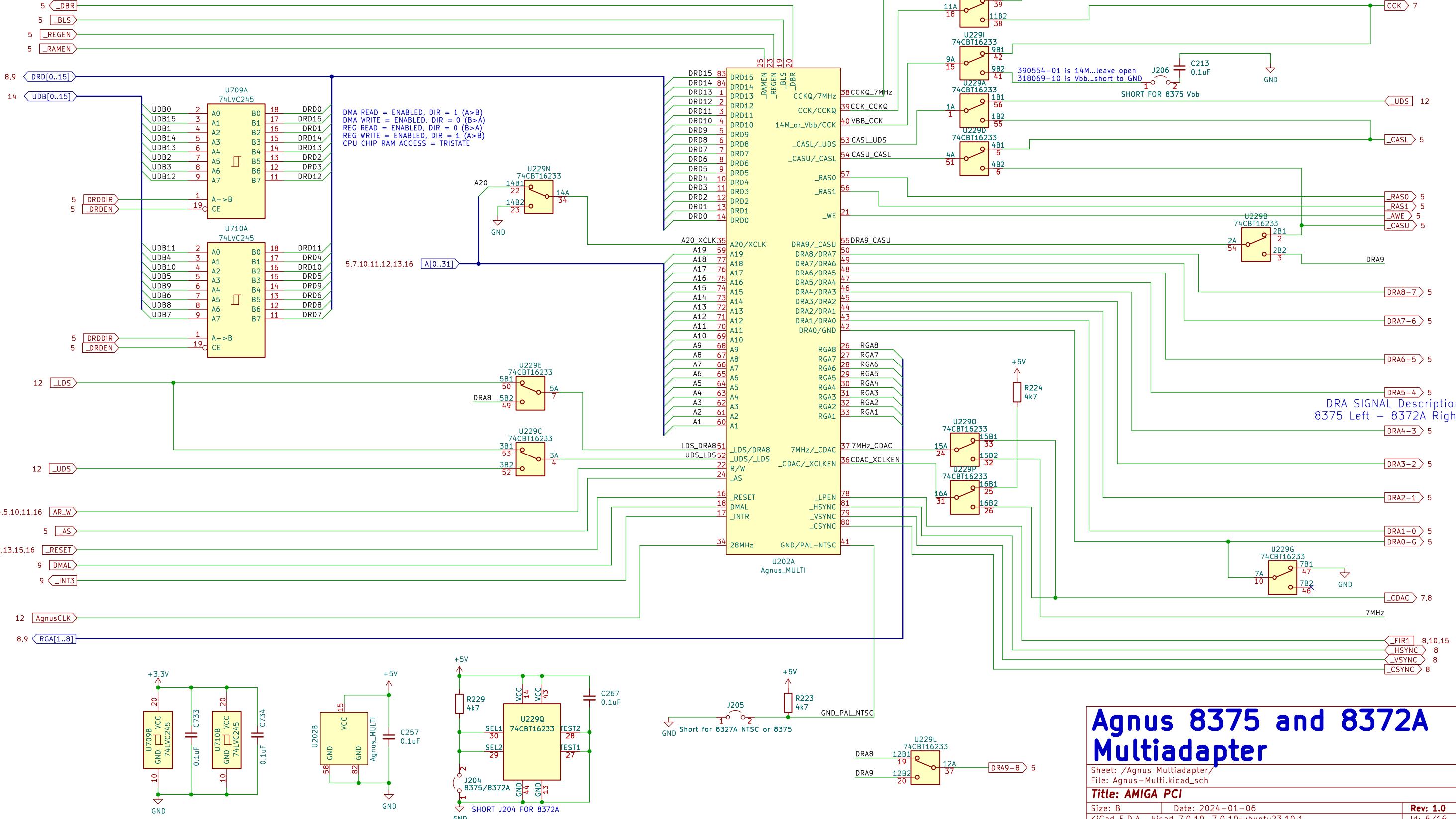
SUPPORTS 8372A (ALL PART NUMBERS)

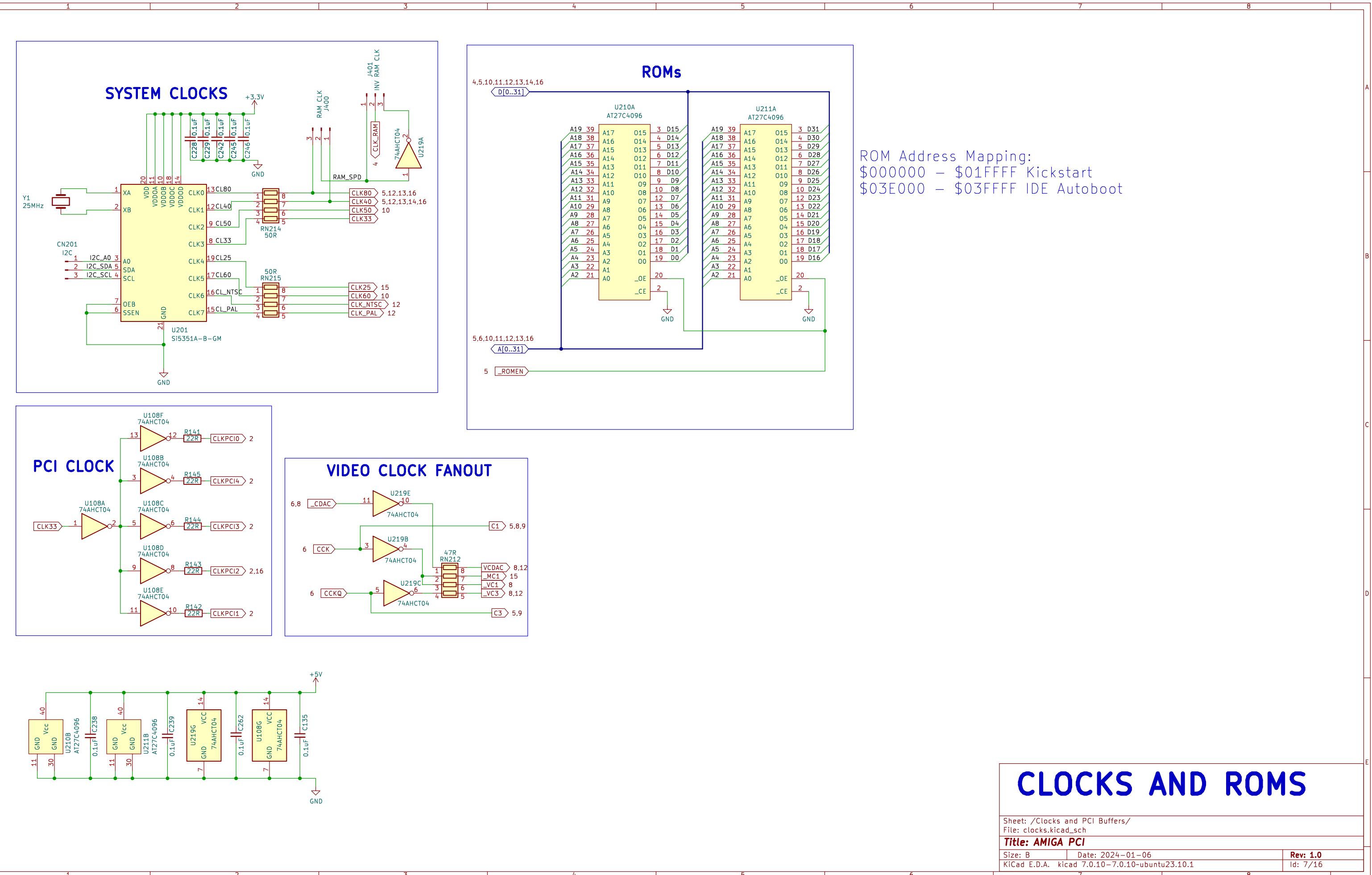
AND 8375 THE FOLLOWING PART NUMBERS:

390544-01 AND COMPATIBLE (390544-02, 390554-01, 390554-02,

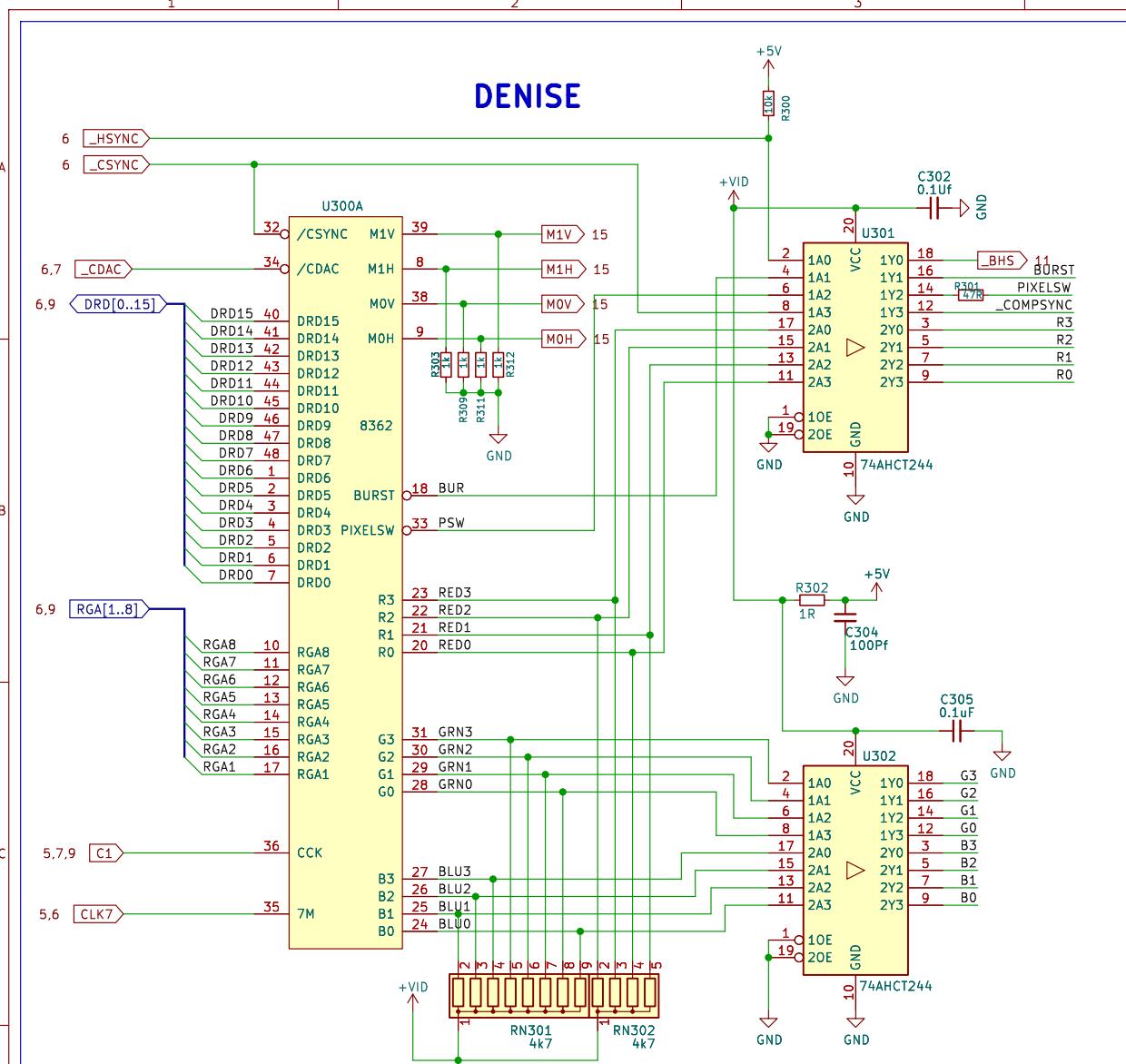
318069-12, 318069-13) AND 318069-10, 318069-11

JUMPERS MUST BE CONFIGURED BY AGNUS PART NUMBER

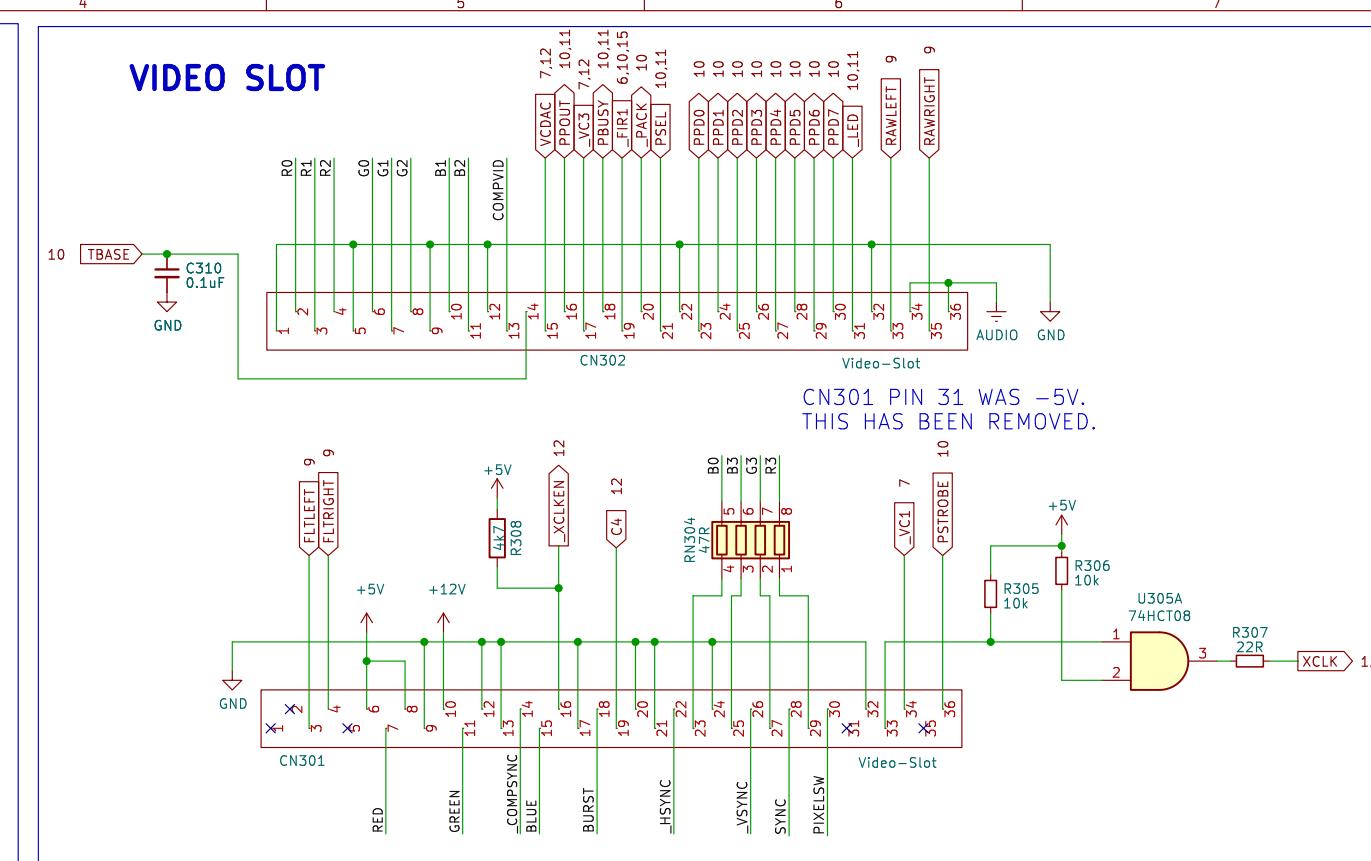




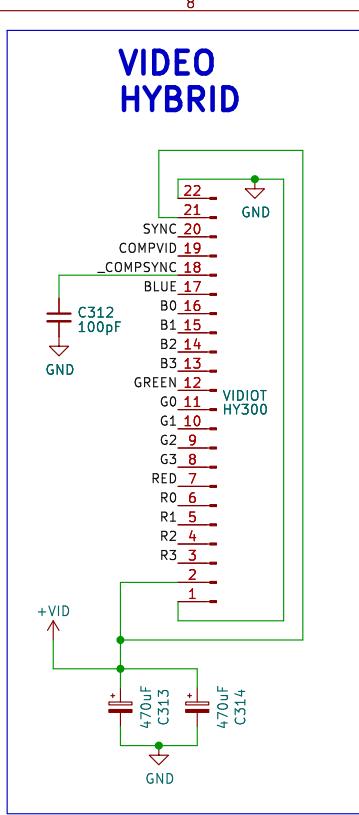
## DENISE



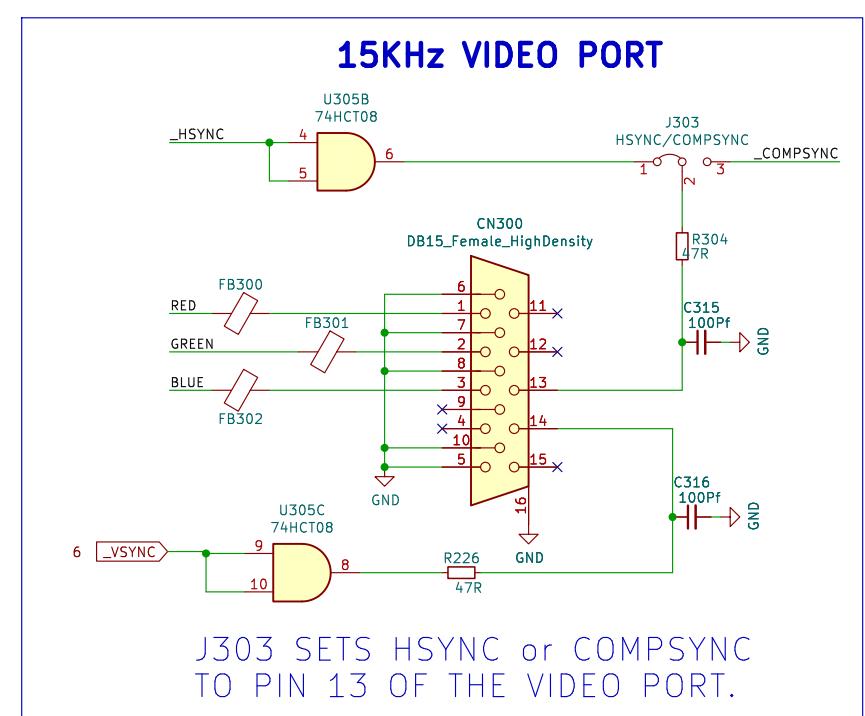
## VIDEO SLOT



## VIDEO HYBRID



## 15KHz VIDEO PORT

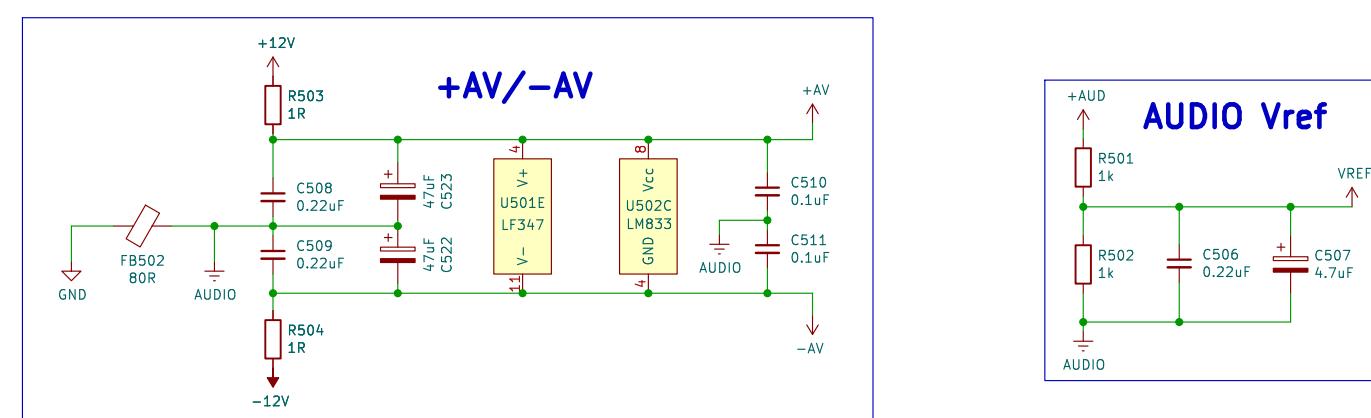
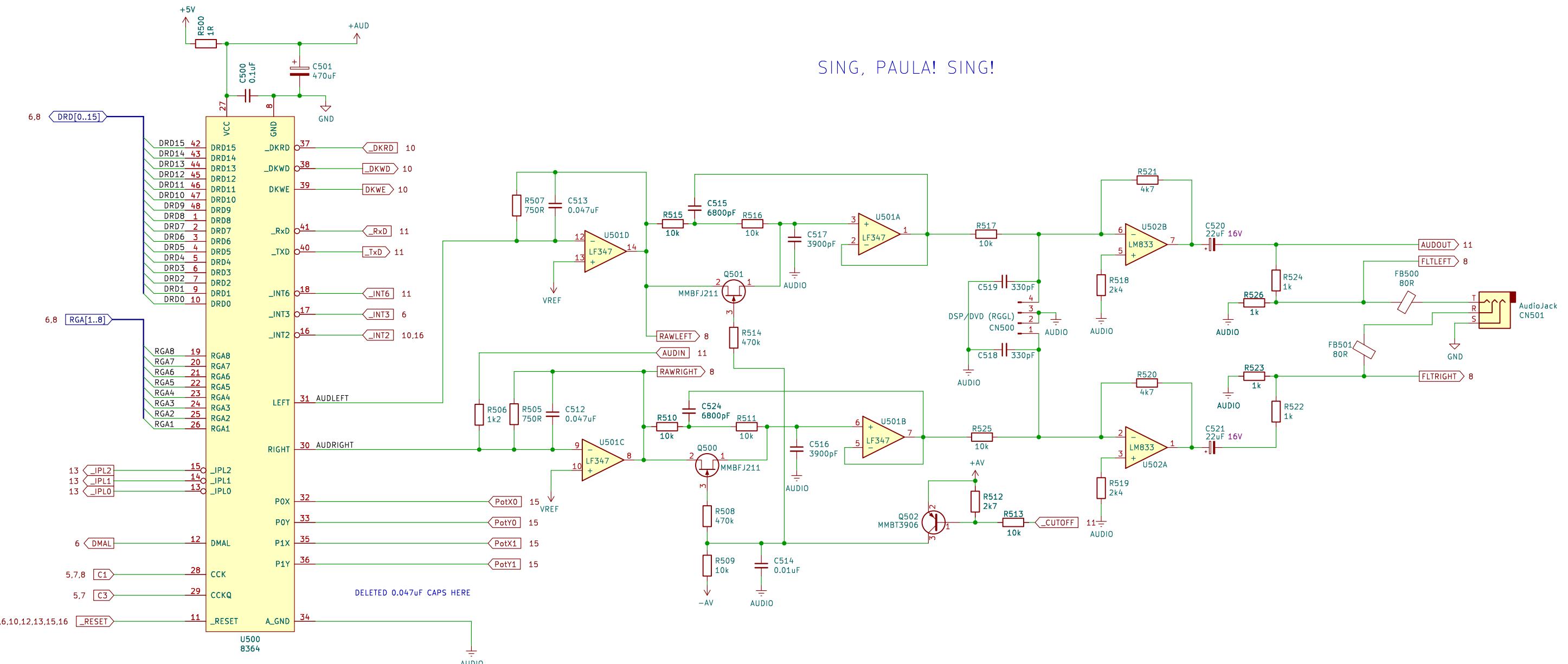


## VIDEO

Sheet: /Video/  
File: video.kicad\_sch

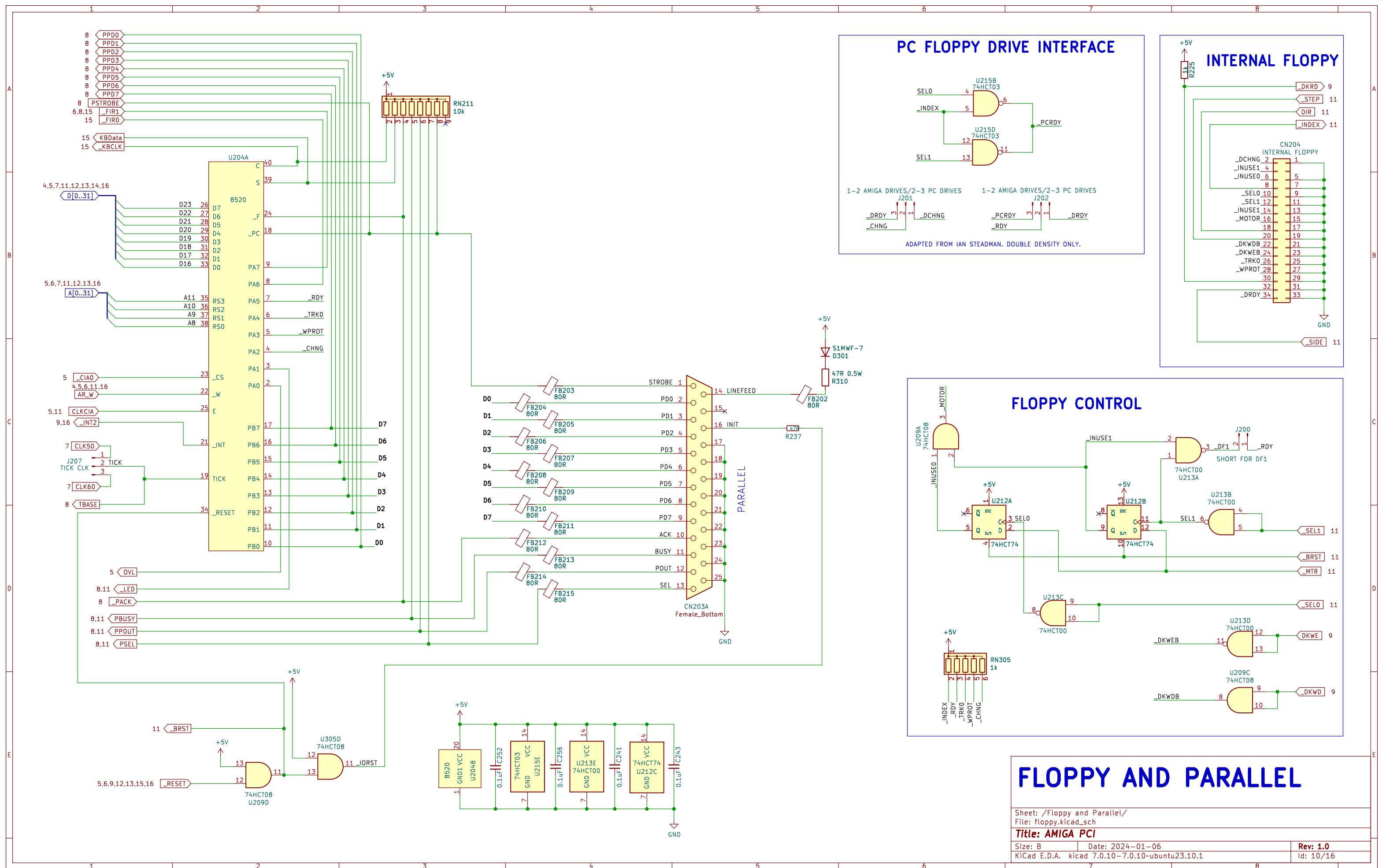
Title: AMIGA PCI

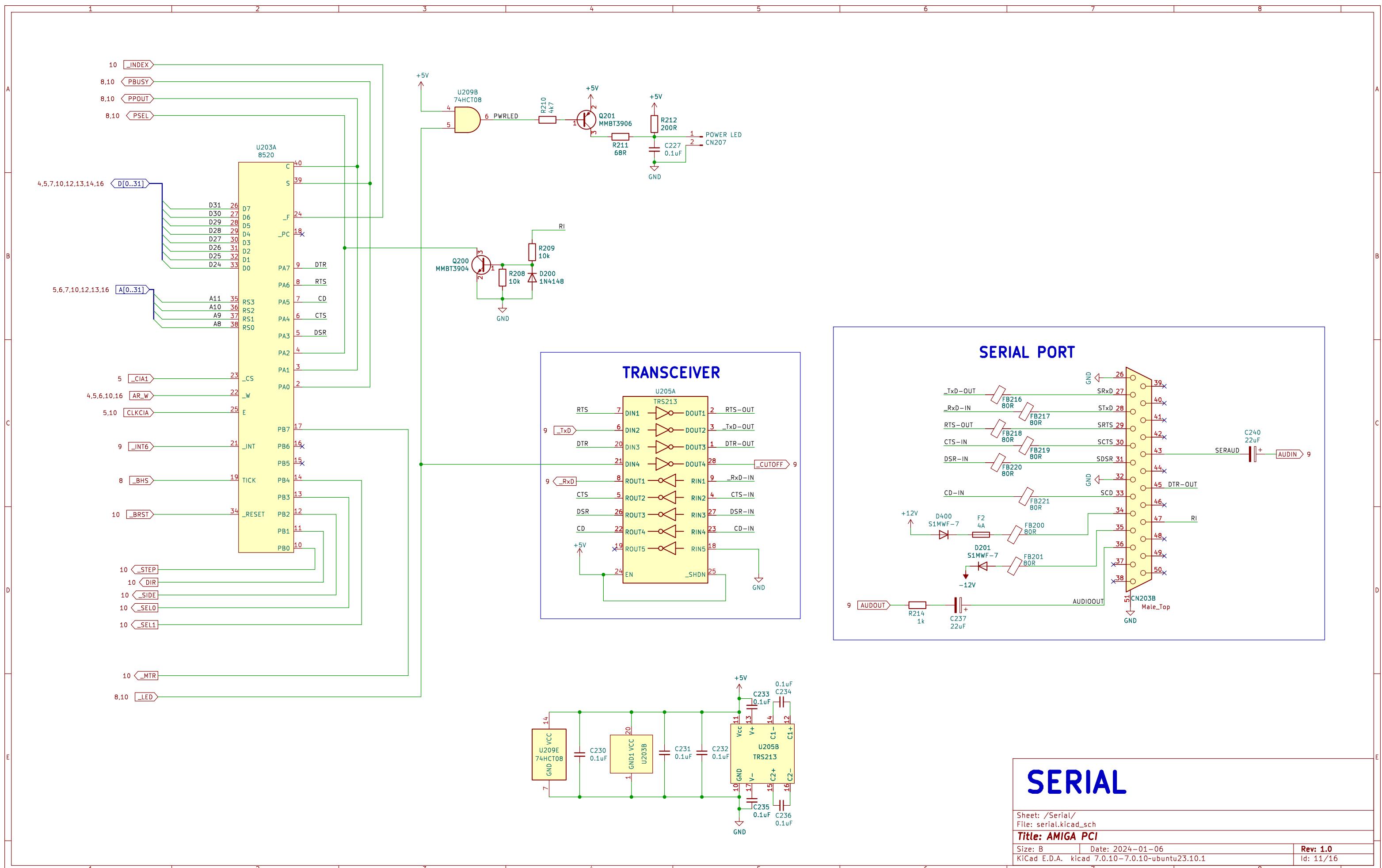
Size: B	Date: 2024-01-06	Rev: 1.0
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1		Id: 8/16

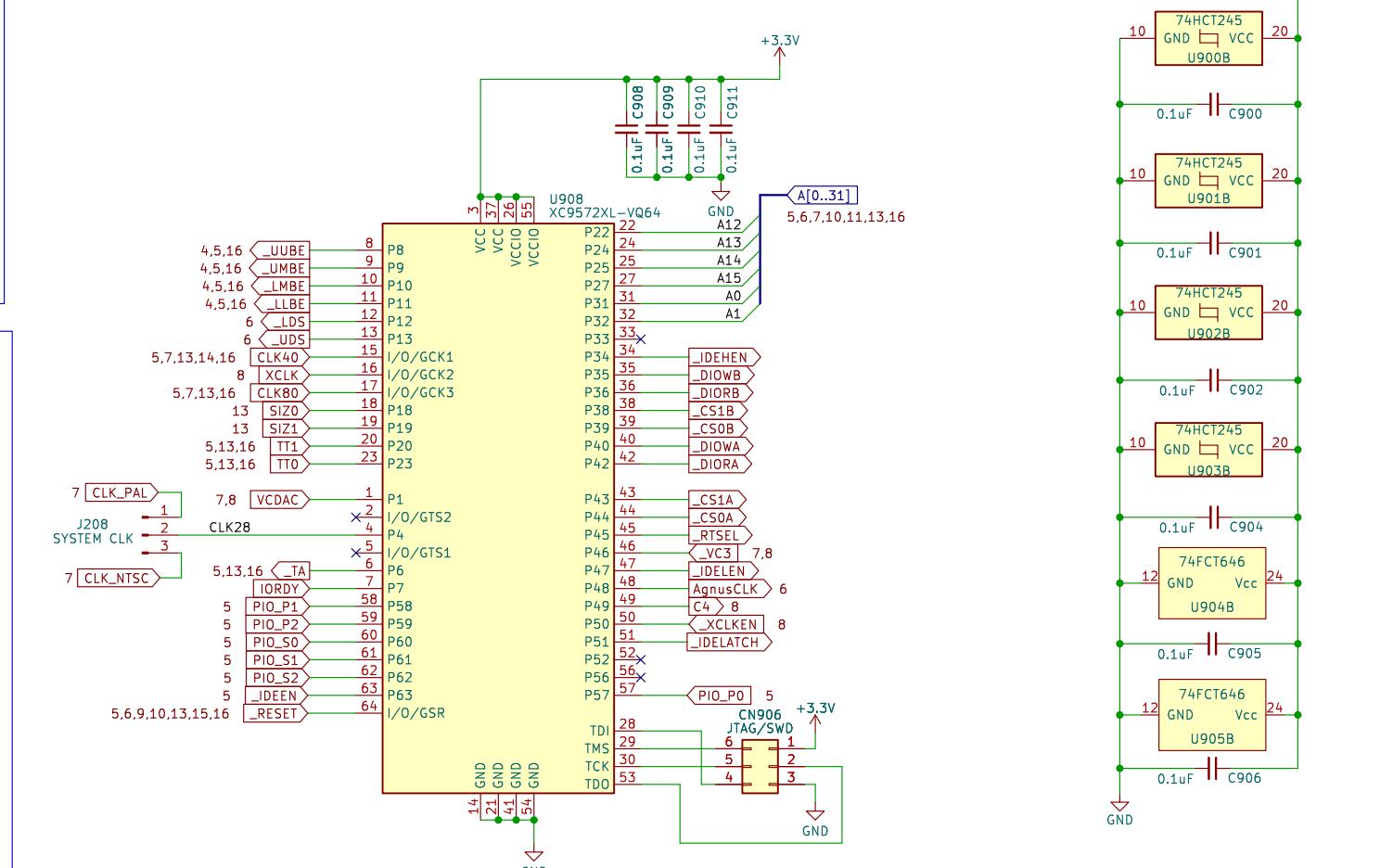
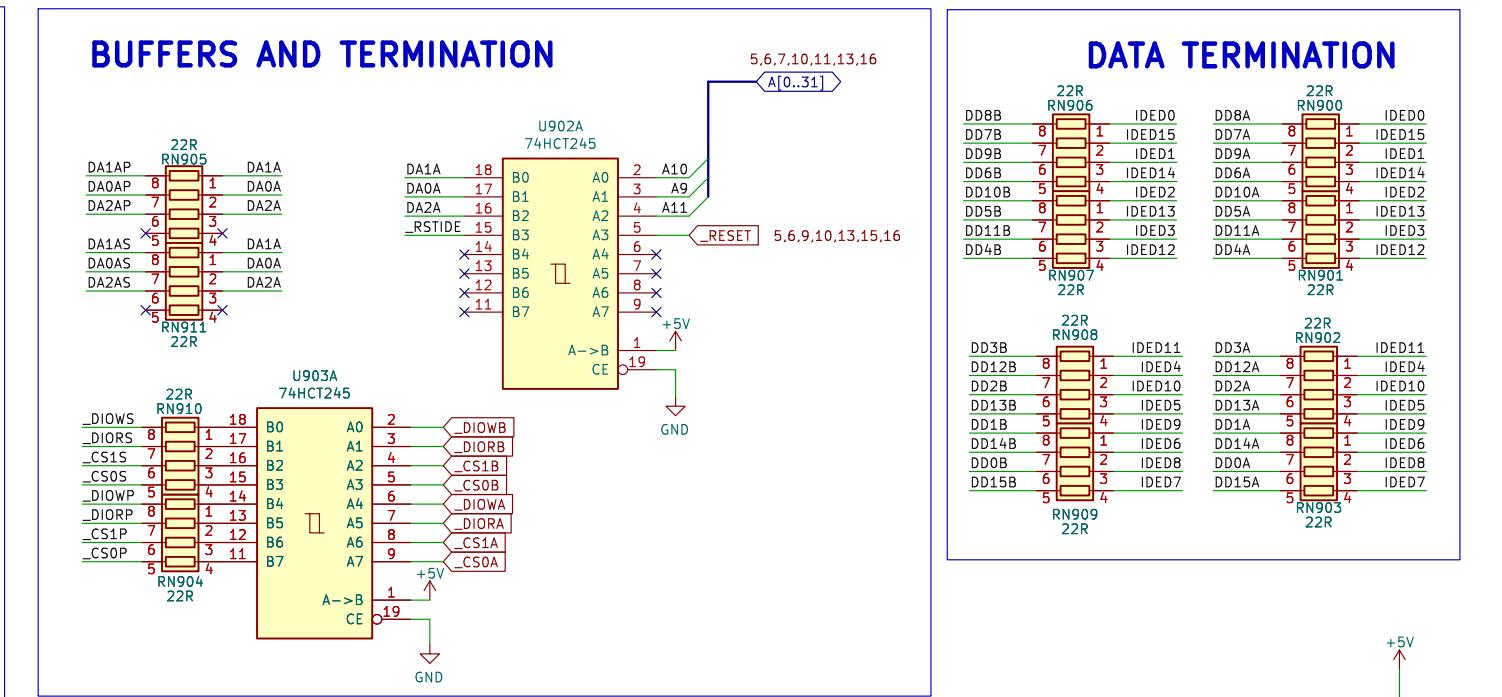
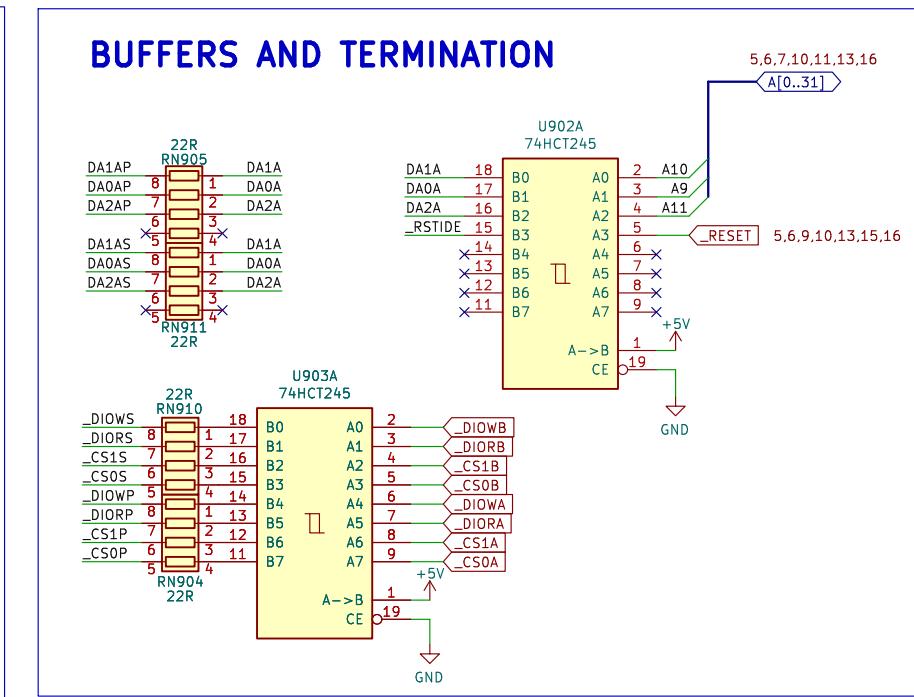
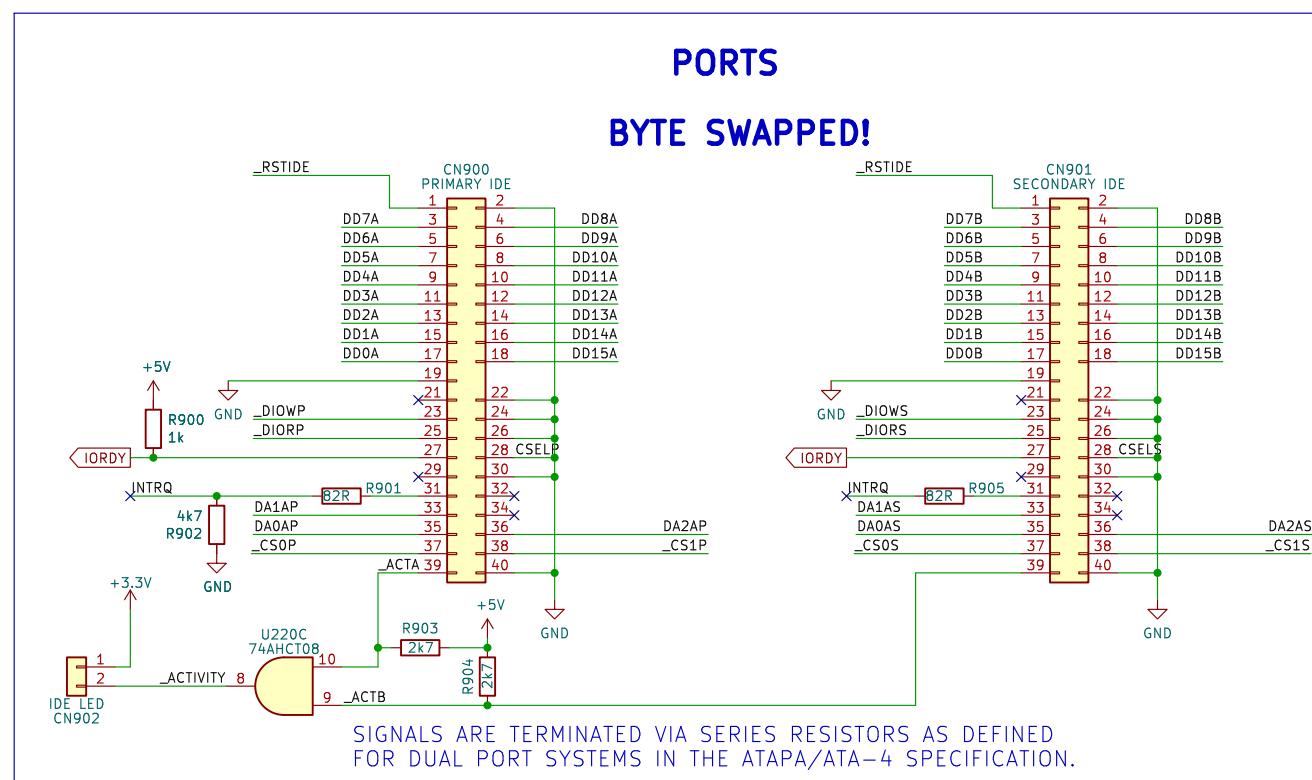
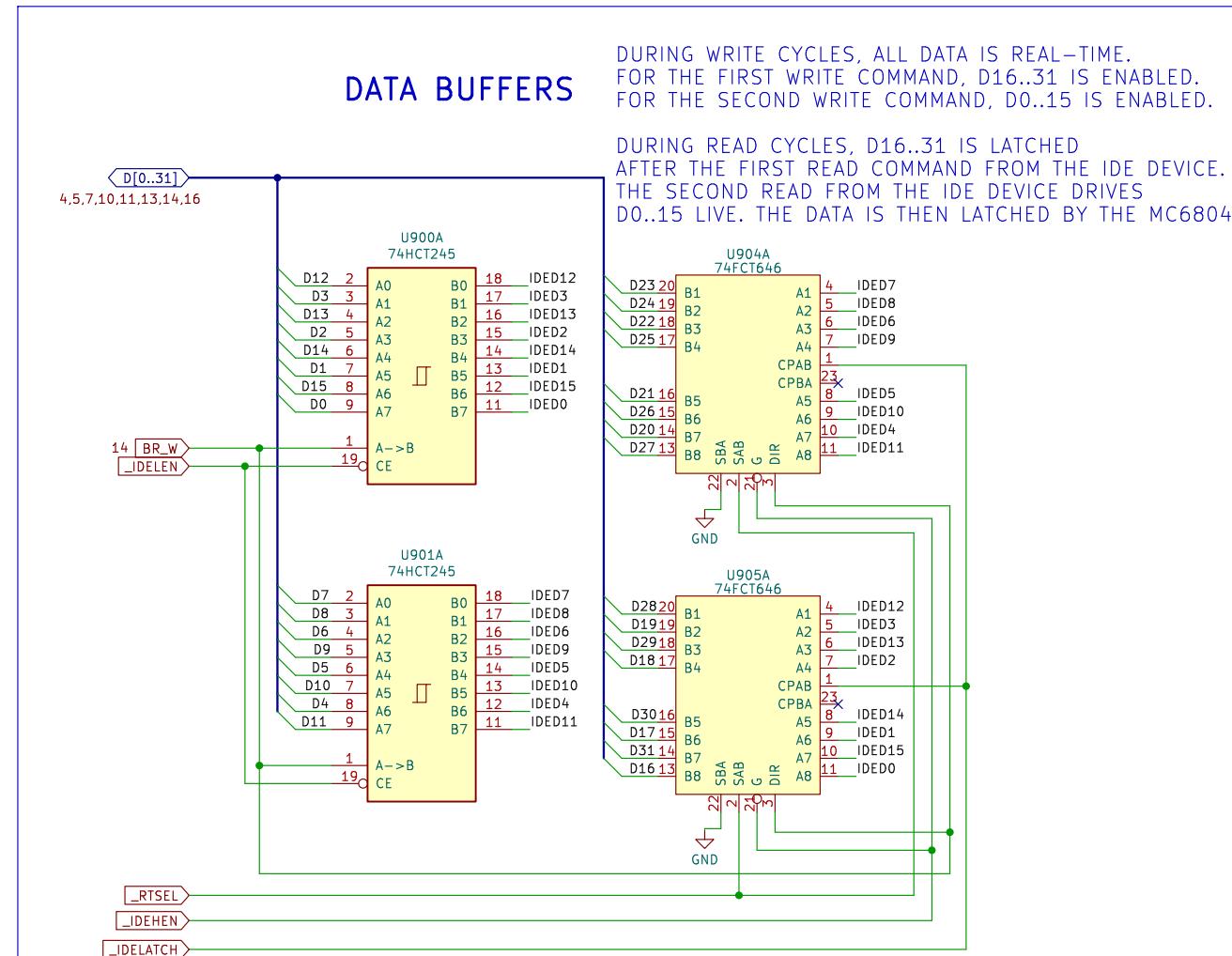


# PAULA/AUDIO

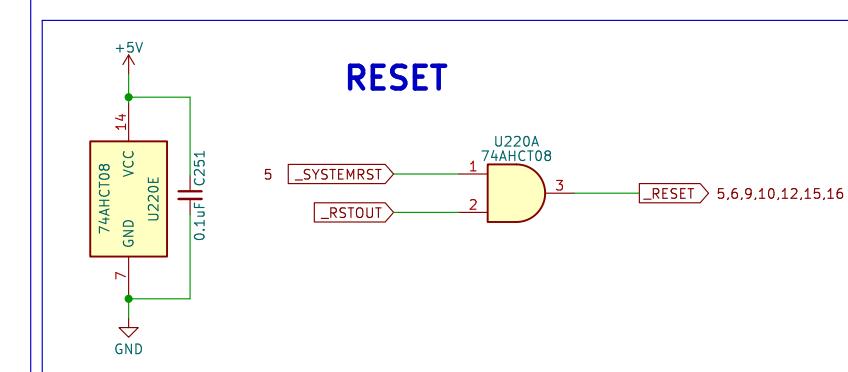
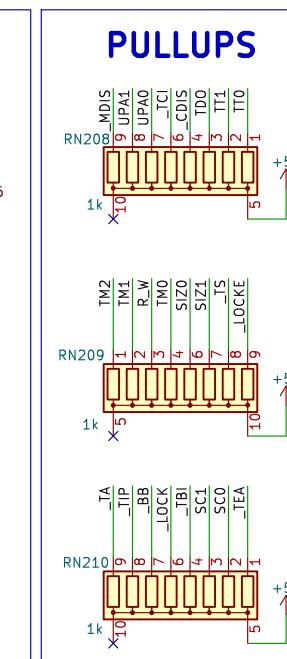
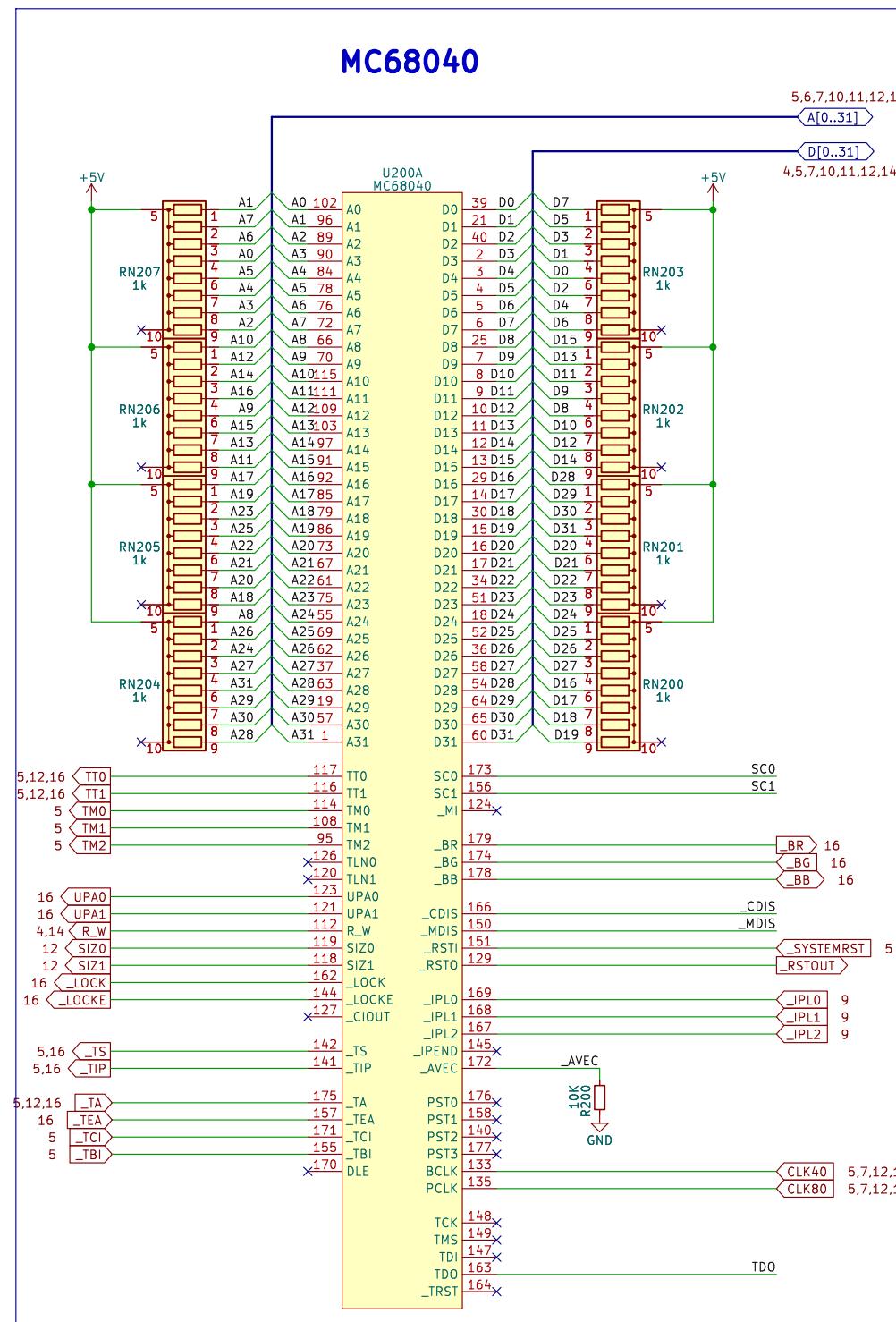
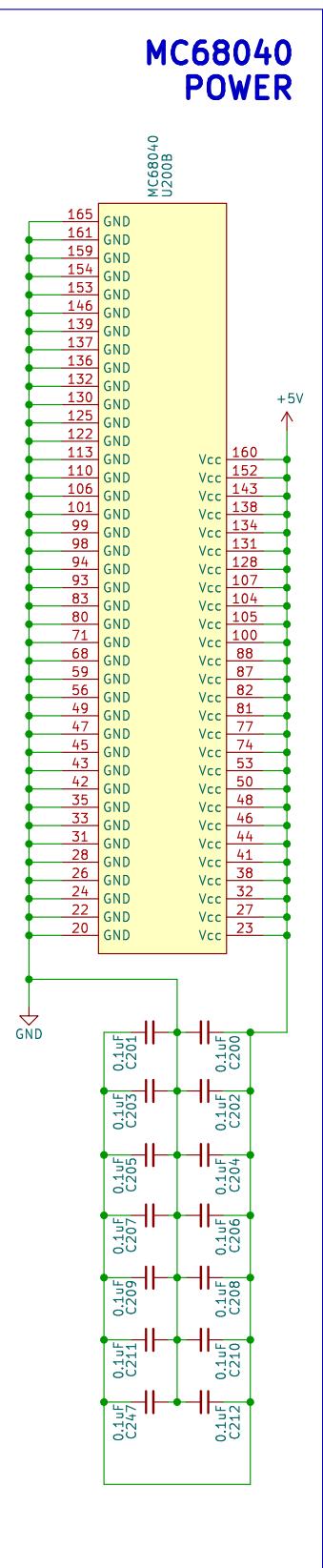
Sheet: /Audio/  
File: audio.kicad\_sch  
**Title: AMIGA PCI**  
Size: B Date: 2024-01-06  
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1 Rev: 1.0  
Id: 9/16







Sheet: /IDE Interface/	
File: IDE.kicad_sch	
Title: AMIGA PCI	
Size: B	Date: 2024-01-06
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1	Rev: 1.0
	Id: 12/16



**CPU**

Sheet: /CPU/  
File: cpu.kicad\_sch

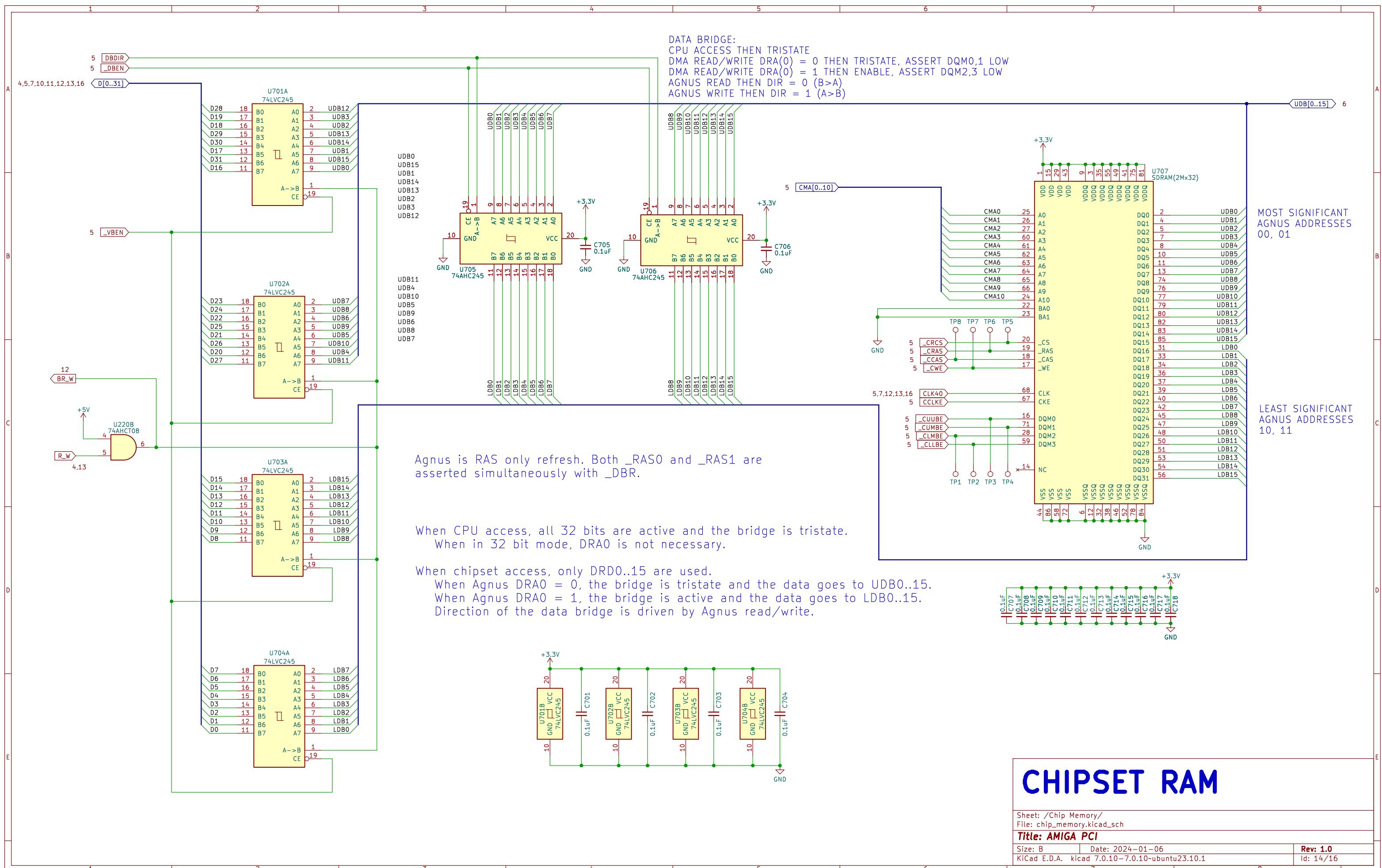
Title: AMIGA PCI

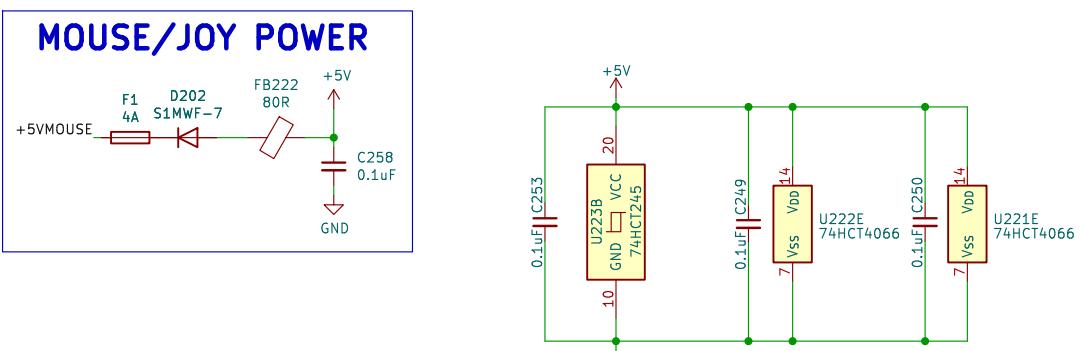
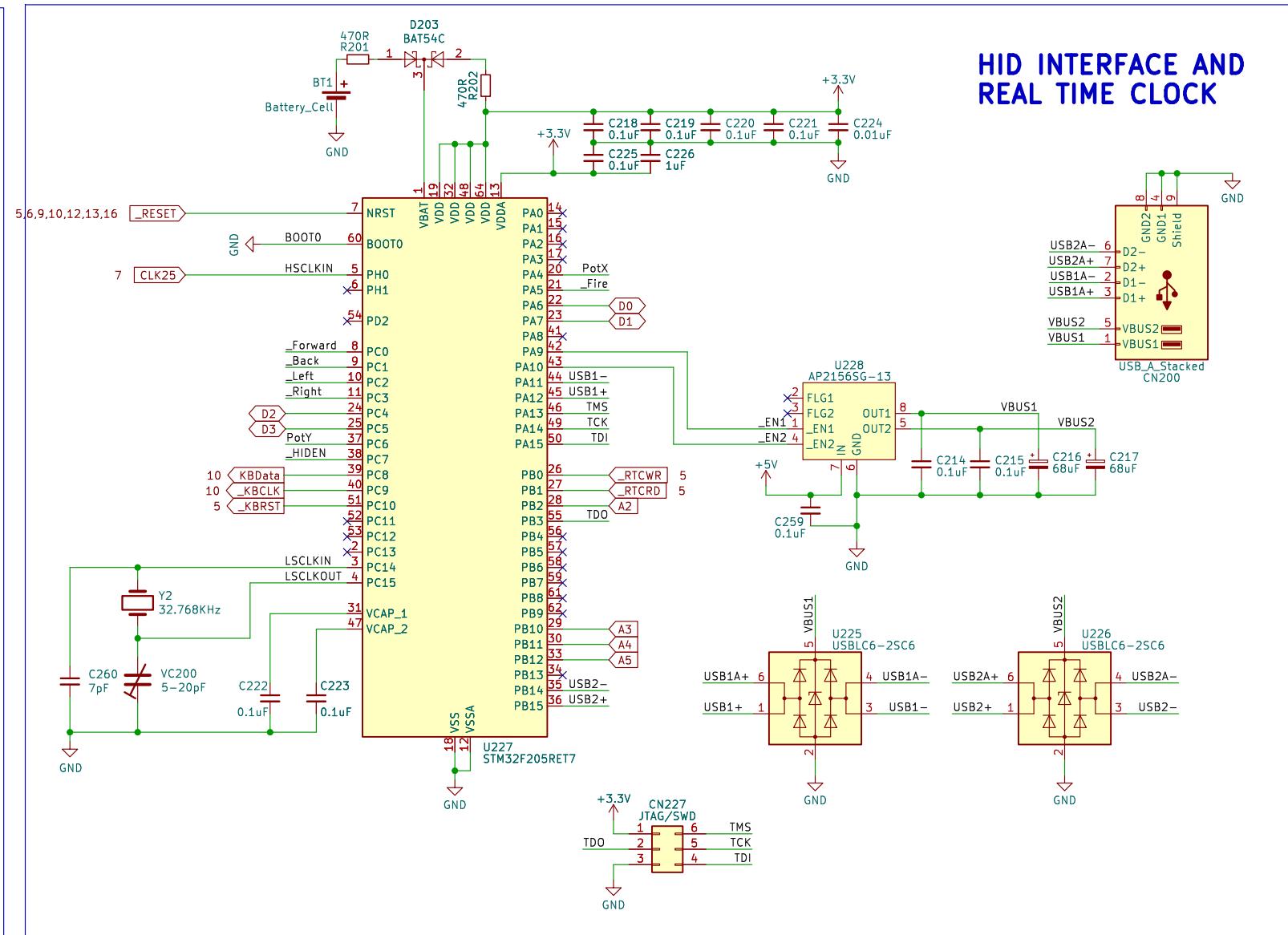
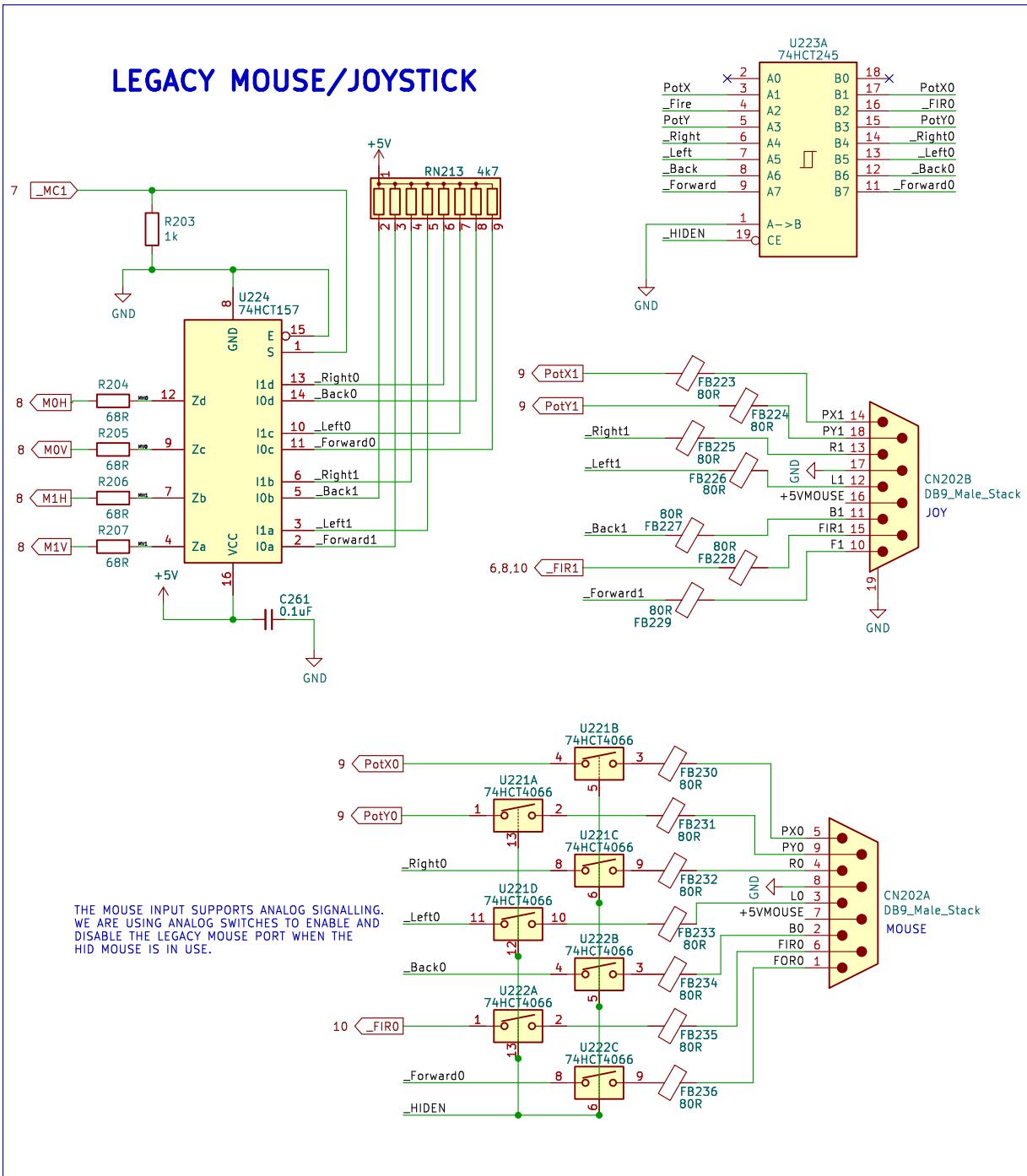
Size: B Date: 2024-01-06  
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1

Rev: 1.0  
Id: 13/16

**MC68040 PREFERRED HEATSINK:**  
ATS-CPX060060025-132-C1-R0 x 1  
ATS-HK127-R0 x 4

**ALTERNATE HEATSINK:**  
BDN18-6CB/A01



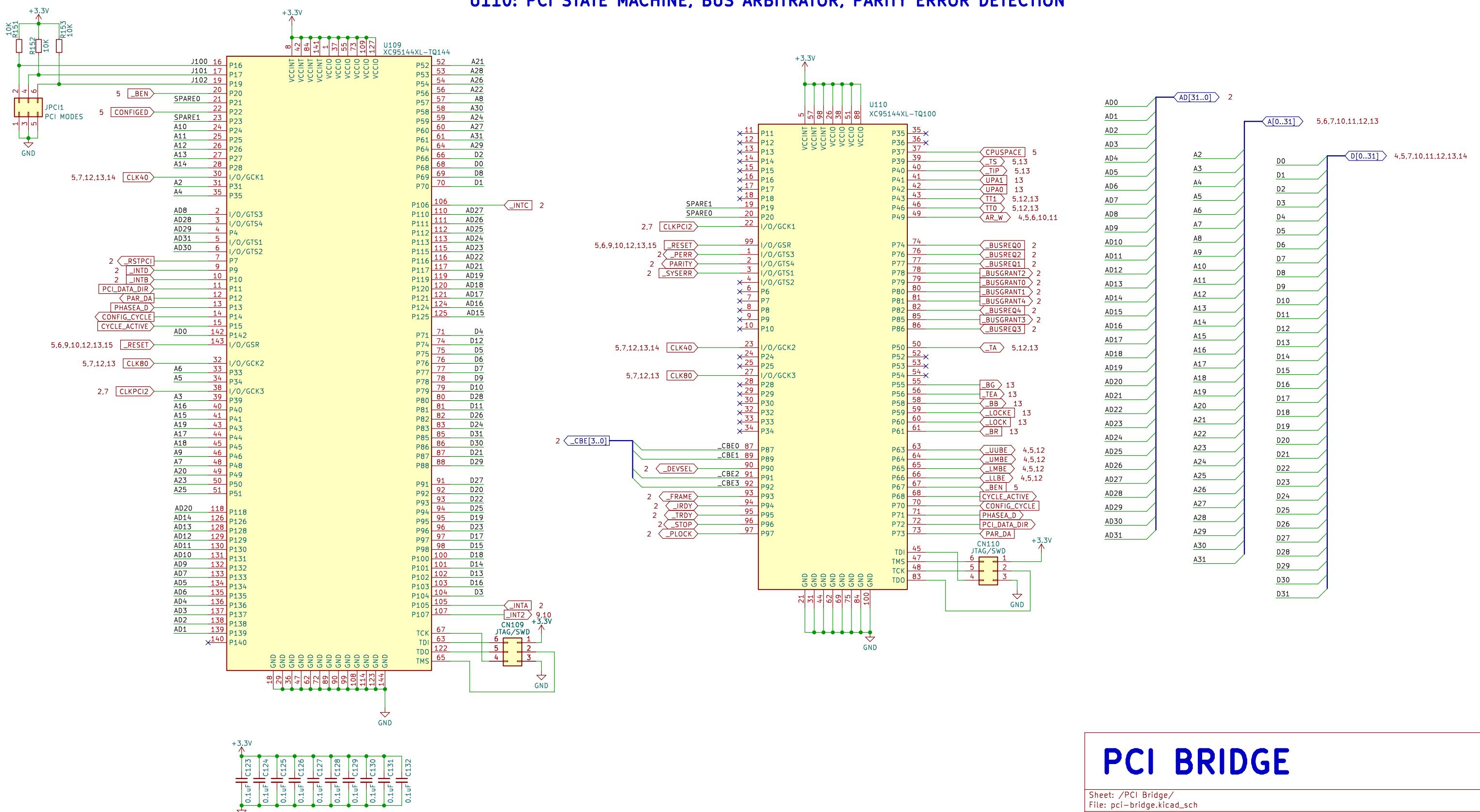


**HID and USER PORTS**

Sheet: /HID and User Ports/  
File: hid.kicad\_sch  
**Title: AMIGA PCI**  
Size: B Date: 2024-01-06 Rev: 1.0  
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1 Id: 15/16

**U109: BUFFERS AD/D/A BUSSES, AD PARITY CALC, INTERRUPT HANDLING, AUTOCONFIG, BRIDGE REGISTERS**

U110: PCI STATE MACHINE, BUS ARBITRATOR, PARITY ERROR DETECTION



# PCI BRIDGE

Sheet: /PCI\_Bridge/  
File: pci-bridge.kicad\_sch

## Title: AMIGA PCI