

FAST MEMORY

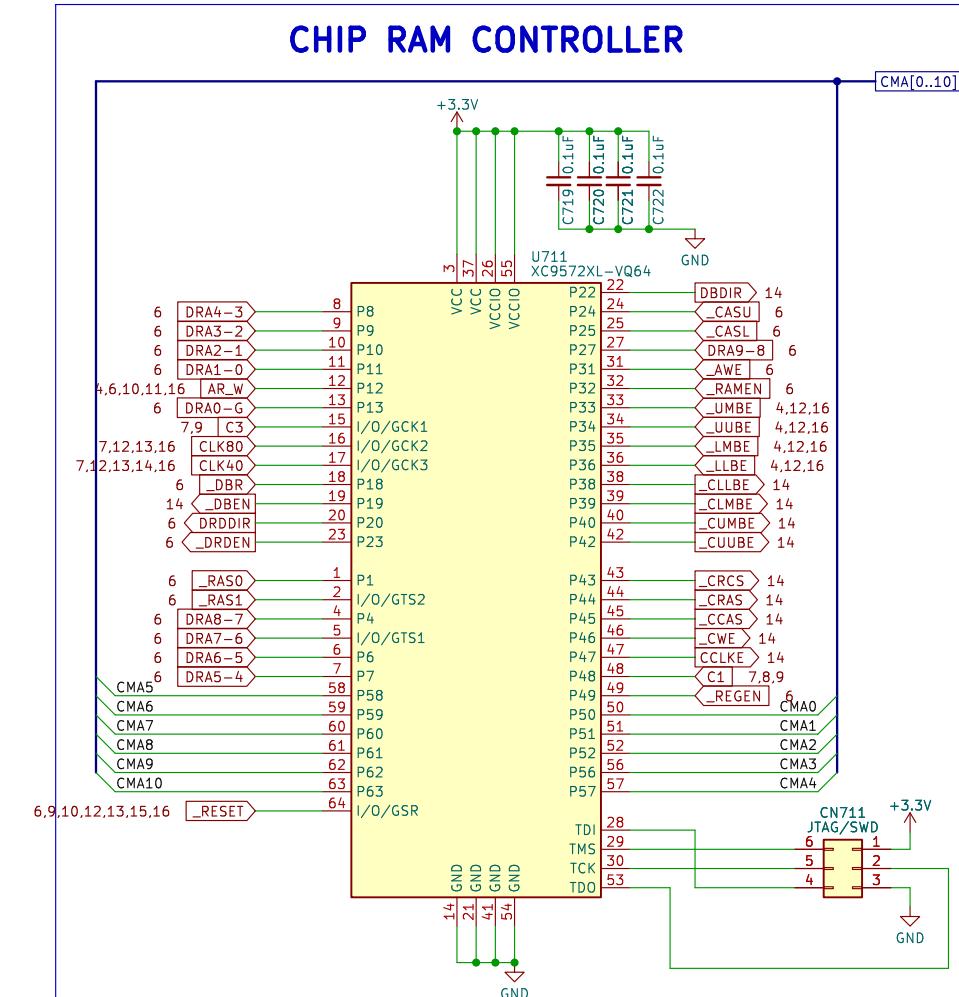
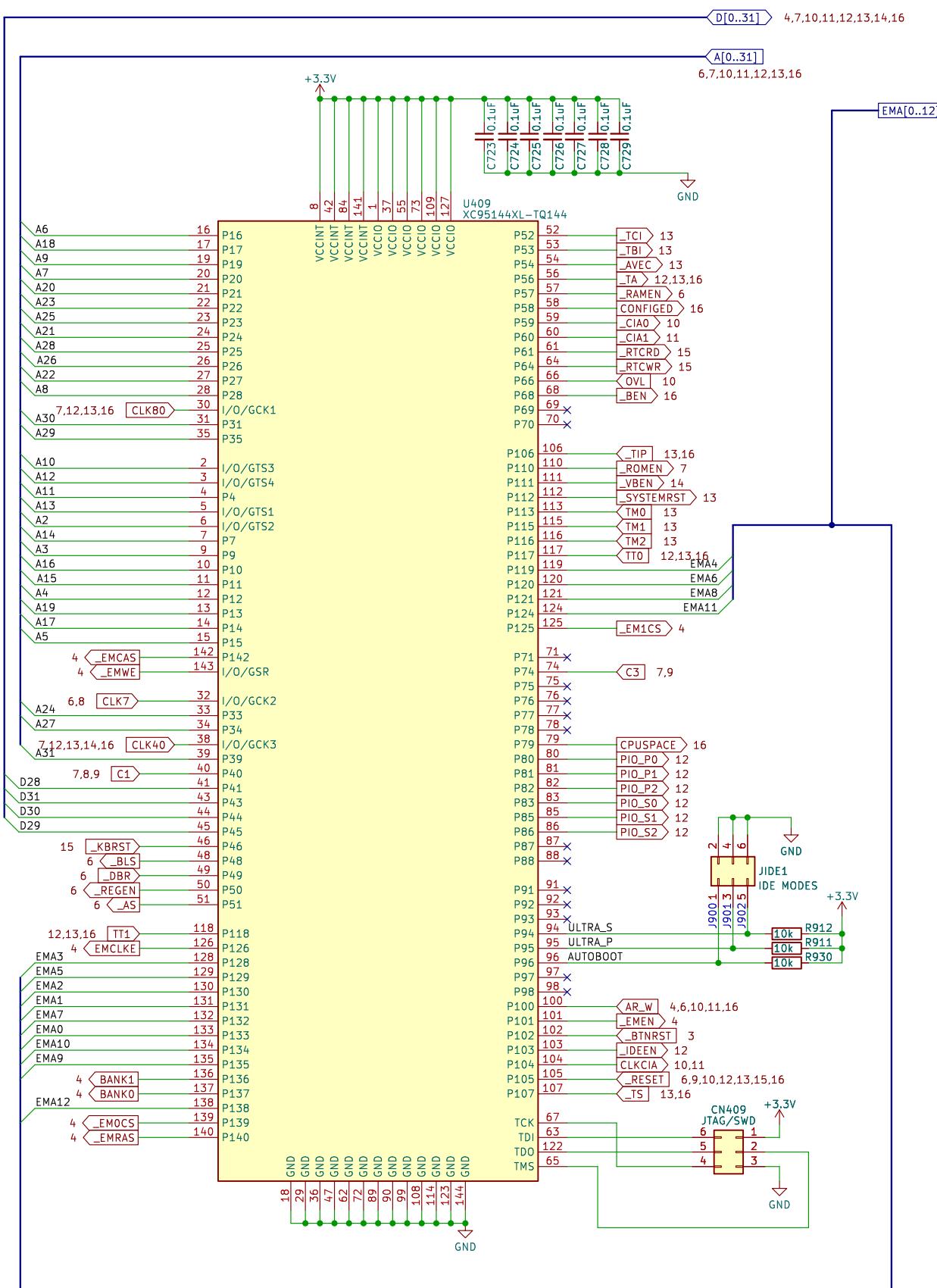
Sheet: /Fast Memory/
File: memory.kicad_sch

Title: AMIGA PCI

Size: B Date: 2023-12-31
KiCad E.D.A. kicad 7.0.10~ubuntu23.10.1

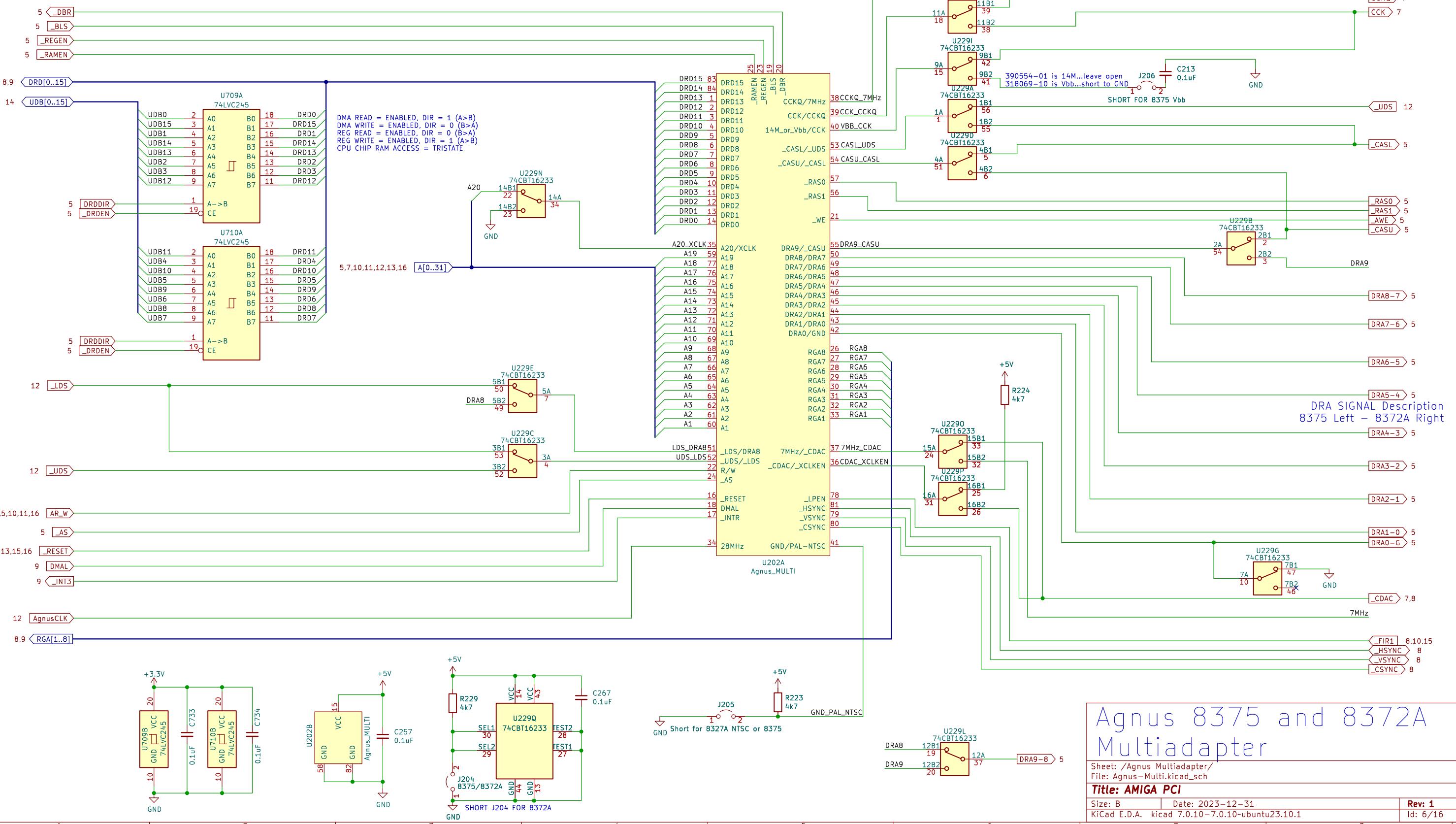
Rev: 1
Id: 4/16

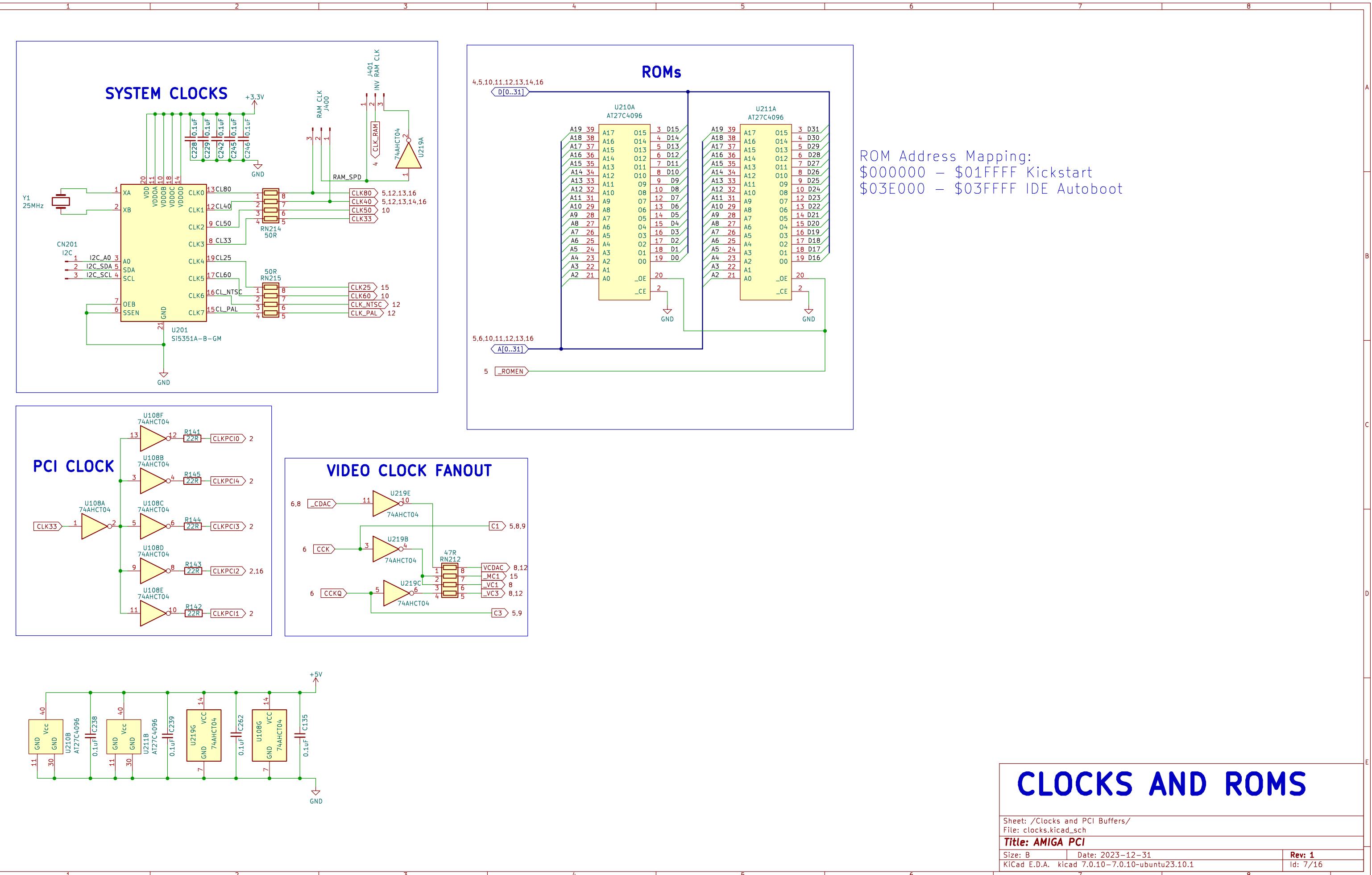
U409 PROVIDES RAM, IDE, AND PCI BRIDGE AUTOCONFIG, ADDRESS DECODE, REPLACEMENT GARY FUNCTIONS, STARTUP AND KEYBOARD RESET, AND FAST RAM CONTROLLER.



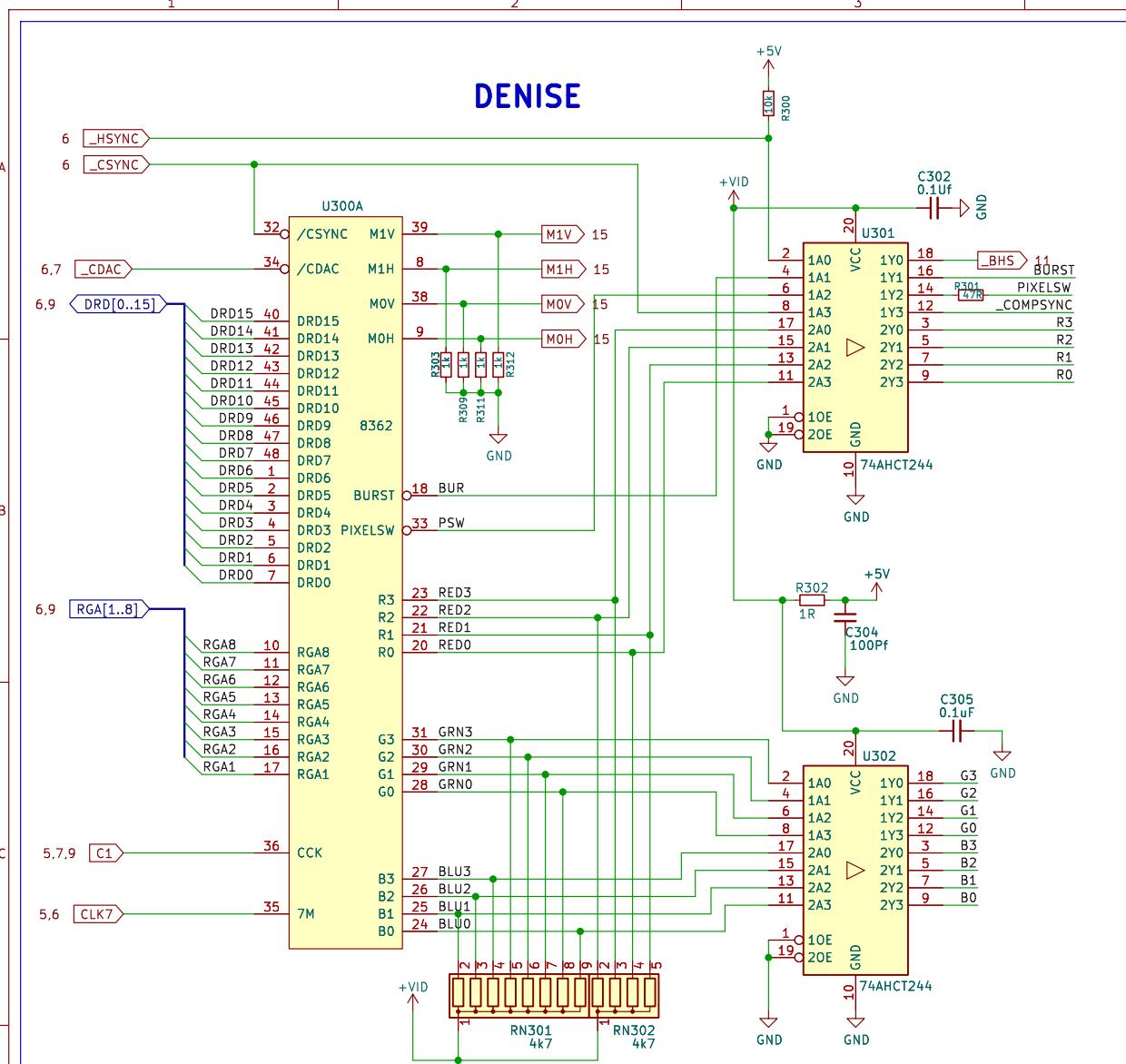
SUPPORTS 8372A (ALL PART NUMBERS)
AND 8375 THE FOLLOWING PART NUMBERS:
390544-01 AND COMPATIBLE (390544-02, 390554-01, 390554-02,
318069-12, 318069-13) AND 318069-10, 318069-11

JUMPERS MUST BE CONFIGURED BY AGNUS PART NUMBER

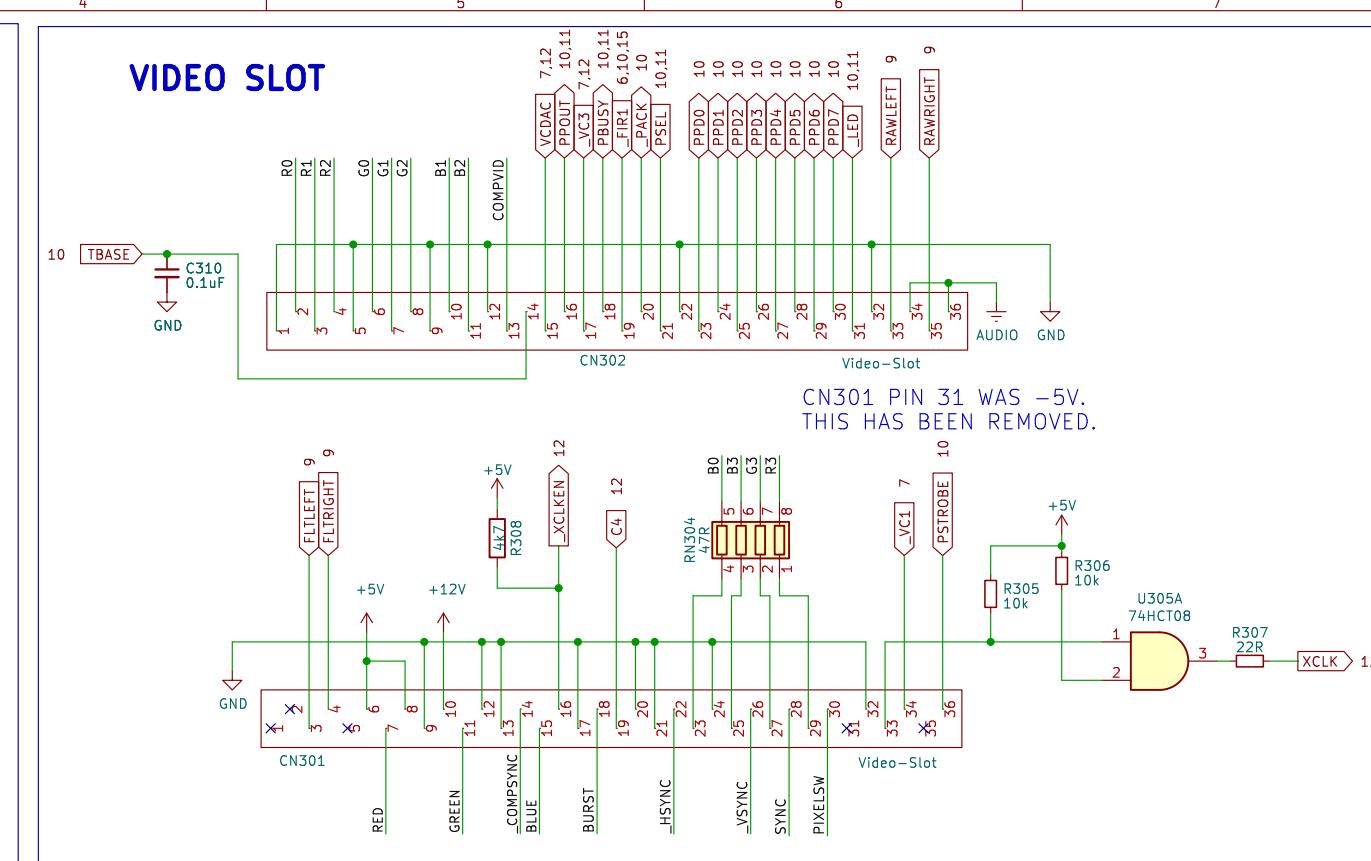




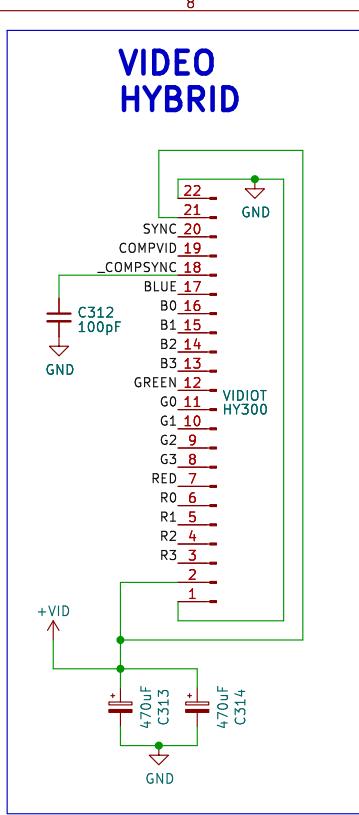
DENISE



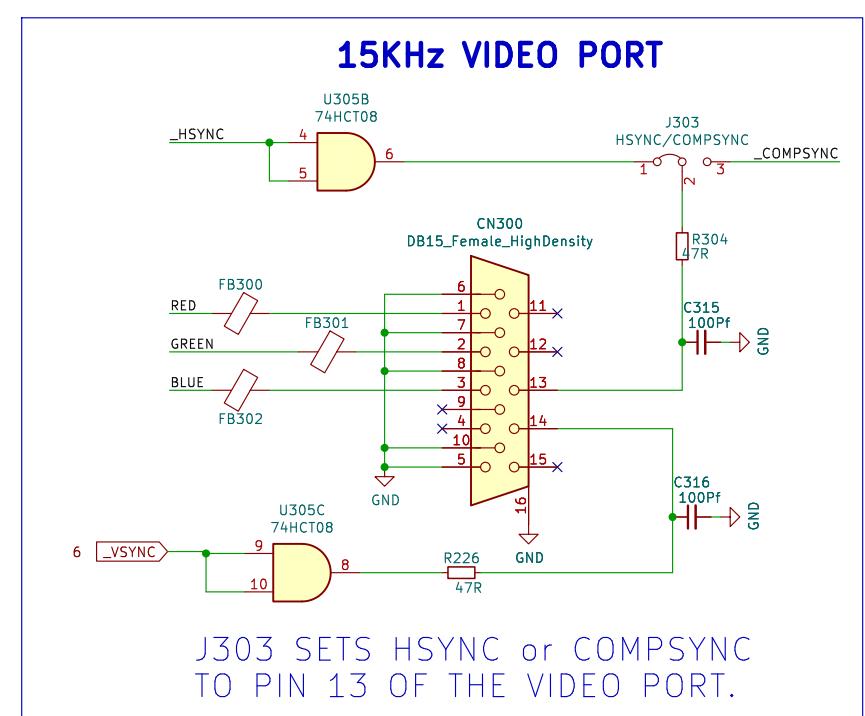
VIDEO SLOT



VIDEO HYBRID



15KHz VIDEO PORT



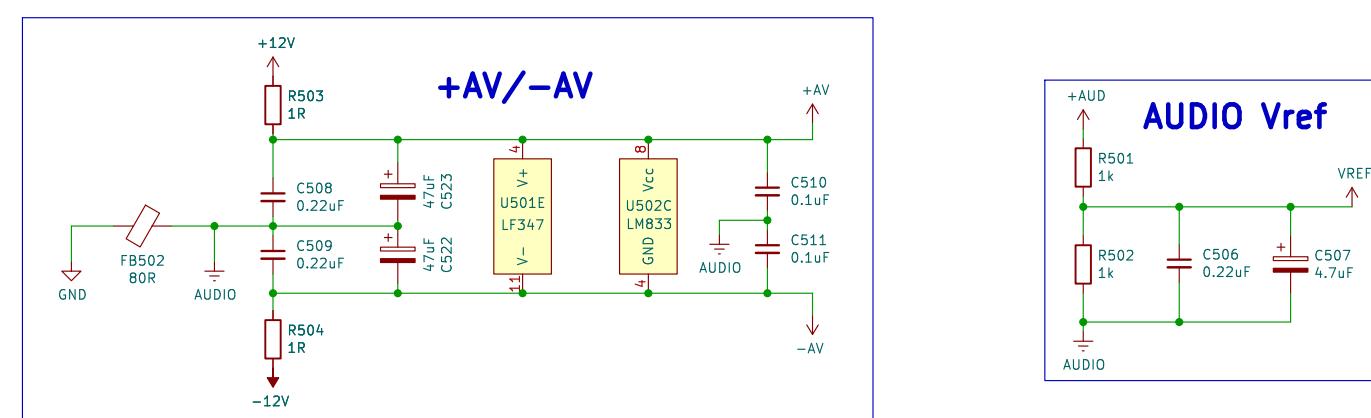
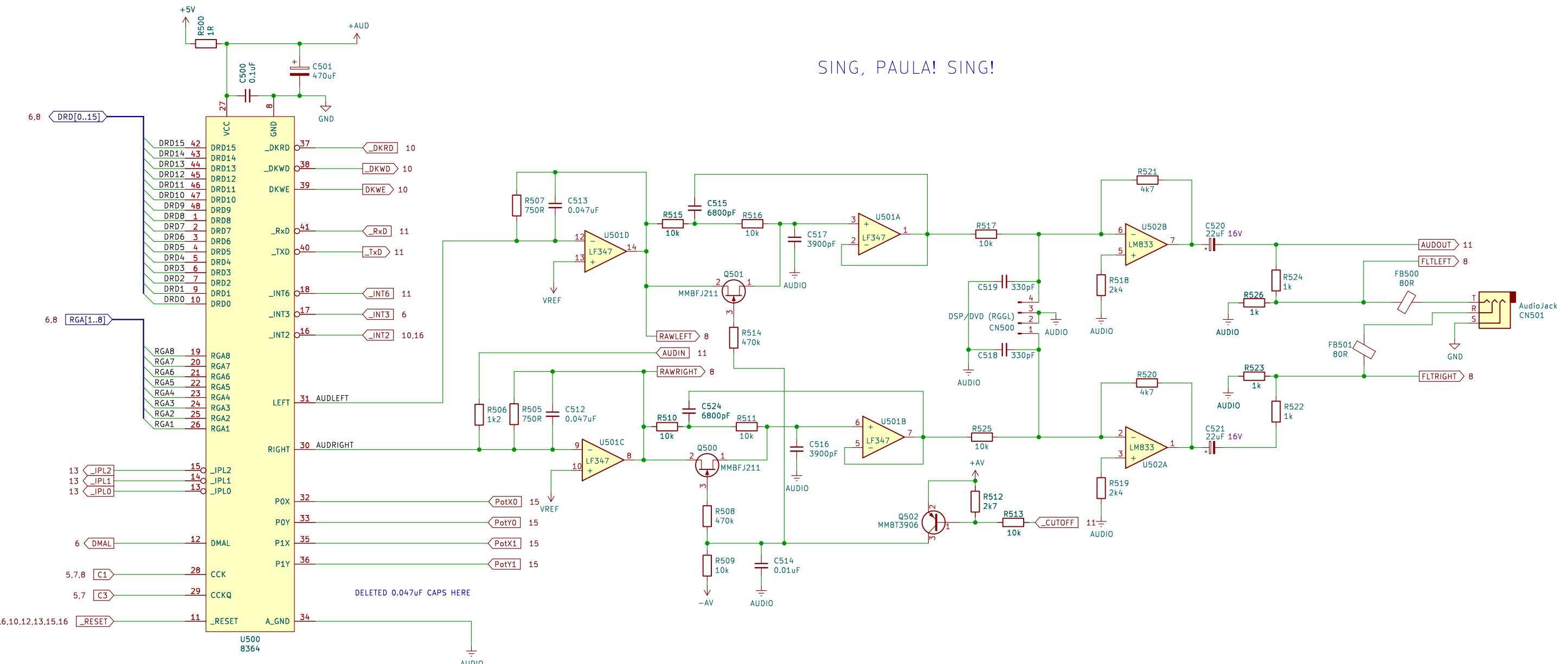
VIDEO

Sheet: /Video/
File: video.kicad_sch

Title: AMIGA PCI

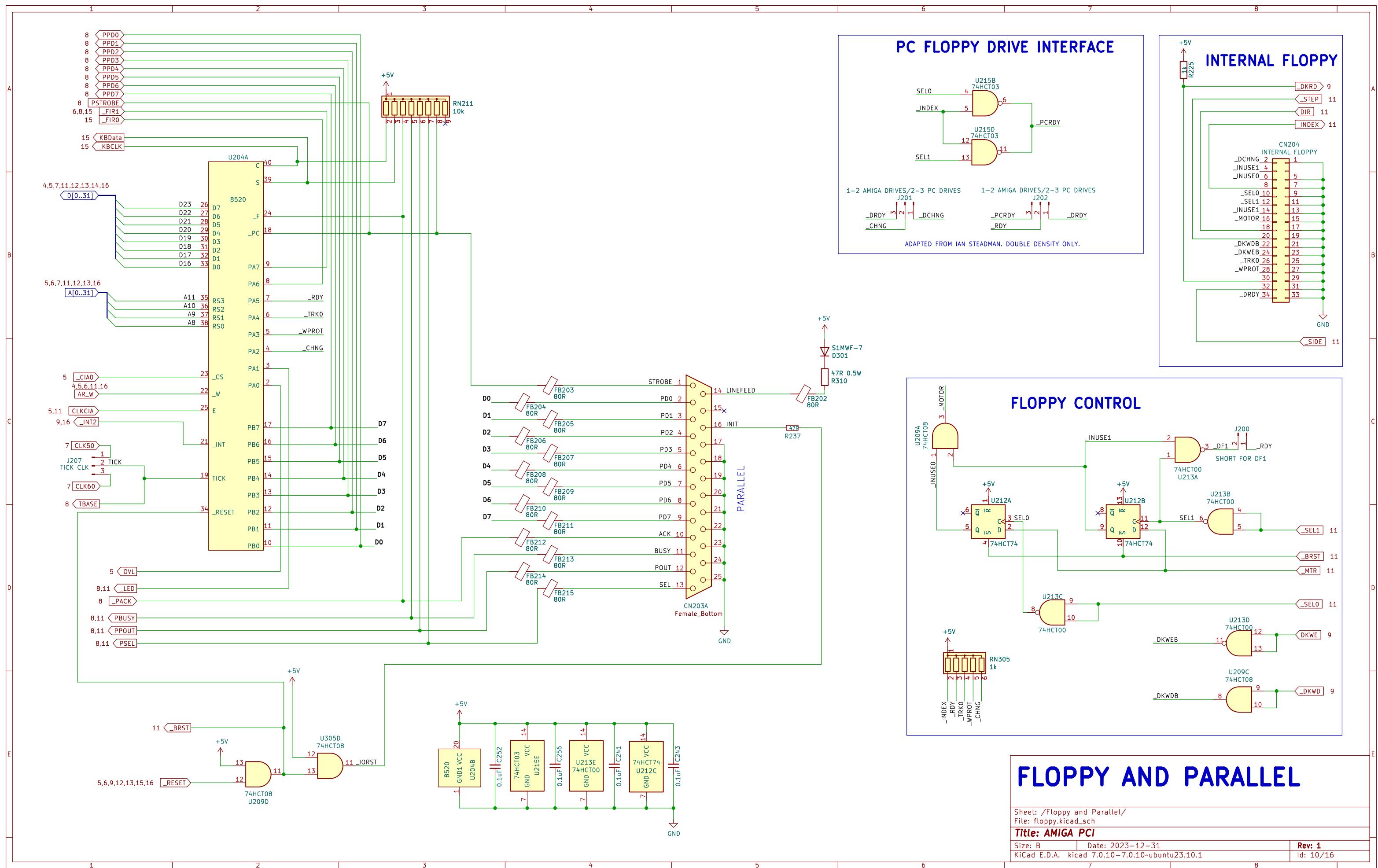
Size: B Date: 2023-12-31
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1

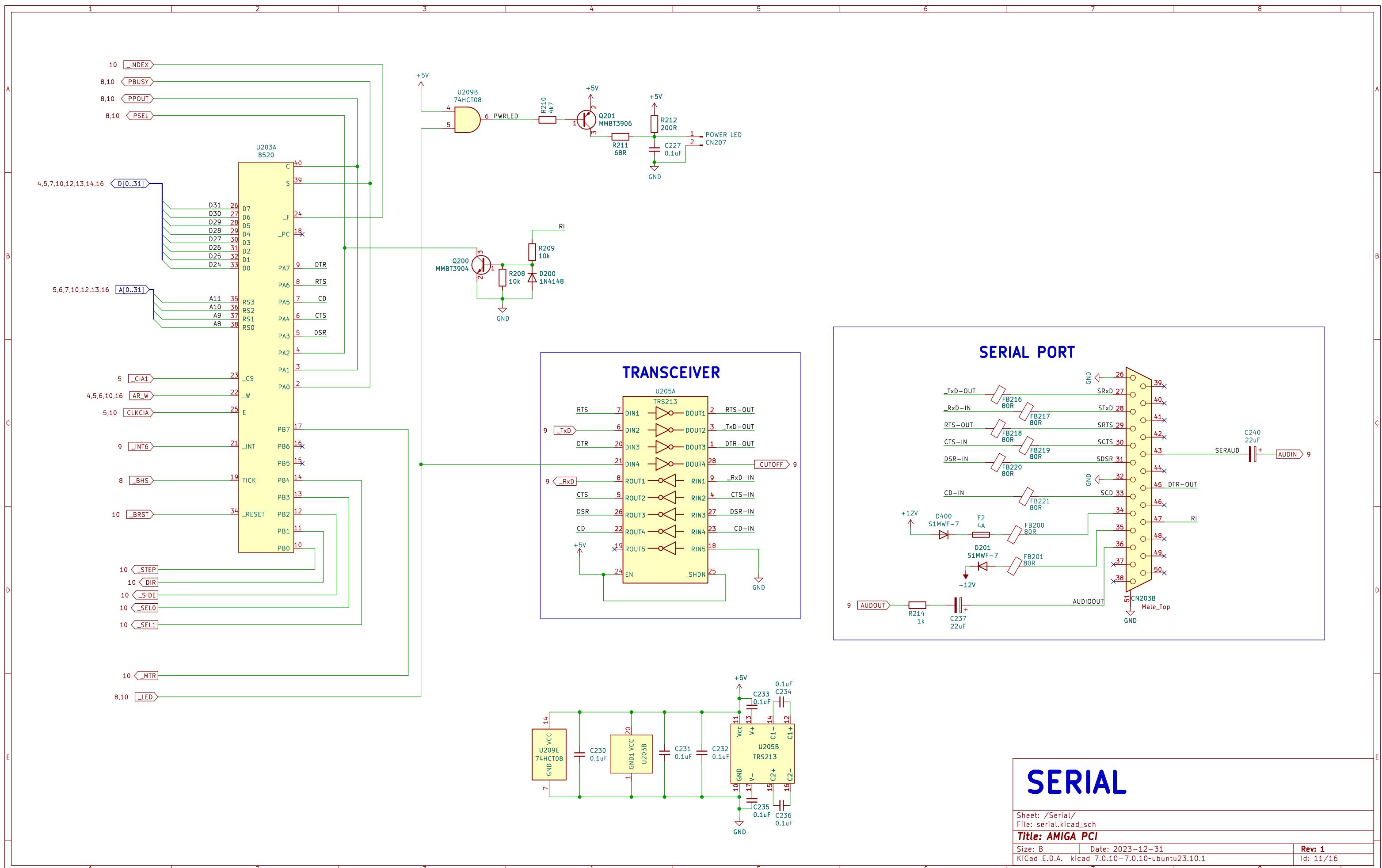
Rev: 1
Id: 8/16

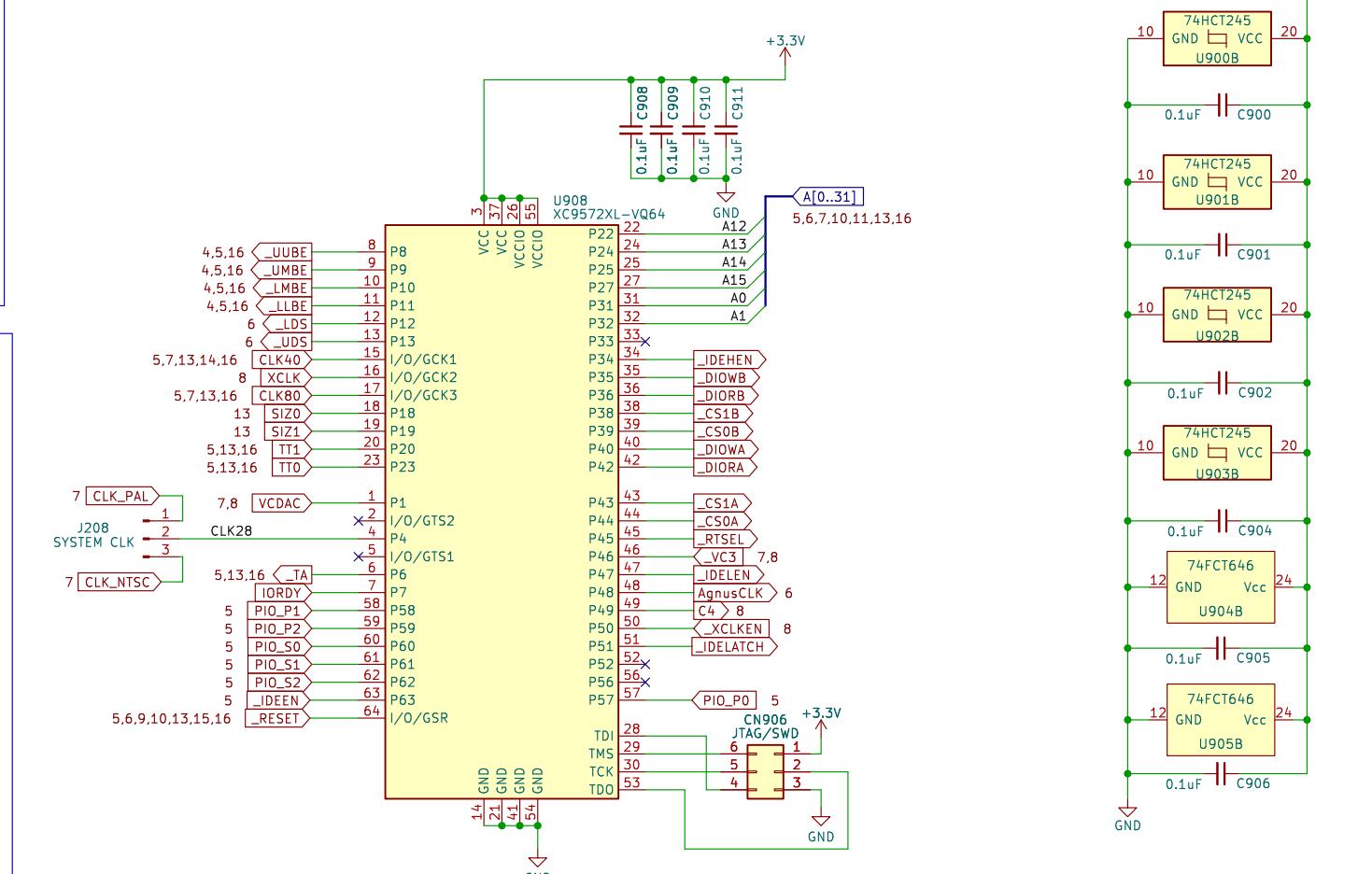
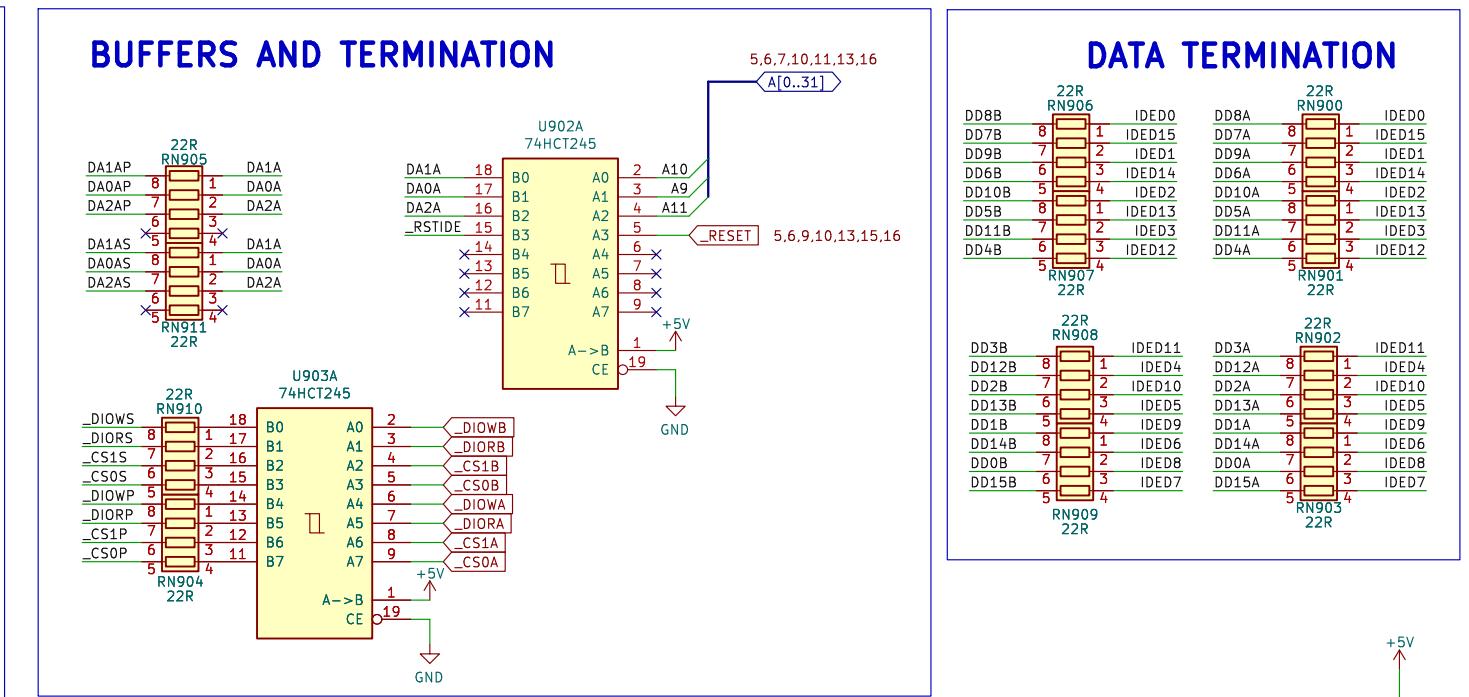
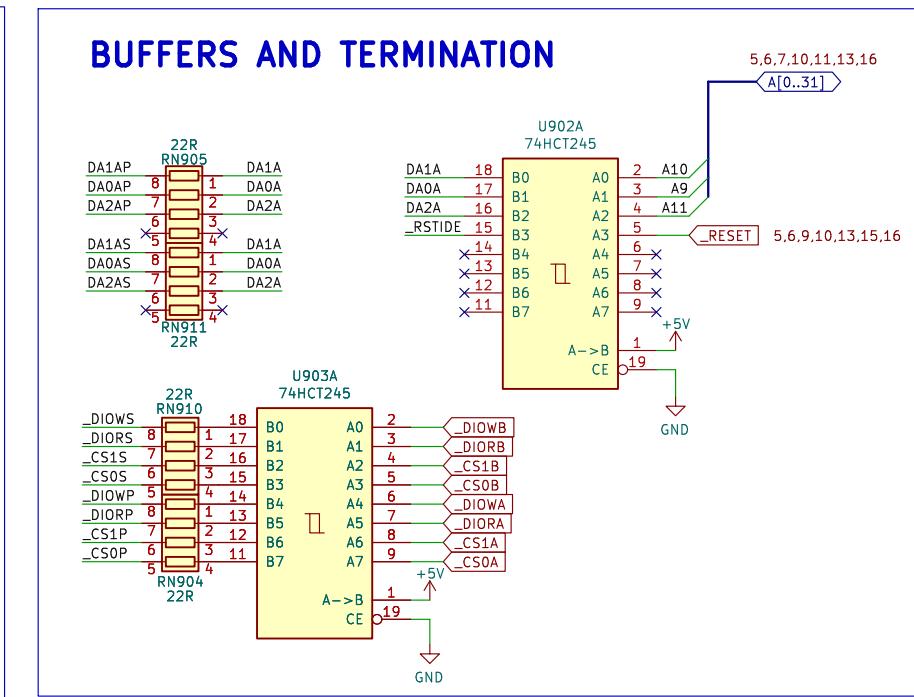
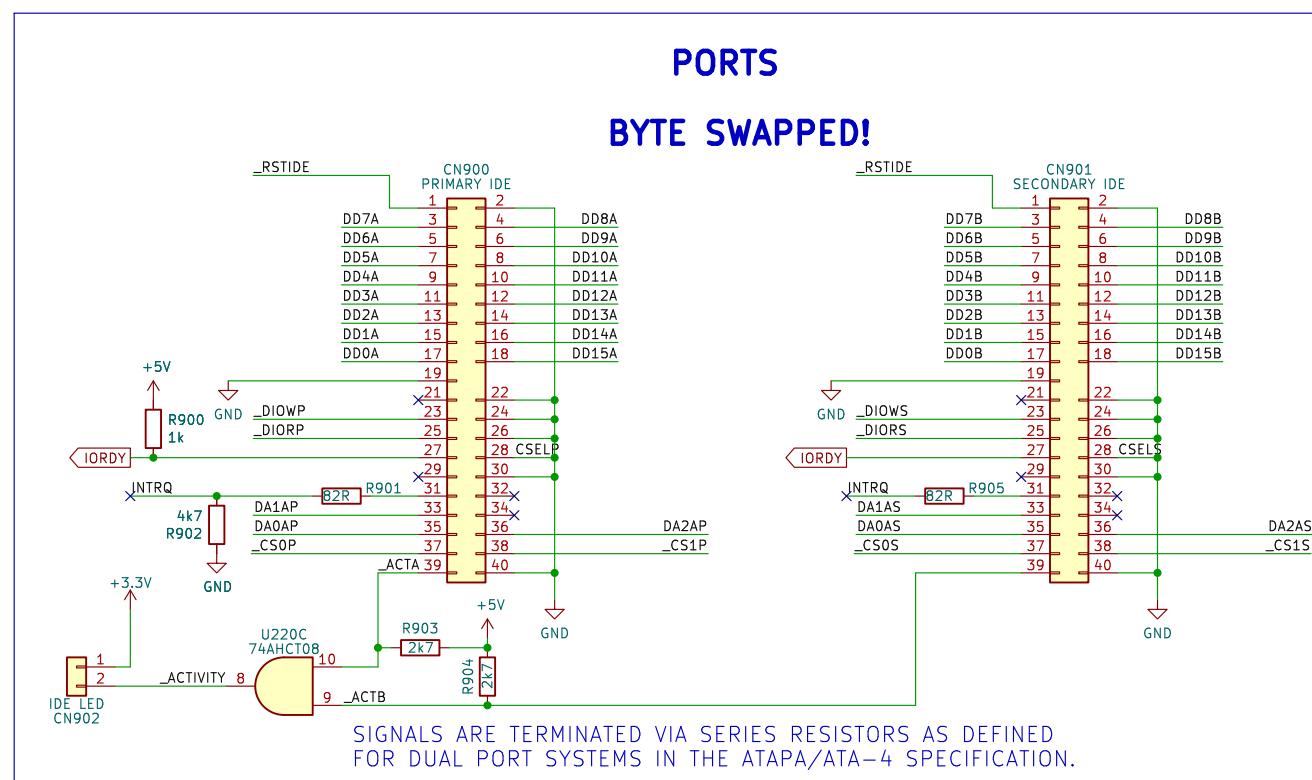
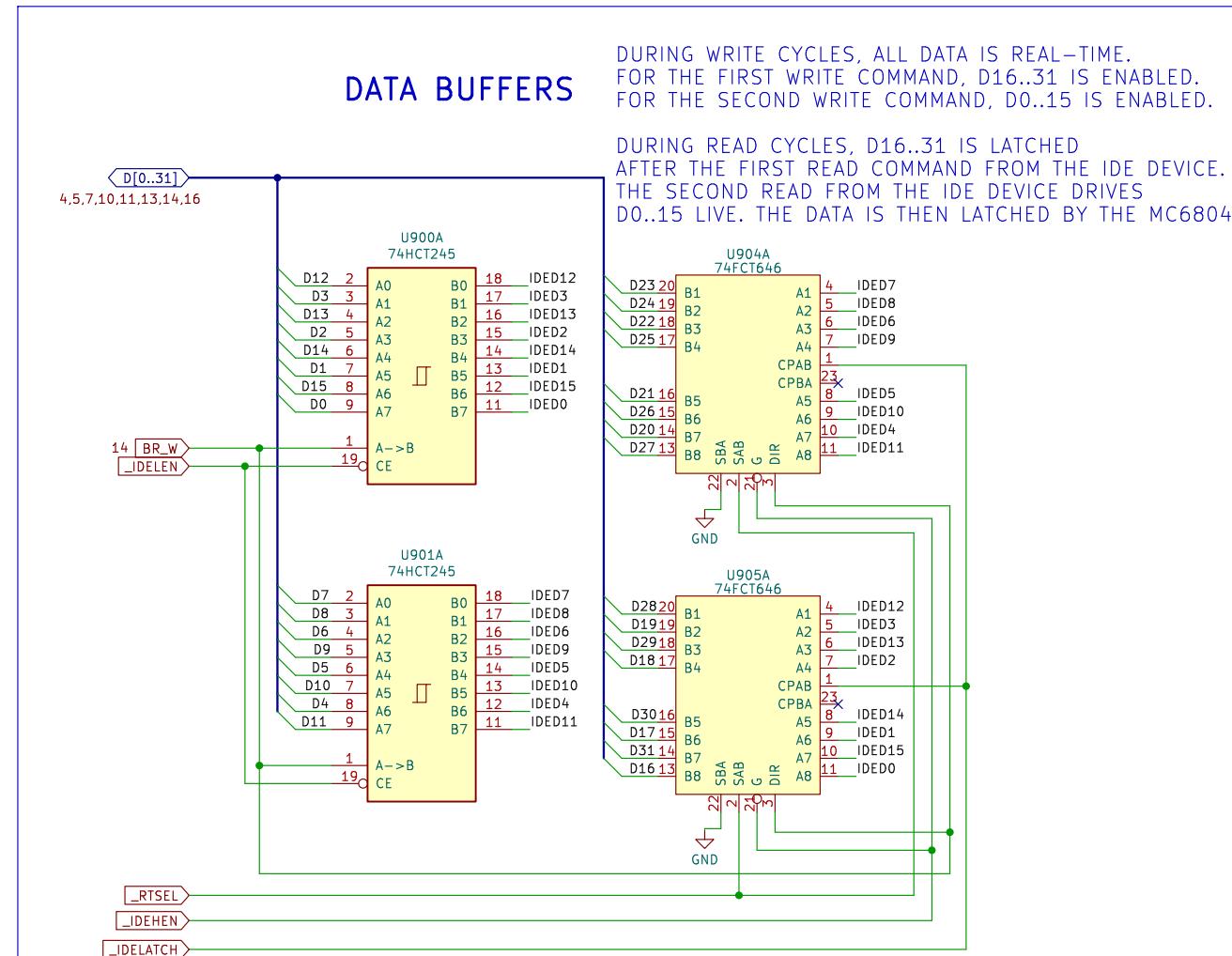


PAULA/AUDIO

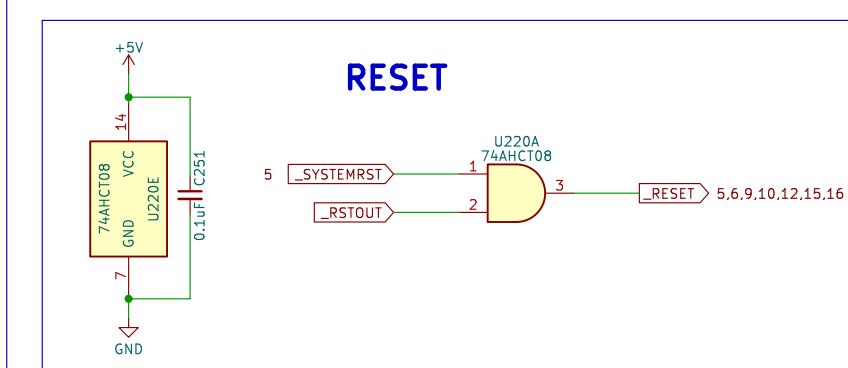
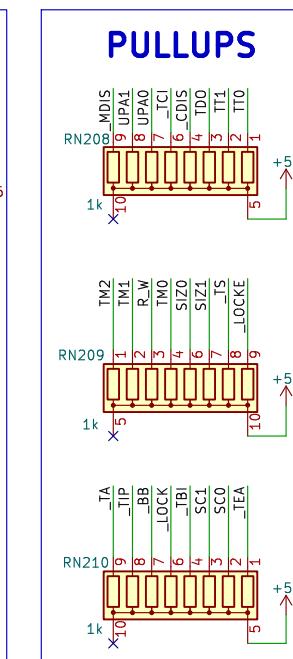
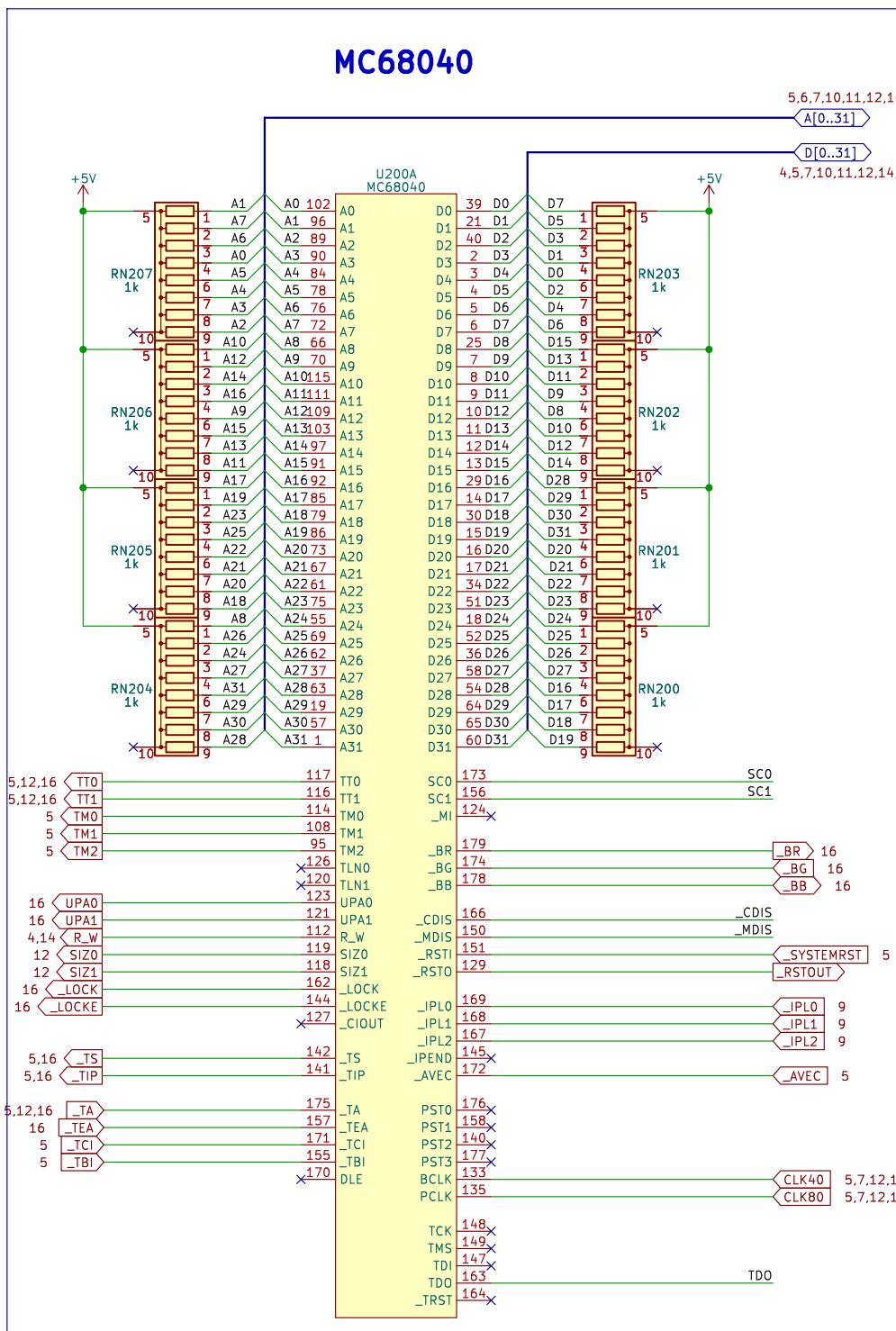
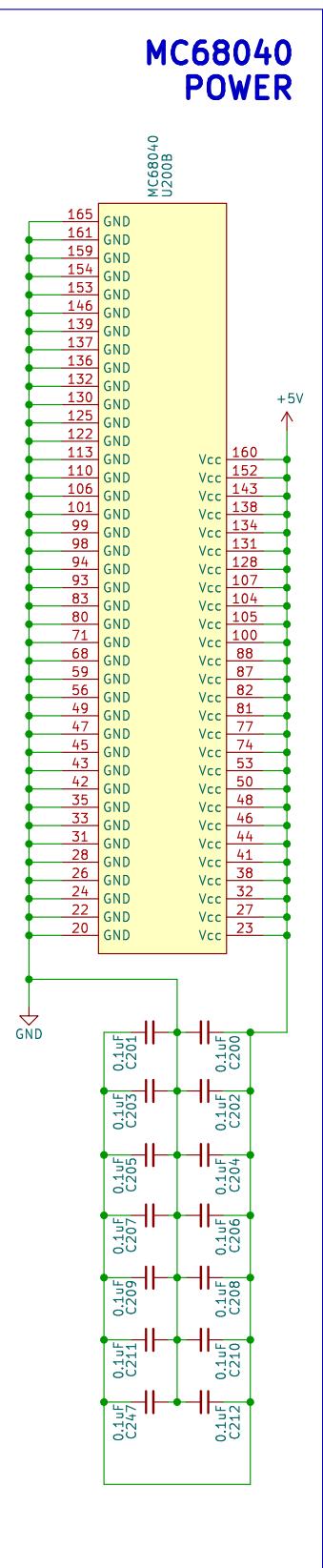
Sheet: /Audio/
File: audio.kicad_sch
Title: AMIGA PCI
Size: B Date: 2023-12-31
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1 Rev: 1
Id: 9/16







Sheet: /IDE Interface/	
File: IDE.kicad_sch	
Title: AMIGA PCI	
Size: B	Date: 2023-12-31
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1	Rev: 1
	Id: 12/16



CPU

Sheet: /CPU/

File: cpu.kicad_sch

Title: AMIGA PCI

Size: B Date: 2023-12-31

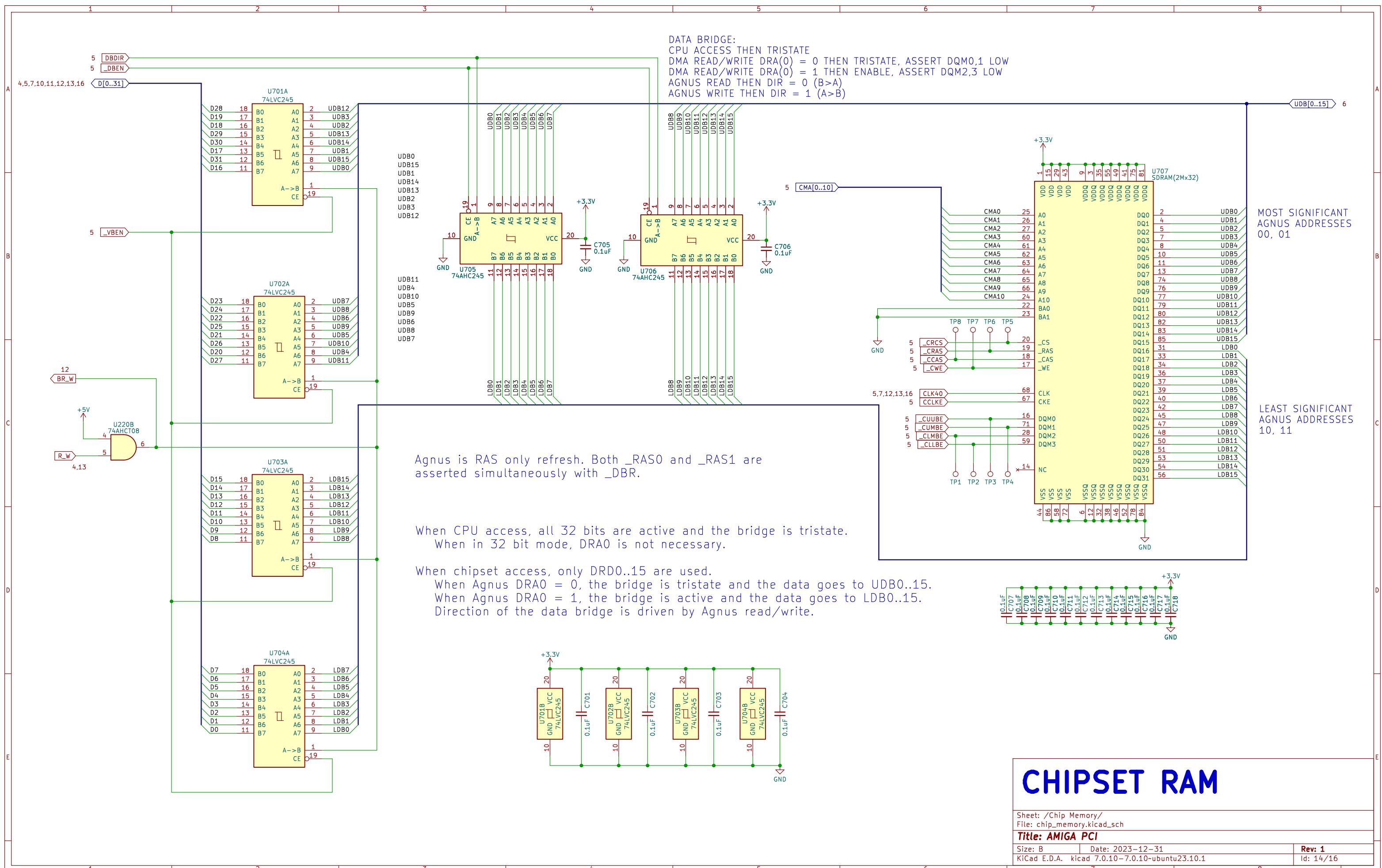
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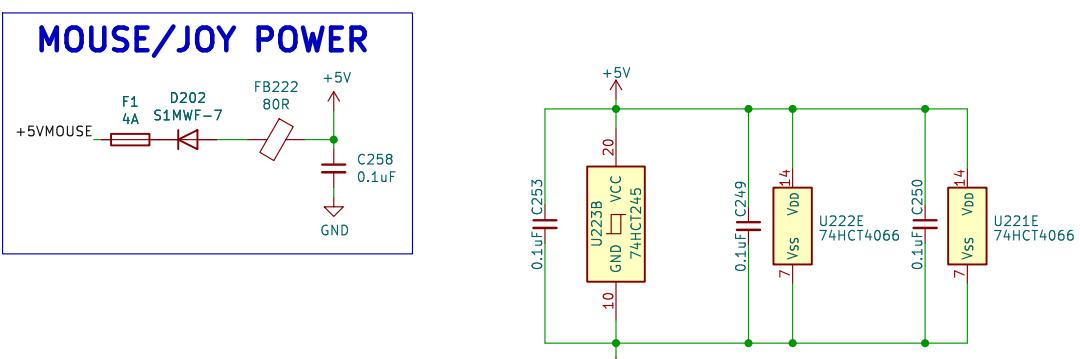
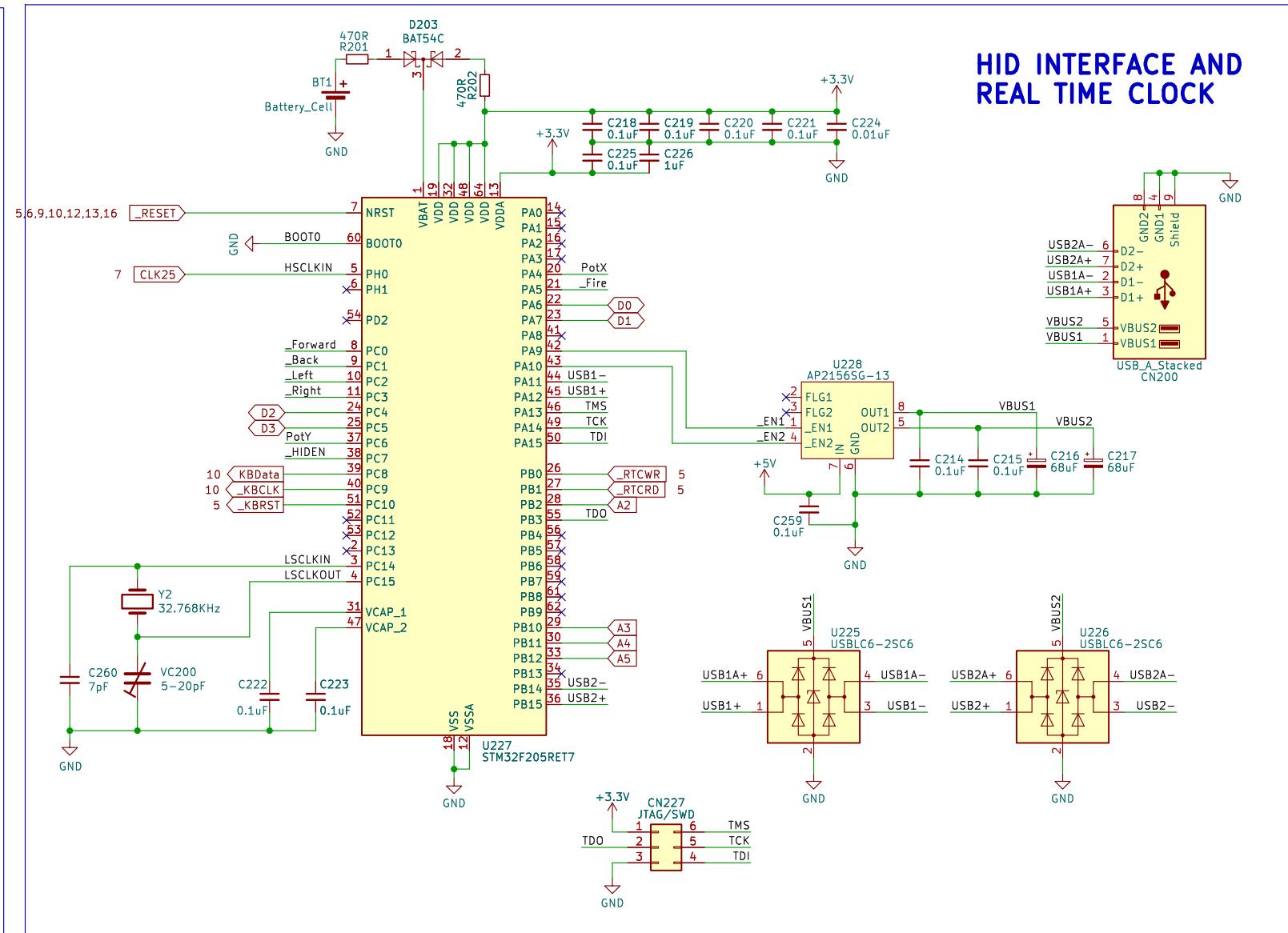
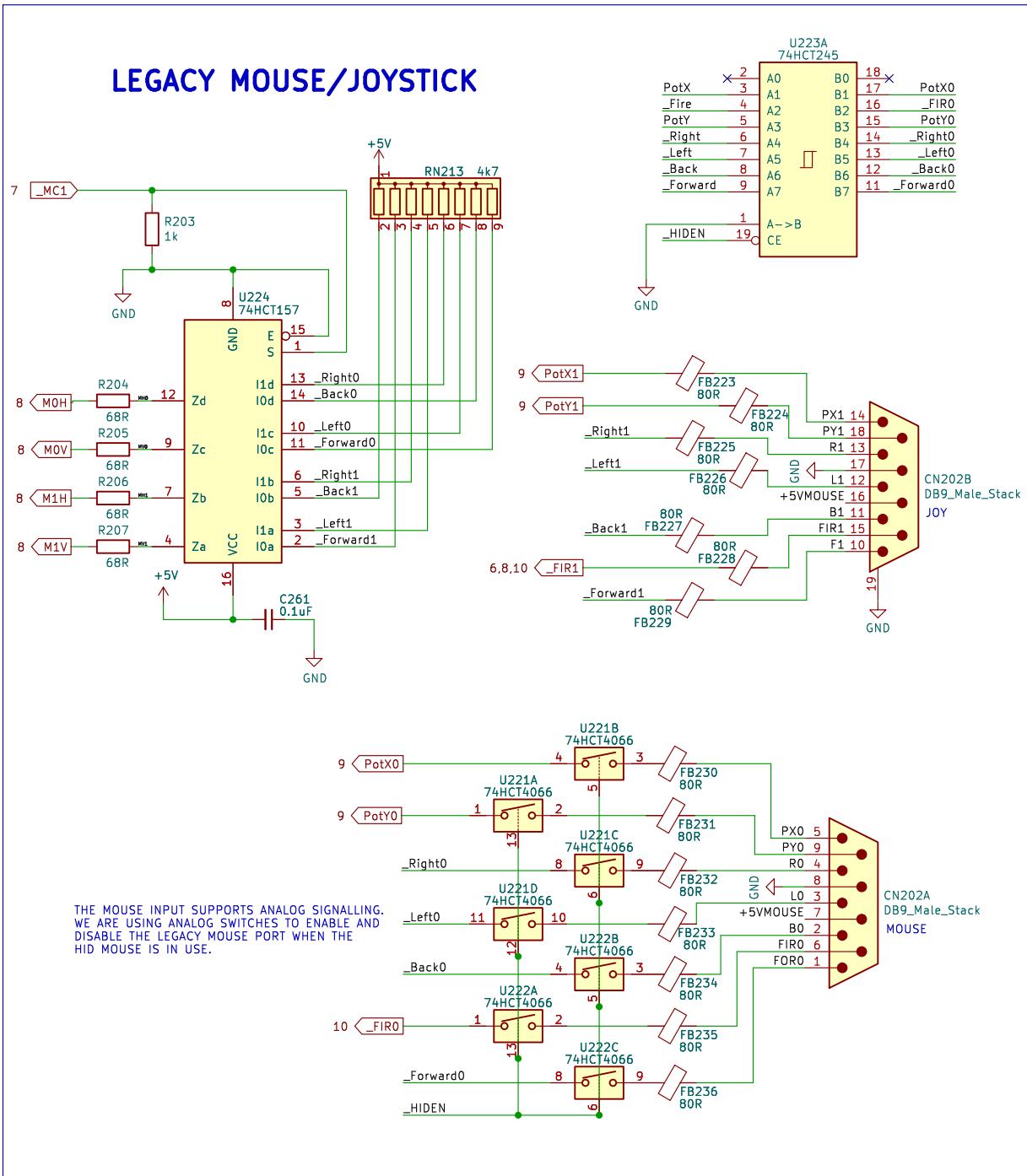
Rev: 1

Id: 13/16

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

ALTERNATE HEATSINK:
BDN18-6CB/A01

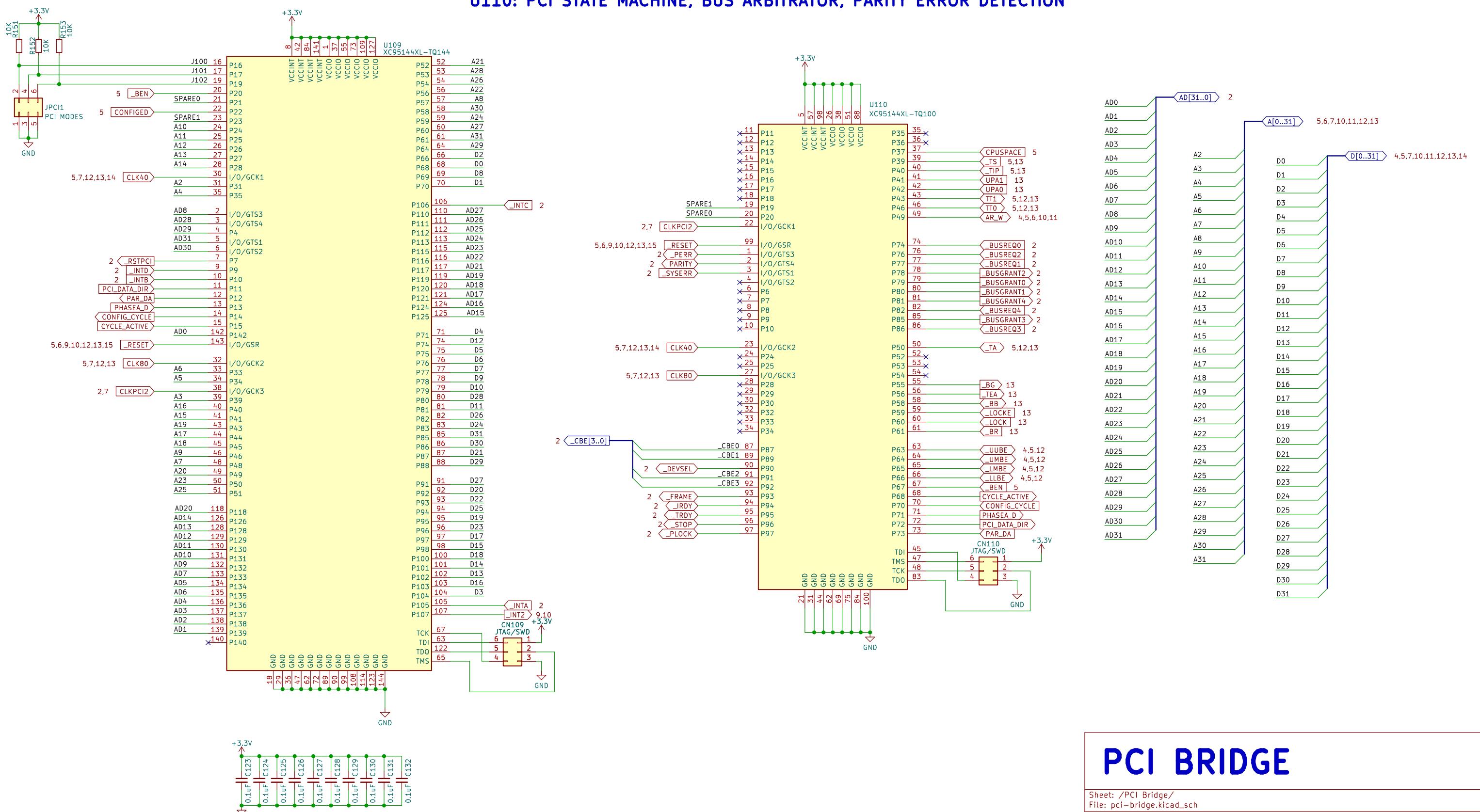




HID and USER PORTS

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