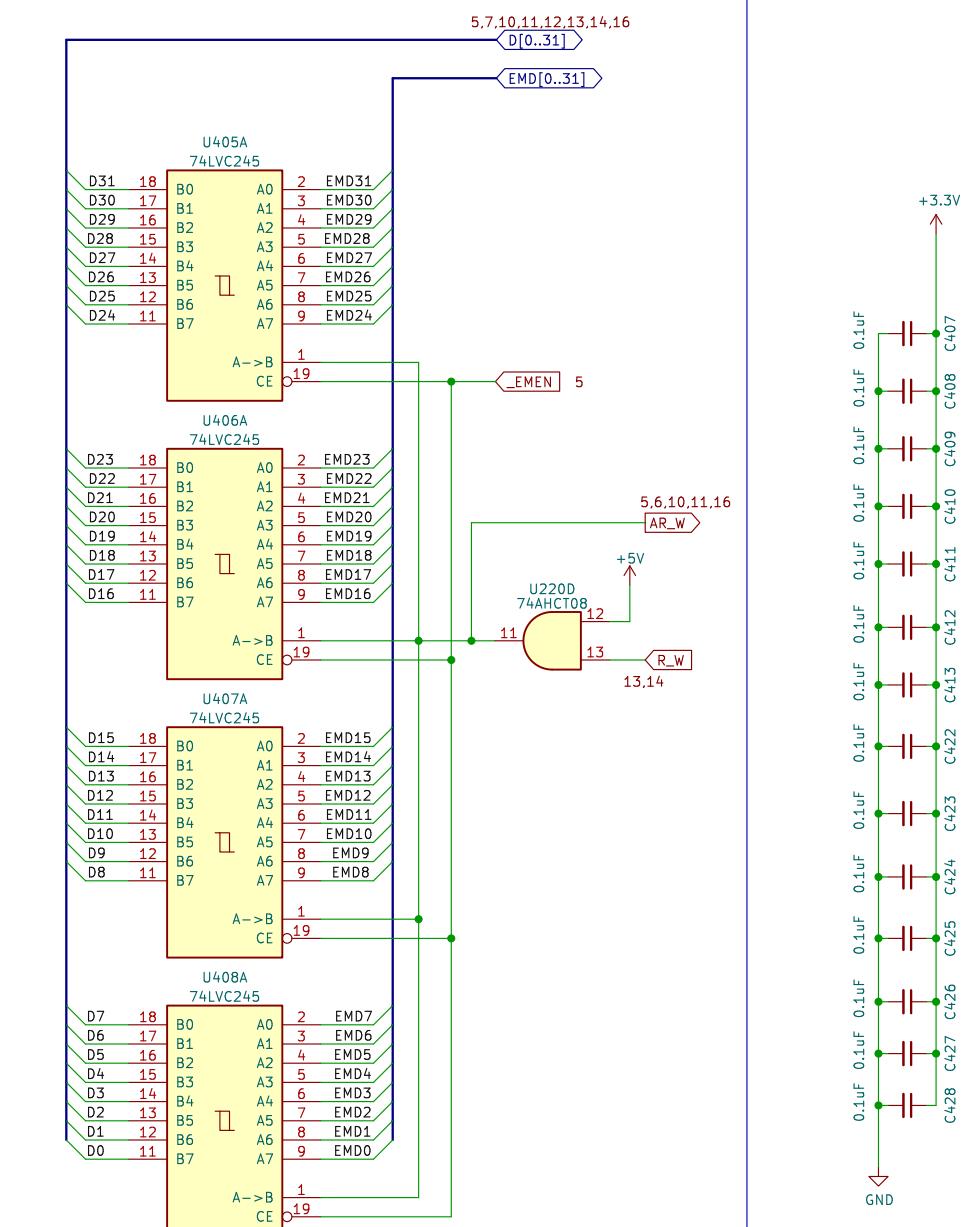


SDRAM DATA BUFFERS



64MB ONBOARD MEMORY LOCATED AT \$0400 0000-\$07FF FFFF.
DO WE NEED A RAMSEY FOR THIS TO WORK?

Ramsey ID register is at \$00DE0043
-04 = \$0D
-07 = \$0F

FAST MEMORY

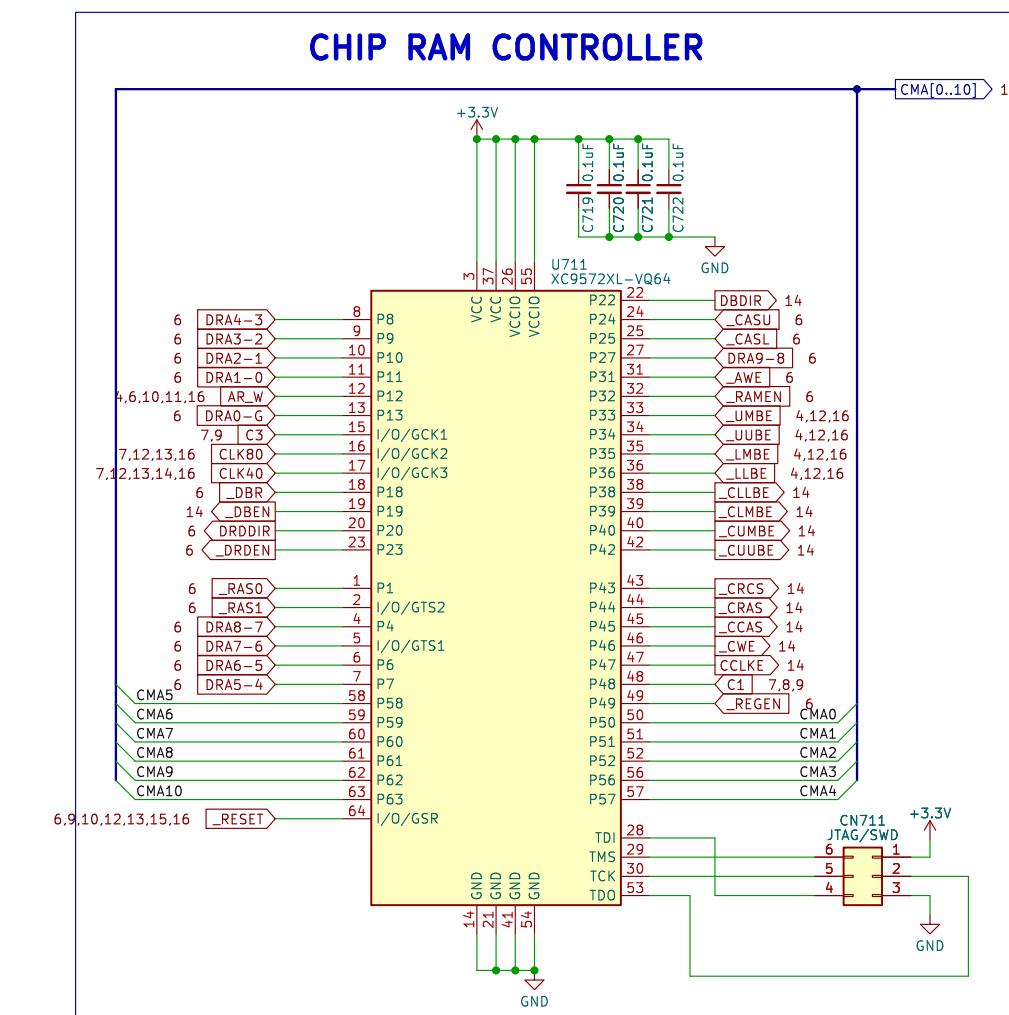
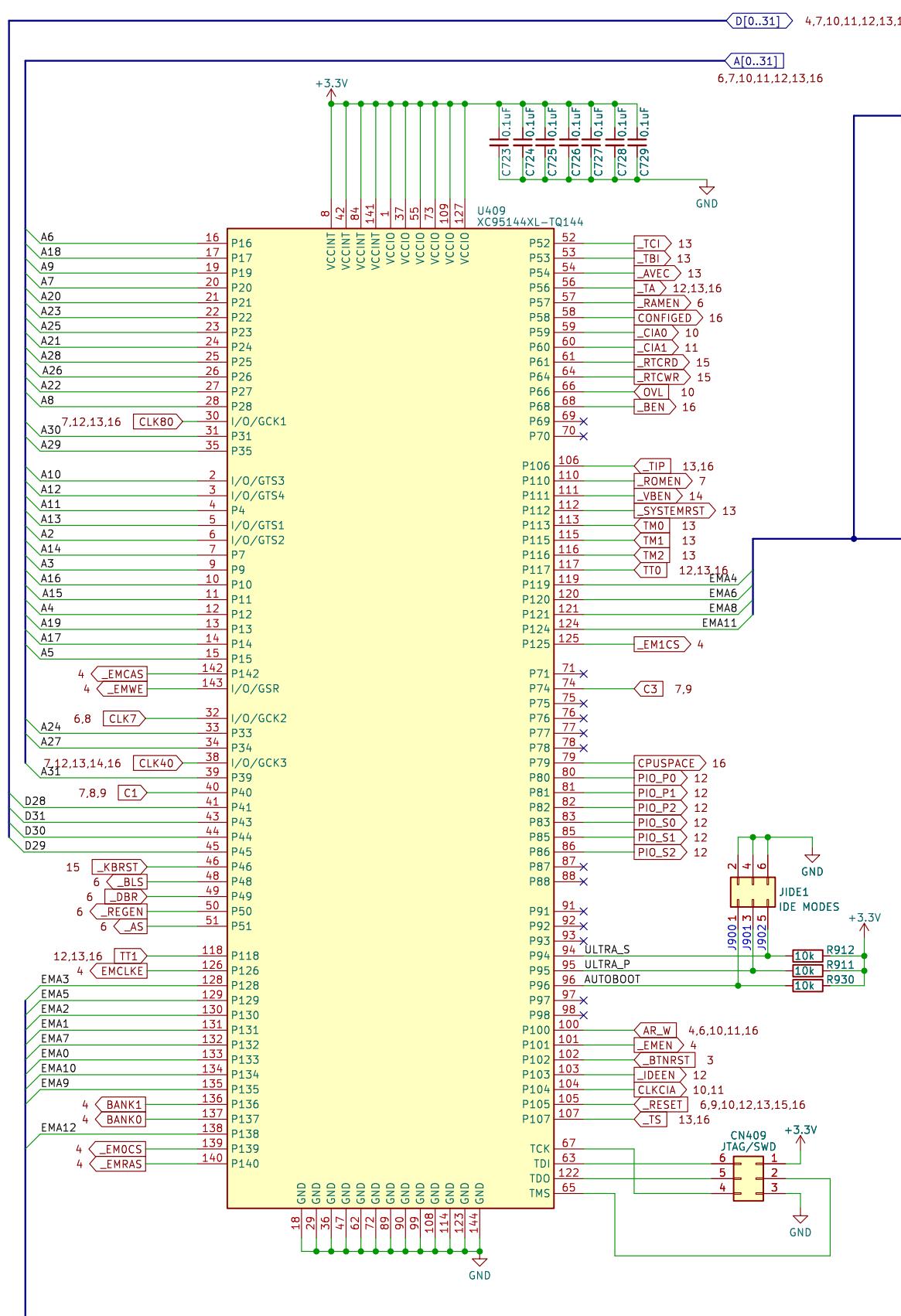
Sheet: /Fast Memory/
File: memory.kicad_sch

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.**



Sheet: /Board Controller/
File: bcontroller.kicad_sch

Title: AMIGA PCI

Size: B D.

KiCad E.D.A. kicad 7.0.10-7.0.

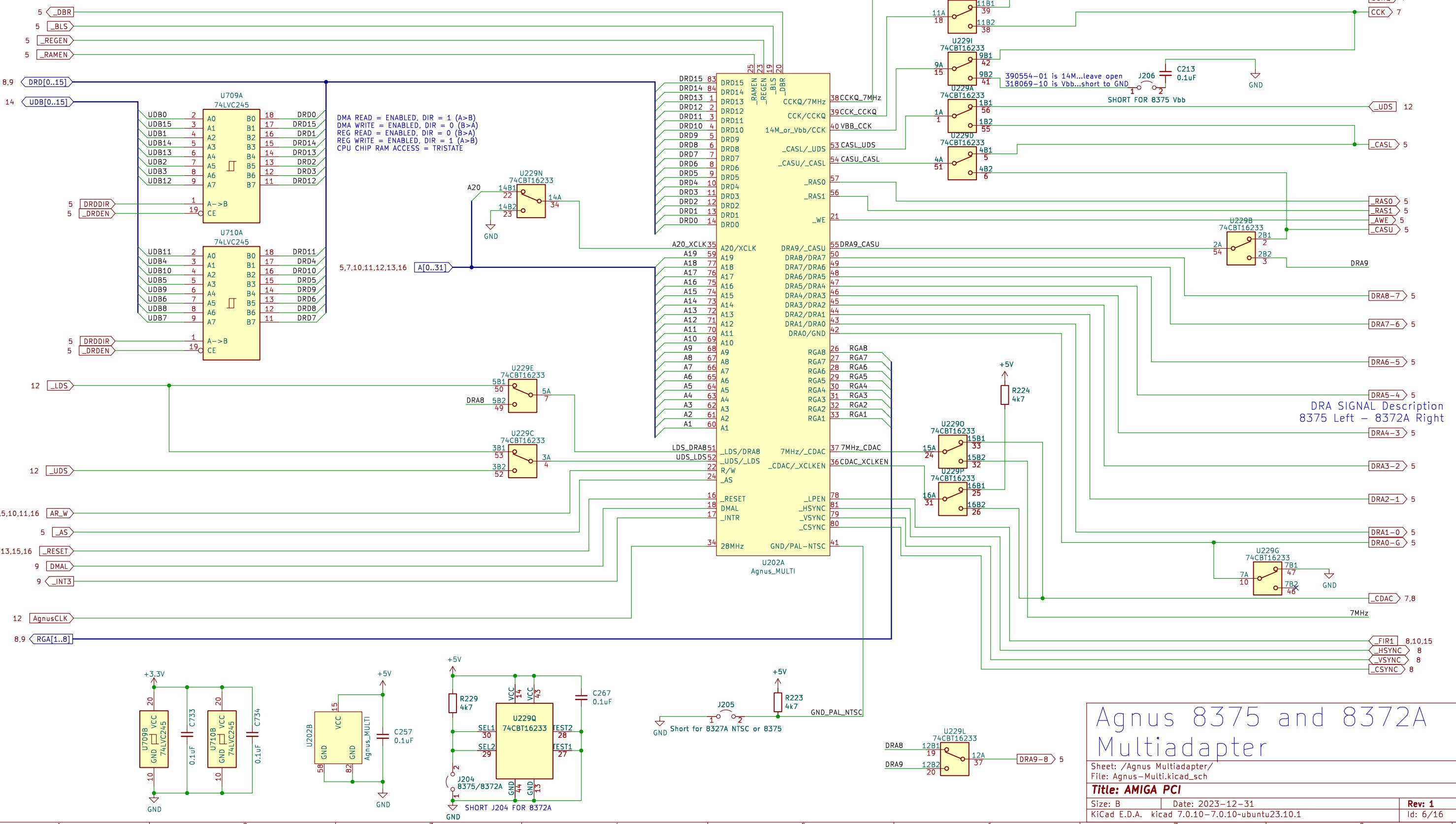
7 | Page

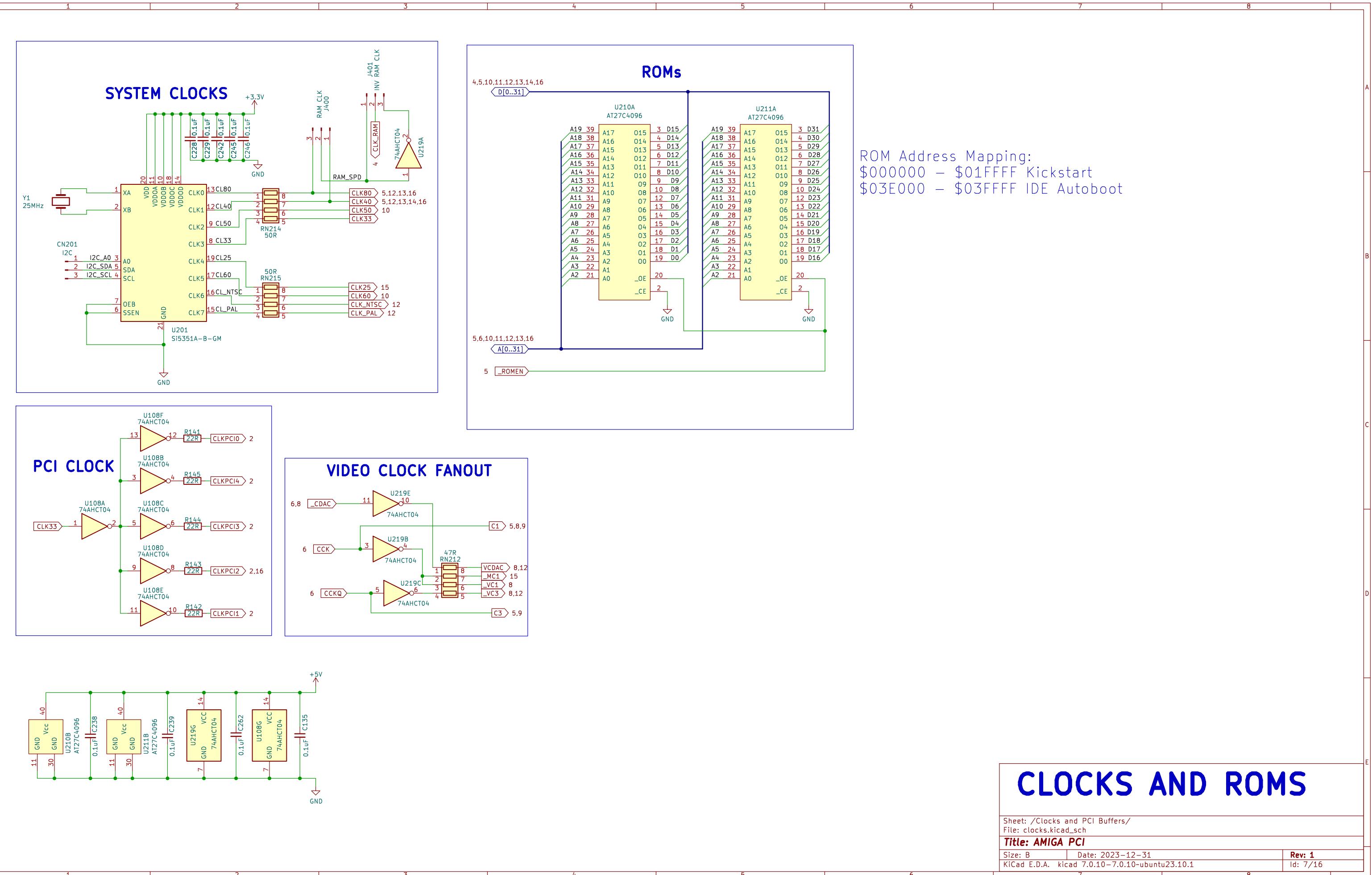
Id: 5/1

1

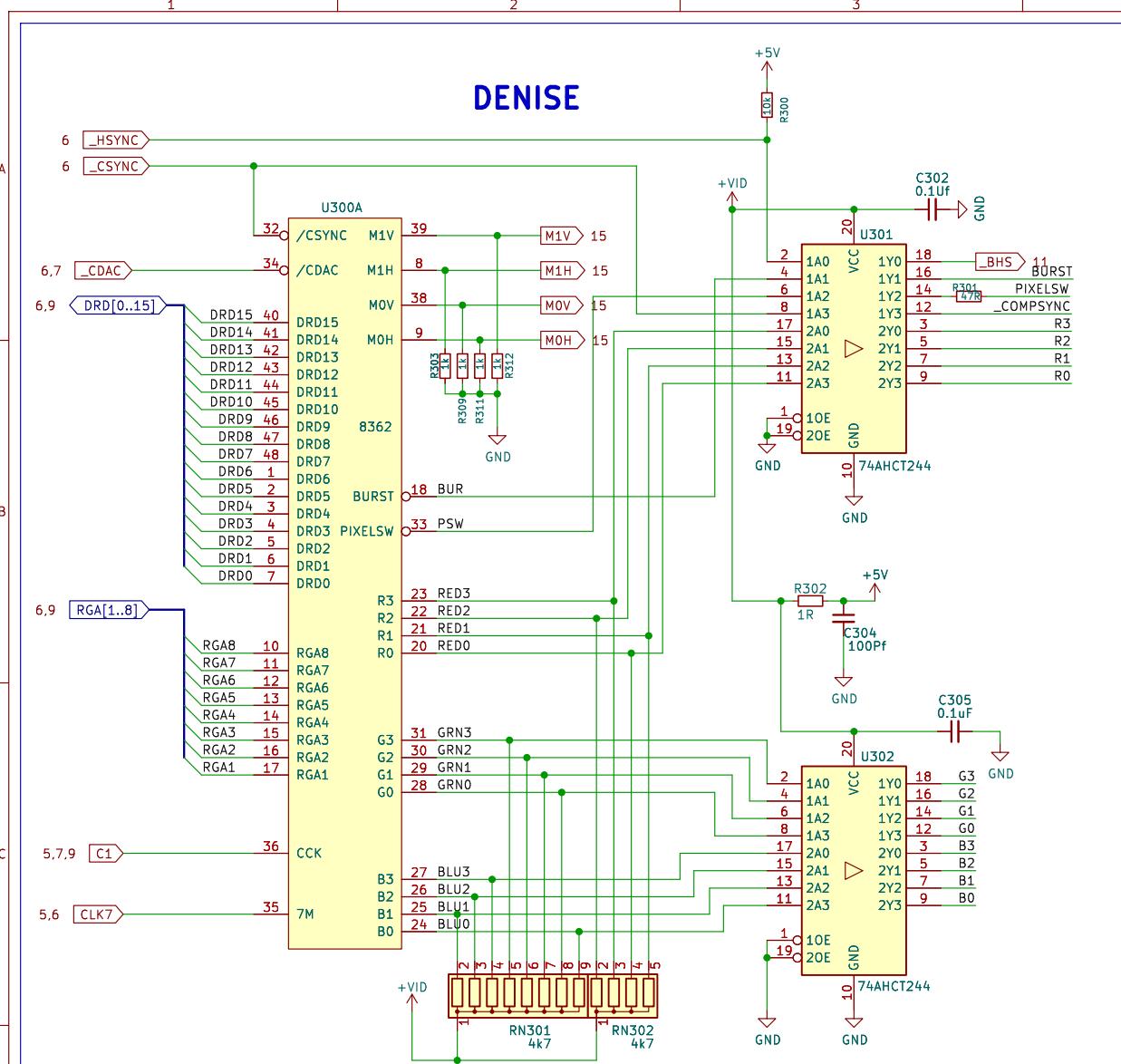
SUPPORTS 8372A (ALL PART NUMBERS)
AND 8375 THE FOLLOWING PART NUMBERS:
390544-01 AND COMPATIBLE (390544-02, 390554-01, 390554-02,
318069-12, 318069-13) AND 318069-10, 318069-11

JUMPERS MUST BE CONFIGURED BY AGNUS PART NUMBER

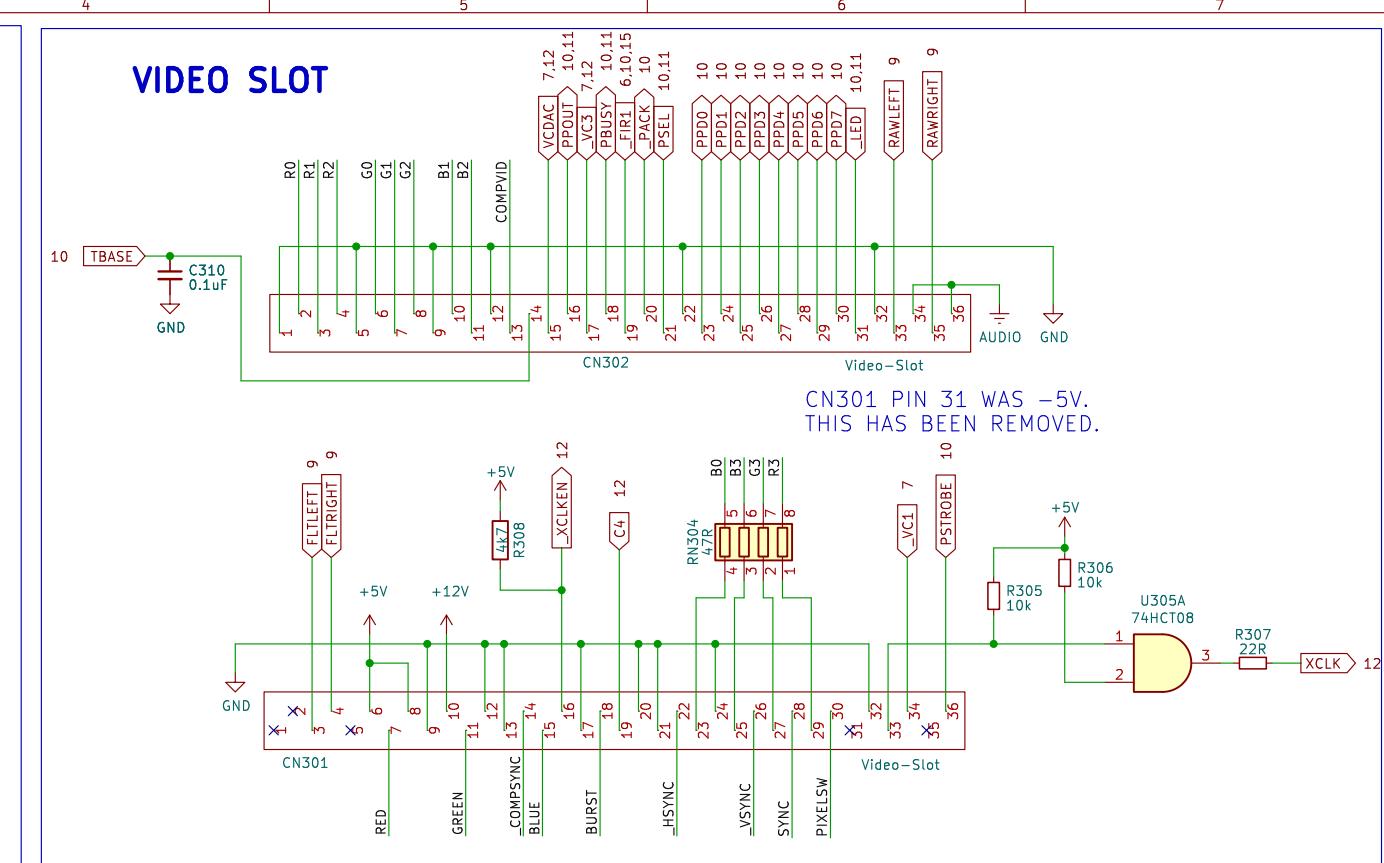




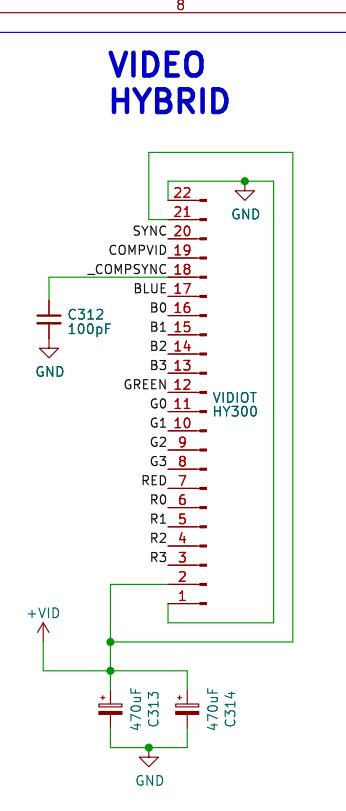
DENISE



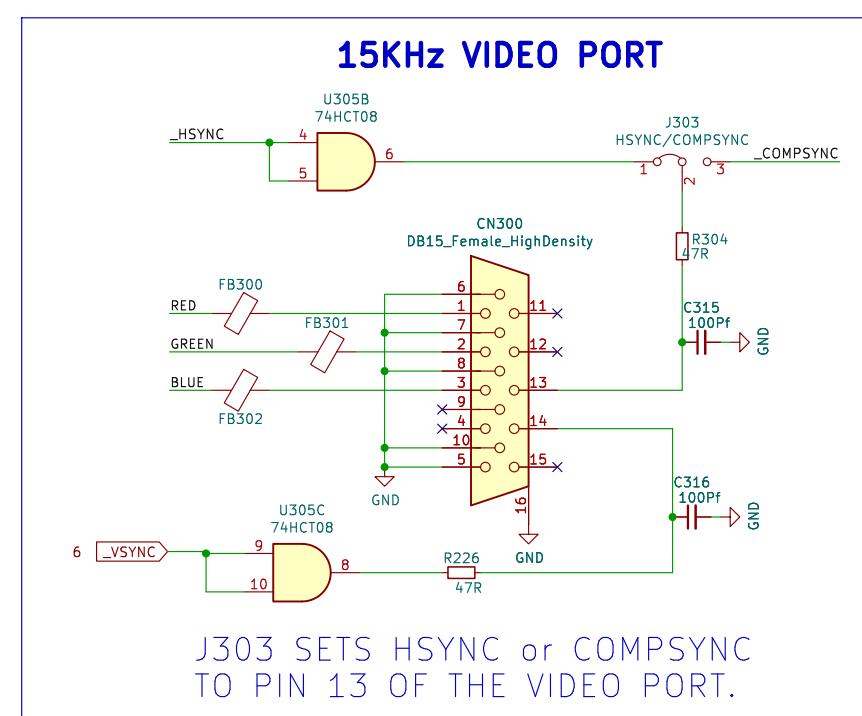
VIDEO SLOT



VIDEO HYBRID



15KHz VIDEO PORT

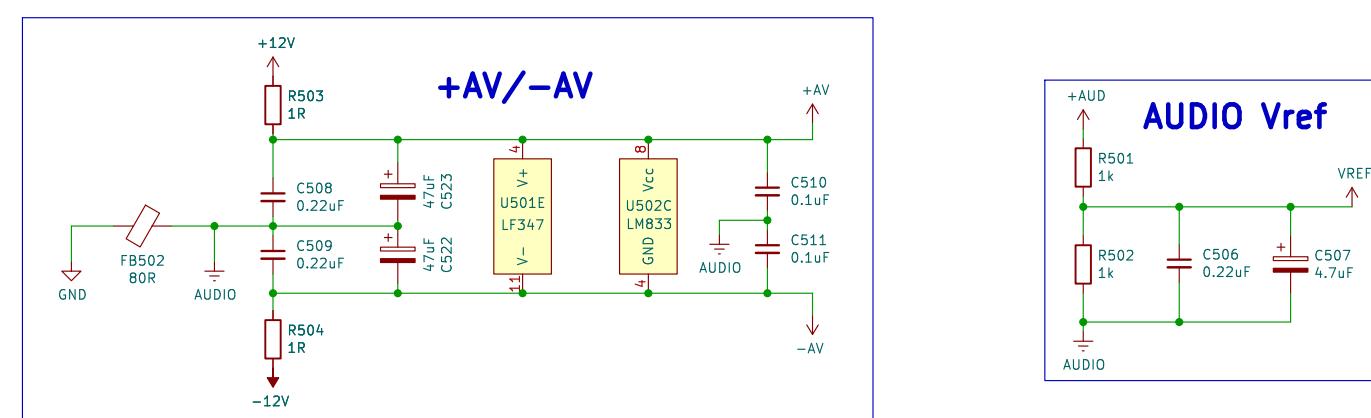
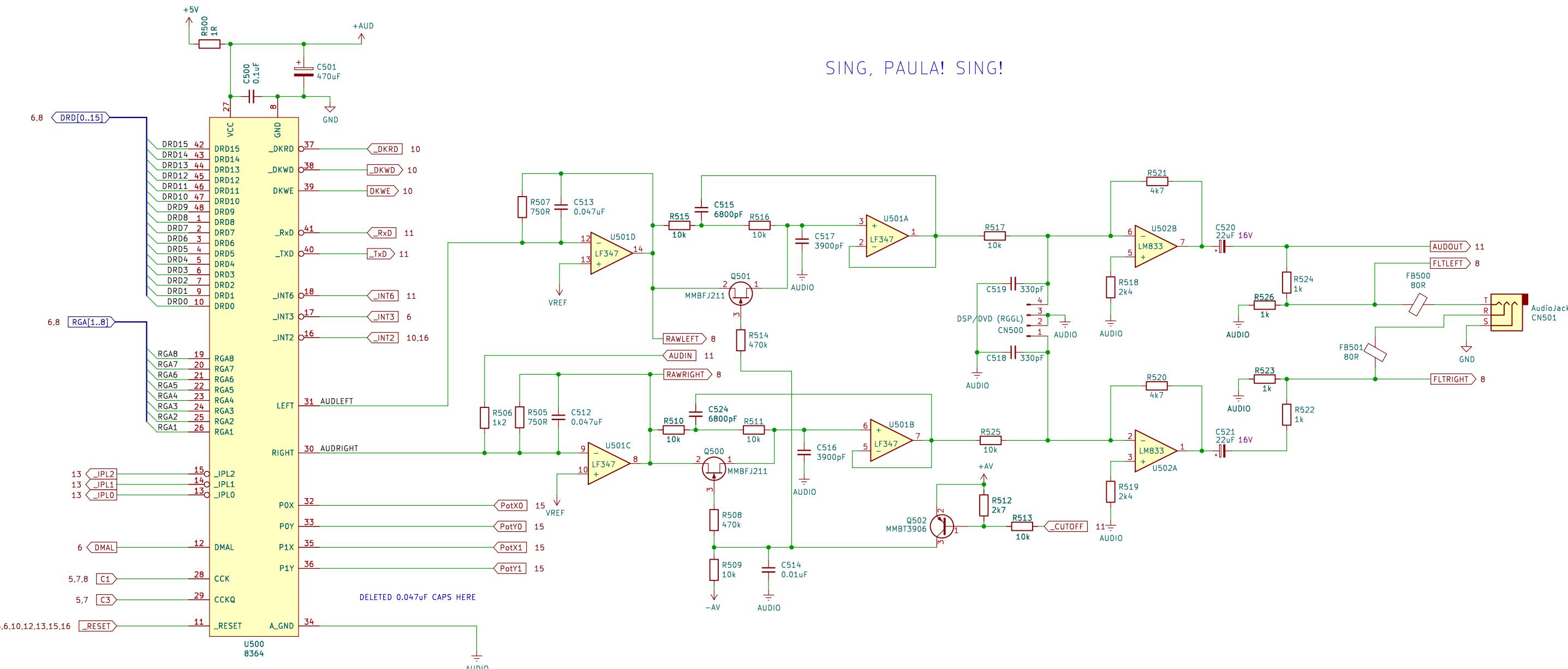


VIDEO

Sheet: /Video/
File: video.kicad_sch

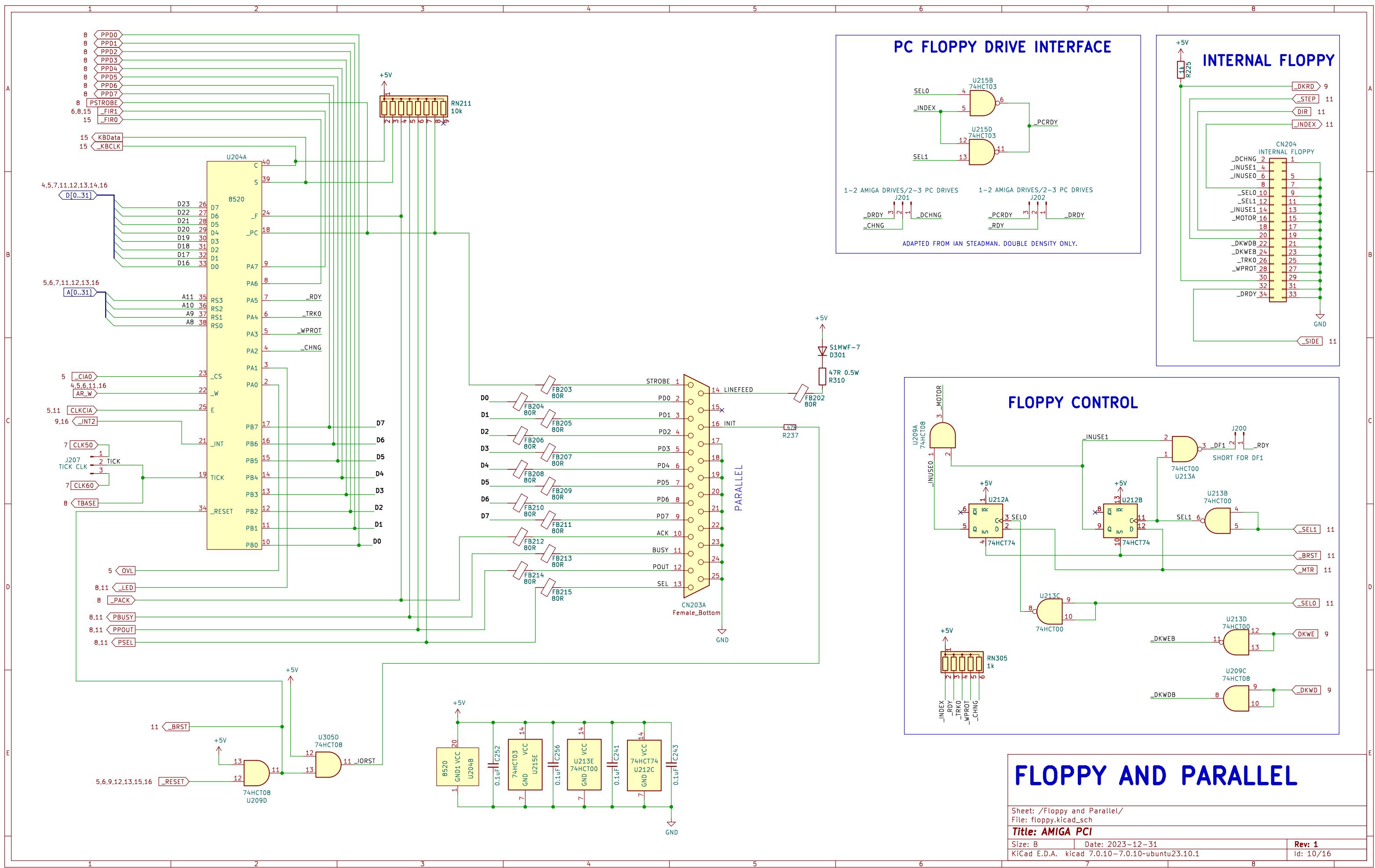
Title: AMIGA PCI

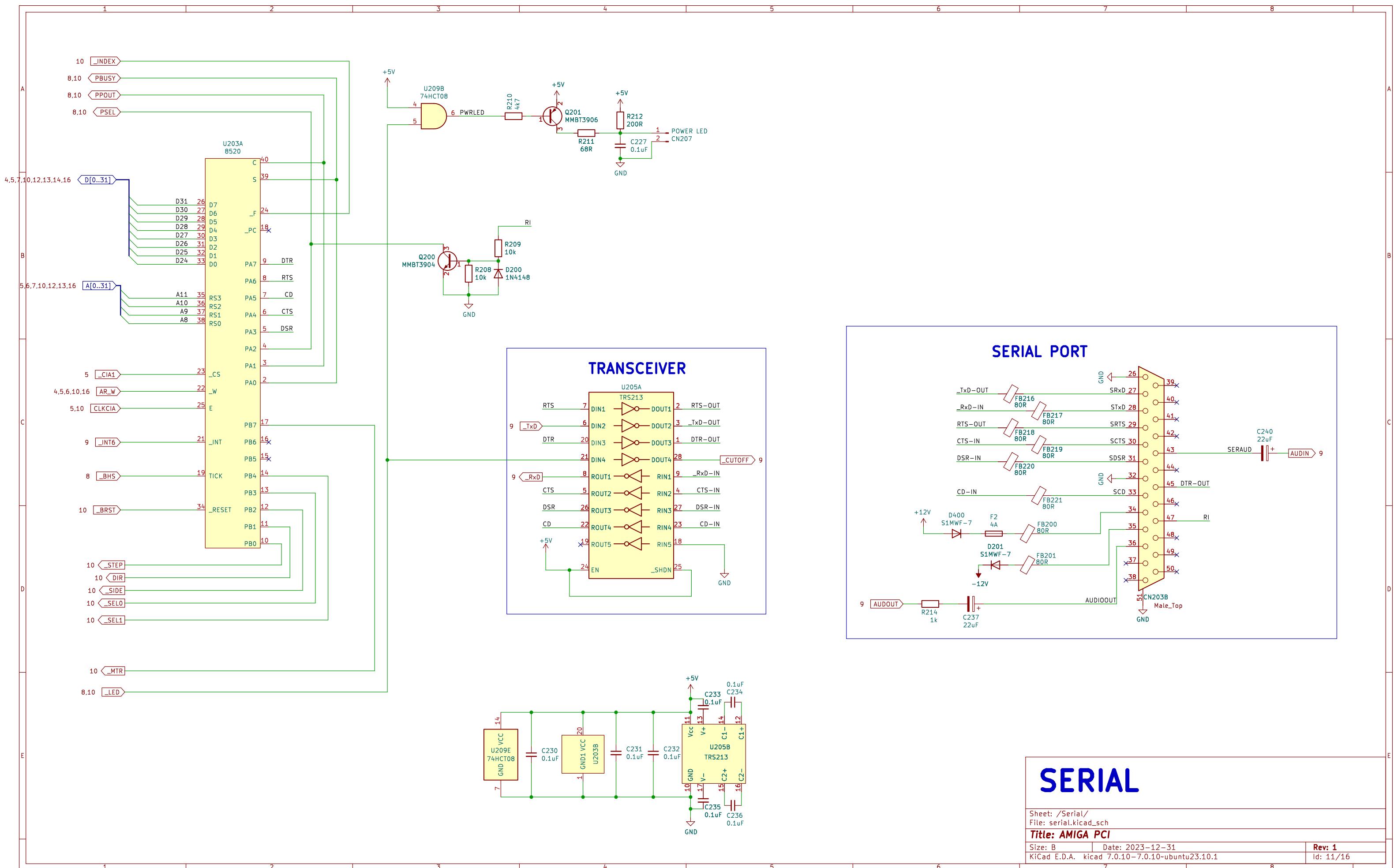
Size: B	Date: 2023-12-31	Rev: 1
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1		
Id: 8/16		

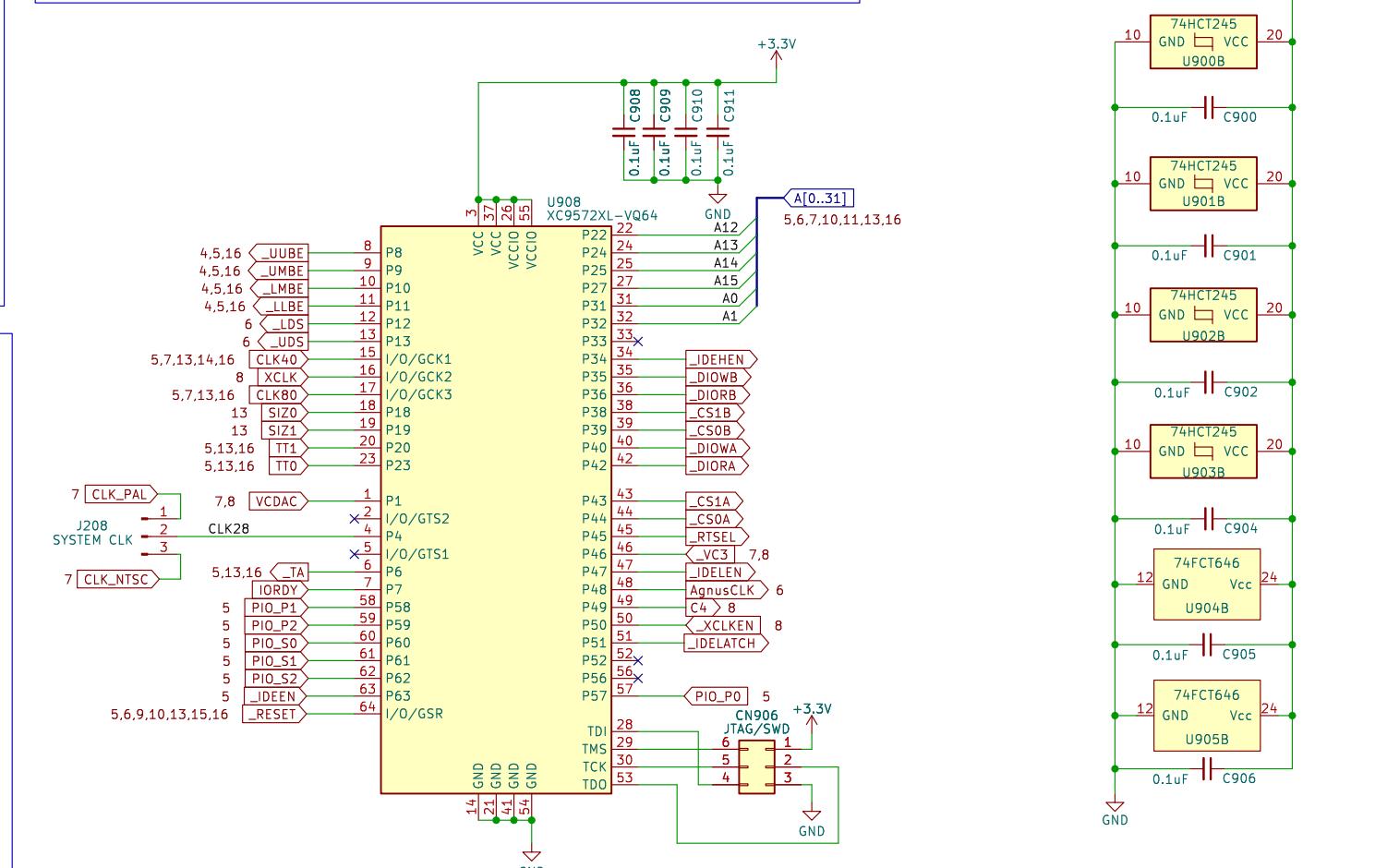
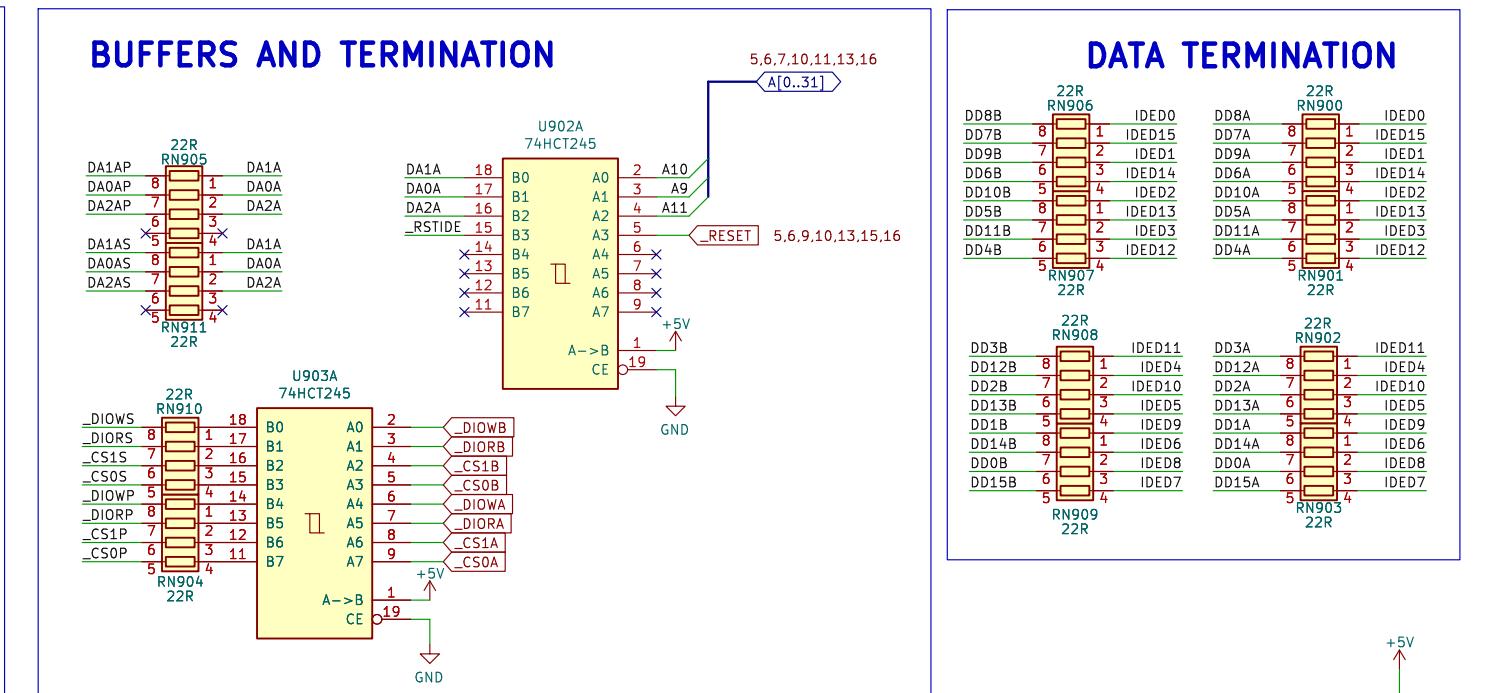
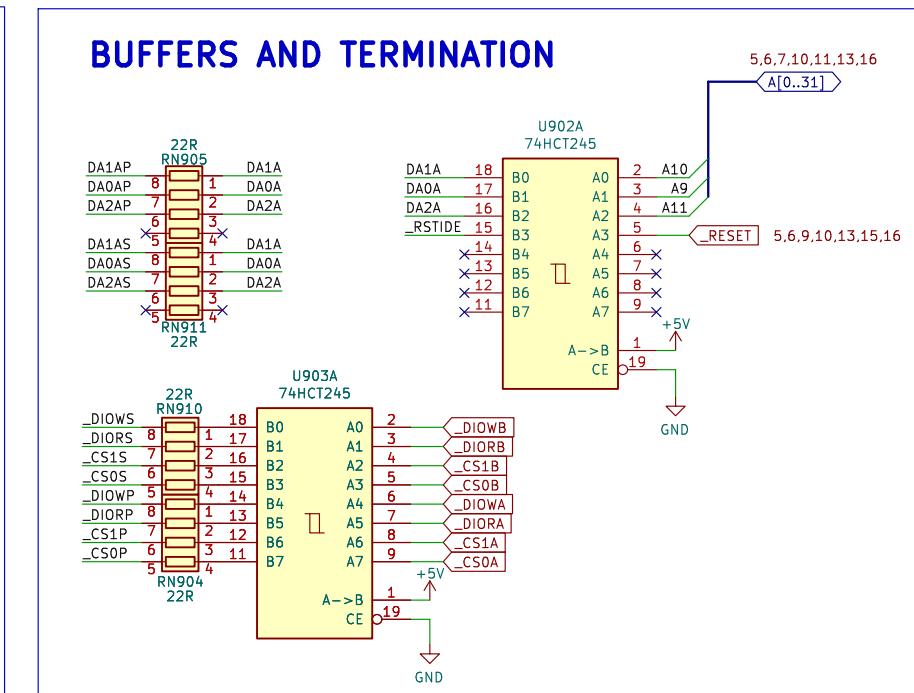
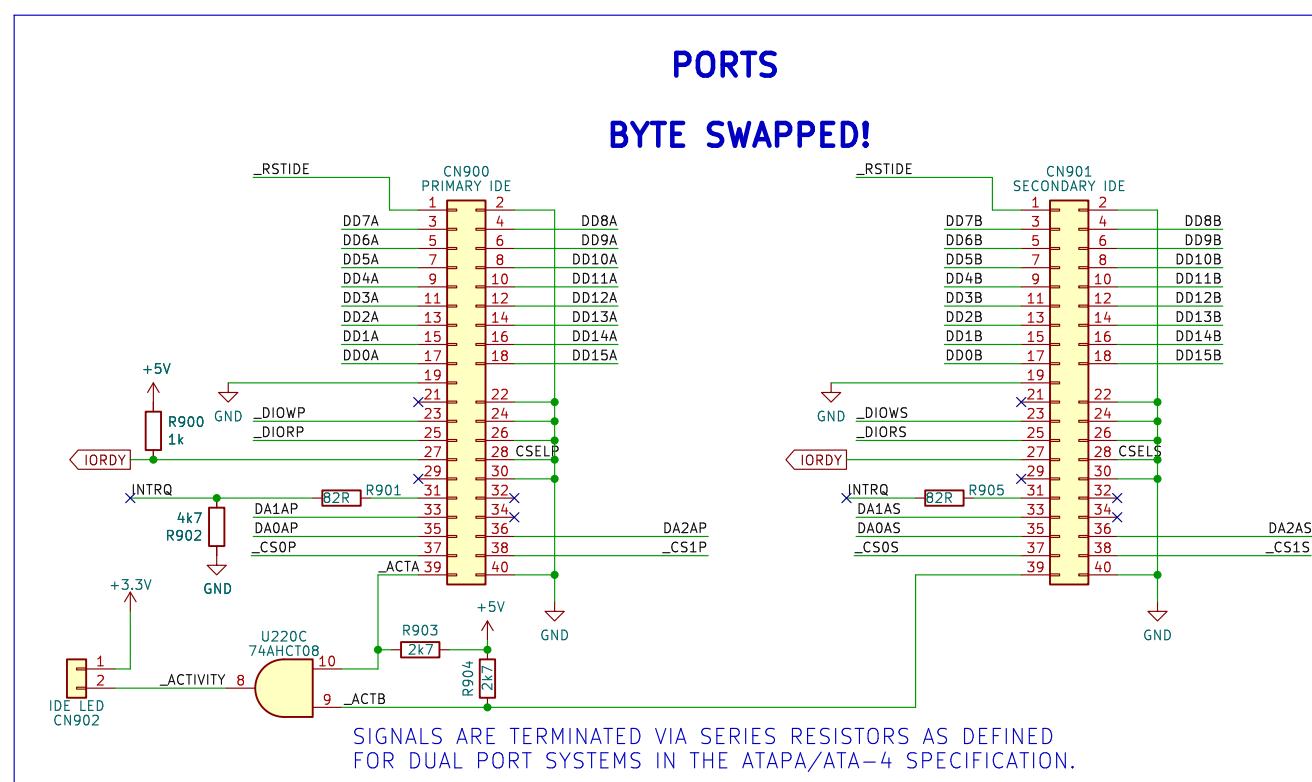
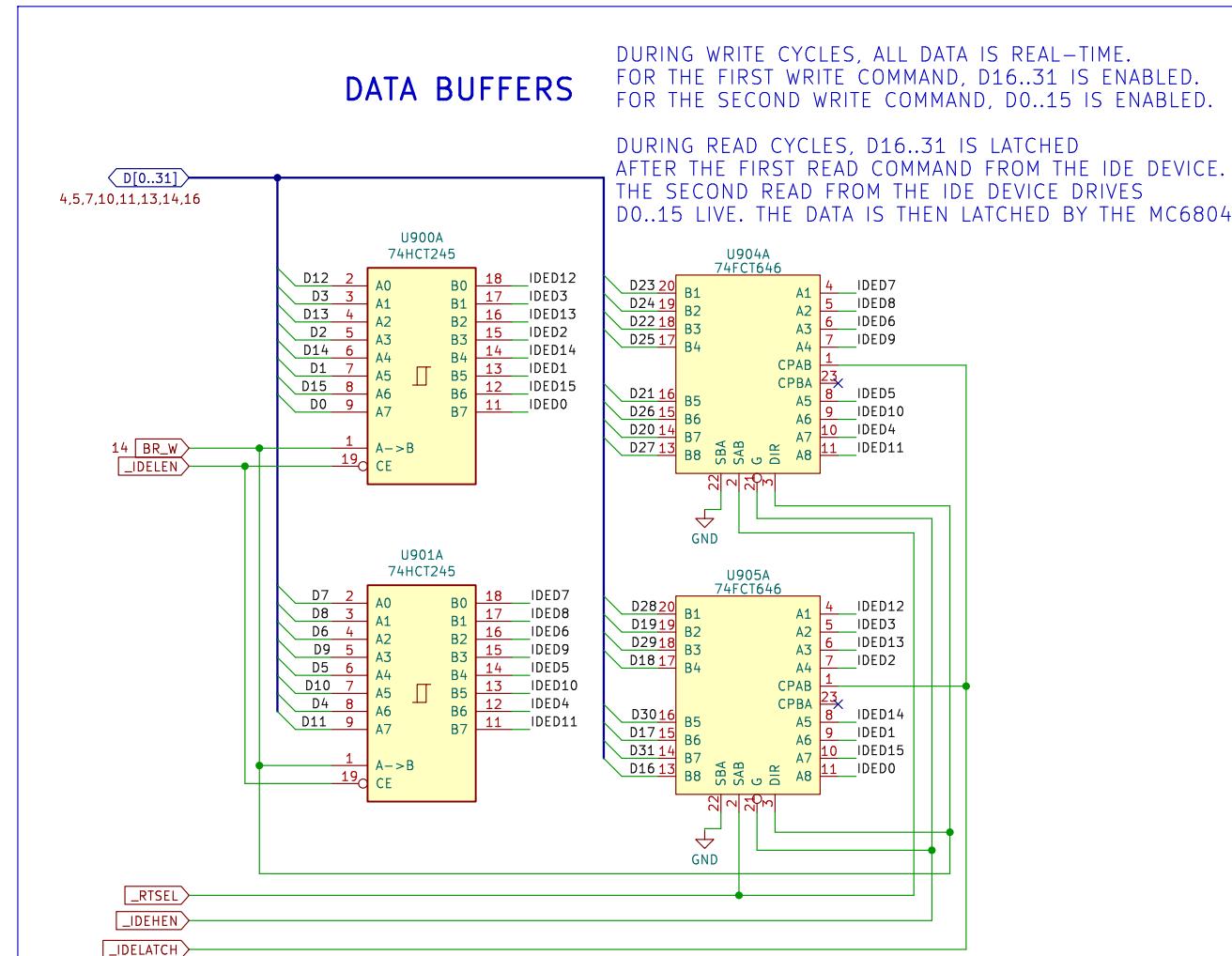


PAULA/AUDIO

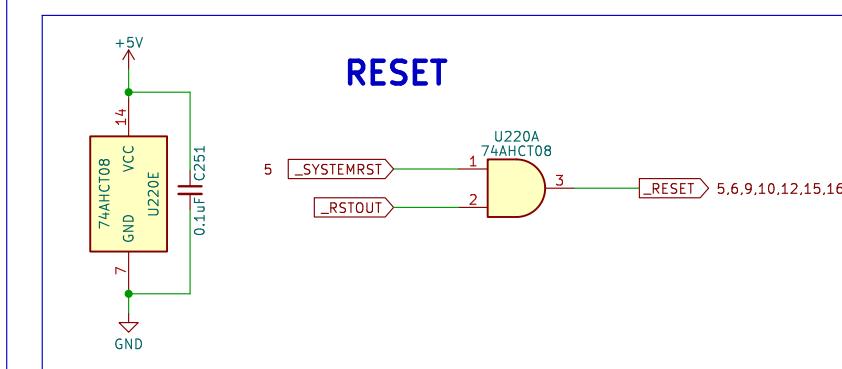
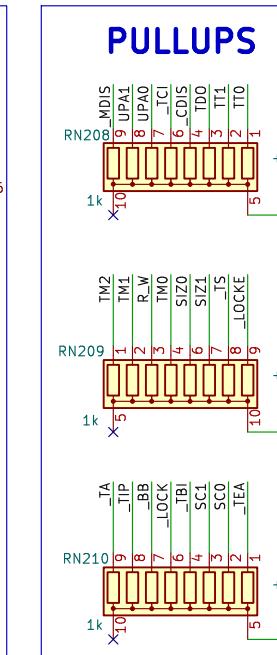
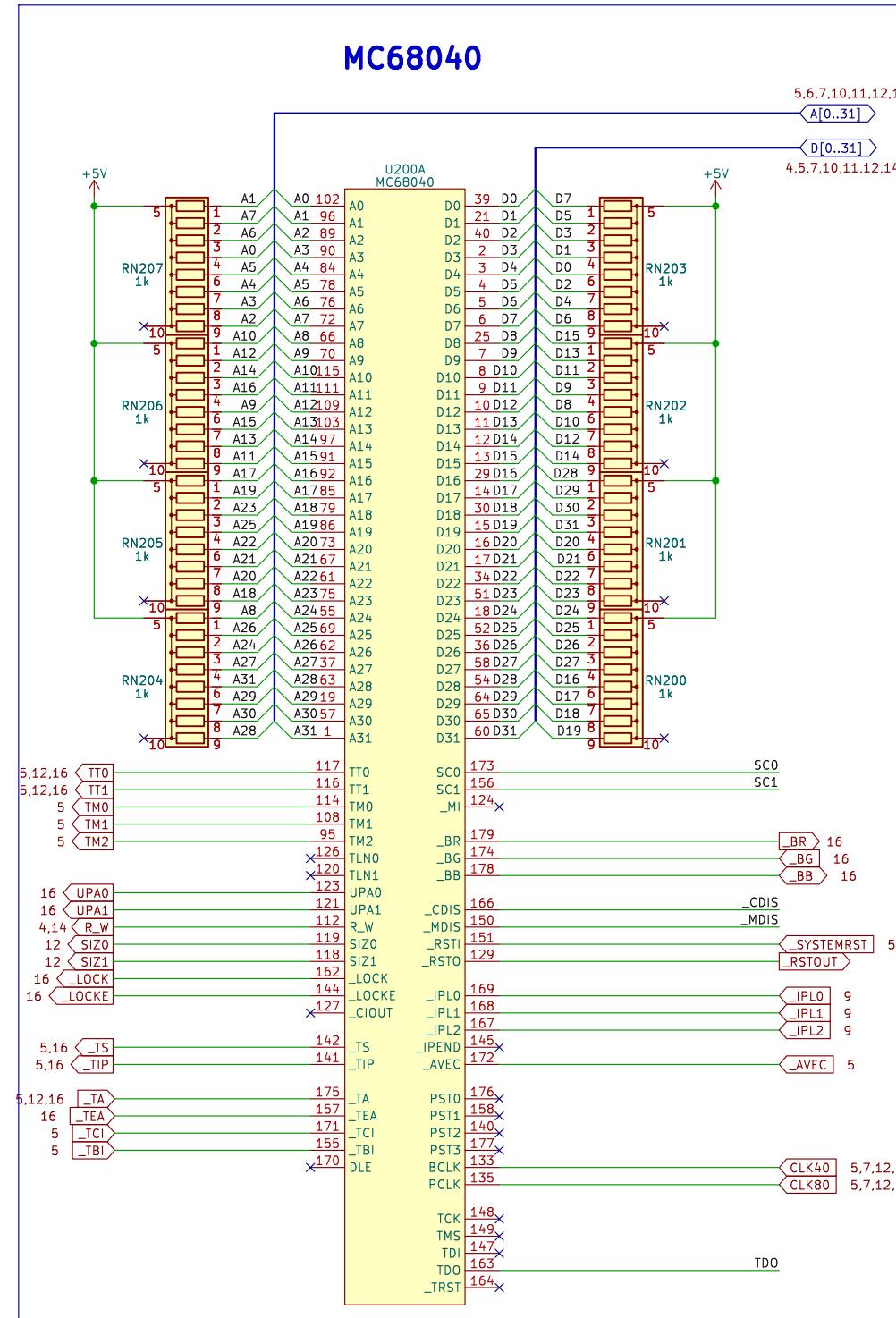
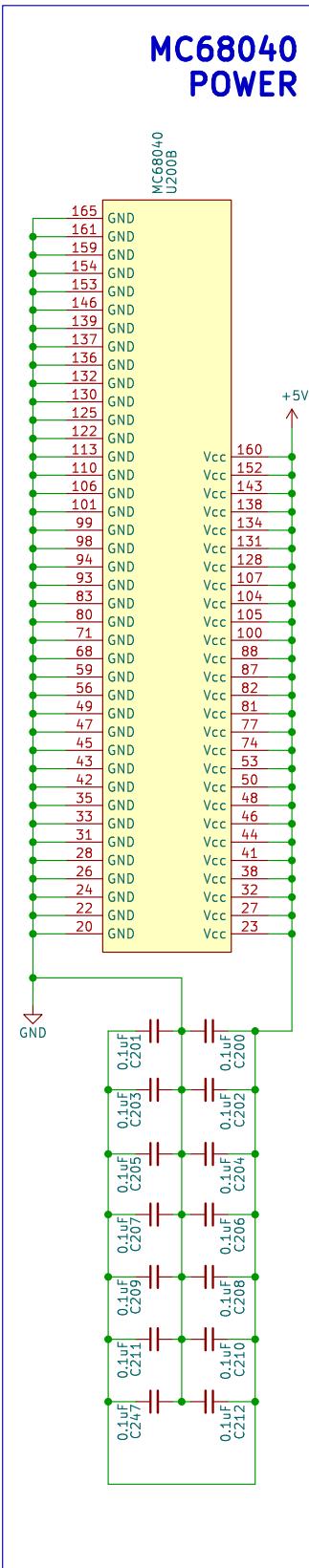
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File: audio.kicad_sch	Rev: 1
Title: AMIGA PCI	
Size: B	Date: 2023-12-31
KiCad E.D.A. kicad 7.0.10~7.0.10~ubuntu23.10.1	Id: 9/16







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



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

ALTERNATE HEATSINK: BDN18-6CB/A01

CPU

Sheet: /CPU/
File: cpu.kicad_sch

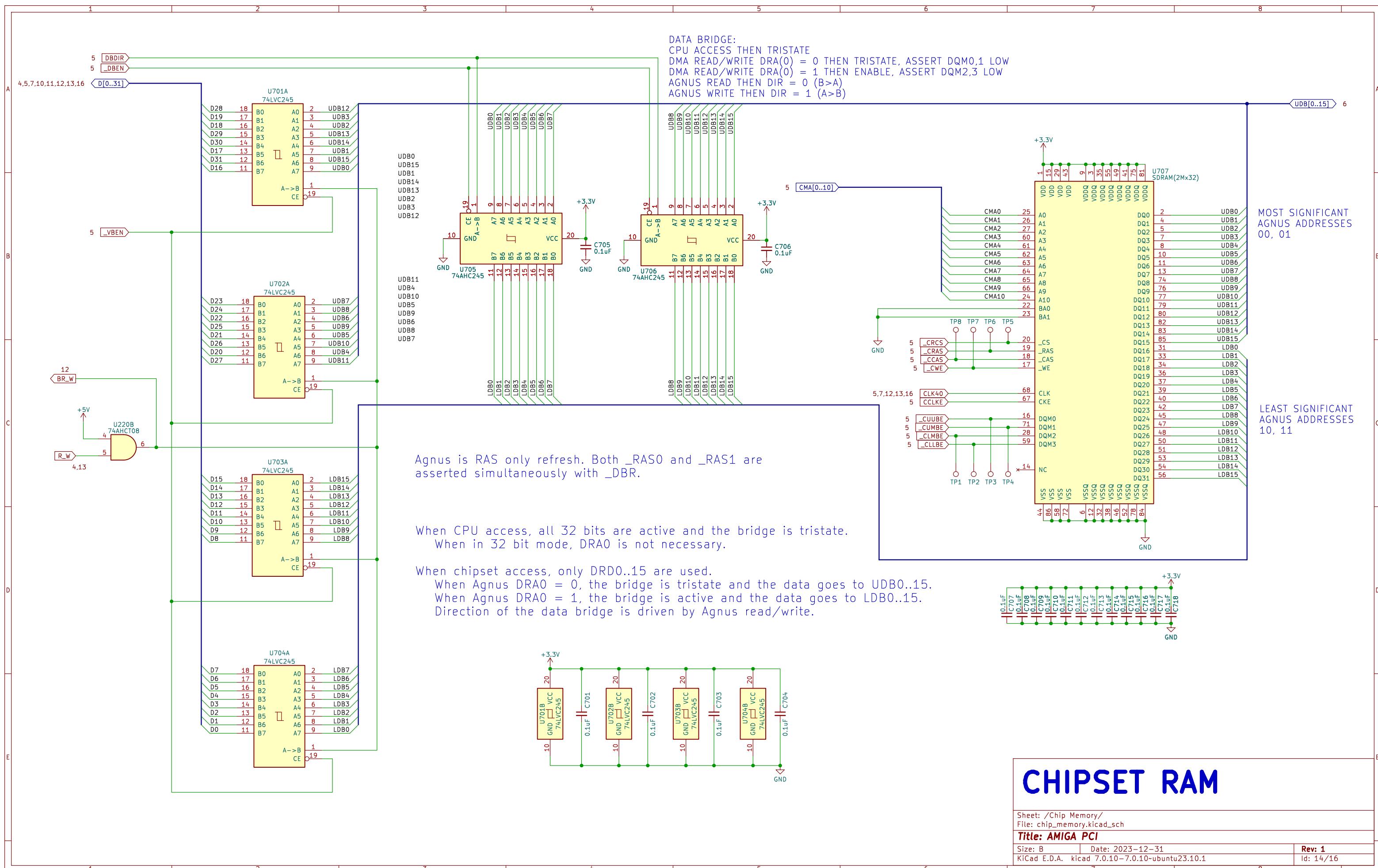
Title: AMIGA PCI

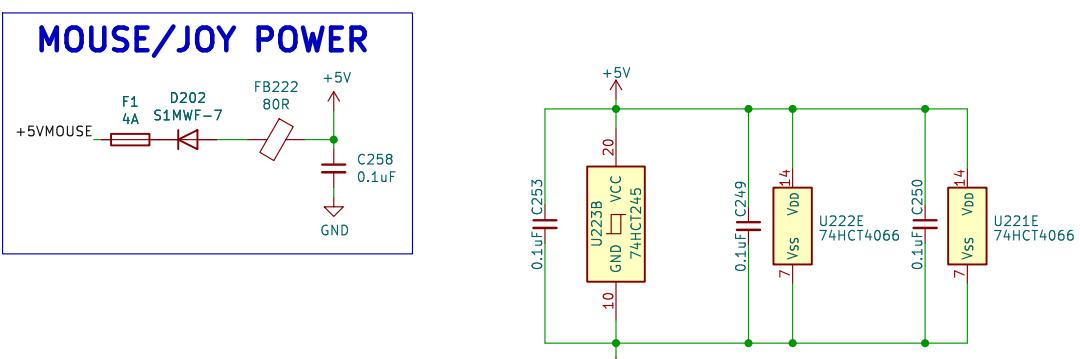
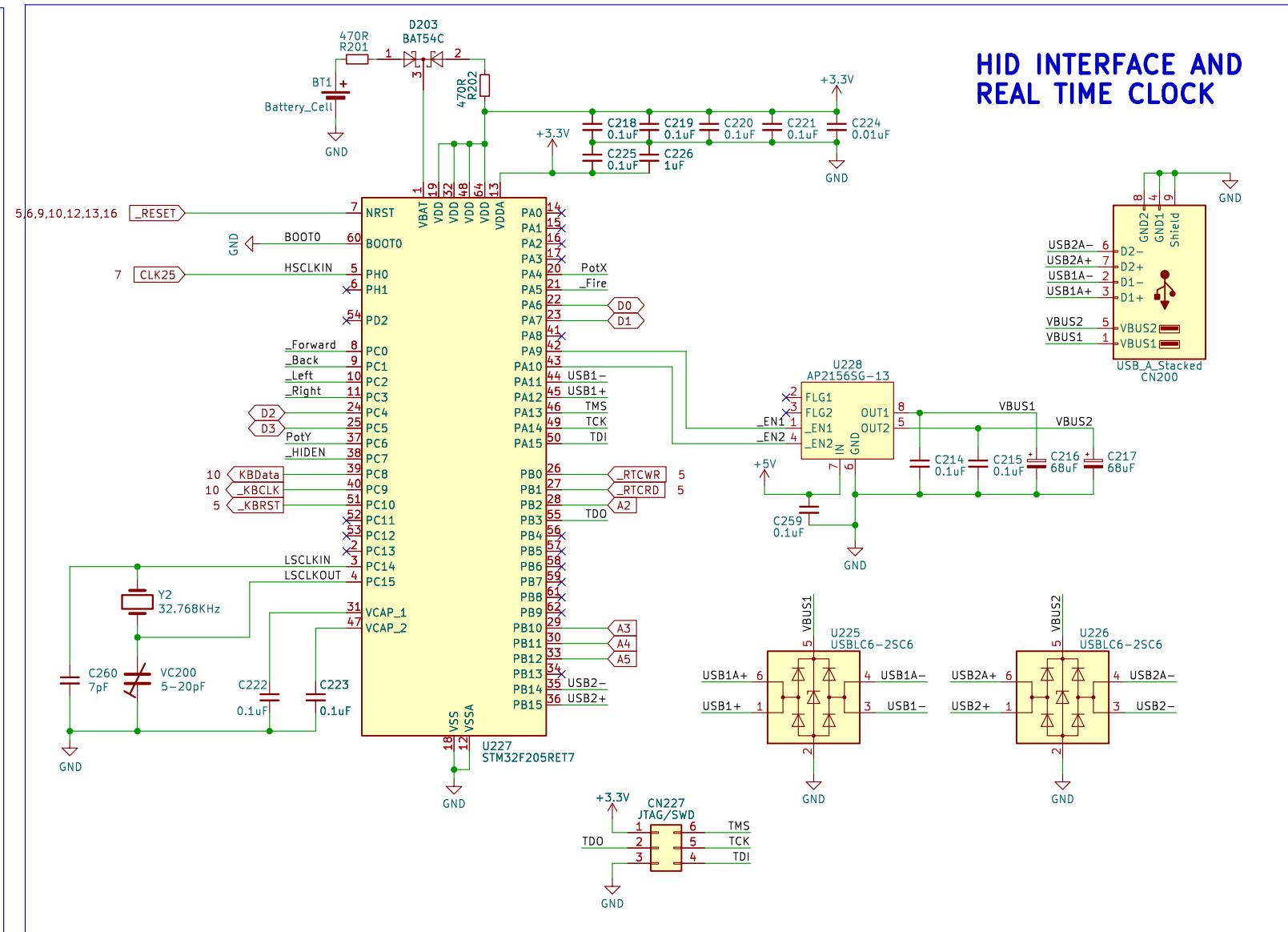
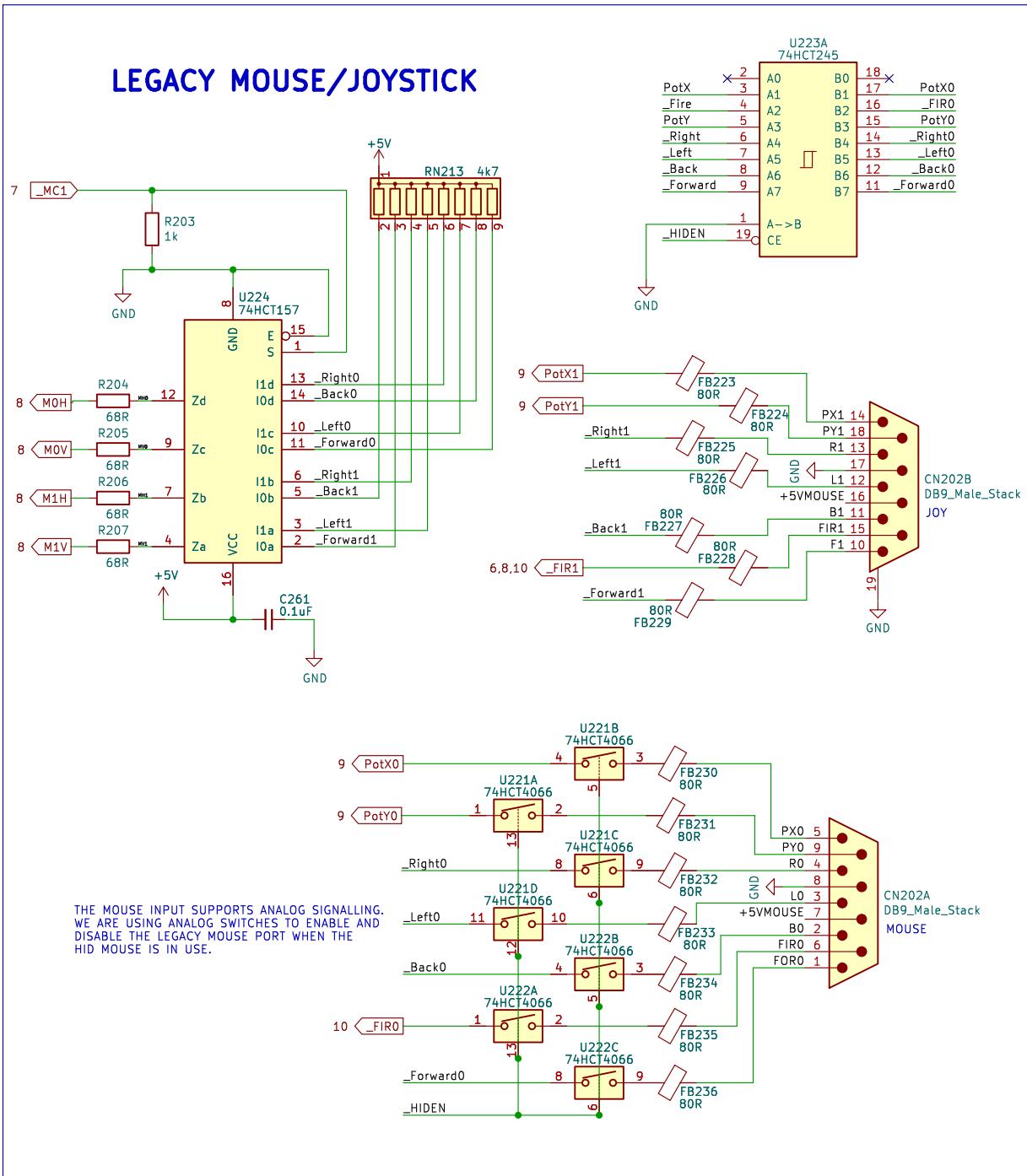
Size: B Date: 2023-1

KiCad E.D.A. kicad 7.0.10 – 7.0.

7

Id: 13/1





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

