

cpu



Plik: cpu.kicad_sch

RAMROM



Plik: ramrom.kicad_sch

IO



Plik: io.kicad_sch

RS232

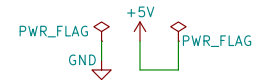


Plik: rs232.kicad_sch

physical_IO



Plik: physical_io.kicad_sch



<https://maniek86.xyz>

maniek86

Sheet: /

File: m68k.kicad_sch

Title: Motorola 68000 homebrew

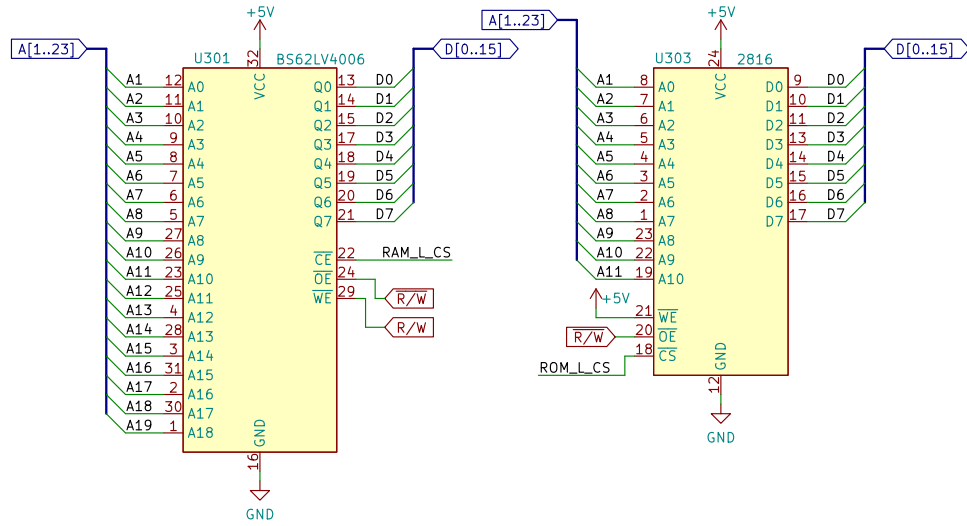
Size: A4 Date: 2024-08-13

KiCad E.D.A. kicad 6.0.11+dfsg-1

Rev: 3

Id: 1/6

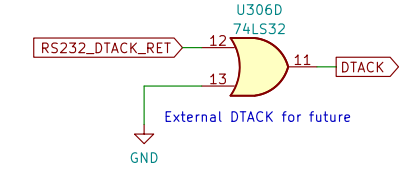
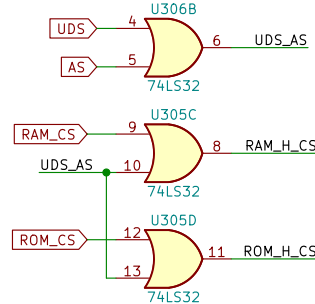
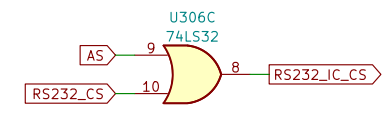
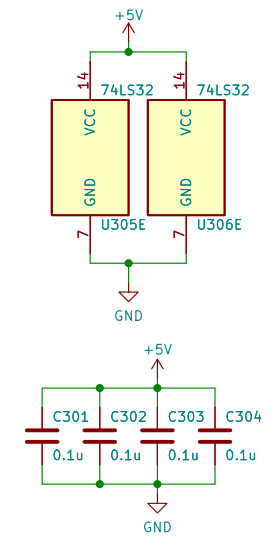
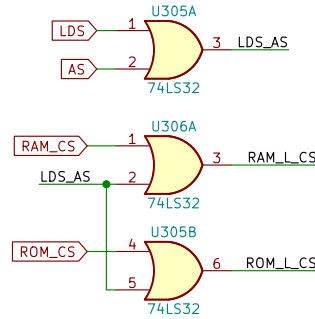
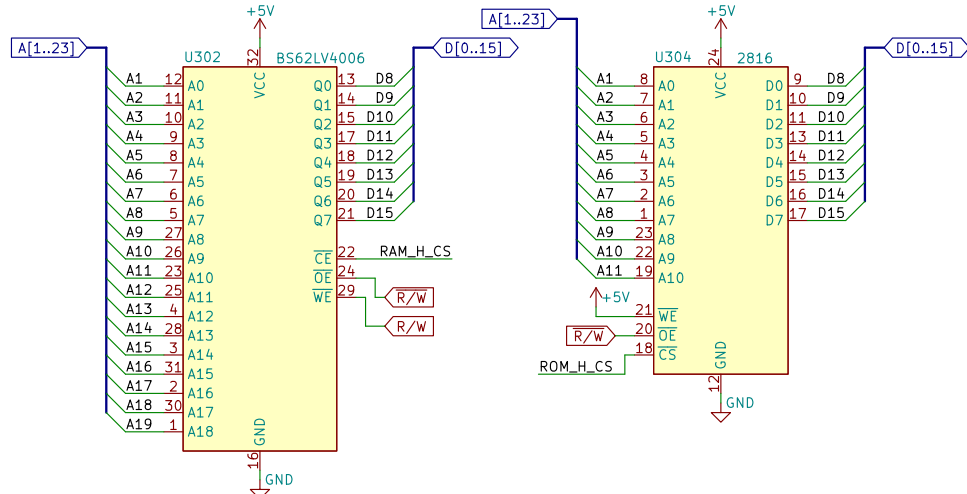
Lower bits 0-7



1MB of RAM mapped at 0x800000-0xFFFFF (8MB-16MB)

4KB of ROM mapped at 0x000000-0xFFFF (0MB-1MB)

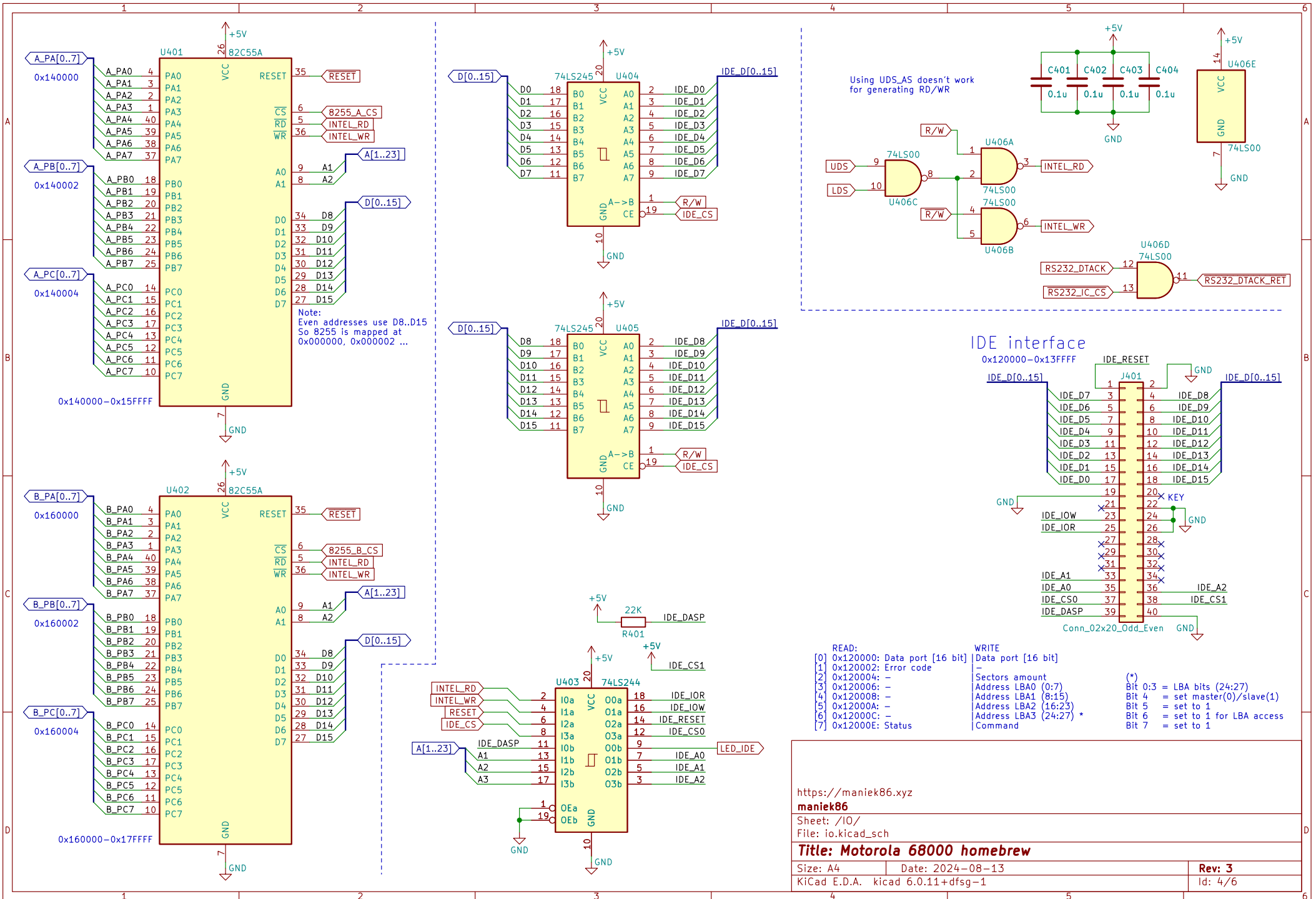
Upper/higher bits 8-15



<https://maniek86.xyz>
maniek86
 Sheet: /RAMROM/
 File: ramrom.kicad_sch

Title: Motorola 68000 homebrew

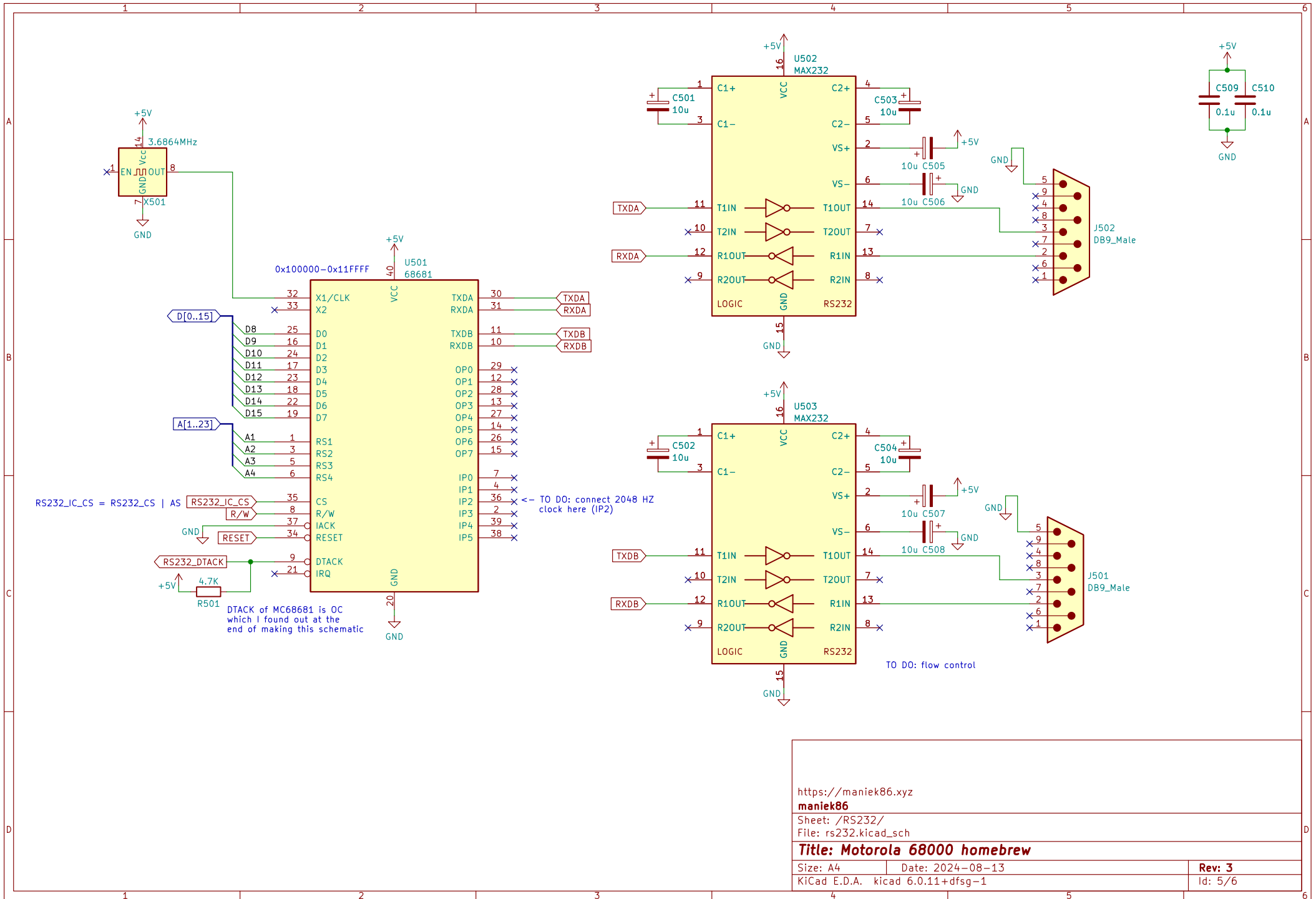
Size: A4	Date: 2024-08-13	Rev: 3
KiCad E.D.A. kicad 6.0.11+dfsg-1		Id: 3/6



<https://maniek86.xyz>
maniek86
 Sheet: /IO/
 File: io.kicad_sch

Title: Motorola 68000 homebrew

Size: A4	Date: 2024-08-13	Rev: 3
KiCad E.D.A. kicad 6.0.11+dfsg-1		Id: 4/6



<https://maniek86.xyz>

maniek86

Sheet: /RS232/

File: rs232.kicad_sch

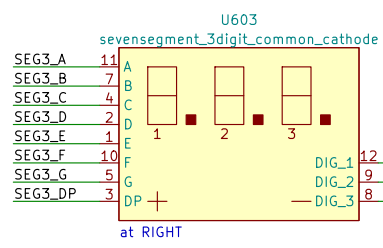
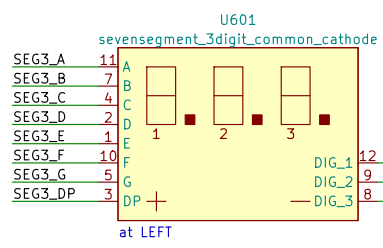
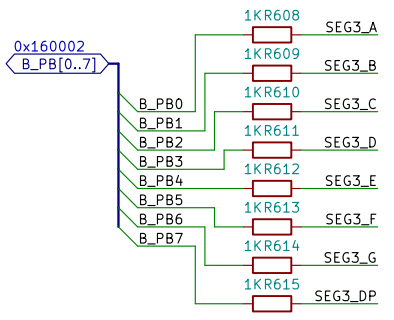
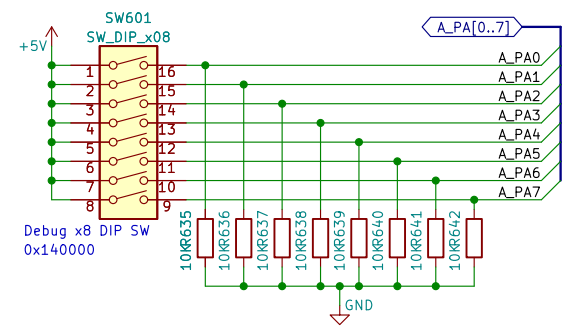
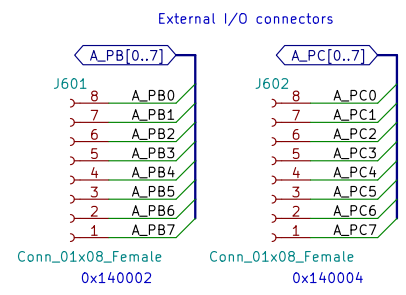
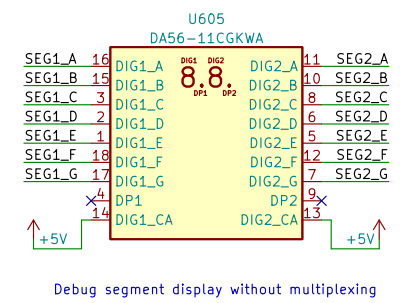
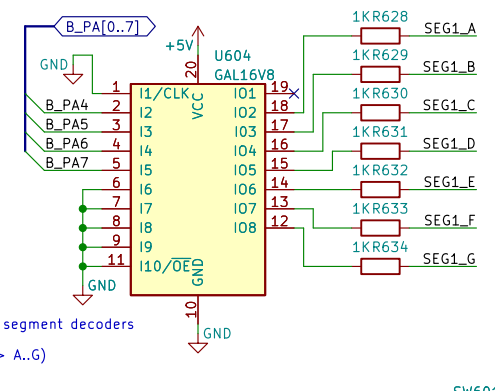
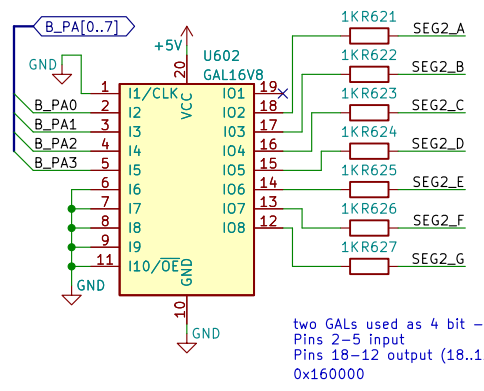
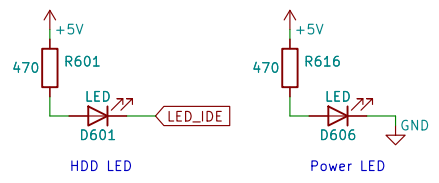
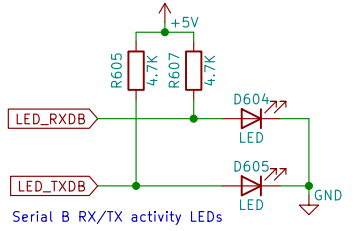
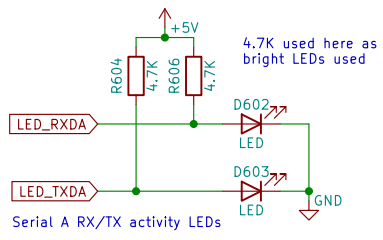
Title: Motorola 68000 homebrew

Size: A4 | Date: 2024-08-13

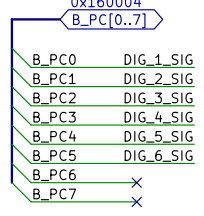
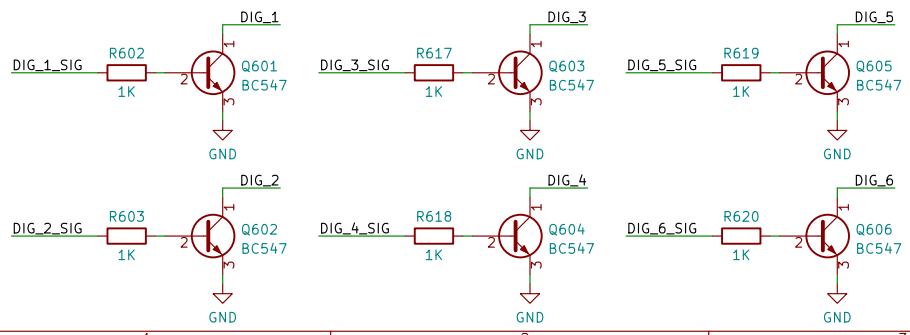
KiCad E.D.A. kicad 6.0.11+dfsg-1

Rev: 3

Id: 5/6



- pinout for 3 digit segments:
- 1 E
 - 2 D
 - 3 DP
 - 4 C
 - 5 G
 - 6 N/A
 - 7 B
 - 8 DIG1 (LEFT)
 - 9 DIG2
 - 10 F
 - 11 A
 - 12 DIG3



<https://maniek86.xyz>
maniek86
 Sheet: /physicalIO/
 File: physicalIo.kicad_sch
Title: Motorola 68000 homebrew
 Size: A4 Date: 2024-08-13
 KiCad E.D.A. kicad 6.0.11+dfsg-1
 Rev: 3
 Id: 6/6