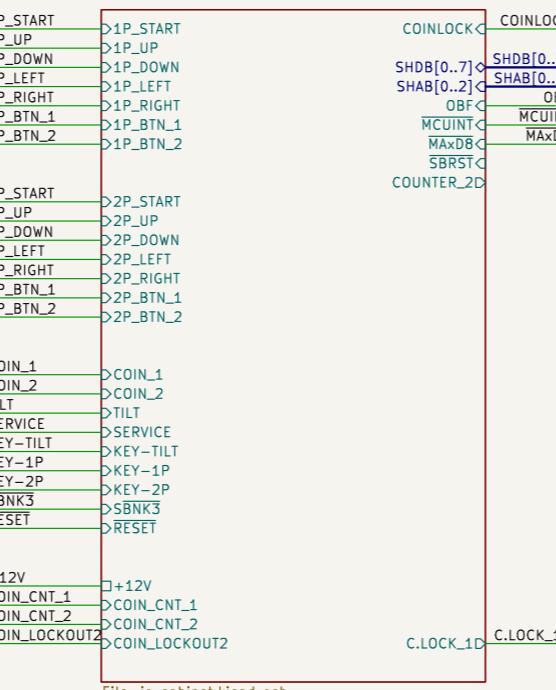
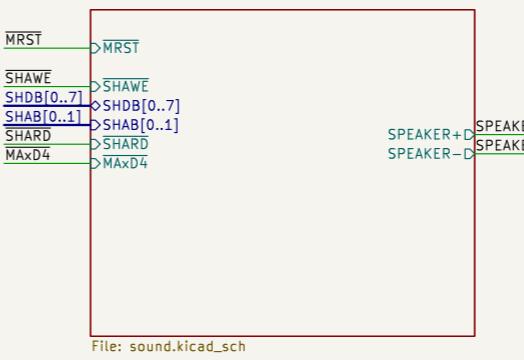


Cabinet



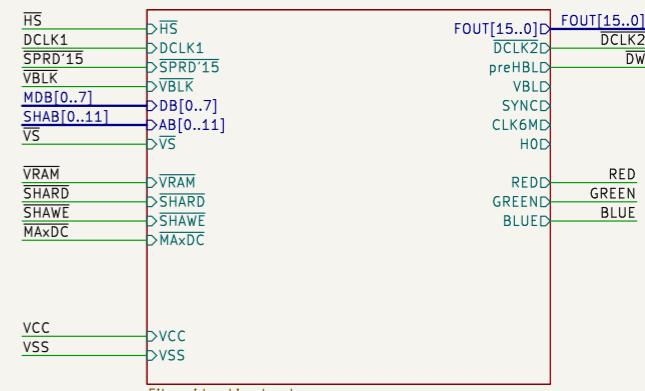
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Sound



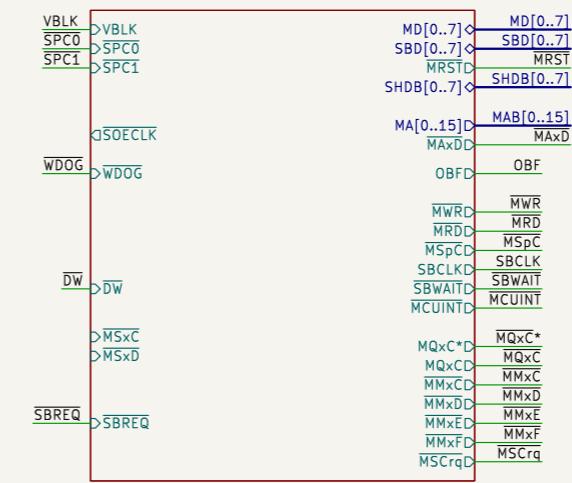
File: sound.kicad_sch

Video



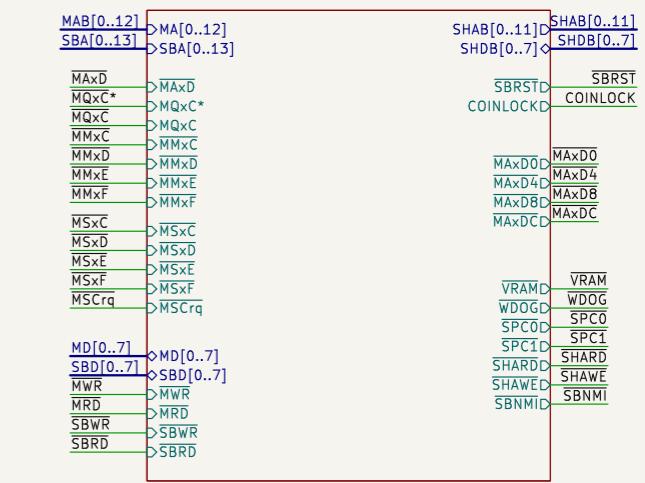
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Main



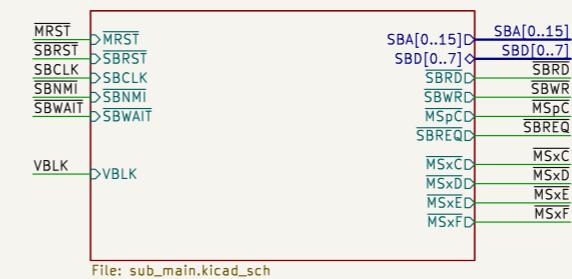
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Shared

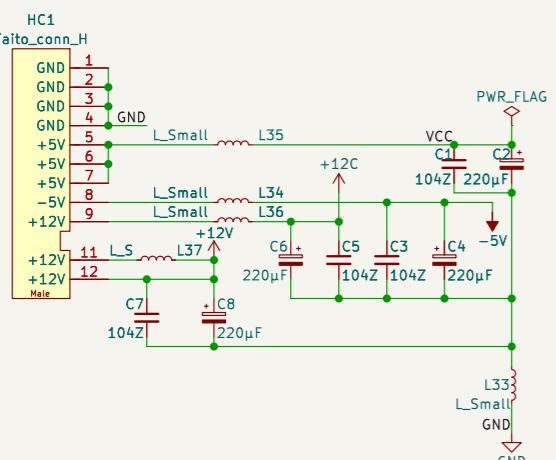


File: shared.kicad_sch

Sub



File: sub_main.kicad_sch



File: capacitors_lu.kicad_sch

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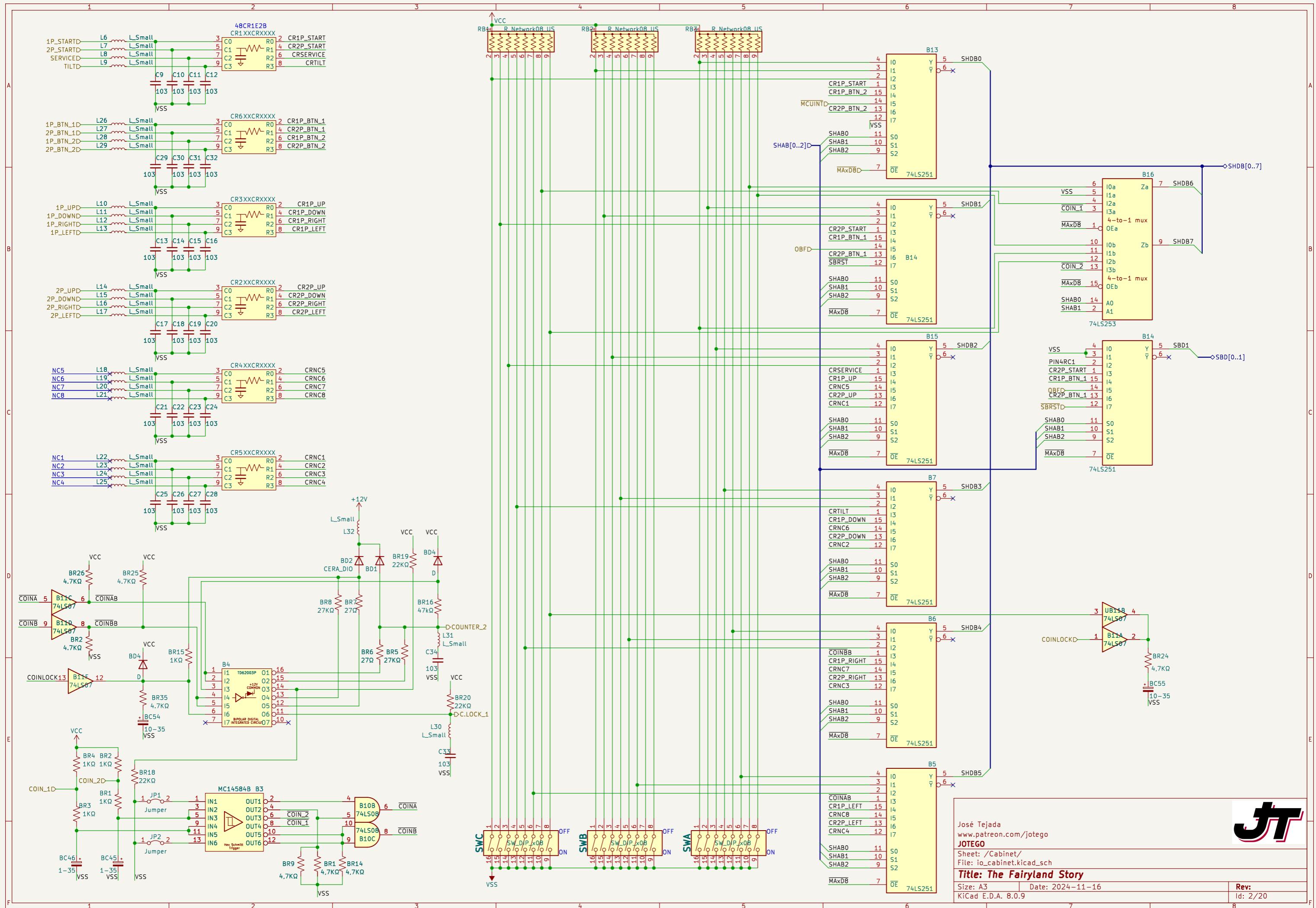
Sheet: /
File: fairyland.kicad_sch

Title: The Fairyland Story

Size: A3 Date: 2024-11-16
KiCad E.D.A. 8.0.9



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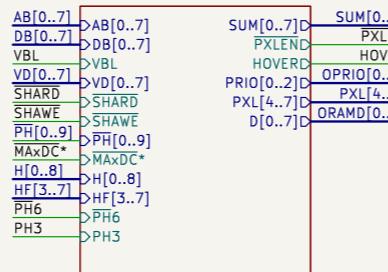
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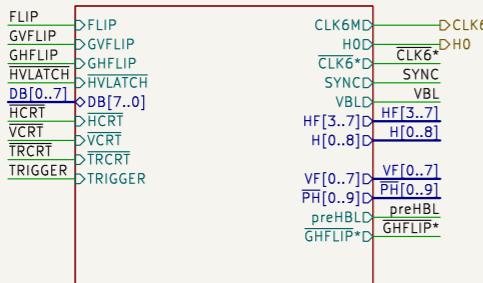
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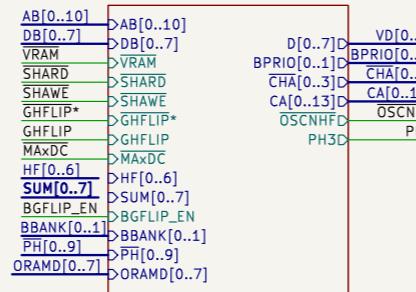
Object RAM



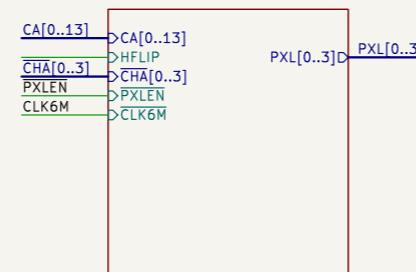
Timing



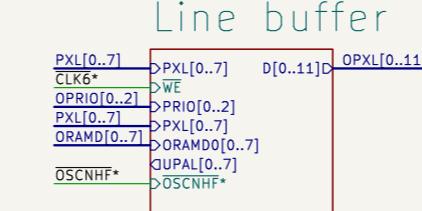
Video RAM



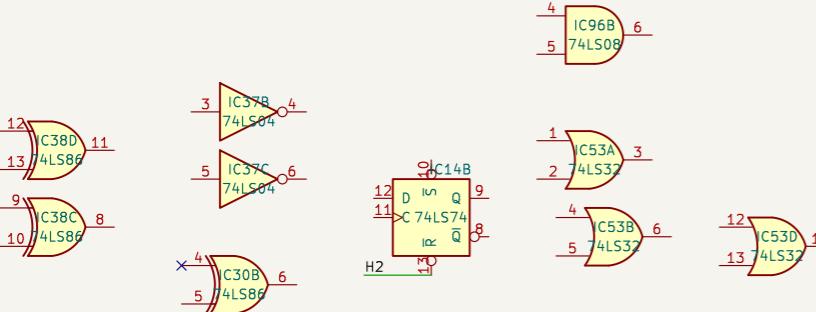
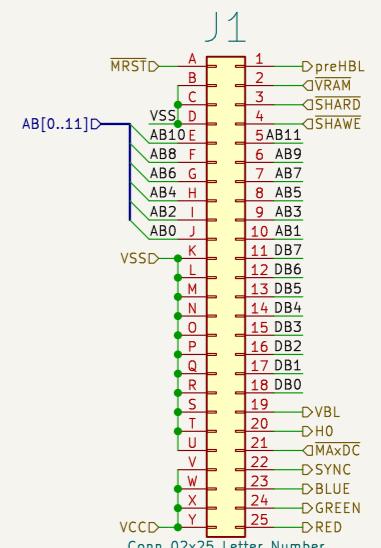
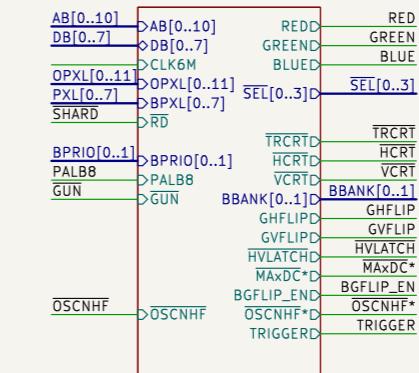
Tile ROM



Line buffer



Palette



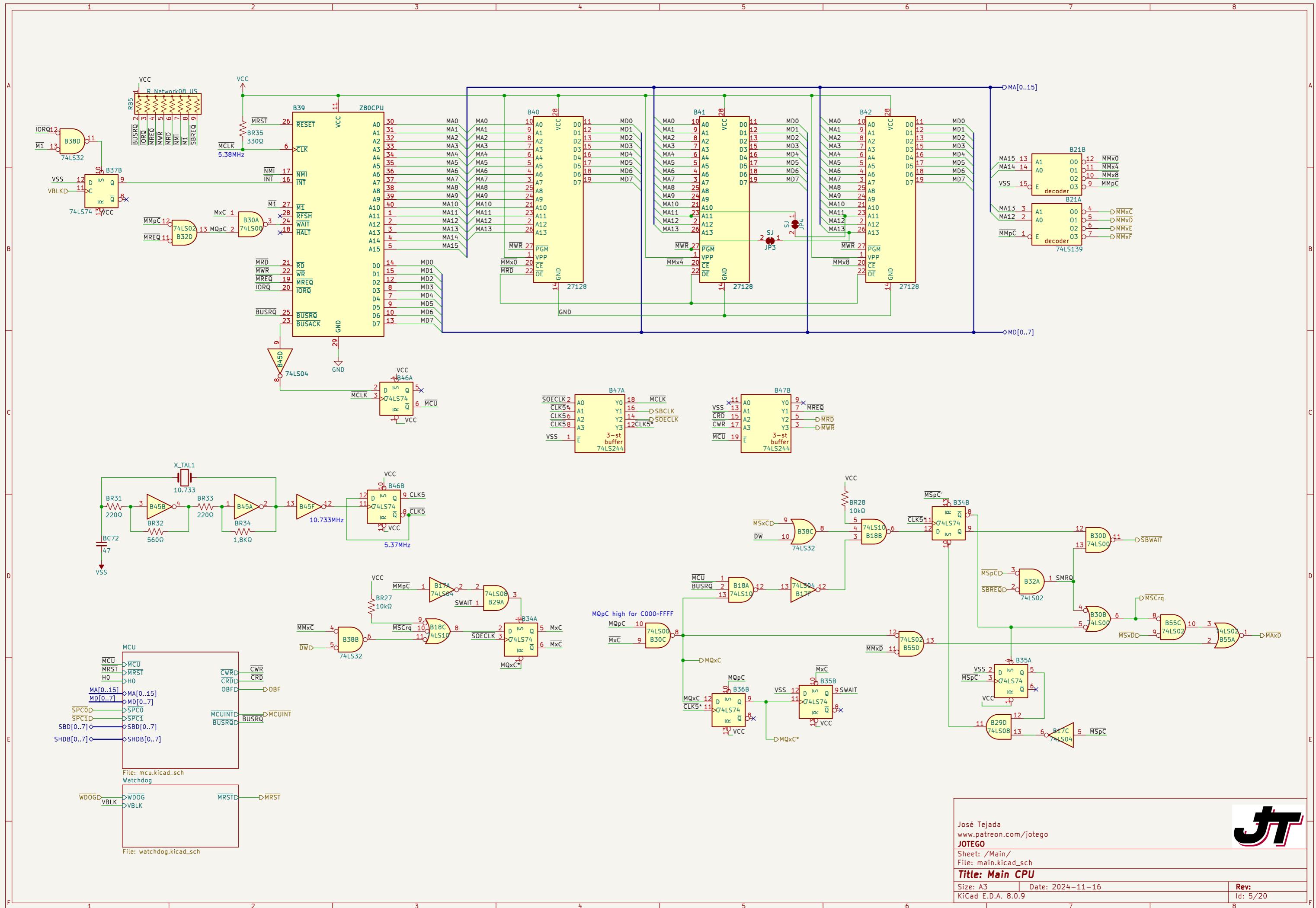
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Sheet: /Video/
 File: video.kicad_sch

Title: The Fairyland Story

Size: A3 Date: 2024-11-16
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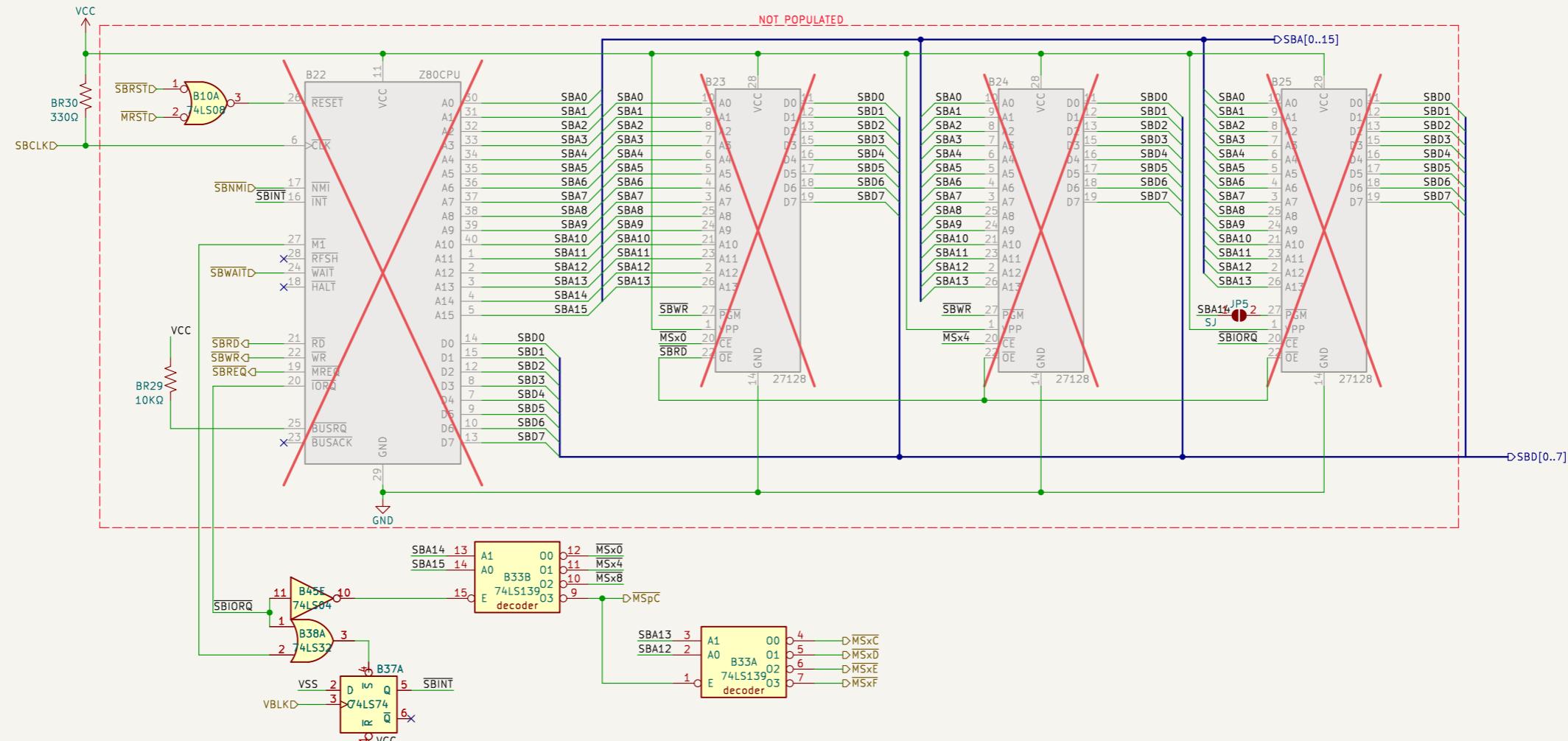
Sheet: /Sound/
 File: sound.kicad_sch

Title: Sound Board

Size: A3 | Date: 2024-11-16
 KiCad E.D.A. 8.0.9

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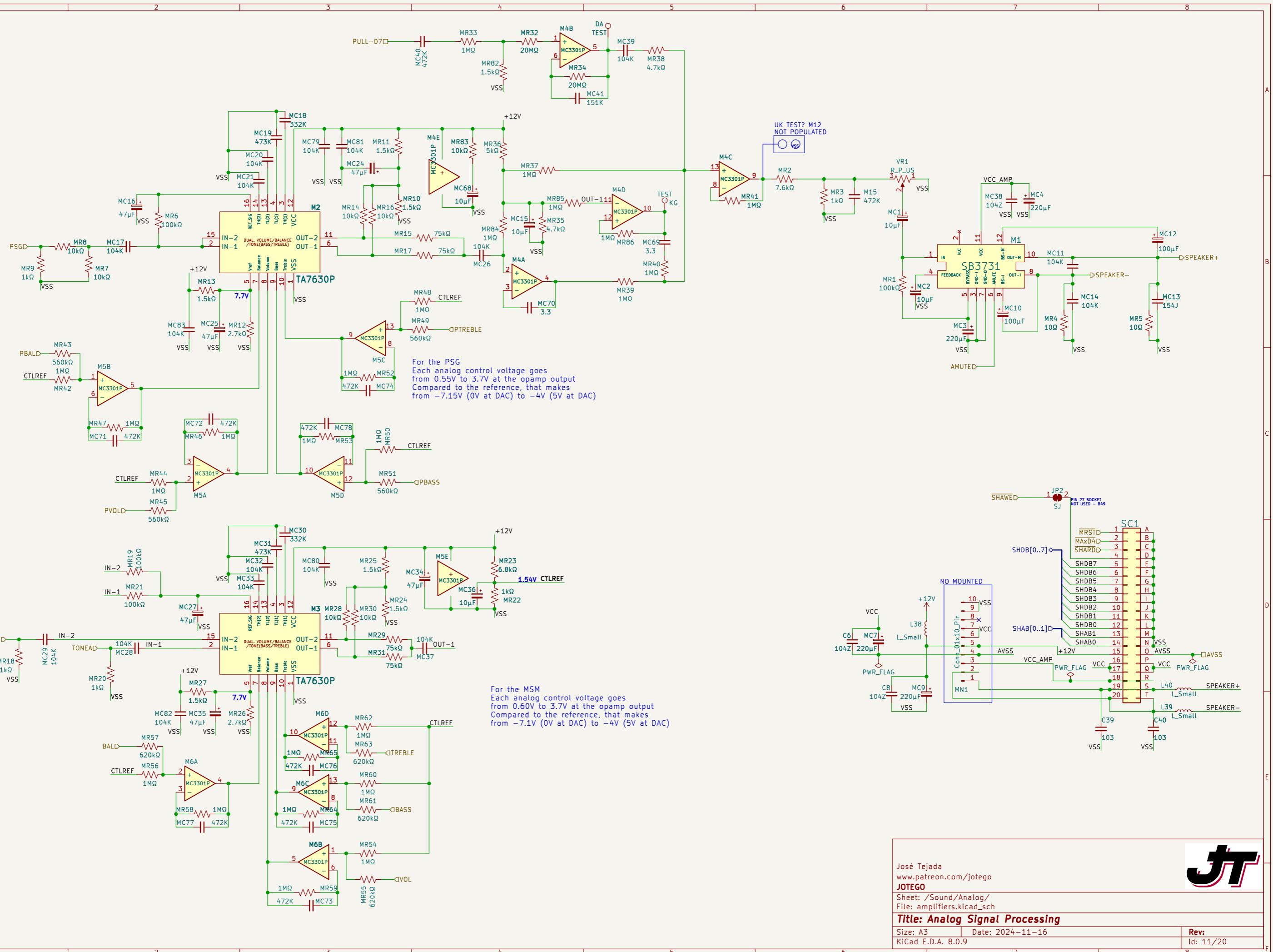


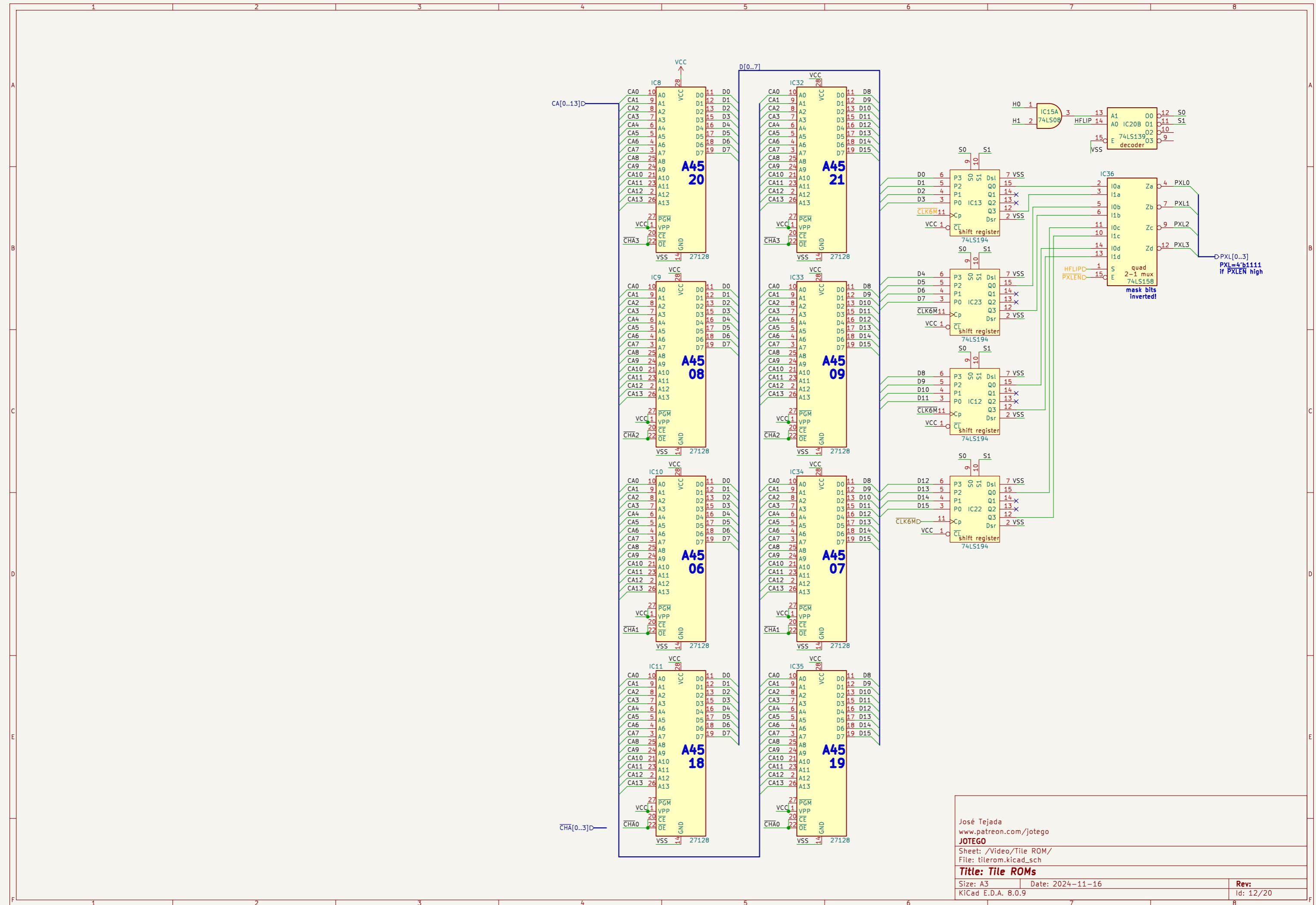
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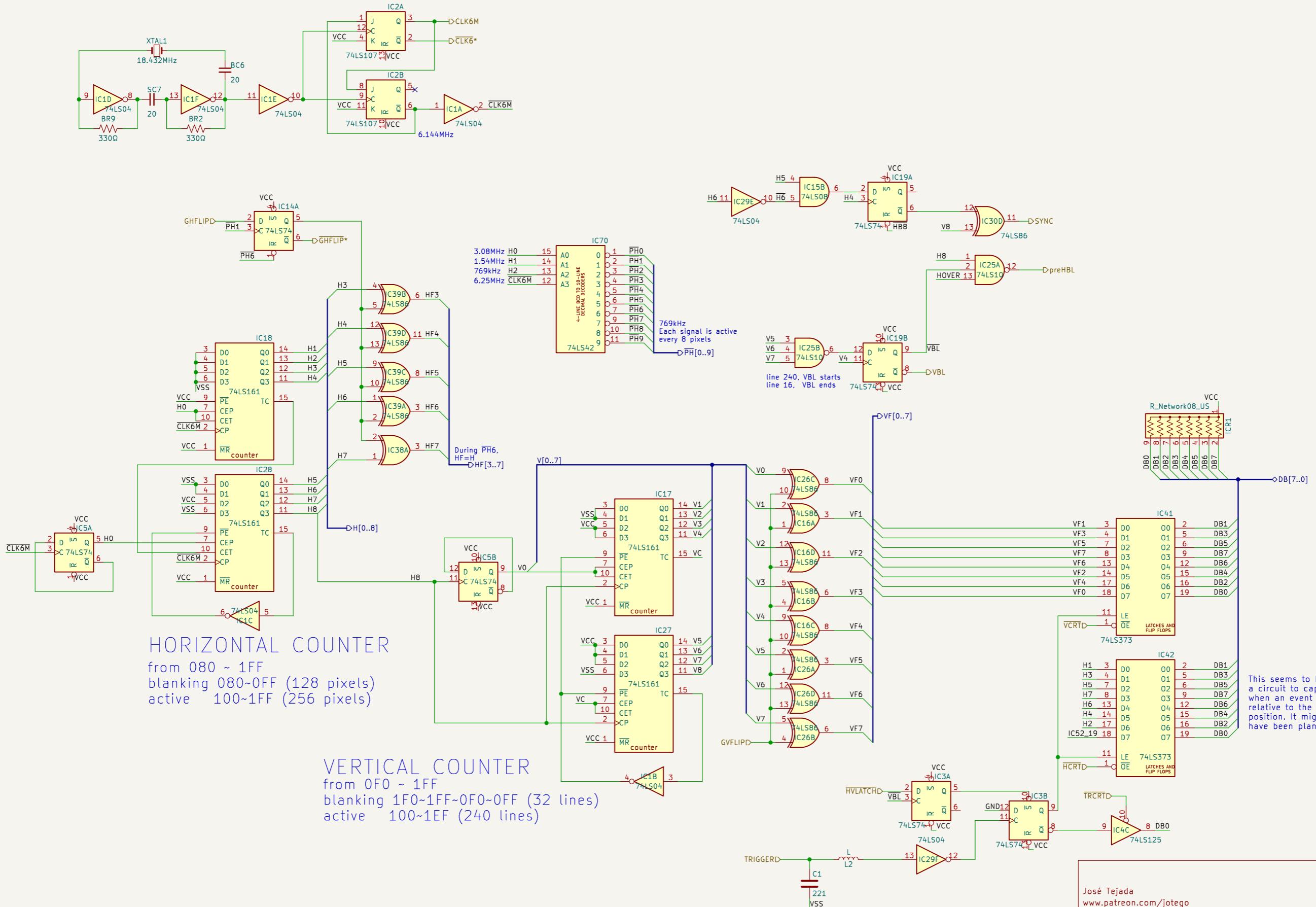
Sheet: /Sub/
File: sub_main.kicad_sch
Title: Subsidiary CPU

Size: A3 | Date: 2024-11-16
KiCad E.D.A. 8.0.9

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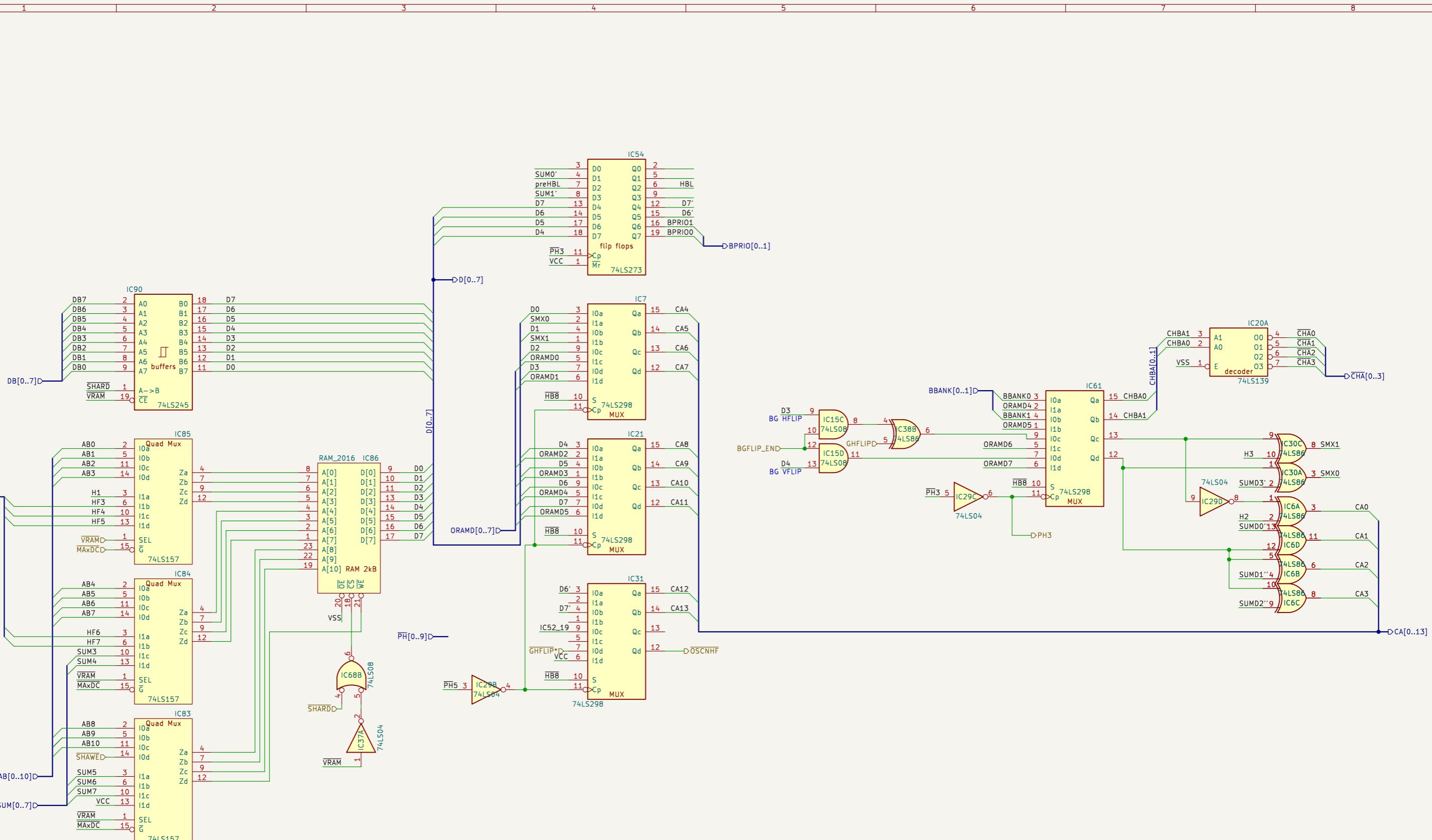


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Title: Video Timing

Size: A3 Date: 2024-11-16
KiCad E.D.A. 8.0.9



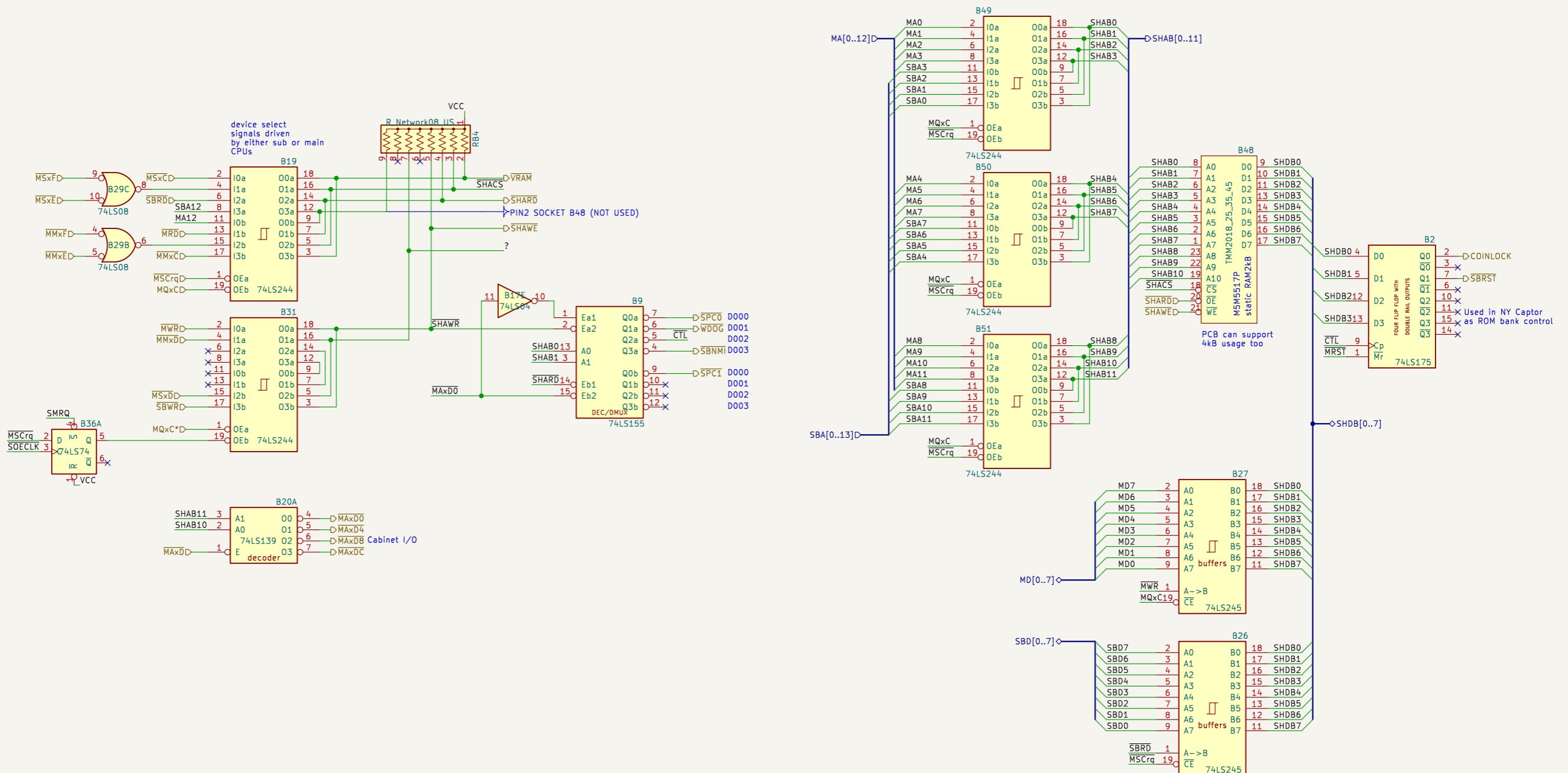
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Sheet: /Video/Video RAM/
File: vram.kicad_sch

Title: Background Video RAM

Size: A3 | Date: 2024-11-16
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The MCU can take control of the share bus by requesting the main CPU bus

The MCU can communicate with both CPUs via latches B52 and B53

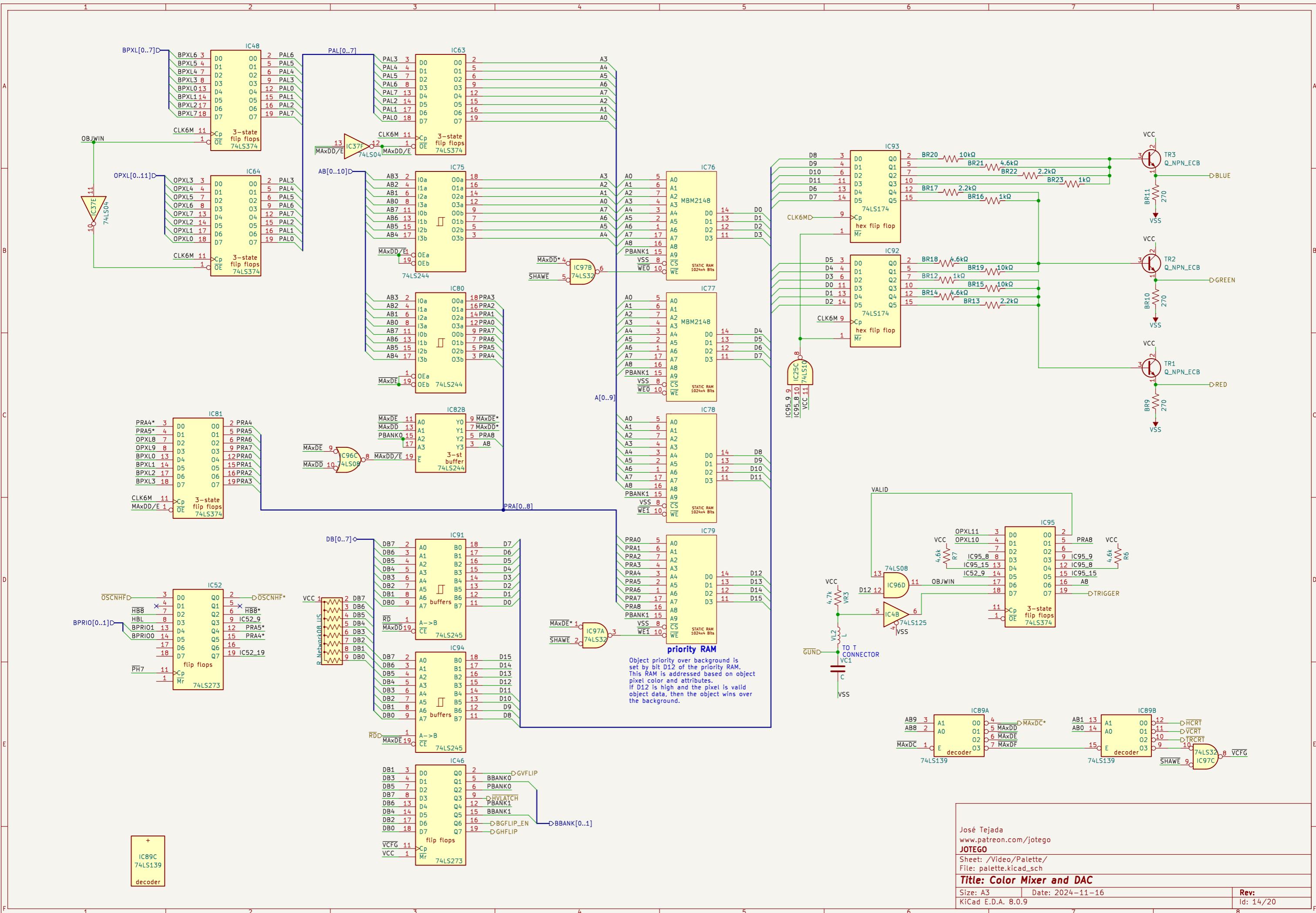
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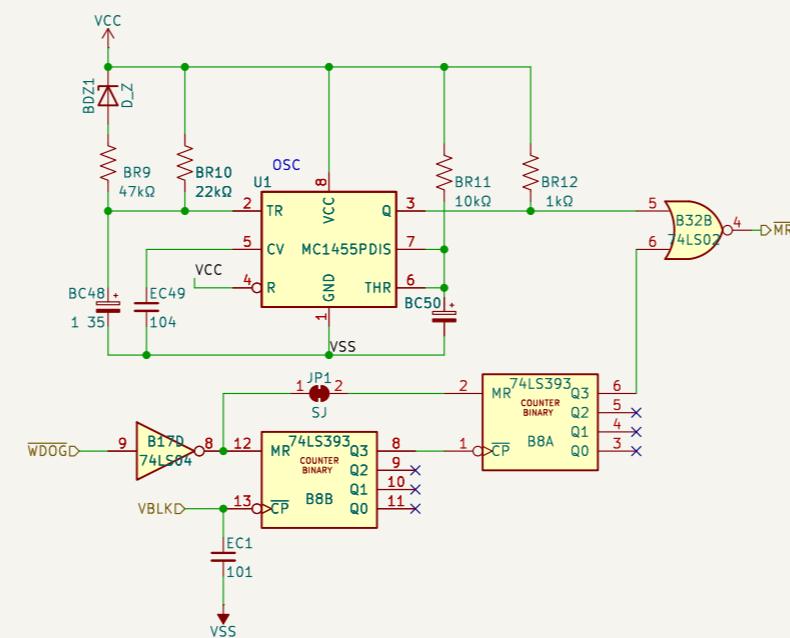
Sheet: /Main/MCU/
File: mcu.kicad_sch

Title: MCU

Size: A3 Date: 2024-11-16
KiCad E.D.A. 8.0.9

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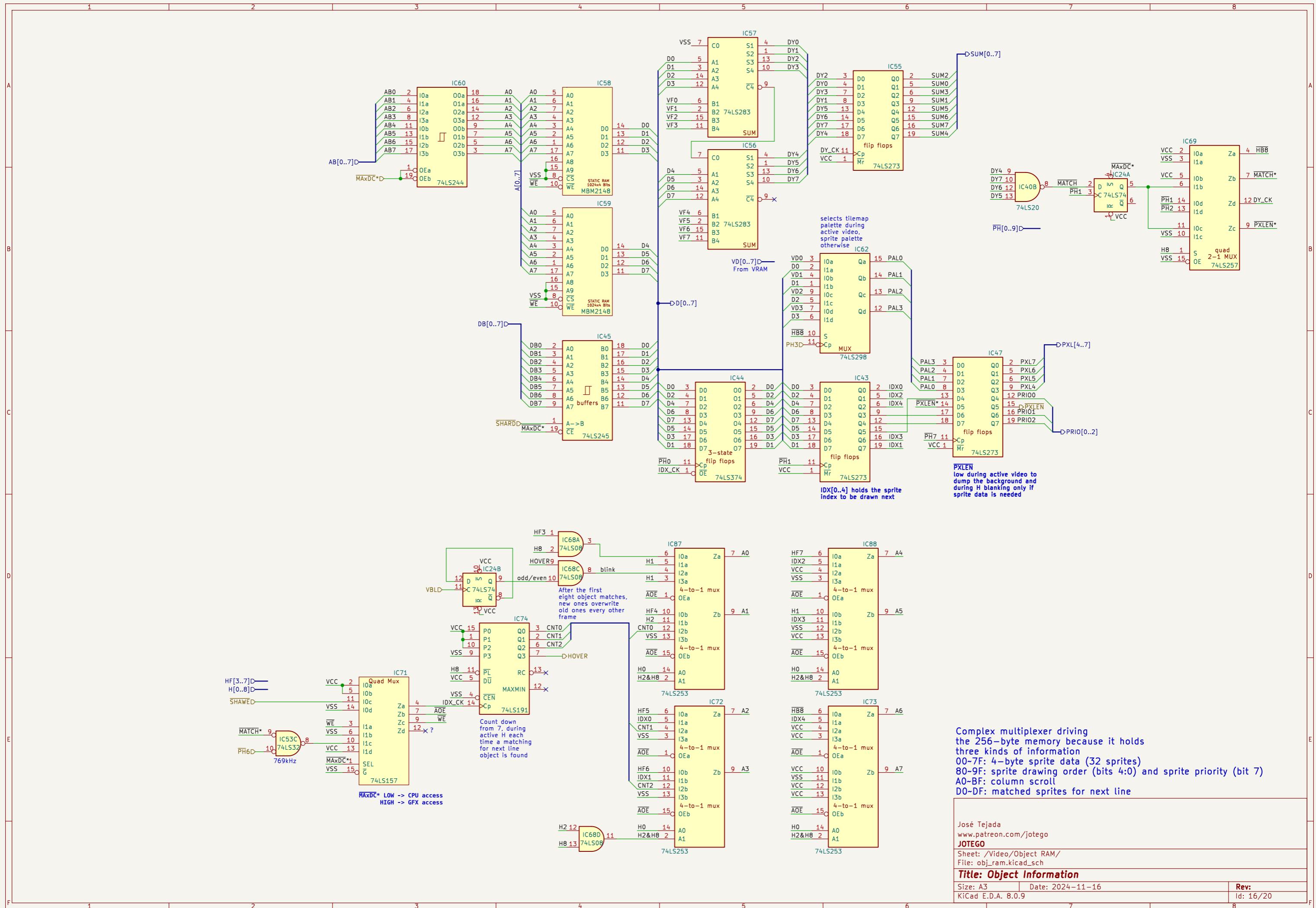
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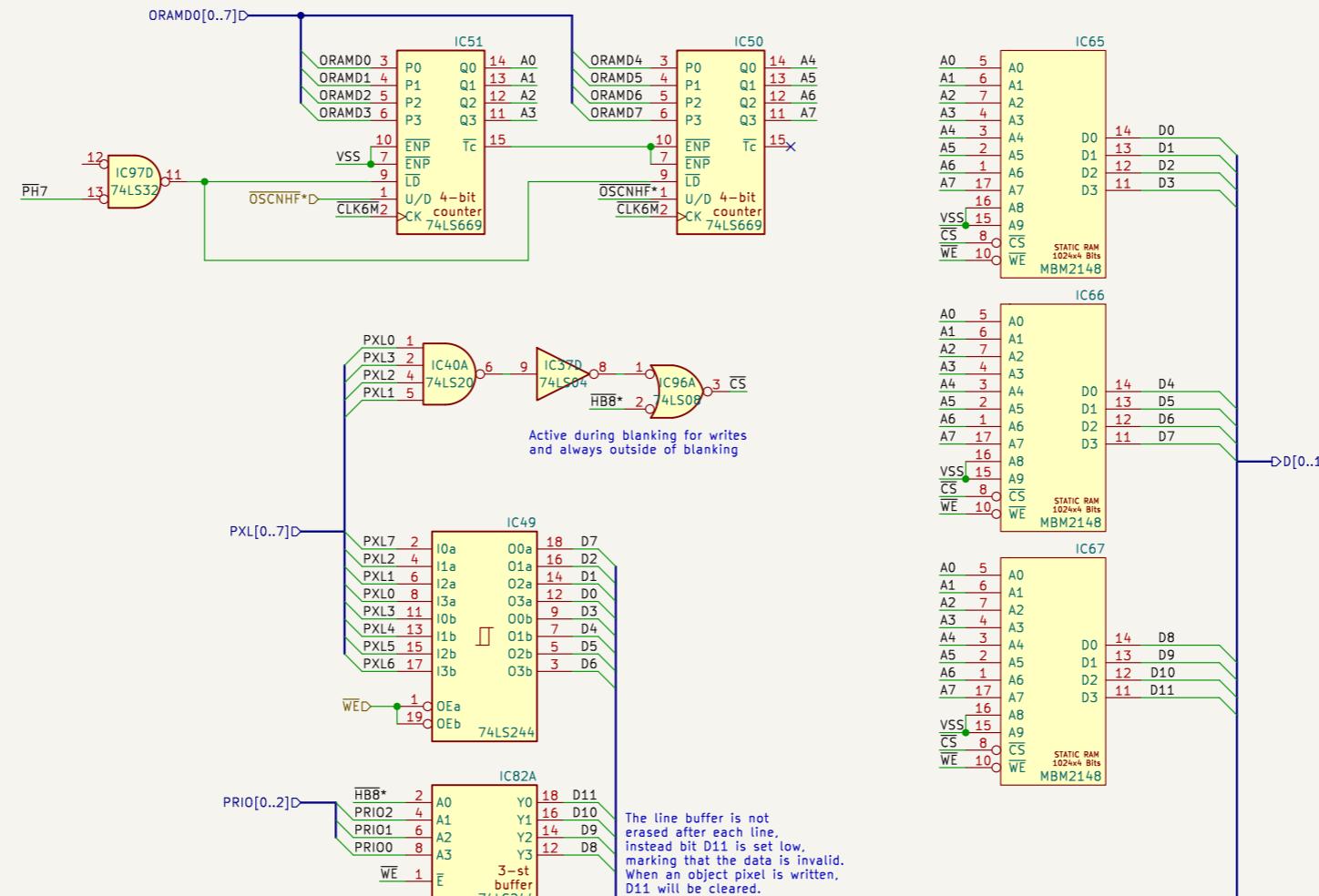
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File: watchdog.kicad_sch

Title:

Size: A3 Date: 2024-11-16
KiCad E.D.A. 8.0.9

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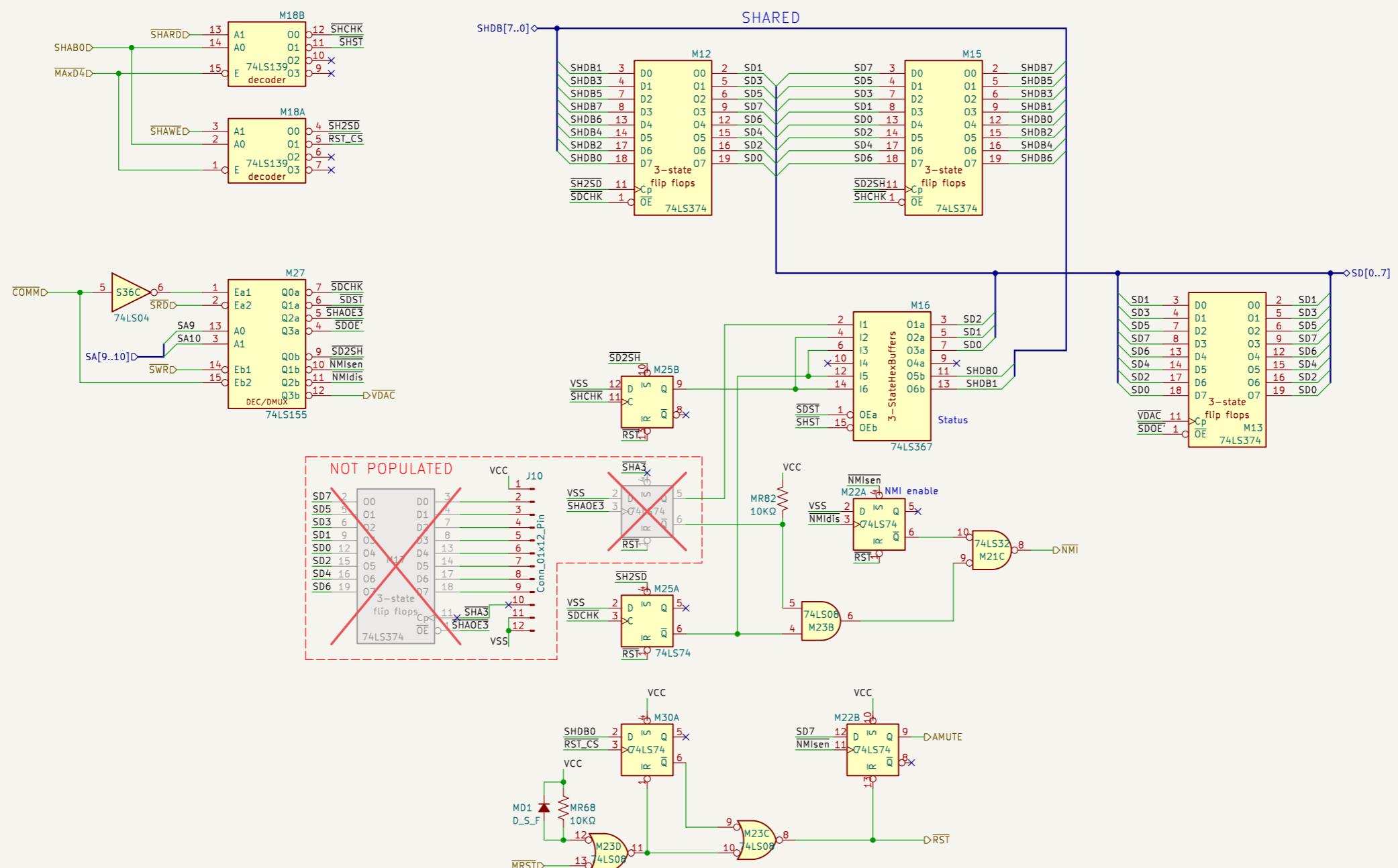
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Sheet: /Video/Line buffer/
File: linebuf.kicad_sch

Title: Single Line Video Buffer

Size: A3	Date: 2024-11-16
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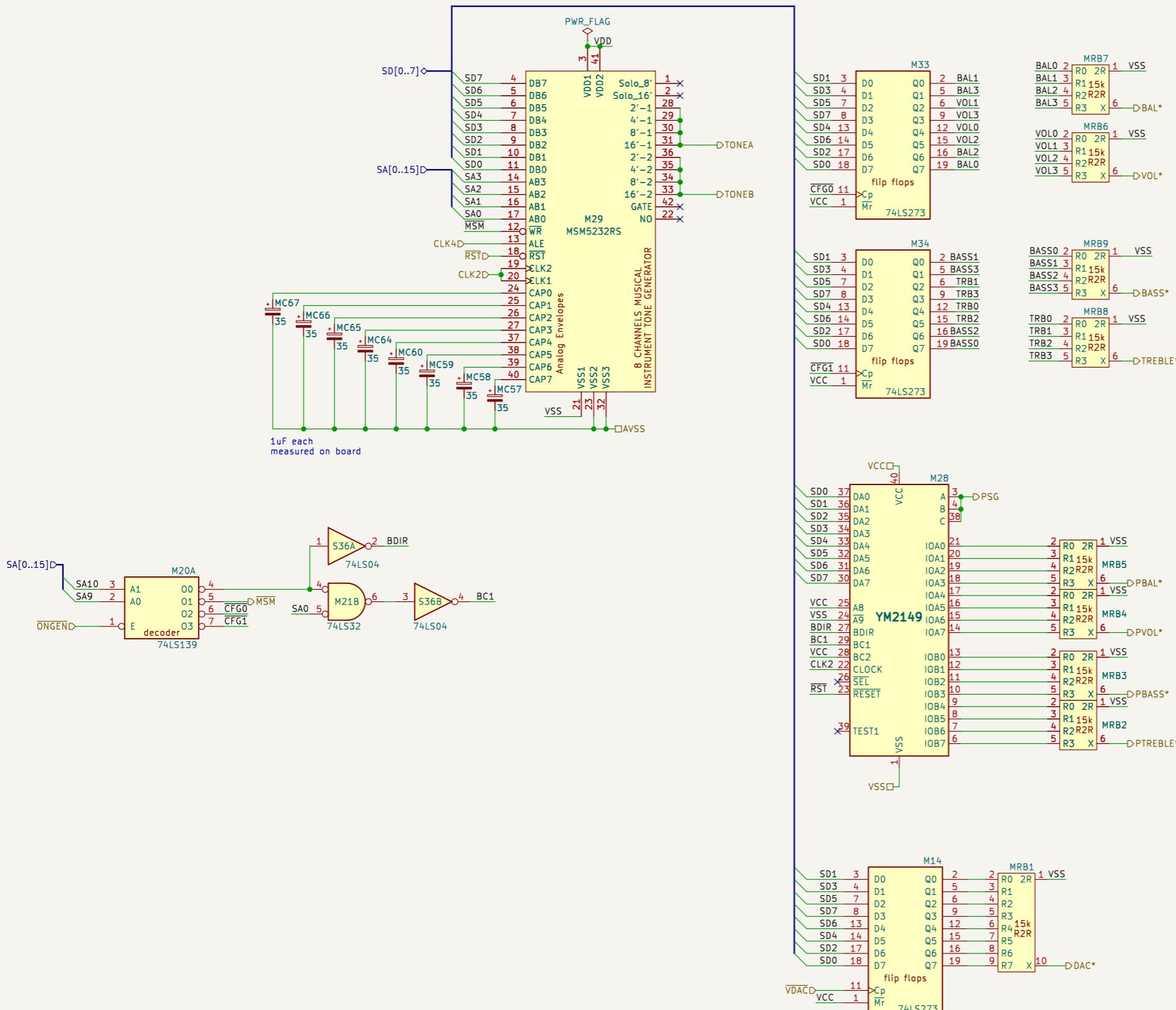
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Sheet: /Sound/Latches/
File: latches.kicad_sch

Title: Communication Latches

Size: A3 Date: 2024-11-16
KiCad E.D.A. 8.0.9

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JOTEGO
Sheet: /Sound/Sound Generators/
File: ongen.kicad_sch

Title: Sound Generators

Size: A3 Date: 2024-11-16
KiCad E.D.A. 8.0.9

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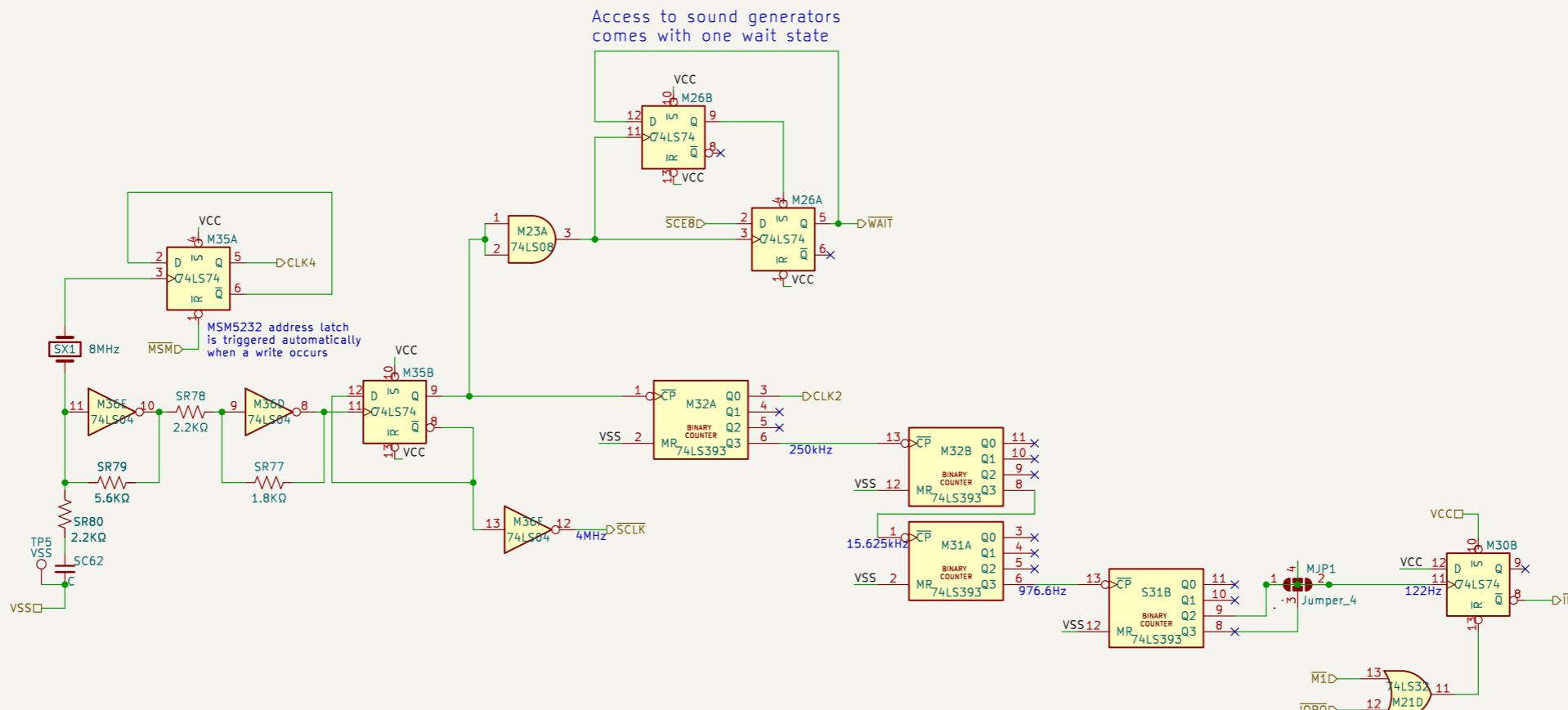
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Sheet: /Sound/Clocks/
File: snd_clocks.kicad_sch

Title: Sound Clock Generation

Size: A3 Date: 2024-11-16
KiCad E.D.A. 8.0.9

Rev:
Id: 20/20