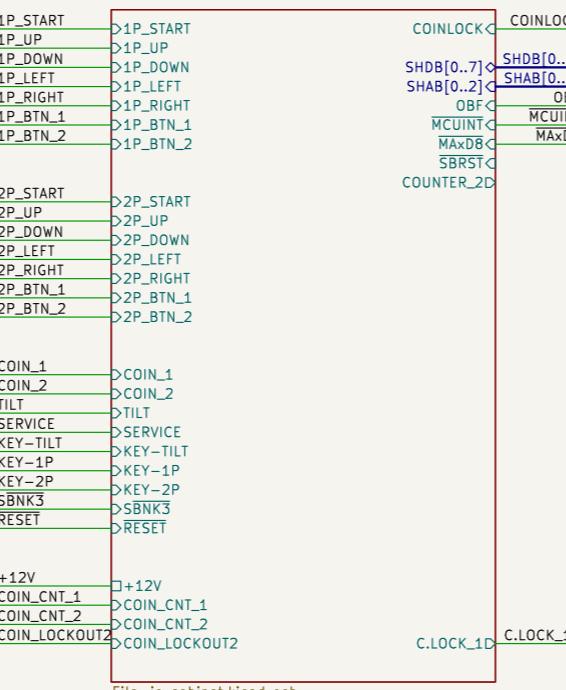
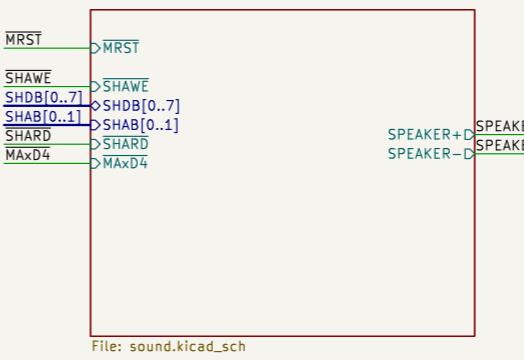


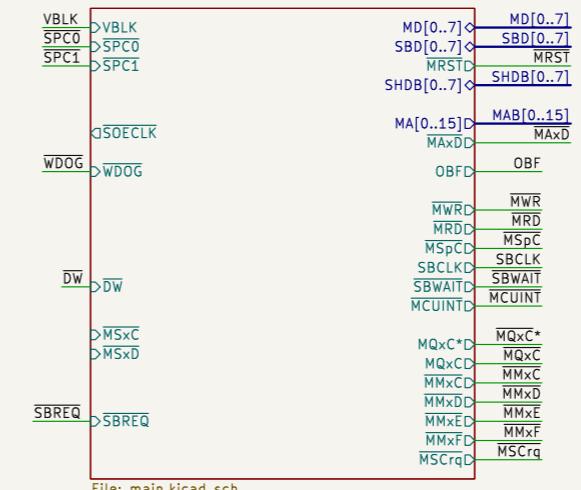
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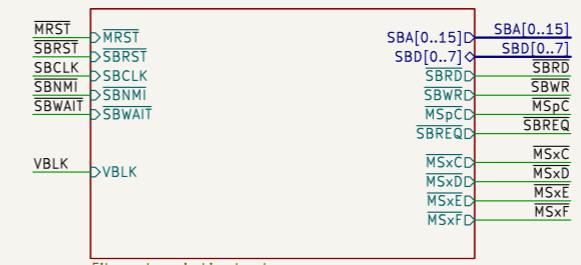
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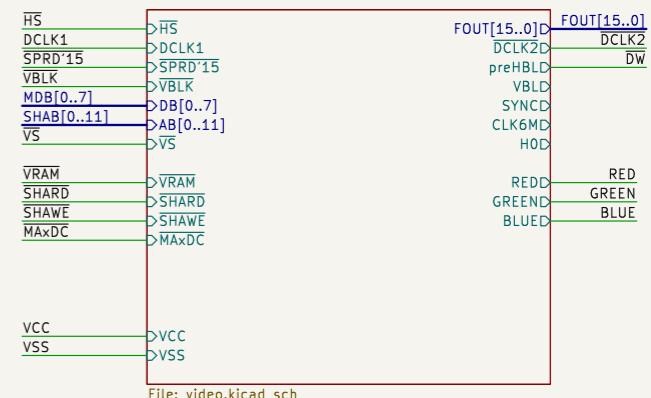
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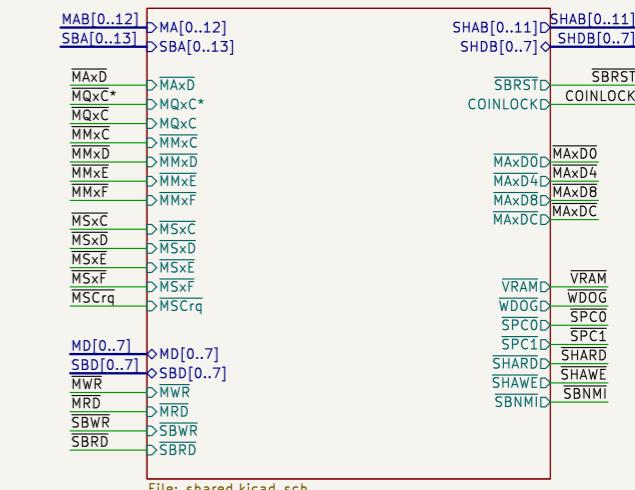
Sub



Video



Shared



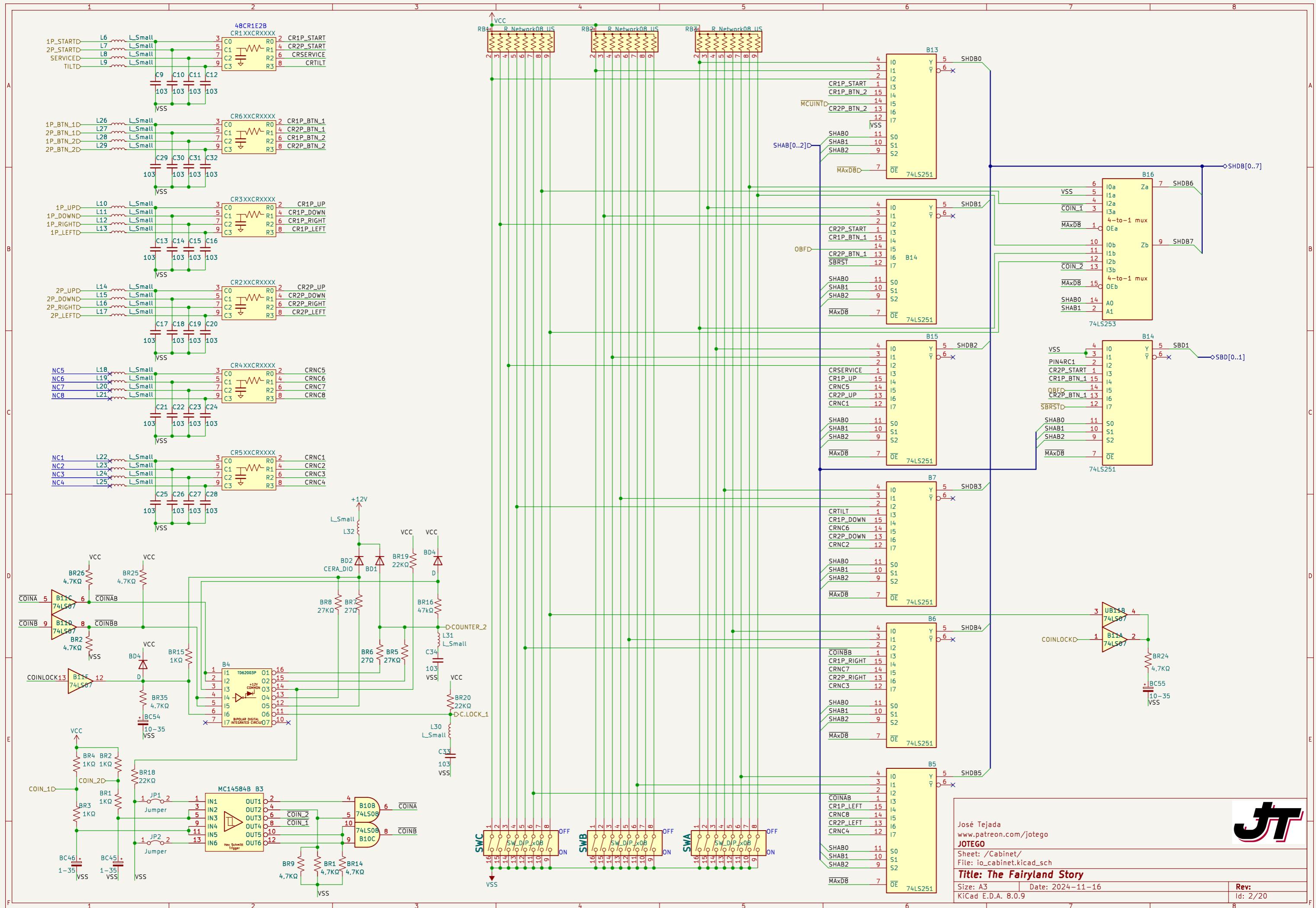
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Sheet: /
File: fairyland.kicad_sch

Title: The Fairyland Story

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

Rev:
Id: 1/20



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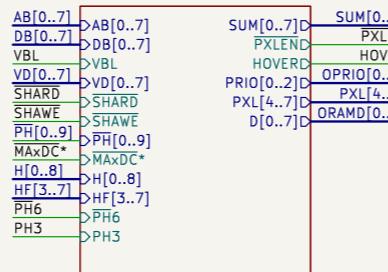
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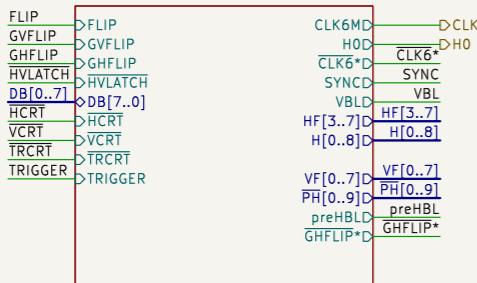
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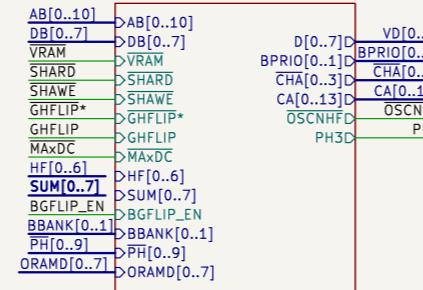
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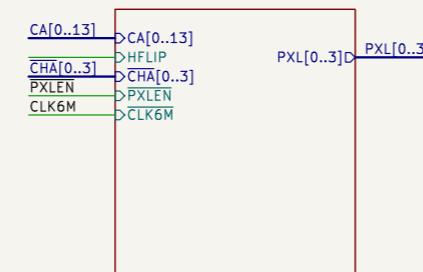
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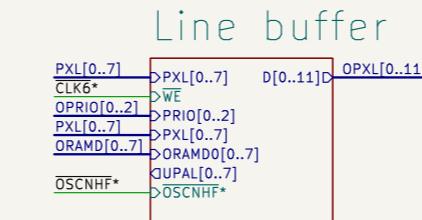
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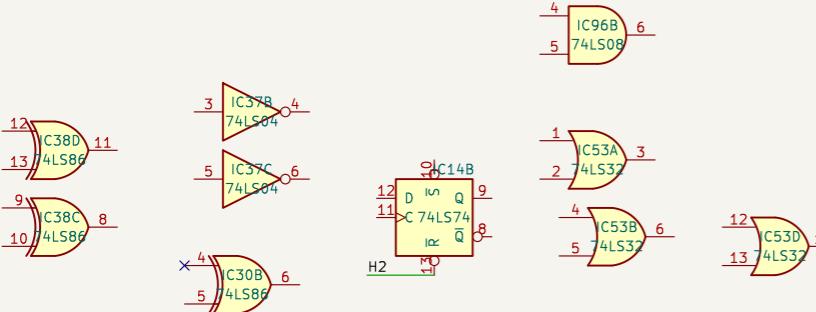
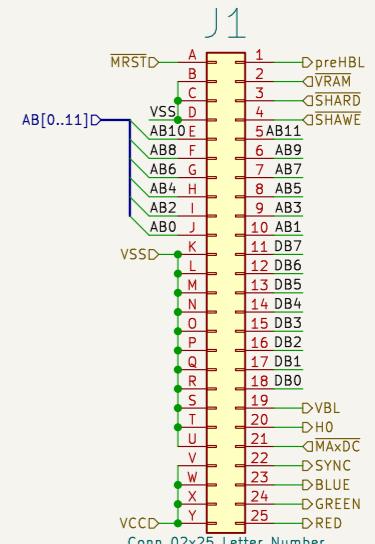
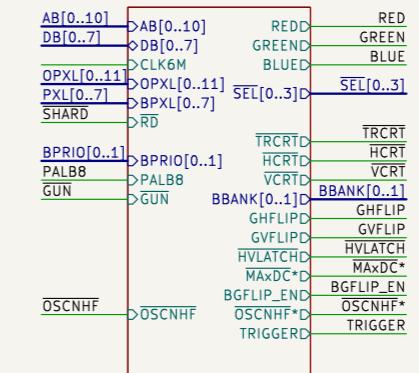
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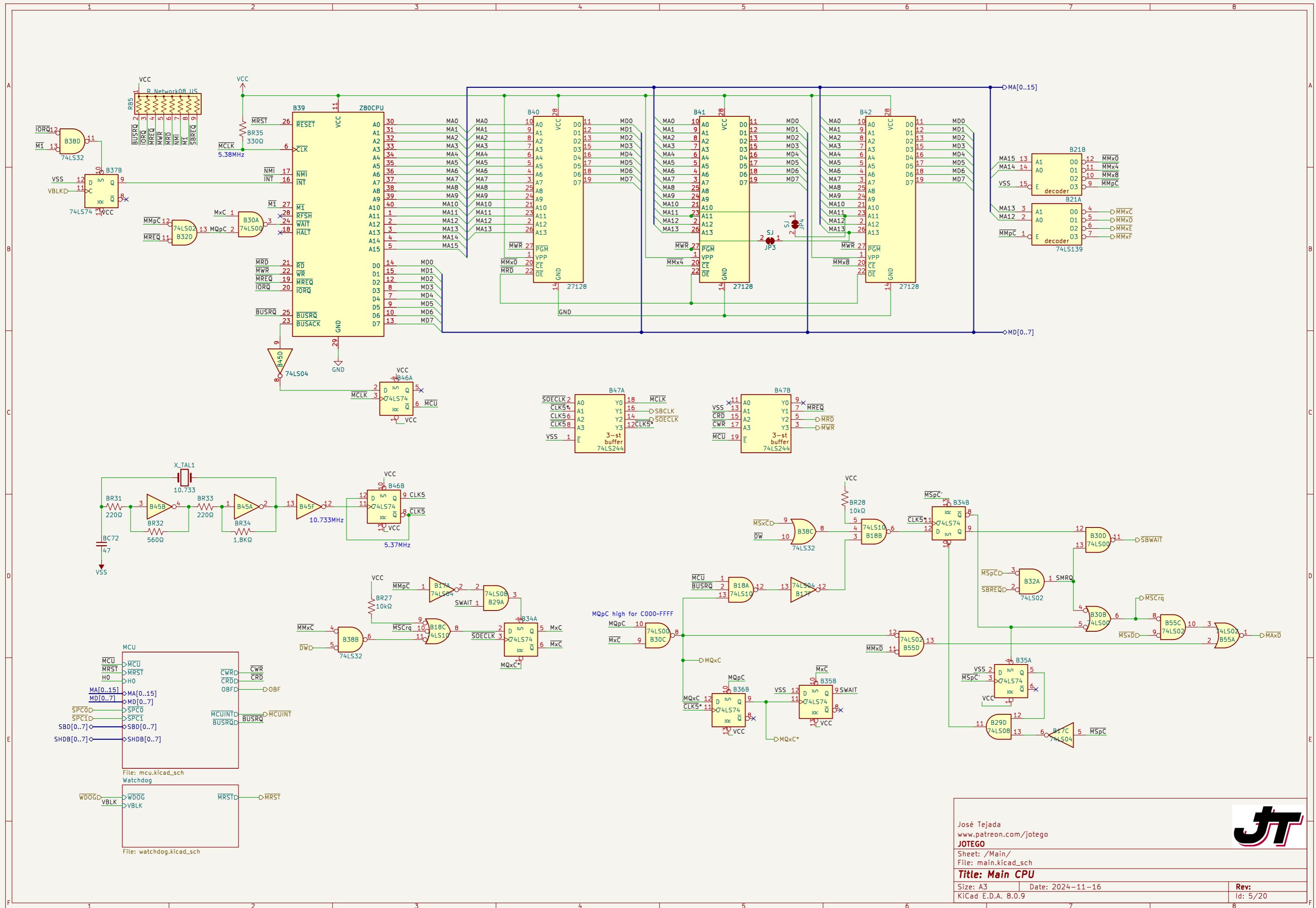


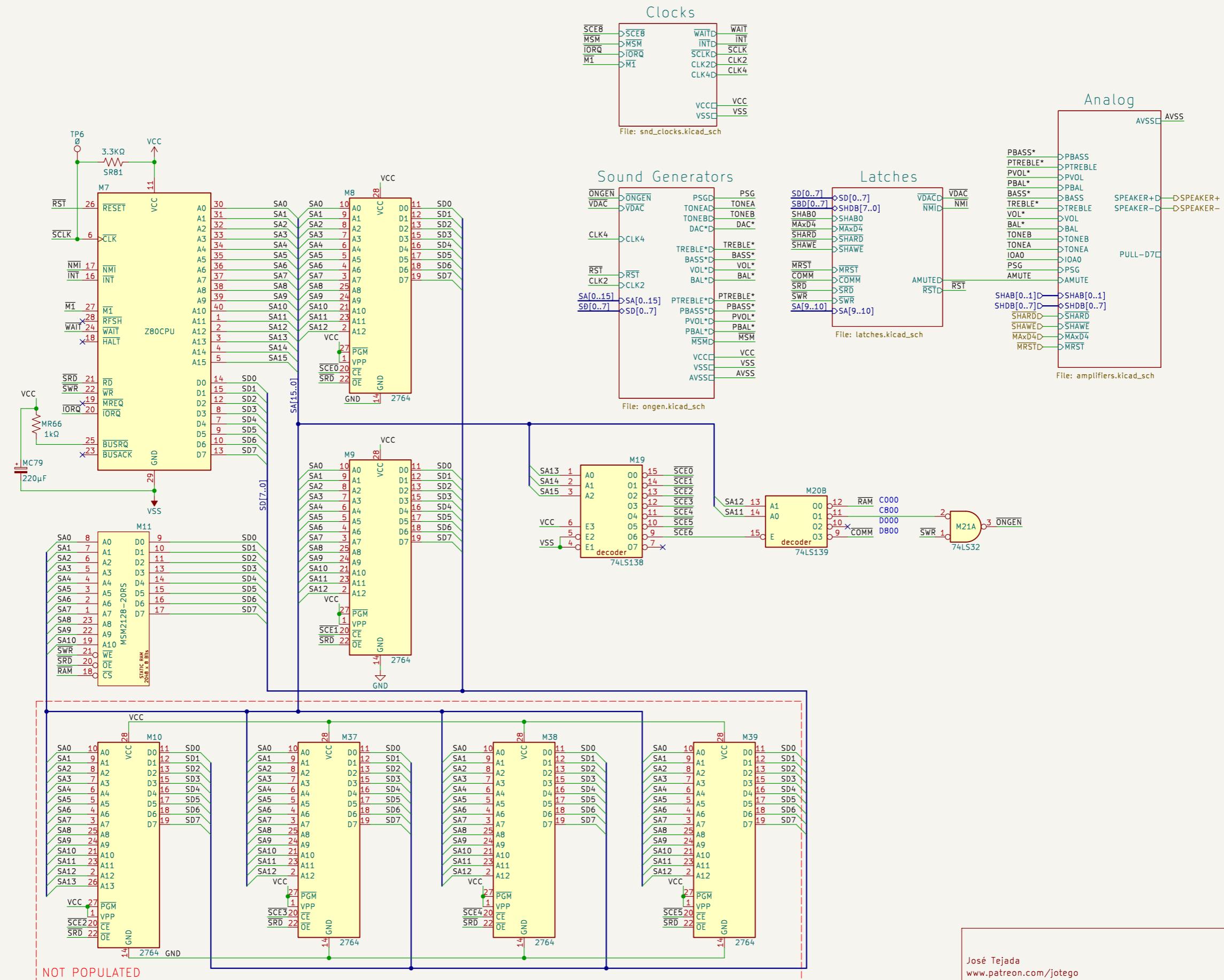
Line buffer



Palette







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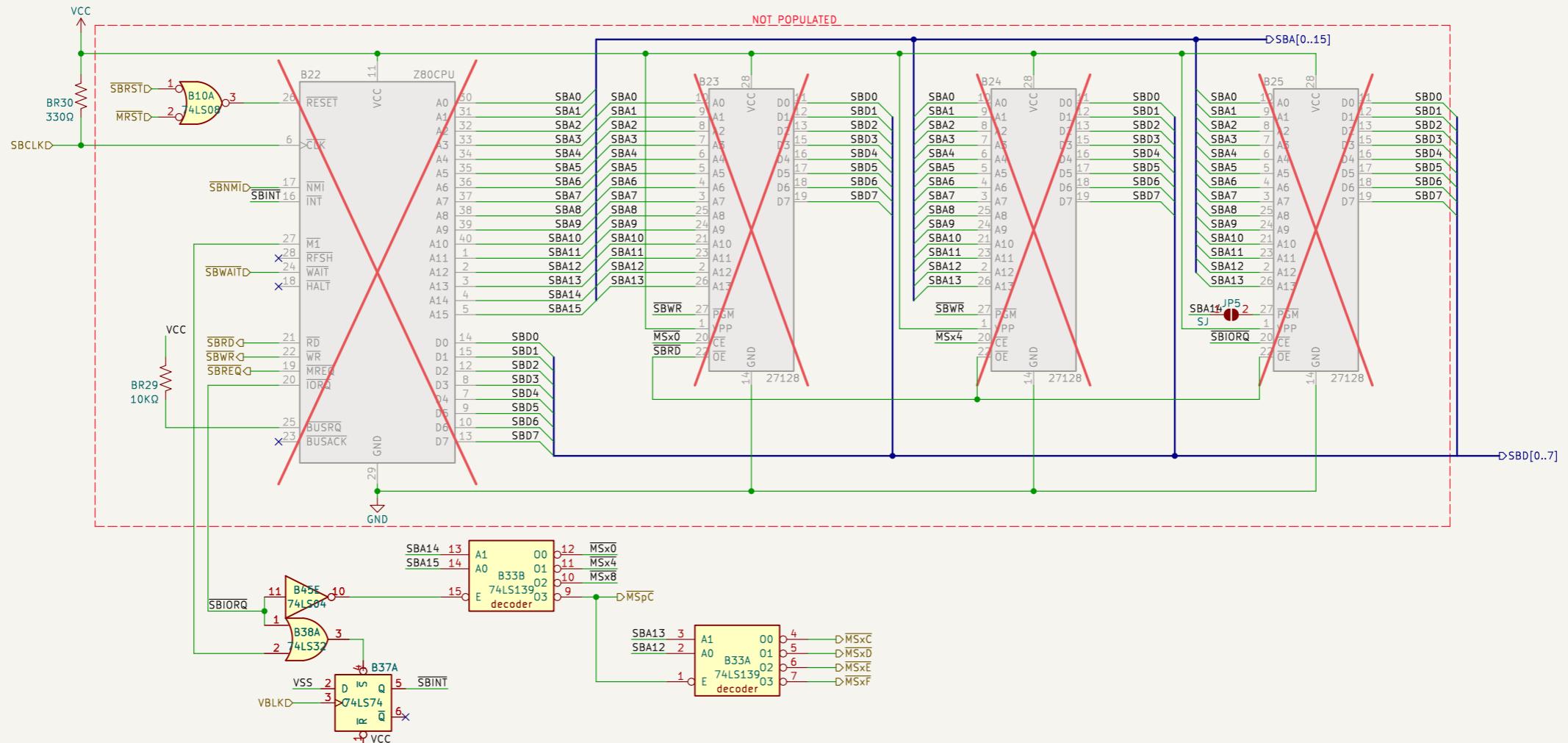
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Title: Sound Board

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

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 Id: 7/20





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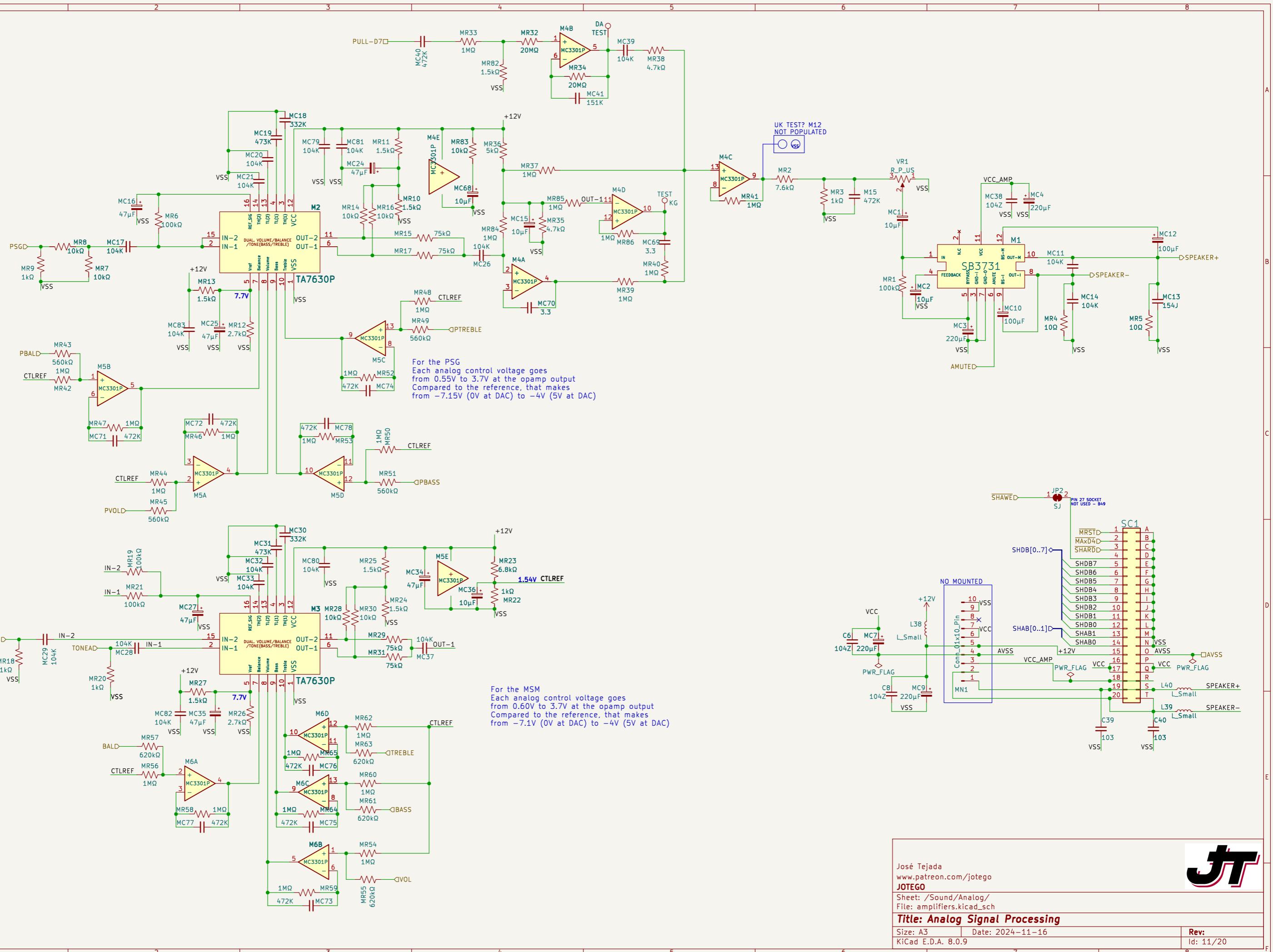
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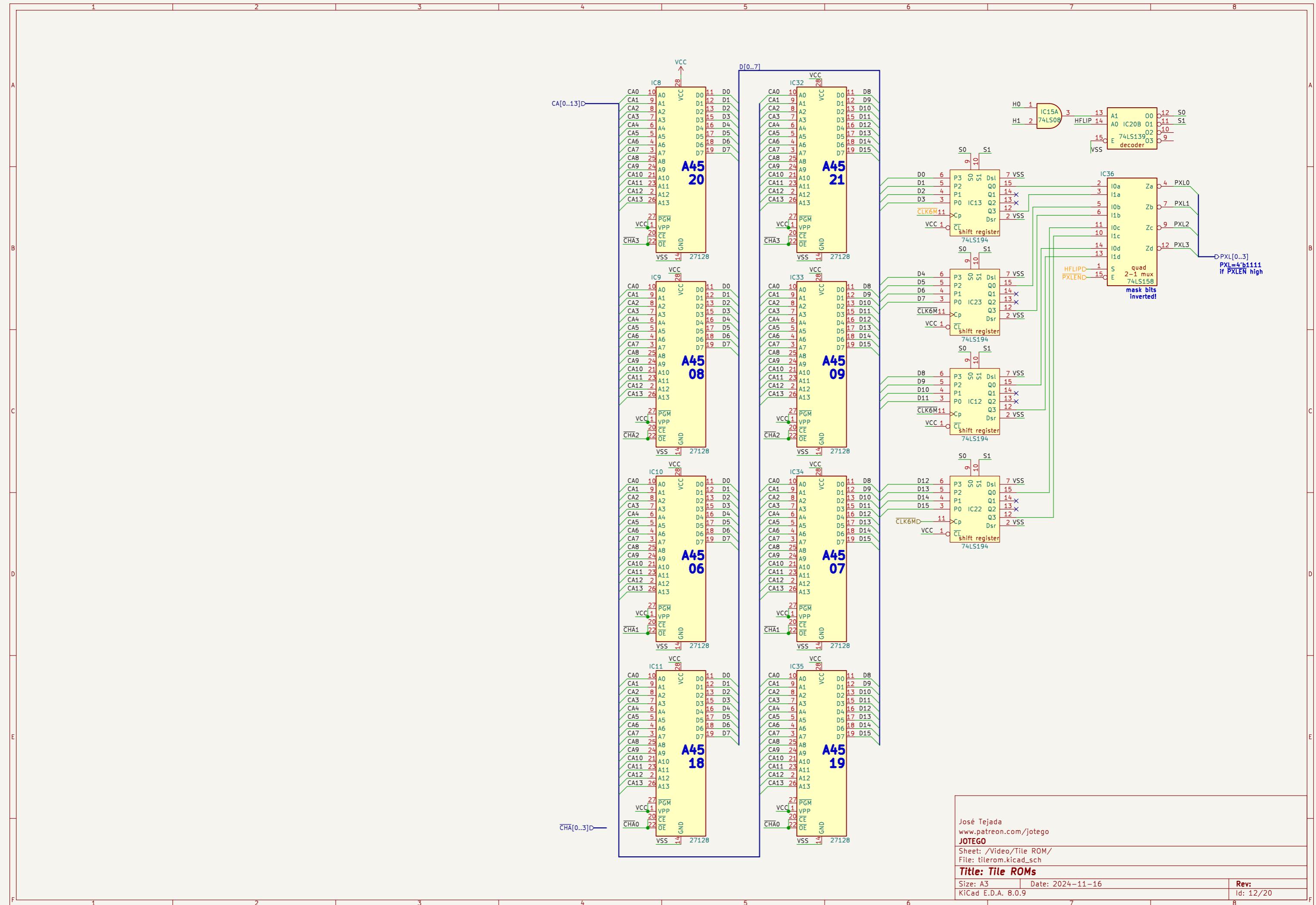
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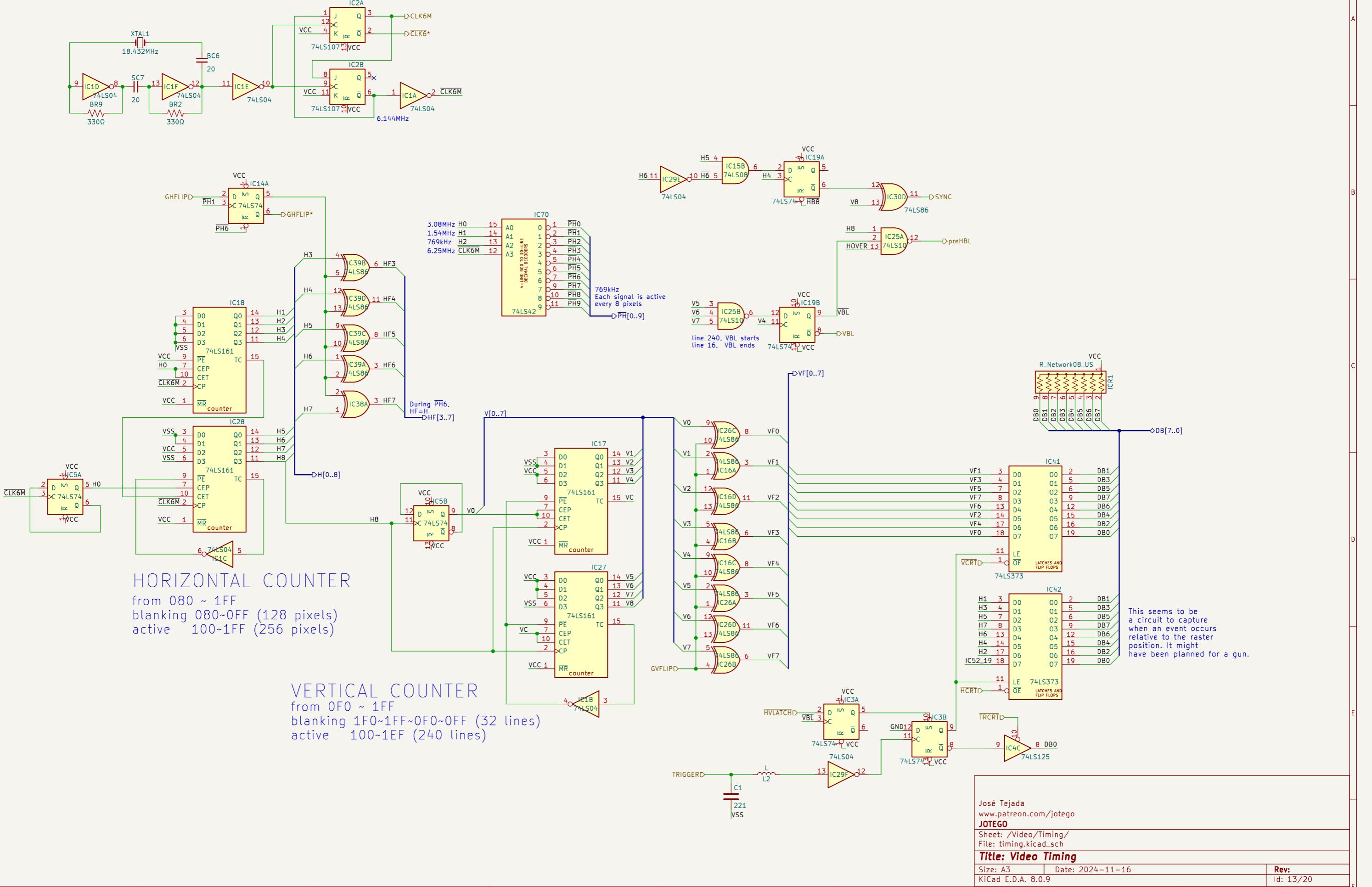
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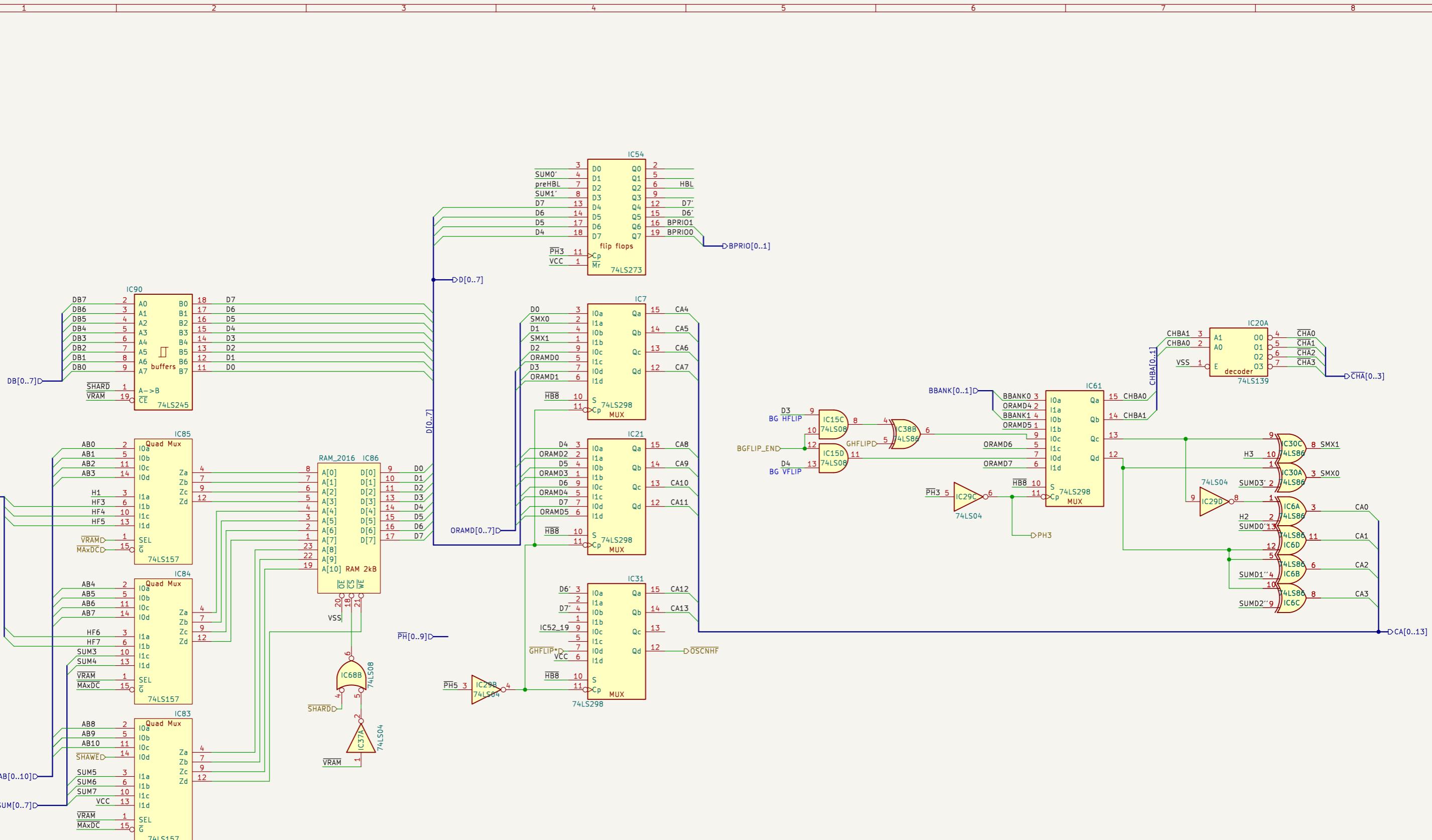
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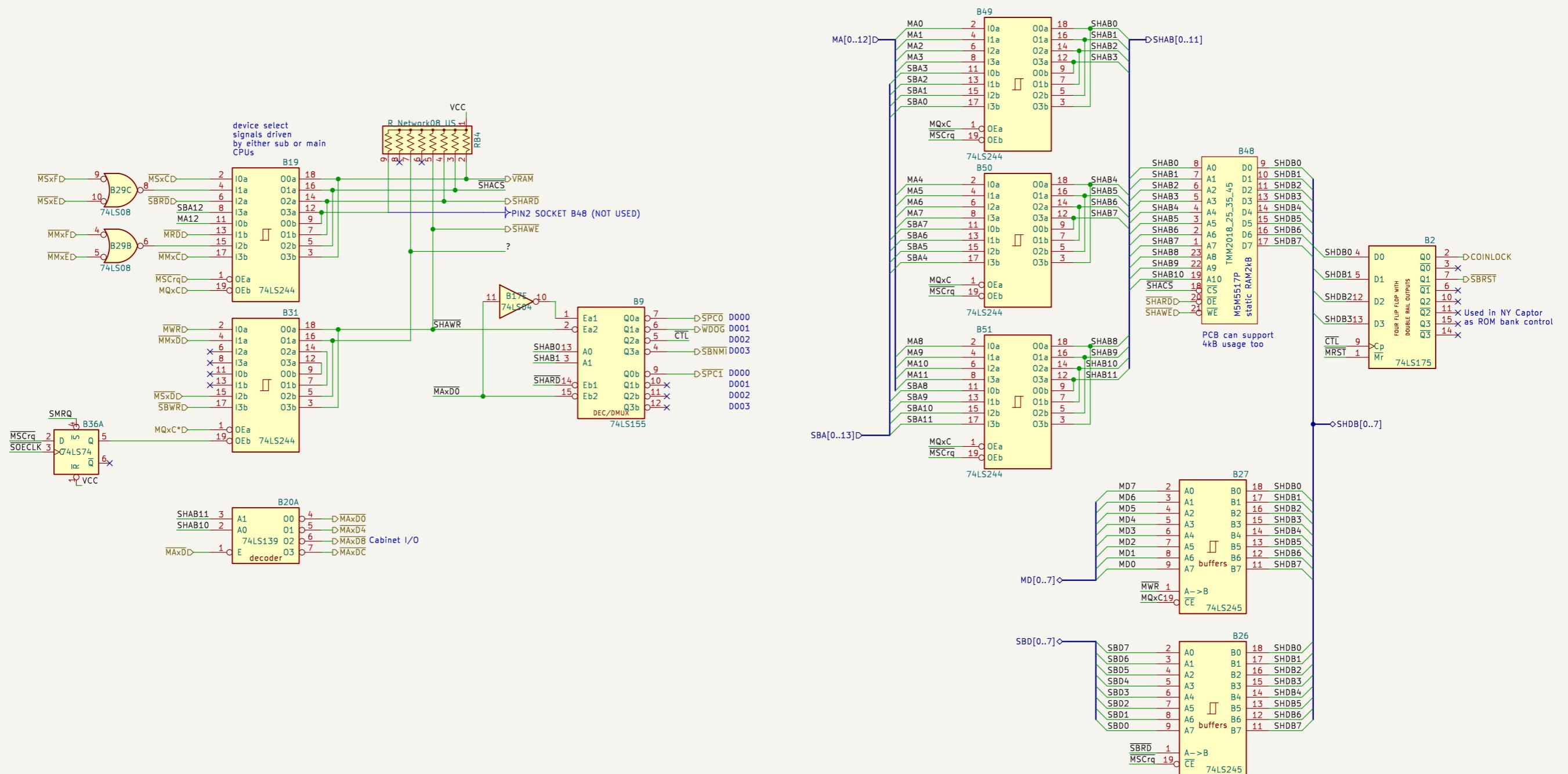
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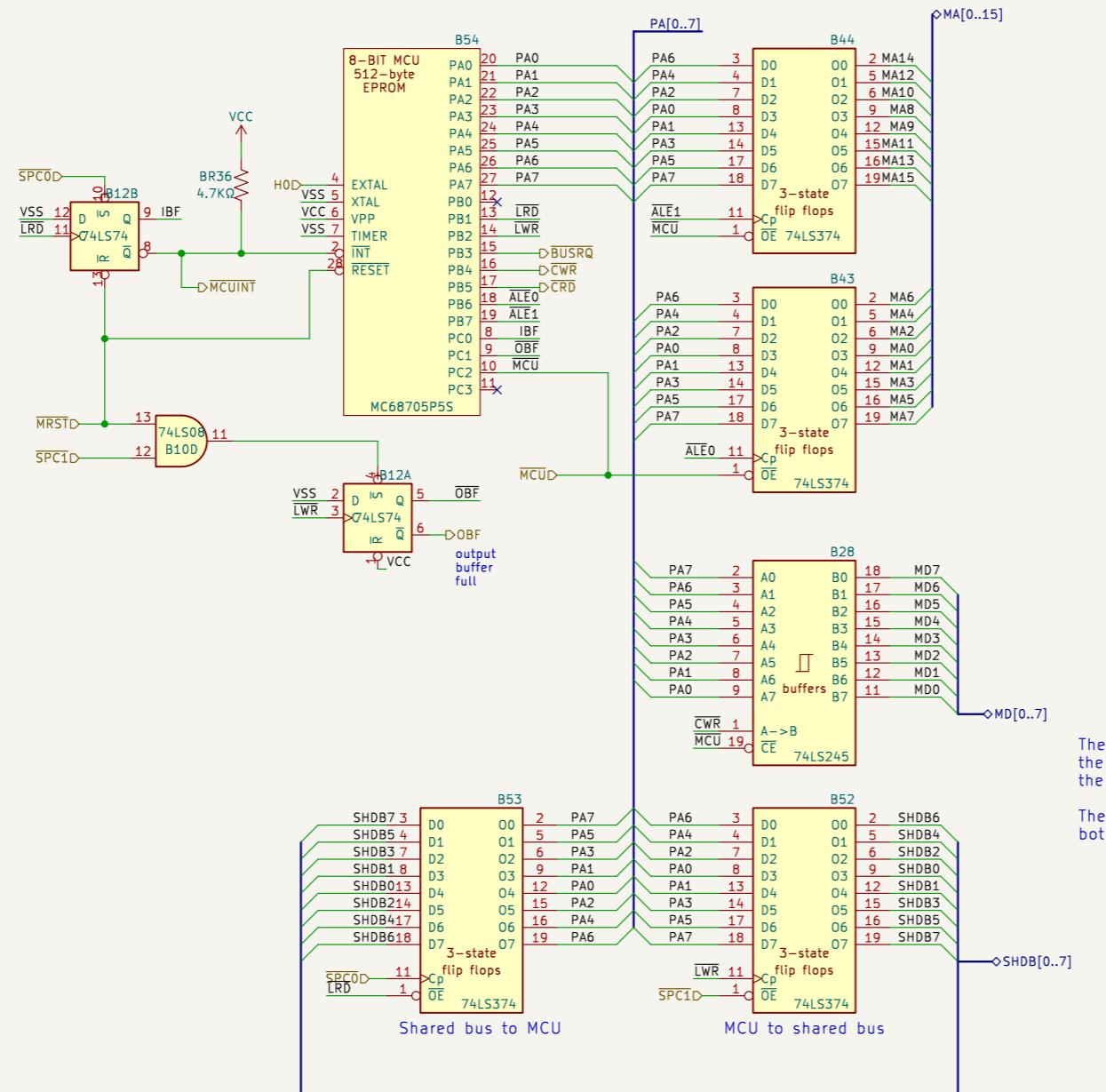












The MCU can take control of the share bus by requesting the main CPU bus

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

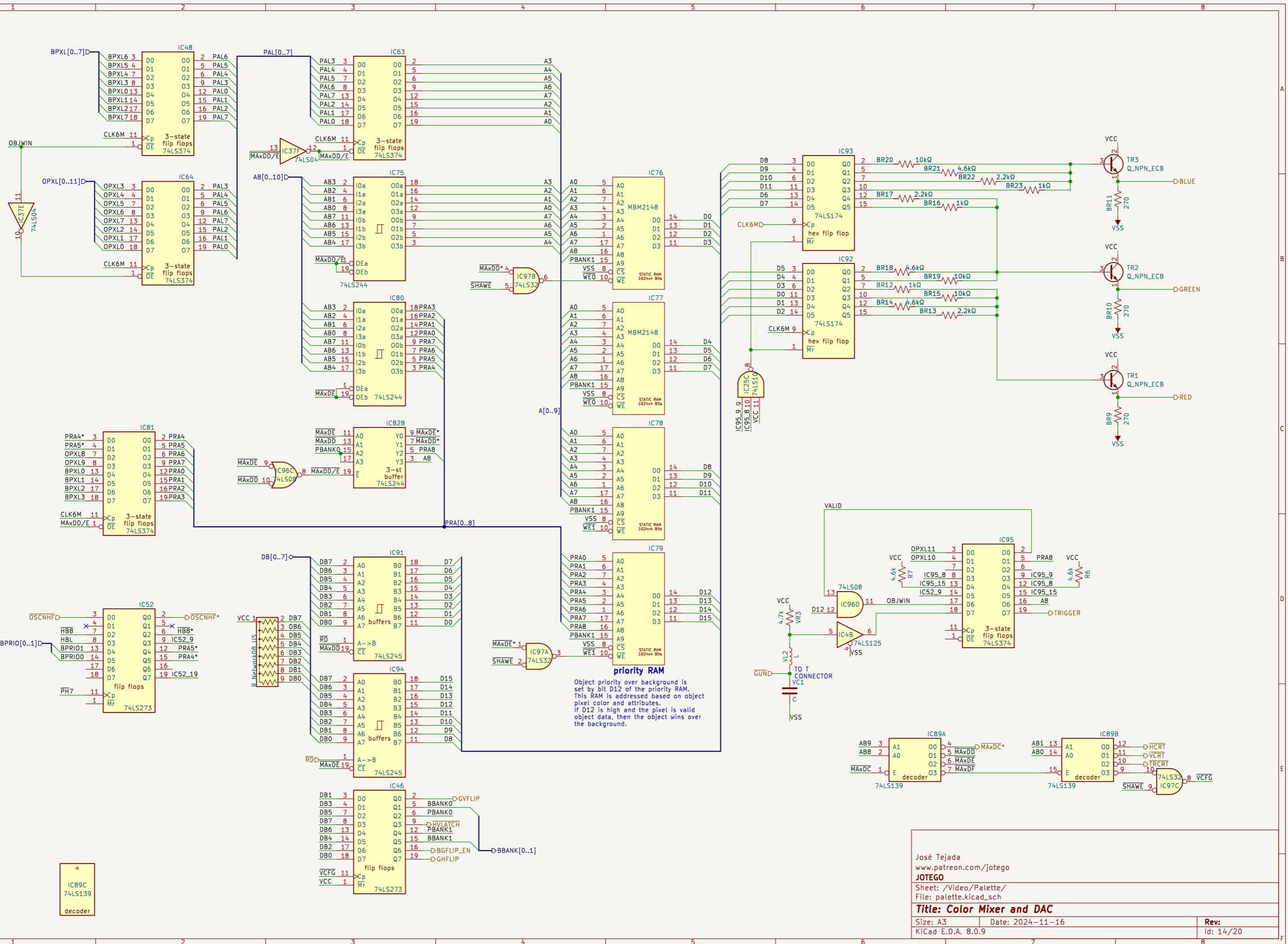
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Title: MCU

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

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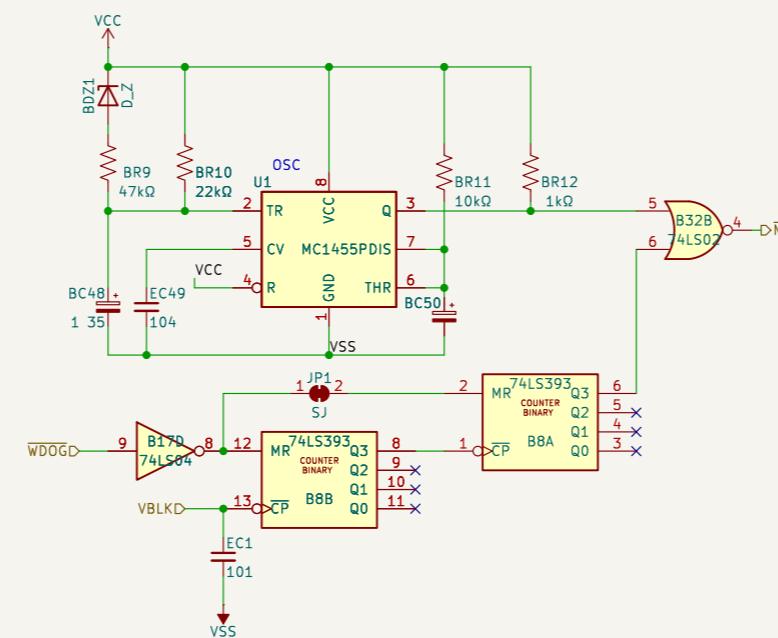
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Sheet: /Video/Palette/
File: palette.kicad_sch

Title: Color Mixer and DAC

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

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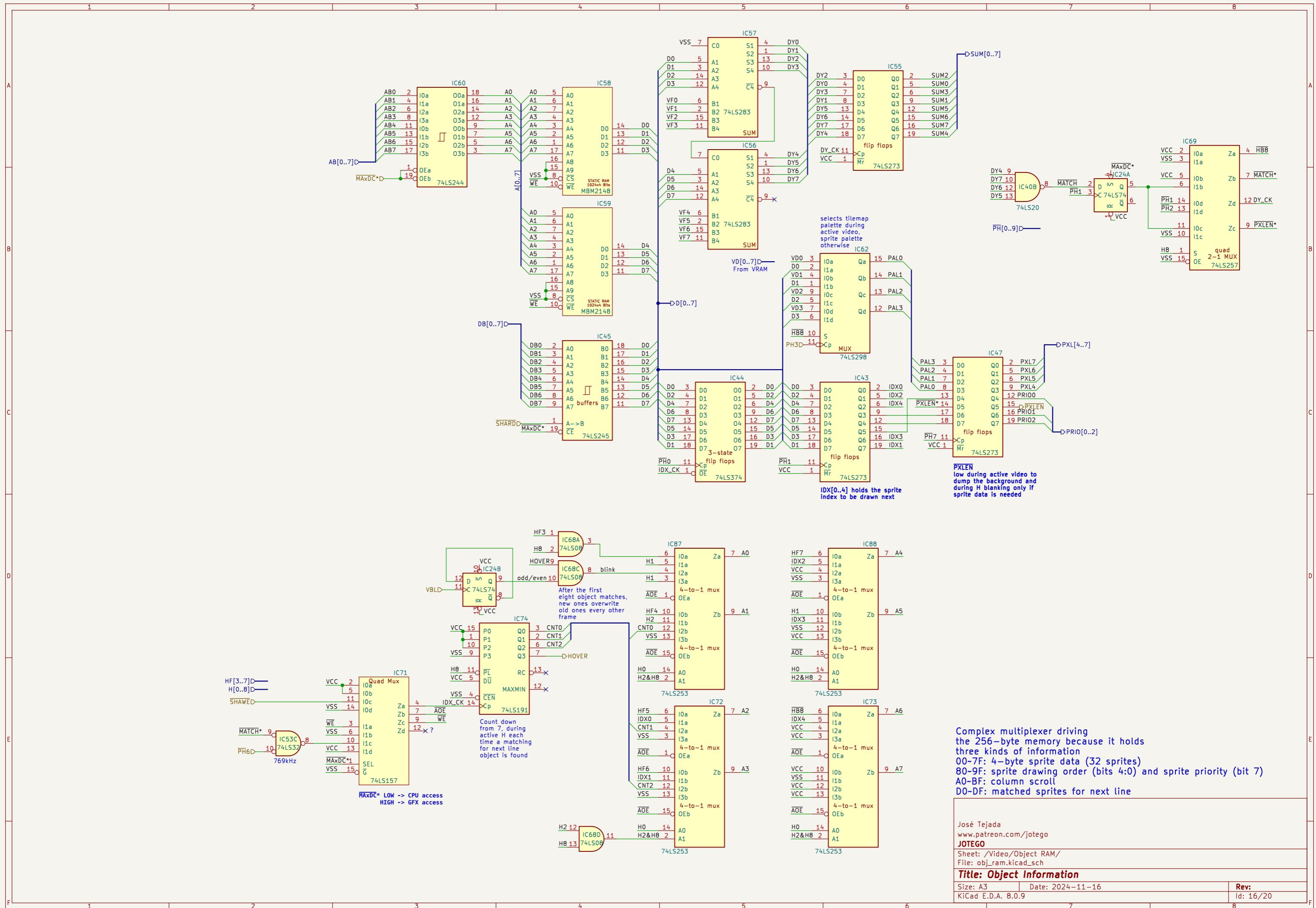
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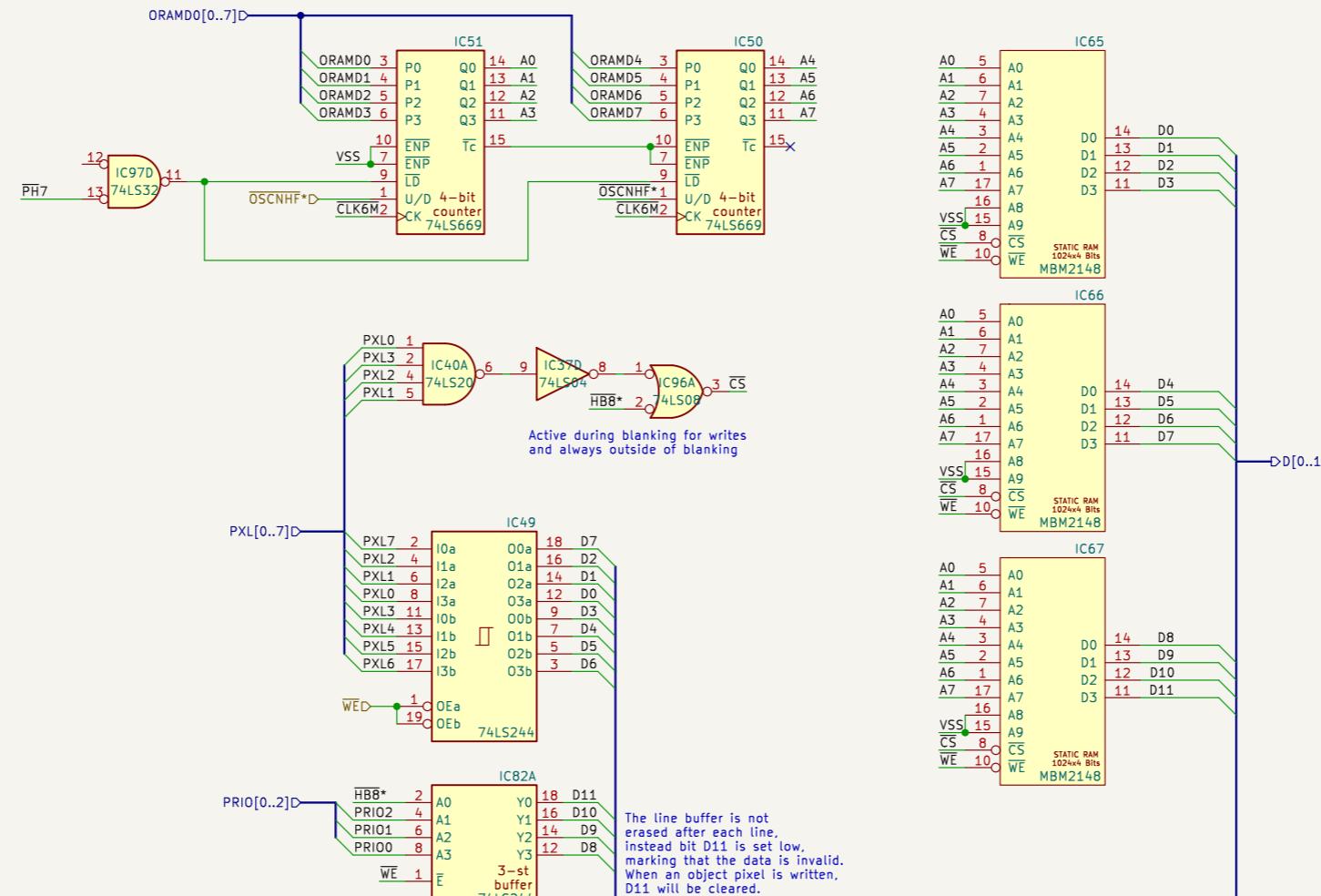
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Rev:
Id: 15/20



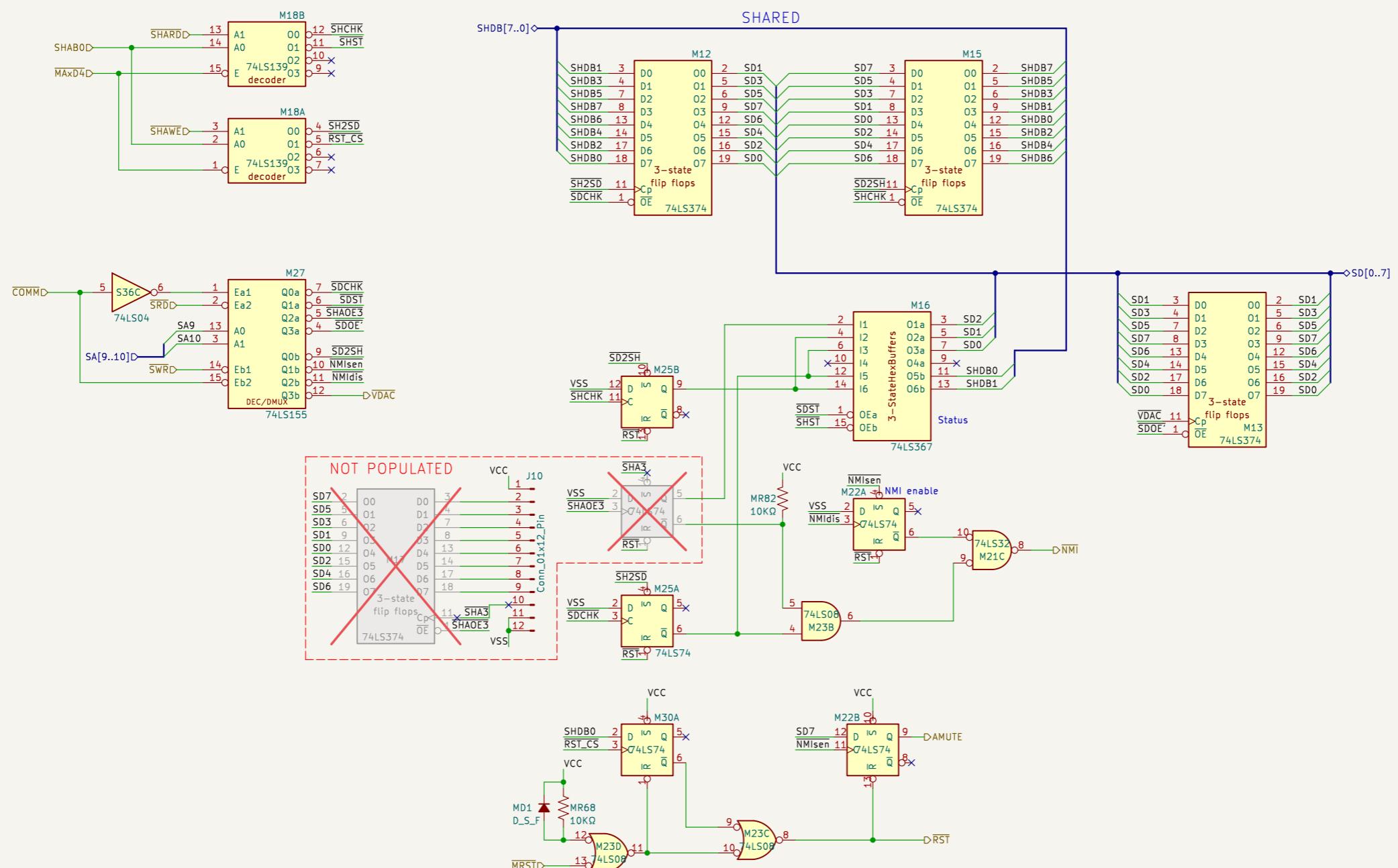


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Sheet: /Video/Line buffer/
File: linebuf.kicad_sch

Title: Single Line Video Buffer

Size: A3	Date: 2024-11-16
KiCad E.D.A. 8.0.9	Rev: 17/20



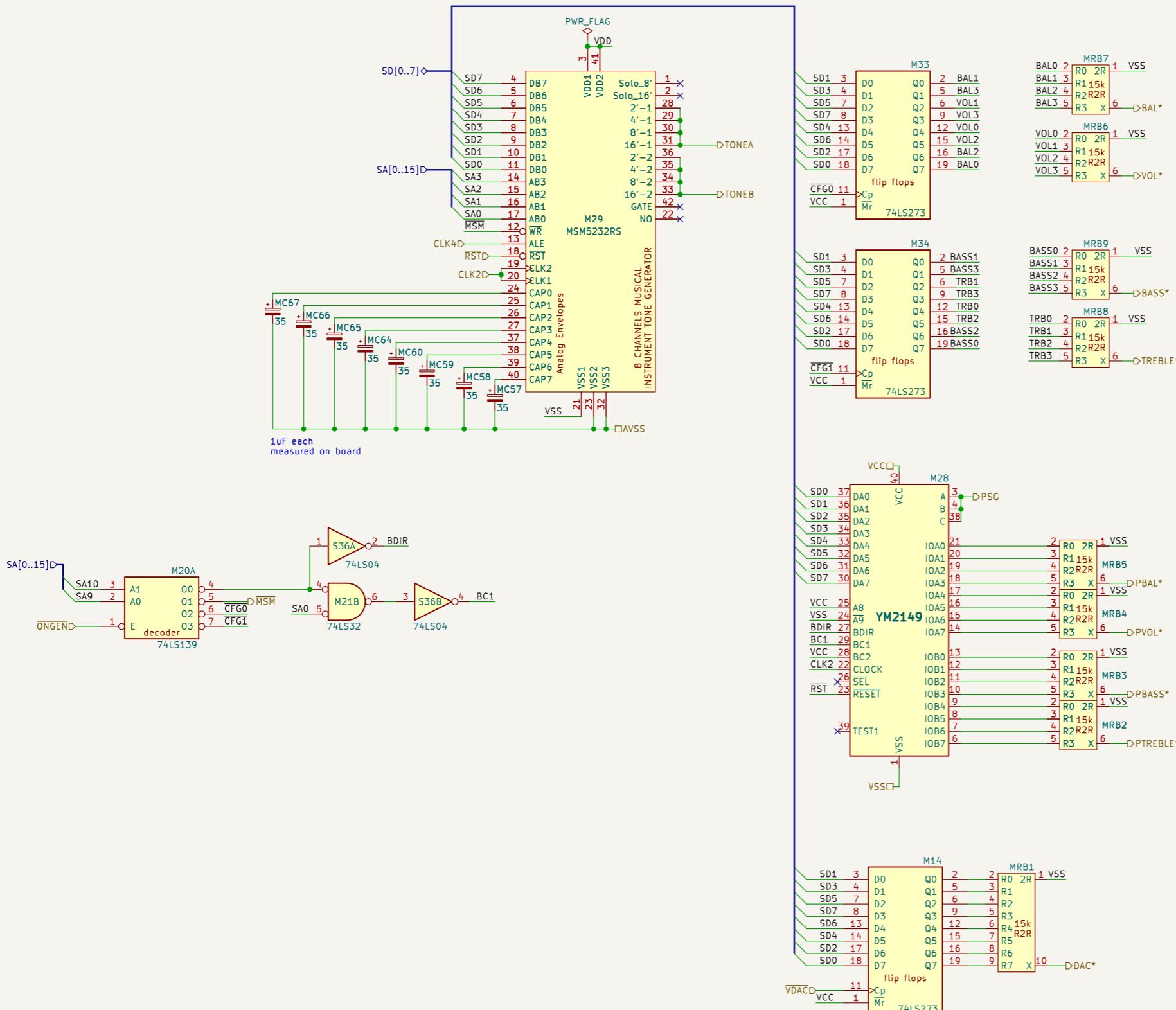
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Sheet: /Sound/Latches/
File: latches.kicad_sch

Title: Communication Latches

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

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

Title: Sound Generators

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

Rev: Id: 19/20

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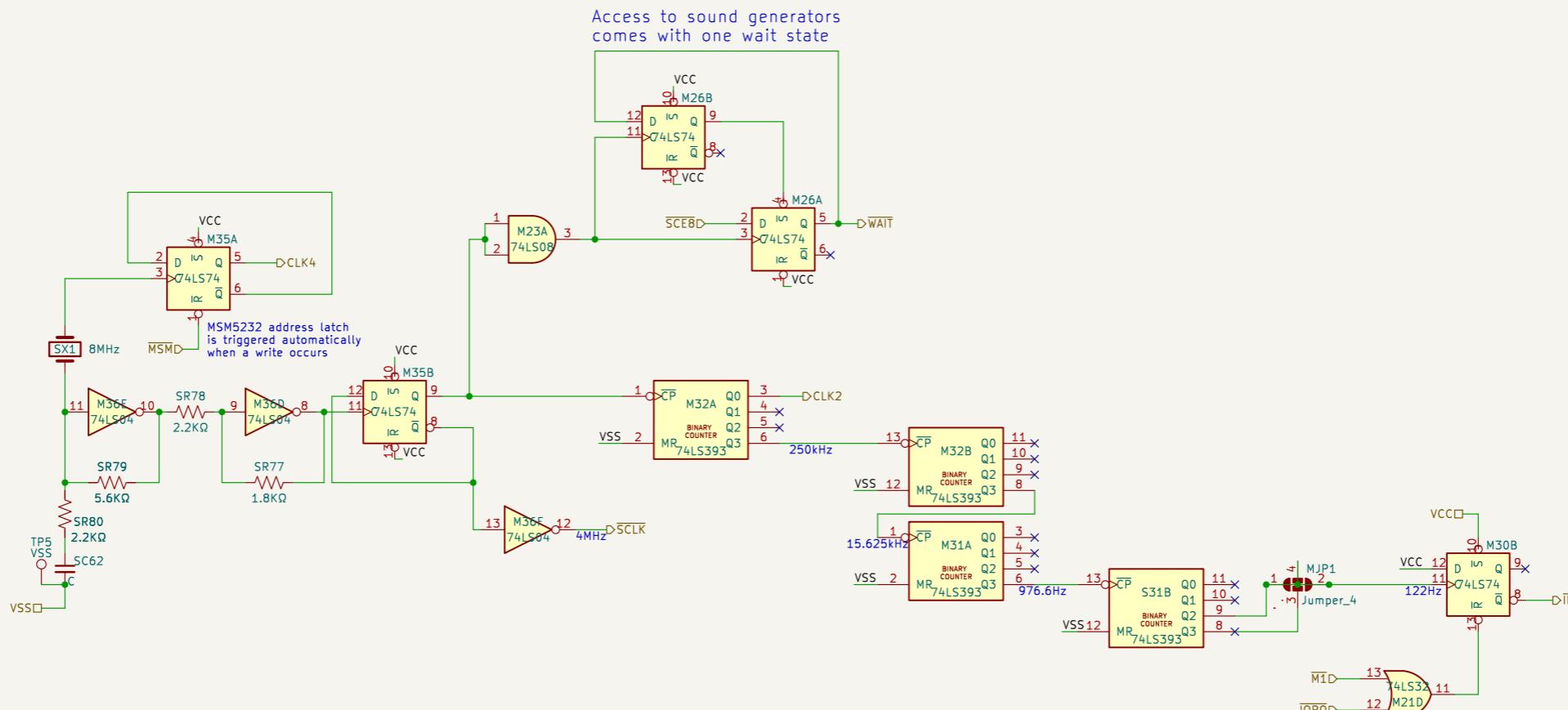
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Sheet: /Sound/Clocks/
File: snd_clocks.kicad_sch

Title: Sound Clock Generation

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

Rev:
Id: 20/20