

A

A

B

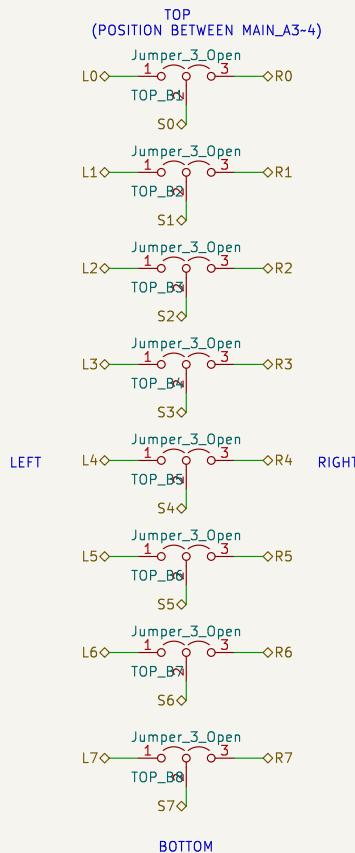
B

C

C

D

D



patreon.com/jotego

JOTEGO

Sheet: /ROM board/scrjumpers/
File: romjp.kicad_sch

Title: SEGA System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18
KiCad E.D.A. 8.0.5



A

A

B

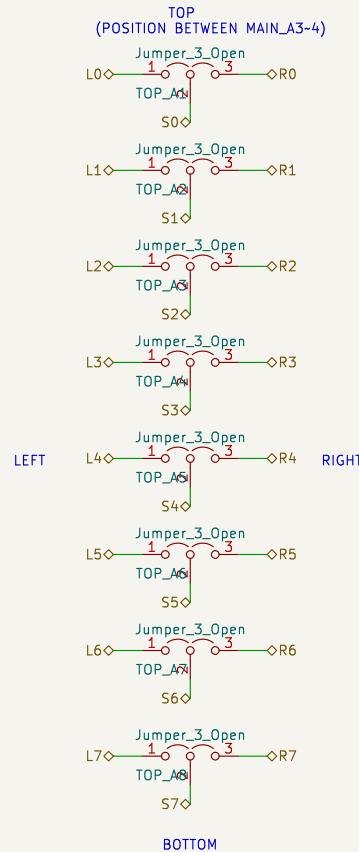
B

C

C

D

D



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Sheet: /ROM board/sndjumpers/
 File: romjp.kicad_sch

Title: SEGA System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18
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A

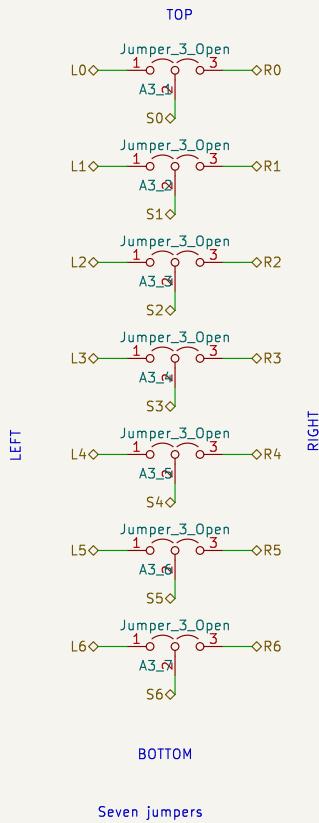
A

B

B

C

C



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JOTEGO

Sheet: /ROM board/objjumpers/
File: romjp7.kicad_sch

Title: SEGA System 18 MODEL 837-7178

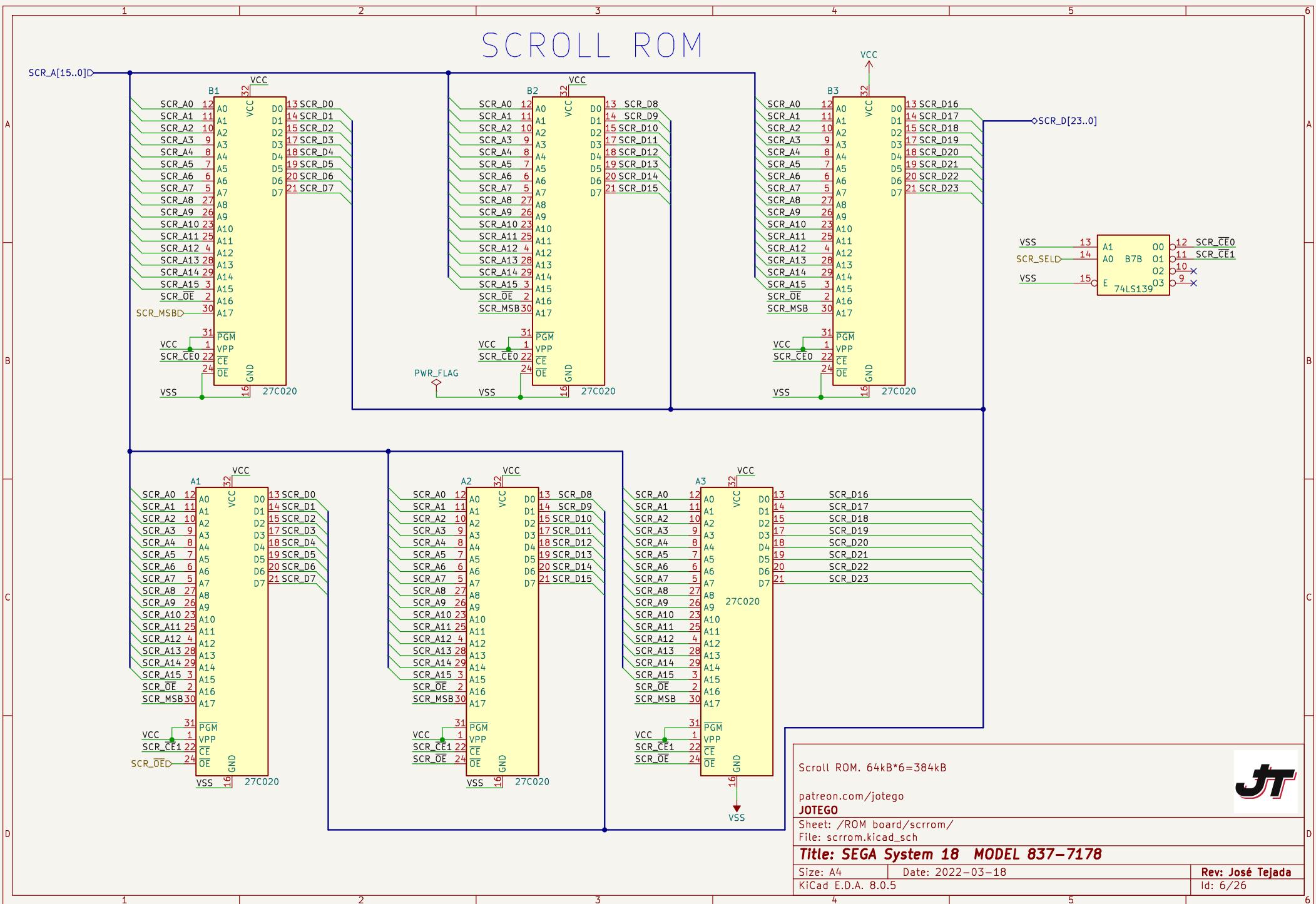
Size: A4 Date: 2022-03-18

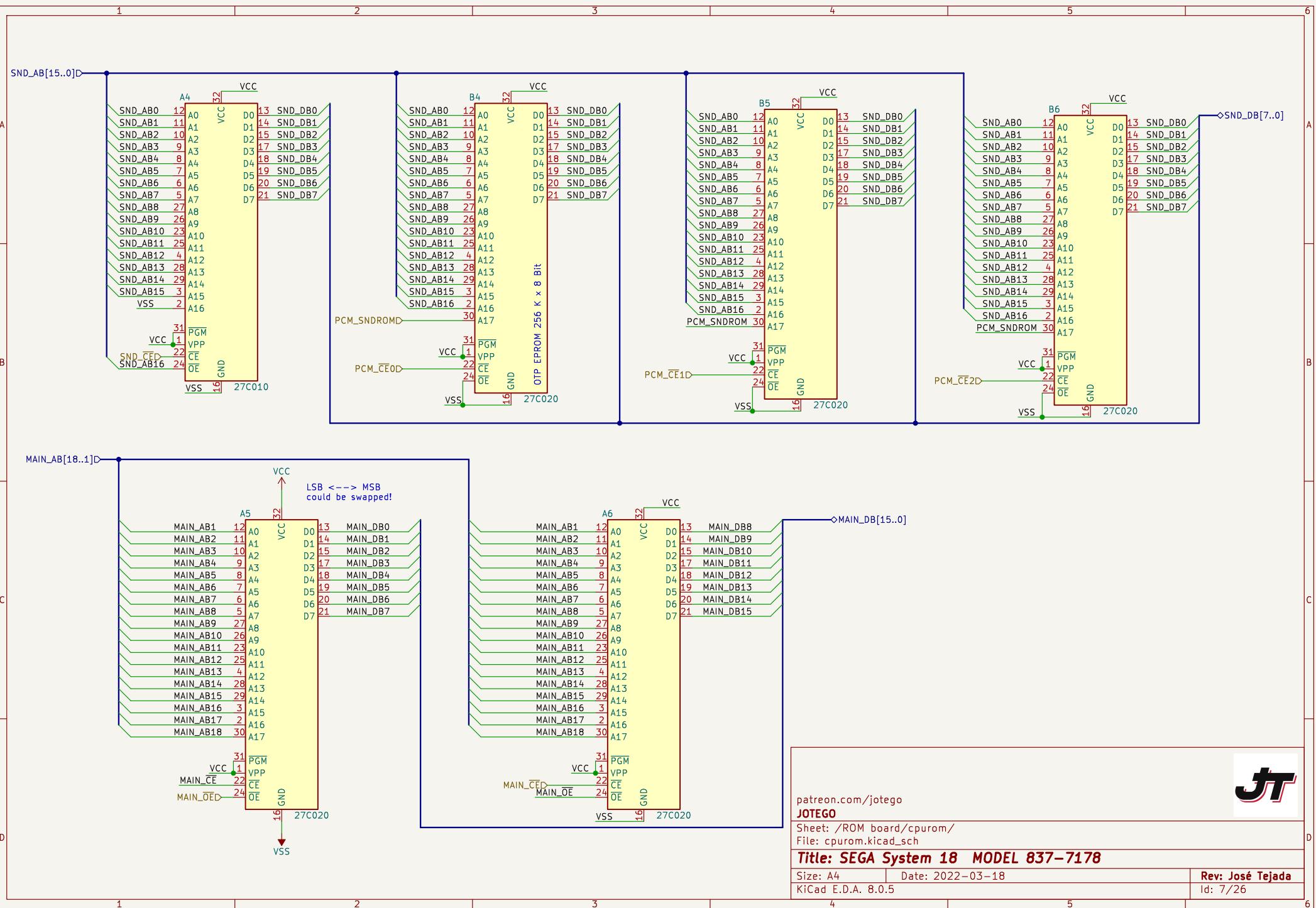
KiCad E.D.A. 8.0.5

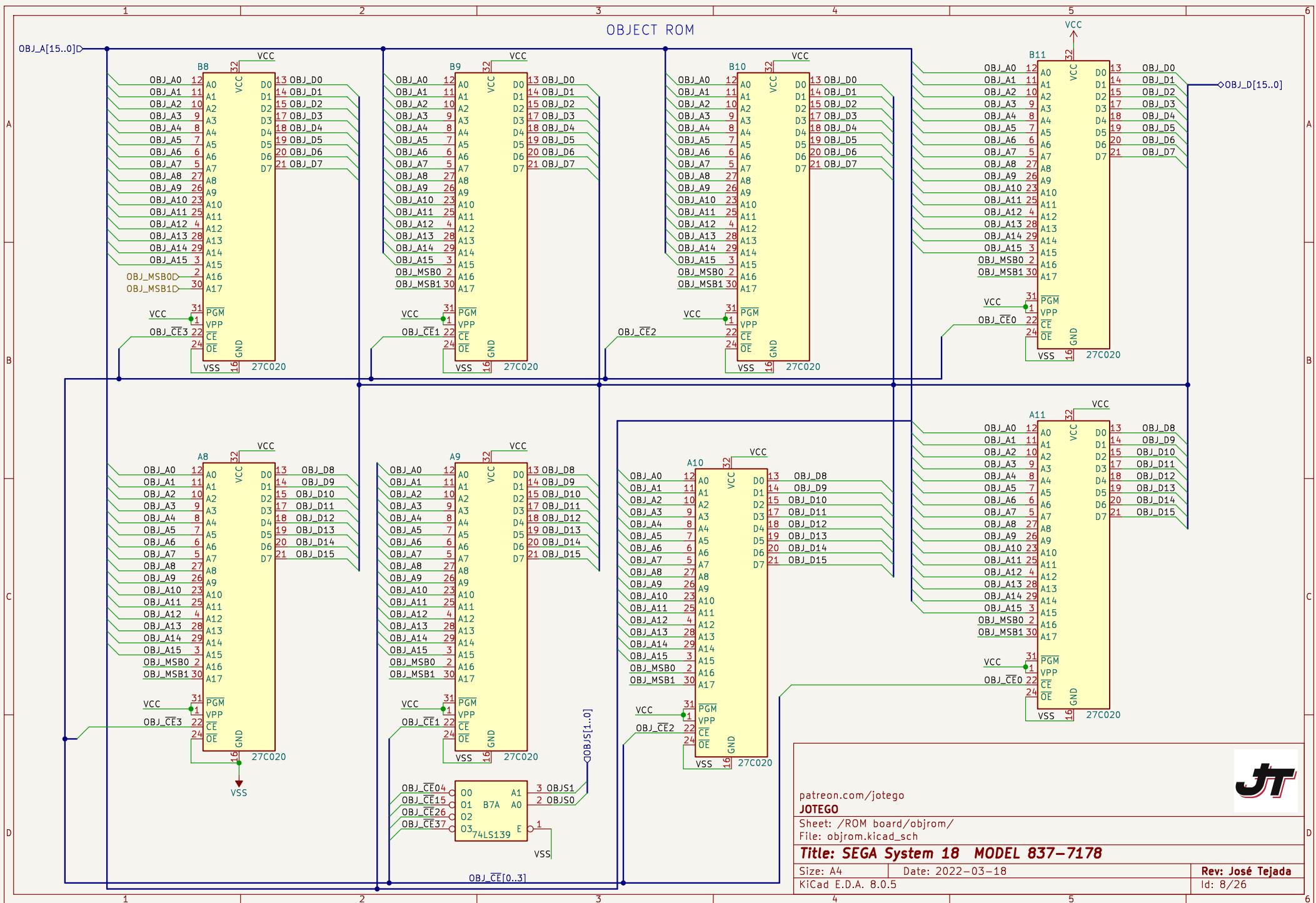
Rev: José Tejada

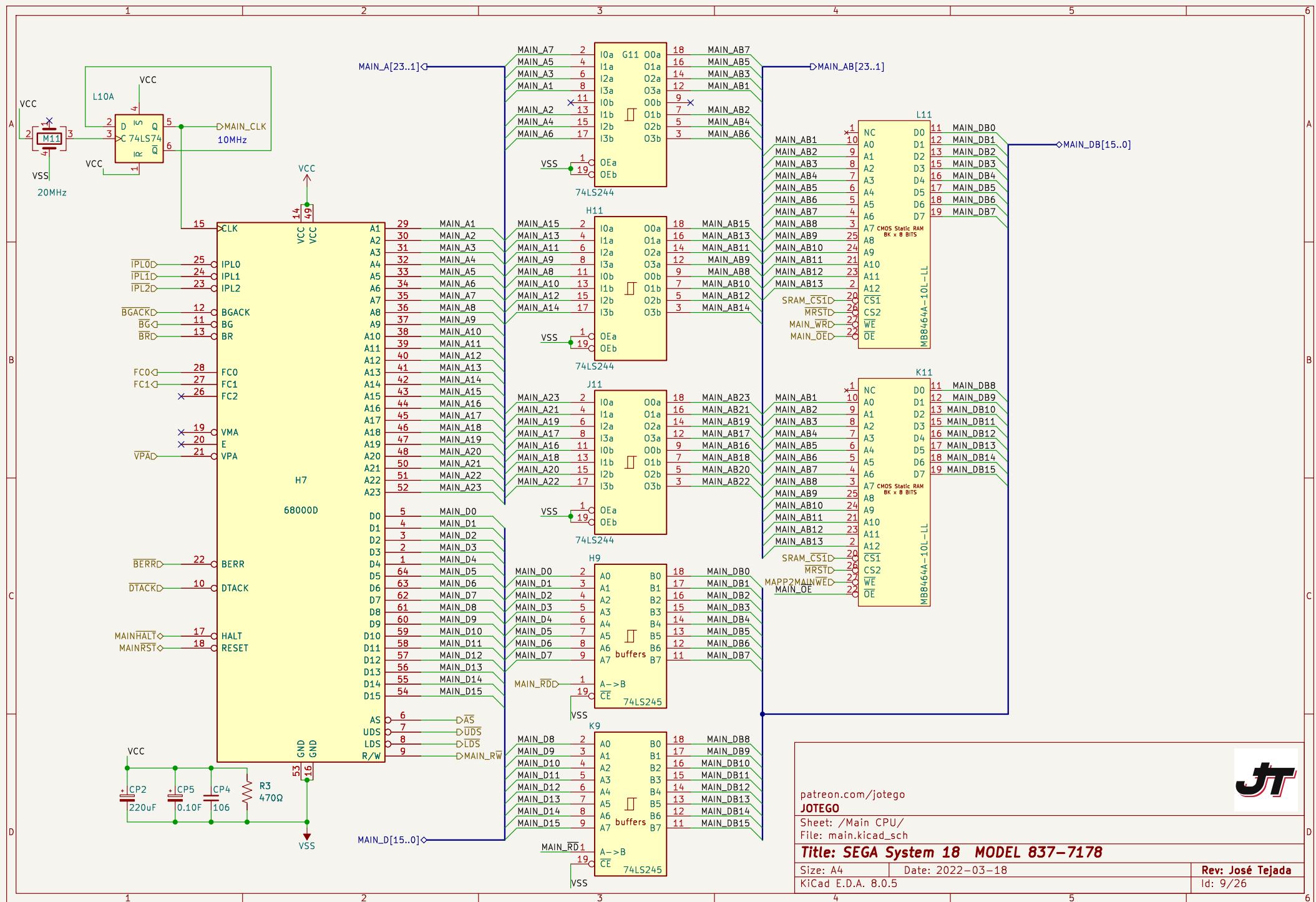
Id: 5/26

SCROLL ROM









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Sheet: /Main CPU/
File: main.kicad_sch

Title: SEGA System 18 MODEL 837-7178

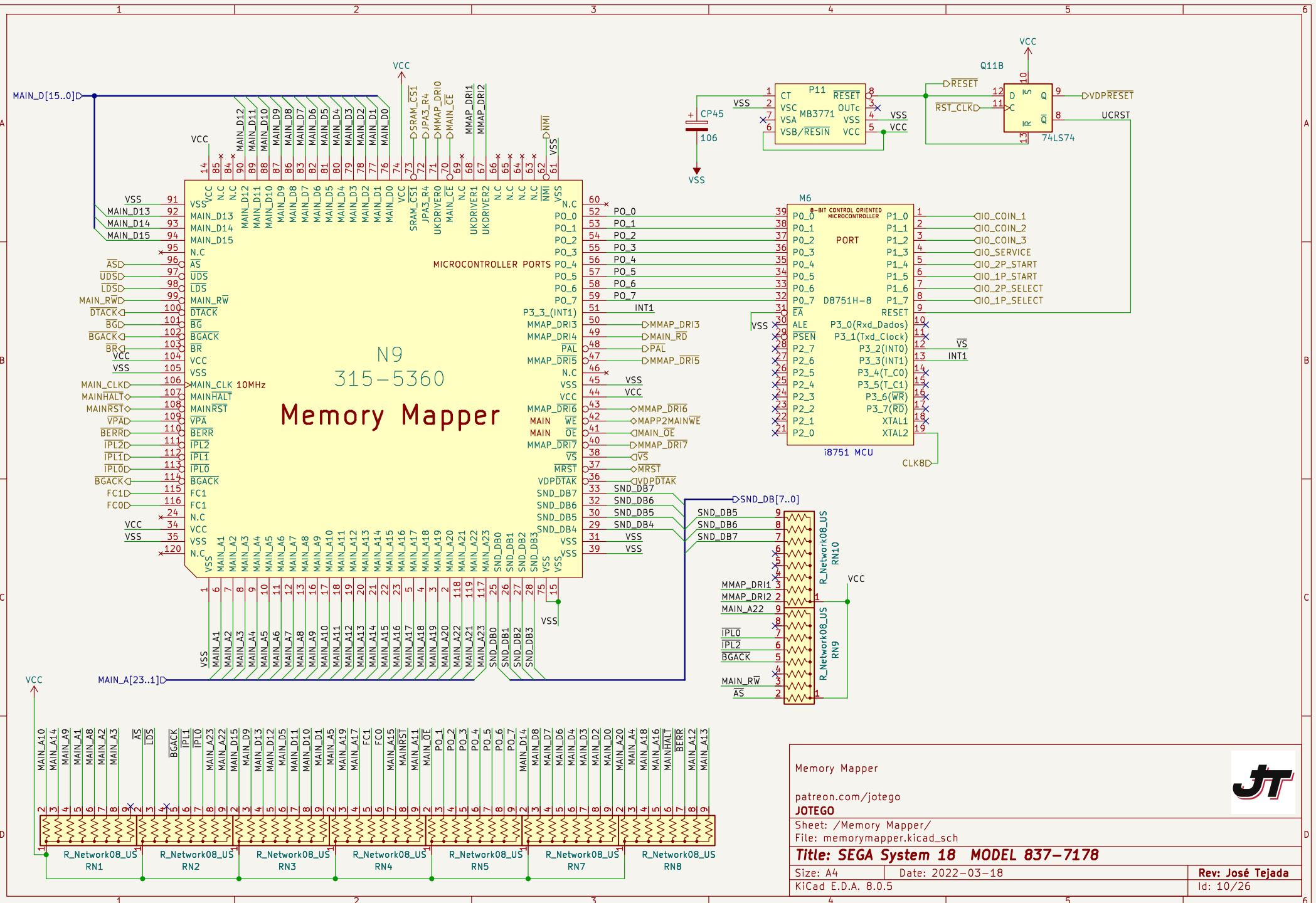
Size: A4 Date: 2022-03-18

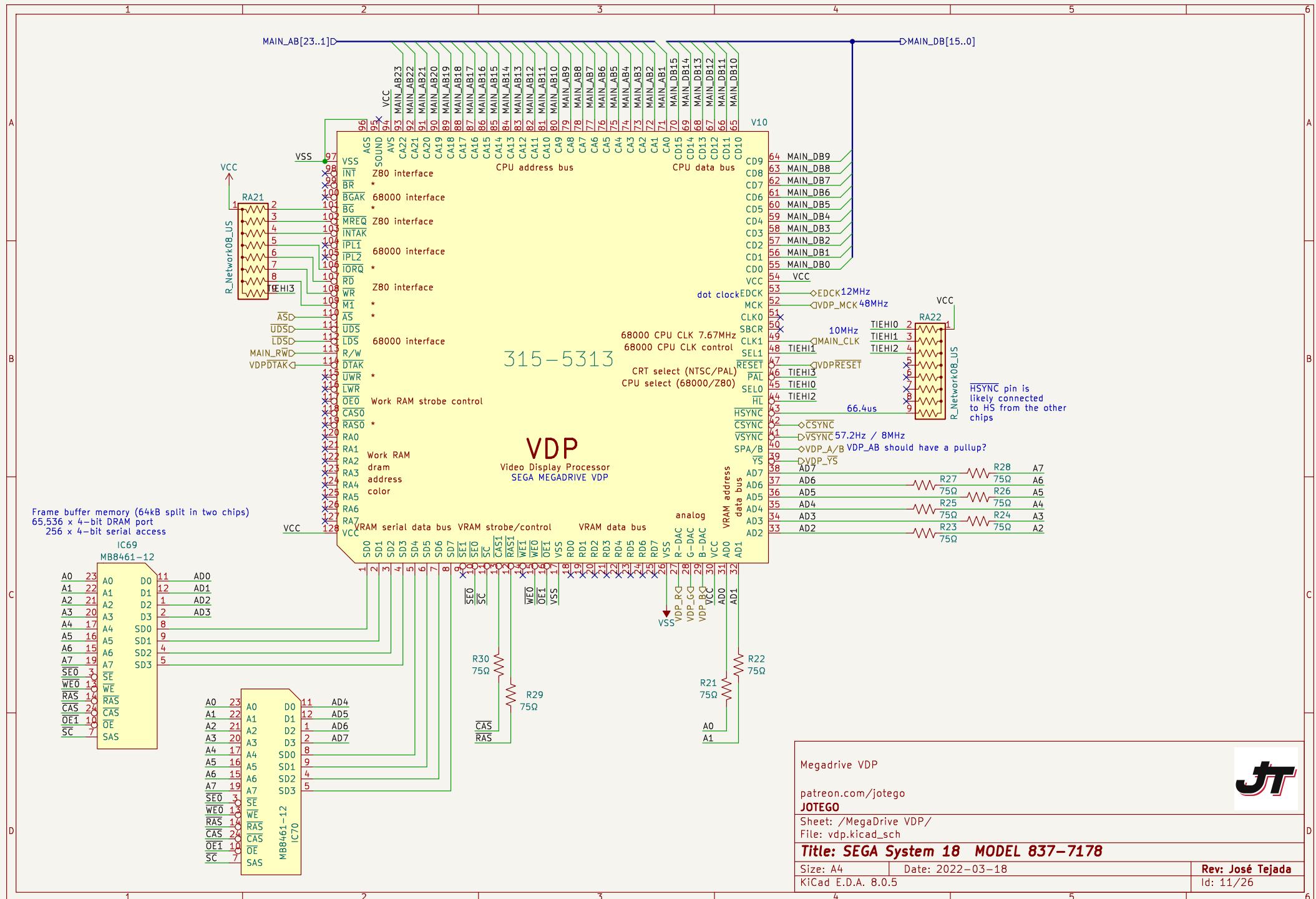
KiCad E.D.A. 8.0.5

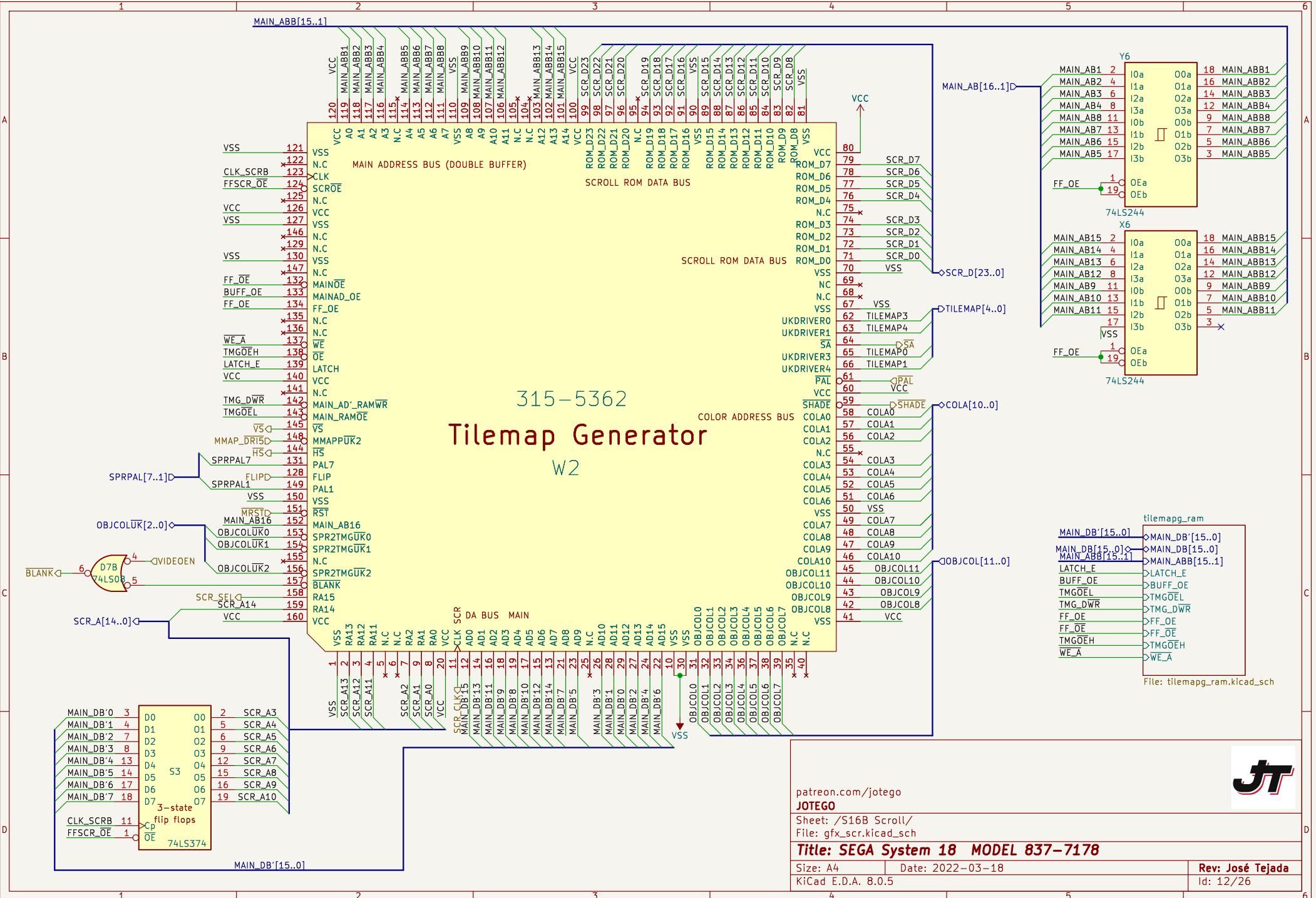


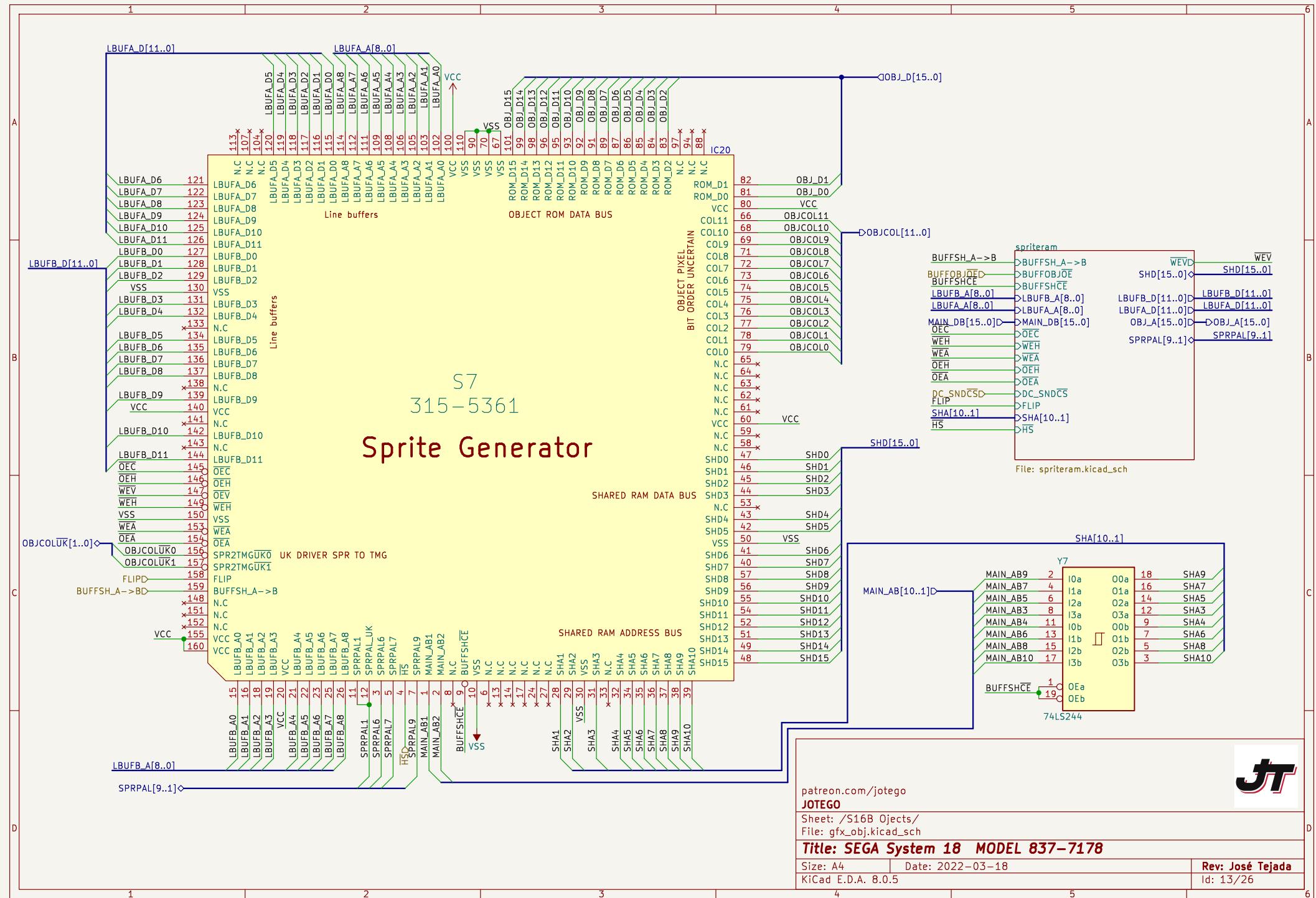
Rev: José Tejada

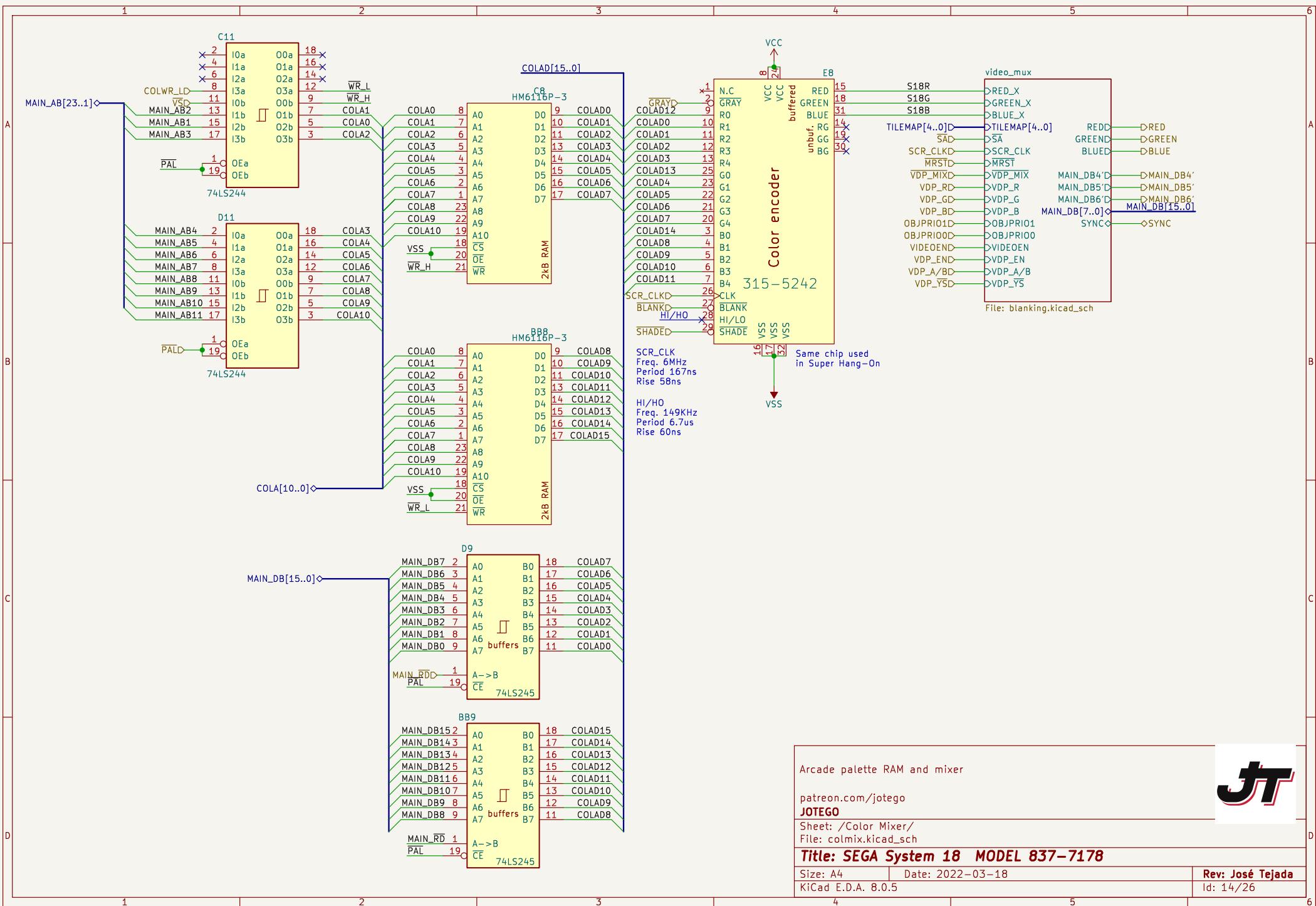
Id: 9/26

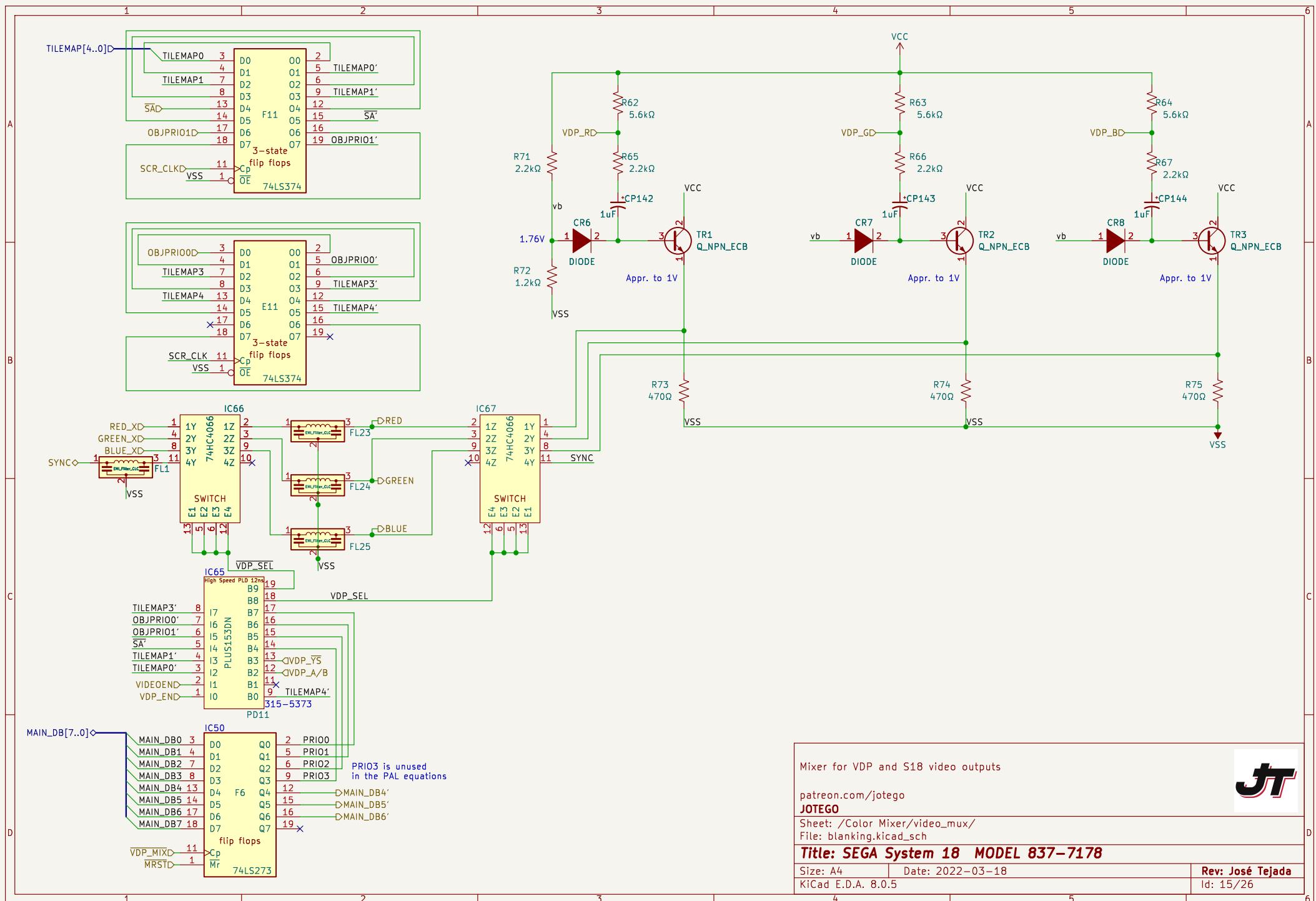




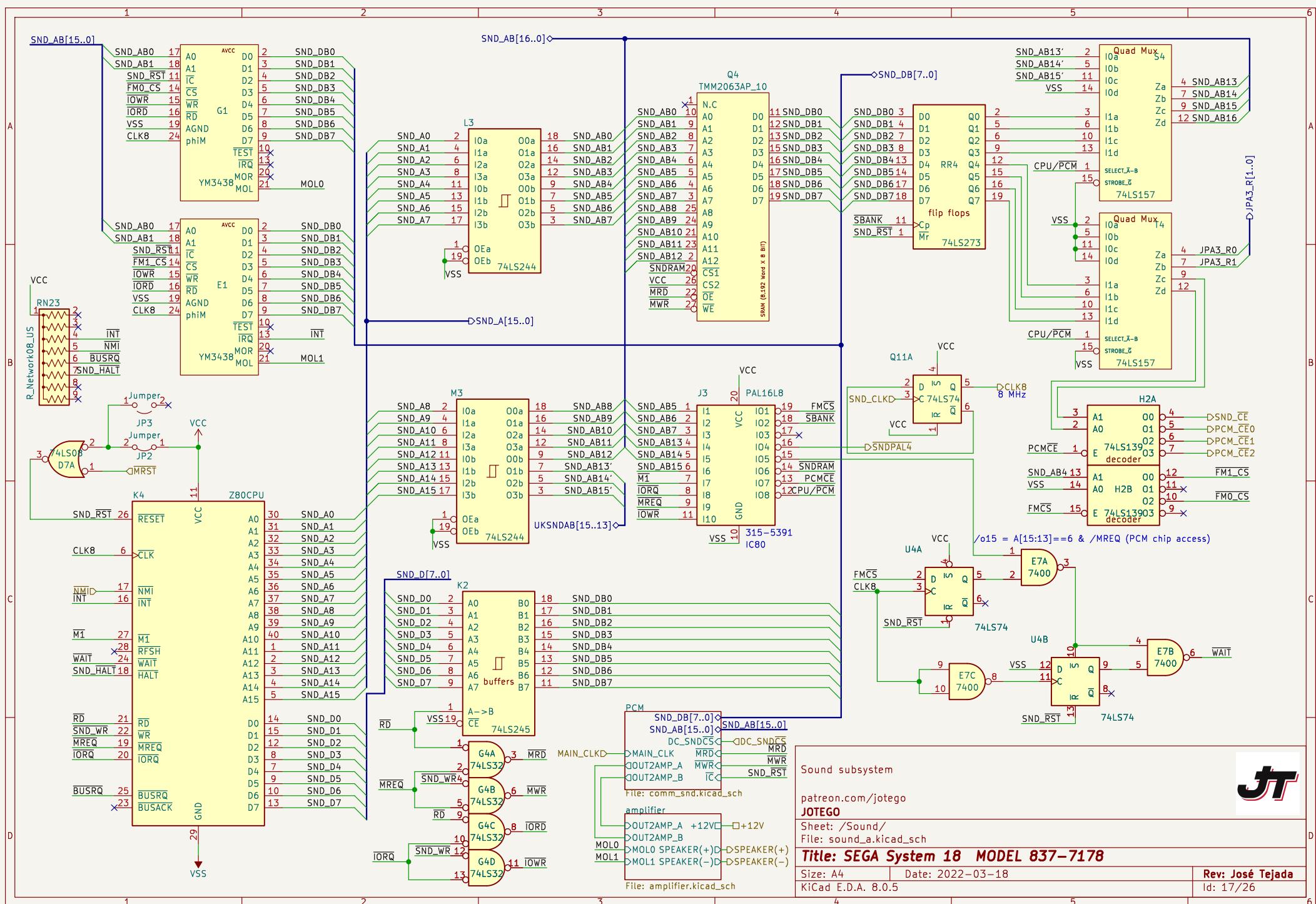


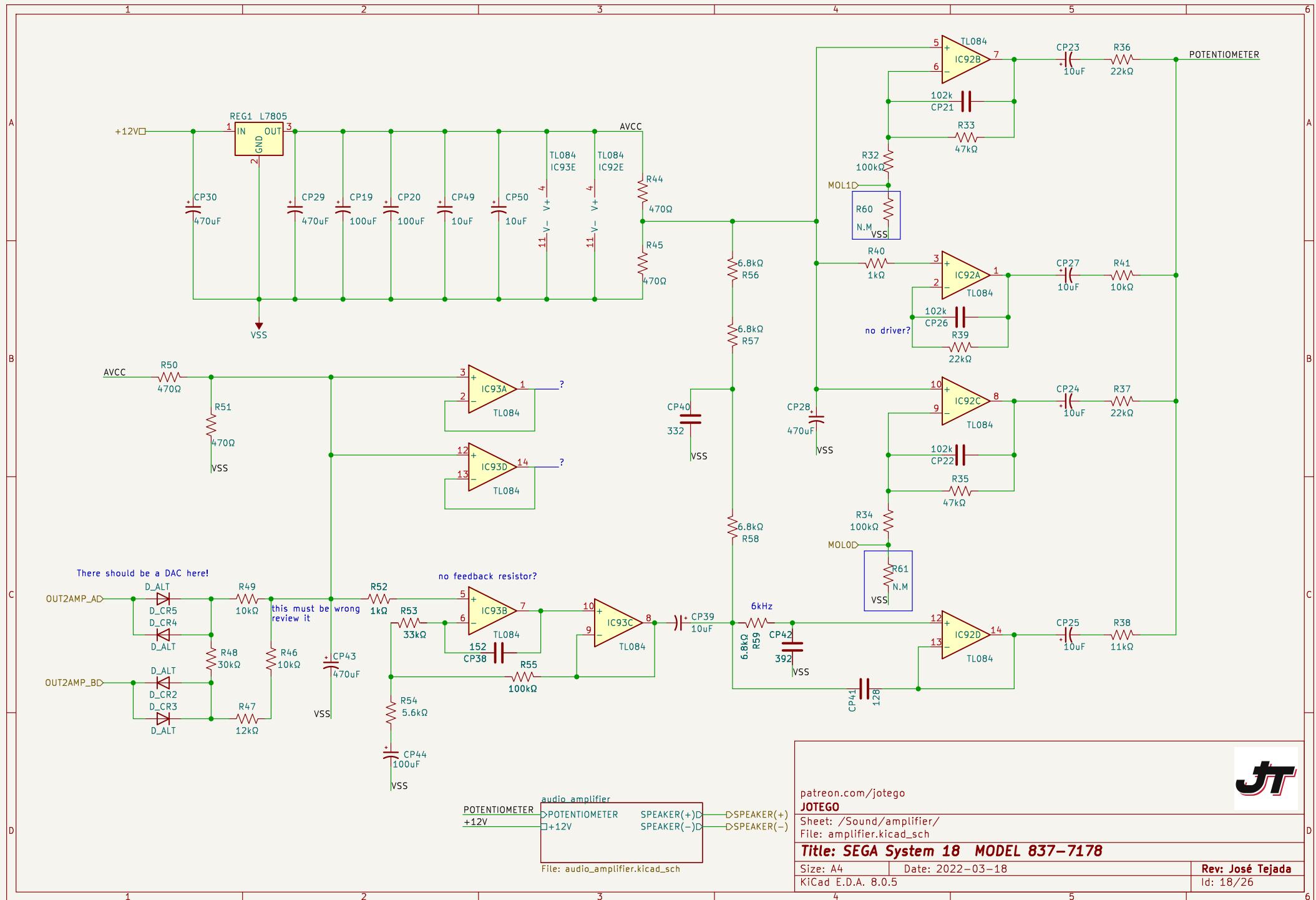




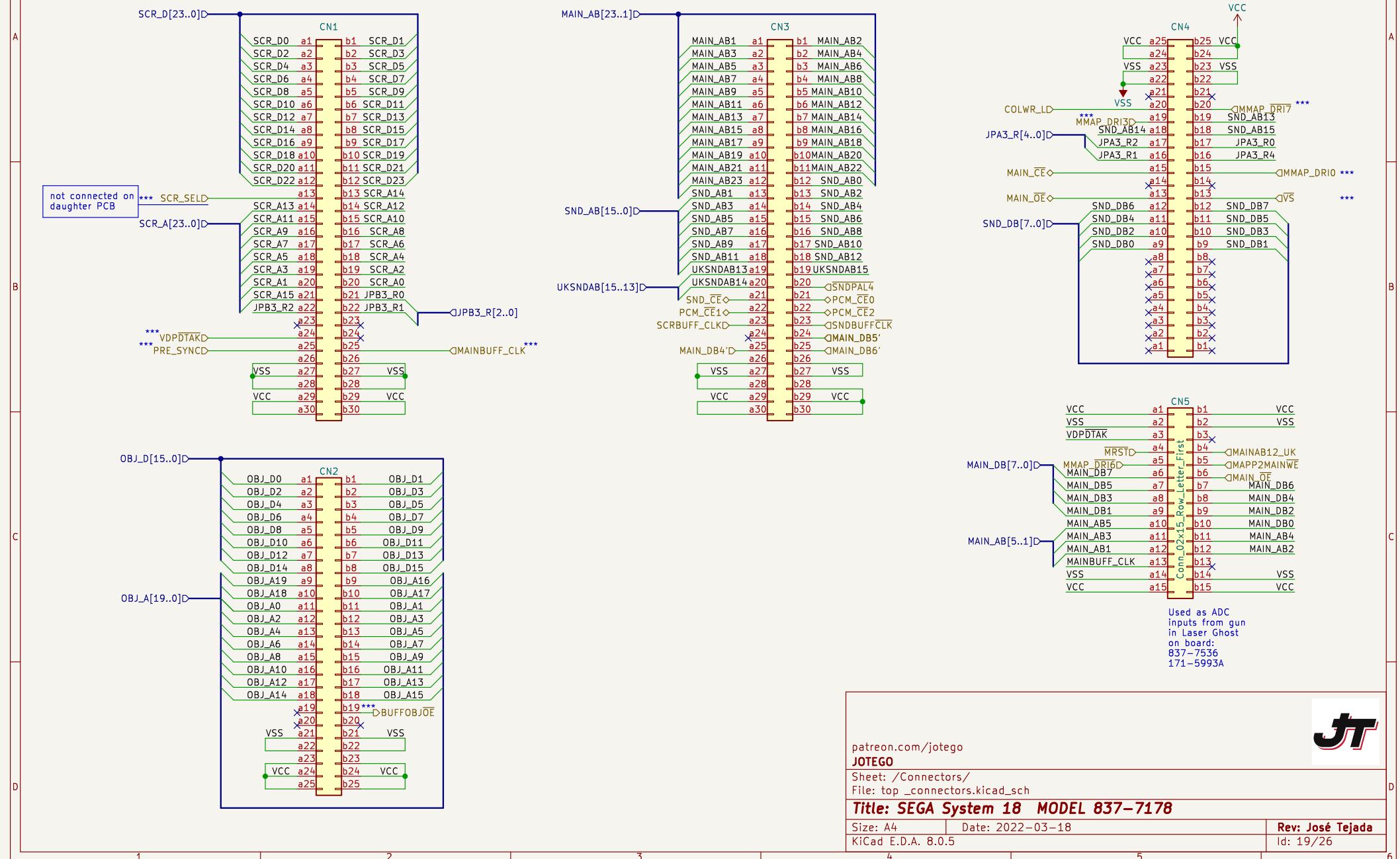


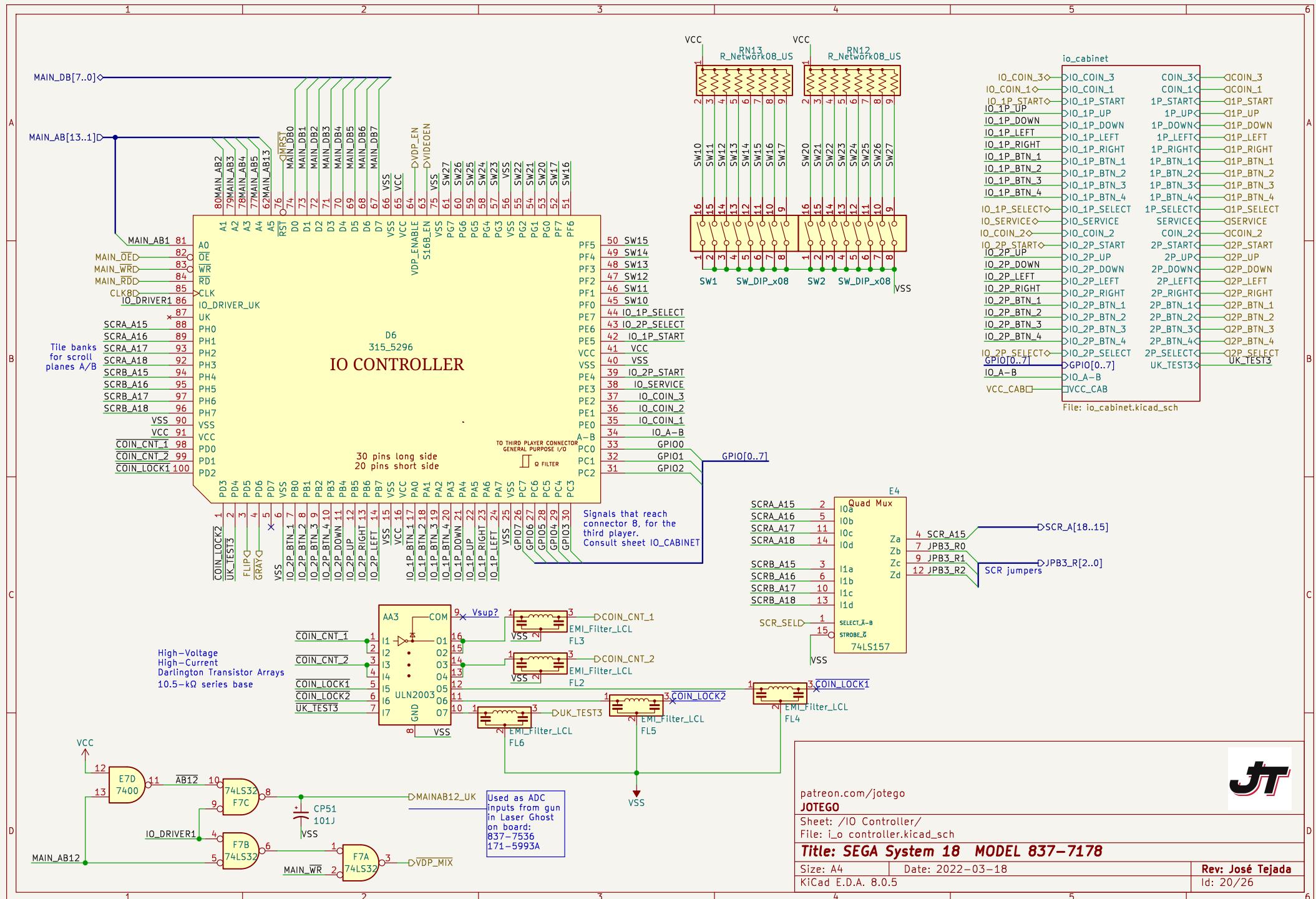


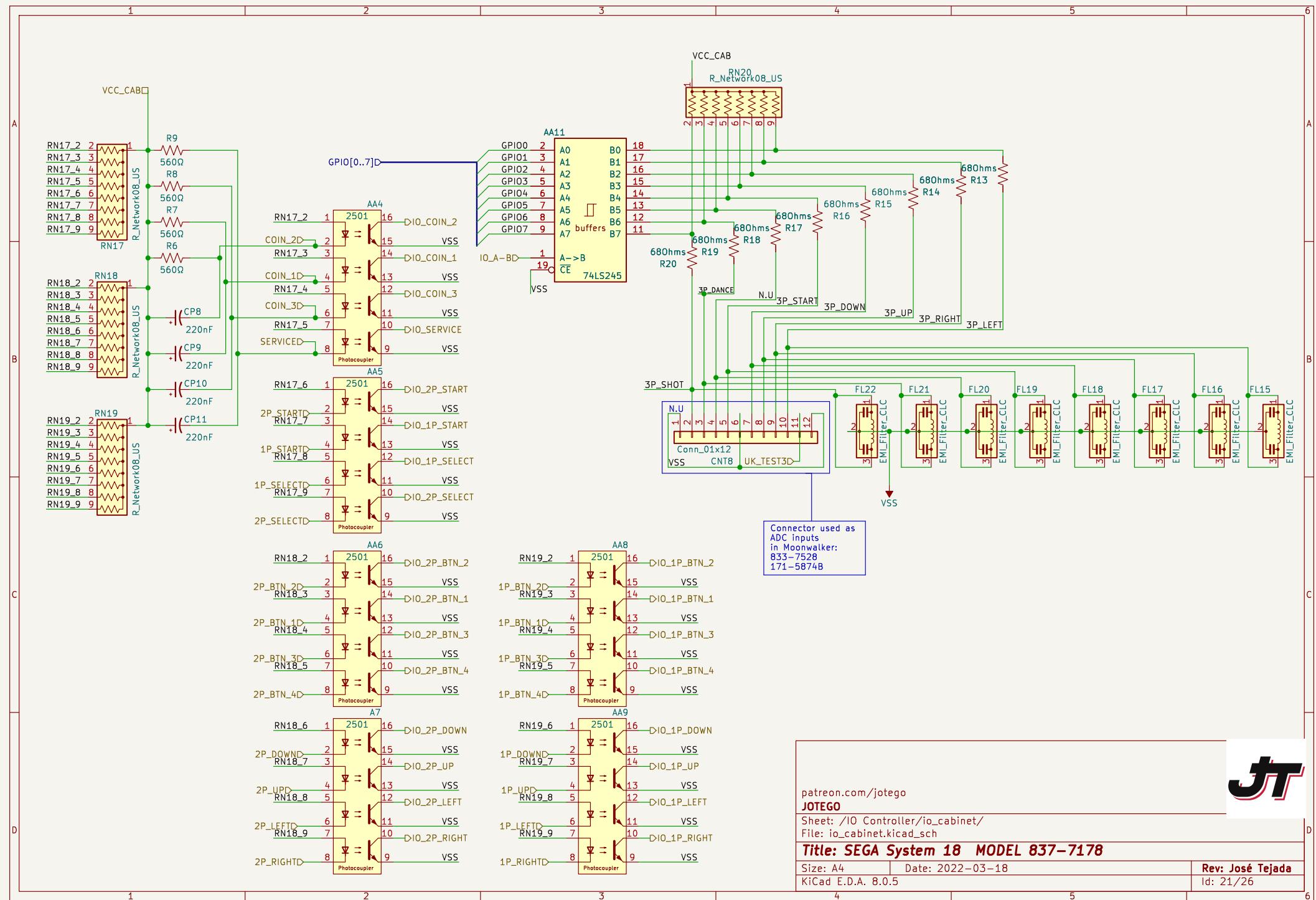


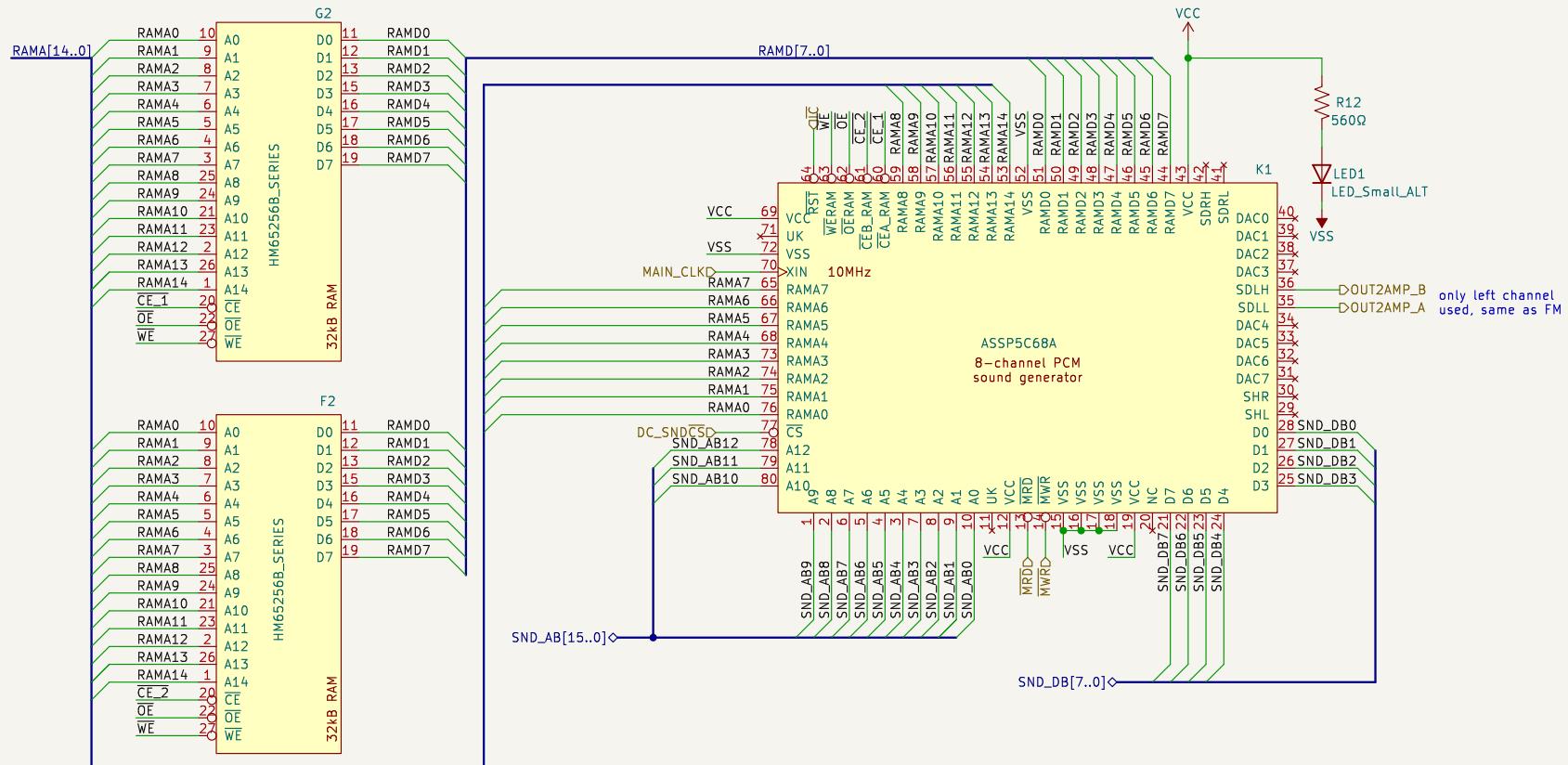


MOTHER AND DAUGHTER PCB CONNECTORS









PCM sound generator

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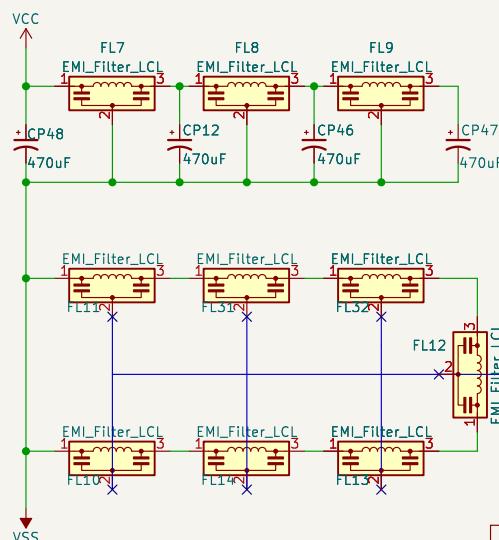
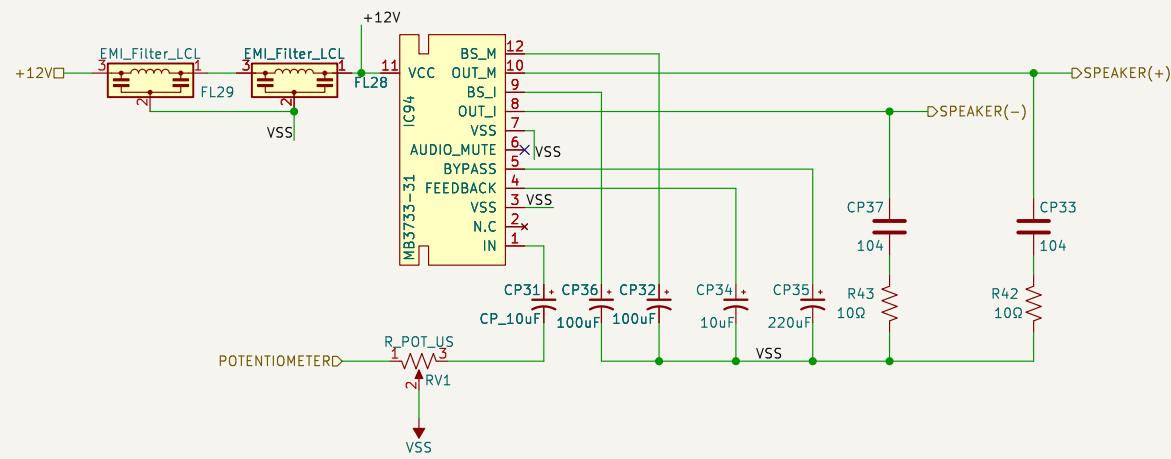
Sheet: /Sound/PCM/
File: comm_snd.kicad_sch

Title: SEGA System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18

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Leaded EMIFI
Three-terminal Capacitor type
DSS6NE52A222p
2200pF 80/-20%
100Vdc 6A -25 to +85°C

A kind of a track is observed between the two PCB layers, as if it were another layer, but there is no certainty about that. The track seems to be used to delimit or isolate the EMI (ElectroMagnetic Interference) filters. They may have wanted to isolate the noise between digital and analog devices.

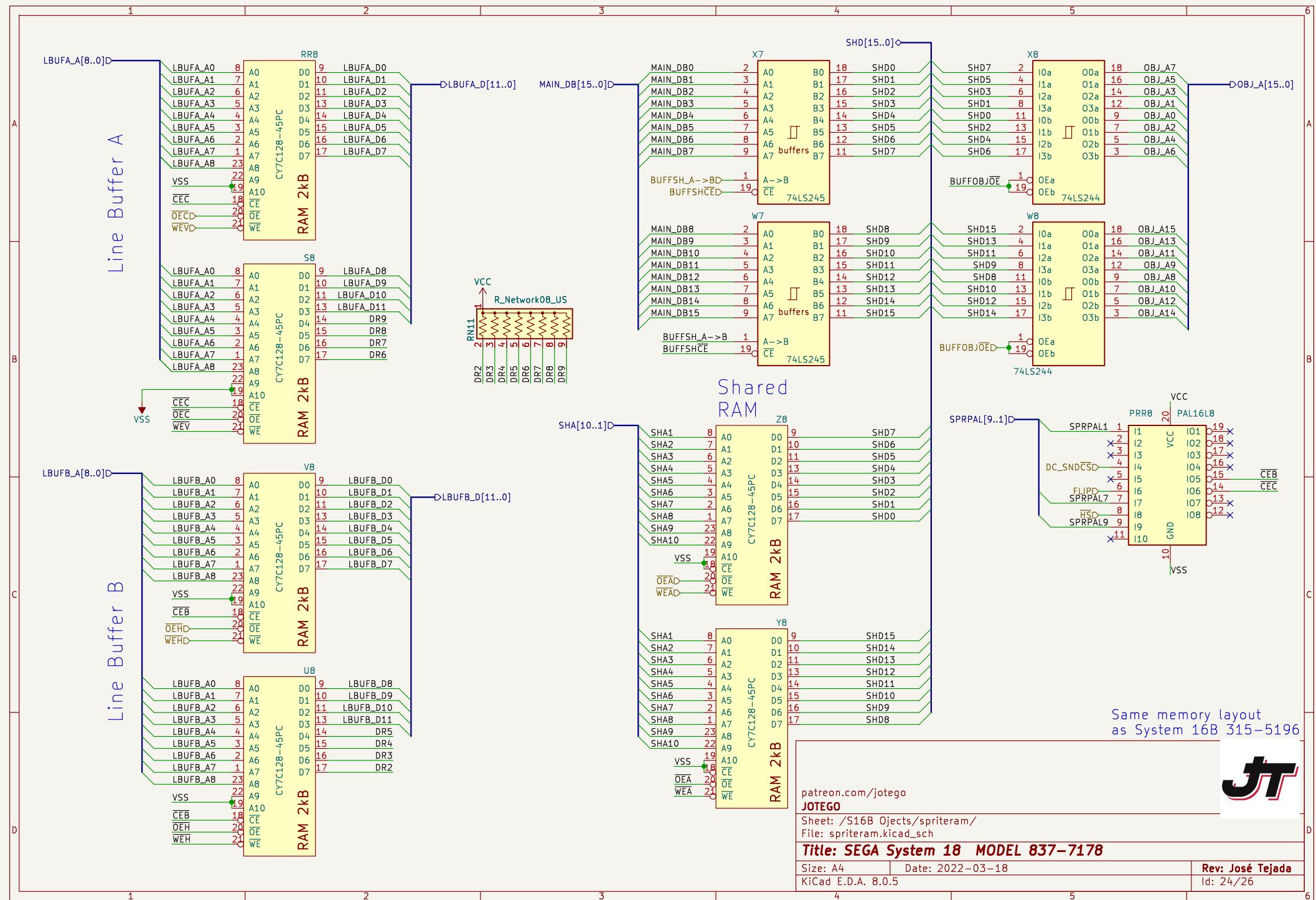
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JOTEGO

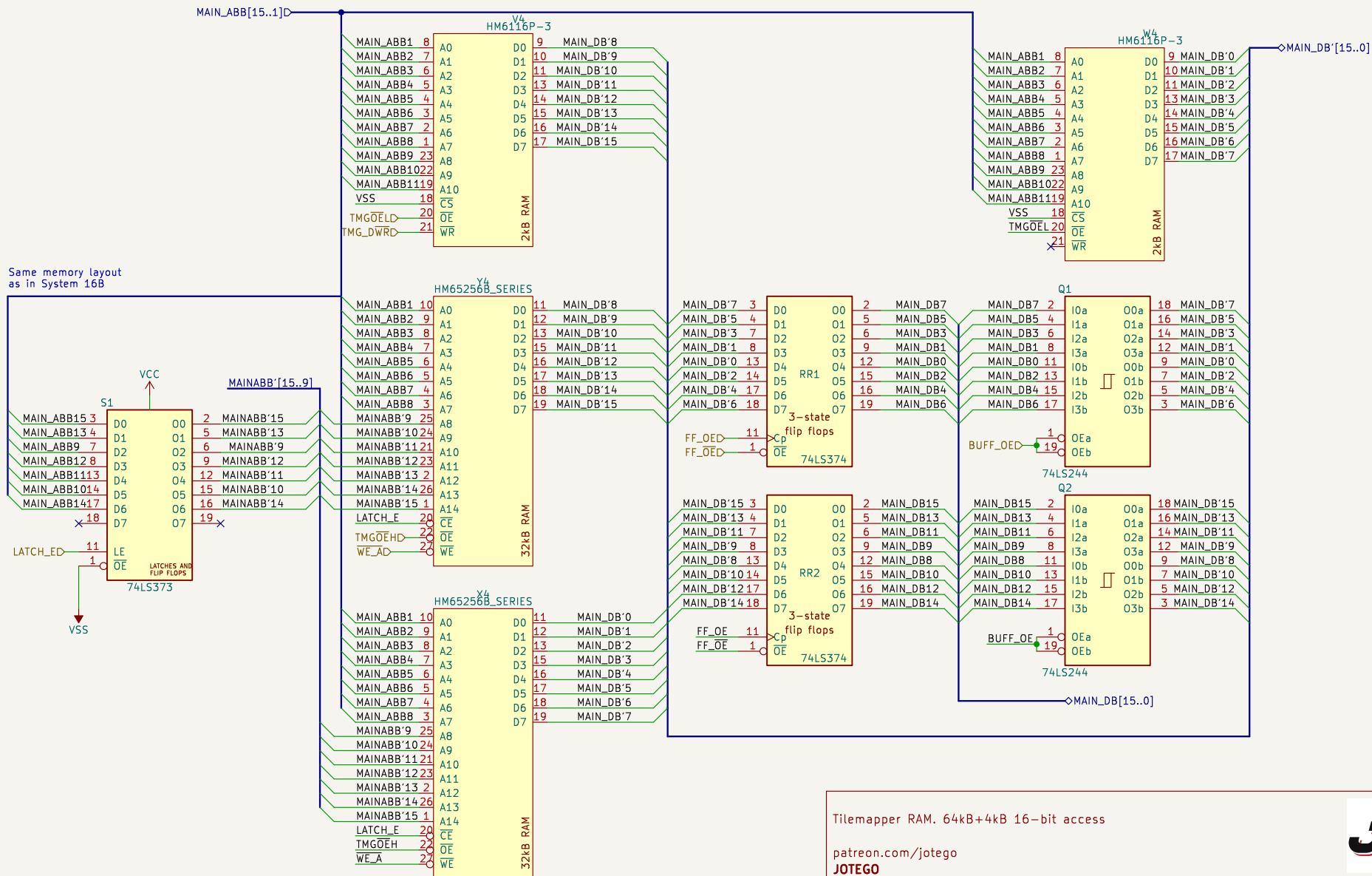
Sheet: /Sound/amplifier/audio_amplifier/
File: audio_amplifier.kicad_sch

Title: SEGA System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18







Tilemapper RAM. 64kB+4kB 16-bit access

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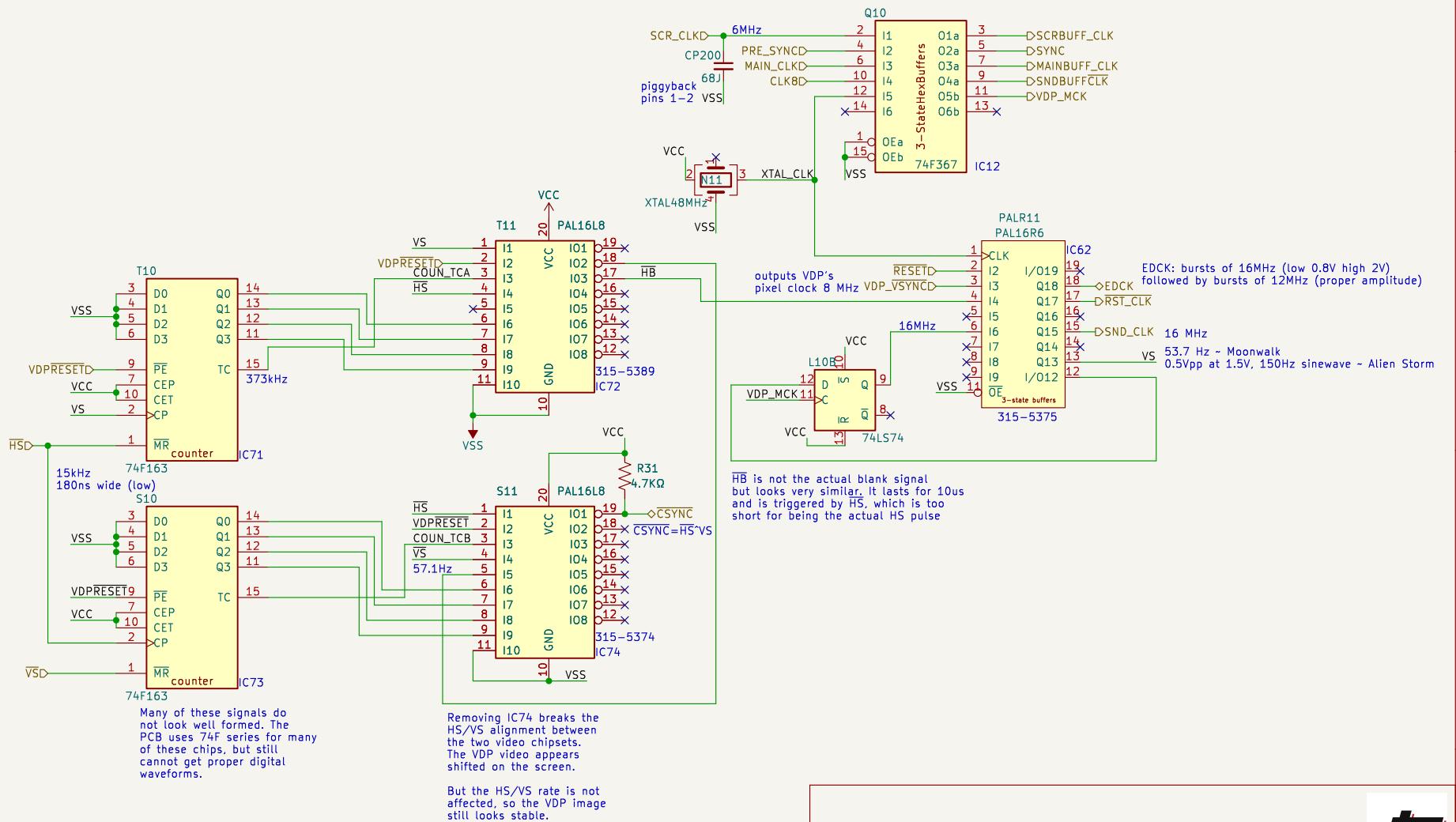
Sheet: /S16B_Scroll/tilemapg_ram/
File: tilemapg_ram.kicad_sch

Title: SEGA System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18

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VDP pixel clock and csync generation
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Sheet: /Video Sync/
File: buffers.kicad_sch

Title: SEGA System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18

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