

A

A

B

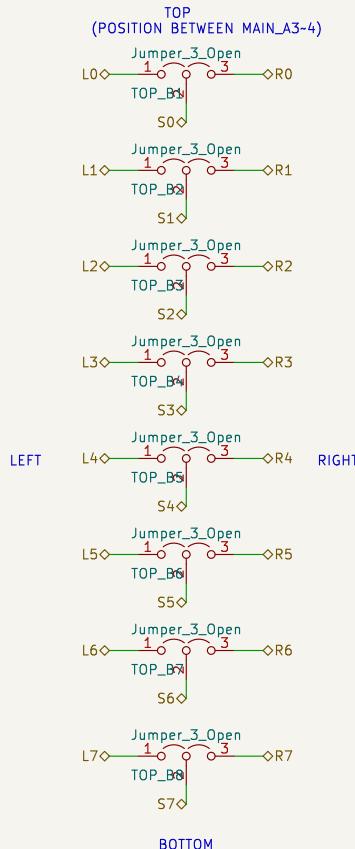
B

C

C

D

D



[patreon.com/jotego](https://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. 8.0.9

Rev: José Tejada

Id: 3/26

A

A

B

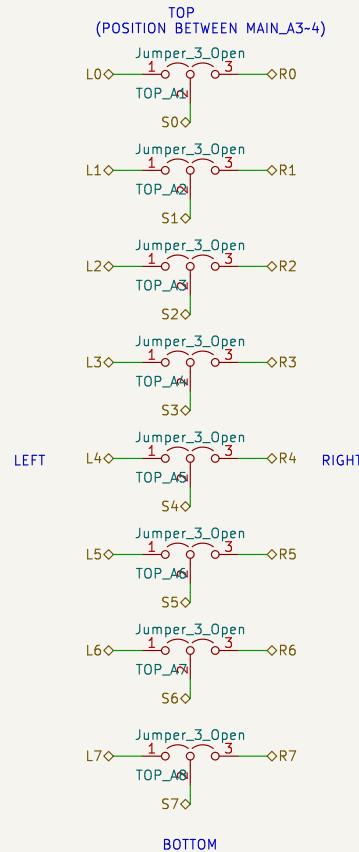
B

C

C

D

D


[patreon.com/jotego](https://patreon.com/jotego)
**JOTEGO**

Sheet: /ROM board/sndjumpers/  
File: romjp.kicad\_sch

**Title: SEGA System 18 MODEL 837-7178**

Size: A4 | Date: 2022-03-18

KiCad E.D.A. 8.0.9



Rev: José Tejada

Id: 4/26

A

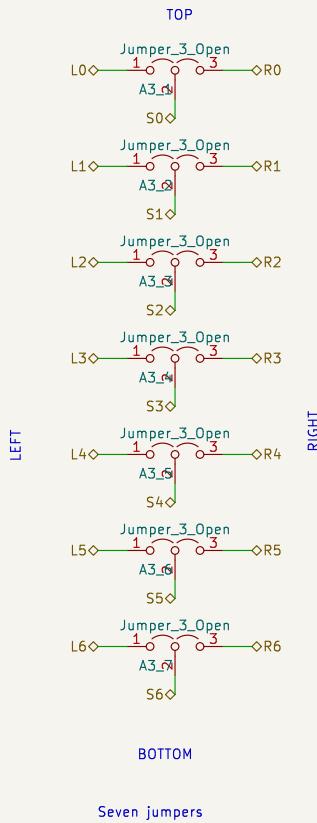
A

B

B

C

C



[patreon.com/joteqo](https://patreon.com/joteqo)

JOTEGO

Sheet: /ROM board/objjumpers/  
File: romjp7.kicad\_sch

**Title: SEGA System 18 MODEL 837-7178**

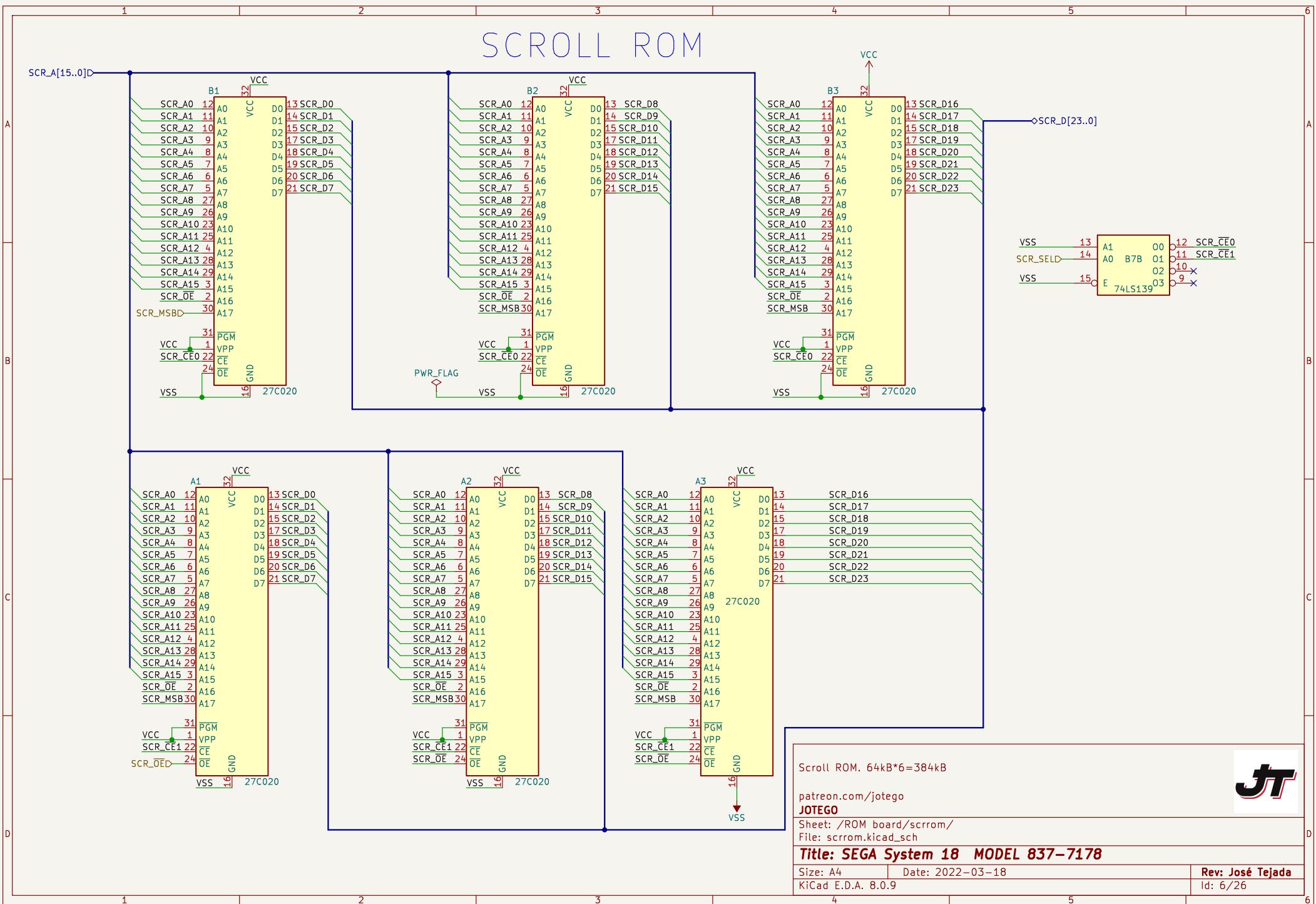
Size: A4 Date: 2022-03-18

KiCad E.D.A. 8.0.9

Rev: José Tejada

Id: 5/26

# SCROLL ROM



Scroll ROM. 64kB\*6=384kB

[patreon.com/jotego](https://patreon.com/jotego)

JOTEGO

Sheet: /ROM board/scrrom/

File: scrrom.kicad\_sch

**Title: SEGA System 18 MODEL 837-7178**

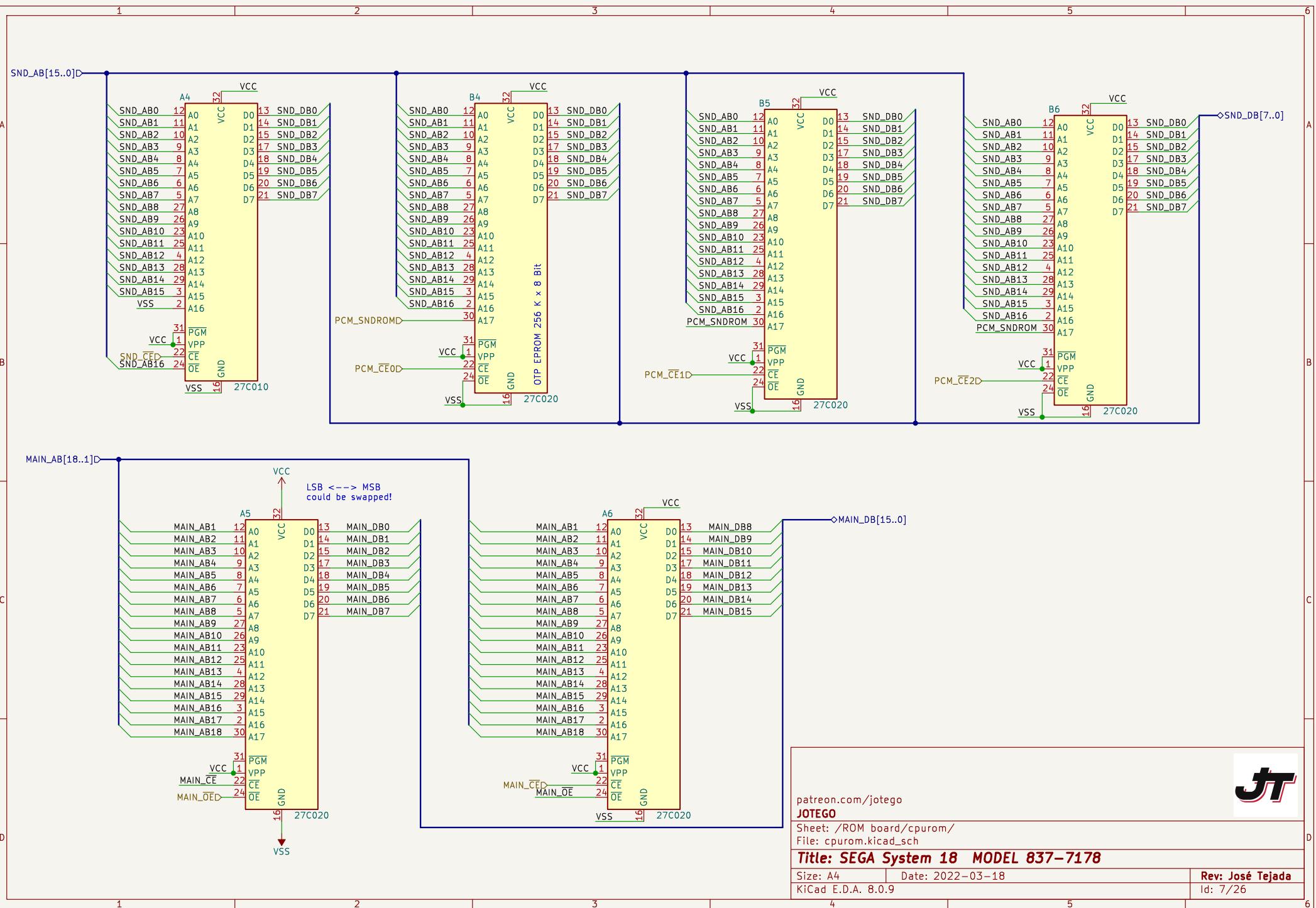
Size: A4 Date: 2022-03-18

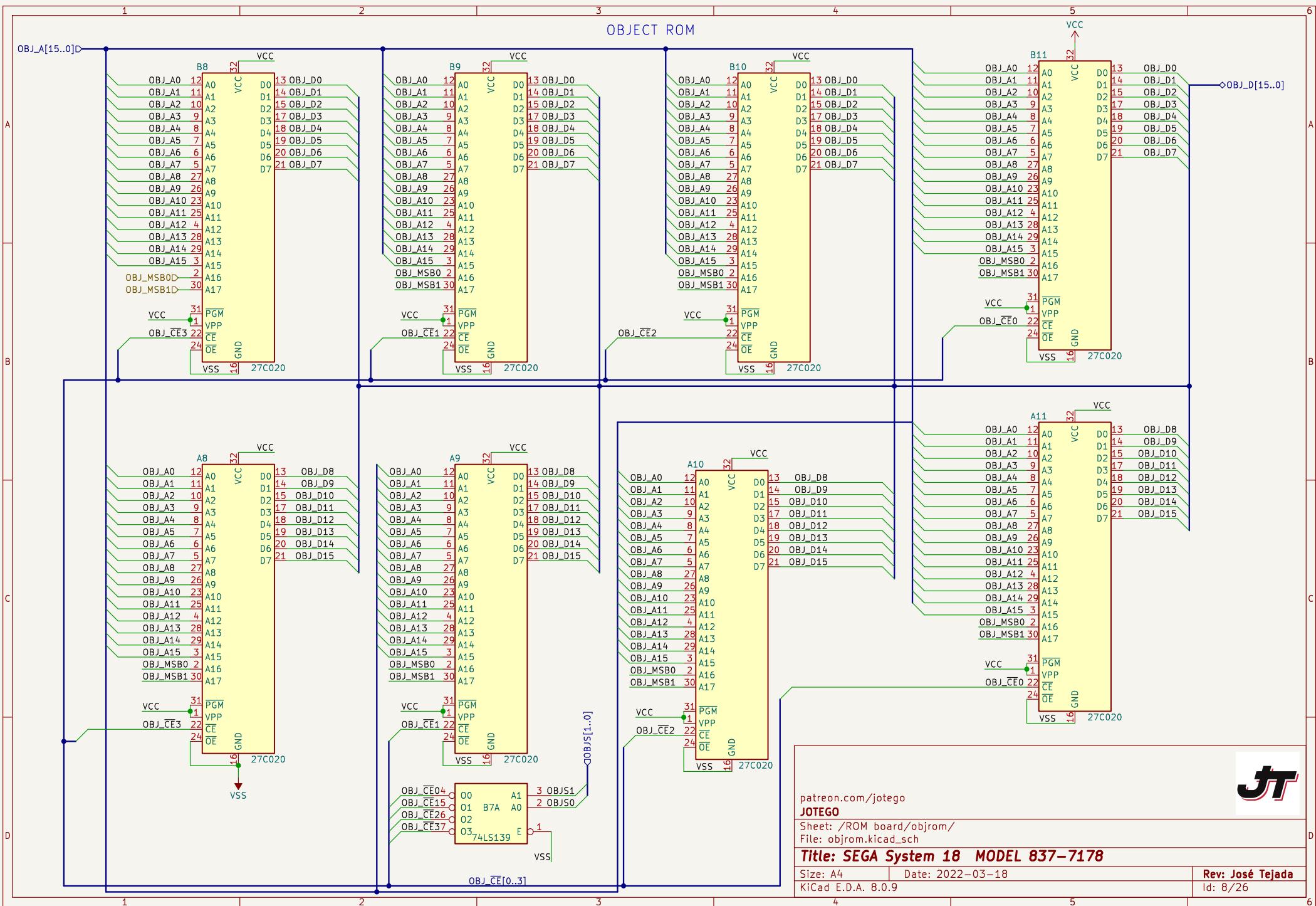
KiCad E.D.A. 8.0.9

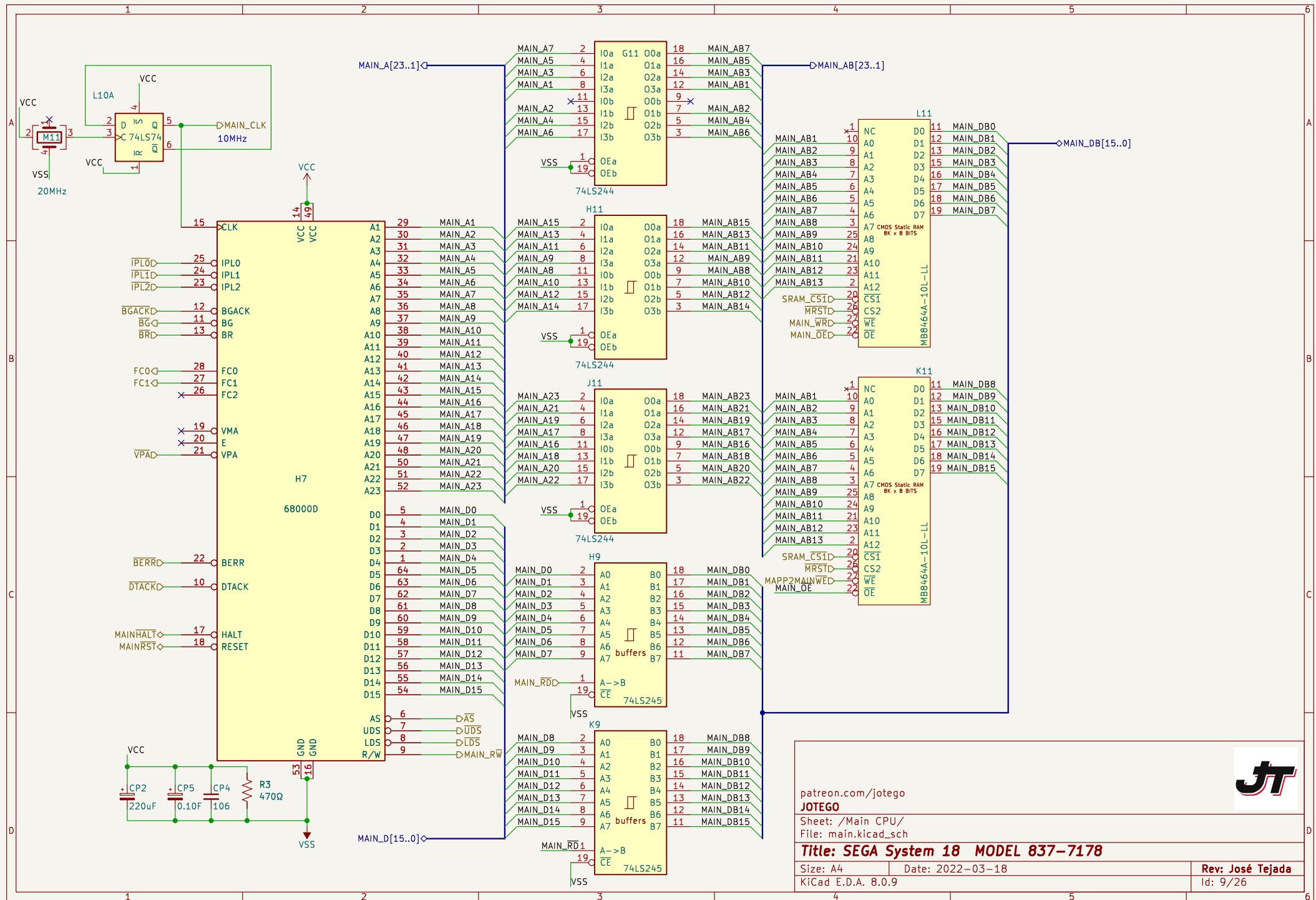


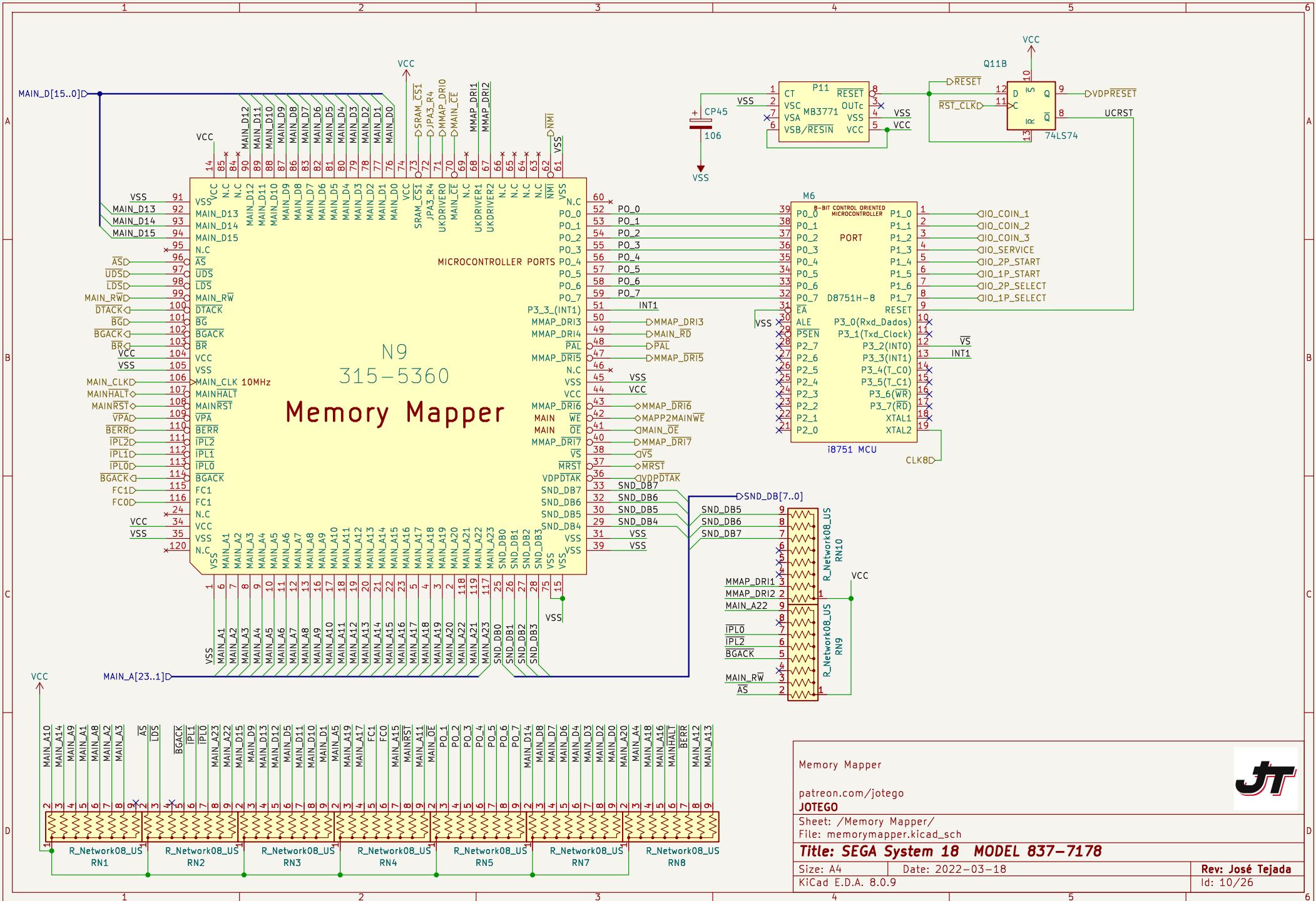
Rev: José Tejada

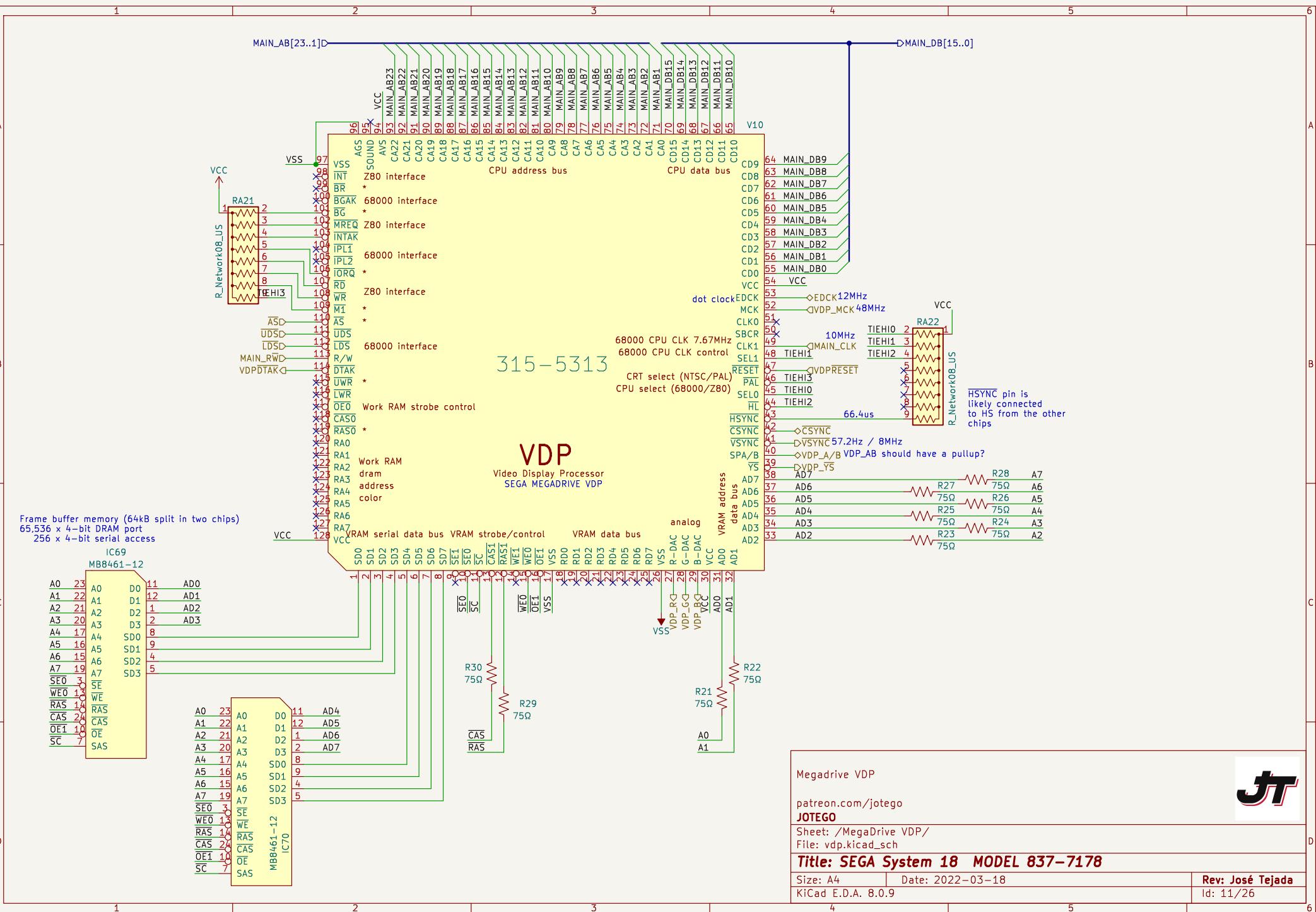
Id: 6/26

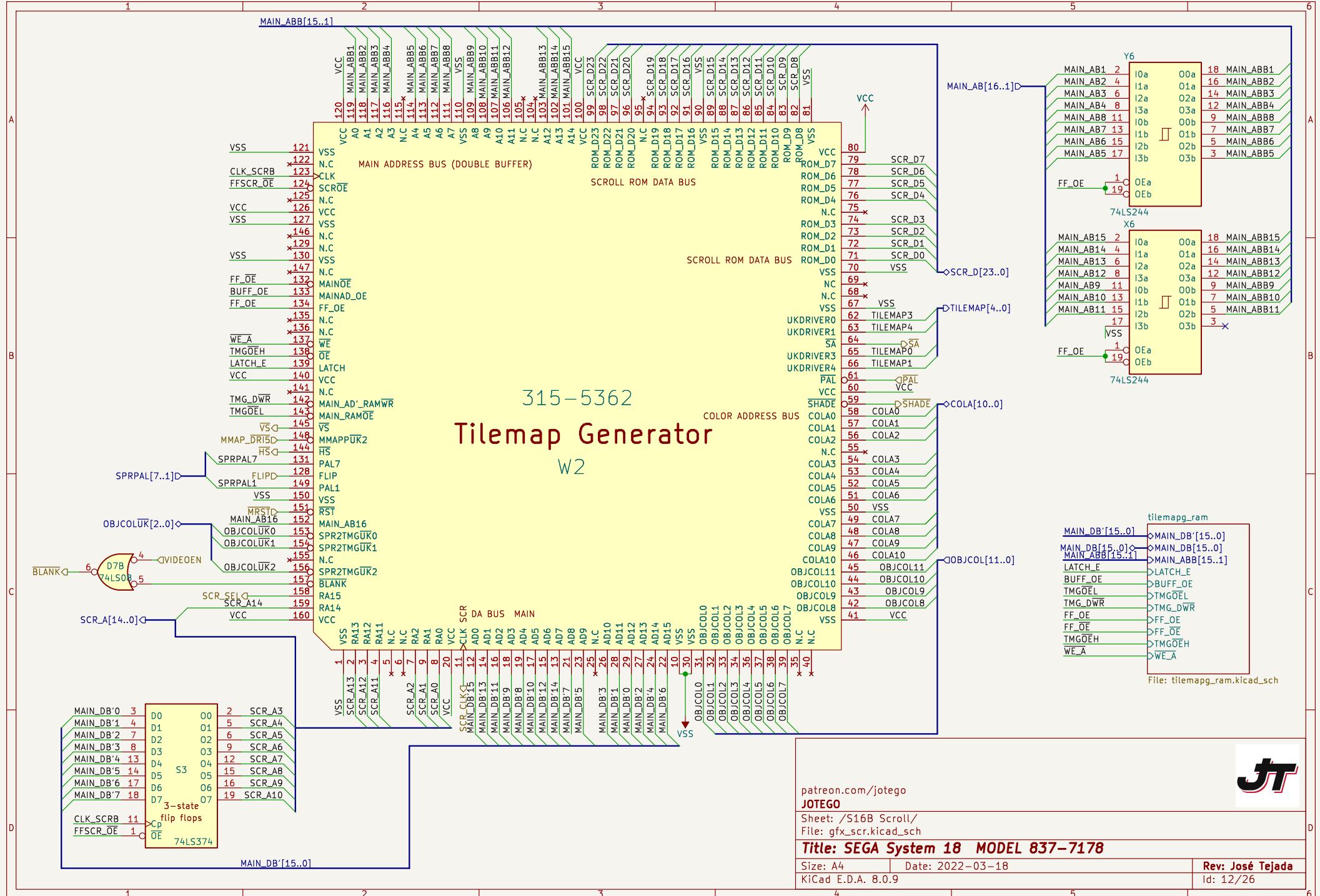


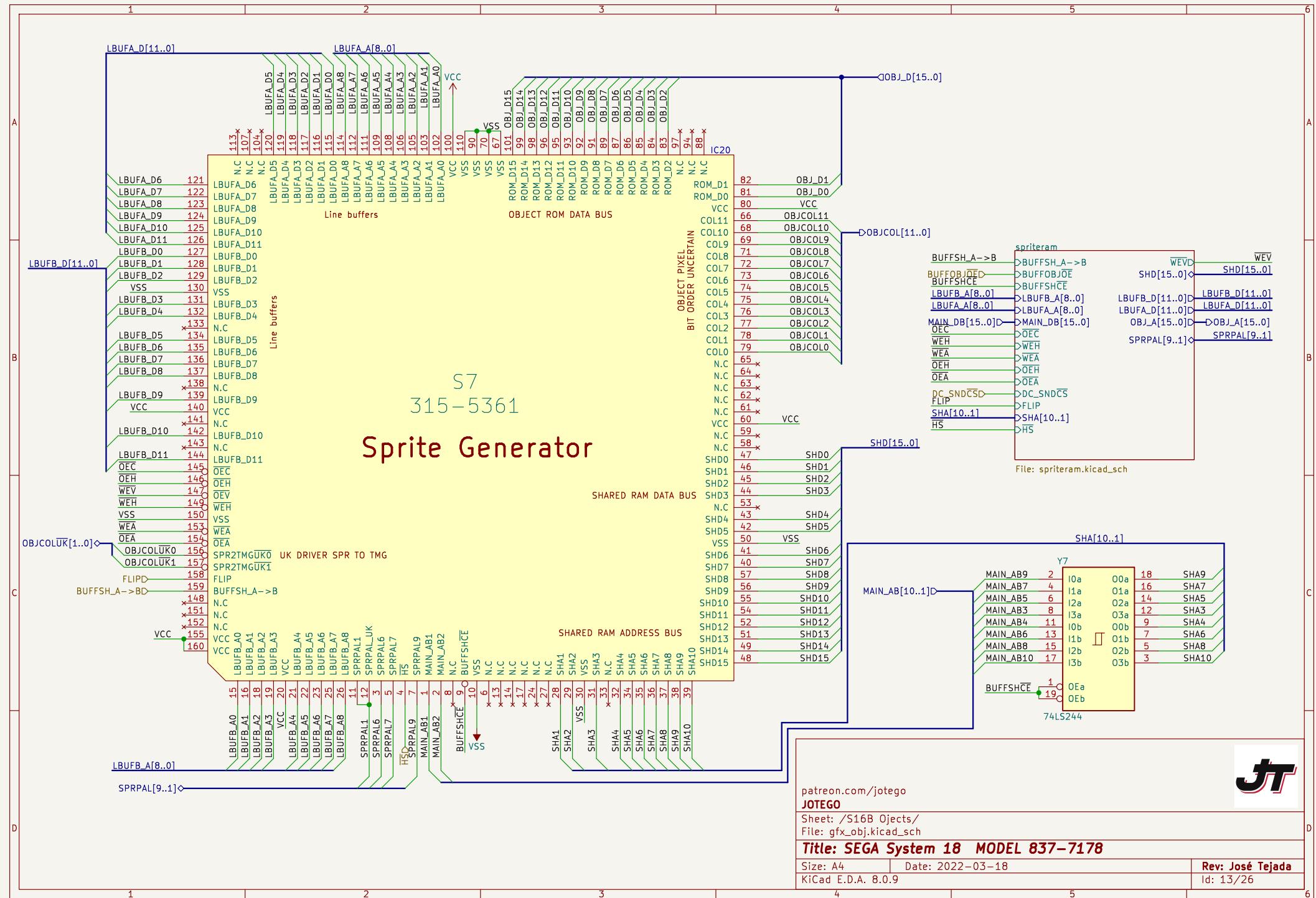


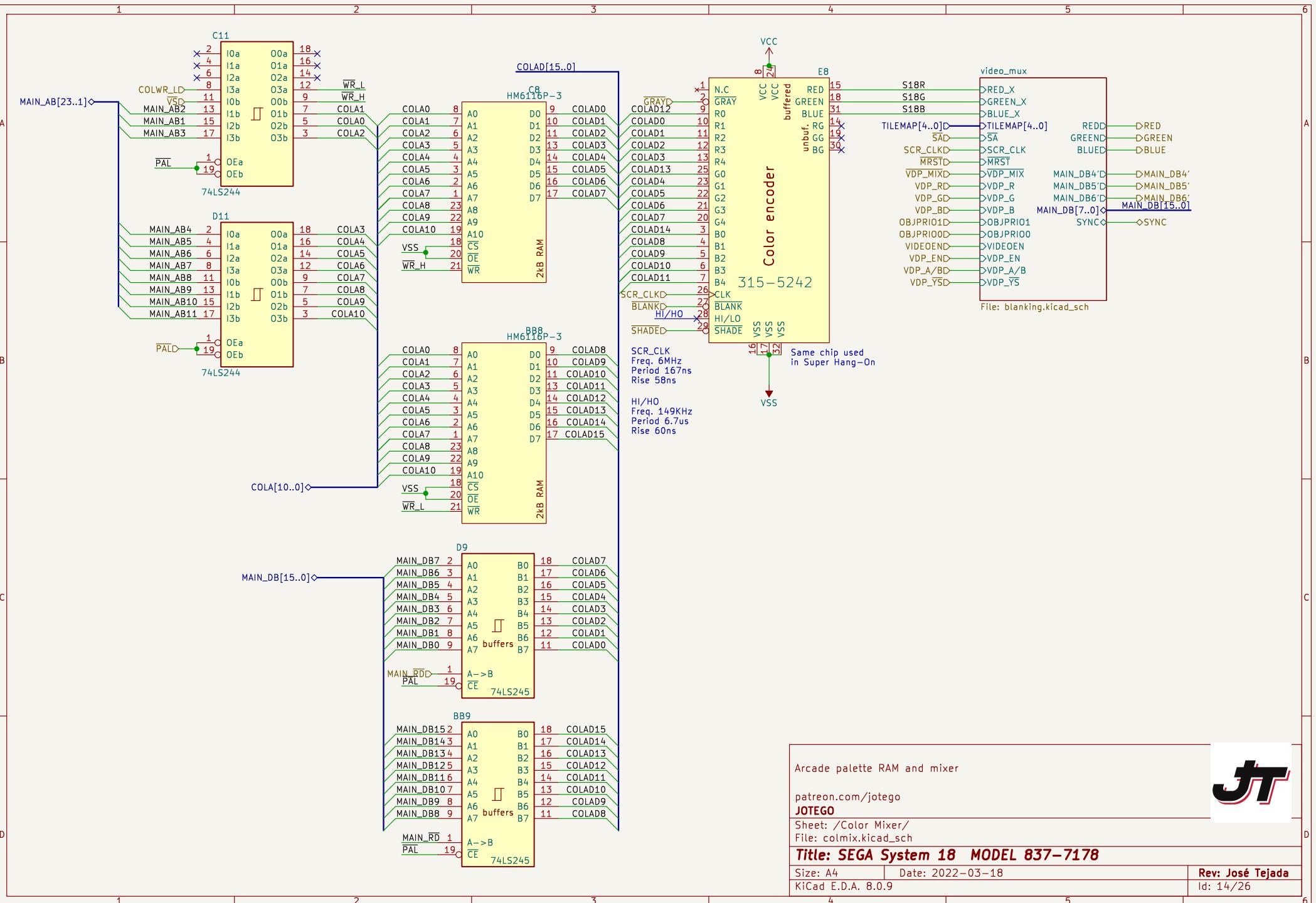


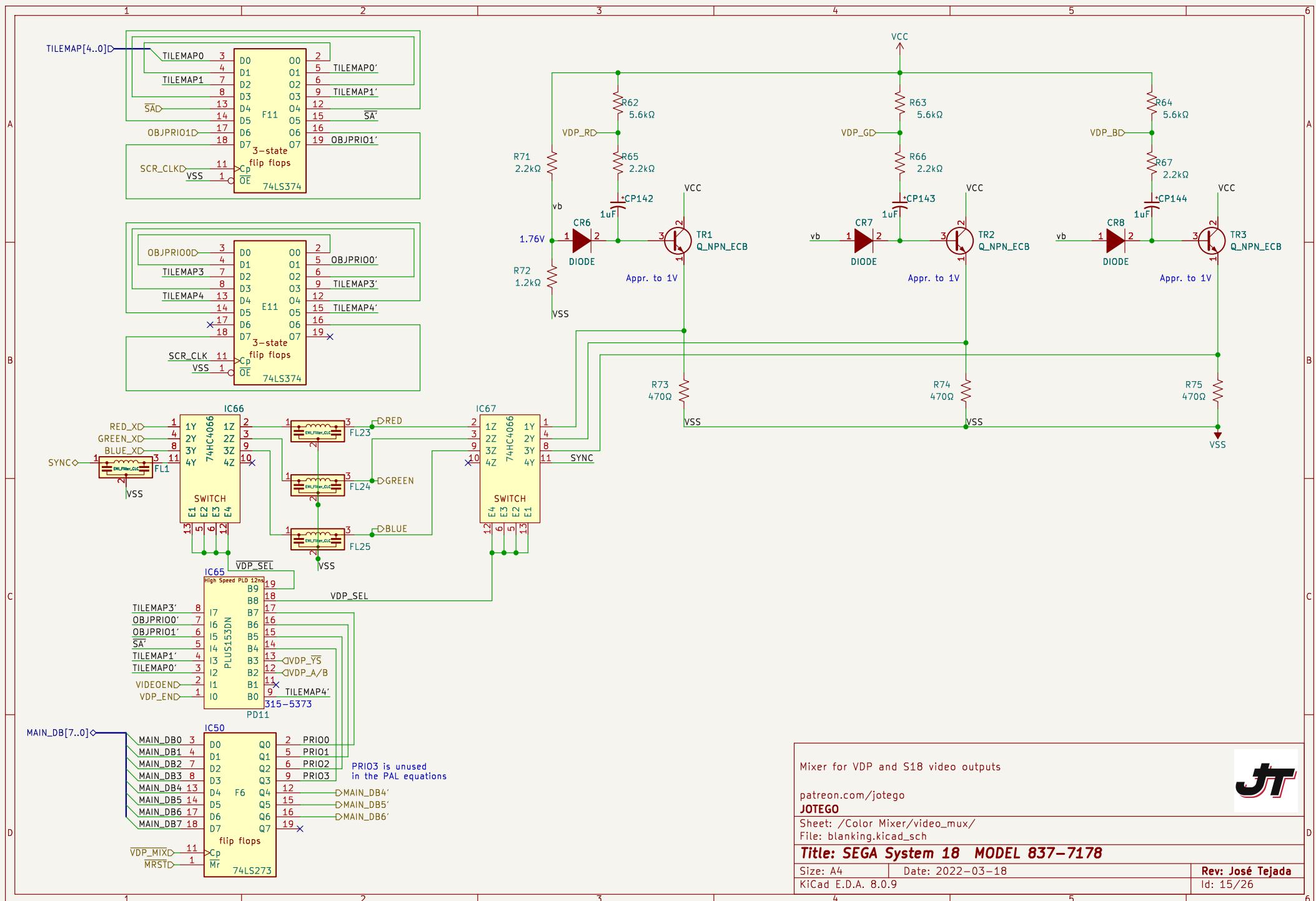




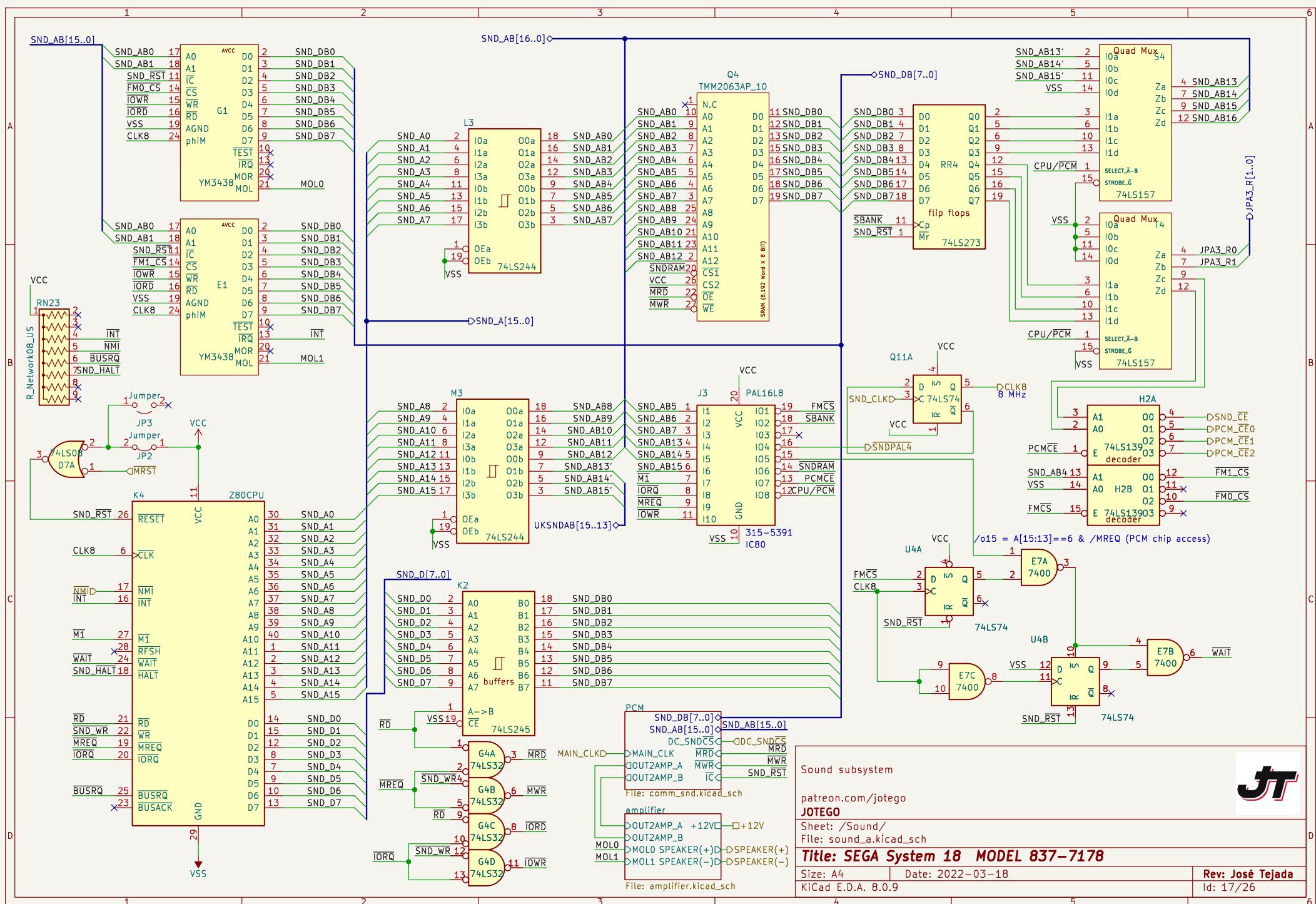


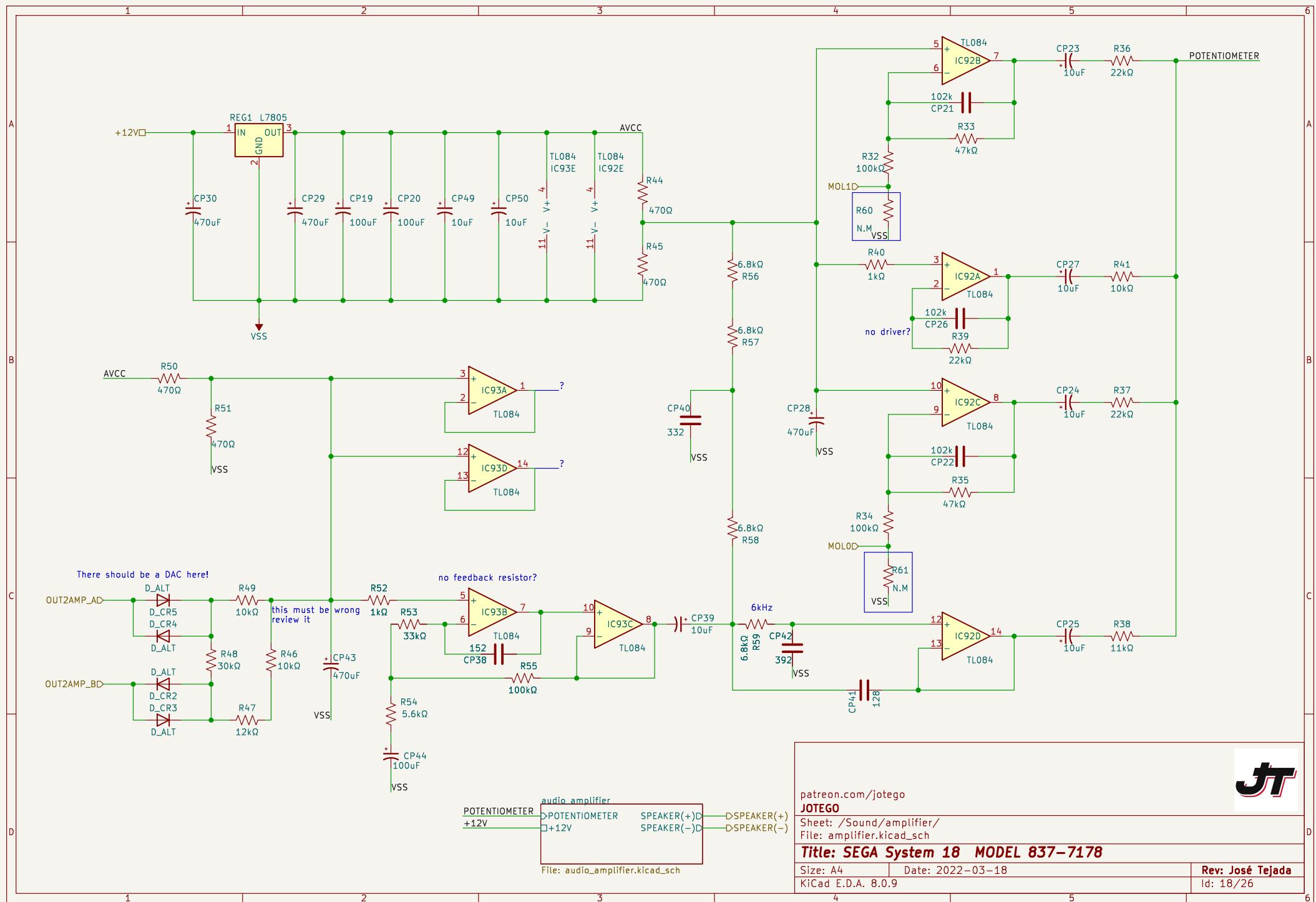




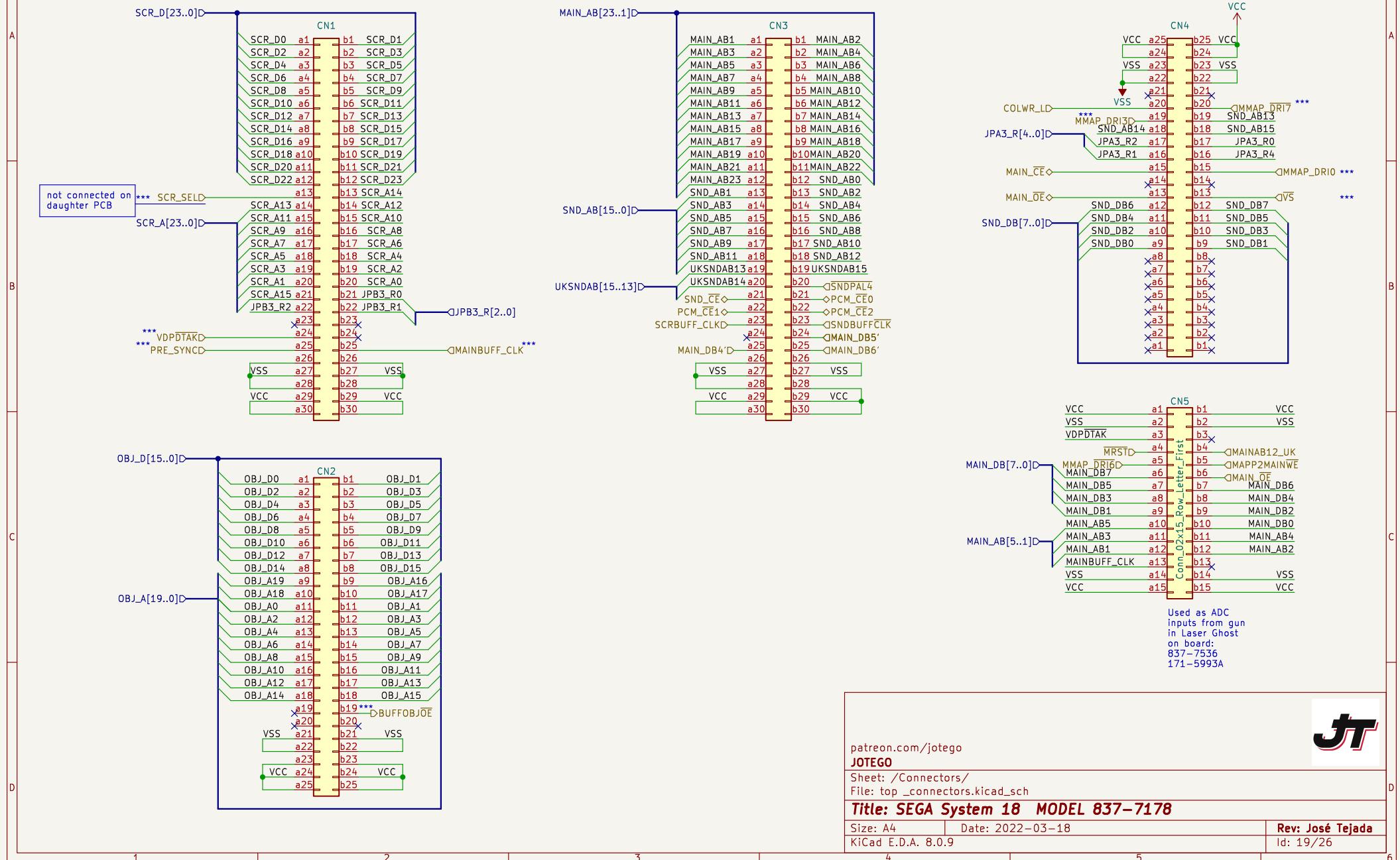


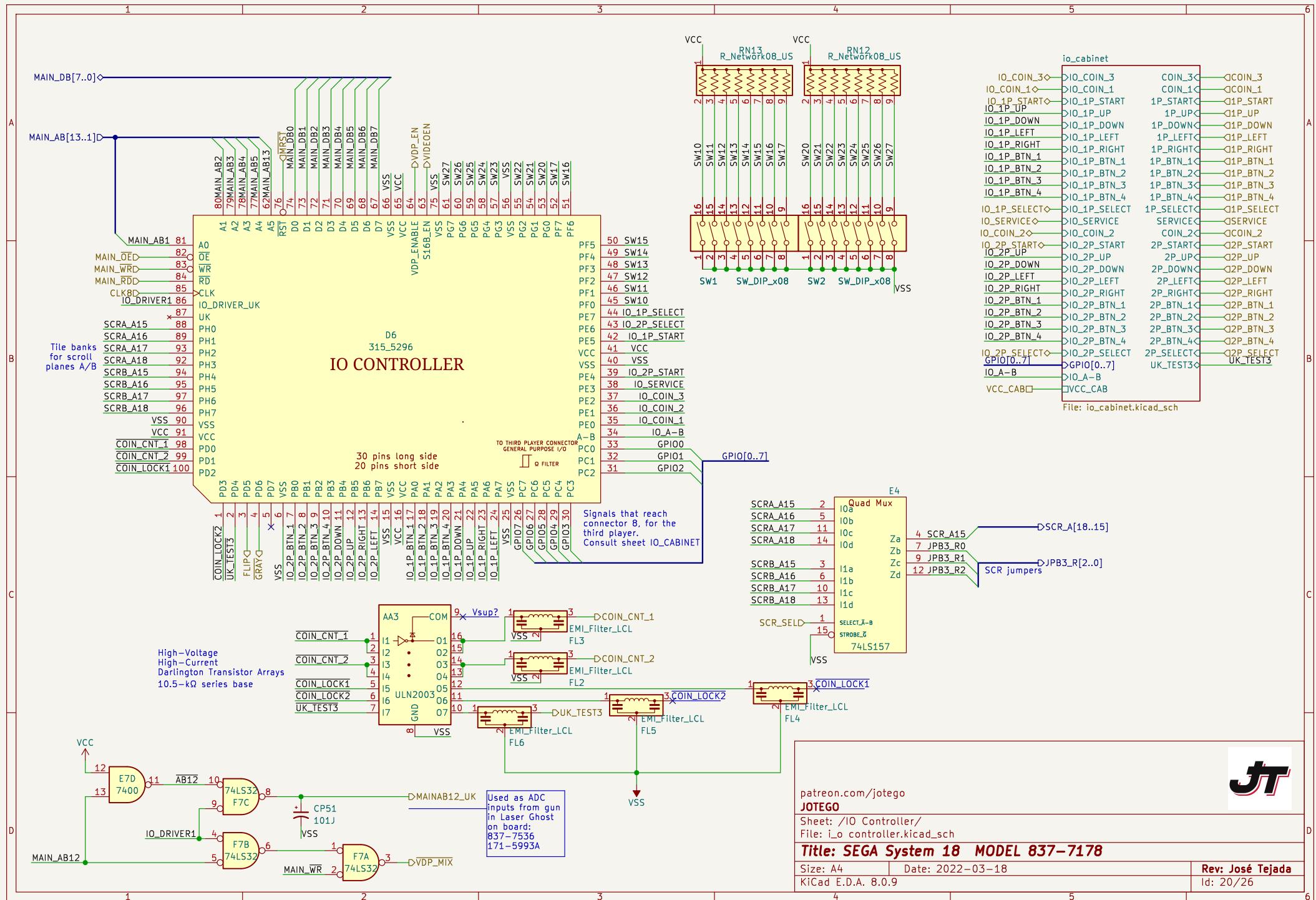


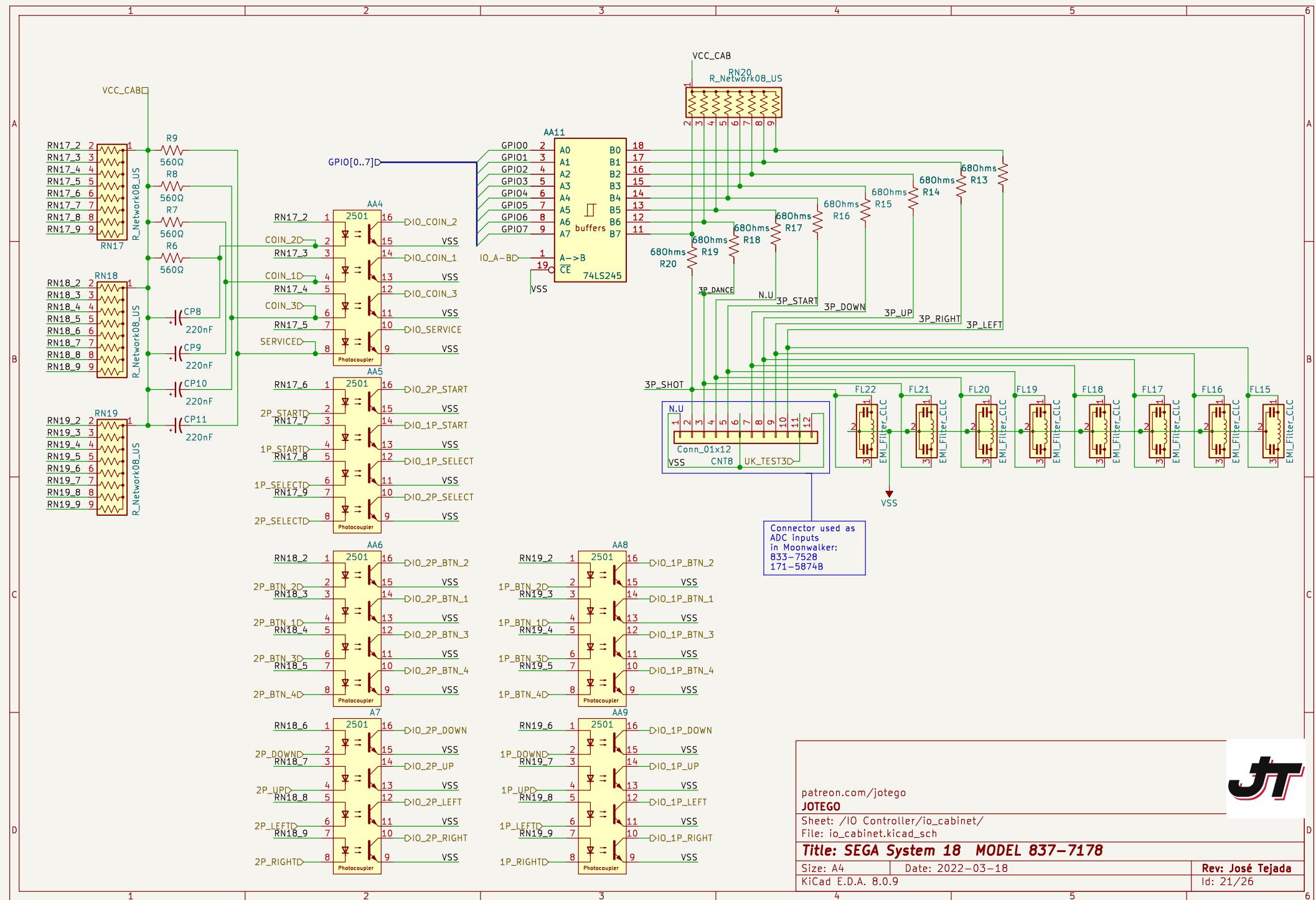


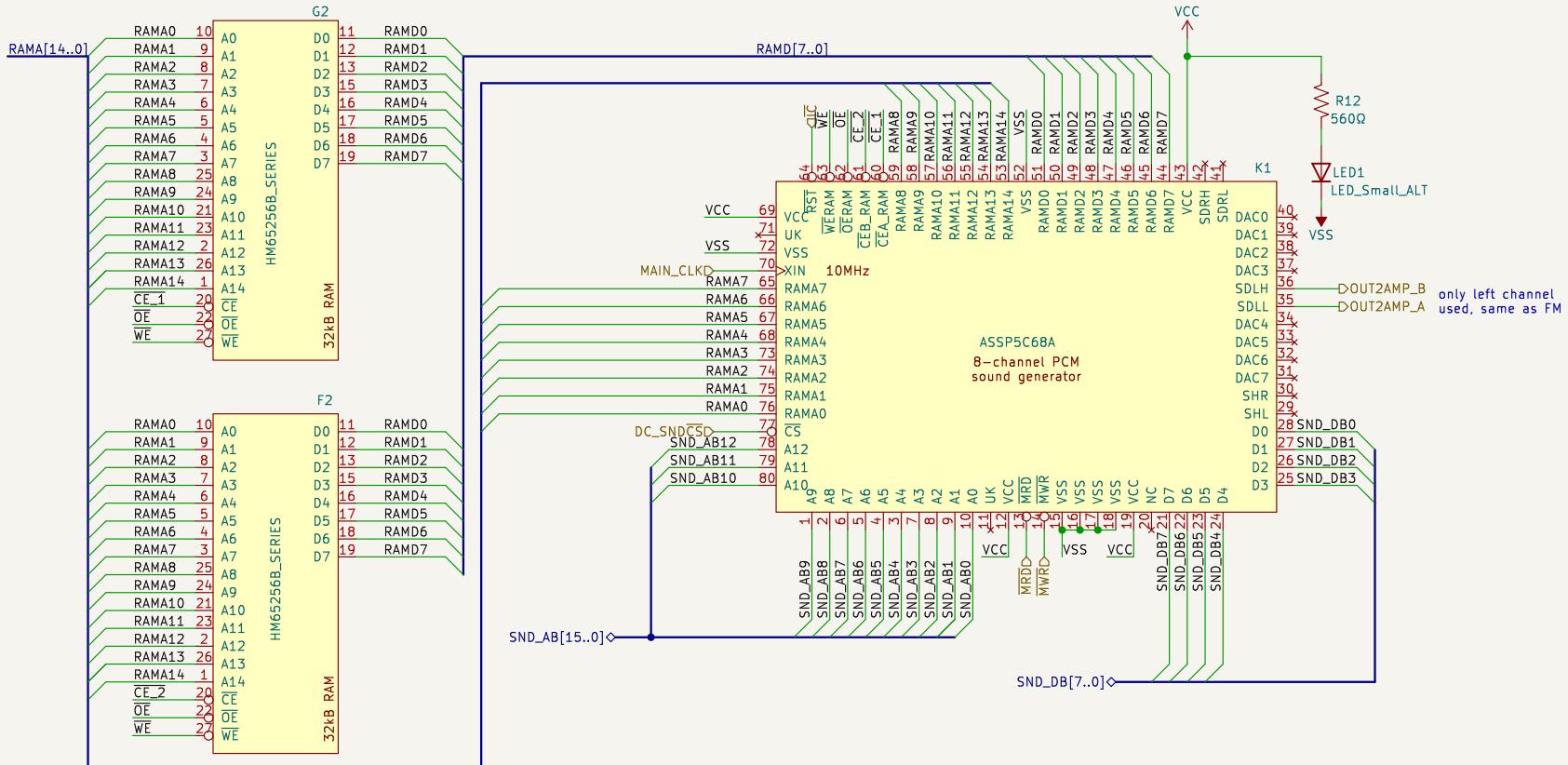


# MOTHER AND DAUGHTER PCB CONNECTORS









## PCM sound generator

[patreon.com/jotego](https://patreon.com/jotego)**JOTEGO**

Sheet: /Sound/PCM/

File: comm\_snd.kicad\_sch

**Title: SEGA System 18 MODEL 837-7178**

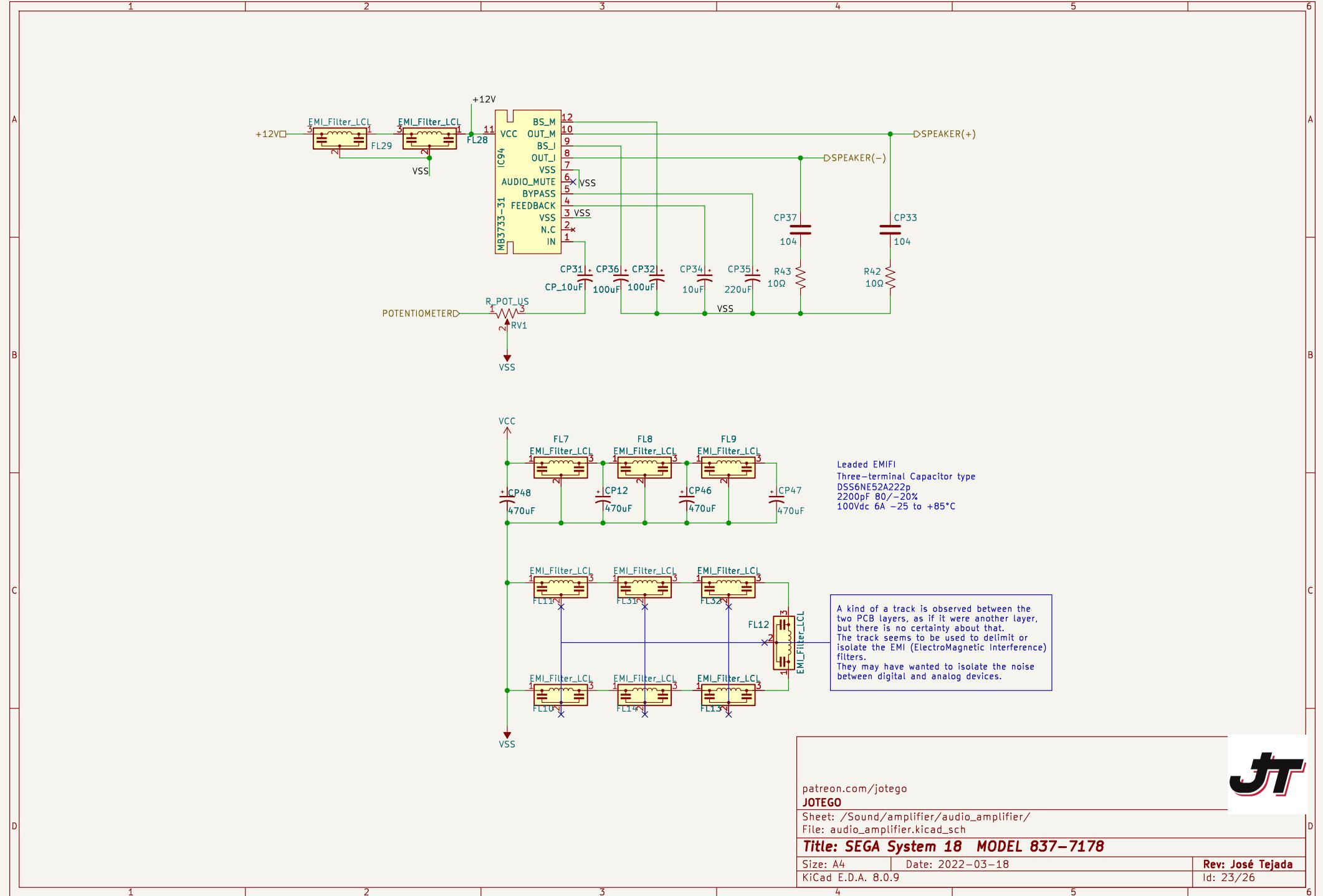
Size: A4 Date: 2022-03-18

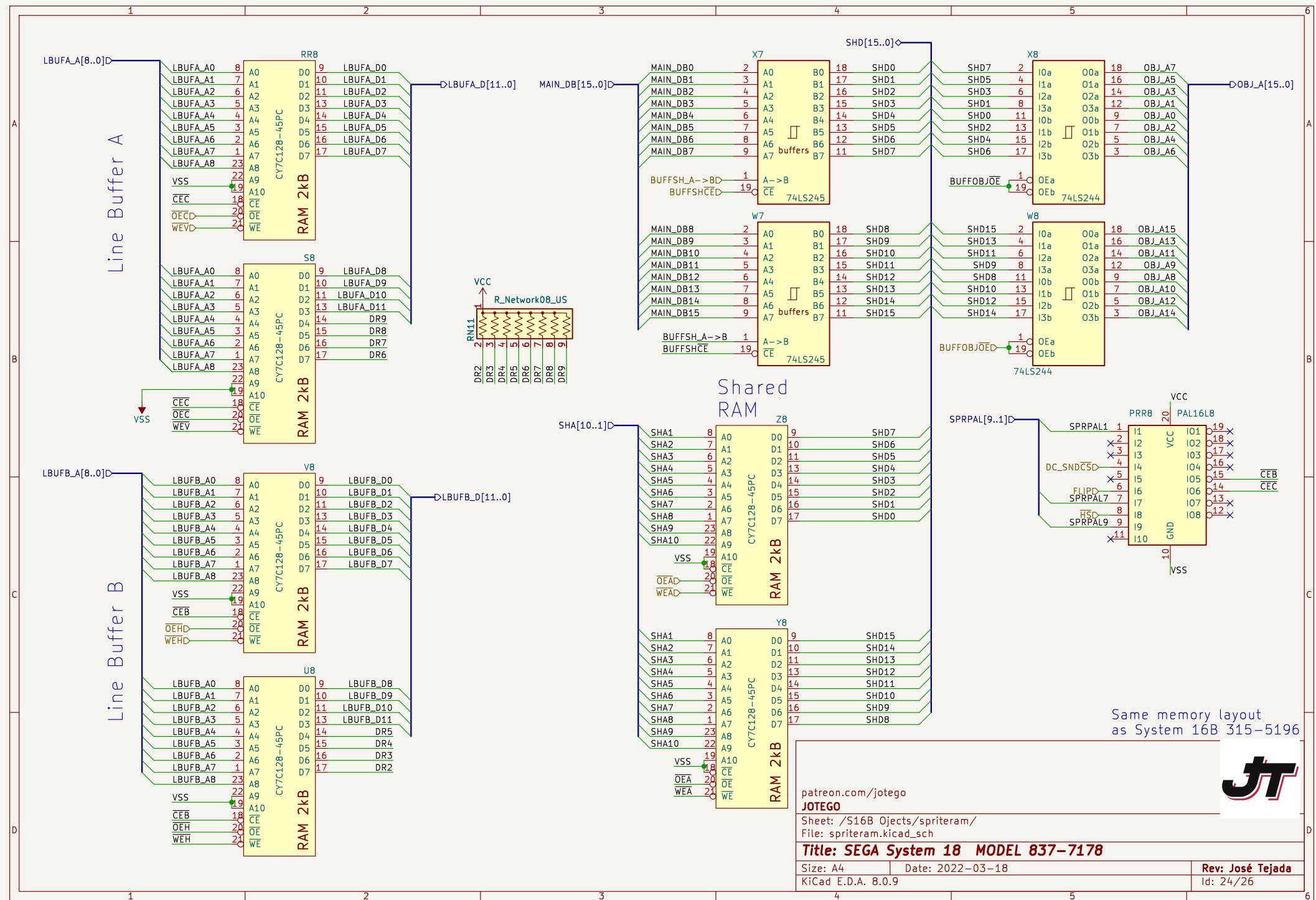
KiCad E.D.A. 8.0.9

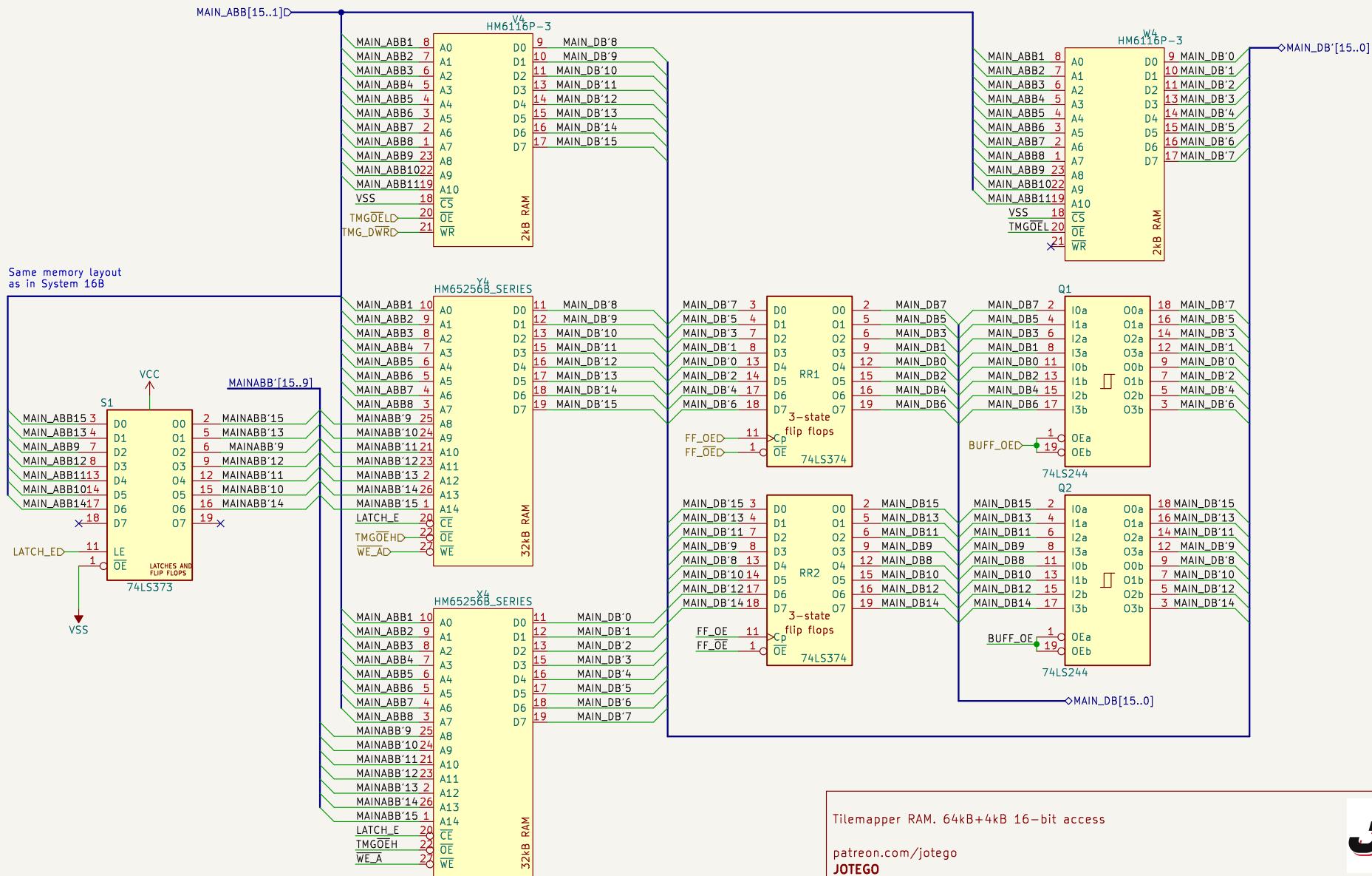


Rev: José Tejada

Id: 22/26







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

[patreon.com/jotego](https://patreon.com/jotego)

JOTEGO

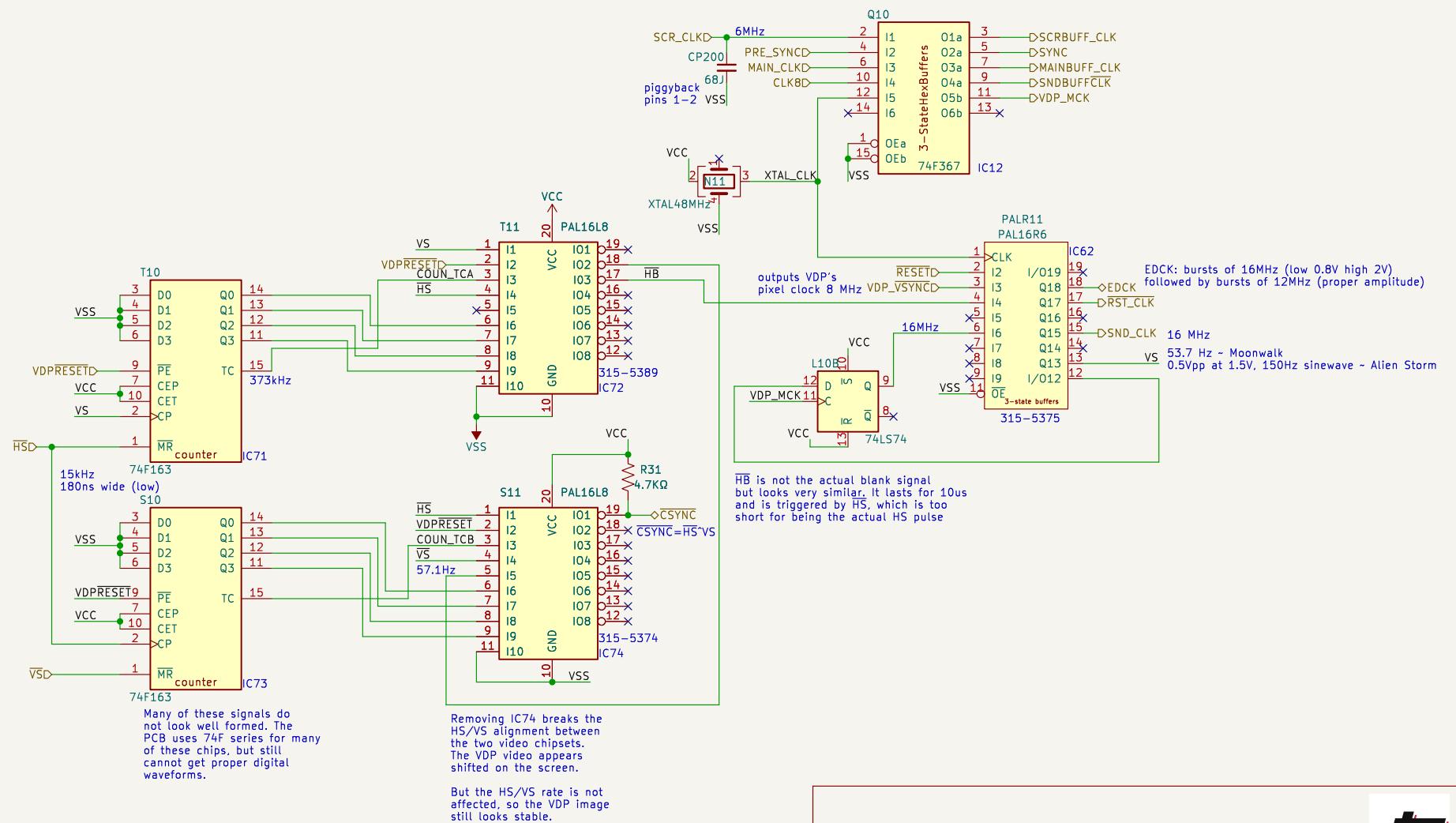
Sheet: /S16B Scroll/tilemapg\_ram/  
File: tilemapg\_ram.kicad\_sch

**Title: SEGA System 18 MODEL 837-7178**

Size: A4 Date: 2022-03-18

KiCad E.D.A. 8.0.9





VDP pixel clock and csync generation  
[patreon.com/jotego](https://patreon.com/jotego)

JOTEGO

Sheet: /Video Sync/  
File: buffers.kicad\_sch

Title: SEGA System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18

KiCad E.D.A. 8.0.9



Rev: José Tejada

Id: 26/26