

A

A

B

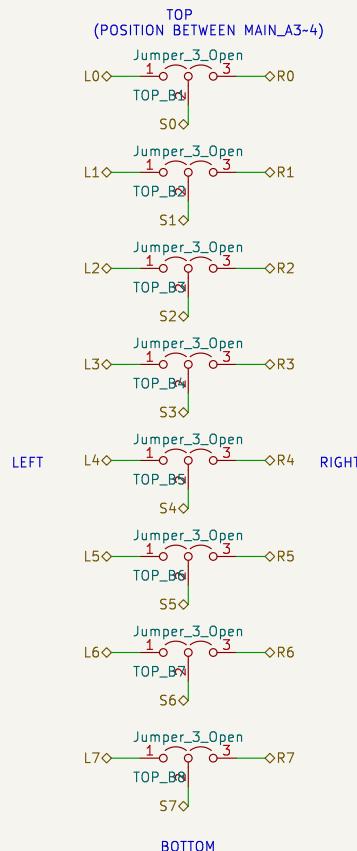
B

C

C

D

D



patreon.com/joteqo

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

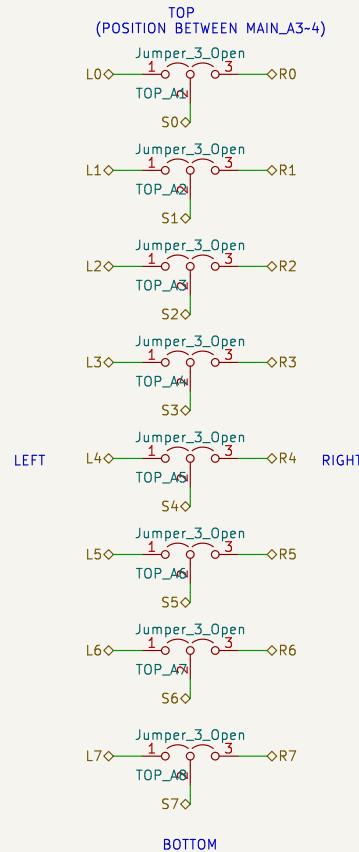
B

C

C

D

D



patreon.com/jotego
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

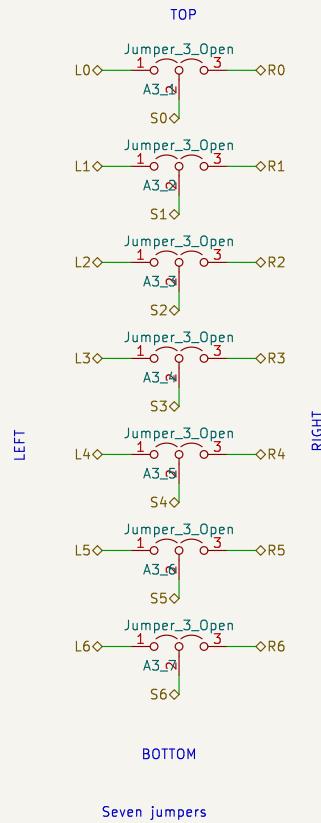
A

B

B

C

C



patreon.com/joteqo

JOTEGO

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

Title: SEGA System 18 MODEL 837-7178

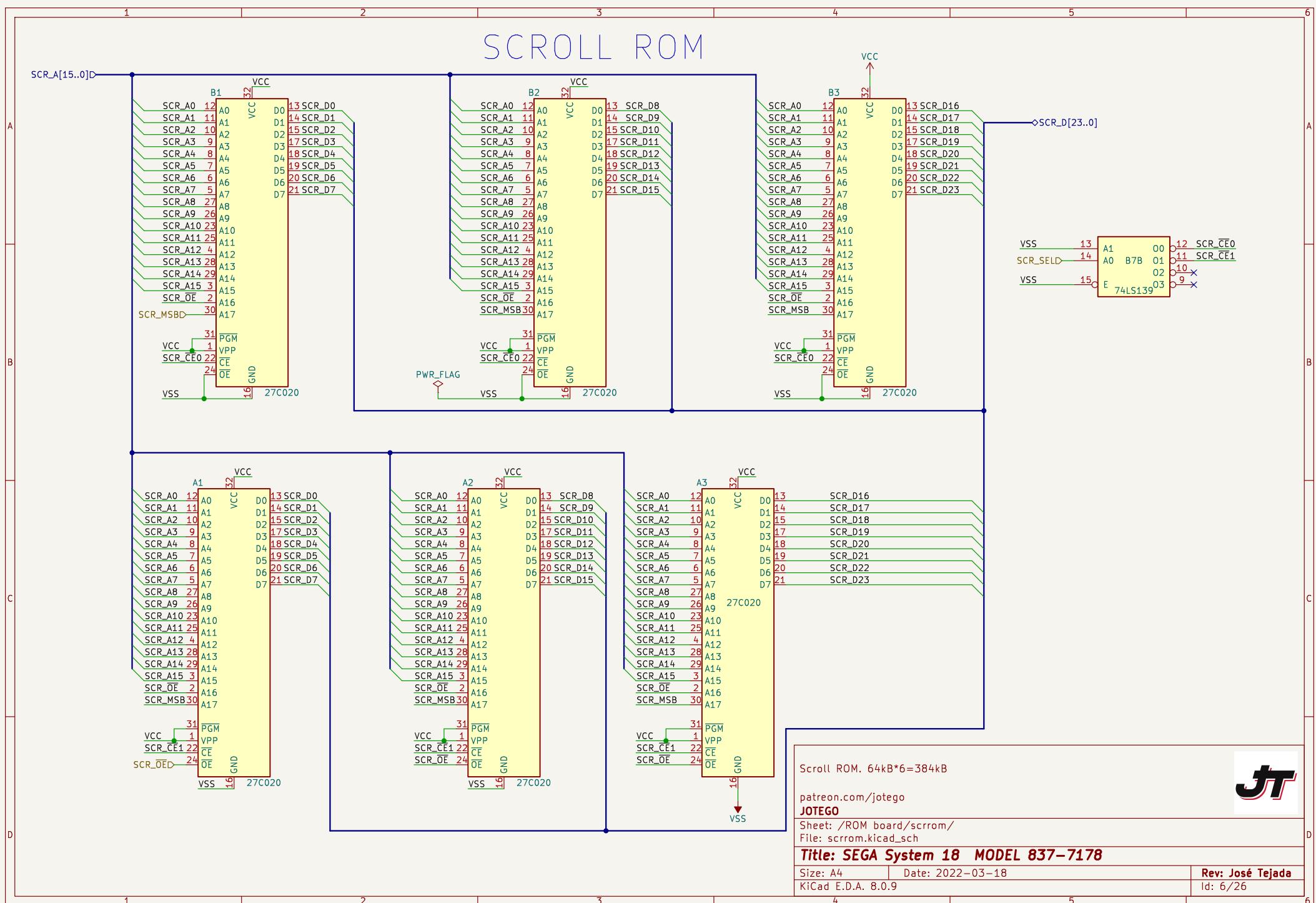
Size: A4 Date: 2022-03-18

KiCad E.D.A. 8.0.9

Rev: José Tejada

Id: 5/26

SCROLL ROM



Scroll ROM. 64kB*6=384kB

patreon.com/jotego

JOTEGO

Sheet: /ROM board/scrrom/

File: scrrom.kicad_sch

Title: SEGA System 18 MODEL 837-7178

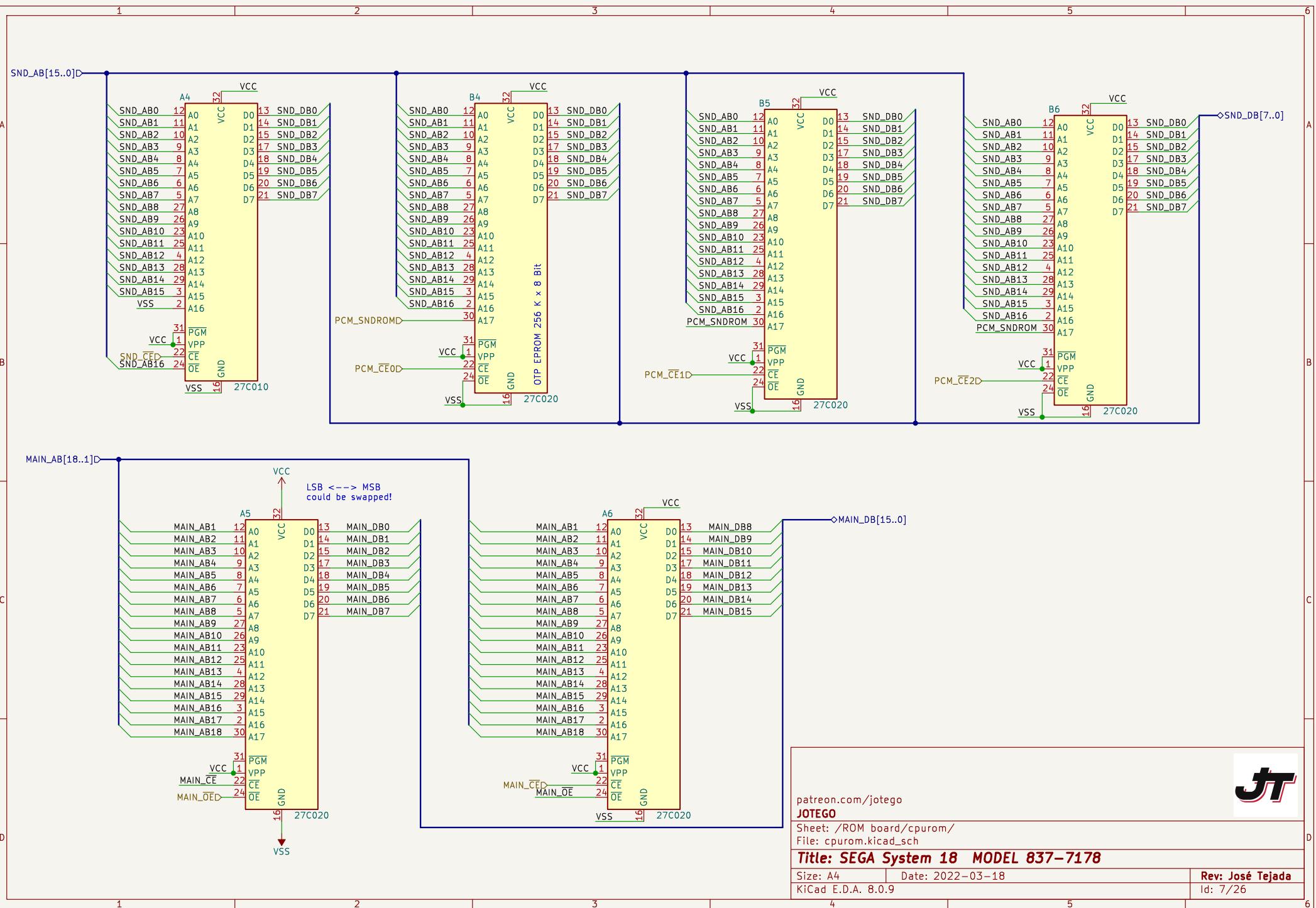
Size: A4 Date: 2022-03-18

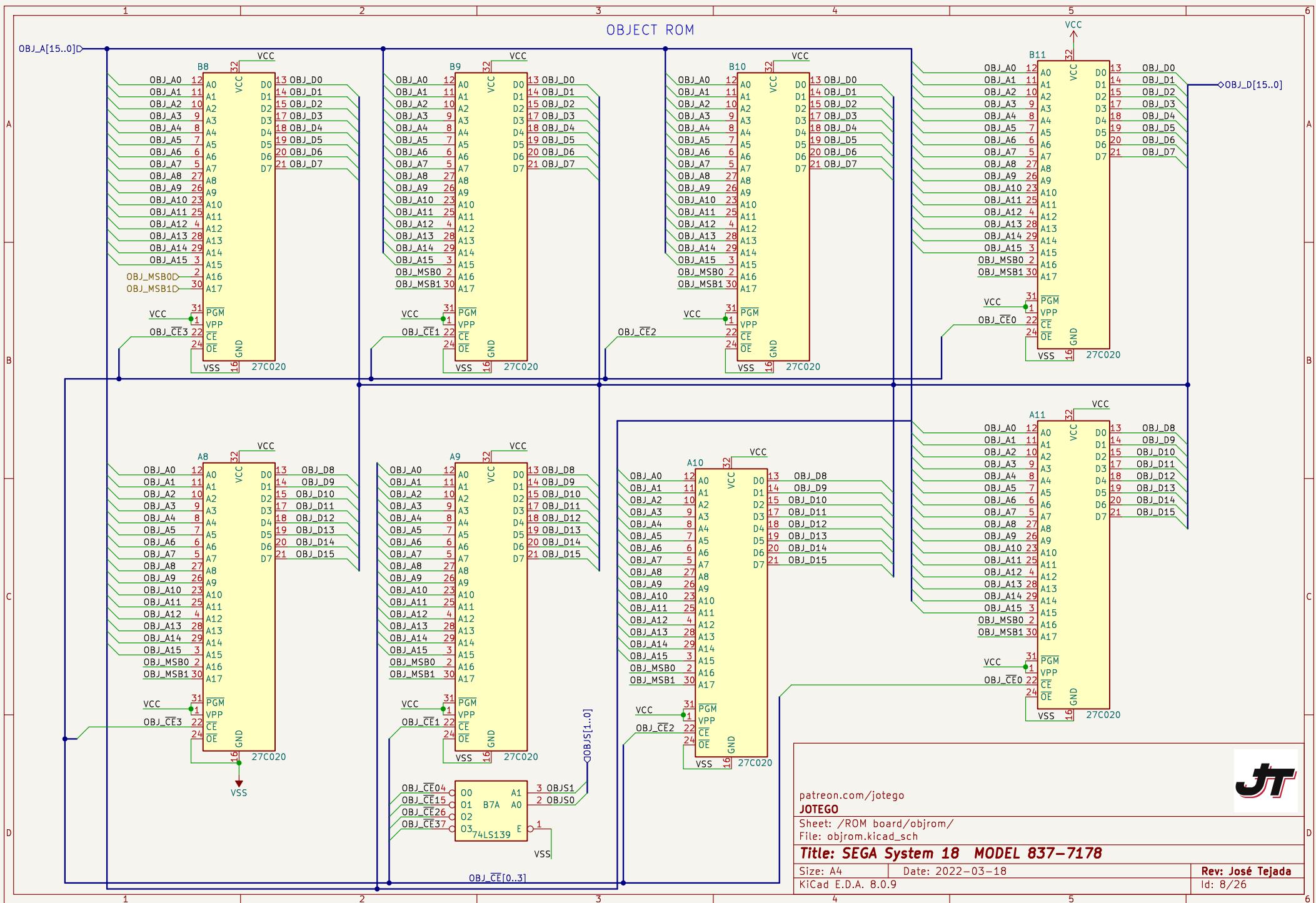
KiCad E.D.A. 8.0.9

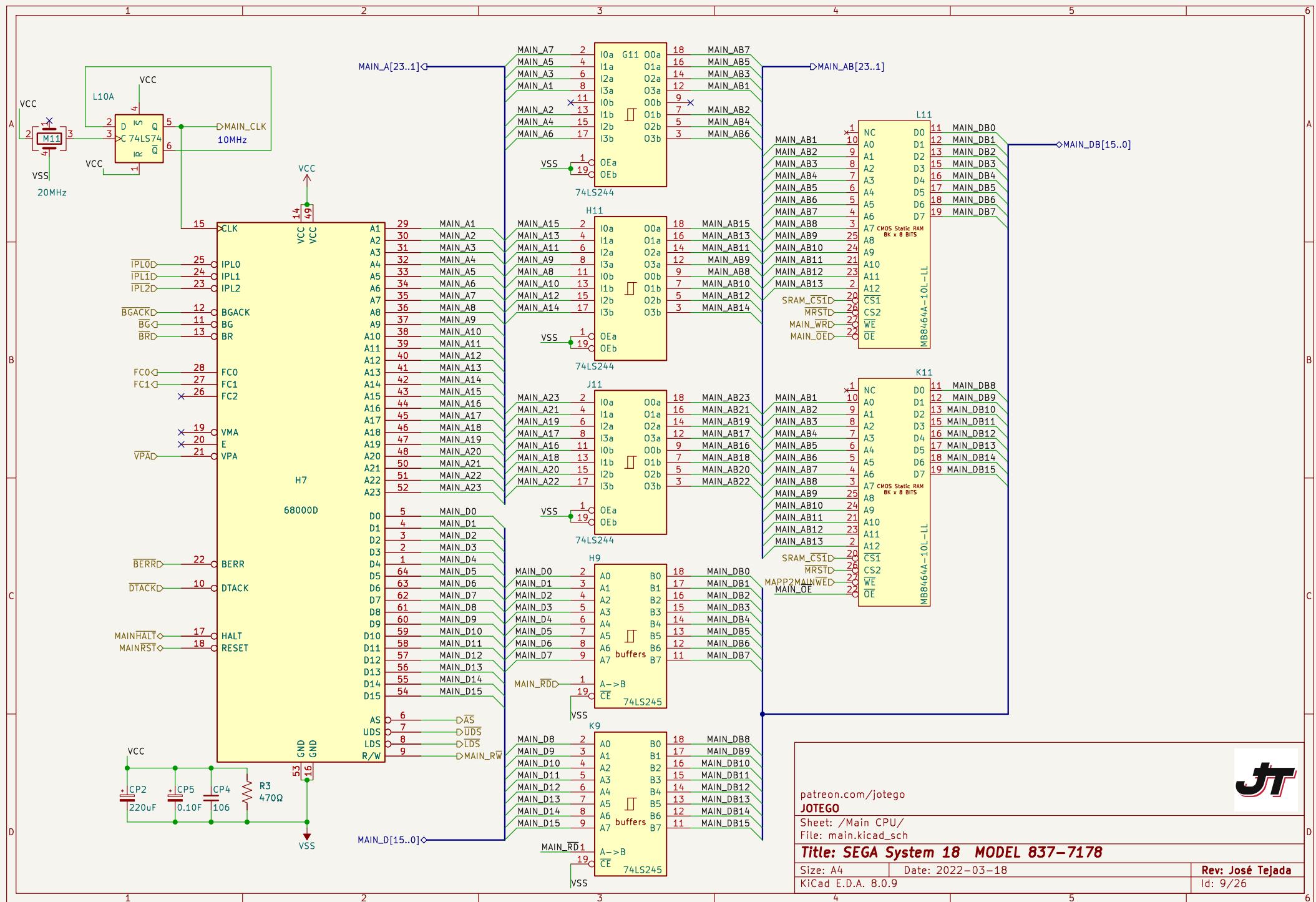


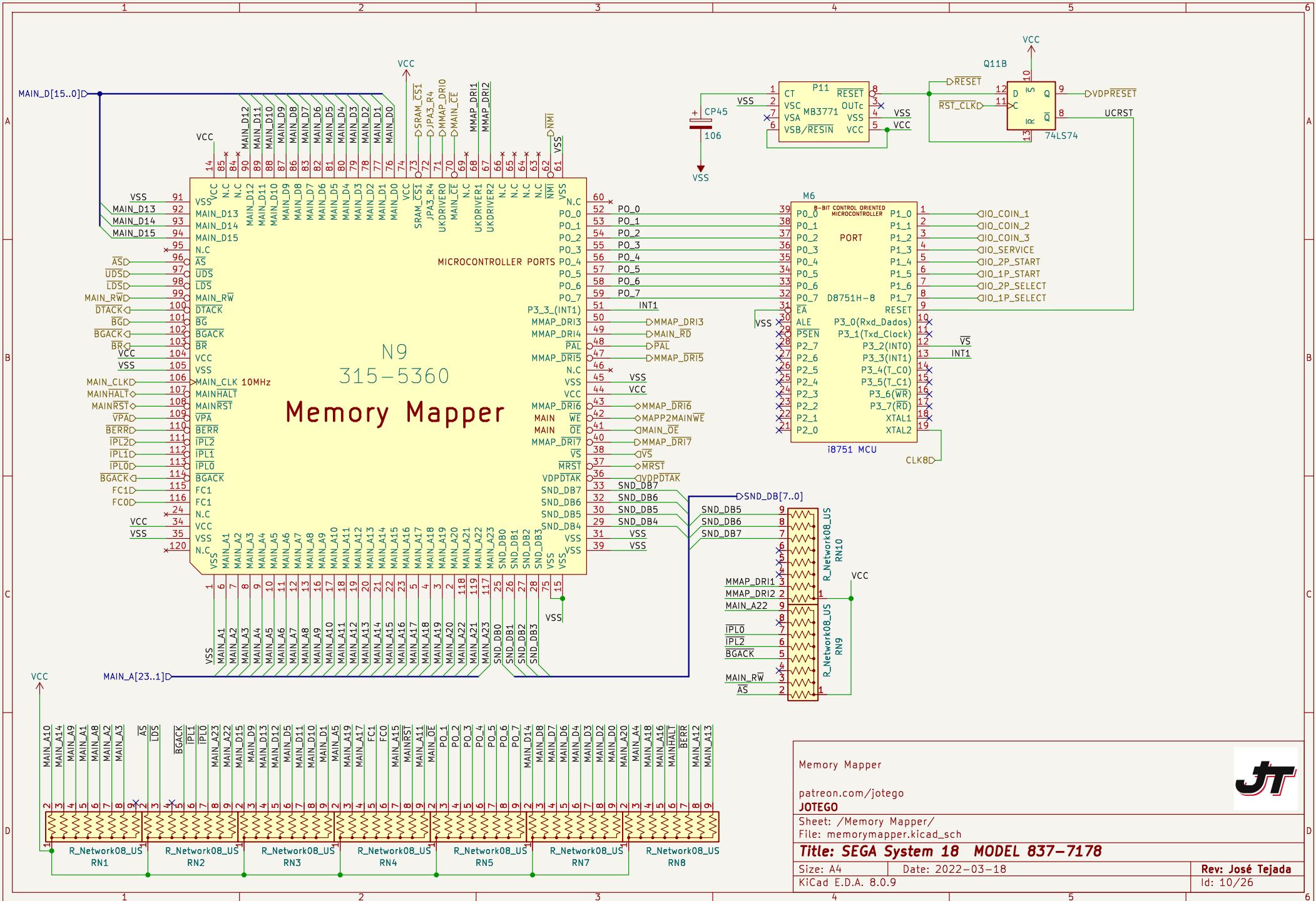
Rev: José Tejada

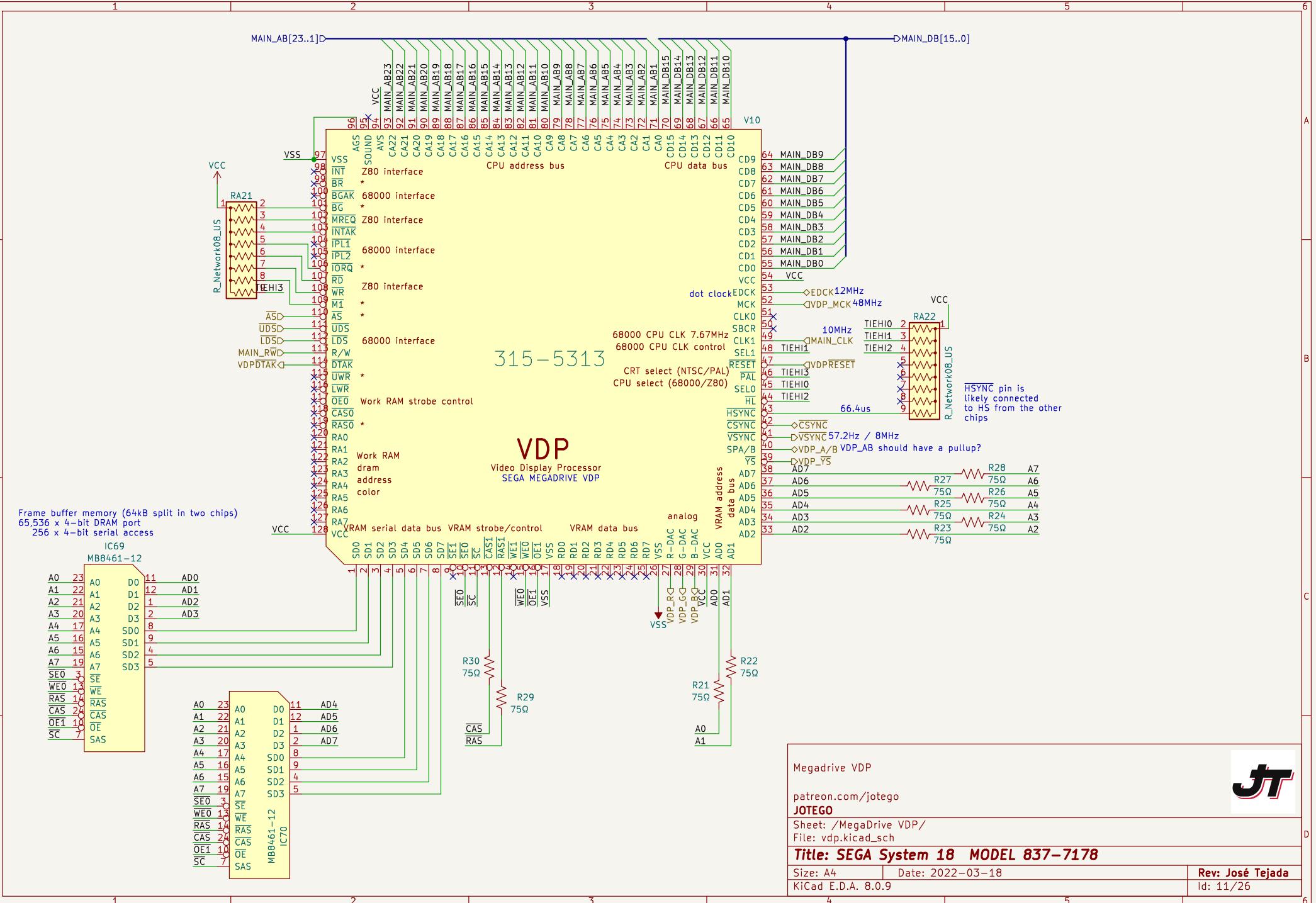
Id: 6/26

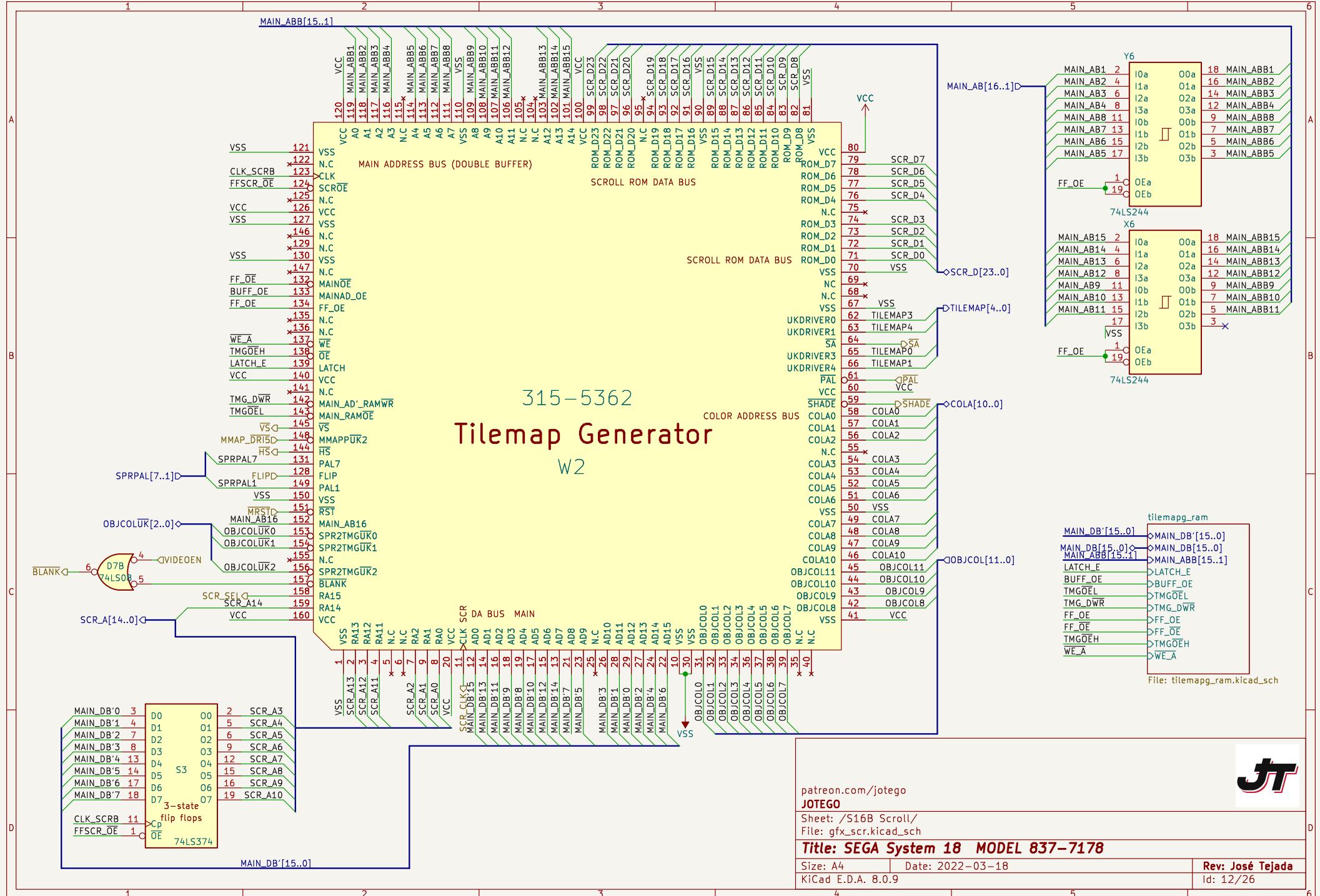


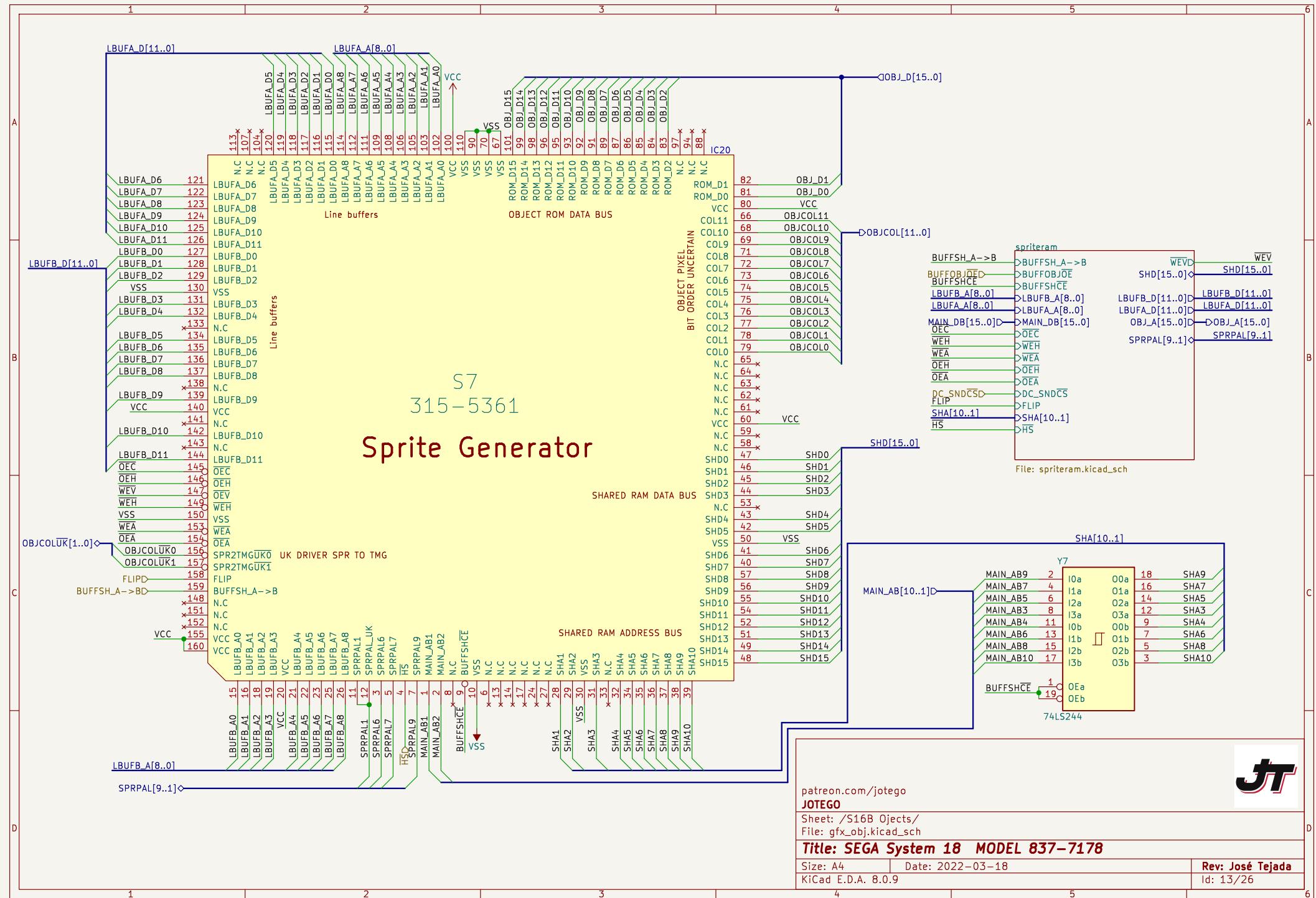


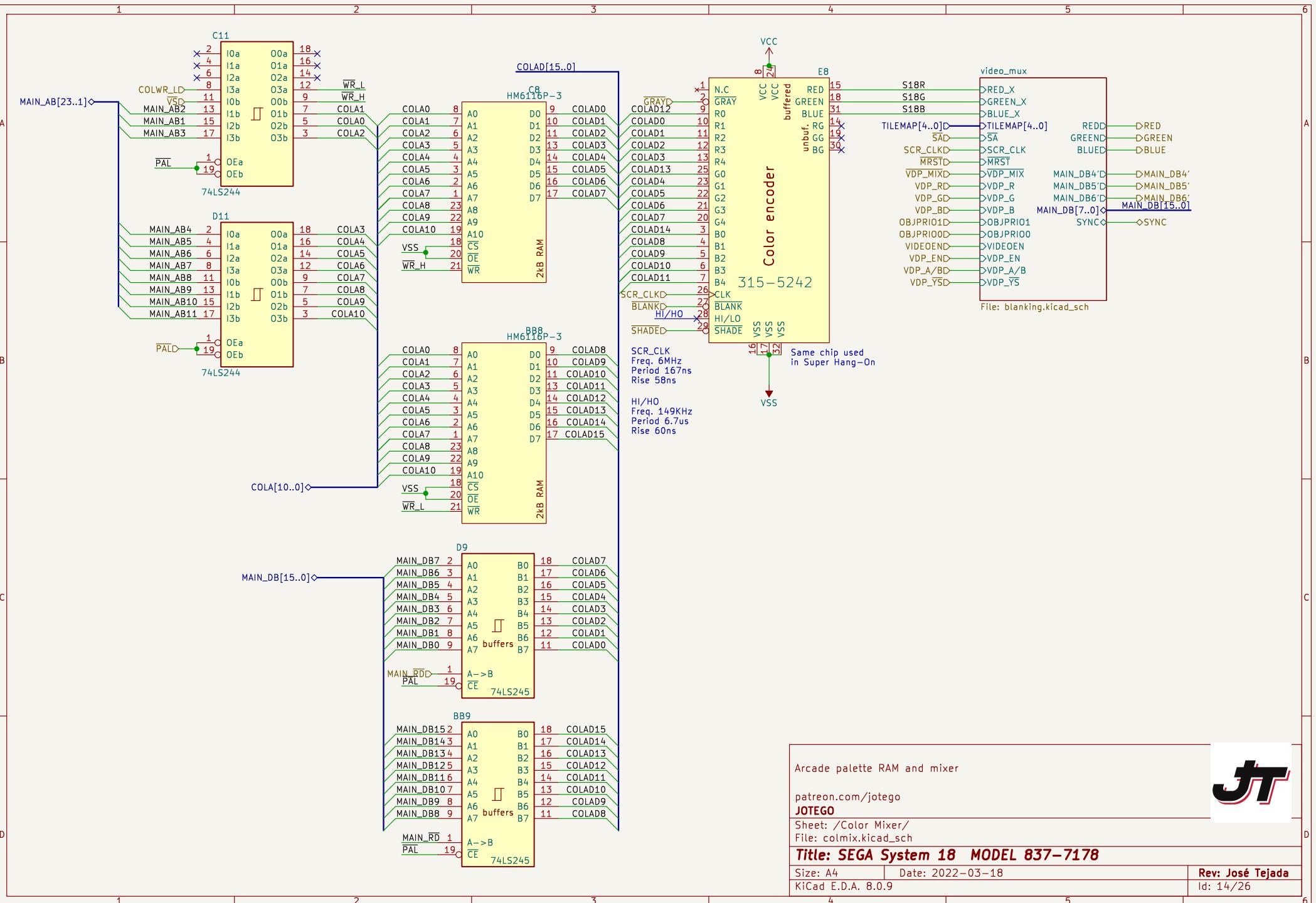


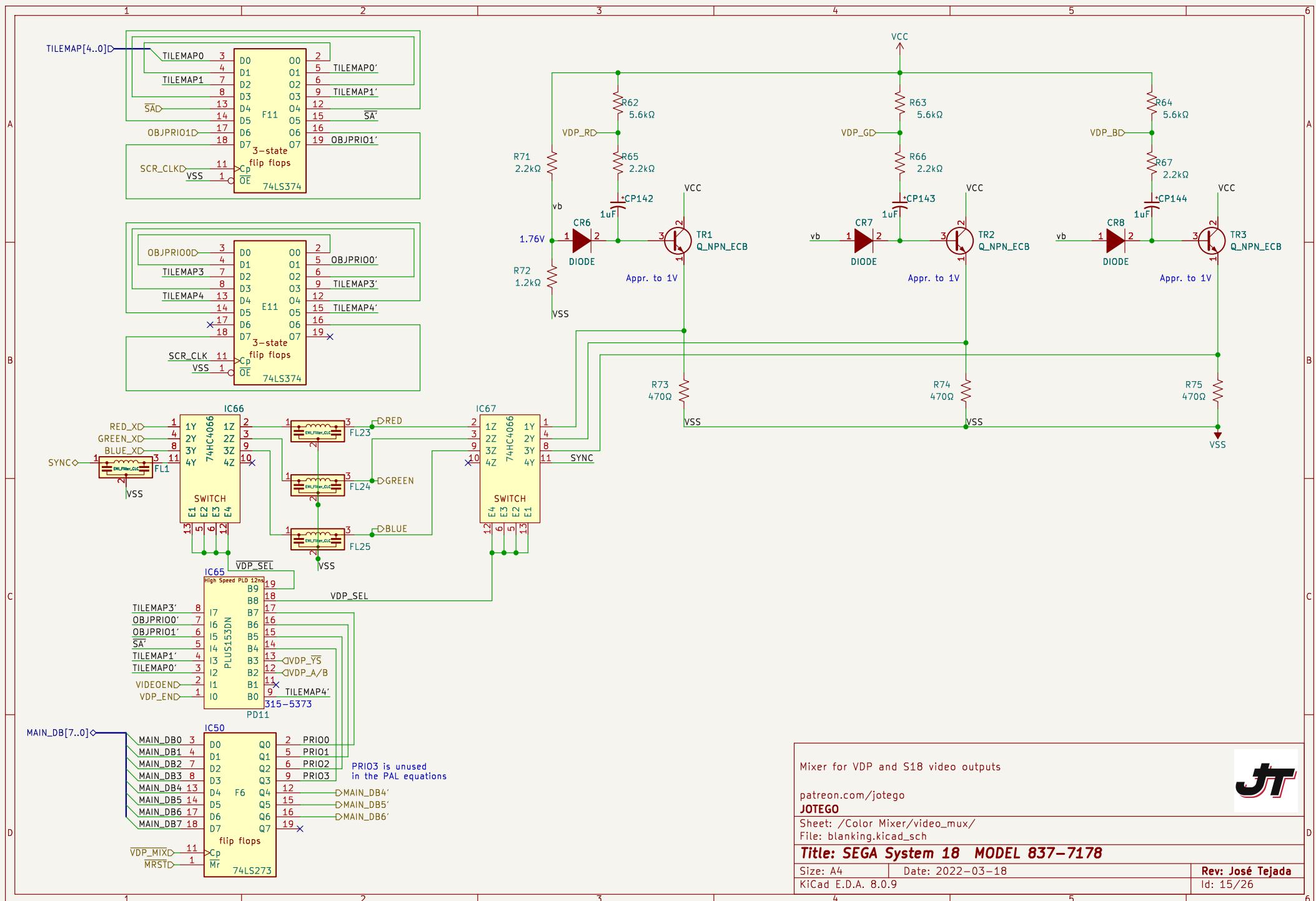




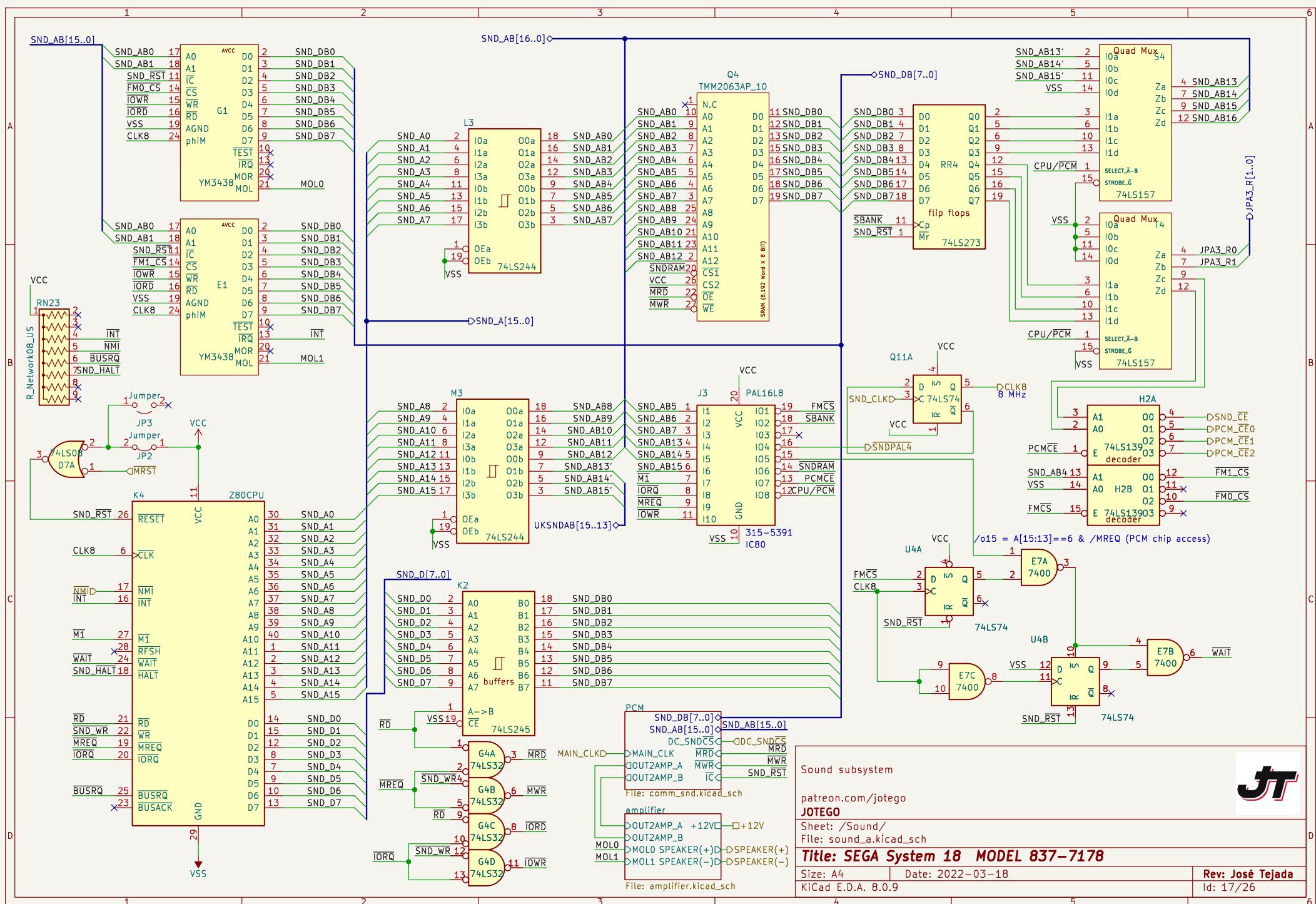


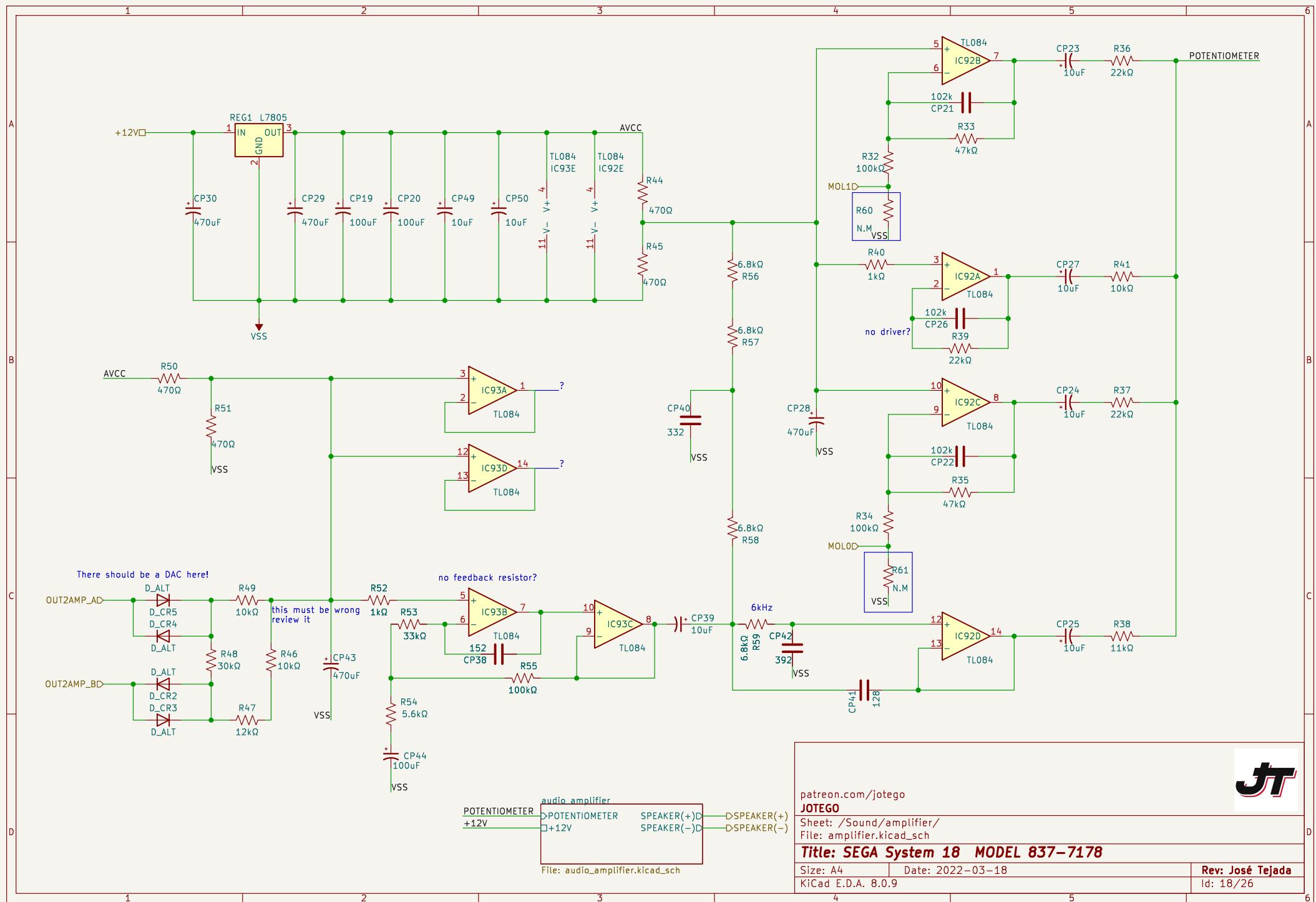




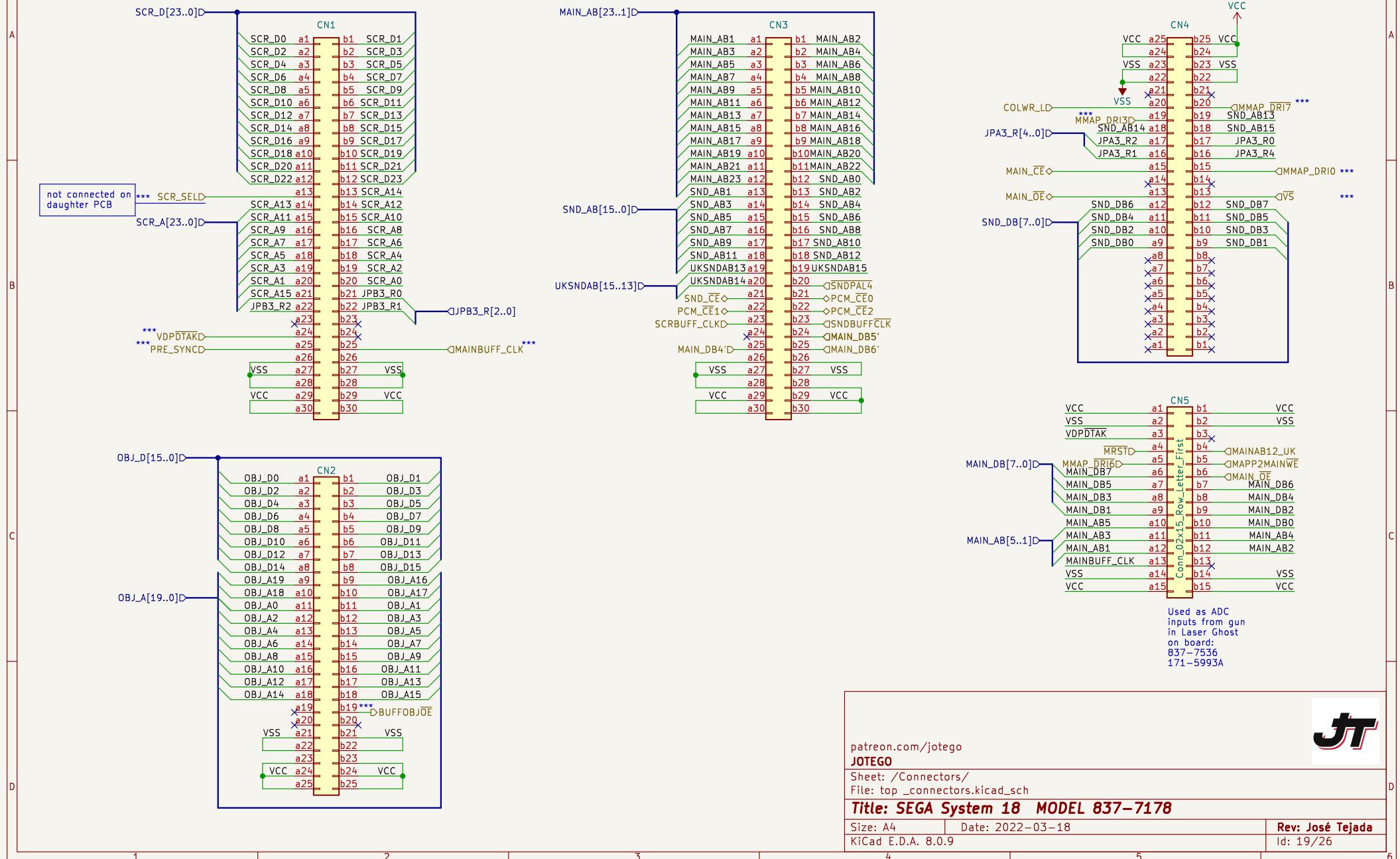


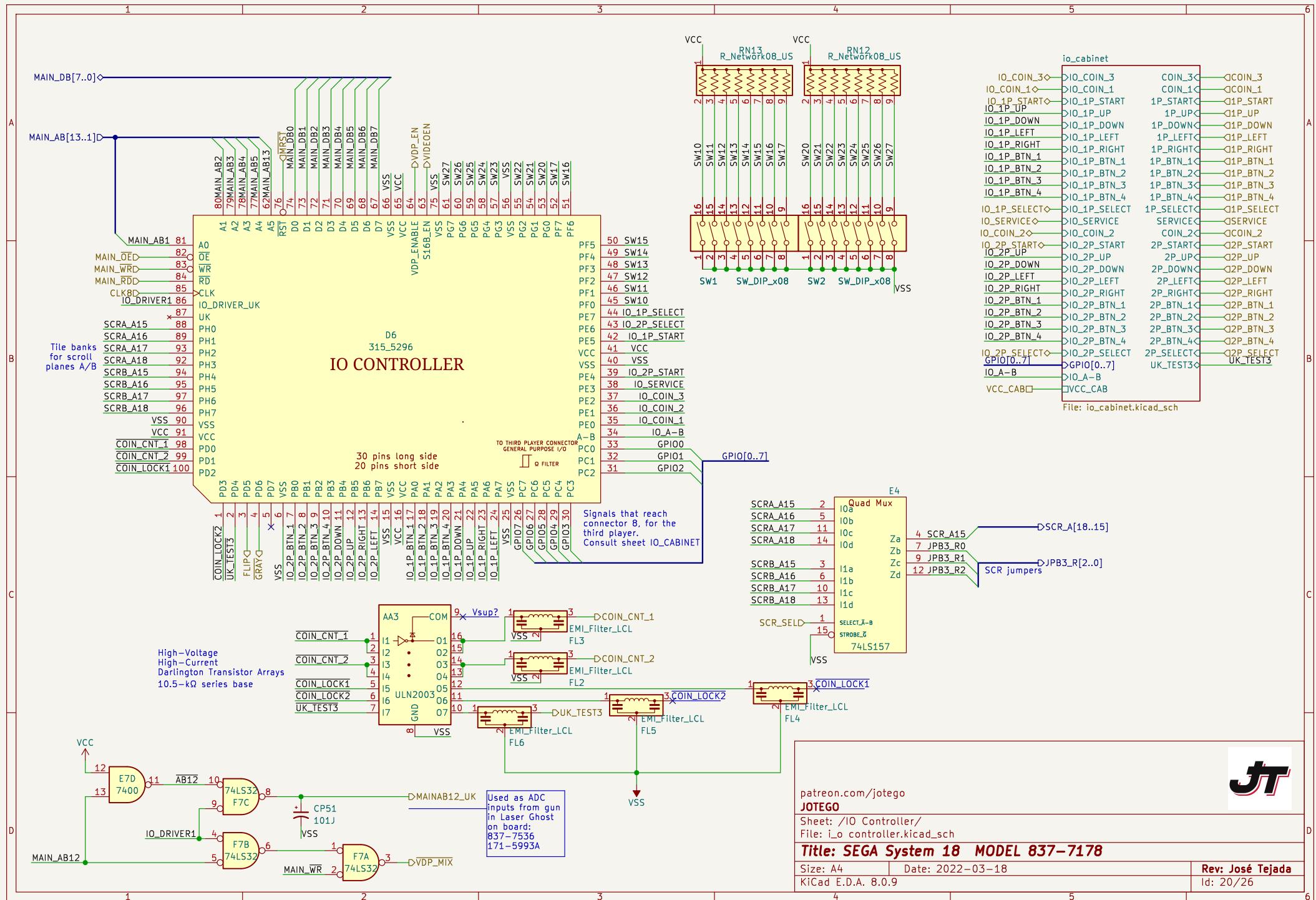


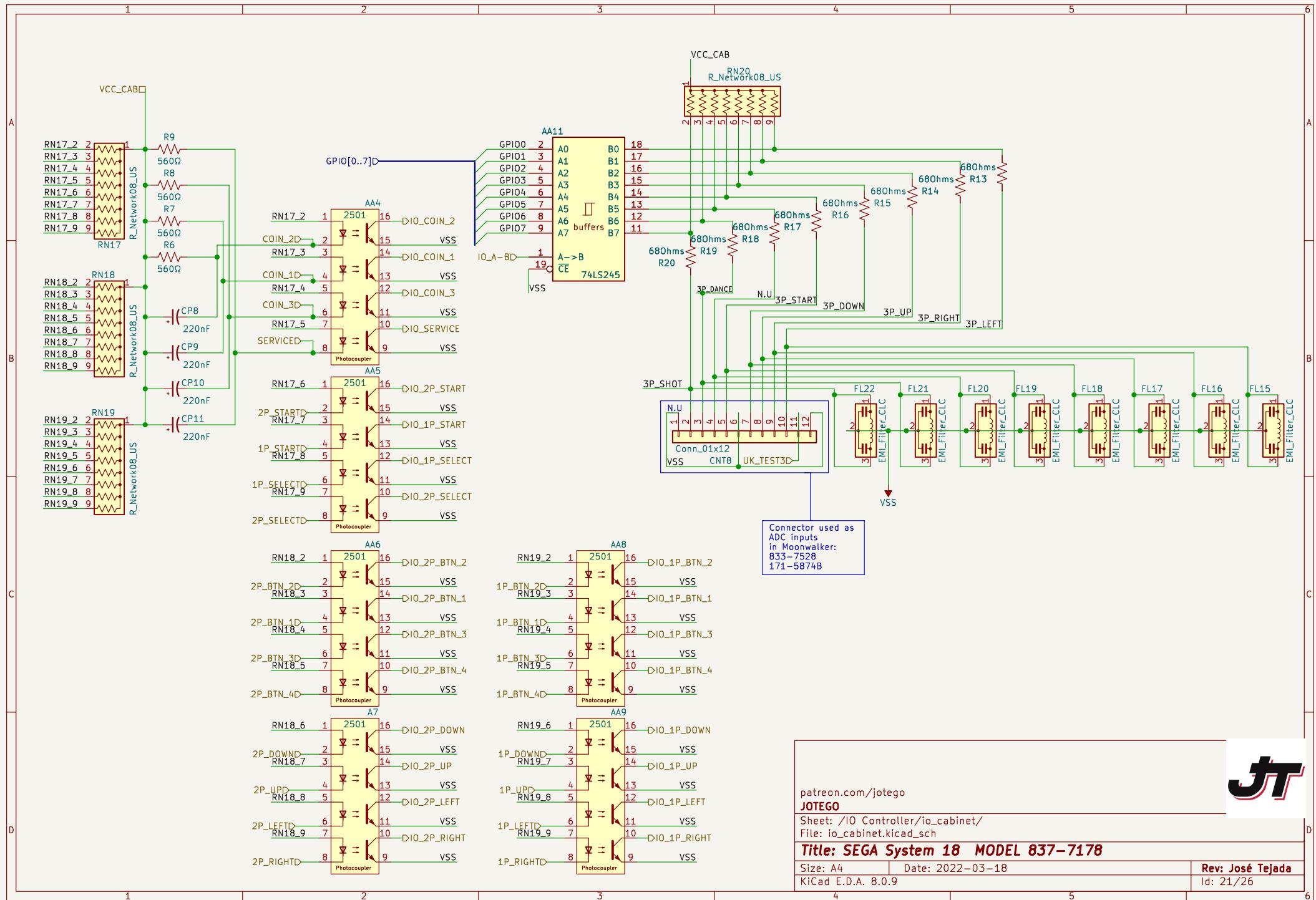


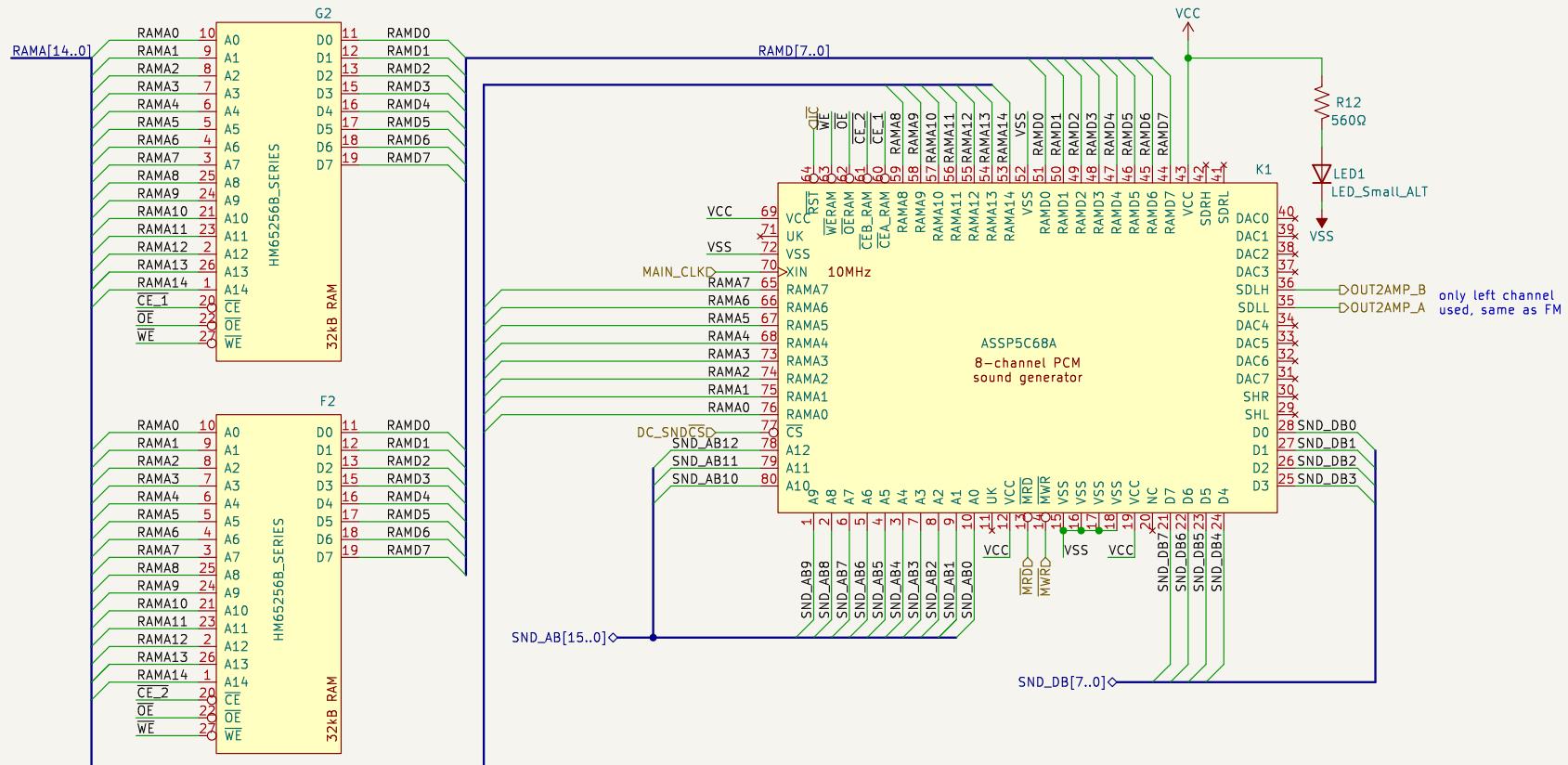


MOTHER AND DAUGHTER PCB CONNECTORS









PCM sound generator

patreon.com/joteq

JOTEGO

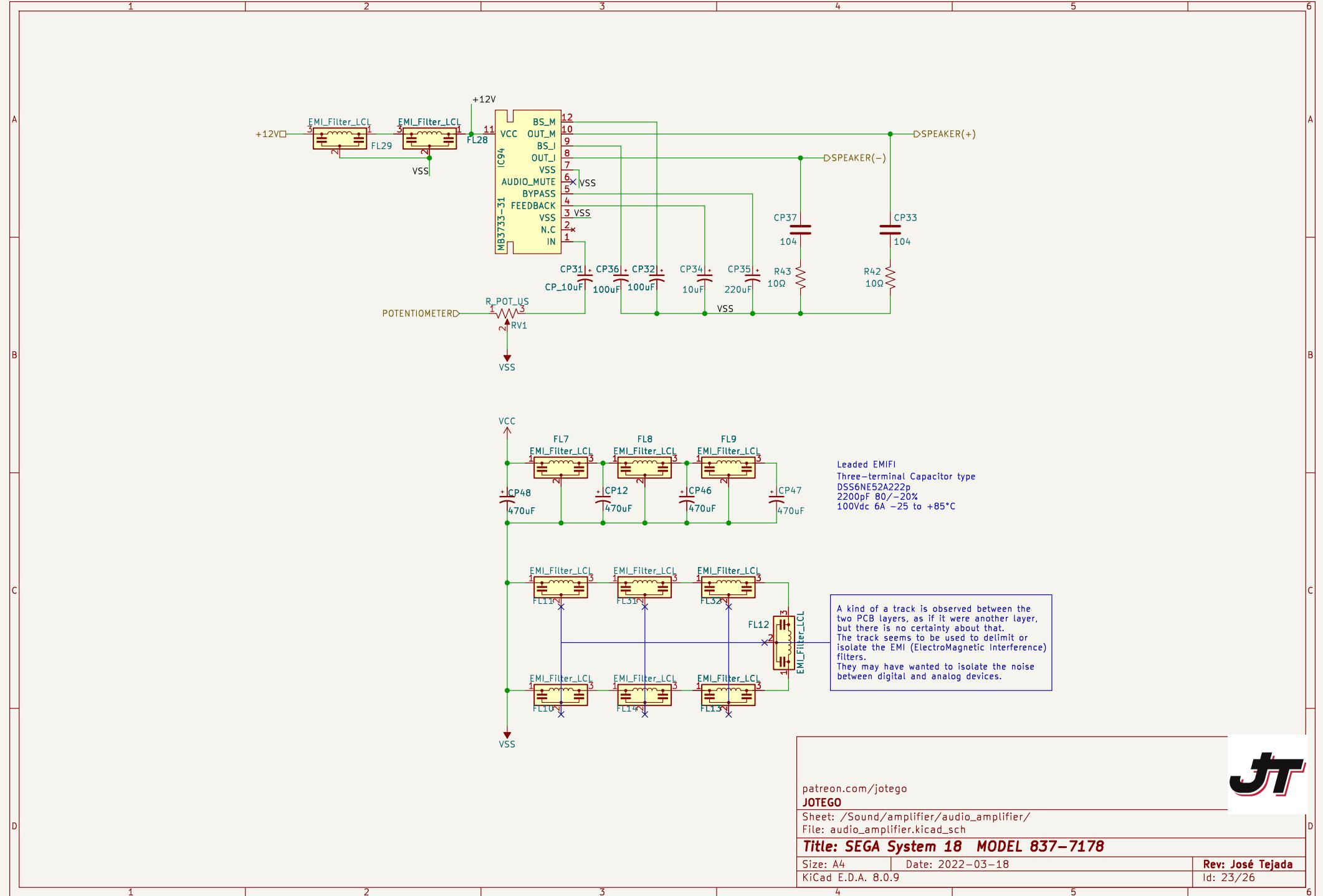
Sheet: /Sound/PCM/
File: comm_snd.kicad_sch

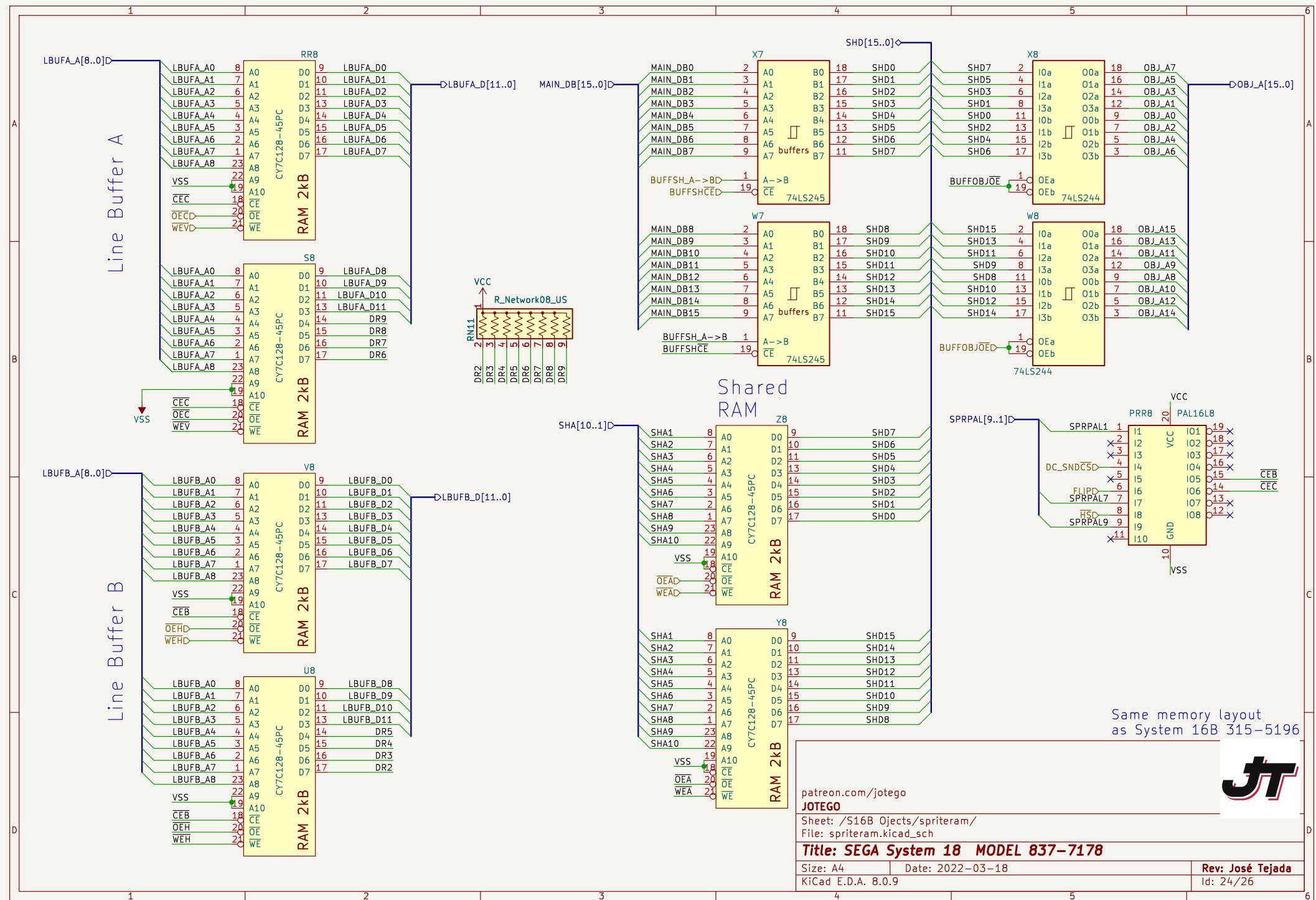
Title: SEGA System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18

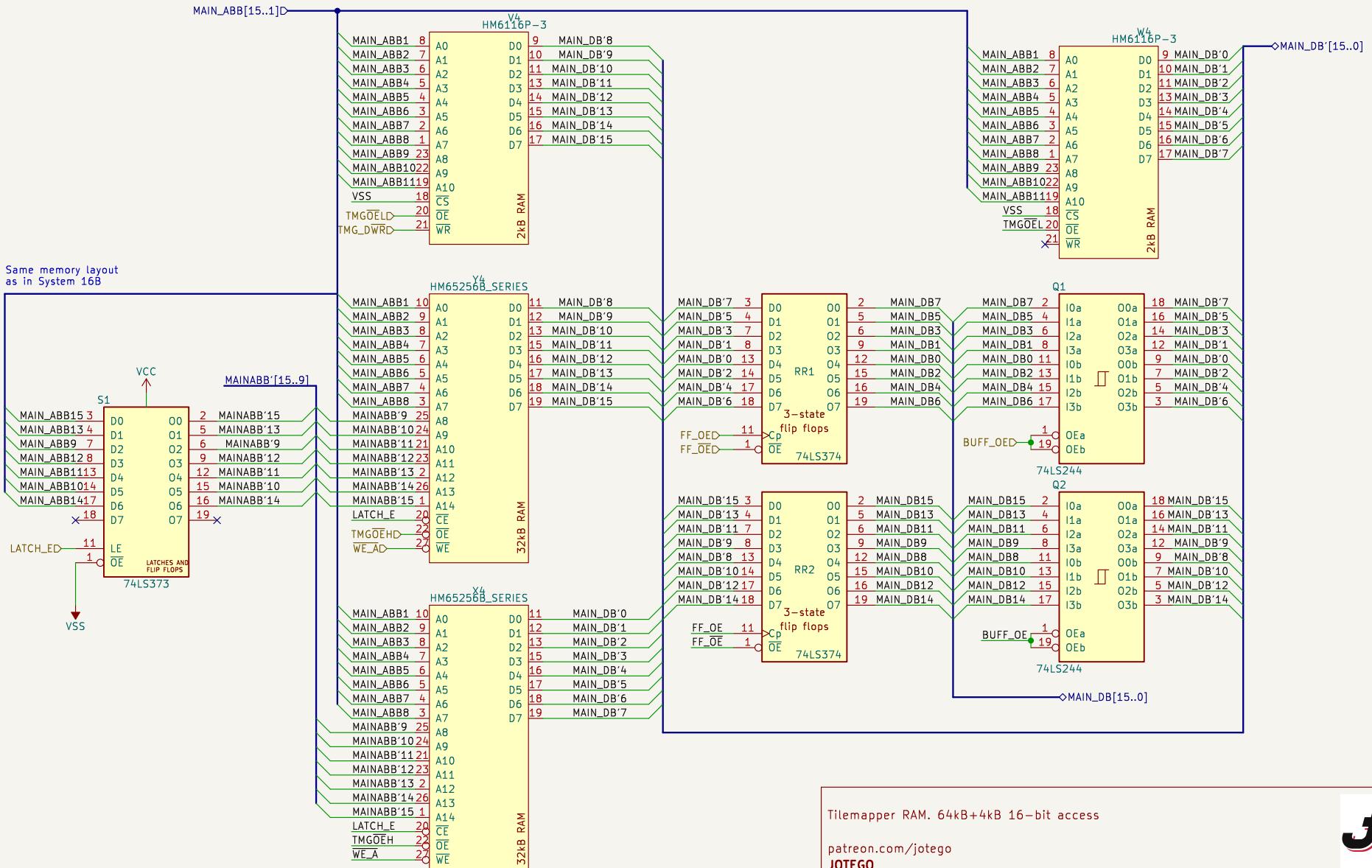
KiCad E.D.A. 8.0.9







1 2 3 4 5 6



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

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

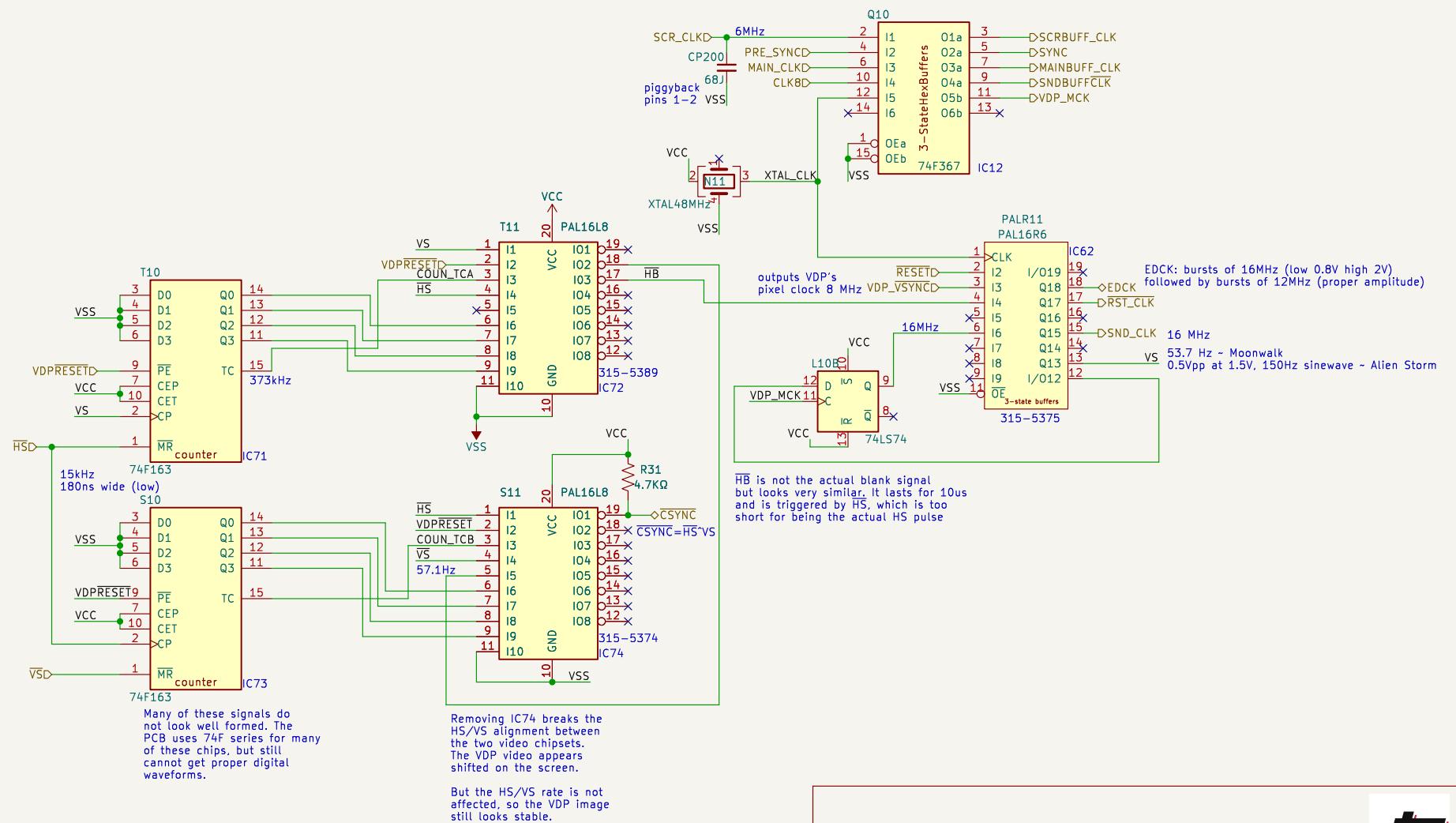
KiCad E.D.A. 8.0.9



Rev: José Tejada

Id: 25/26

1 2 3 4 5 6



VDP pixel clock and csync generation
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