

A

A

B

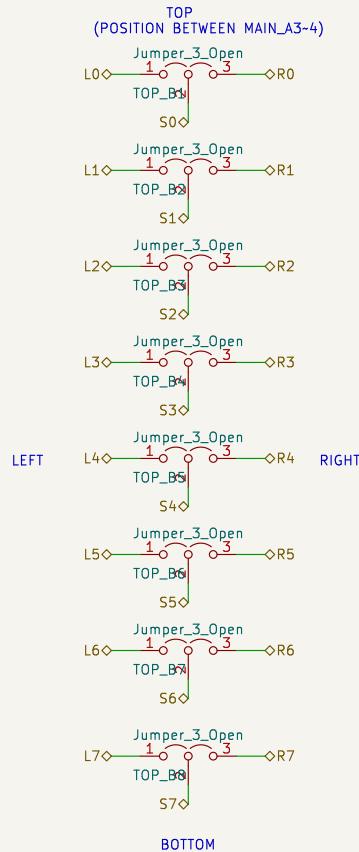
B

C

C

D

D



LEFT

RIGHT

BOTTOM

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. 8.0.6



Rev: José Tejada
Id: 3/26

A

A

B

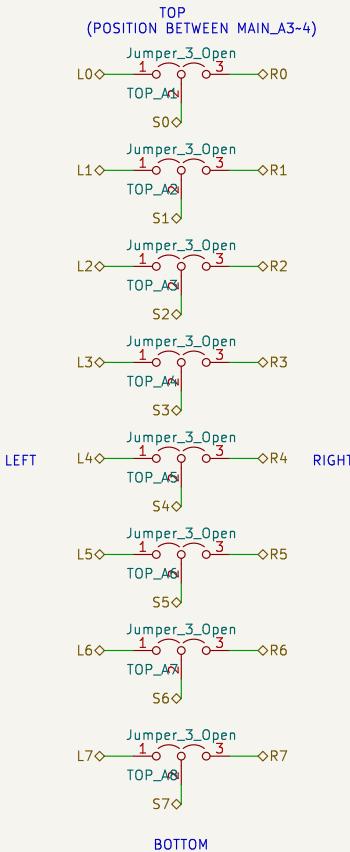
B

C

C

D

D



patreon.com/jotego
JOTEGO

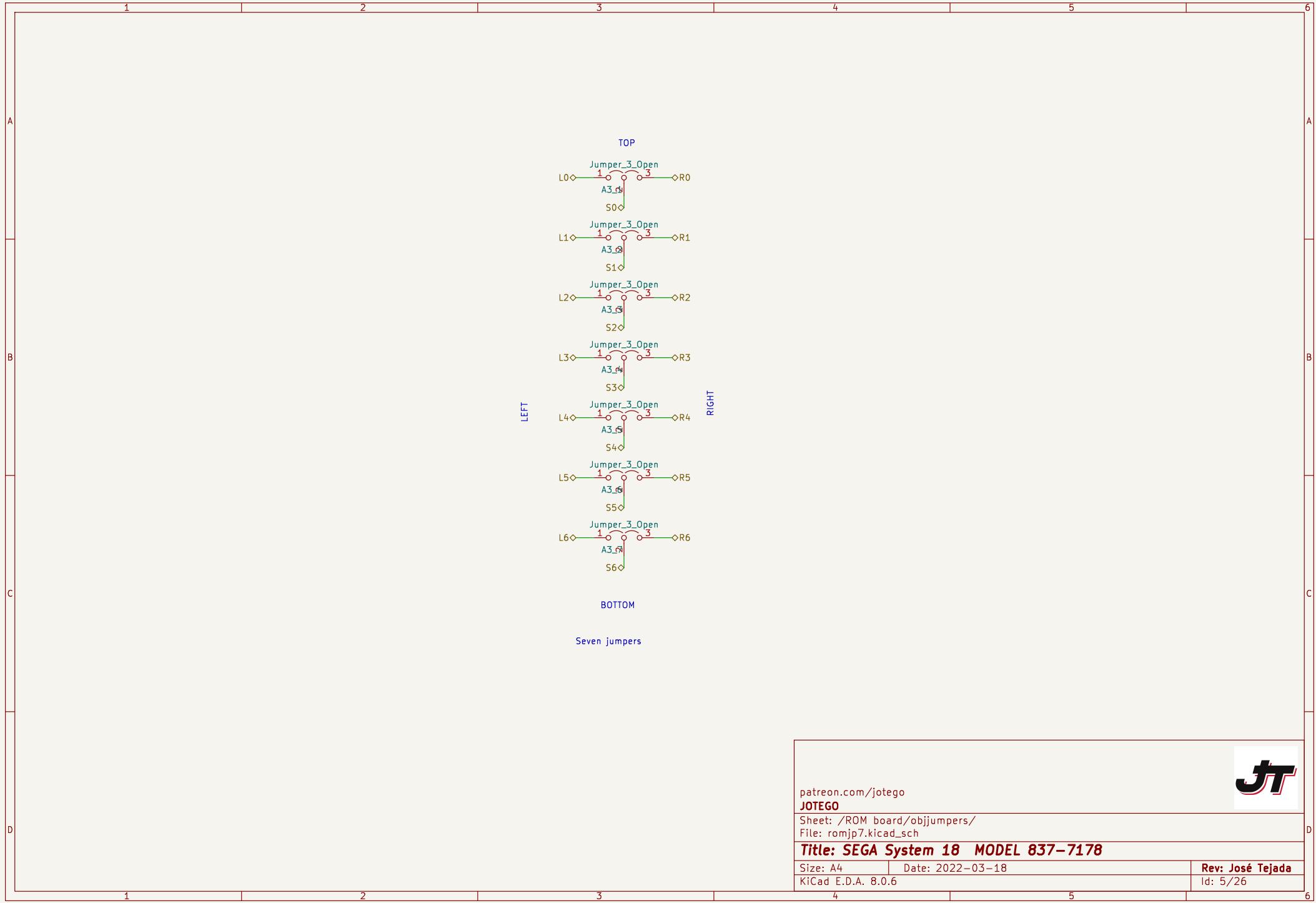
Sheet: /ROM board/sndjumpers/
 File: romjp.kicad_sch

Title: SEGA System 18 MODEL 837-7178

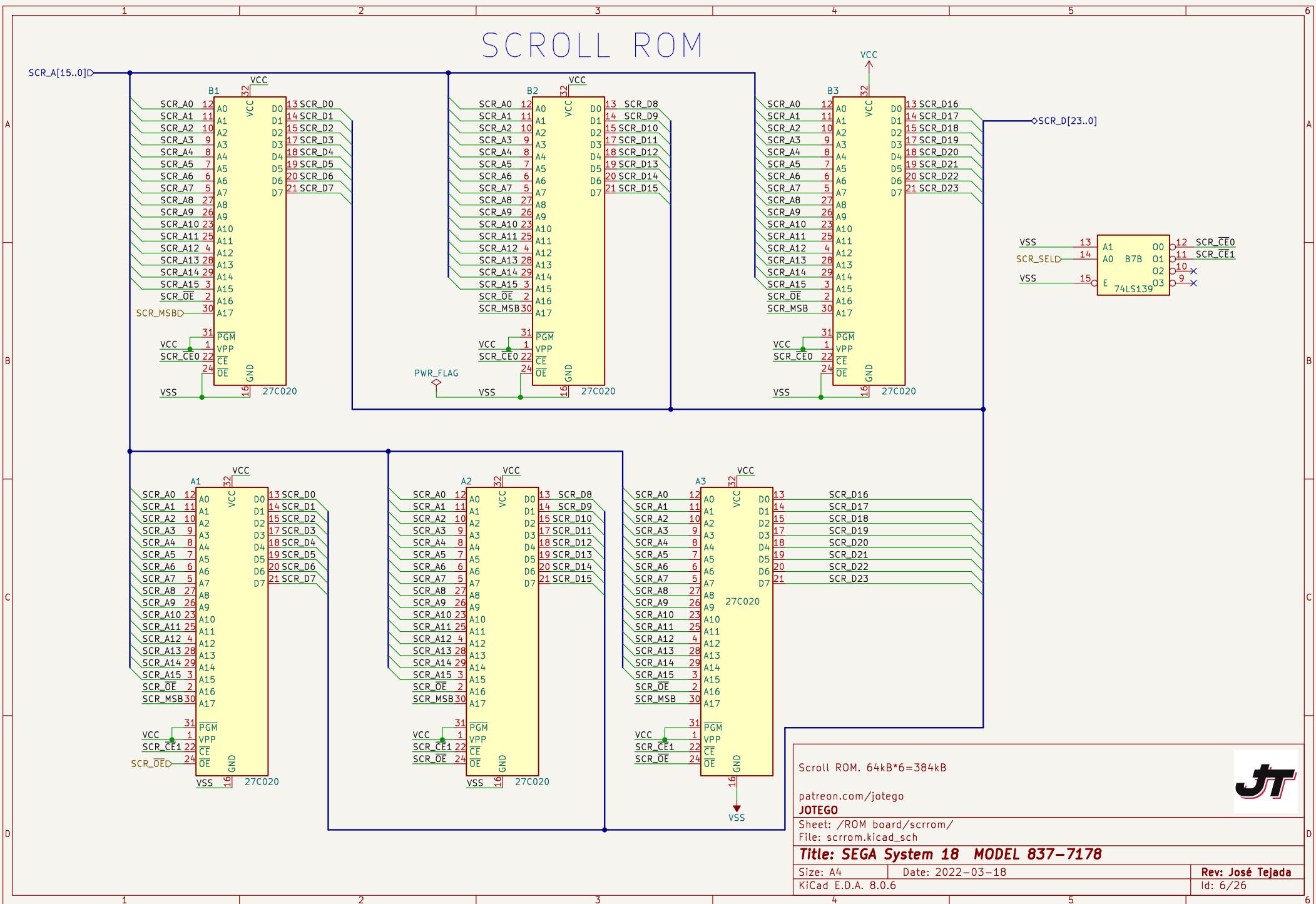
Size: A4	Date: 2022-03-18
KiCad E.D.A. 8.0.6	

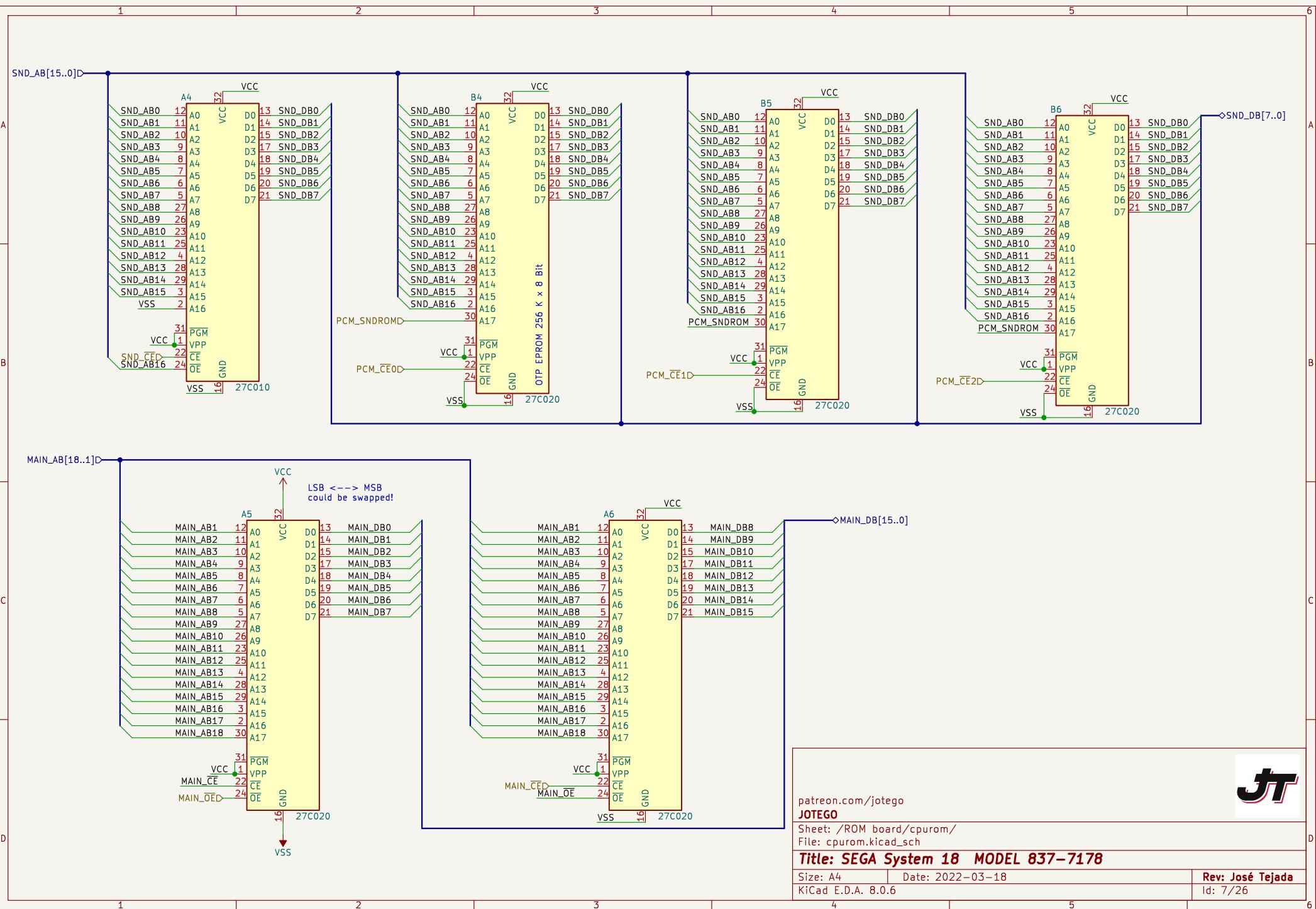


Rev: José Tejada
Id: 4/26

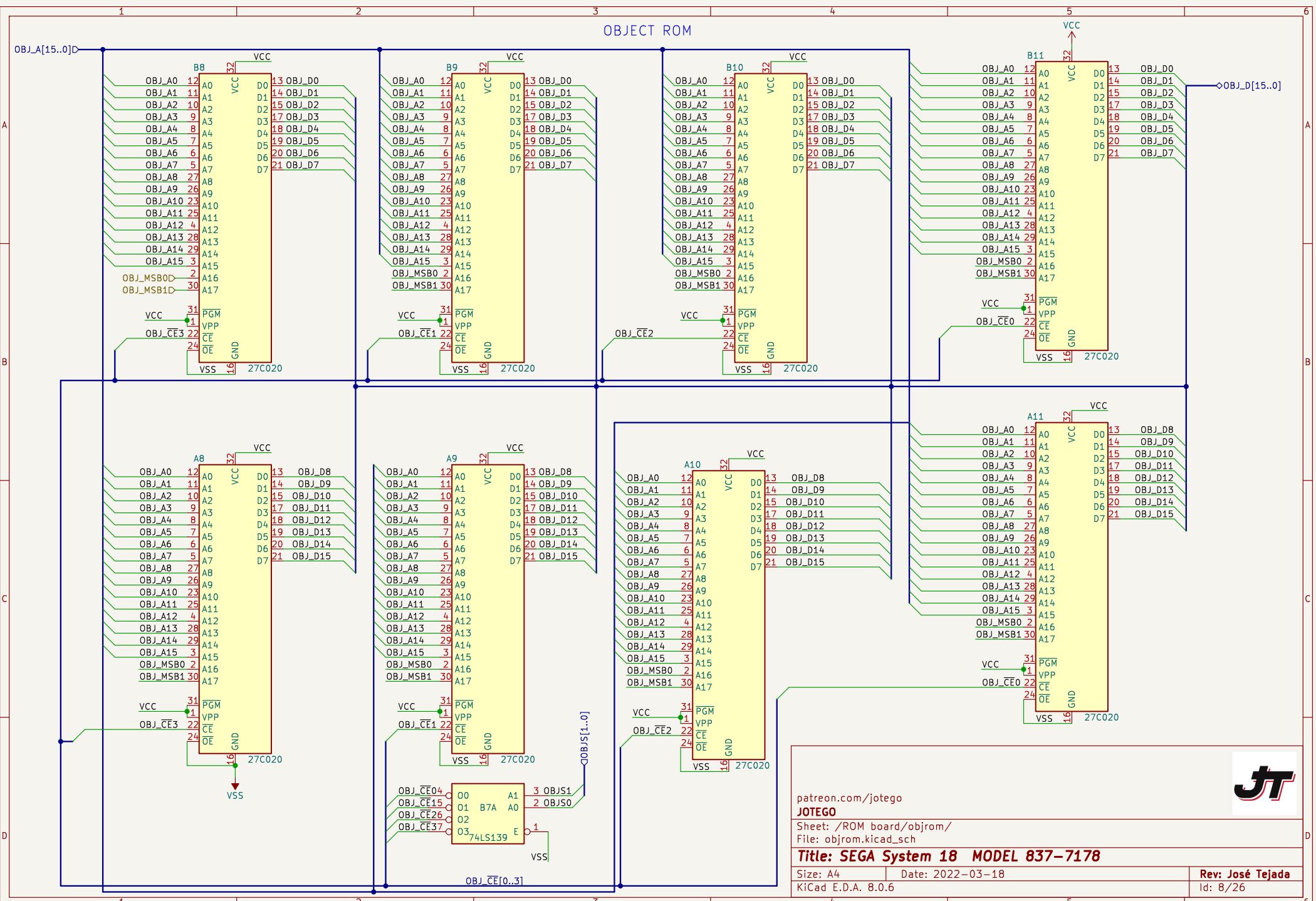


SCROLL ROM





OBJECT ROM



patreon.com/jotego

JOTEGO

Sheet: /ROM board/objrom/
File: objrom.kicad_sch

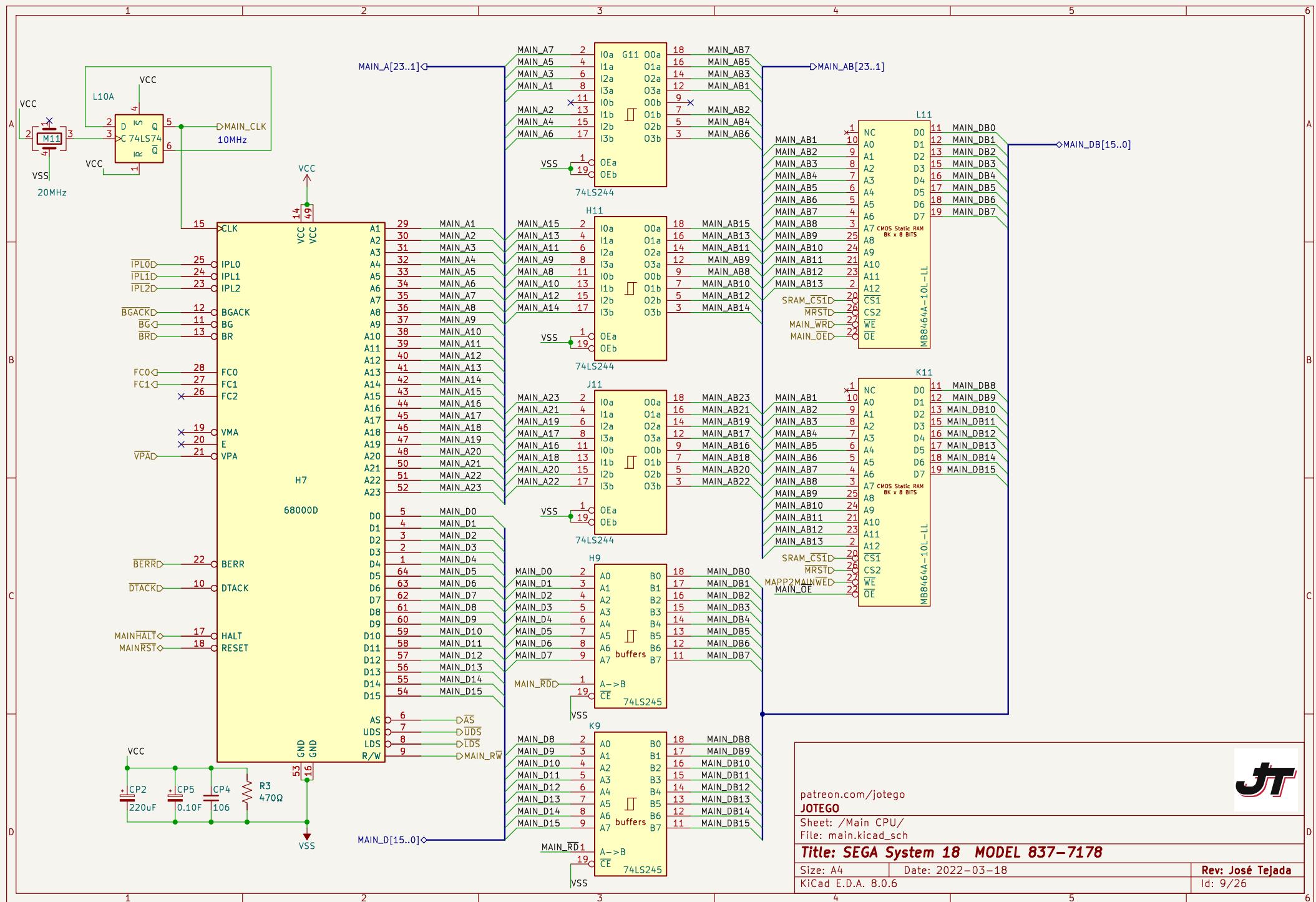
Title: SEGA System 18 MODEL 837-7178

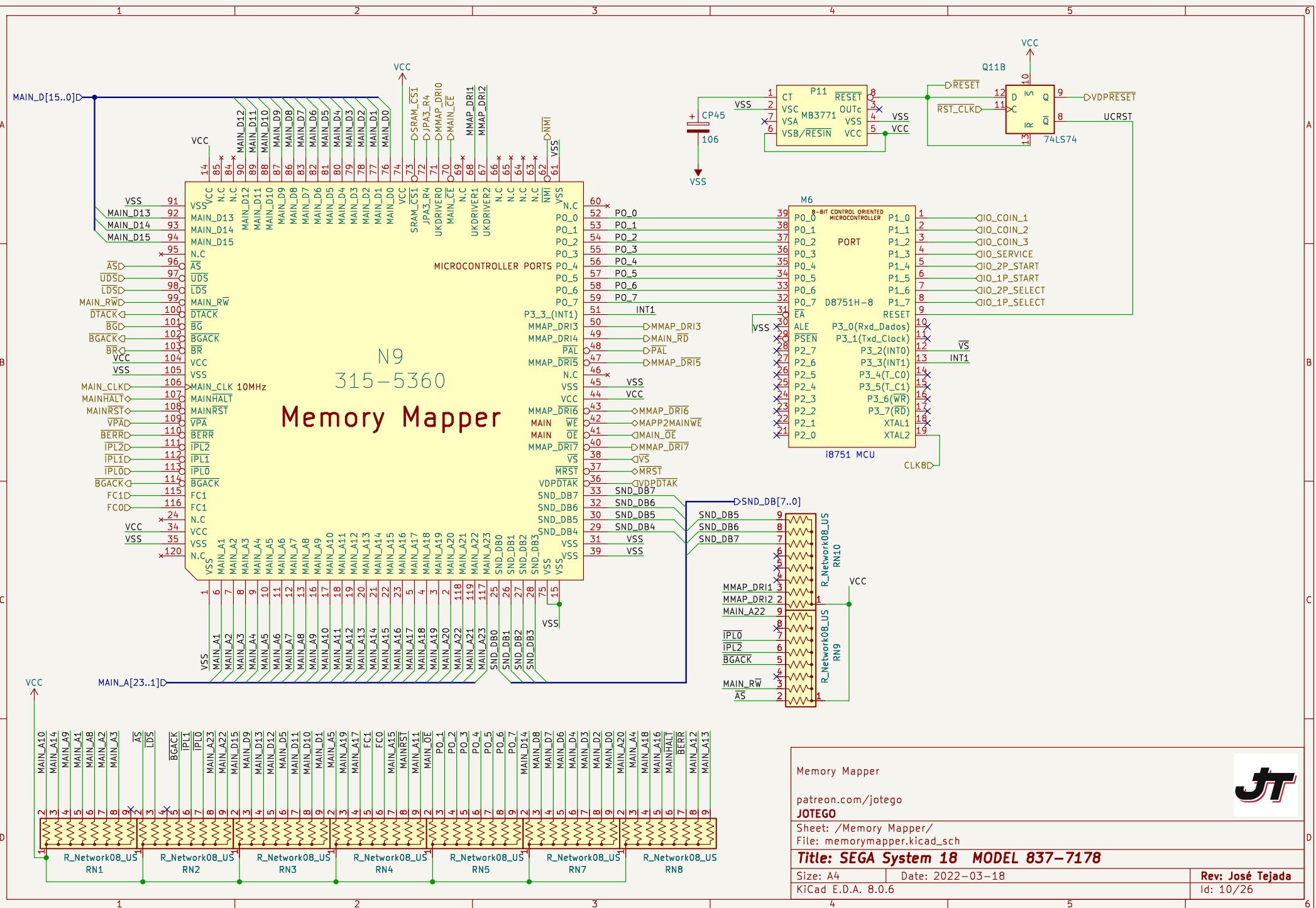
Size: A4 Date: 2022-03-18

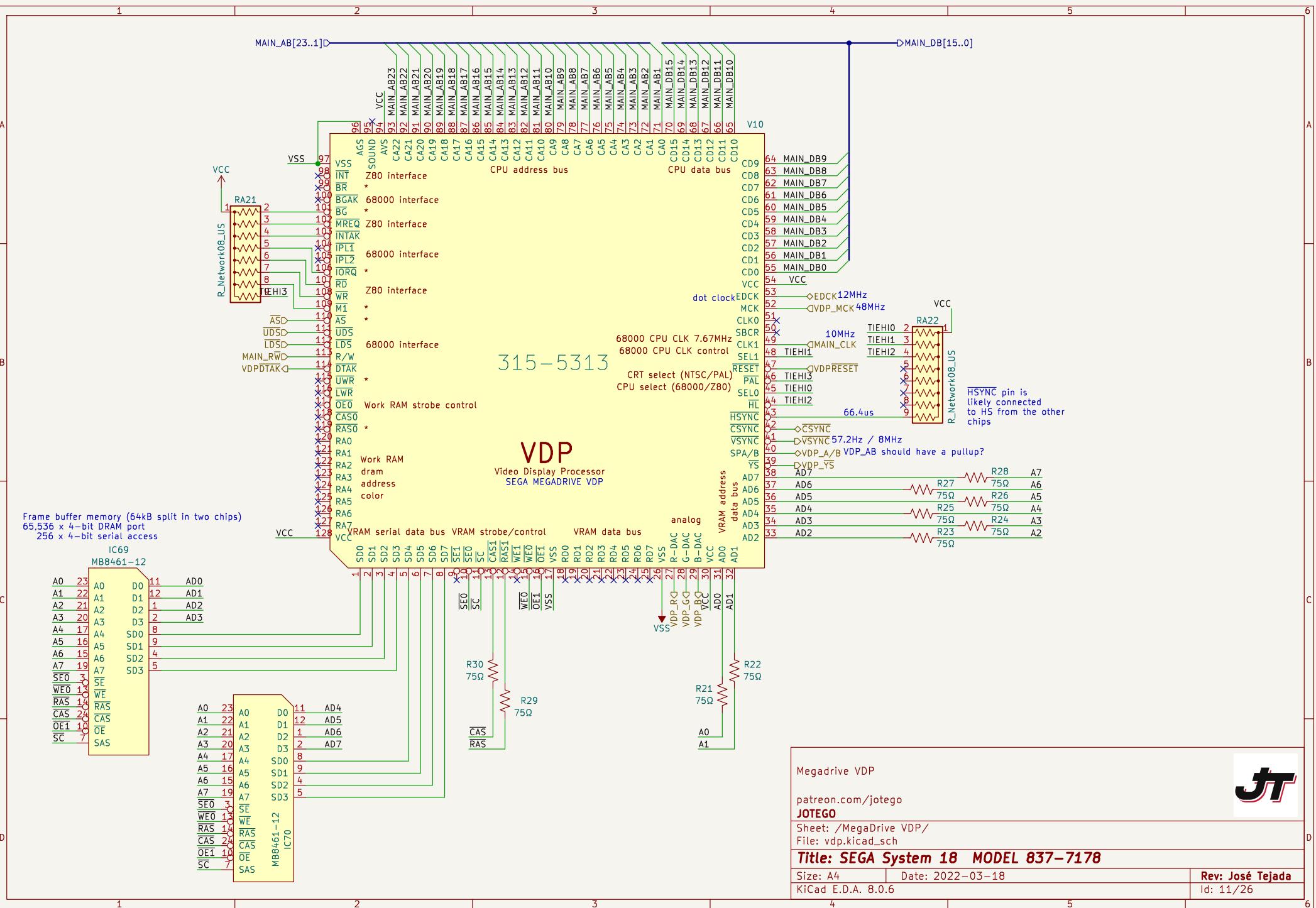
KiCad E.D.A. 8.0.6

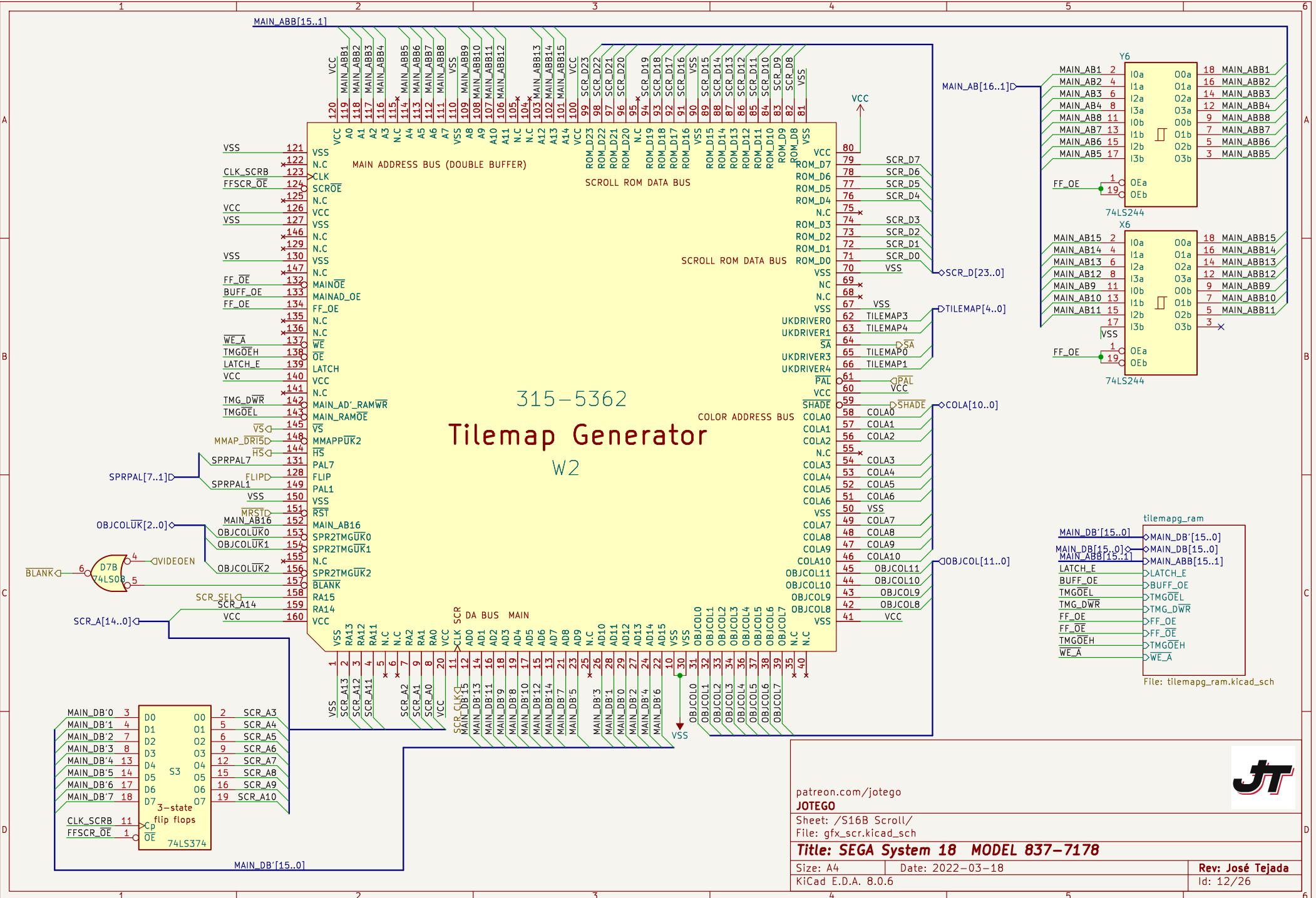
Rev: José Tejada

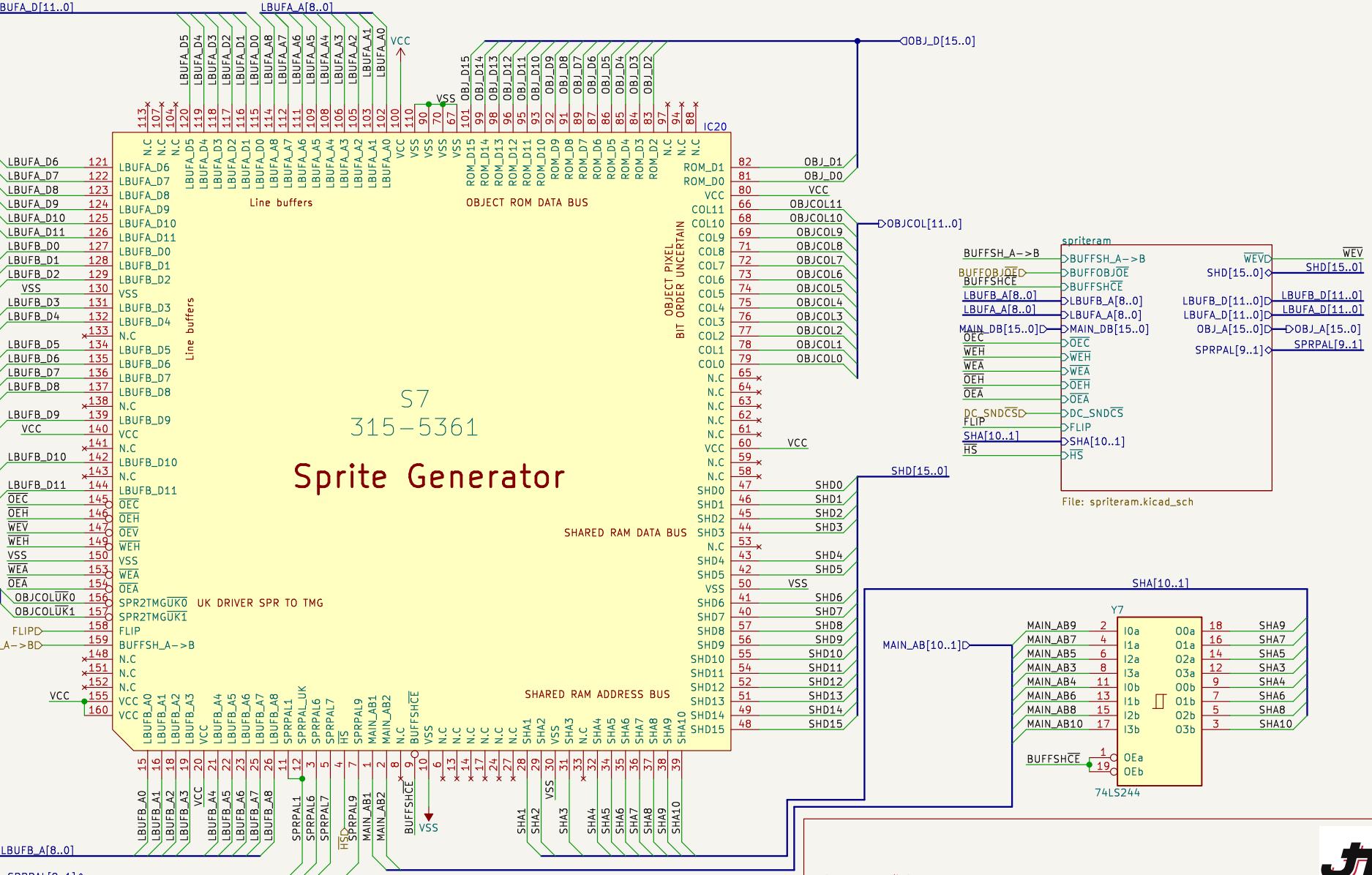
Id: 8/26











Sprite Generator

S7

315-5361

patreon.com/jotego
JOTEGO

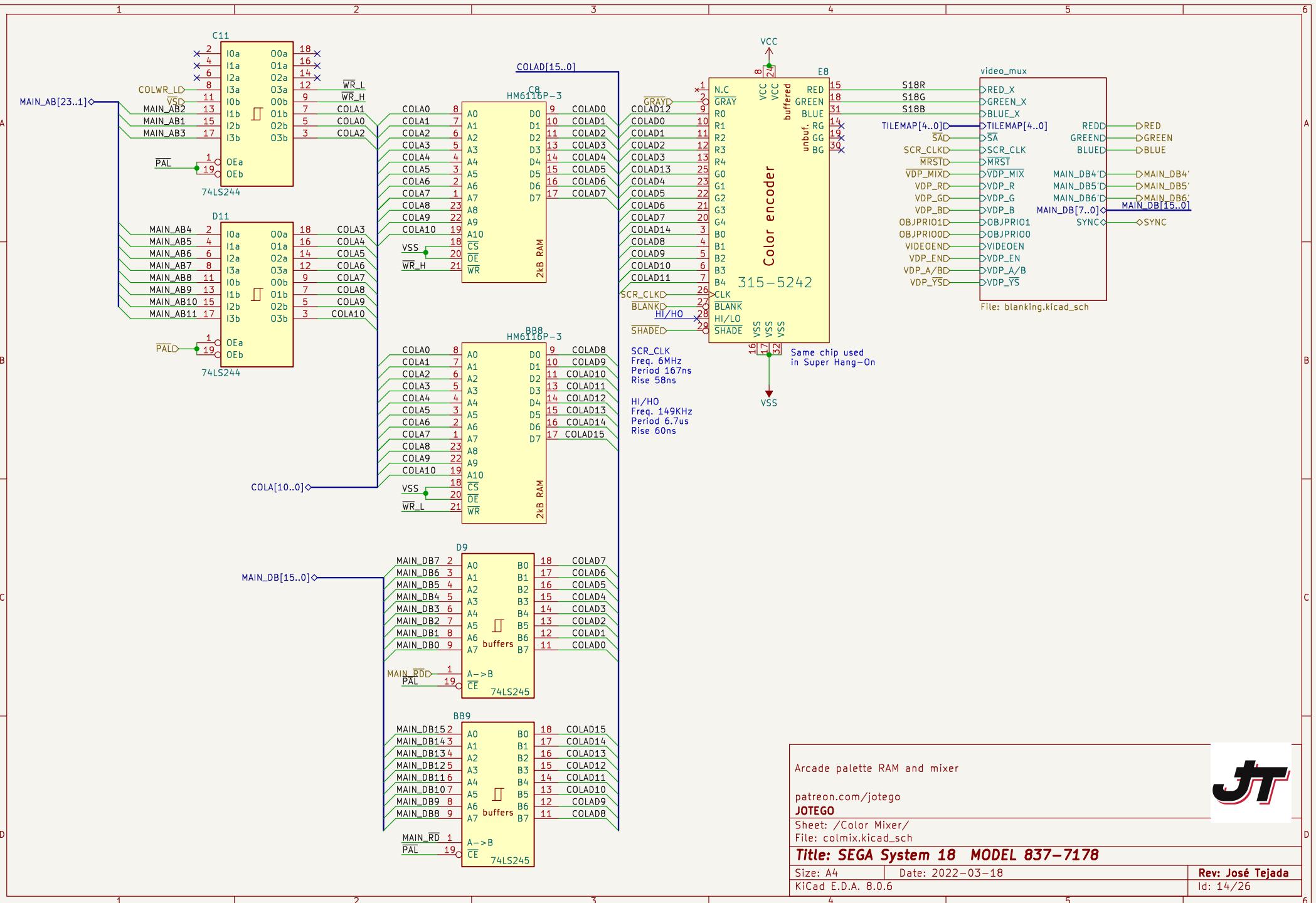
Sheet: /S16B Objects/
 File: gfx_obj.kicad_sch

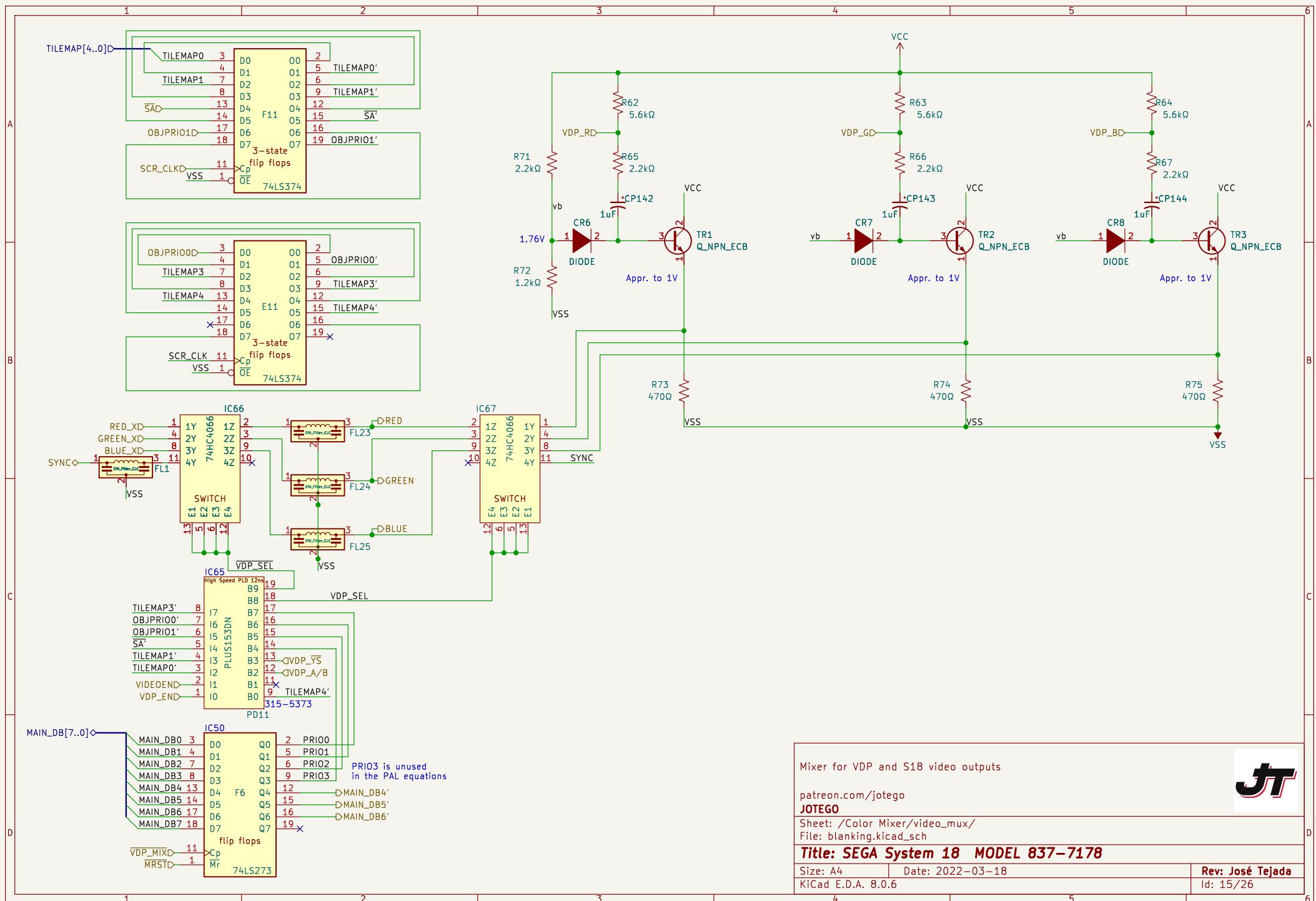
Title: SEGA System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18
 KiCad E.D.A. 8.0.6

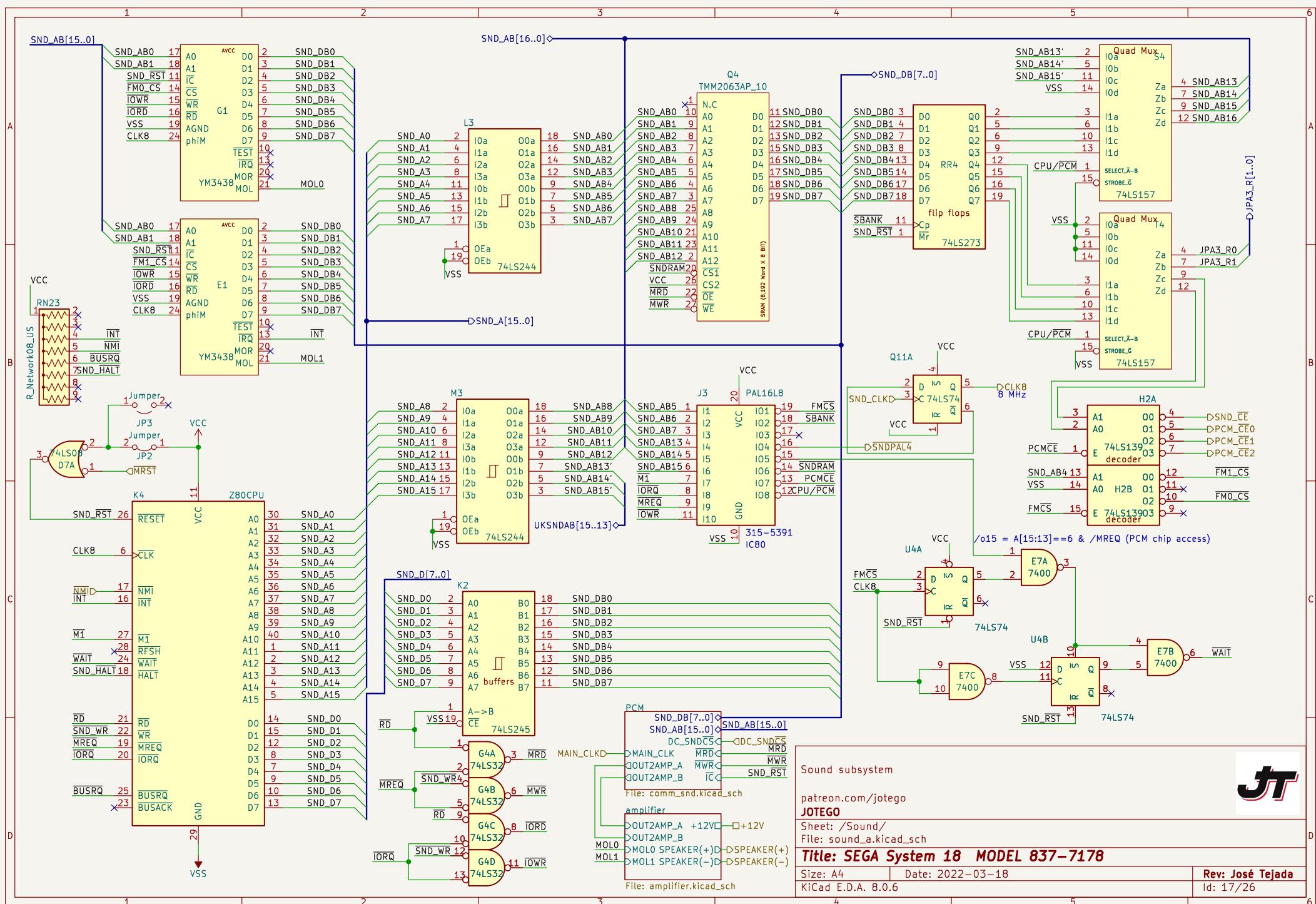


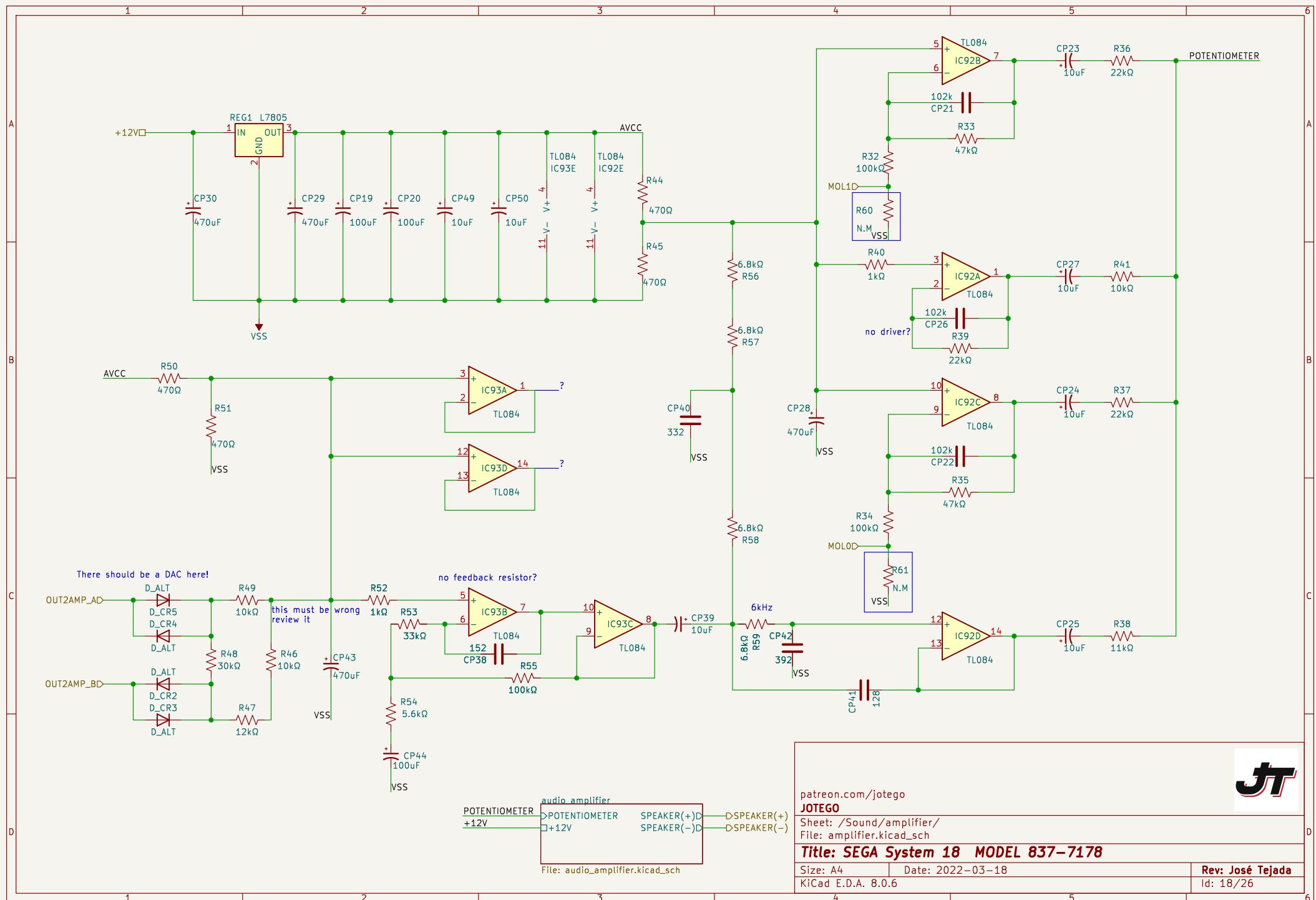
Rev: José Tejada
 Id: 13/26



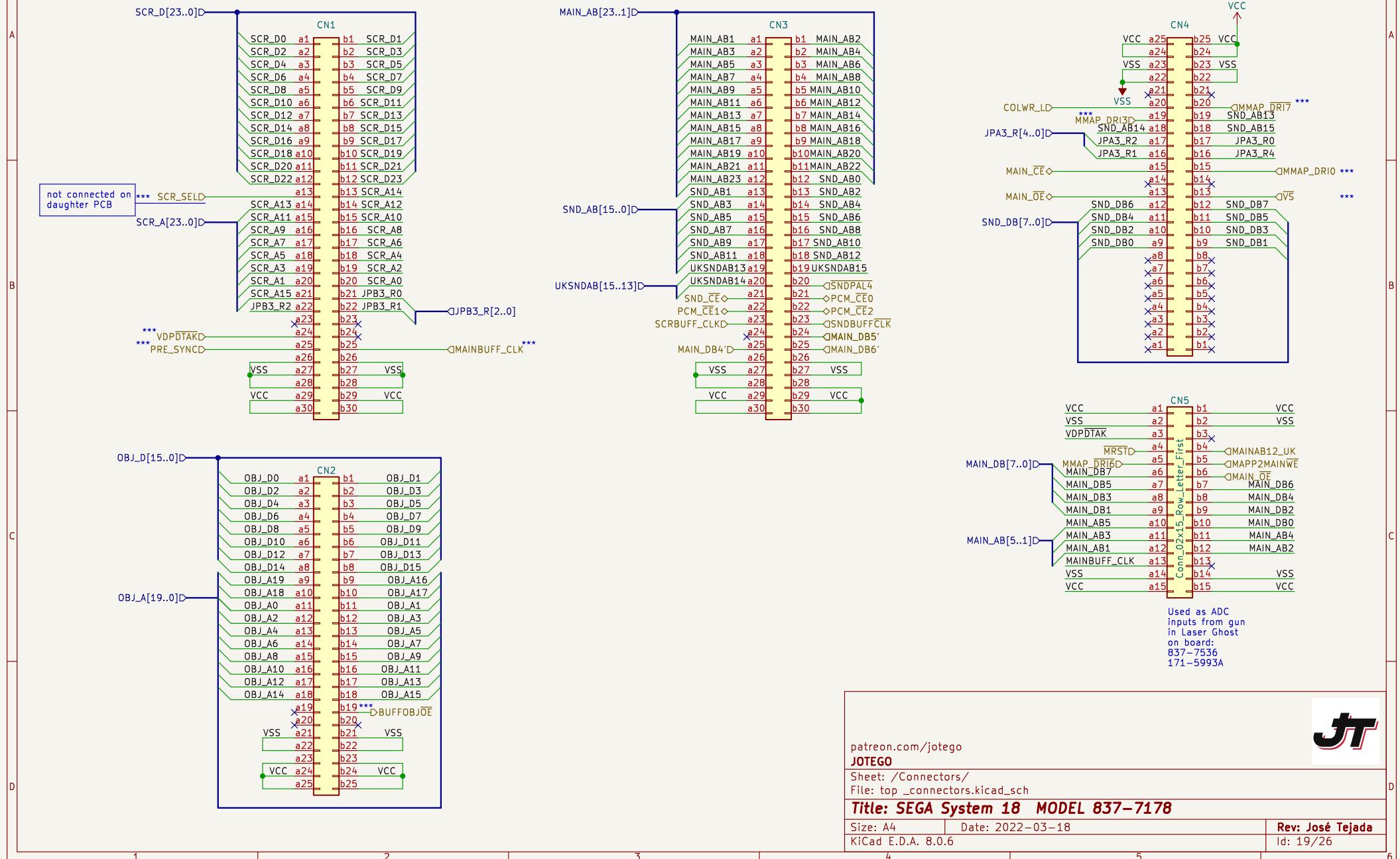


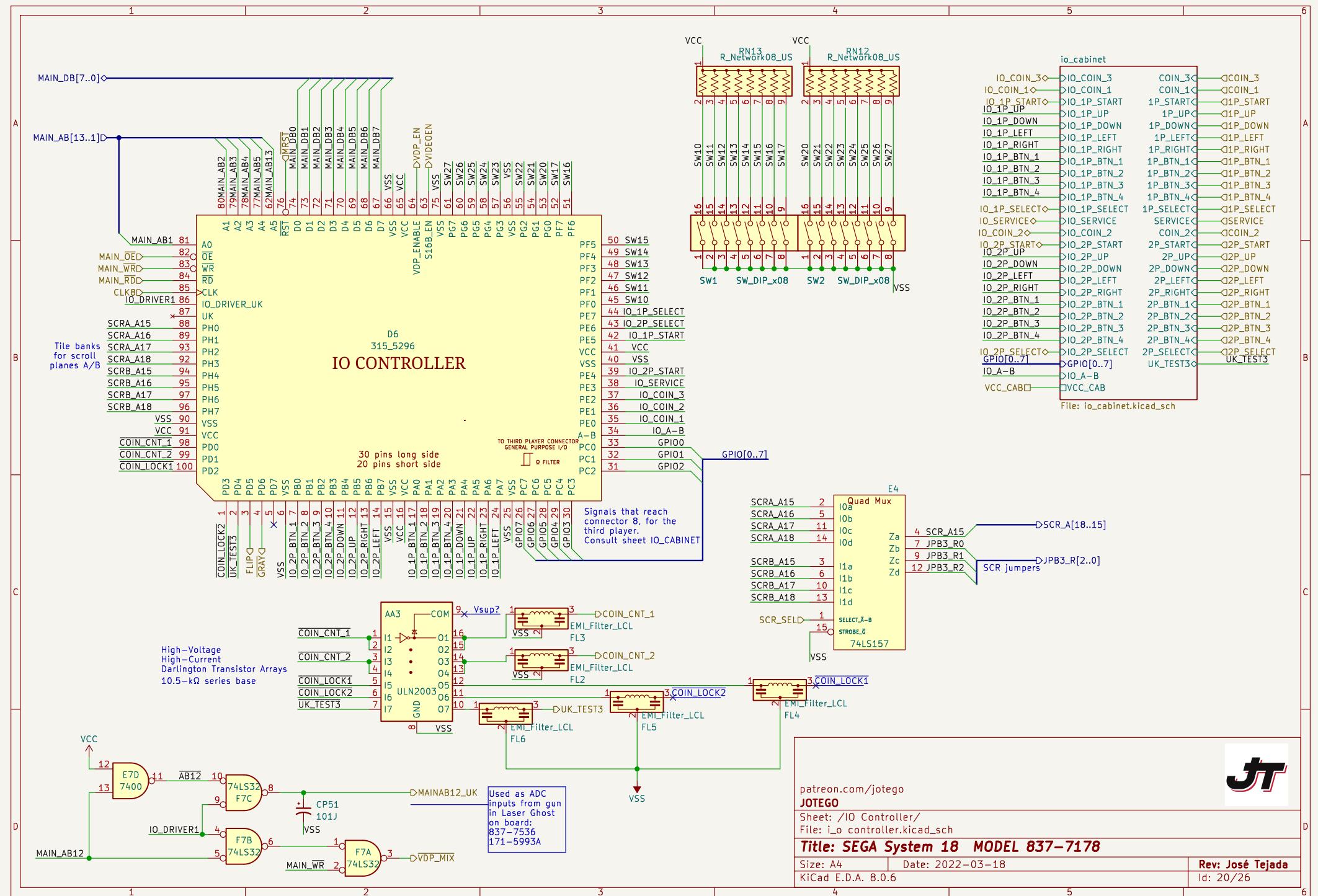


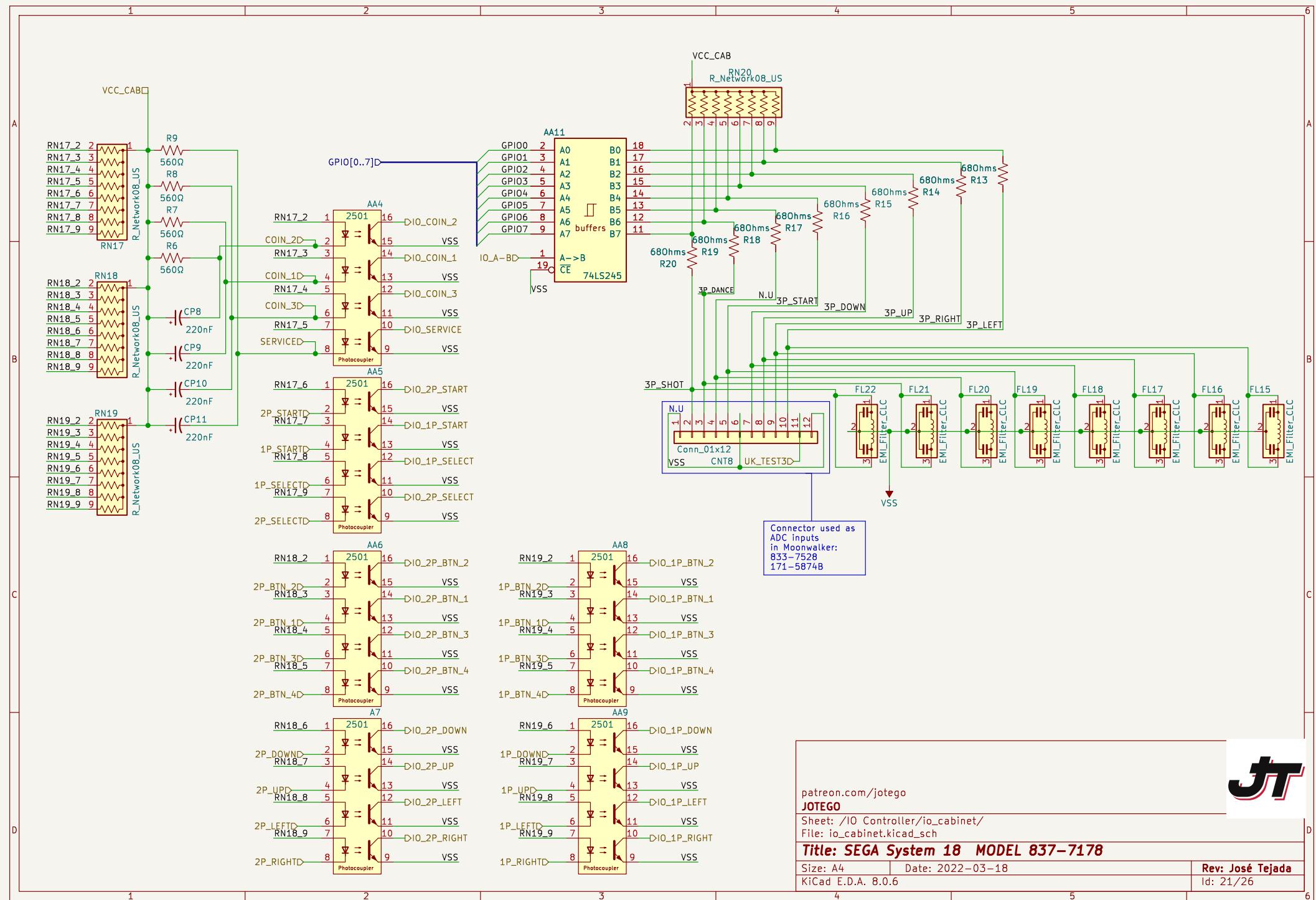


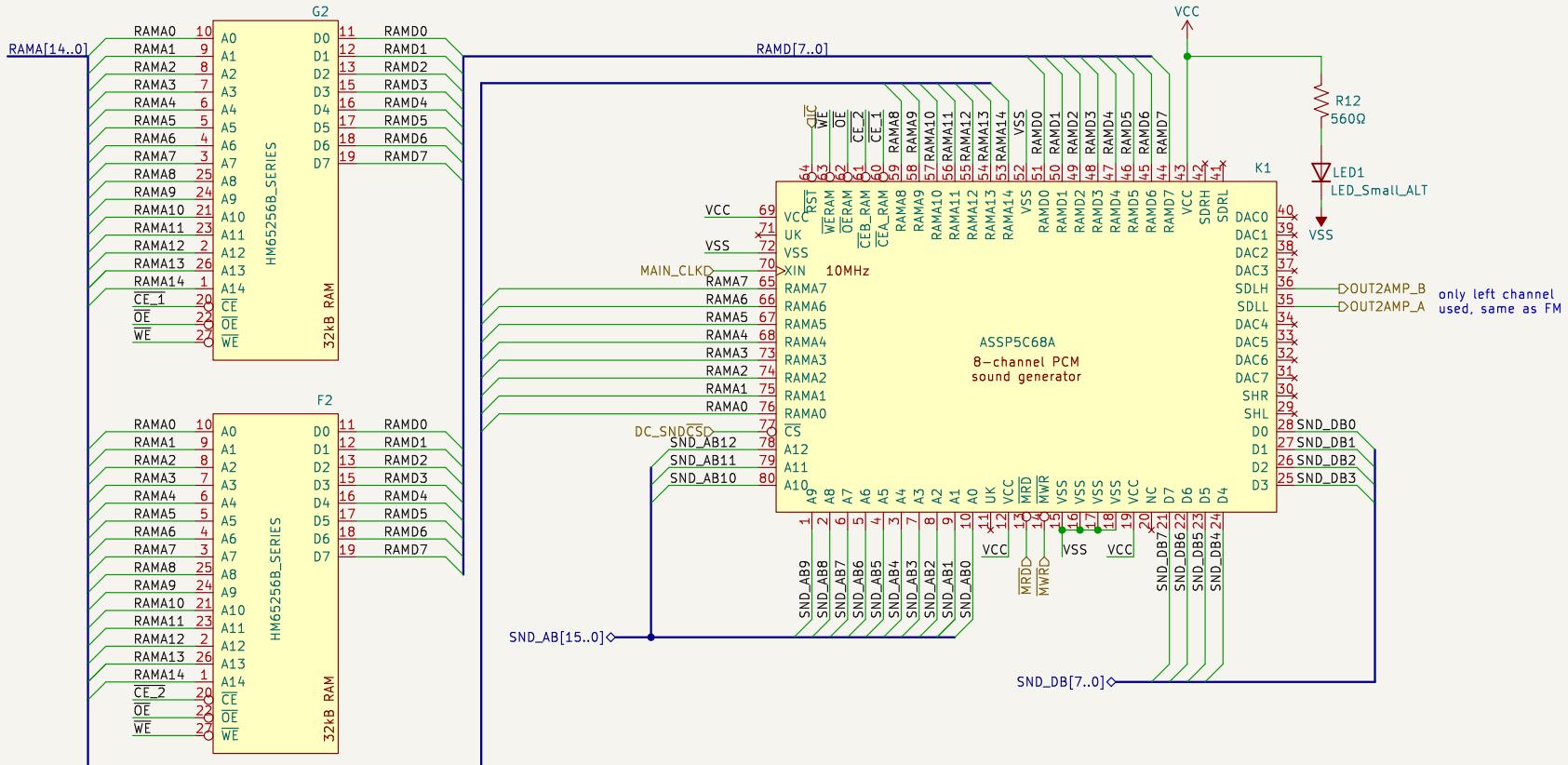


MOTHER AND DAUGHTER PCB CONNECTORS







**PCM sound generator**patreon.com/jotego**JOTEGO**

Sheet: /Sound/PCM/

File: comm_snd.kicad_sch

Title: SEGA System 18 MODEL 837-7178

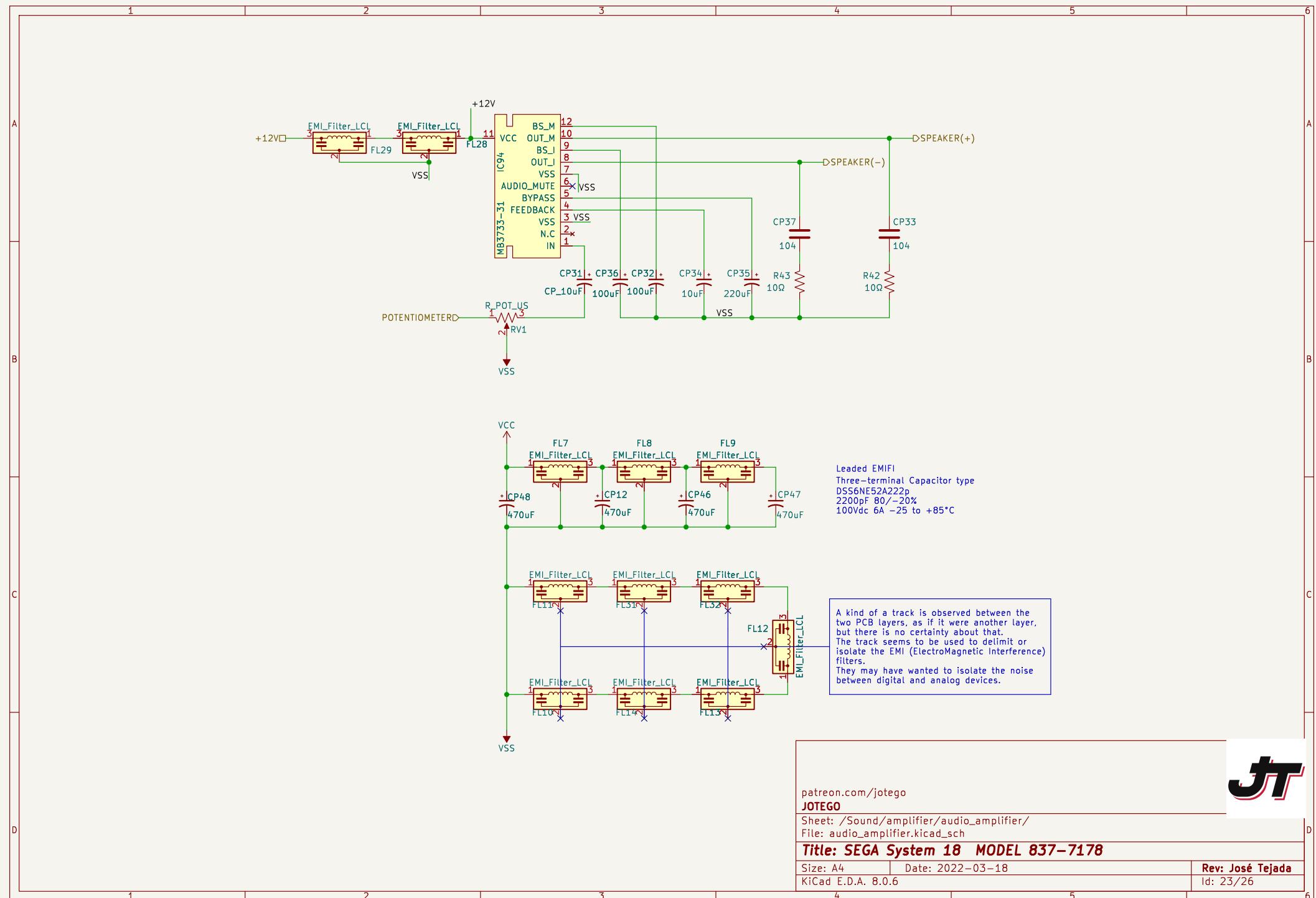
Size: A4 Date: 2022-03-18

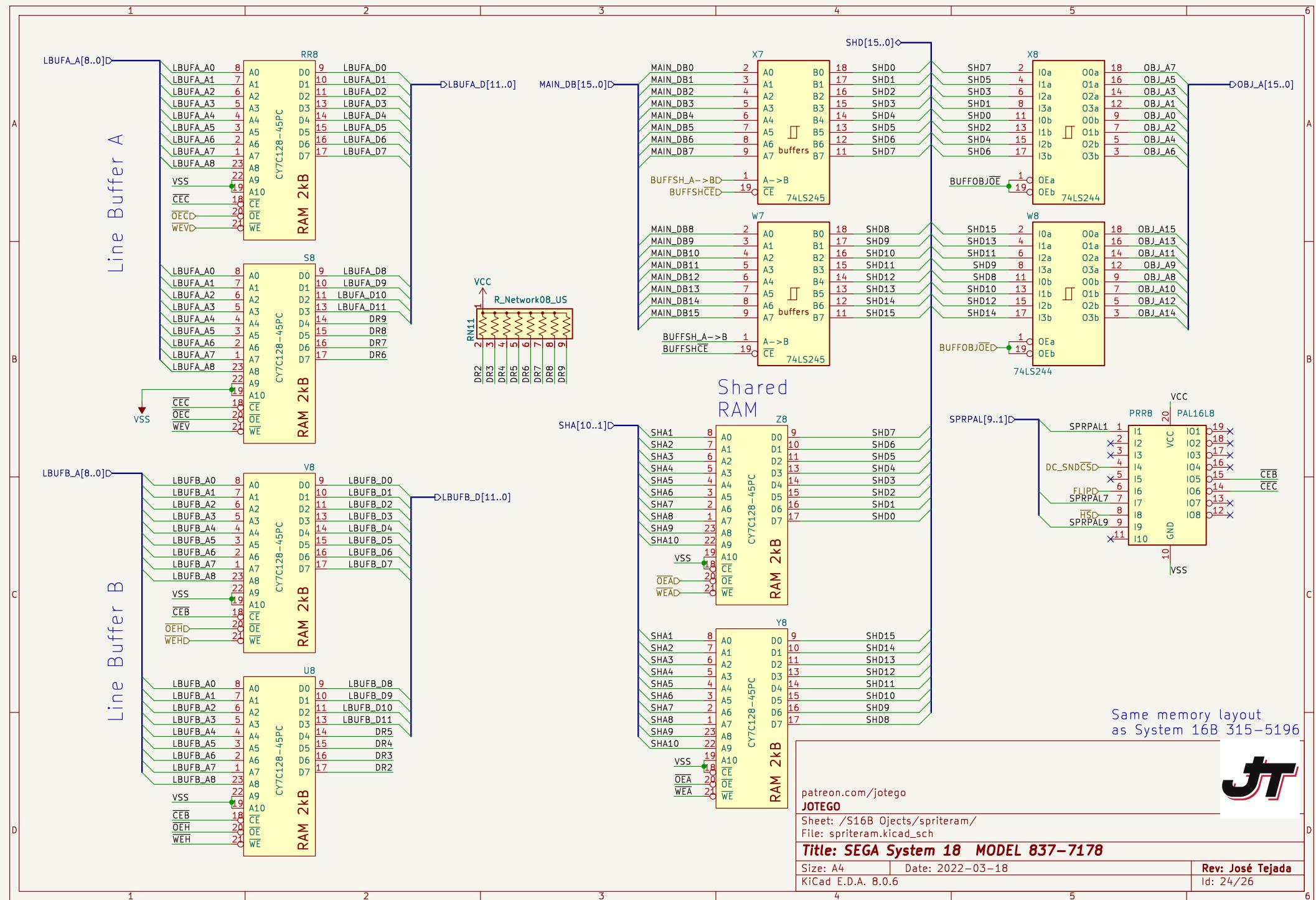
KiCad E.D.A. 8.0.6



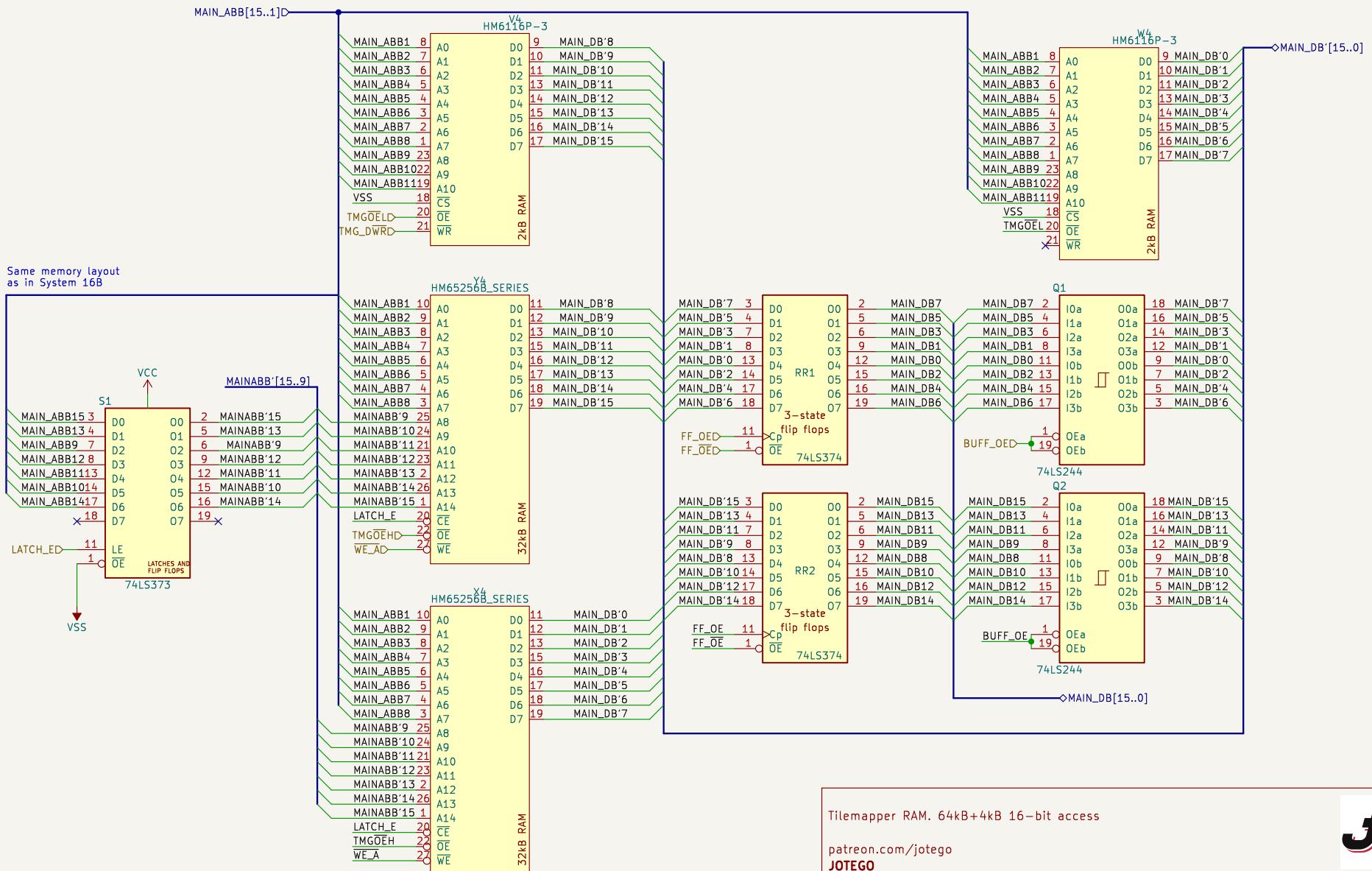
Rev: José Tejada

Id: 22/26





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

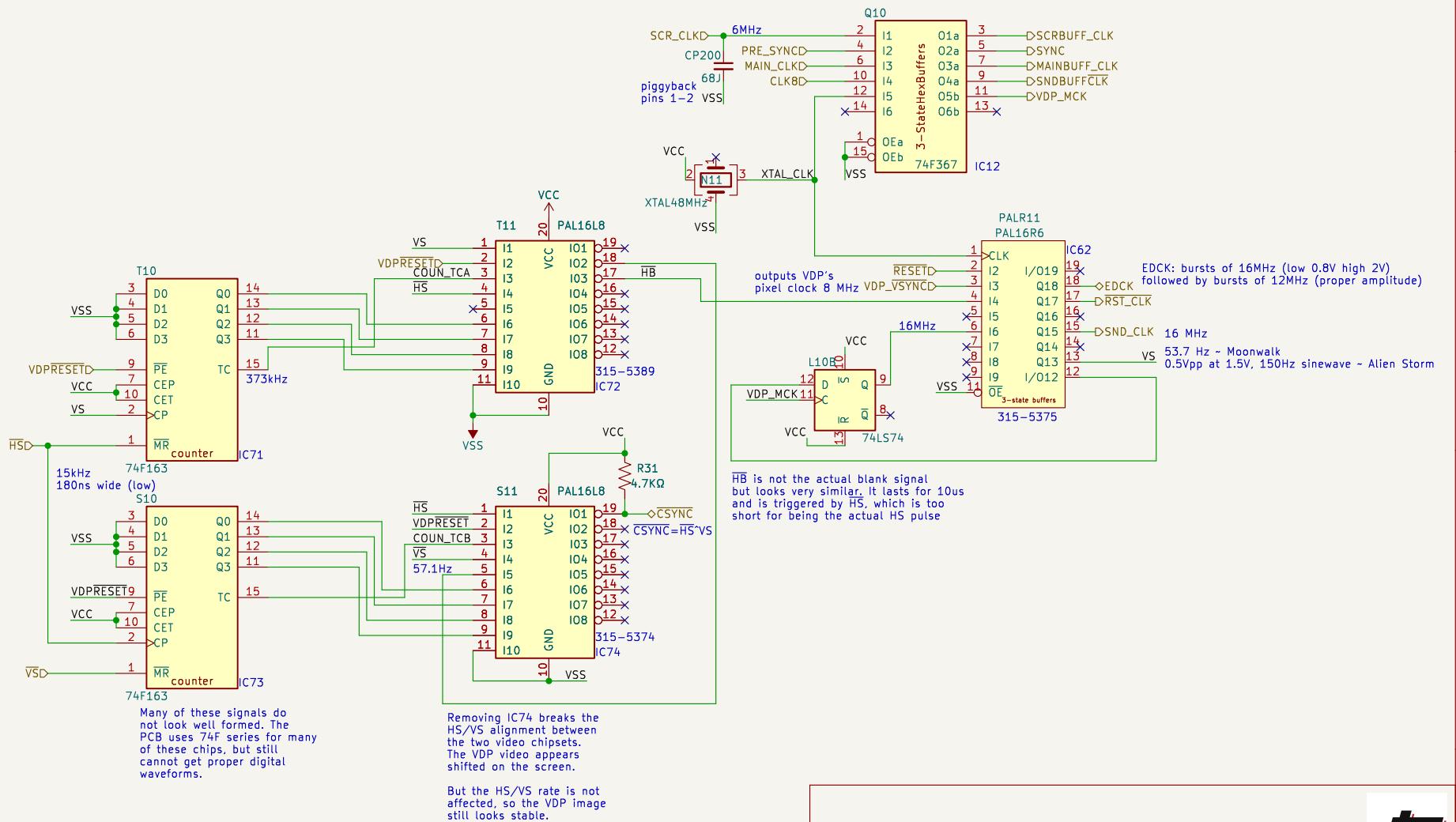
KiCad E.D.A. 8.0.6



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. 8.0.6



Rev: José Tejada
 Id: 26/26