

A

A

B

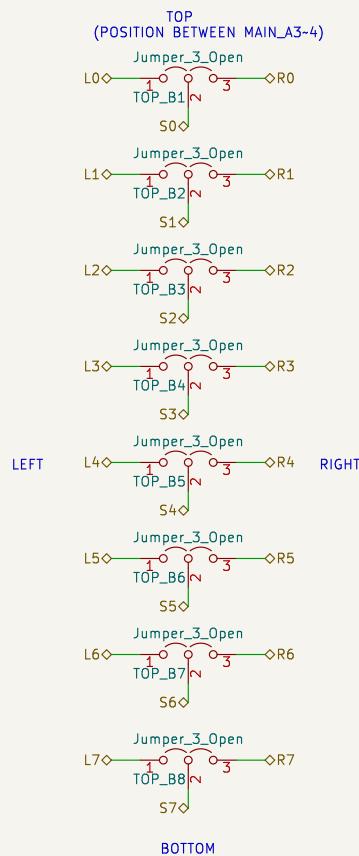
B

C

C

D

D



Esperanza Triana
patreon.com/jotego
JOTEGO

Sheet: /romboard/scrijumpers/
 File: romjp.kicad_sch

Title: System 18 MODEL 837-7178

Size: A4	Date: 2022-03-18	Rev: José Tejada G.
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1		Id: 3/27



A

A

B

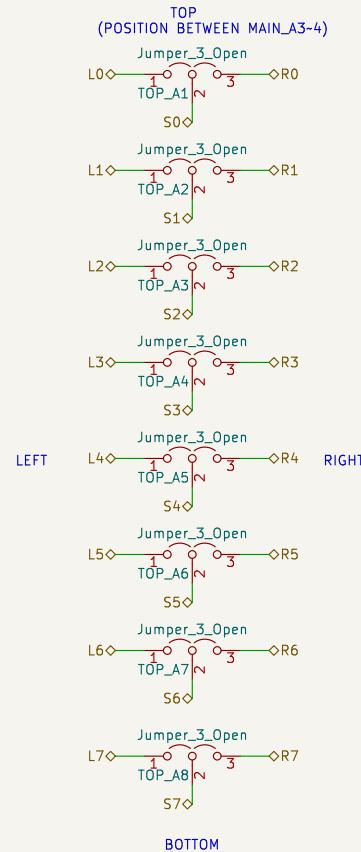
B

C

C

D

D



Esperanza Triana
patreon.com/jotego
JOTEGO

Sheet: /romboard/sndjumpers/
File: romjp.kicad_sch

Title: System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18

KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1



Rev: José Tejada G.
Id: 4/27

A

A

B

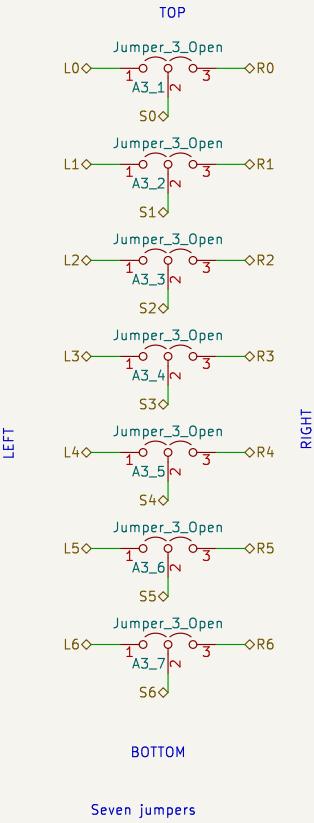
B

C

C

D

D



Esperanza Triana
patreon.com/jotego
JOTEGO

Sheet: /romboard/objjumpers/
 File: romjp7.kicad_sch

Title: System 18 MODEL 837-7178

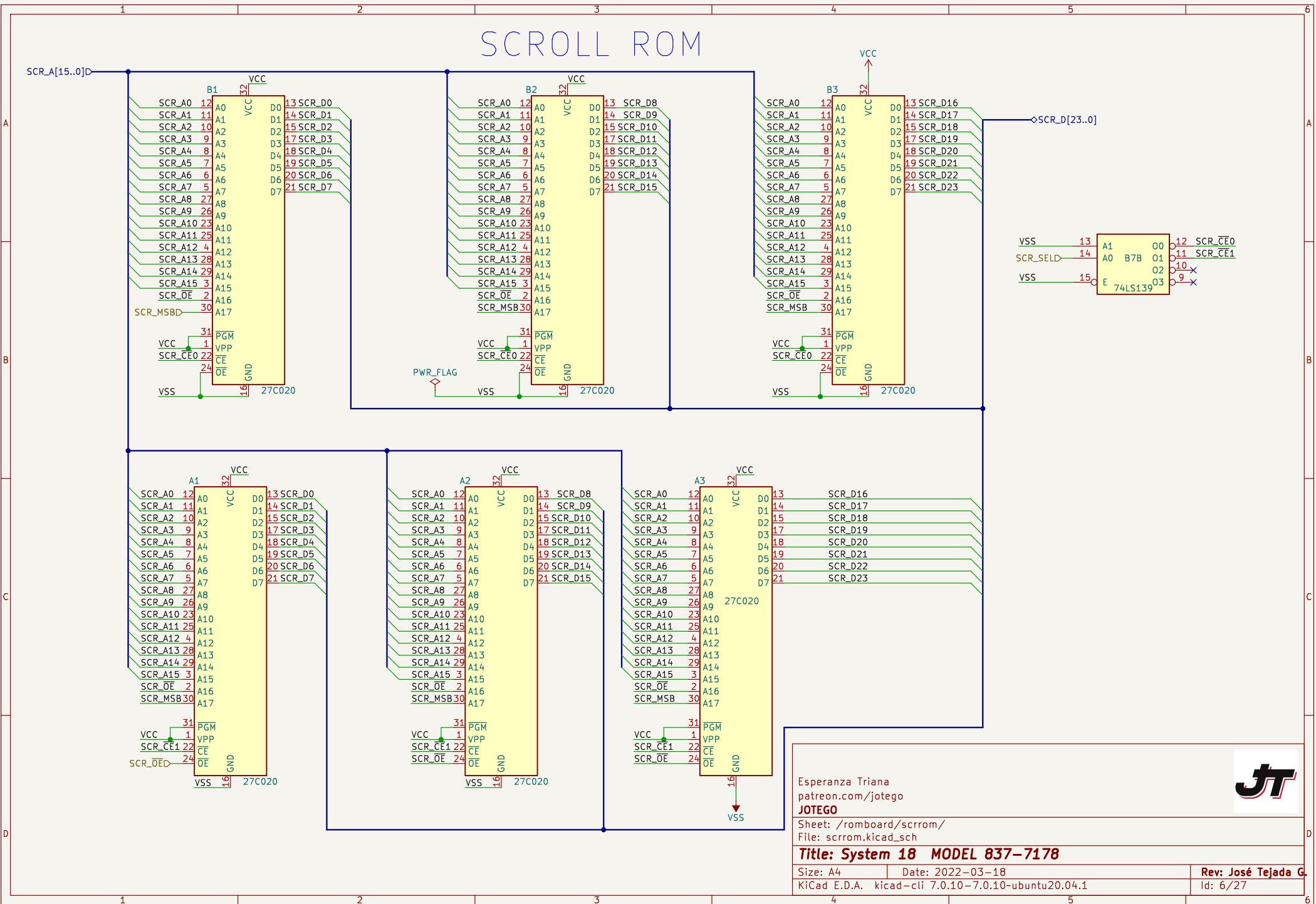
Size: A4 Date: 2022-03-18

KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1



Rev: José Tejada G.
 Id: 5/27

SCROLL ROM



Esperanza Triana
patreon.com/jotego
JOTEGO

Sheet: /romboard/scrrom/
File: scrrom.kicad_sch

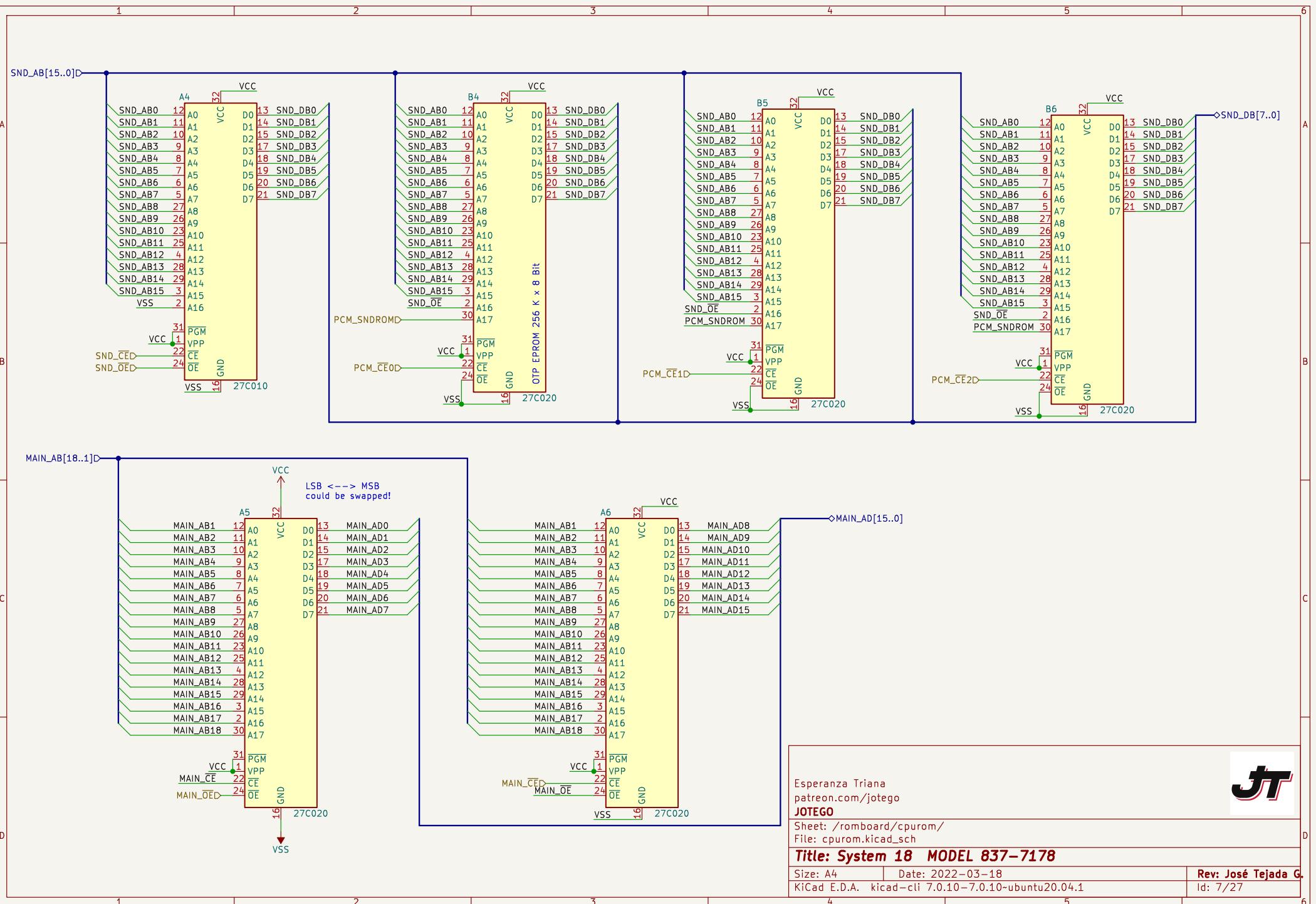
Title: System 18 MODEL 837-7178

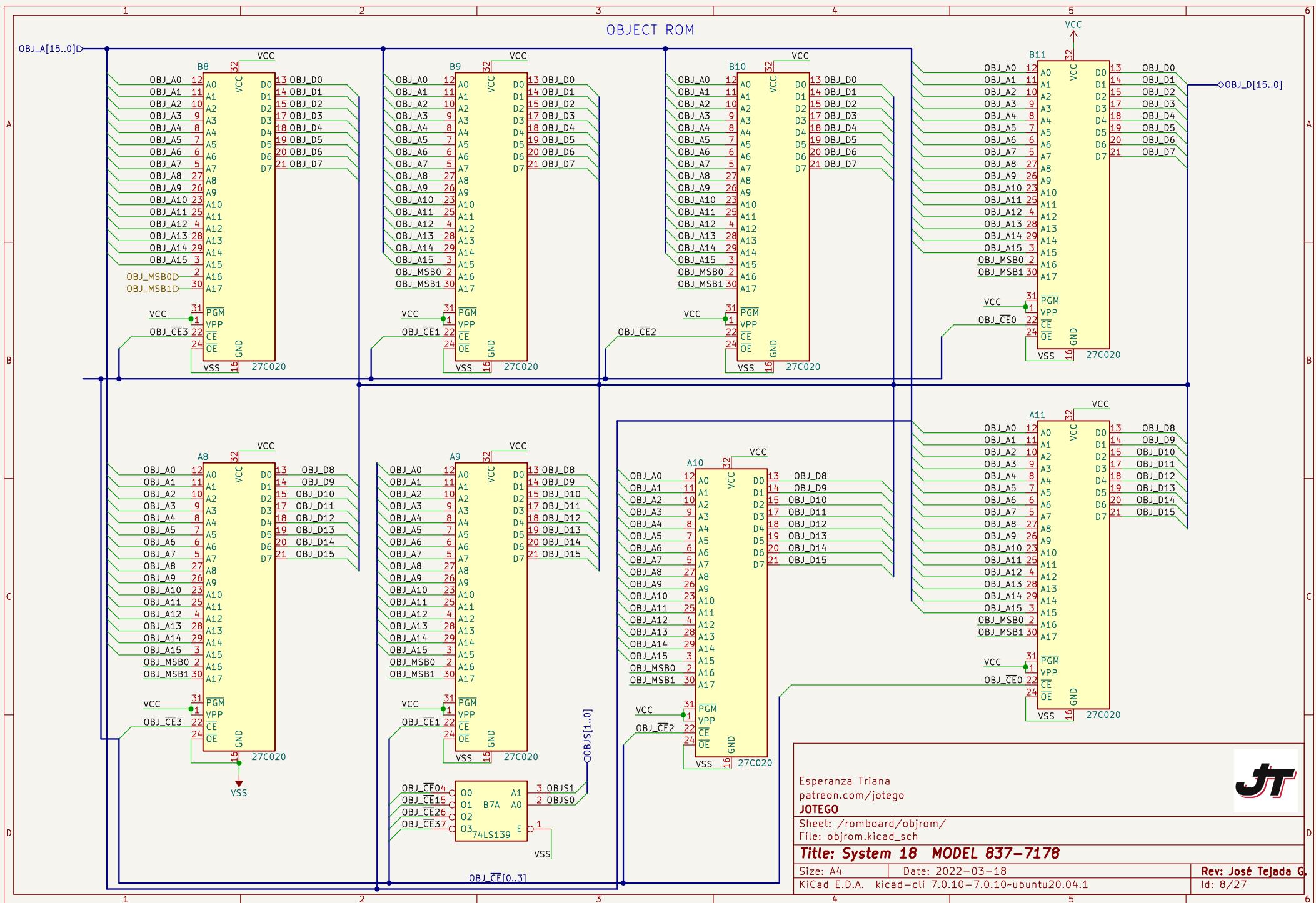
Size: A4 Date: 2022-03-18

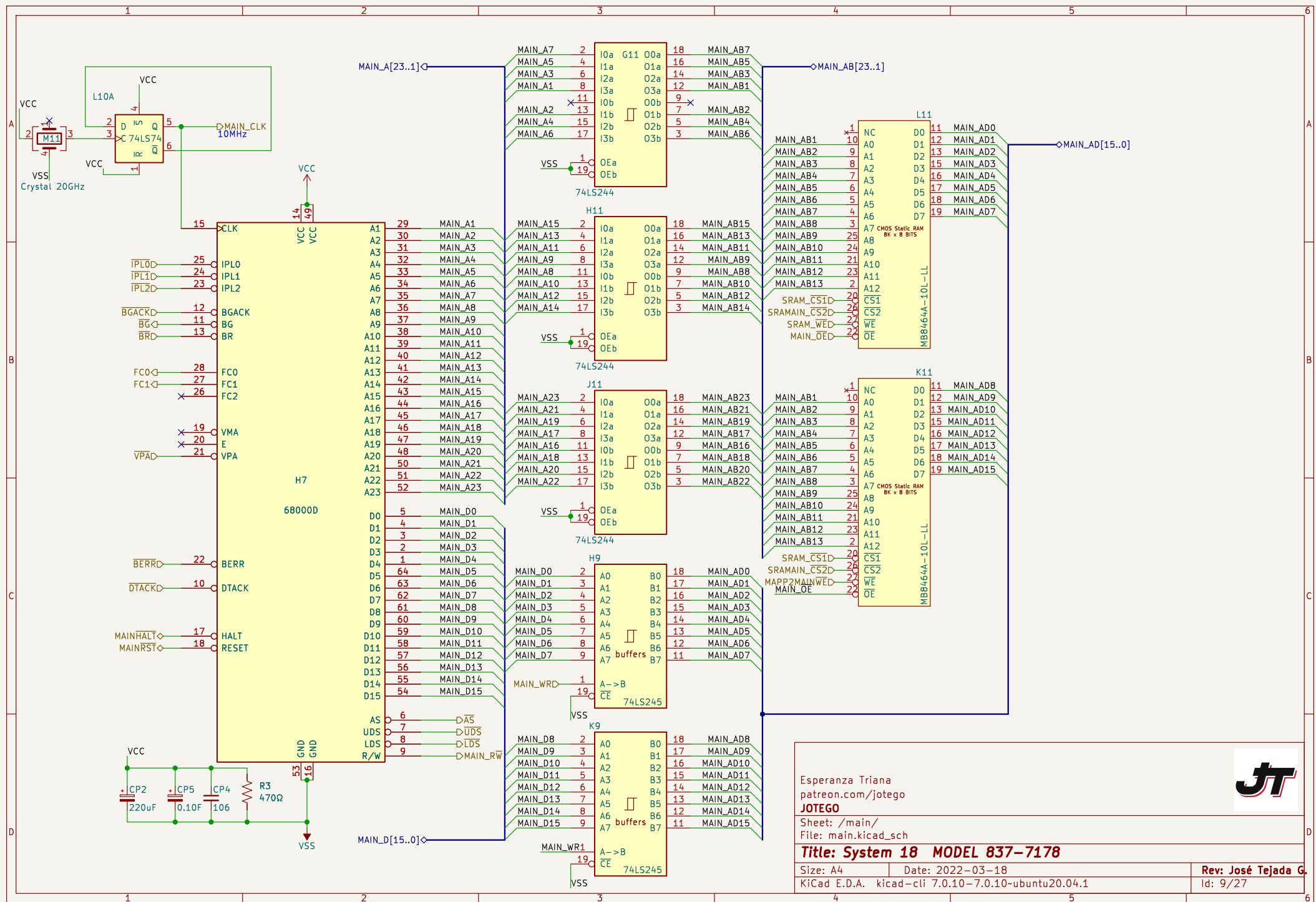
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1

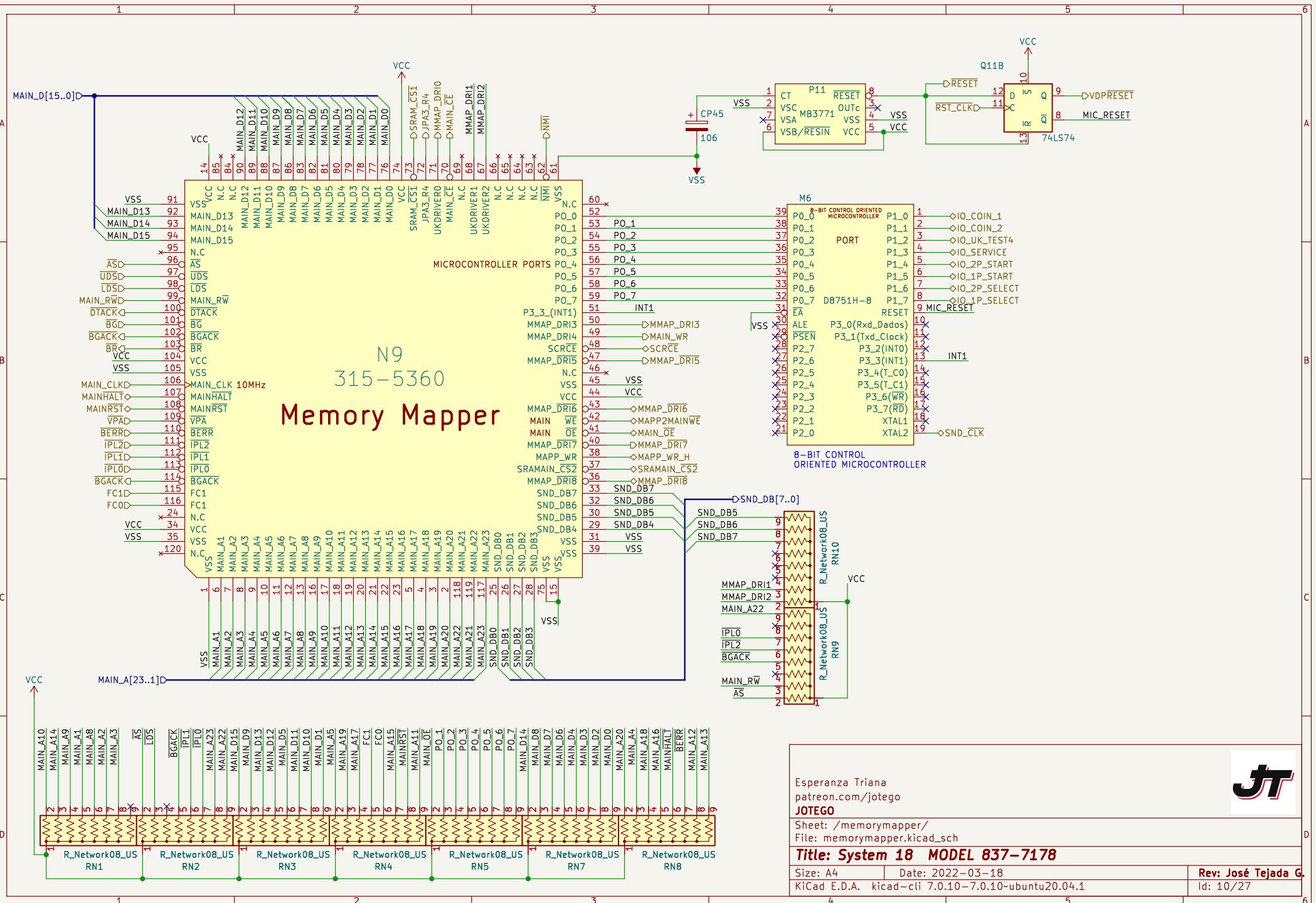


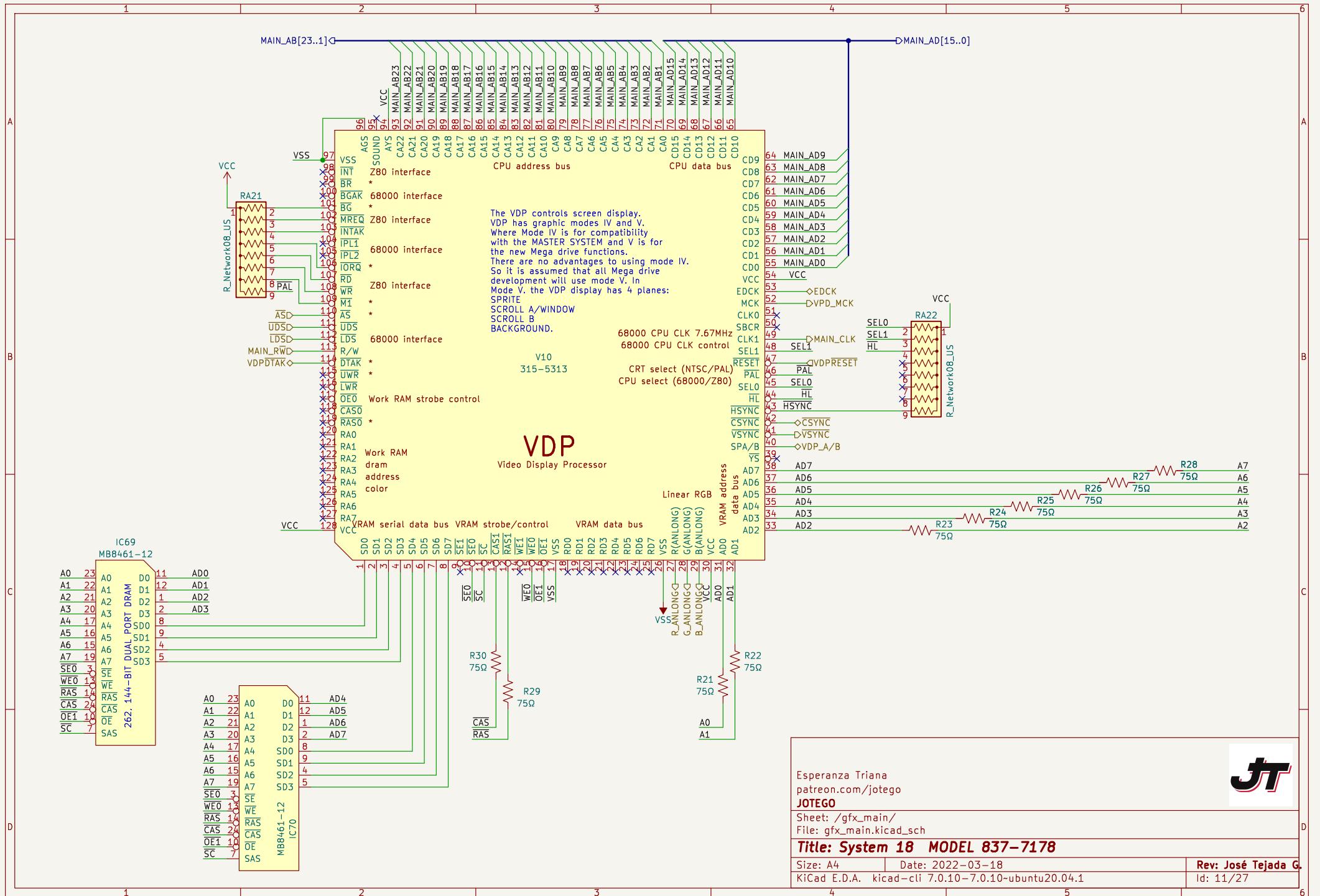
Rev: José Tejada G.
Id: 6/27

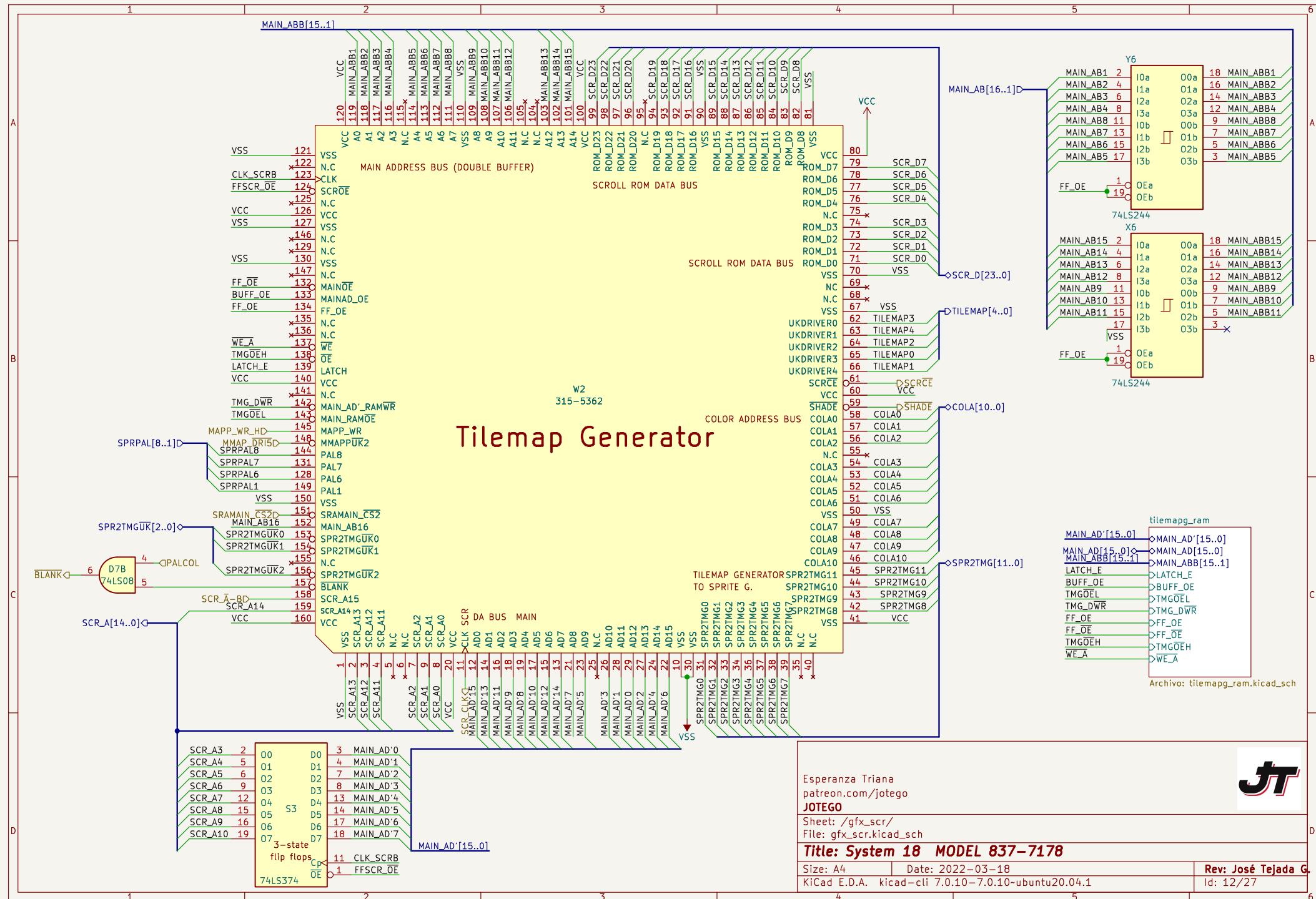


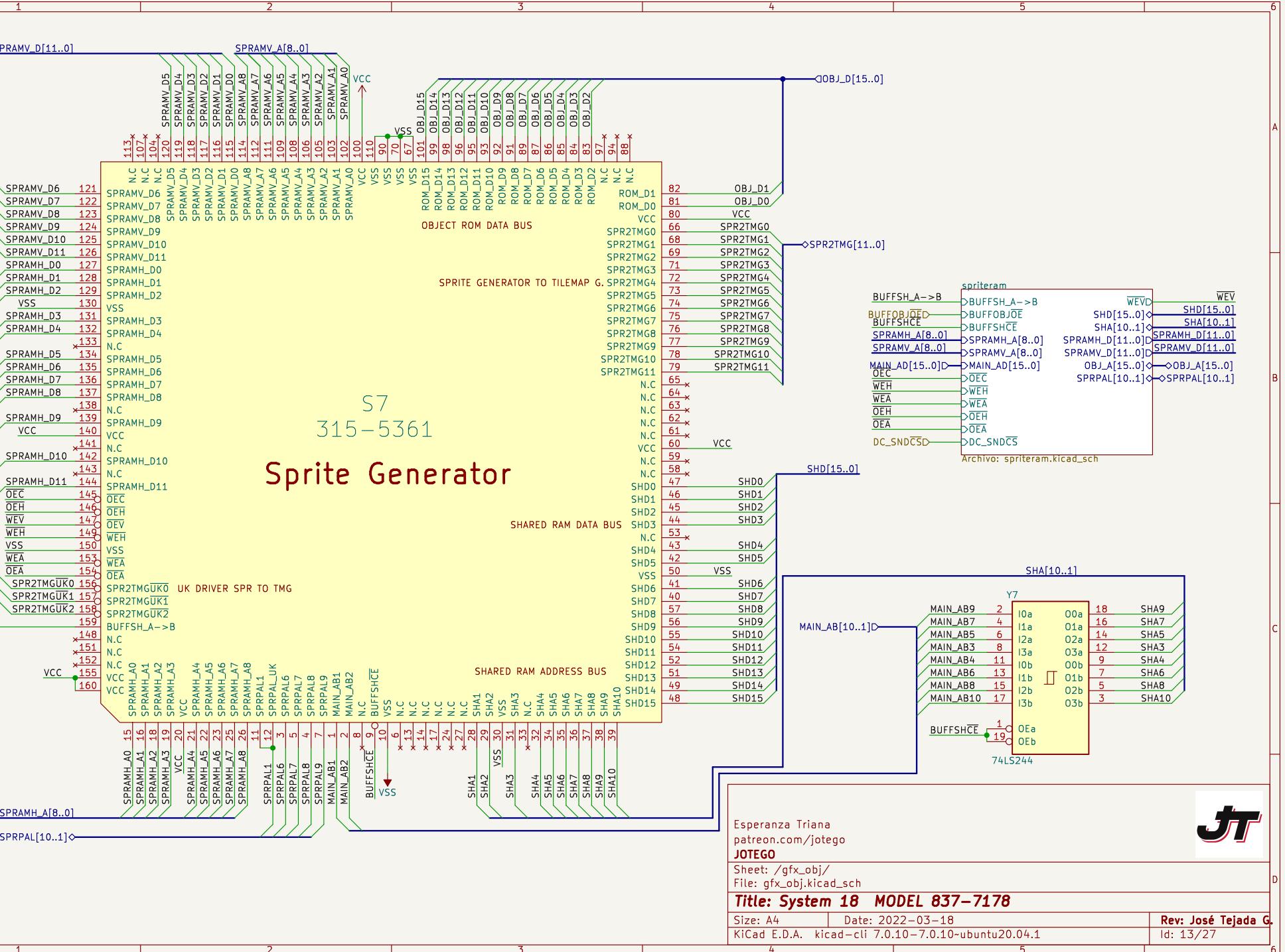


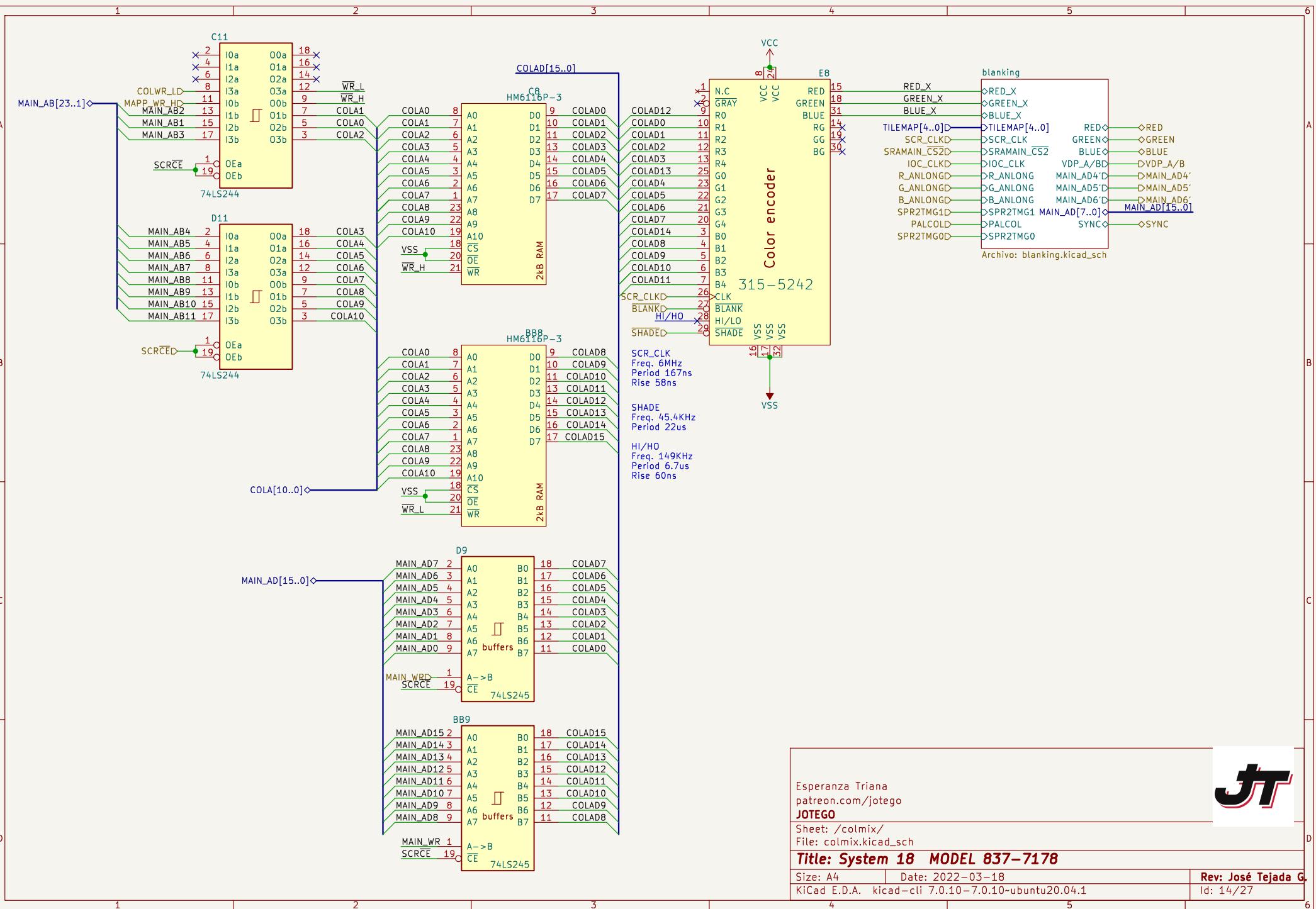


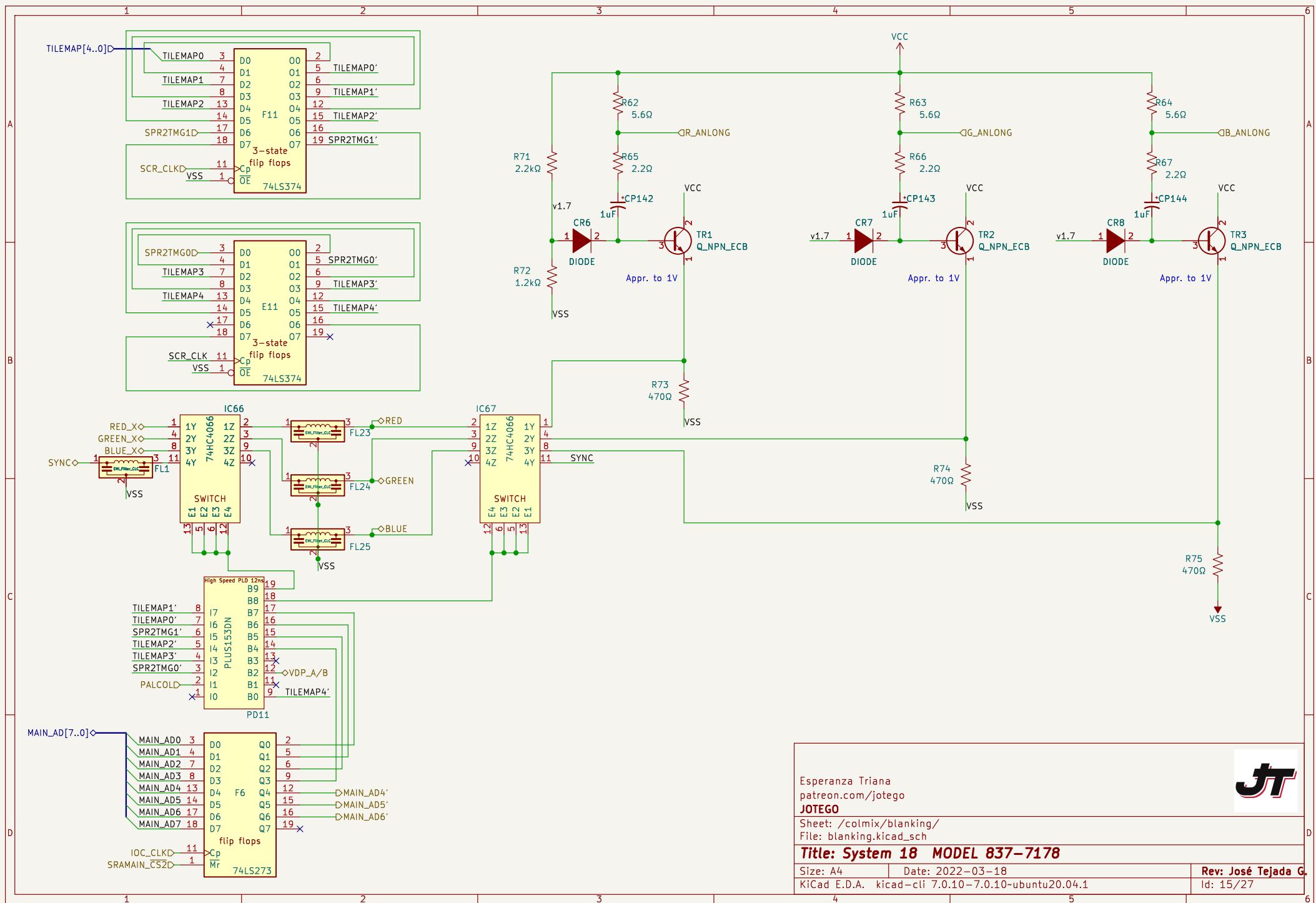












Esperanza Triana
patreon.com/jotego

JOTEGO

Sheet: /comix/blanking/
File: blanking.kicad_sch

Title: System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18

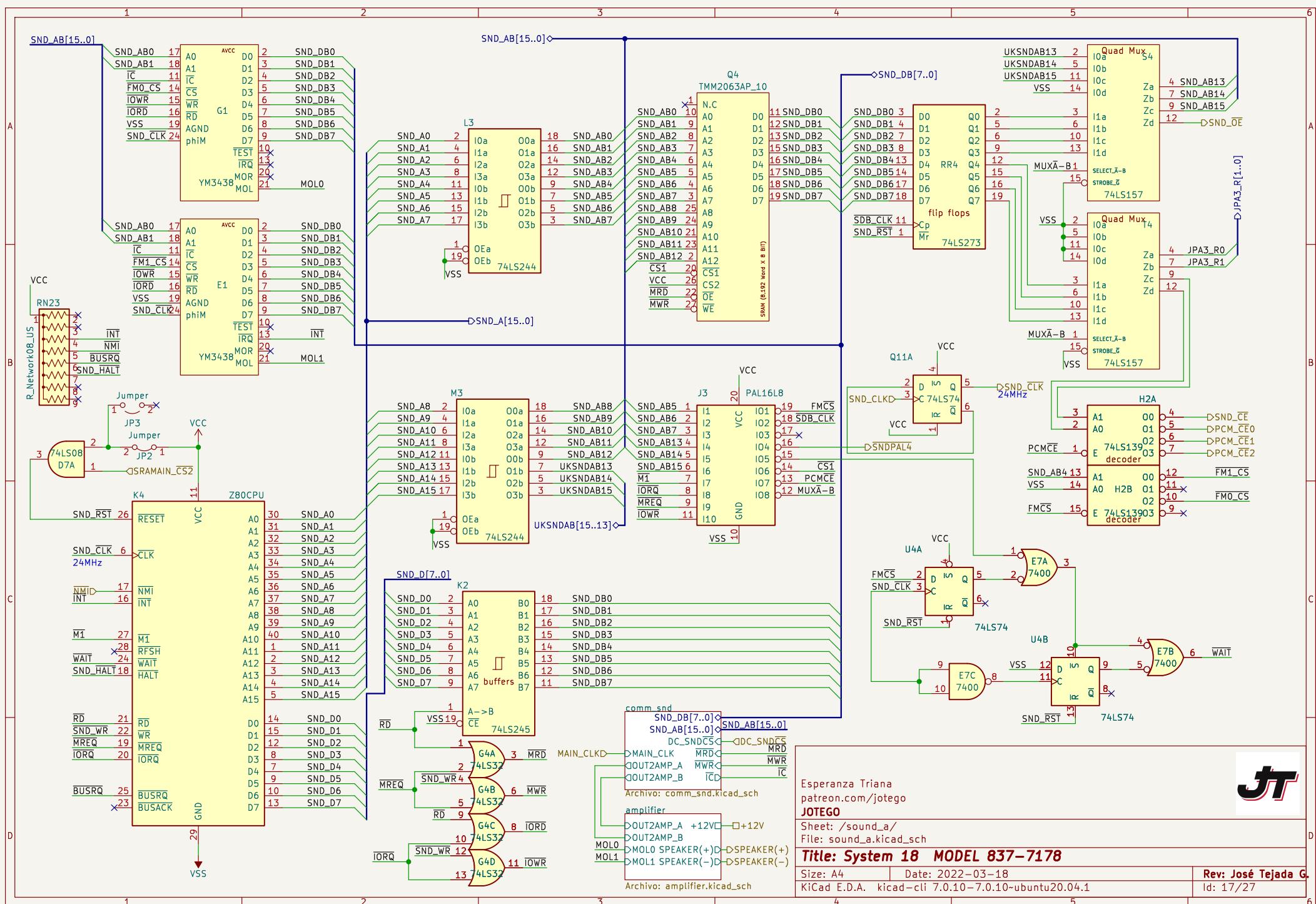
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1

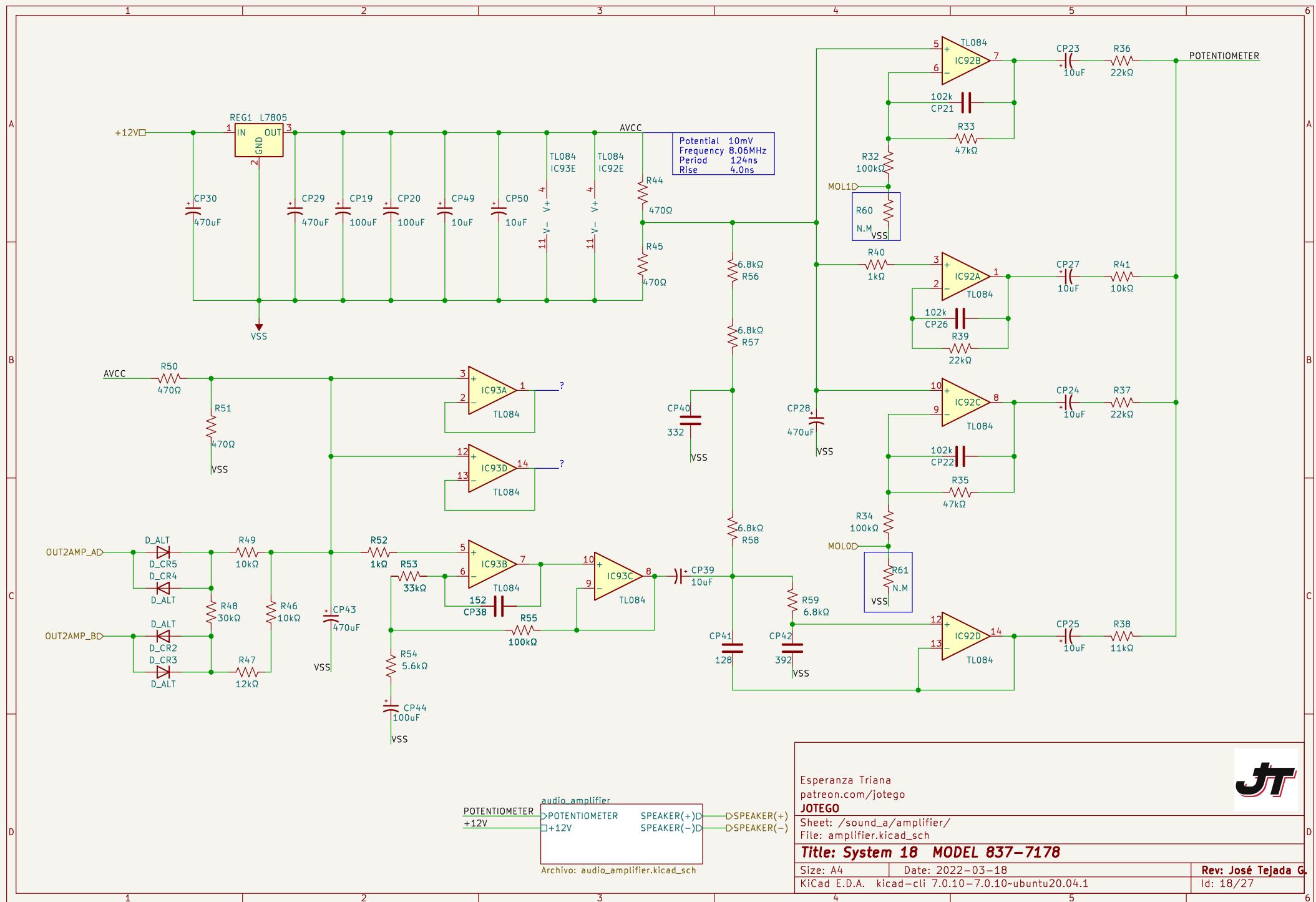


Rev: José Tejada G.

Id: 15/27







audio_amplifier
POTENIOMETER
SPEAKER(+)
SPEAKER(-)
Archivo: audio_amplifier.kicad_sch

Esperanza Triana
patreon.com/jotego

JOTEGO

Sheet: /sound_a/amplifier/
File: amplifier.kicad_sch

Title: System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18

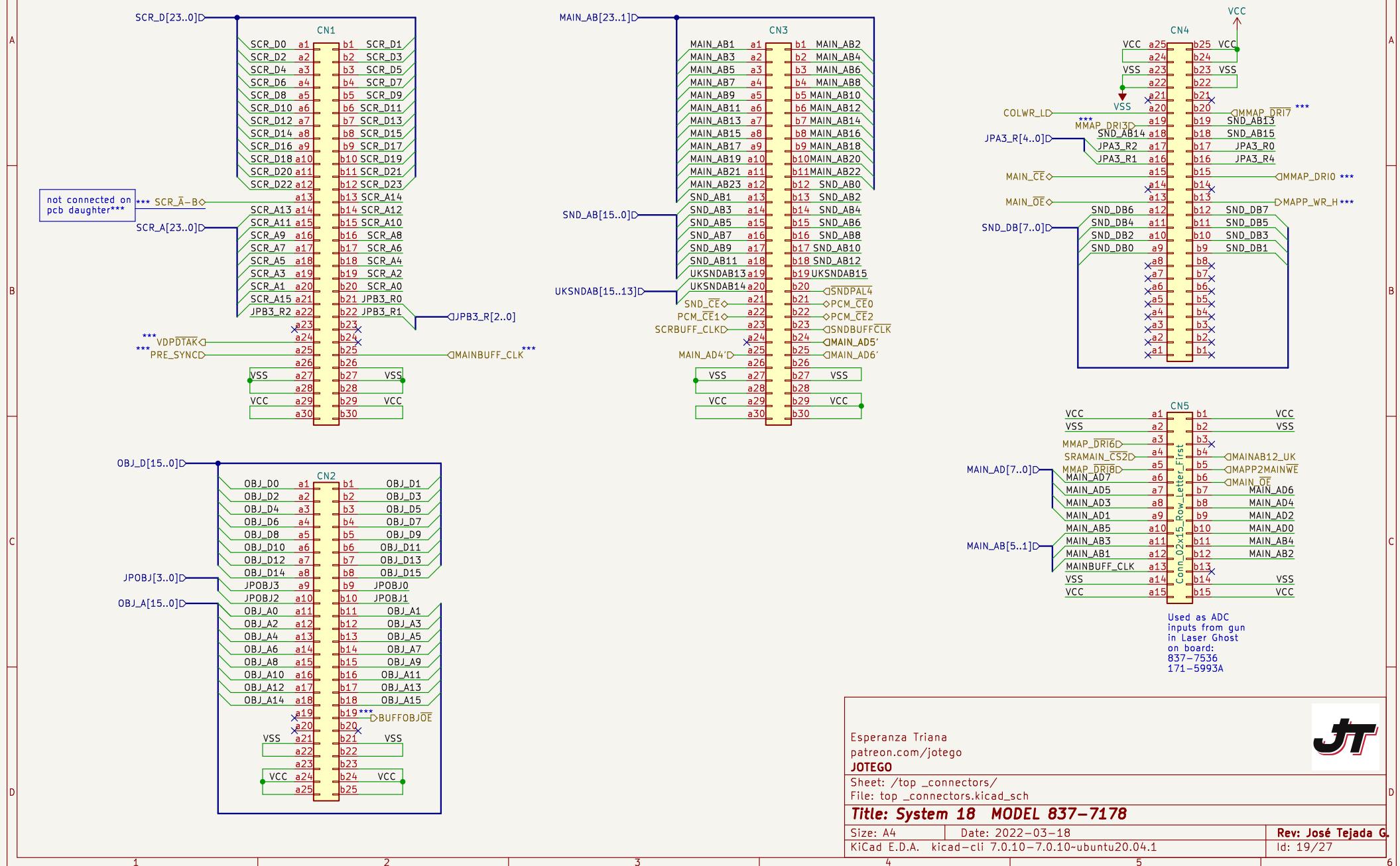
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1

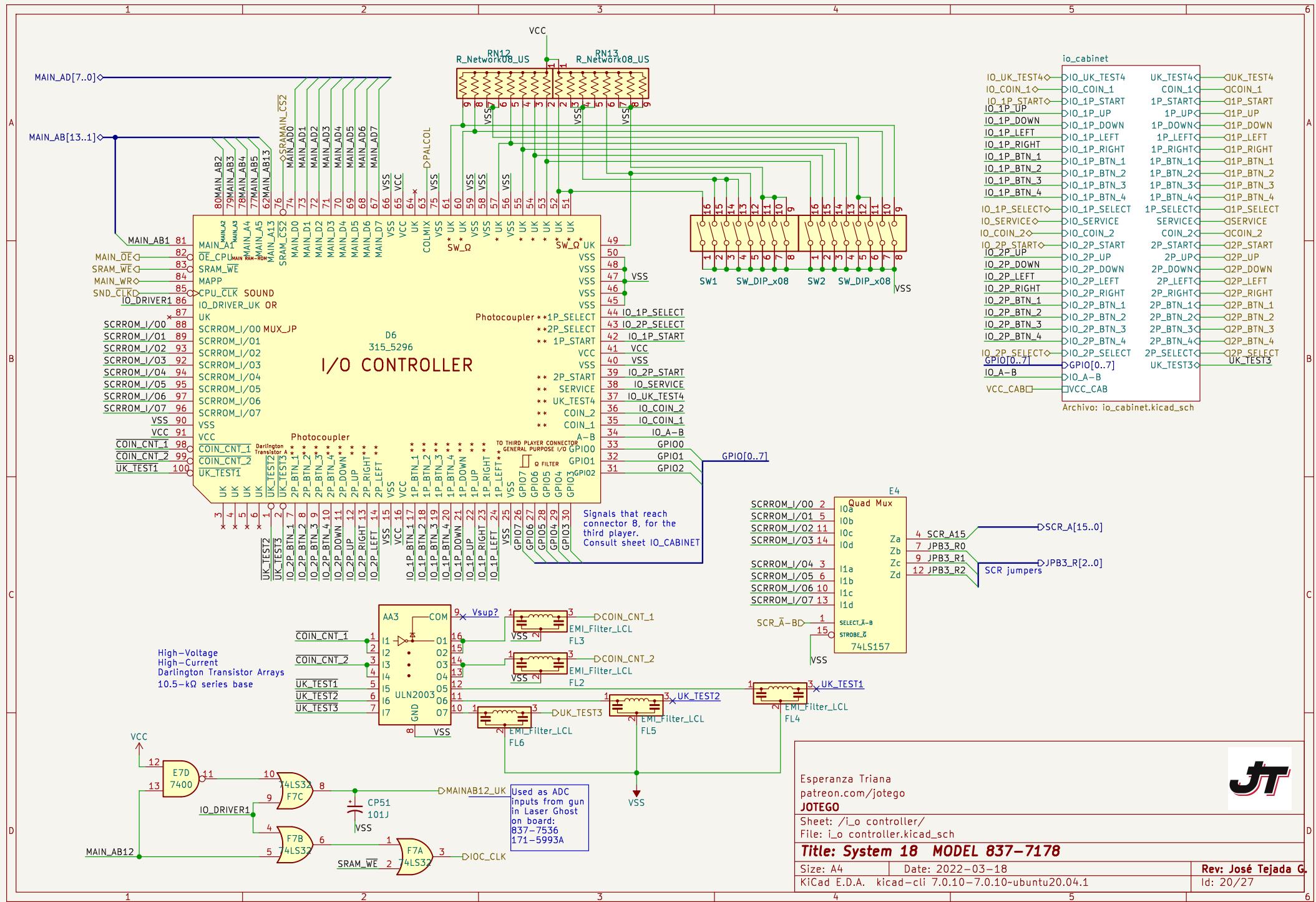


Rev: José Tejada G.

Id: 18/27

MOTHER AND DAUGHTER PCB CONNECTORS





io_cabinet		
IO_UK_TEST4	>IO_UK_TEST4	UK_TEST4
IO_COIN_1	>IO_COIN_1	COIN_1
IO_1P_START	>IO_1P_START	1P_START
IO_1P_UP	>IO_1P_UP	1P_UP
IO_1P_DOWN	>IO_1P_DOWN	1P_DOWN
IO_1P_LEFT	>IO_1P_LEFT	1P_LEFT
IO_1P_RIGHT	>IO_1P_RIGHT	1P_RIGHT
IO_1P_BTN_1	>IO_1P_BTN_1	1P_BTN_1
IO_1P_BTN_2	>IO_1P_BTN_2	1P_BTN_2
IO_1P_BTN_3	>IO_1P_BTN_3	1P_BTN_3
IO_1P_BTN_4	>IO_1P_BTN_4	1P_BTN_4
IO_1P_SELECT	>IO_1P_SELECT	1P_SELECT
IO_SERVICE	>IO_SERVICE	SERVICE
IO_COIN_2	>IO_COIN_2	COIN_2
IO_2P_START	>IO_2P_START	2P_START
IO_2P_UP	>IO_2P_UP	2P_UP
IO_2P_DOWN	>IO_2P_DOWN	2P_DOWN
IO_2P_LEFT	>IO_2P_LEFT	2P_LEFT
IO_2P_RIGHT	>IO_2P_RIGHT	2P_RIGHT
IO_2P_BTN_1	>IO_2P_BTN_1	2P_BTN_1
IO_2P_BTN_2	>IO_2P_BTN_2	2P_BTN_2
IO_2P_BTN_3	>IO_2P_BTN_3	2P_BTN_3
IO_2P_BTN_4	>IO_2P_BTN_4	2P_BTN_4
IO_2P_SELECT	>IO_2P_SELECT	2P_SELECT
GPIO[0..7]	>GPIO[0..7]	UK_TEST3
IO_A-B	>IO_A-B	
VCC_CAB	>VCC_CAB	

Archivo: io_cabinet.kicad_sch

Esperanza Triana
patreon.com/jotego

JOTEGO

Sheet: /i_o_controller/
File: i_o_controller.kicad_sch

Title: System 18 MODEL 837-7178

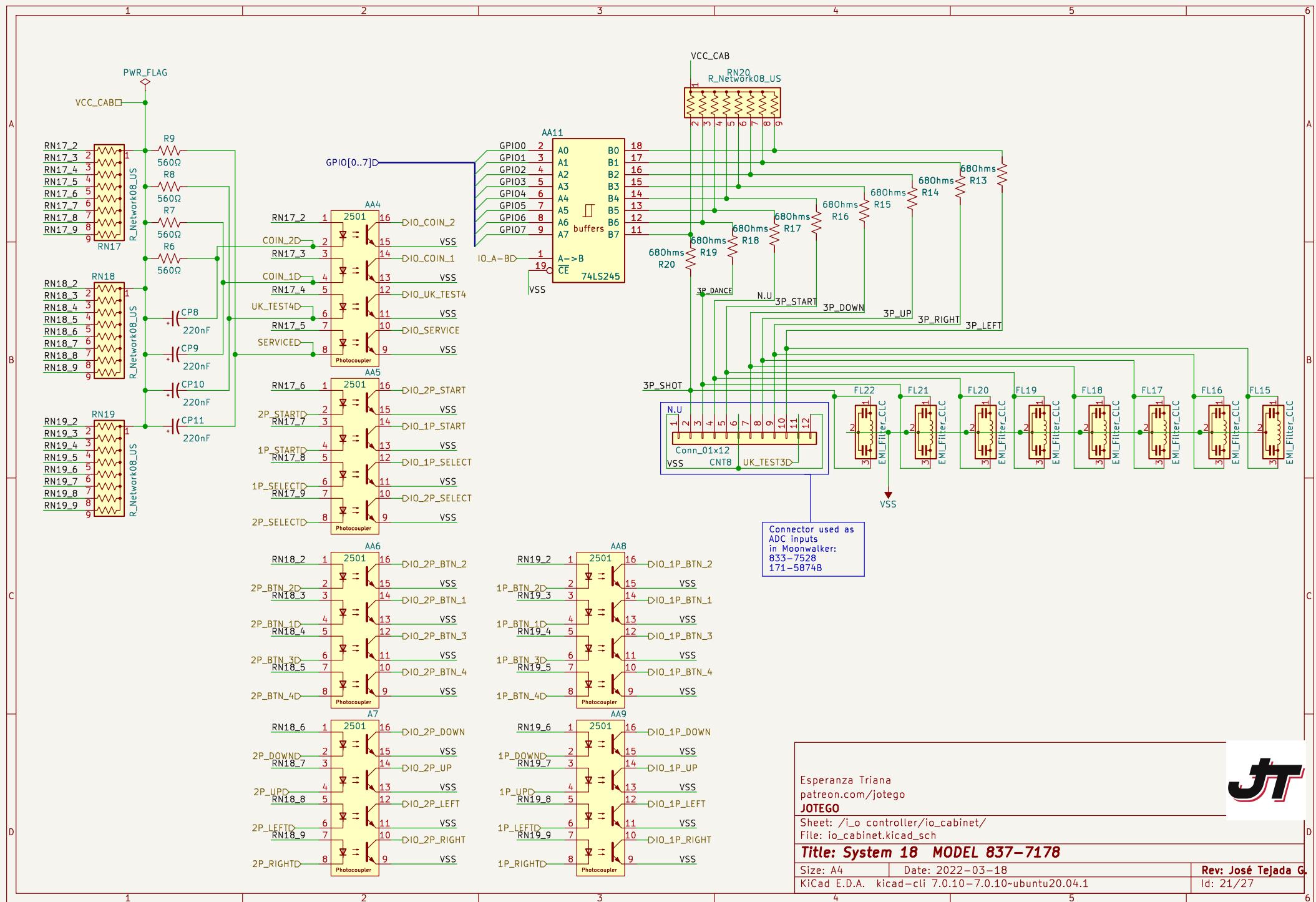
Size: A4 Date: 2022-03-18

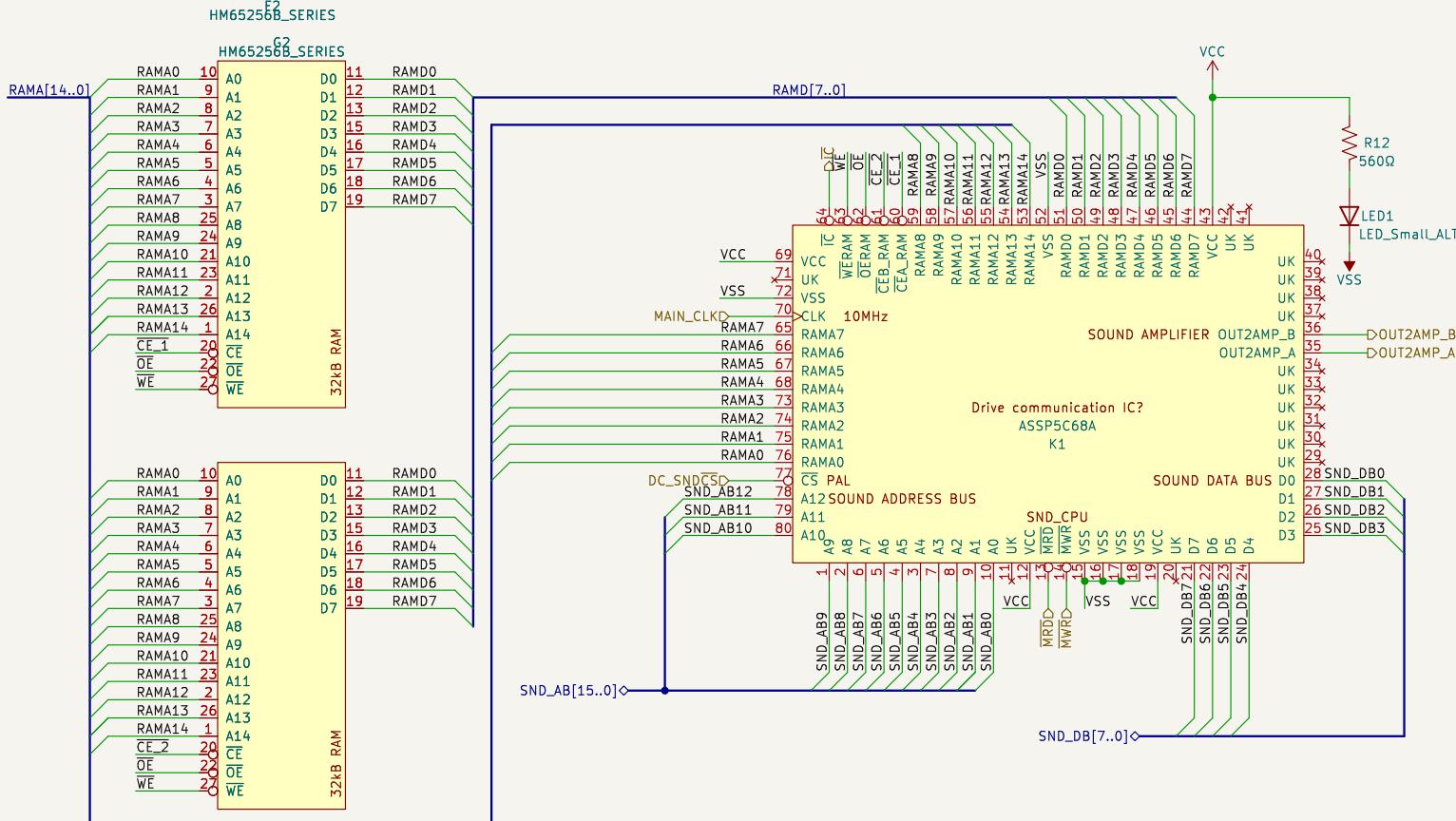
KiCad E.D.A. kicad-cll 7.0.10-7.0.10-ubuntu20.04.1



Rev: José Tejada G.

Id: 20/27





Esperanza Triana
patreon.com/jotego
JOTEGO

Sheet: /sound_a/comm_snd/
File: comm_snd.kicad_sch

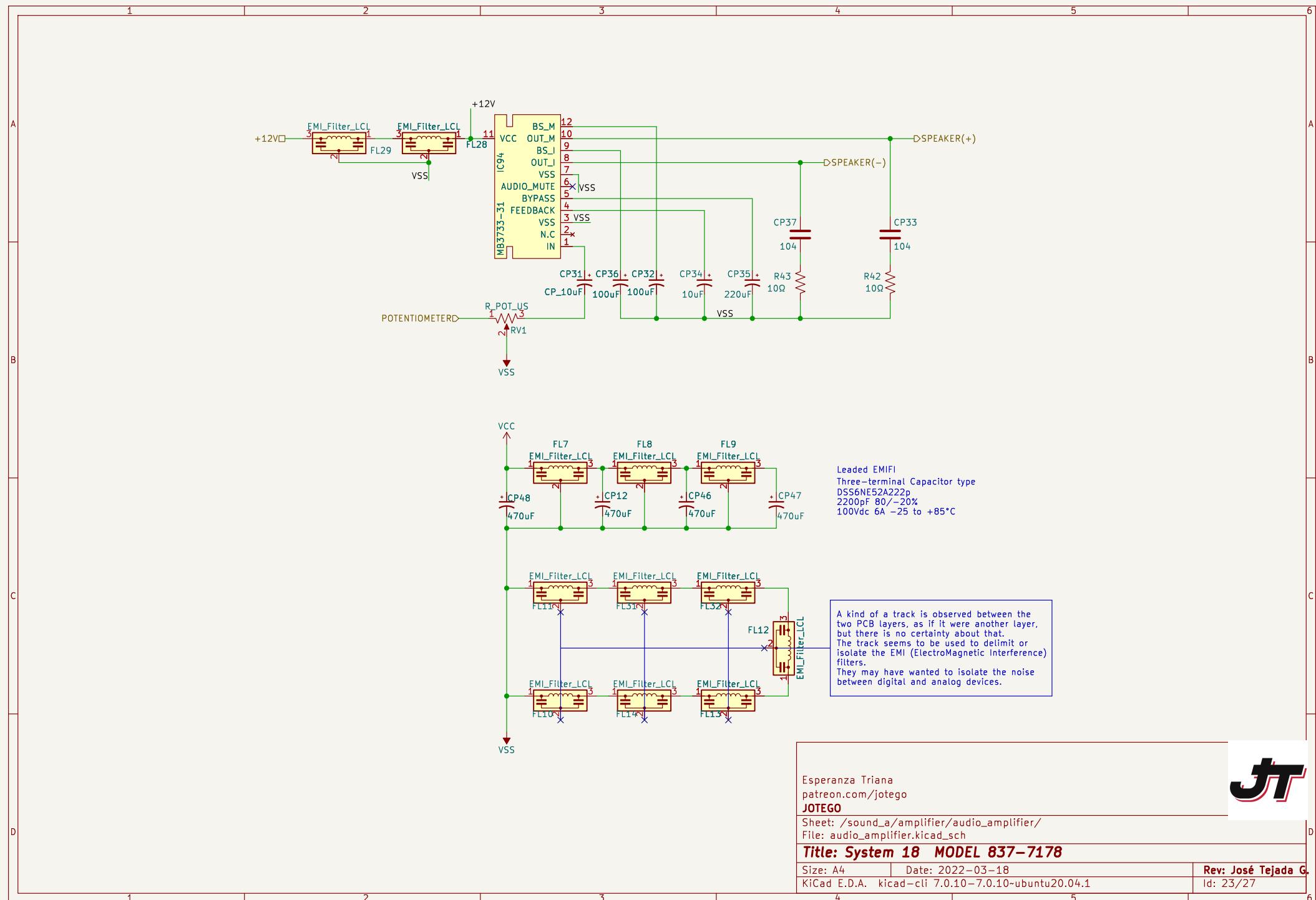
Title: System 18 MODEL 837-7178

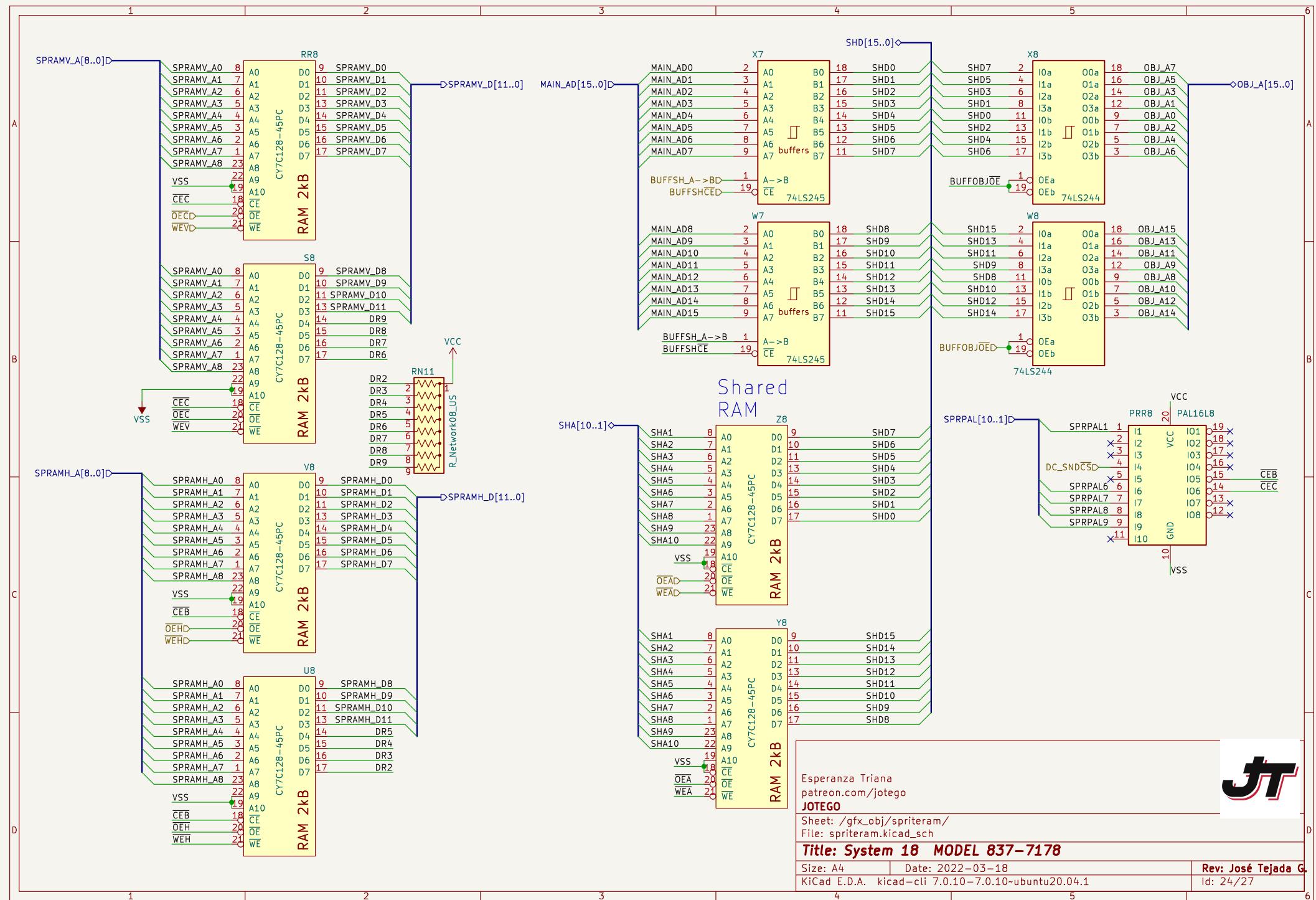
Size: A4 Date: 2022-03-18

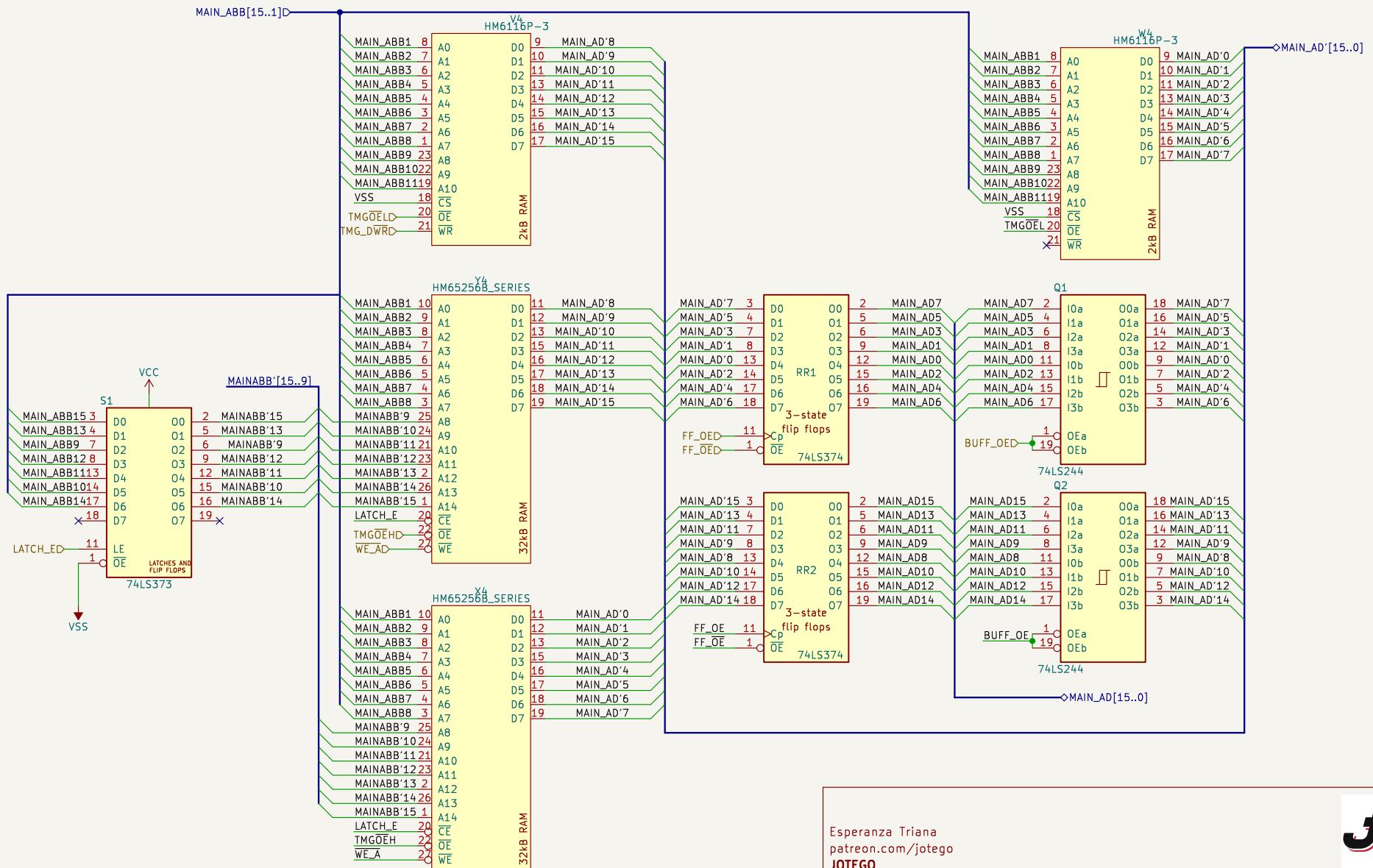
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1



Rev: José Tejada G.
Id: 22/27







Esperanza Triana
patreon.com/jotego
JOTEGO

Sheet: /gfx_scr/tilemapg_ram/
File: tilemapg_ram.kicad_sch

Title: System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18
KiCad E.D.A. kicad-cll 7.0.10-7.0.10-ubuntu20.04.1



Rev: José Tejada G.
Id: 25/27

1 2 3 4 5 6

A

A

B

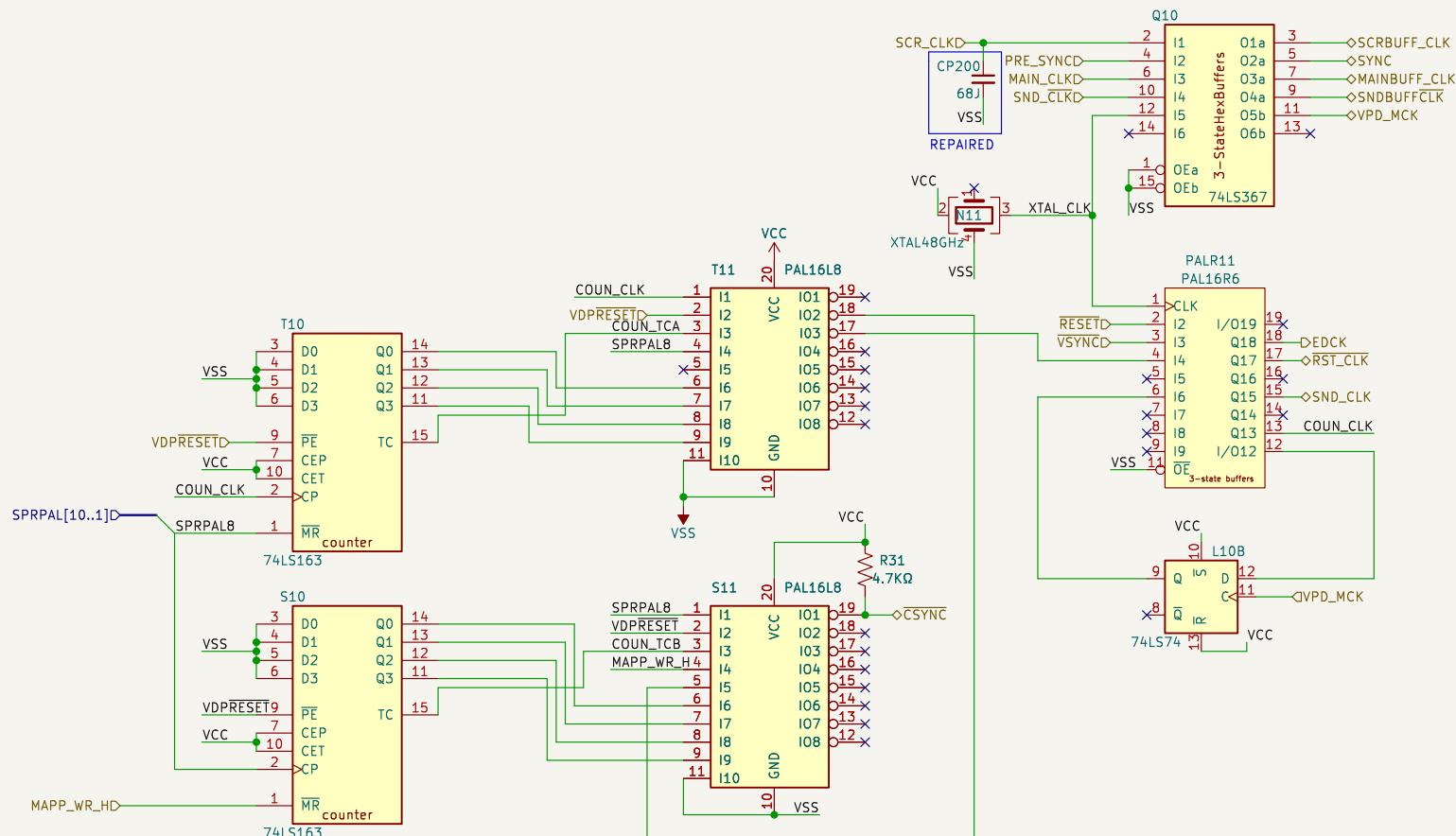
B

C

C

D

D



Esperanza Triana
patreon.com/jotego
JOTEGO

Sheet: /watch_drivers/
File: watch_drivers.kicad_sch

Title: System 18 MODEL 837-7178

Size: A4 Date: 2022-03-18
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1
Id: 26/27



1 2 3 4 5 6

Sega System 18

The Sega System 18 is an arcade game system released by Sega in 1989. The System 18 had a short catalog of games. Most of its boards followed JAMMA standards. Many of these games also had a suicide battery, just like with the Sega System 16 hardware.

Characteristics

Main CPU: Motorola 68000 @ 10 MHz
 Sound: Zilog Z80 @ 8 MHz
 Sound Chip: 2 x Yamaha YM3438 @ 8 MHz + Ricoh RF5c68 @ 10 MHz
 (8 Channel PCM Chip, named as "Sega Custom 315")
 Screen resolution: 320 x 224
 Palette: 4096 colors
 Board Composition: Main Board + ROM Board

Games List

Alien Storm (1990)
 Bloxed (1989)
 Clutch Hitter (1991)
 D.D. Crew (1991)
 Desert Breaker (1992)
 Laser Ghost (1990)
 Michael Jackson's Moonwalker (1990)
 Pontoon (1989)
 Shadow Dancer (1989)
 Wally wo Sagase! (1992)

This work contains a derivative translation of "List of Sega arcade system boards#Sega System 18" from the English Wikipedia, published by its publishers under the GNU Free Documentation License and the Creative Commons Attribution-ShareAlike 3.0 Unported License.

Esperanza Triana
patreon.com/jotego
JOTEGO

Sheet: /description/
 File: description.kicad_sch

Title: System 18 MODEL 837-7178

Size: A4 | Date: 2022-03-18
 KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1



Rev: José Tejada G.
 Id: 27/27