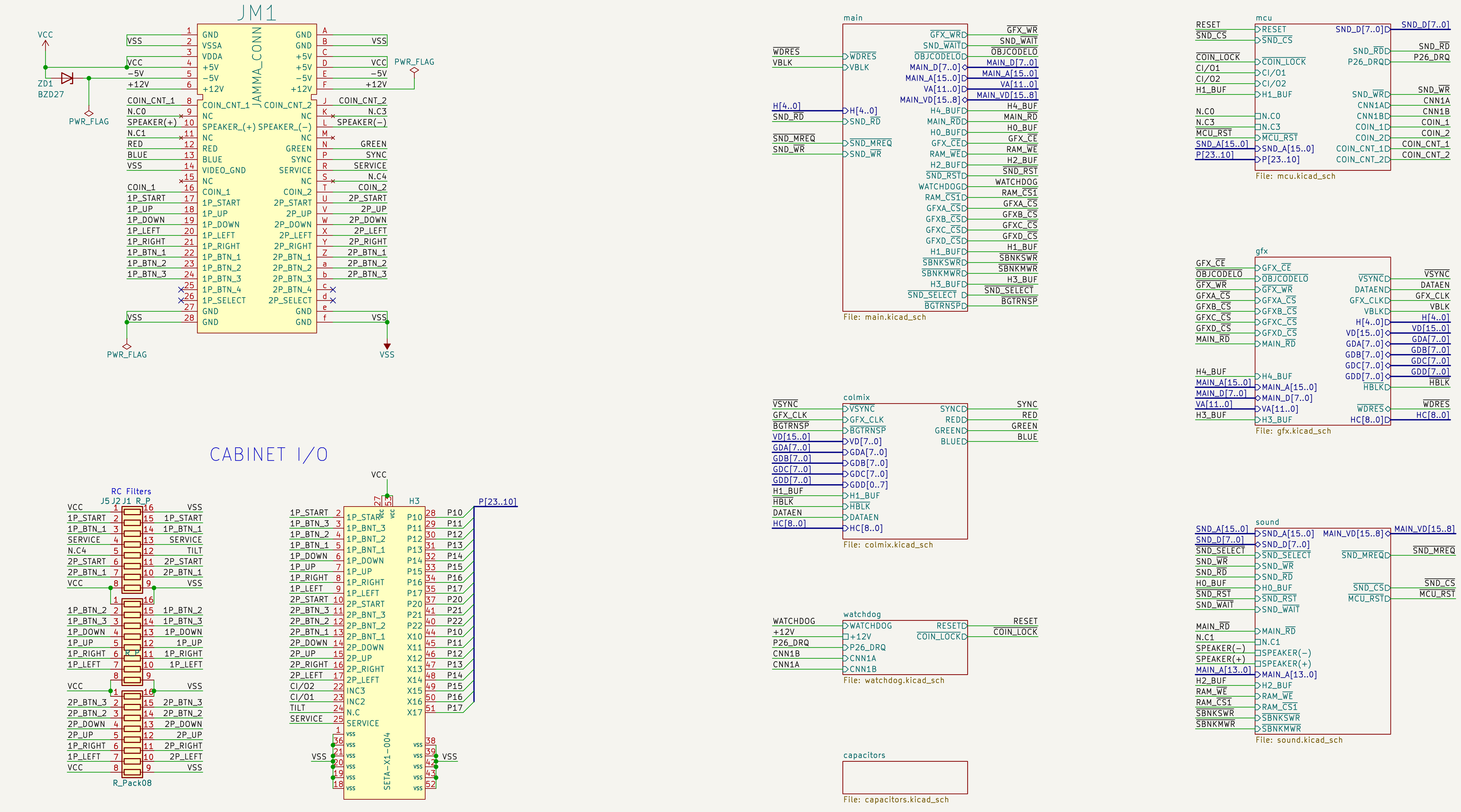
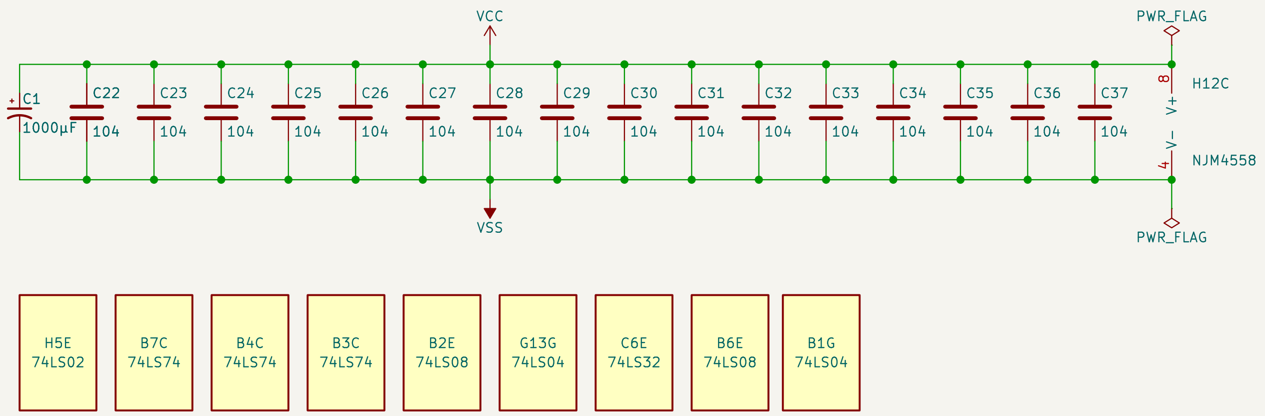


JOTEGO
Sheet: /
File: exterm.kicad_sch

Title: EXTERMINATION

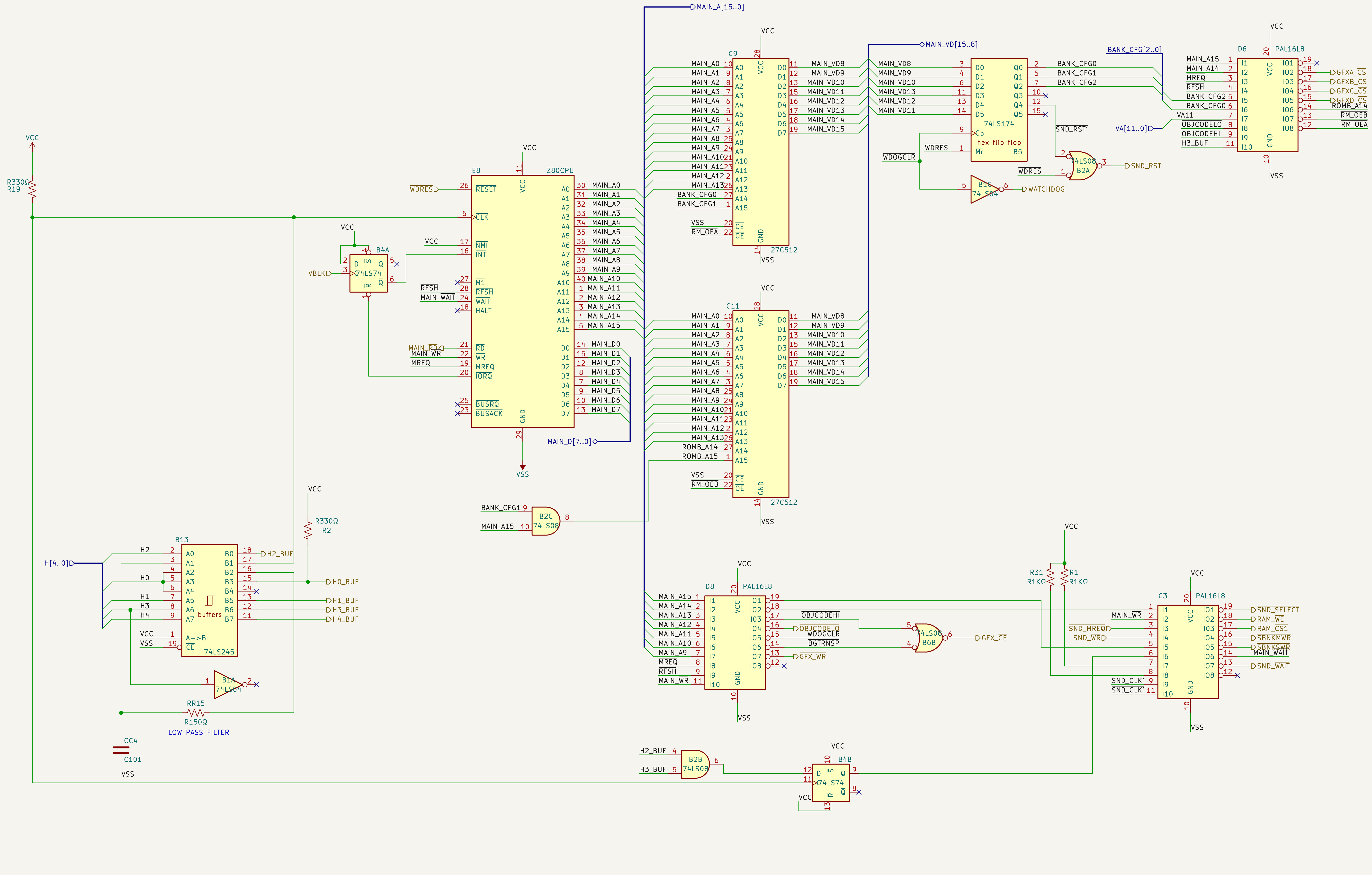
Size: A3 Date: 29/08/2022 **Rev: José Tejada G.**
KiCad E.D.A. 8.0.6 Id: 1/10



JOTEGO
Sheet: /capacitors/
File: capacitors.kicad_sch

Title: *EXTERMINATION*

Size: A3 | Date: 29/08/2022 | **Rev: José Tejada G.**
KiCad E.D.A. 8.0.6 | Id: 2/10



JOTEGO

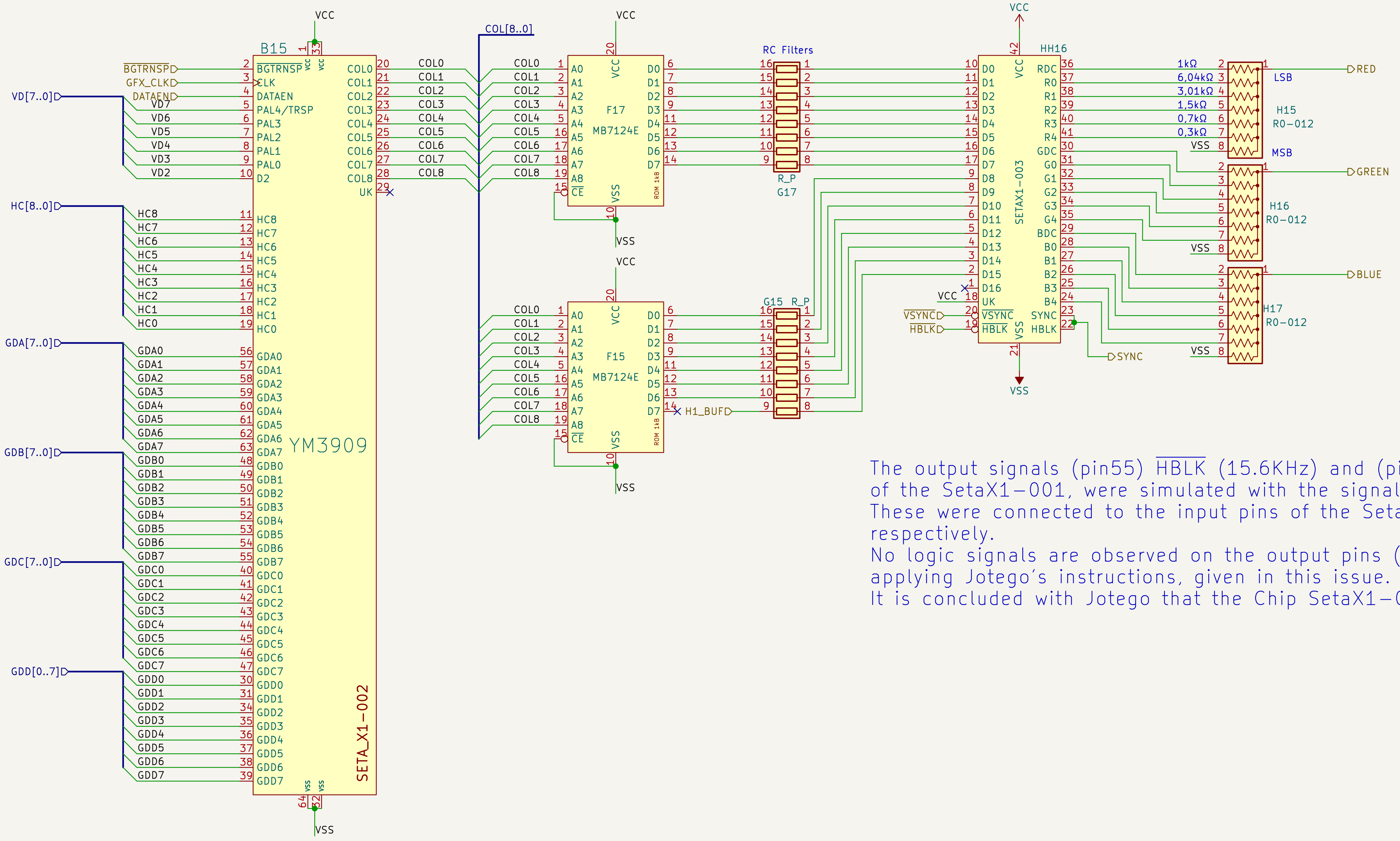
Sheet: /main/

File: main.kicad_sch

Title: EXTERMINATION

Size: A3 Date: 29/08/2022 **Rev: José Tejada G.**

KiCad E.D.A. 8.0.6 Id: 3/10

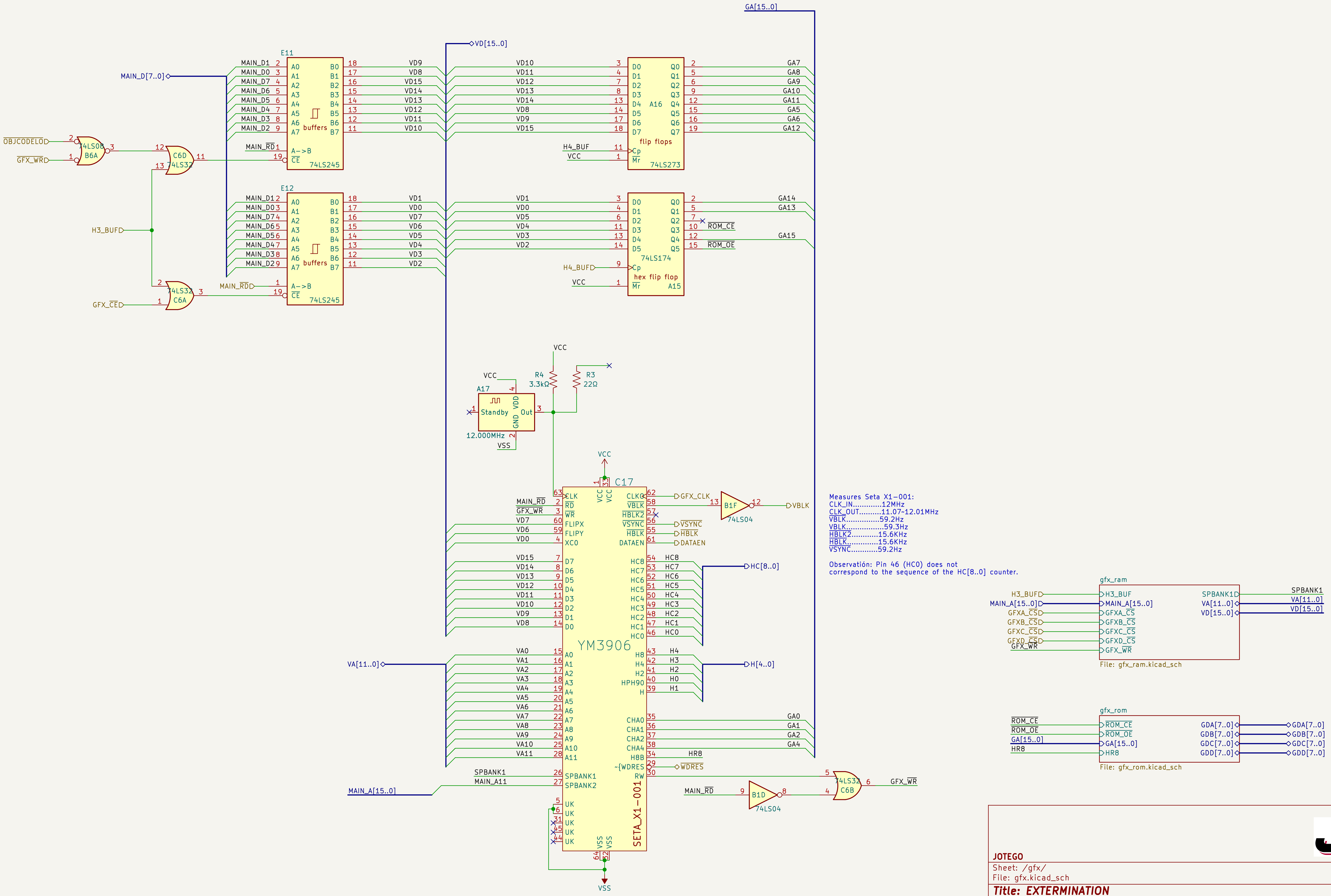


The output signals (pin55) $\overline{\text{HBLK}}$ (15.6KHz) and (pin56) $\overline{\text{VSYNC}}$ (59.2 Hz)
of the SetaX1-001, were simulated with the signal generator and an inverter.
These were connected to the input pins of the SetaX01-003 (pin 19 - 20),
respectively.
No logic signals are observed on the output pins (22-23) HBLK - SYNC,
applying Jotego's instructions, given in this issue.
It is concluded with Jotego that the Chip SetaX1-001 is broken.

JOTEGO
Sheet: /colmix/
File: colmix.kicad_sch

Title: *EXTERMINATION*

Size: A3	Date: 29/08/2022	**Rev: José Tejada G.**
KiCad E.D.A. 8.0.6		Id: 4/10



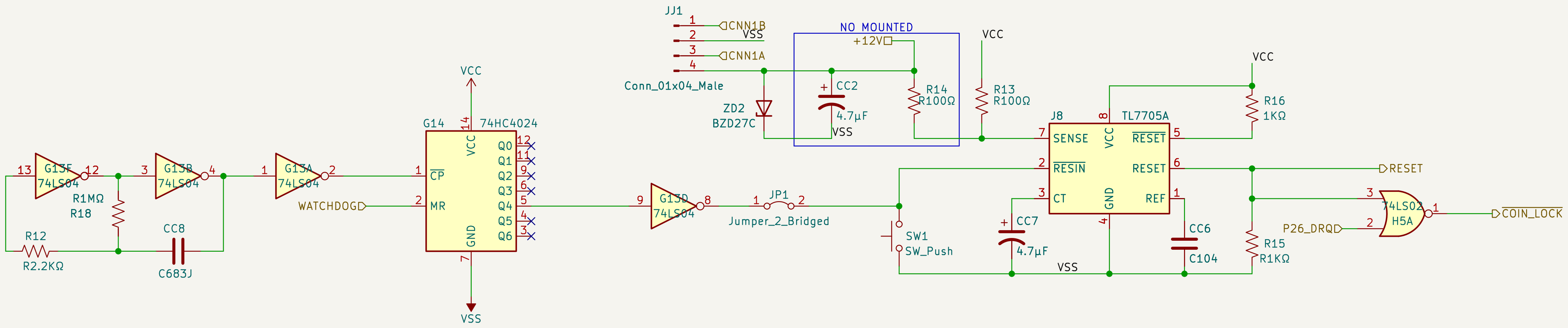
Measures Seta X1-001:
CLK_IN.............12MHz
CLK_OUT..........11.07-12.01MHz
VBLK..............59.2Hz
VBLK................59.3Hz
HBLK2...........15.6KHz
HBLK............15.6KHz
VSYNC...........59.2Hz

Observación: Pin 46 (HC0) does not correspond to the sequence of the HC[8..0] counter.

JOTEGO
Sheet: /gfx/
File: gfx.kicad_sch

Title: EXTERMINATION

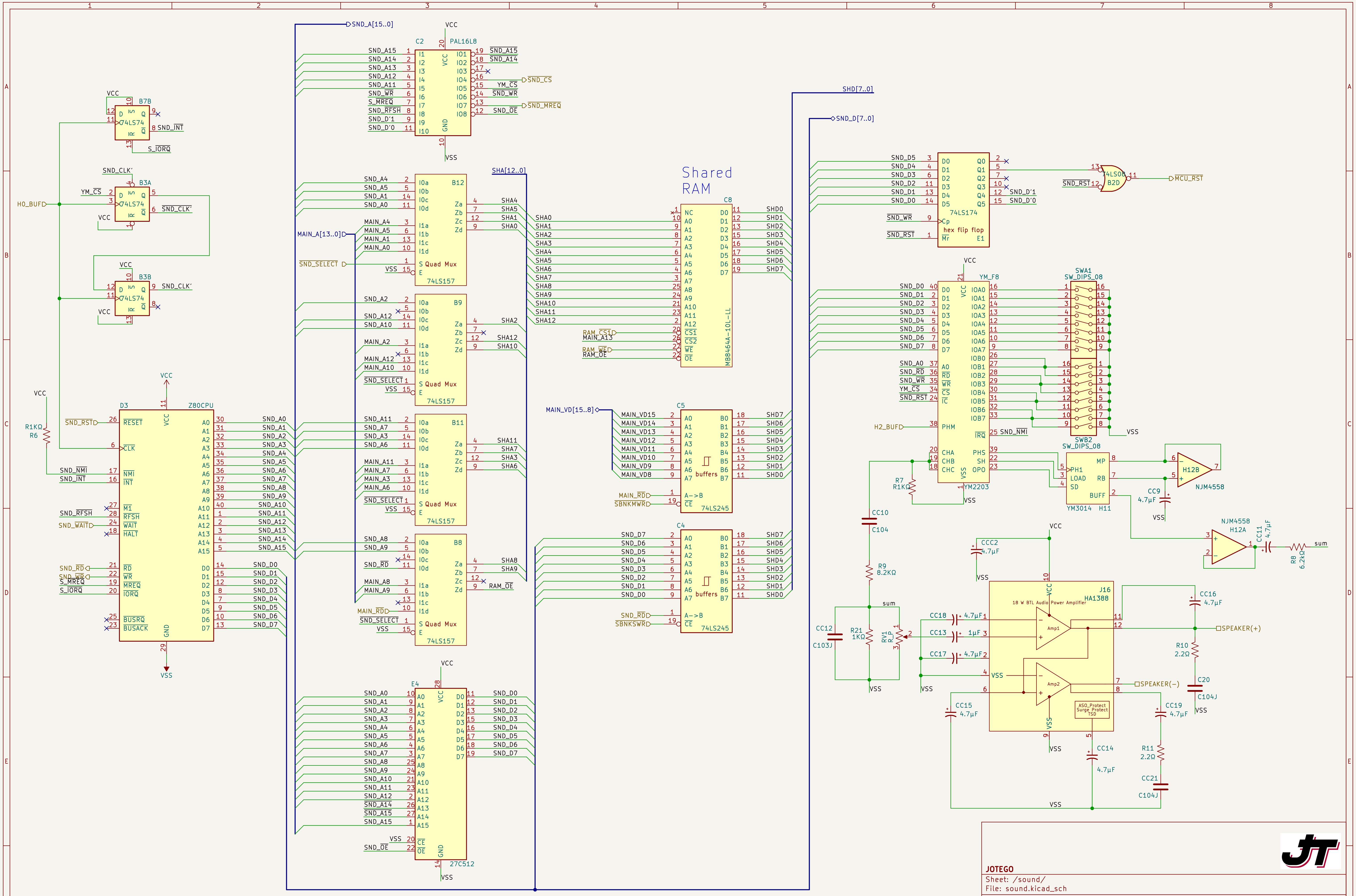
Size: A3
Date: 29/08/2022
Rev: José Tejada G.
KiCad E.D.A. 8.0.6
Id: 5/10



JOTEGO
Sheet: /watchdog/
File: watchdog.kicad_sch

Title: EXTERMINATION

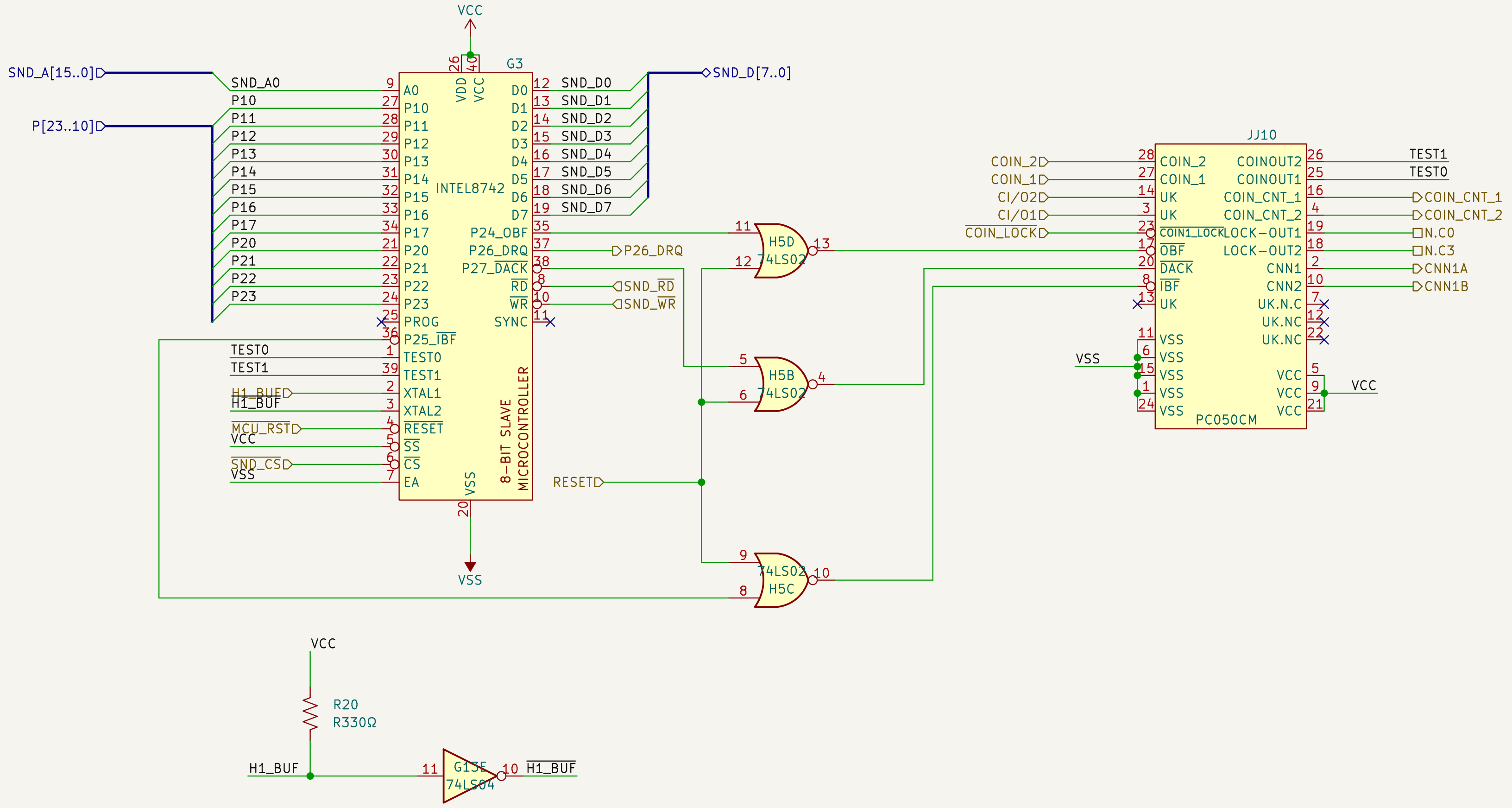
Size: A3
Date: 29/08/2022
Rev: José Tejada G.
KiCad E.D.A. 8.0.6
Id: 6/10



JOTEGO
Sheet: /sound/
File: sound.kicad_sch

Title: EXTERMINATION

Size: A3 Date: 29/08/2022 **Rev: José Tejada G.**
KiCad E.D.A. 8.0.6 Id: 7/10



JOTEGO

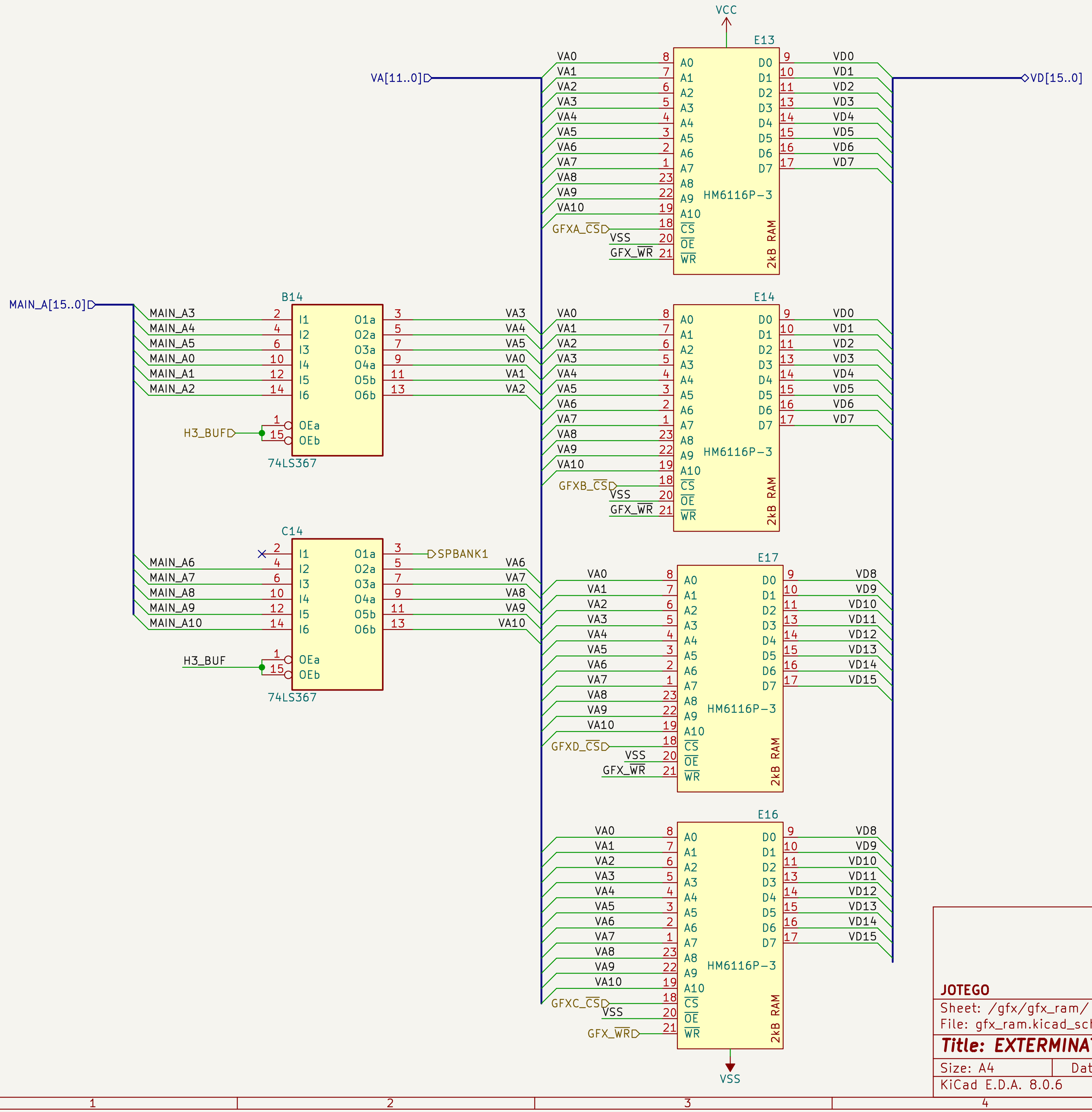
Sheet: /mcu/

File: mcu.kicad_sch

Title: EXTERMINATION

Size: A3 Date: 29/08/2022 **Rev: José Tejada G.**

KiCad E.D.A. 8.0.6 Id: 8/10



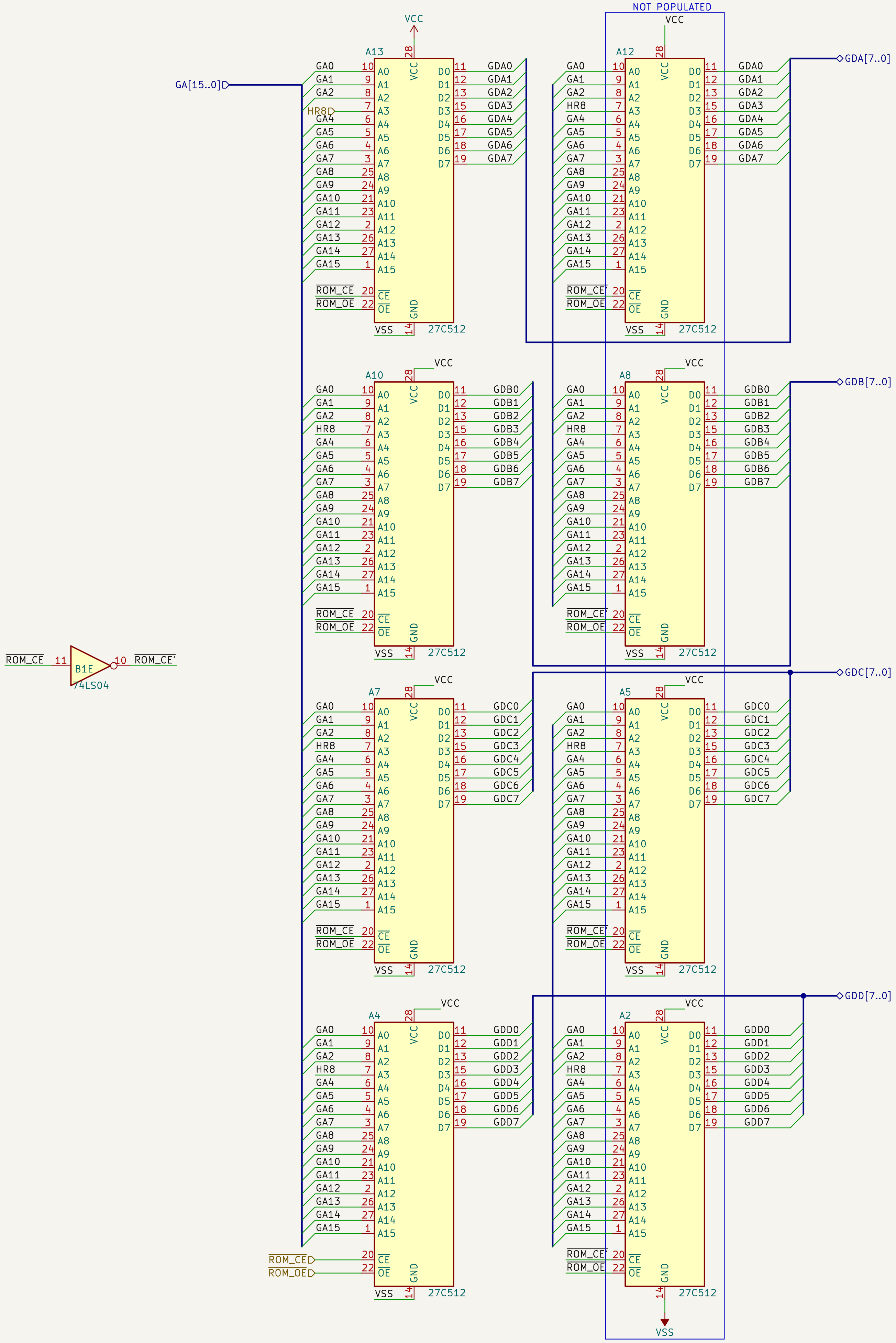
JOTEGO

Sheet: /gfx/gfx_ram/

File: gfx_ram.kicad_sch

Title: EXTERMINATION

Size: A4	Date: 29/08/2022	Rev: José Tejada G.
KiCad E.D.A. 8.0.6		Id: 9/10



JOTEGO

Sheet: /gfx/gfx_rom/

File: gfx_rom.kicad_sch

Title: EXTERMINATION

Size: A3 Date: 29/08/2022 **Rev: José Tejada G.**

KiCad E.D.A. 8.0.6 Id: 10/10