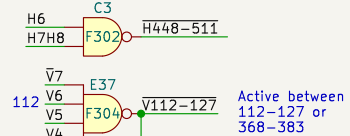
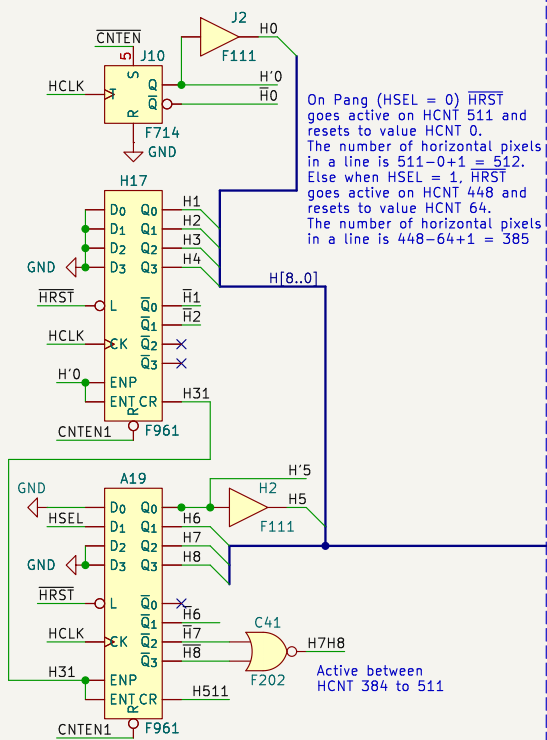
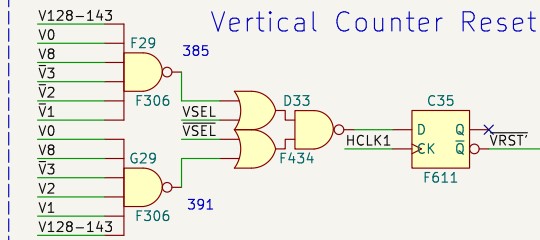


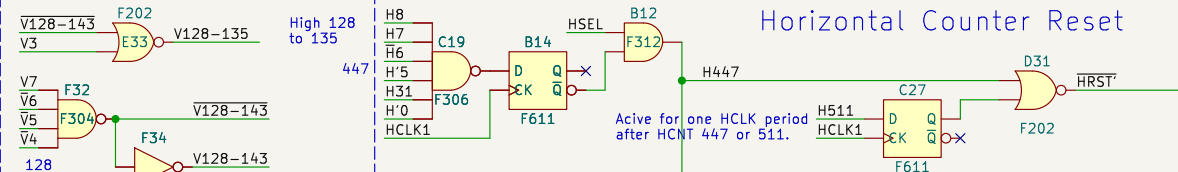
Horizontal Counter



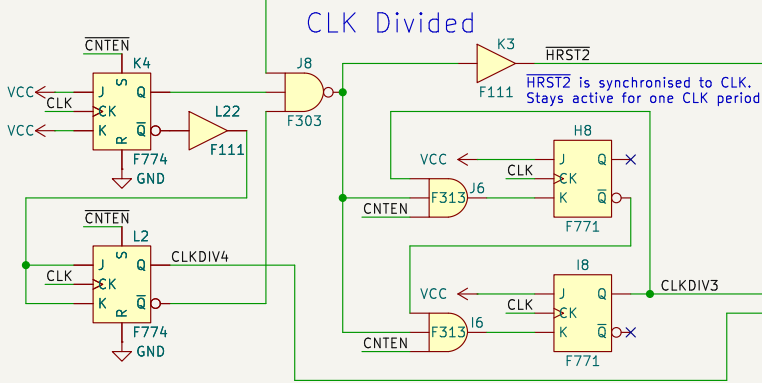
Vertical Counter Reset



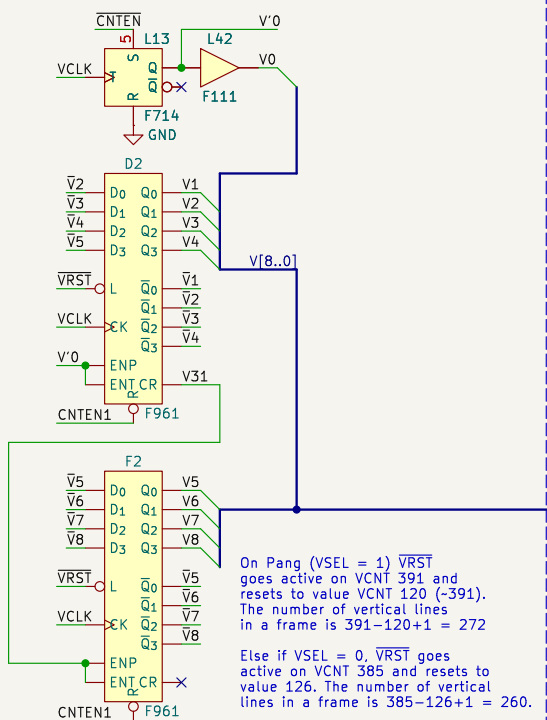
Horizontal Counter Reset



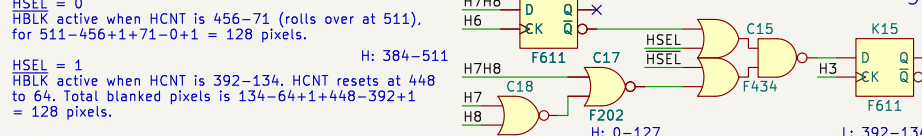
CLK Divided



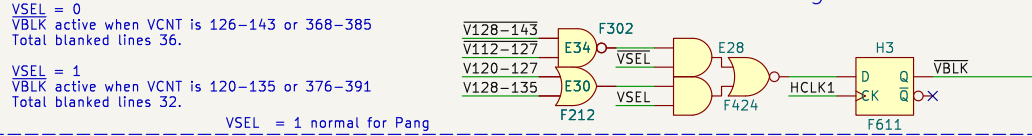
Vertical Counter



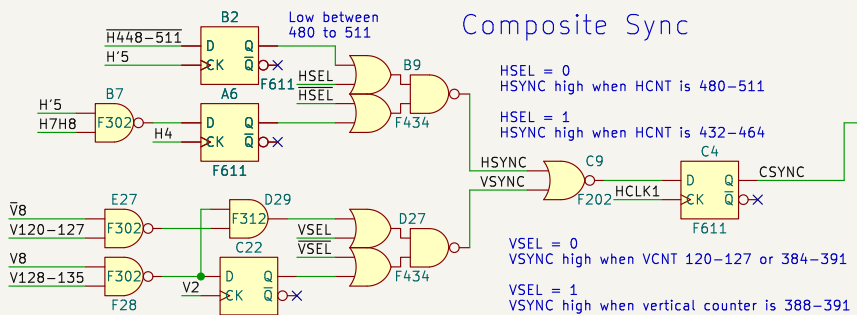
Horizontal Blanking



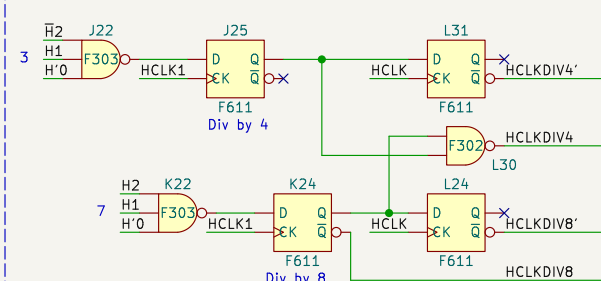
Vertical Blanking



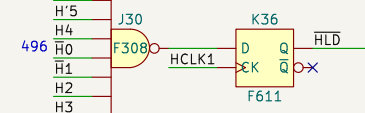
Composite Sync



HCLK divided



HLD active at HCNT 497



Timing

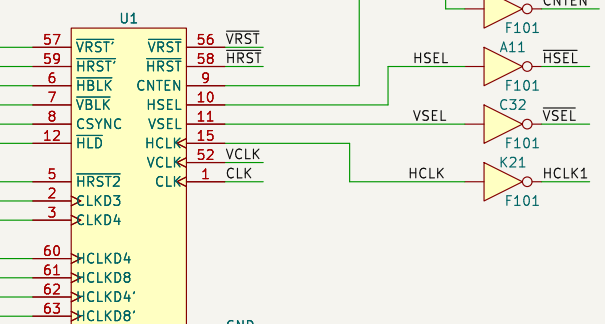


The Schematics have been analyzed from a die picture by InfoSecDJ. The chip is identified as:

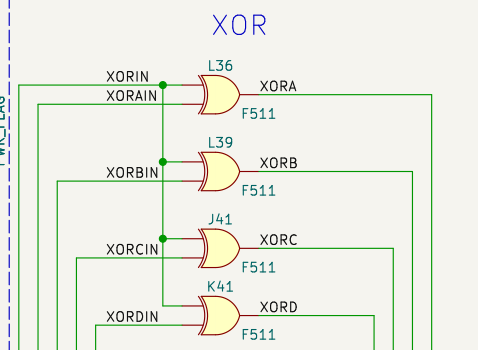
NEC 65006-103

It is a uPD65000 (CMOS-2) series, 3-micron gate array.
- 528 Basic Cells
- 12 Columns, 44 Rows

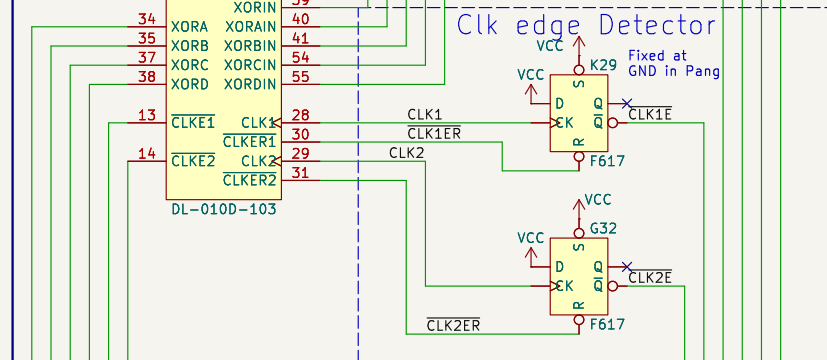
CNTEN Connected to VCC on pang



XOR



Clk edge Detector



Ulf Skutnabba, twitter: @skutis77

Sheet: /
File: dl-010d-103.kicad_sch

Title: **Capcom DL-010D-103**

Size: A3 Date: 2025-09-18
KiCad E.D.A. 8.0.9

Rev:
Id: 1/2



HSEL = 0, VSEL = 1 is used on all games on the Capcom/Mitchell platform.

Total pixels: 512

Active pixels: 384

Blanked pixels: 128

Pixel clock: 8Mhz

Hsync frequency: 15.625kHz

Vertical lines: 272

Blanked lines: 32

Vsync frequency: 57.44485Hz

Sheet: /Timing/
File: timing.kicad_sch

Title:

Size: A3

Date: 2025-09-18

Rev:

KiCad E.D.A. 8.0.9

Id: 2/2