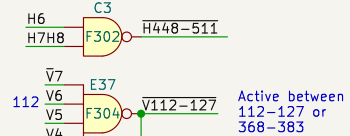
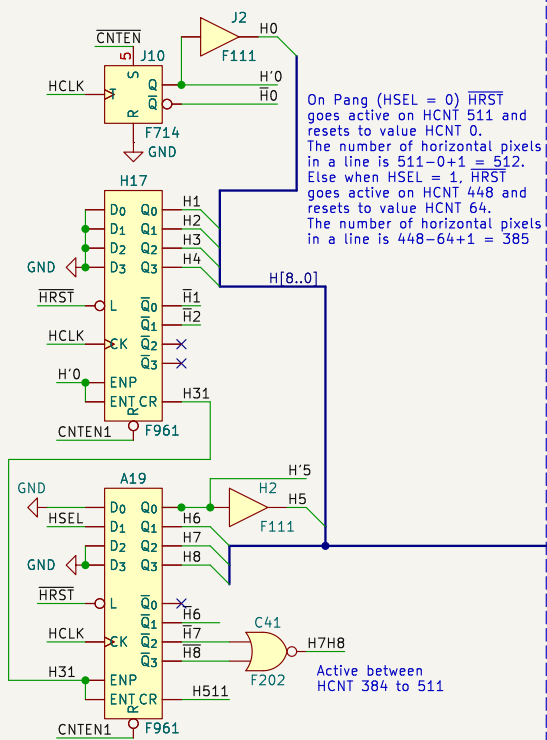
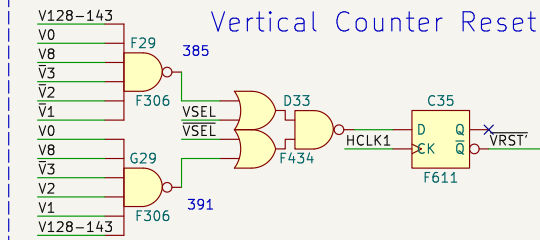


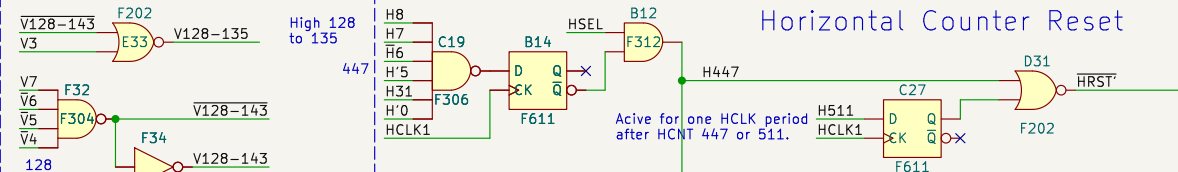
Horizontal Counter



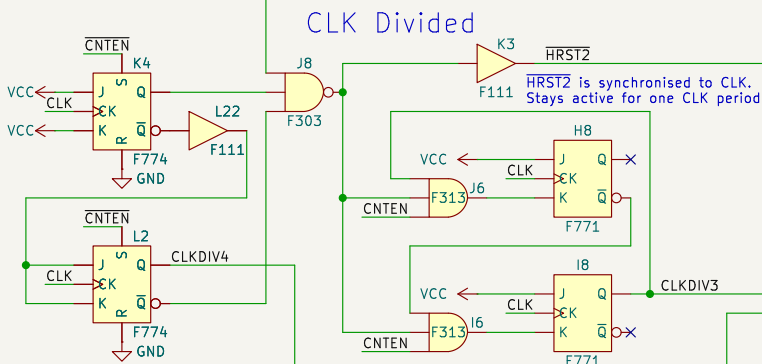
Vertical Counter Reset



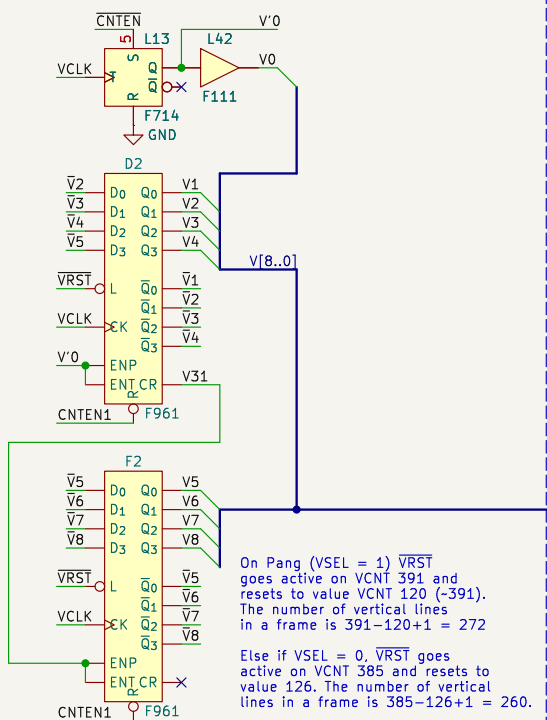
Horizontal Counter Reset



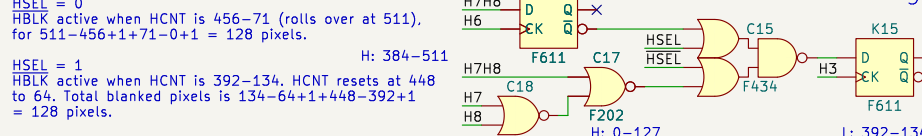
CLK Divided



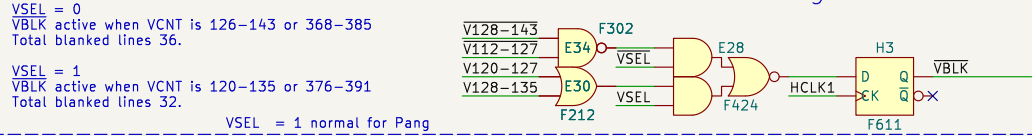
Vertical Counter



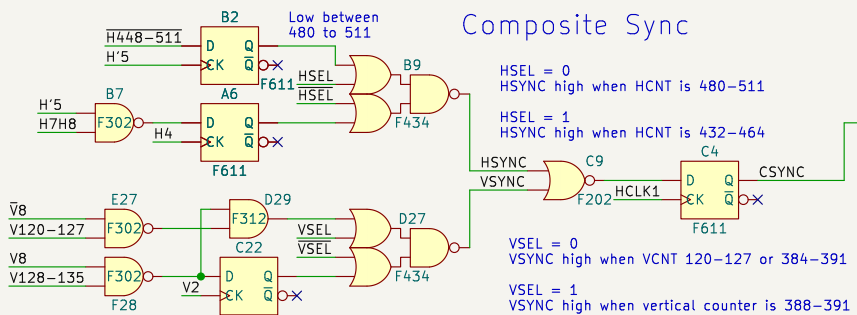
Horizontal Blanking



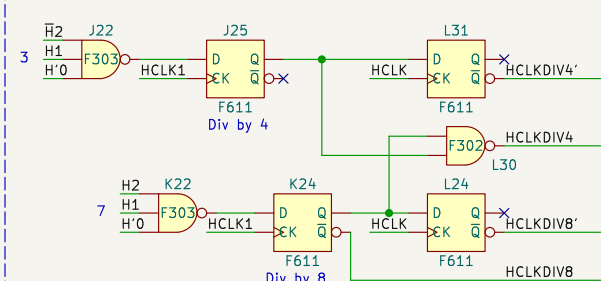
Vertical Blanking



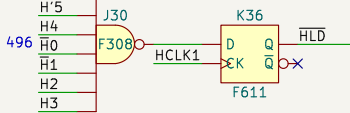
Composite Sync



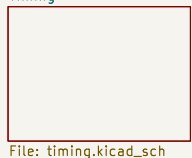
HCLK divided



HLD active at HCNT 497



Timing

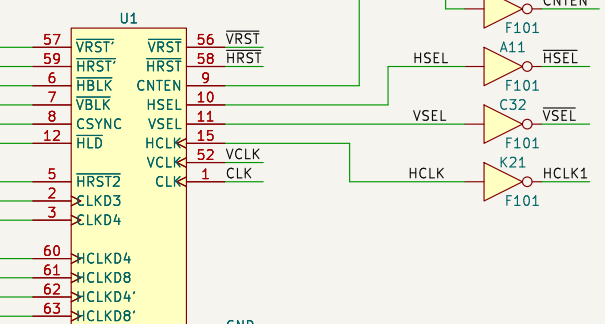


The Schematics have been analyzed from a die picture by InfoSecDJ. The chip is identified as:

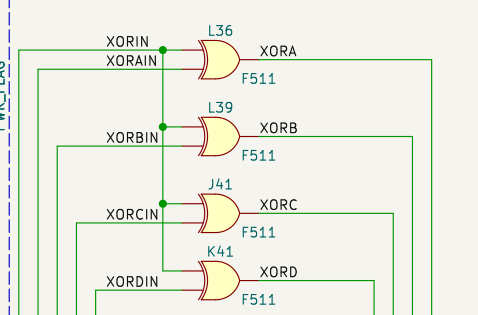
NEC 65006-103

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

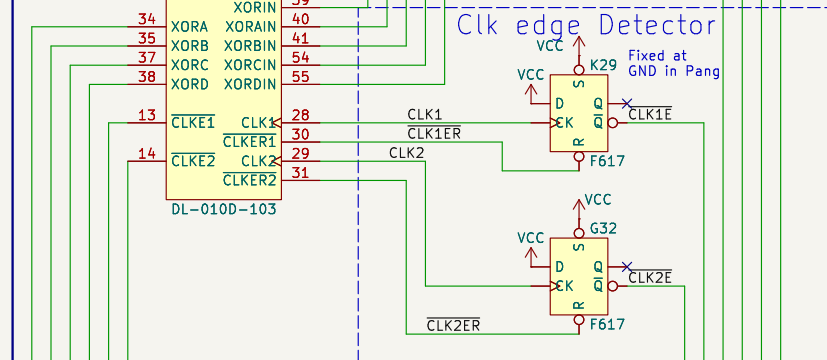
CNTEN Connected to VCC on pang



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



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File: timing.kicad_sch

Title:

Size: A3

Date: 2025-09-18

Rev:

KiCad E.D.A. 8.0.9

Id: 2/2