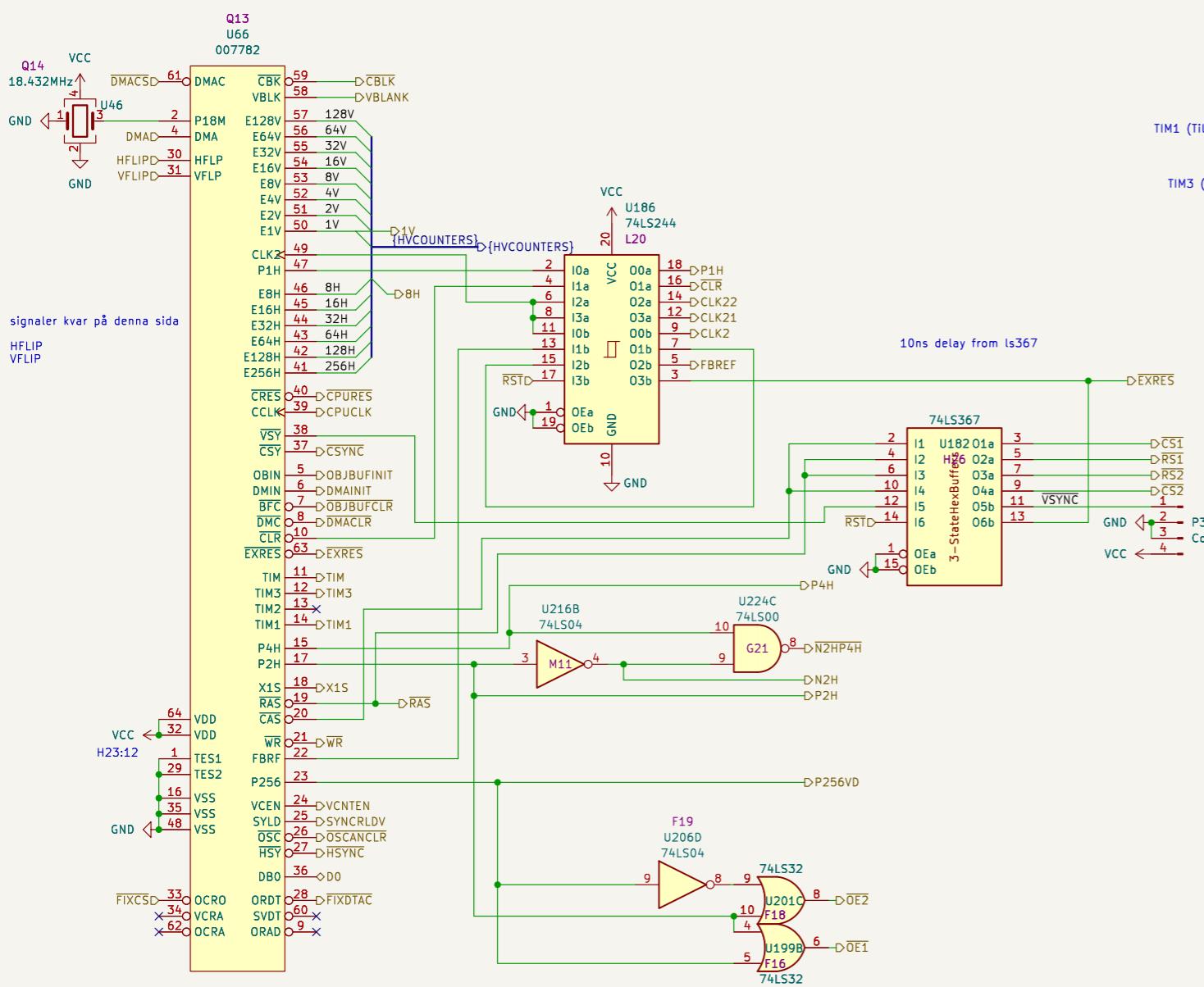
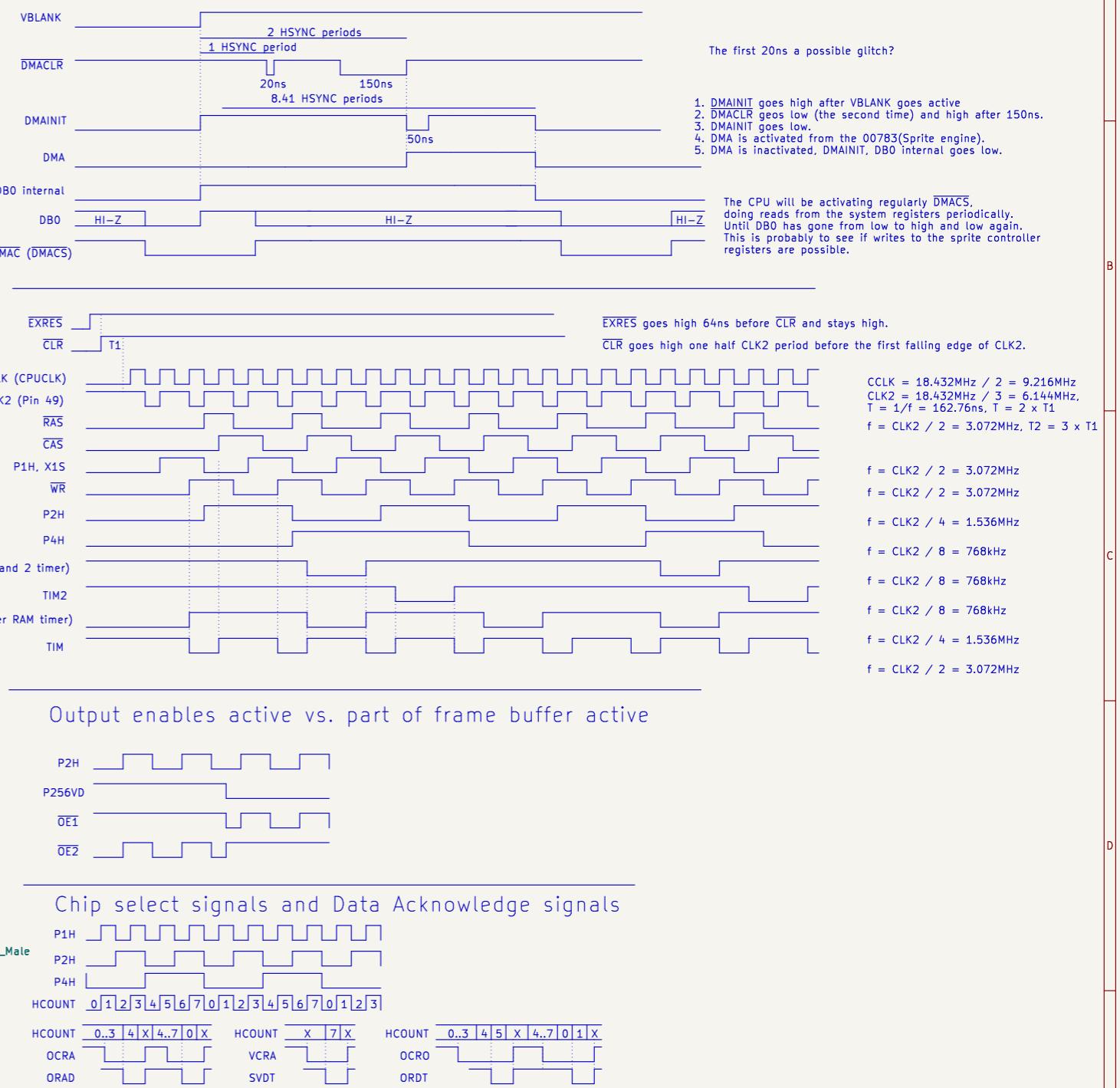


DMA Synchronization



Pins 30 and 31 were swapped on the schematics.



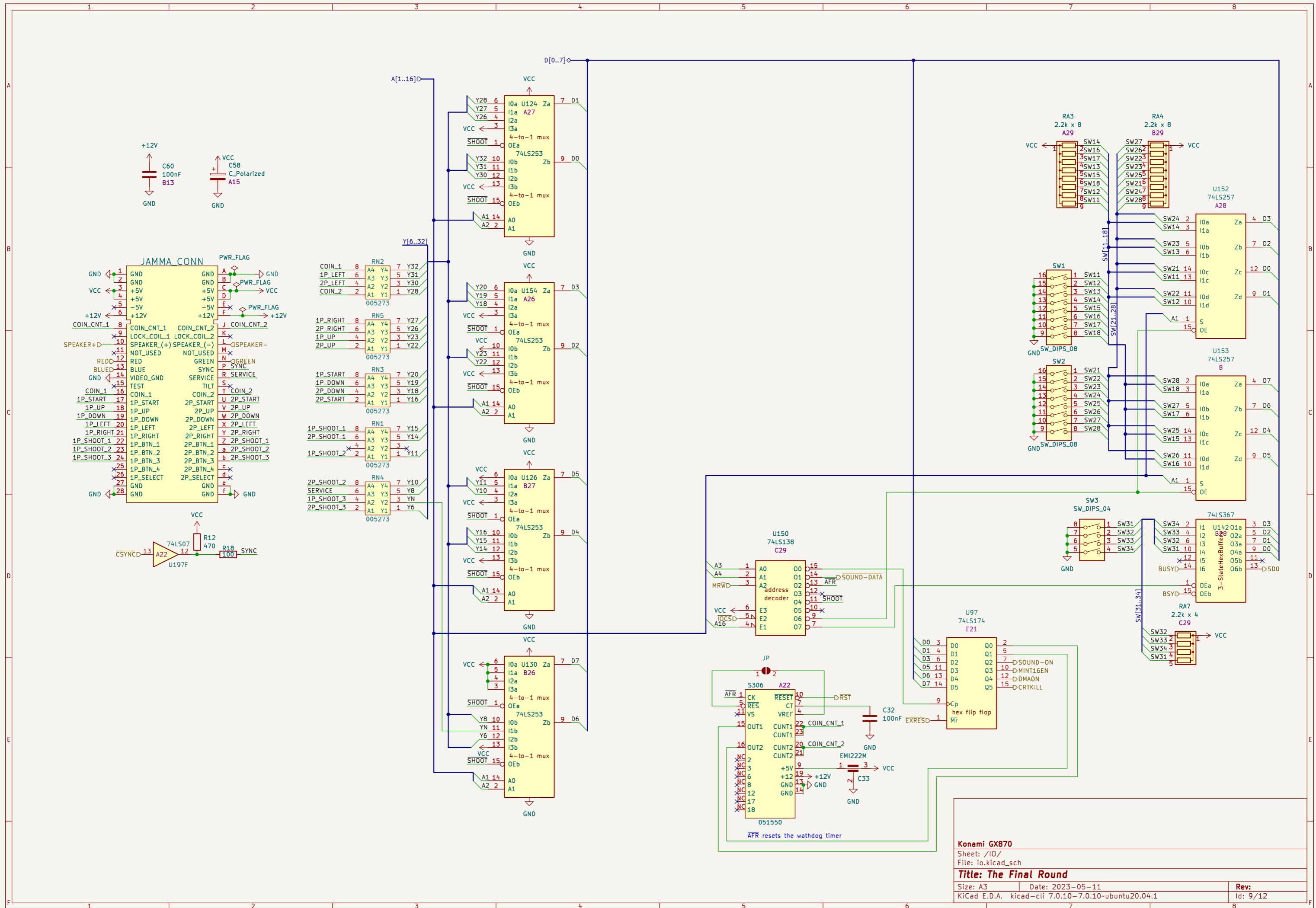
Timing
Konami GX870
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File: timing.kicd

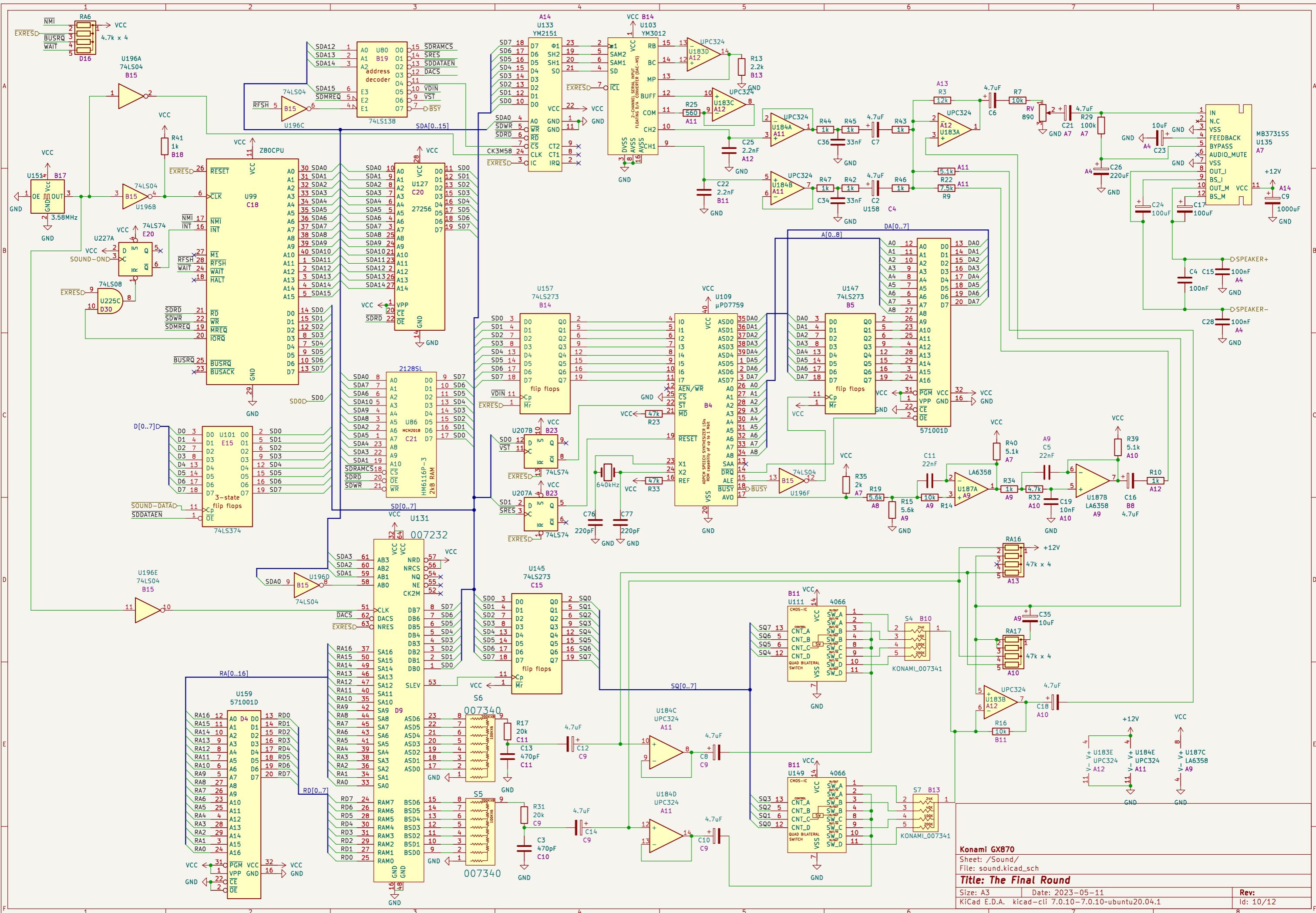
Title: The Final Round

Size: A3 Date:

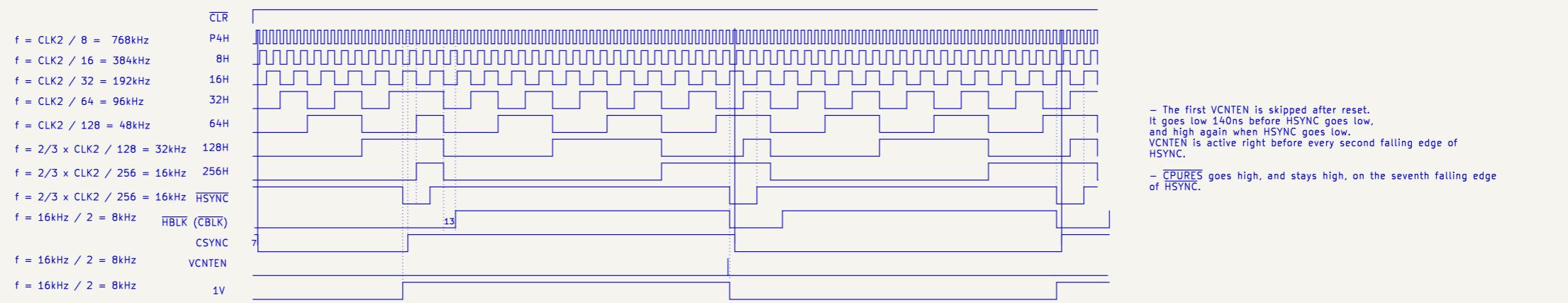
KiCad E.D.A. kicad-cli 7.0.10-7.0.10~ubuntu20.04.1

Id: 8/12

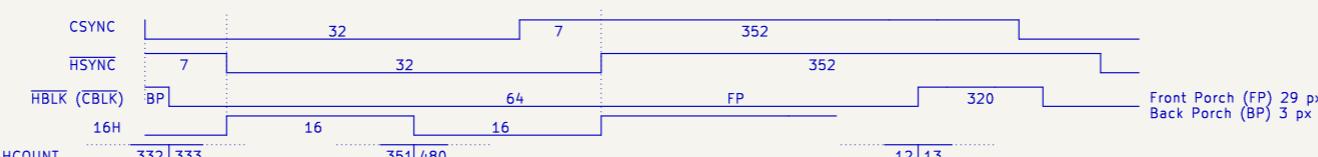
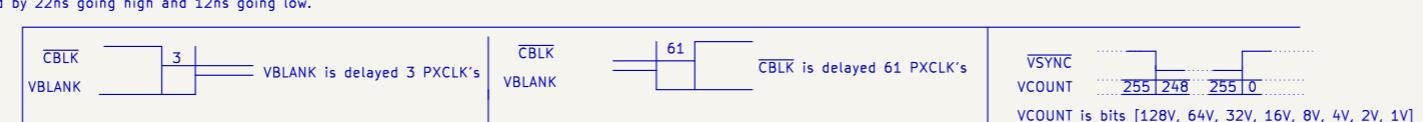
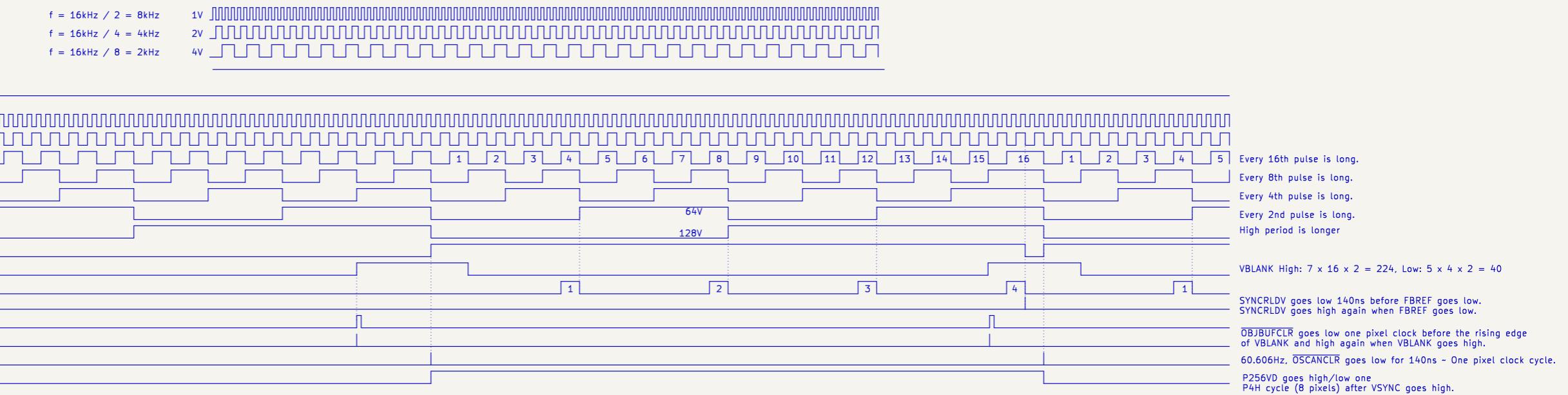




Horizontal signals



Vertical signals



The horizontal blanking part is shown of the composite blanking signals.

HCOUNT is bits [256H, 128H, 64H, 32H, 16H, 8H, P4H, P2H, P1H]

HSYNC = 6.144MHz / 384 = 16kHz

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Sheet: /Timing diagrams/
File: timing_diagrams.kicad_sch

Title: The Final Round

Size: A3	Date: 2023-05-11	Rev:
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1	Id: 11/12	8

A

B

C

D

E

F

A

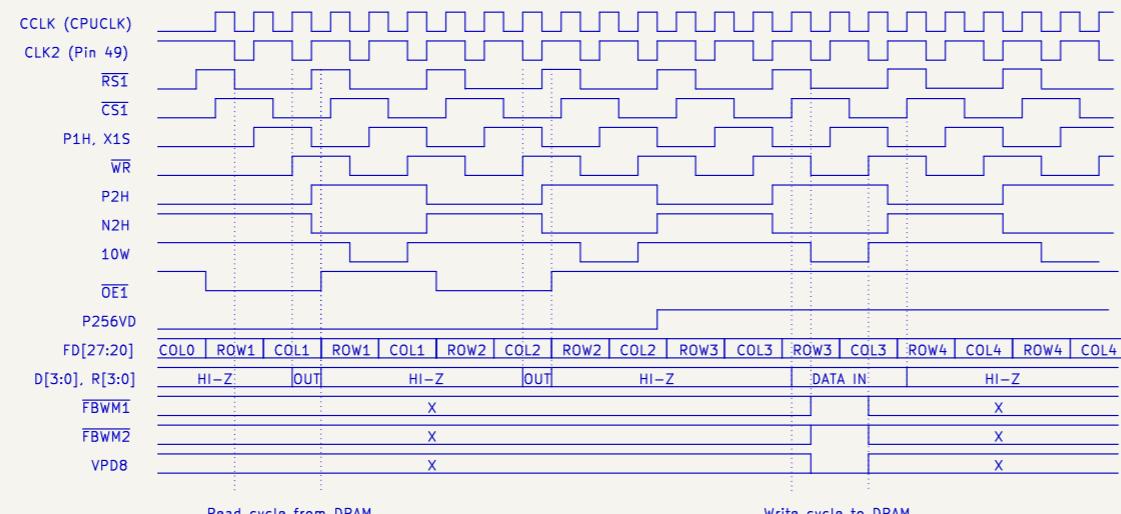
B

C

D

E

F

**Konami GX870**

Sheet: /Sprite timing diagrams/
File: sprite_timing_diagrams.kicad_sch

Title: The Final Round

Size: A3	Date: 2023-05-11
KiCad E.D.A. kicad-cli 7.0.10-7.0.10-ubuntu20.04.1	Rev: Id: 12/12