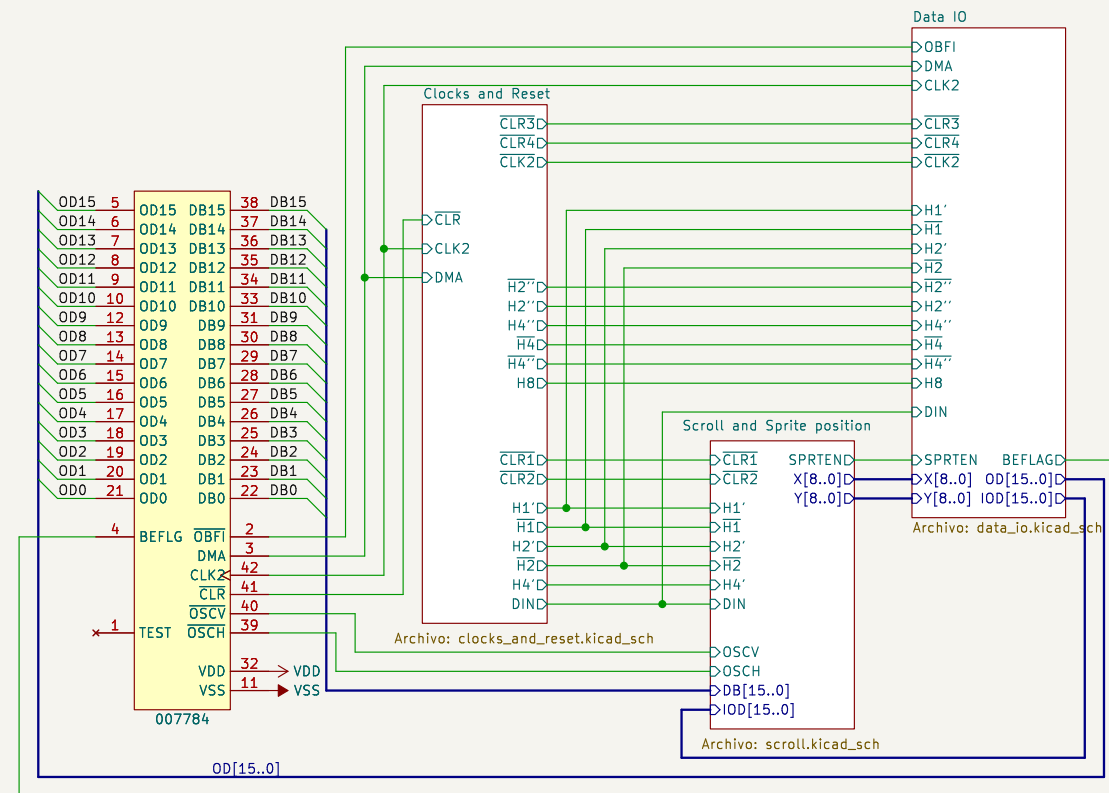


Word 0	-> Sets/Clears BEFLAG according to bit 15.
Word 2	-> Word 3
Word 3	-> Word 0
Word 4 & 5 - XSCROLL	-> Word 1
Word 6 & 7 - YSCROLL	-> Word 2

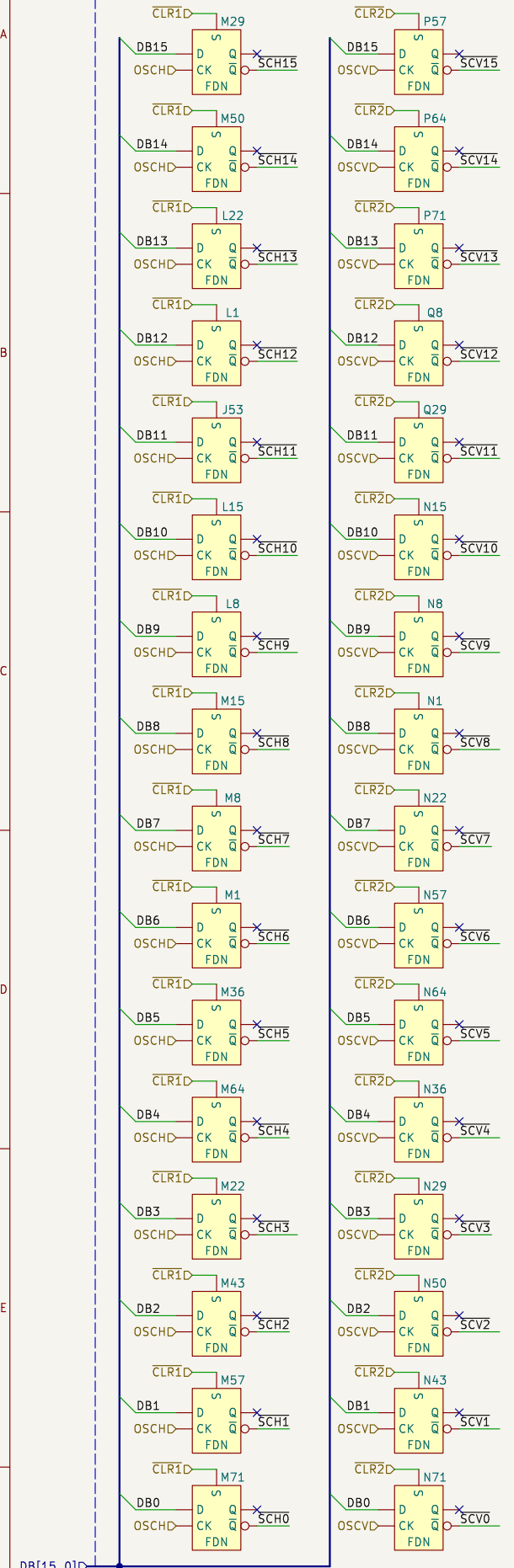
- Sets BEFLAG high if bit OD15 is set on every eight words in.
- Otherwise BEFLAG goes low, DMA does not need to be active.
- All other words in need DMA to be active to be parsed.
- Calculates the final vertical and horizontal positions of the sprite by using the sprite position in the unparsed object table and the horizontal and vertical scroll registers. It is written to a new parsed object table in the next DMA transfer.
- The Sprite Enable (SPRTEN) bit is only set if the position is within the allowed range.
- When OBFI (OBJBUFINIT) is high, only zeros are written to data out. That is to reset the object RAM table.



## Scroll Registers

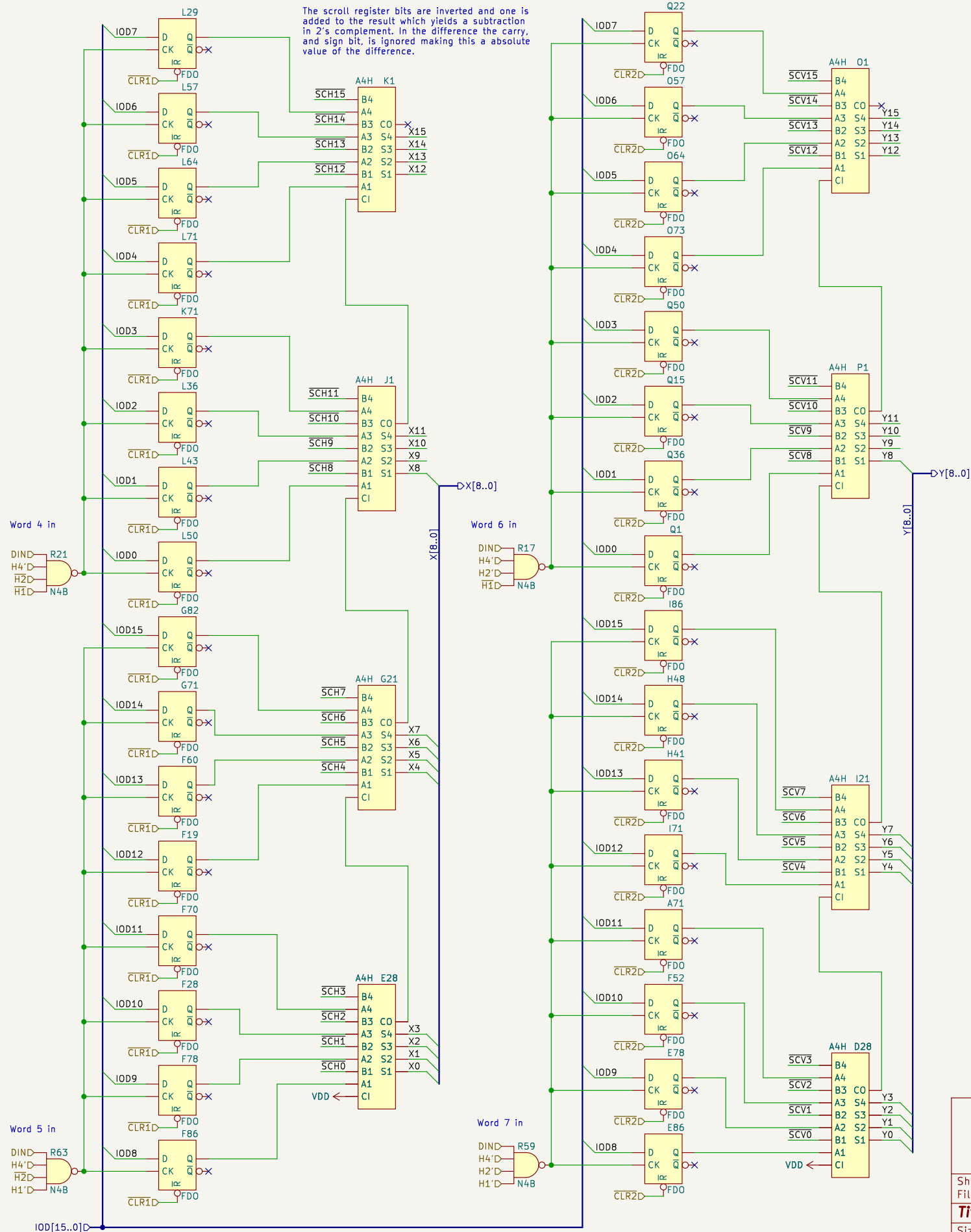
### Horizontal

### Vertical



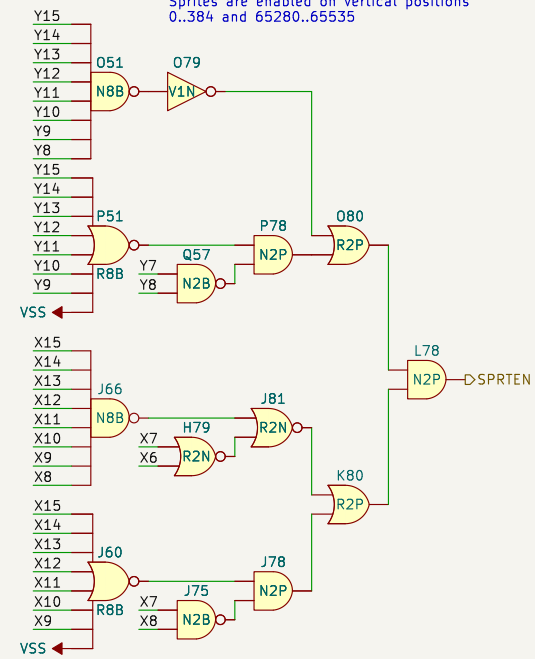
DB[15..0]

## Horizontal and Vertical Positions



## Sprite Enable

Sprites are enabled on vertical positions 0..384 and 65280..65535



Sheet: /Scroll and Sprite position/

File: scroll.kicad\_sch

Title: Konami 007784

Size: A3

Date: 2023-10-23

Rev:

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

Id: 2/4

