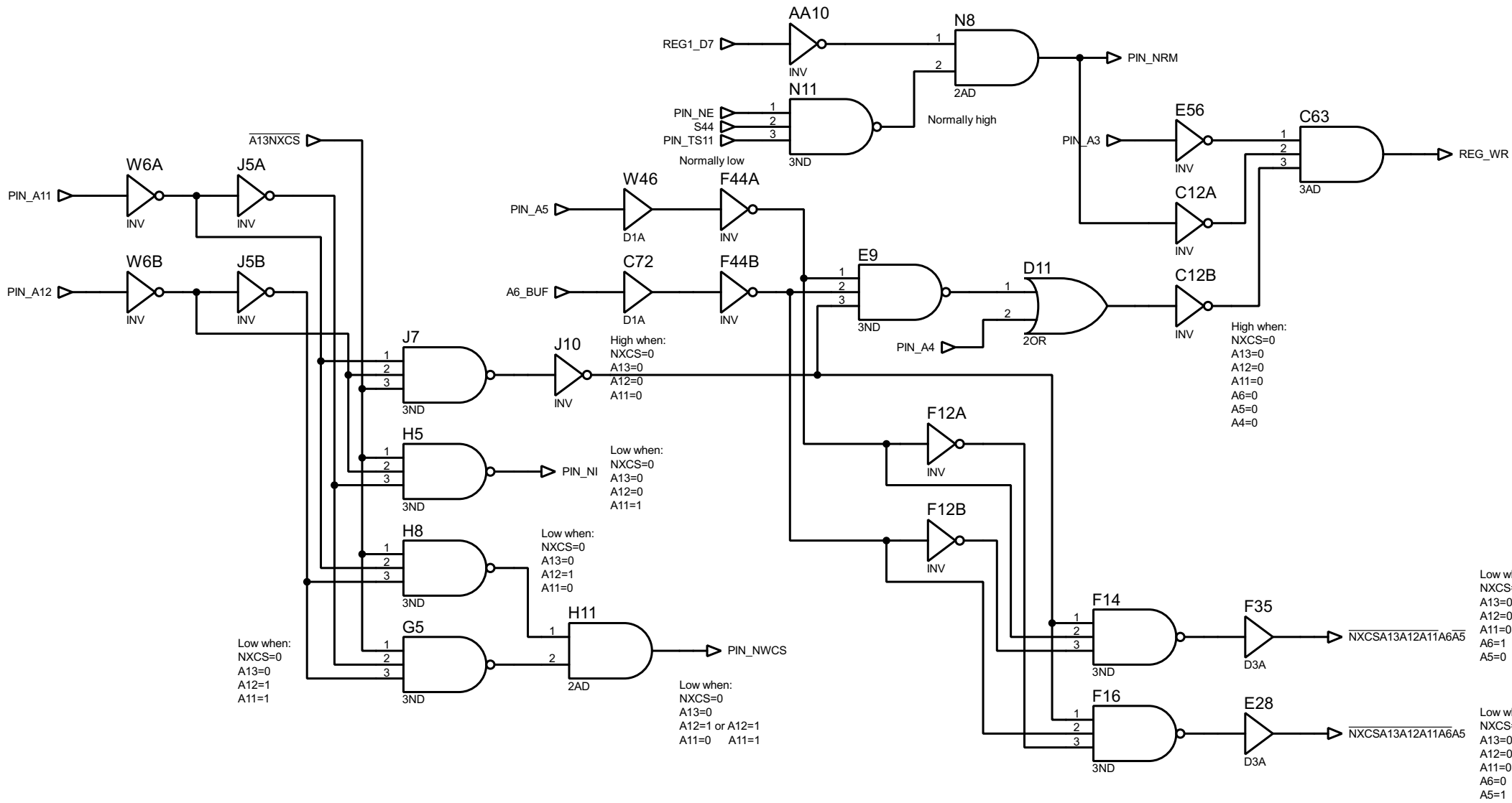
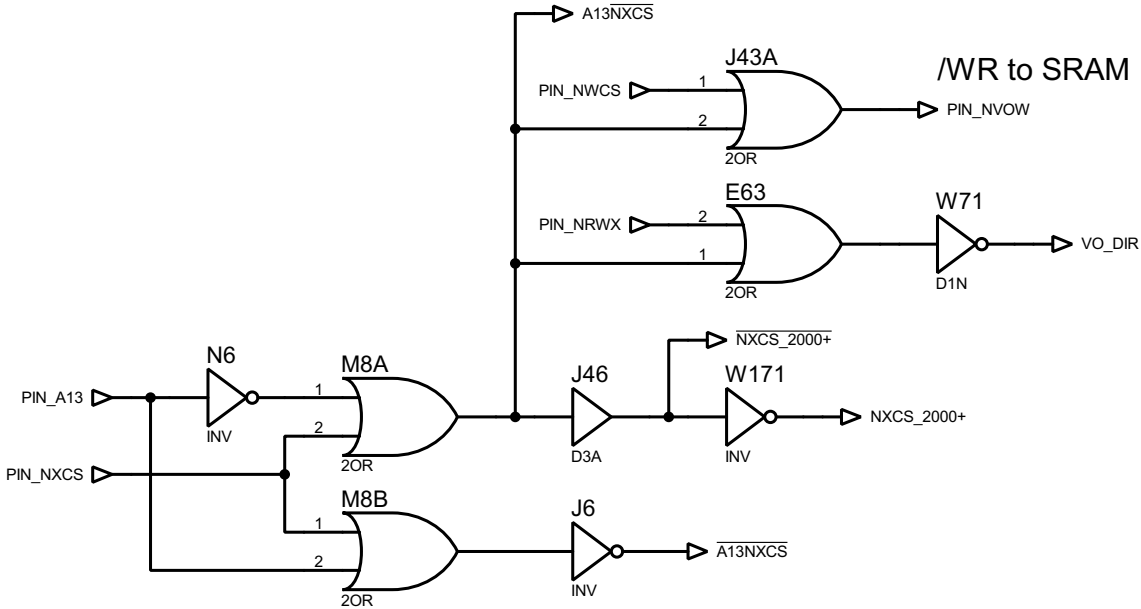
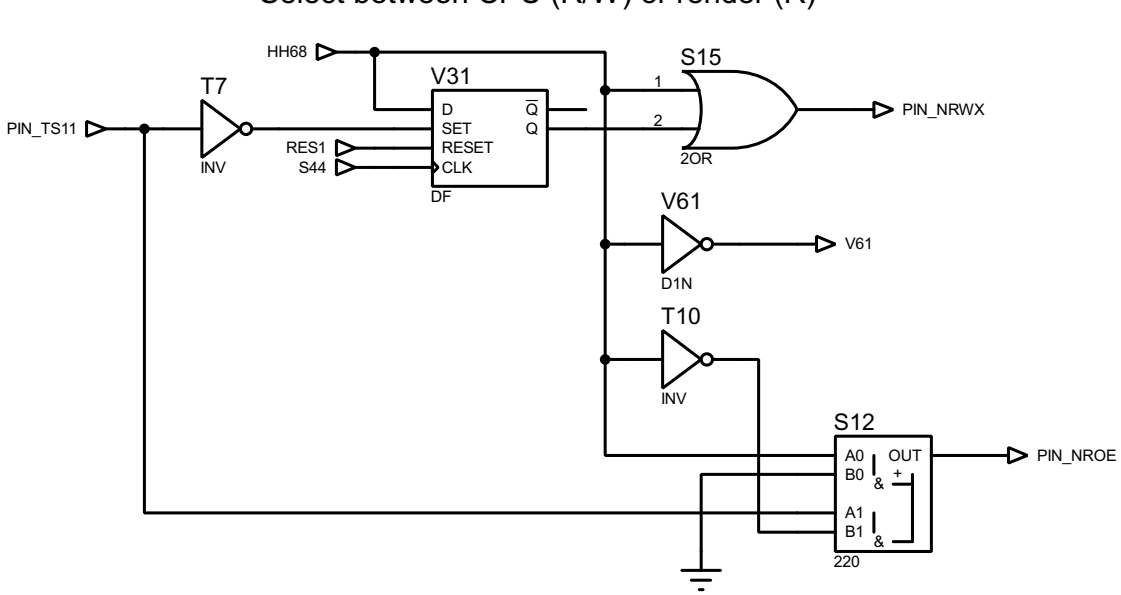


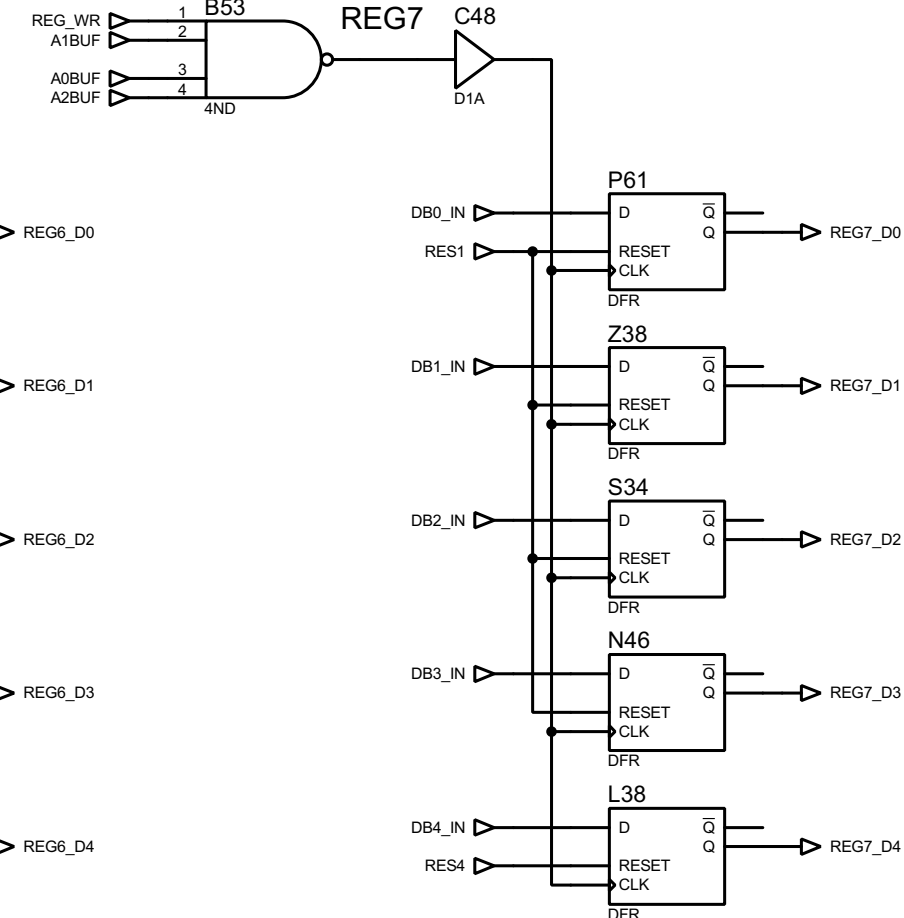
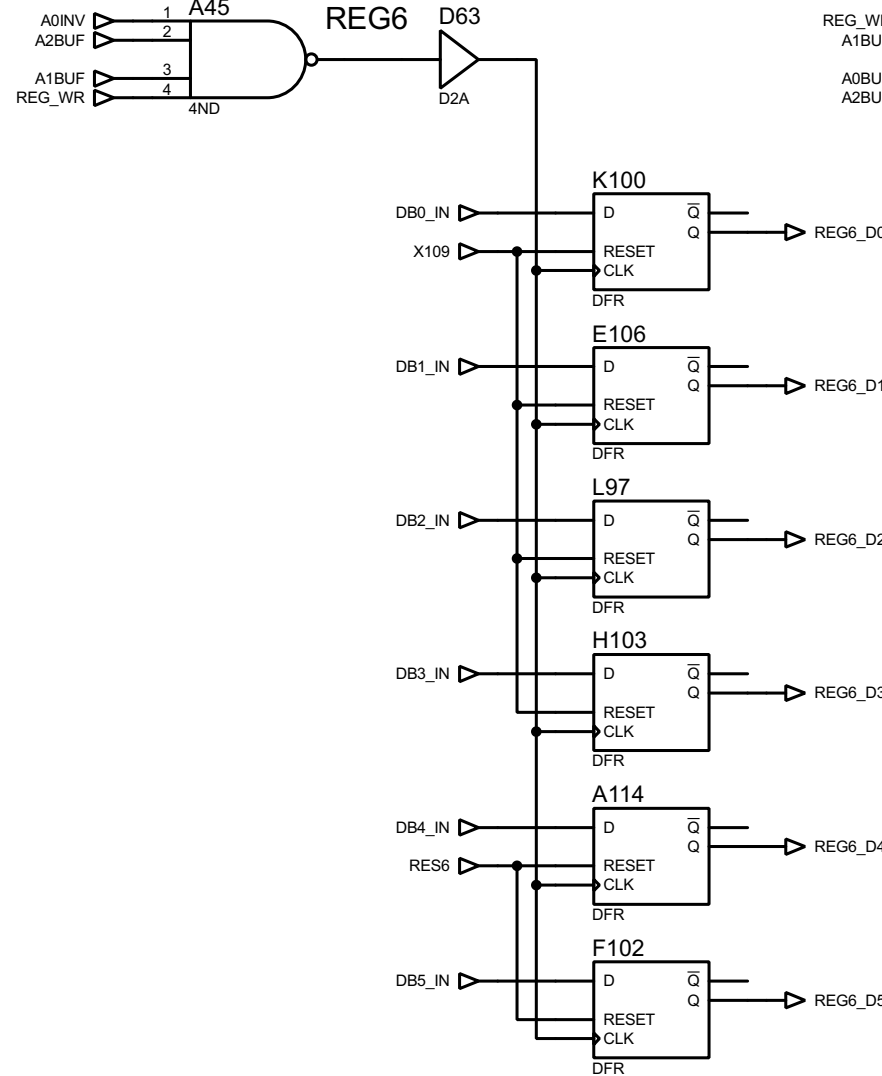
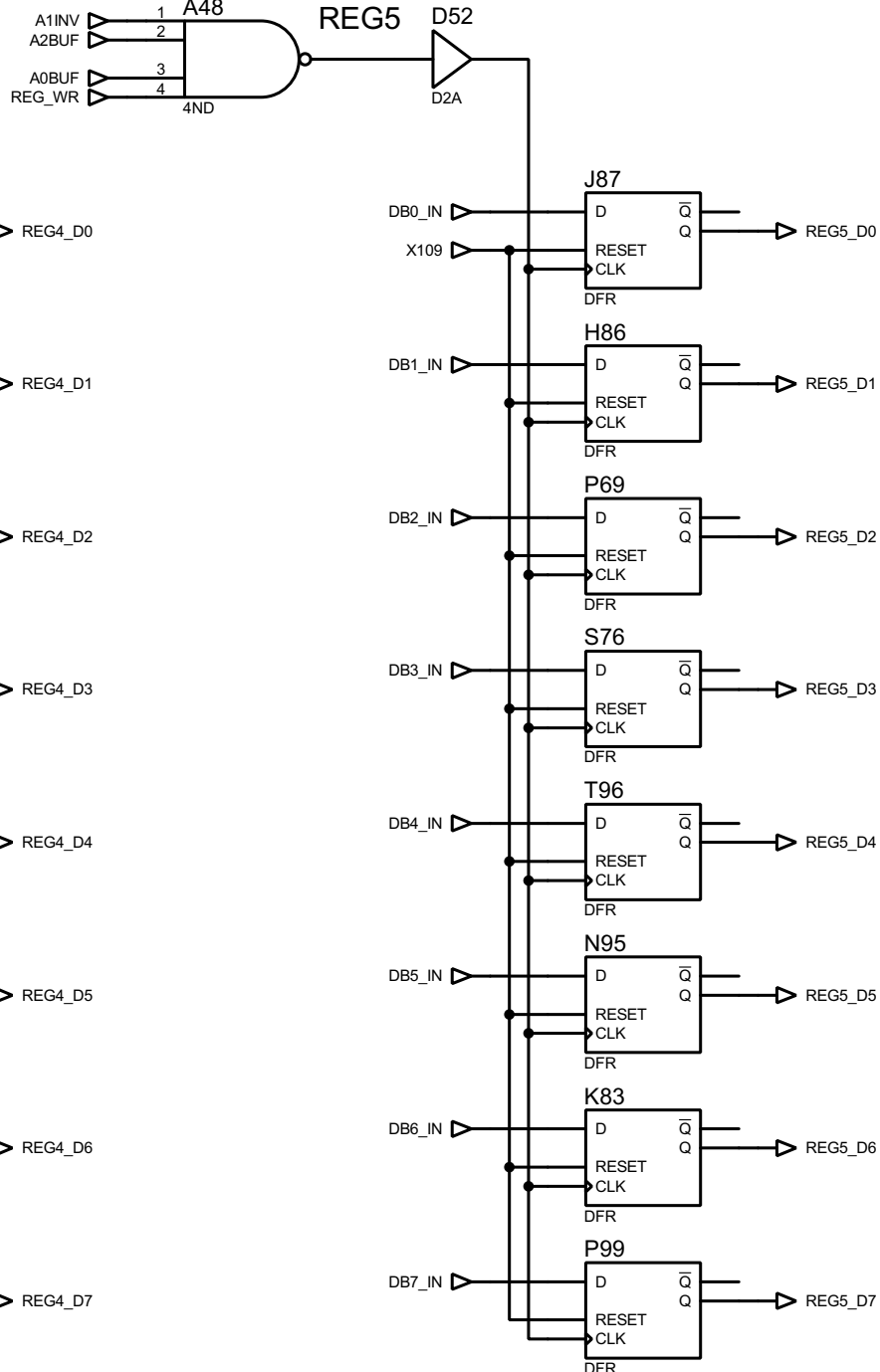
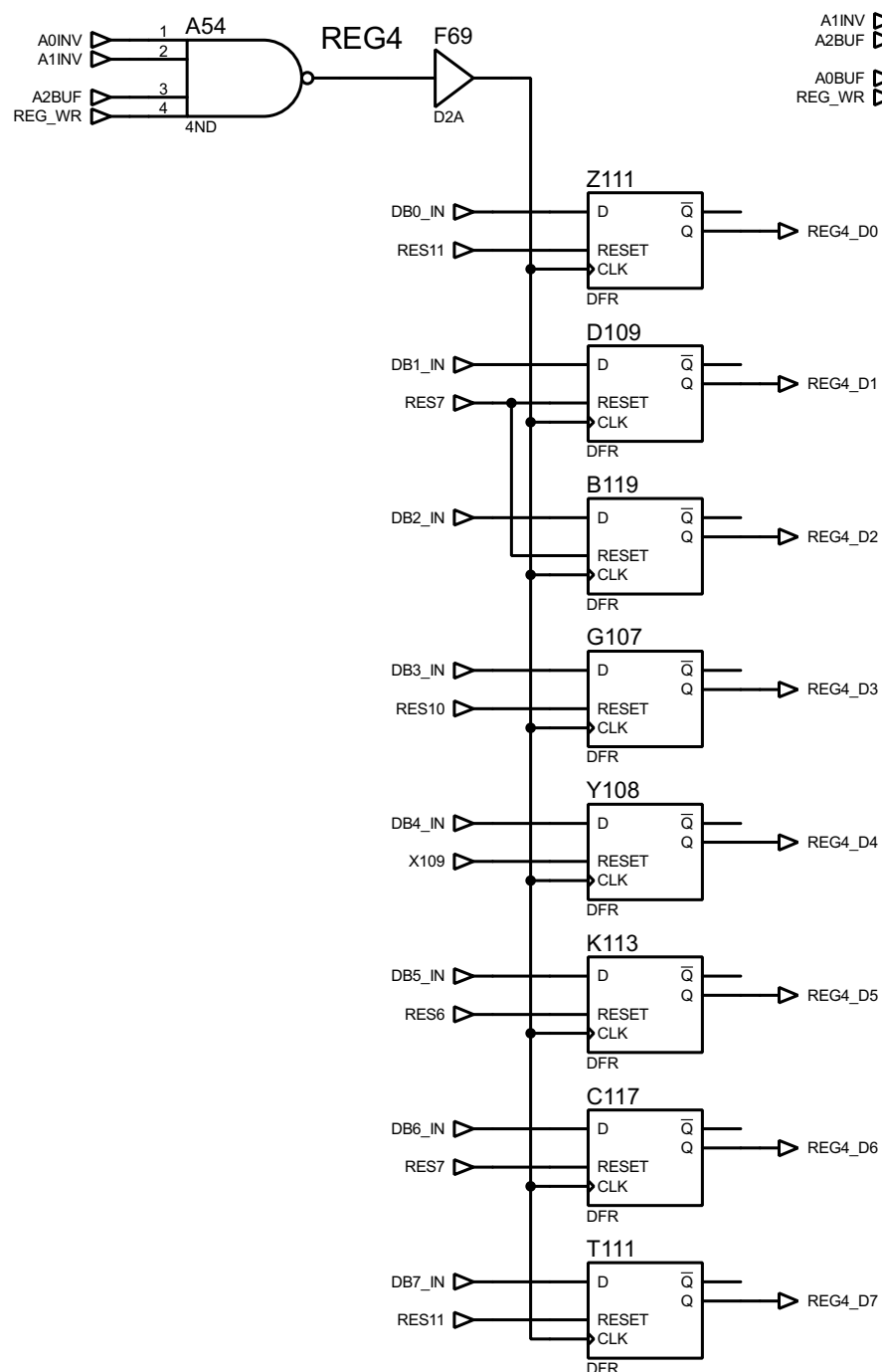
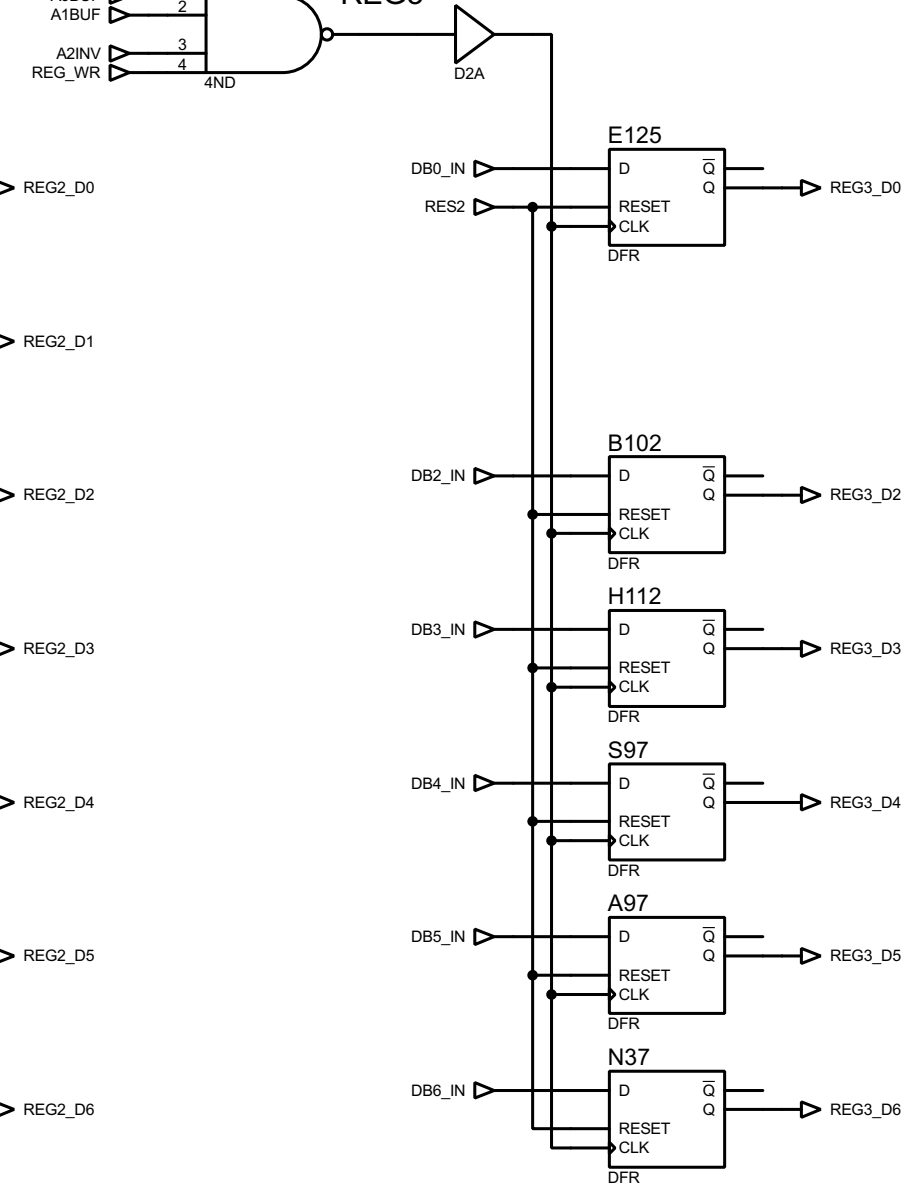
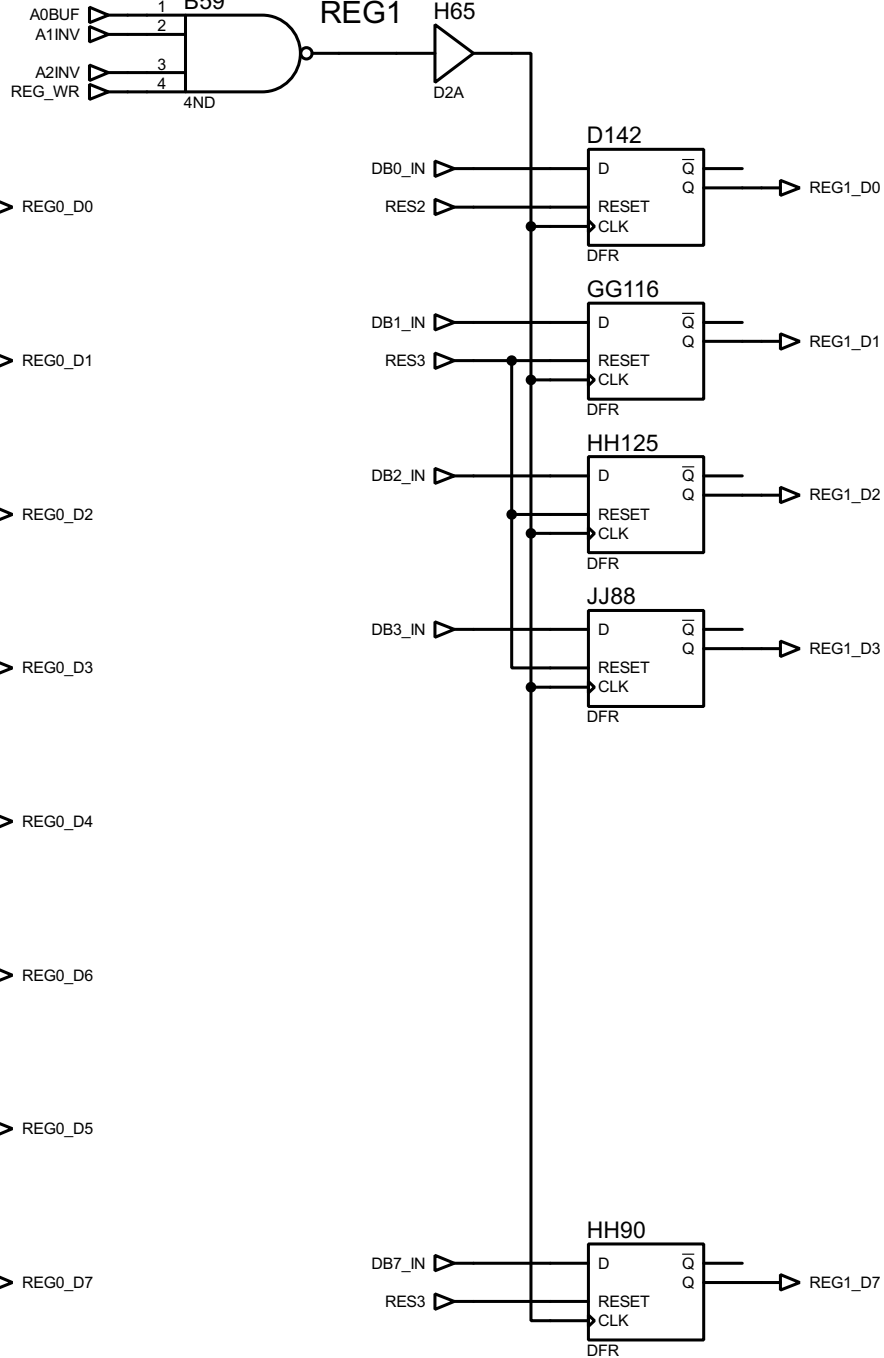
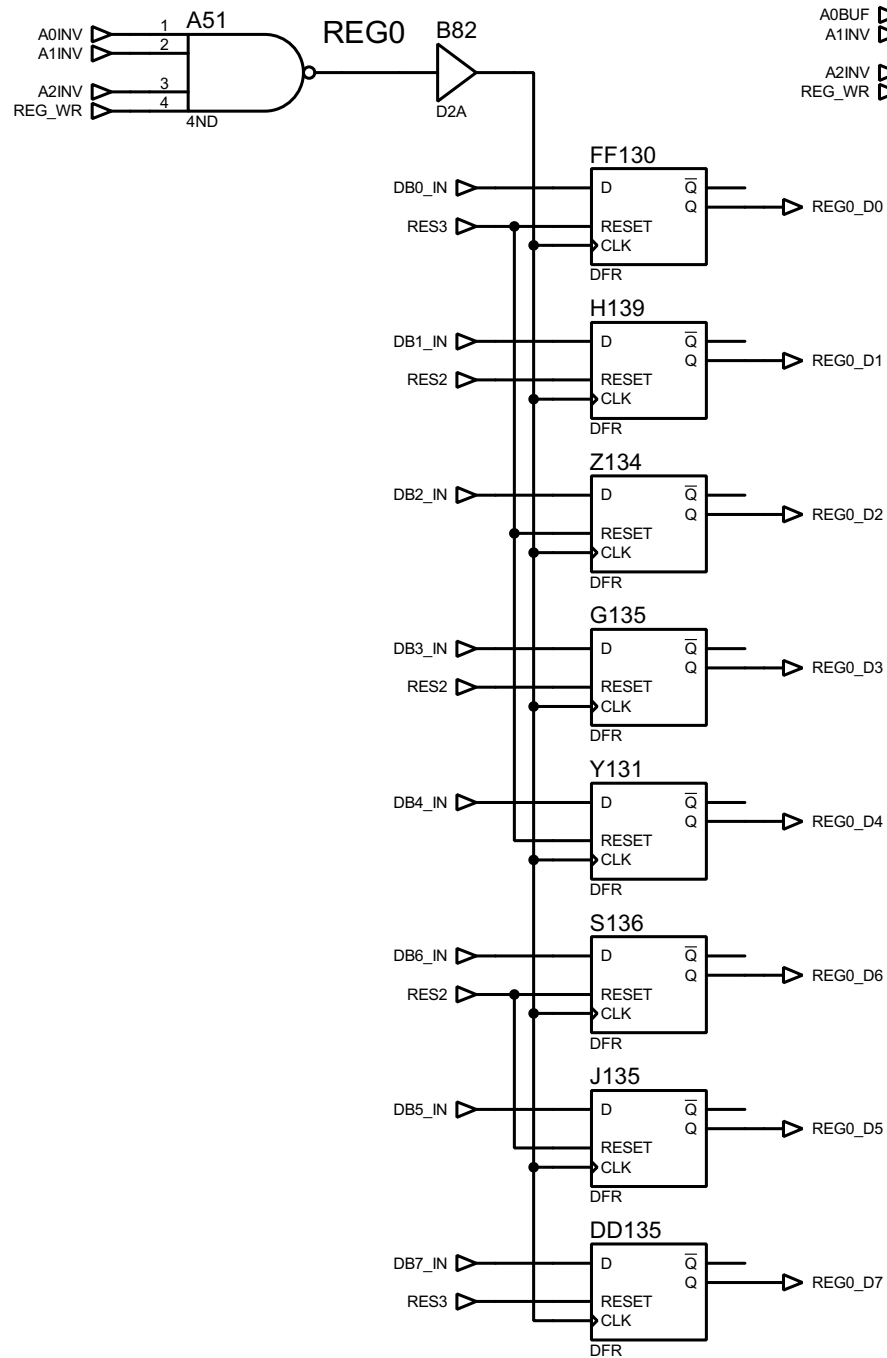
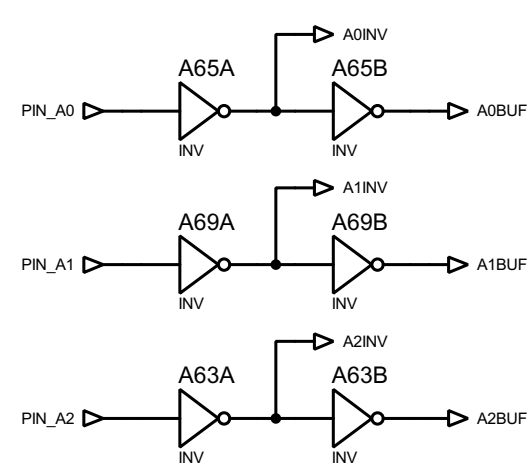
VRAM access:
Select between CPU (R/W) or render (R)

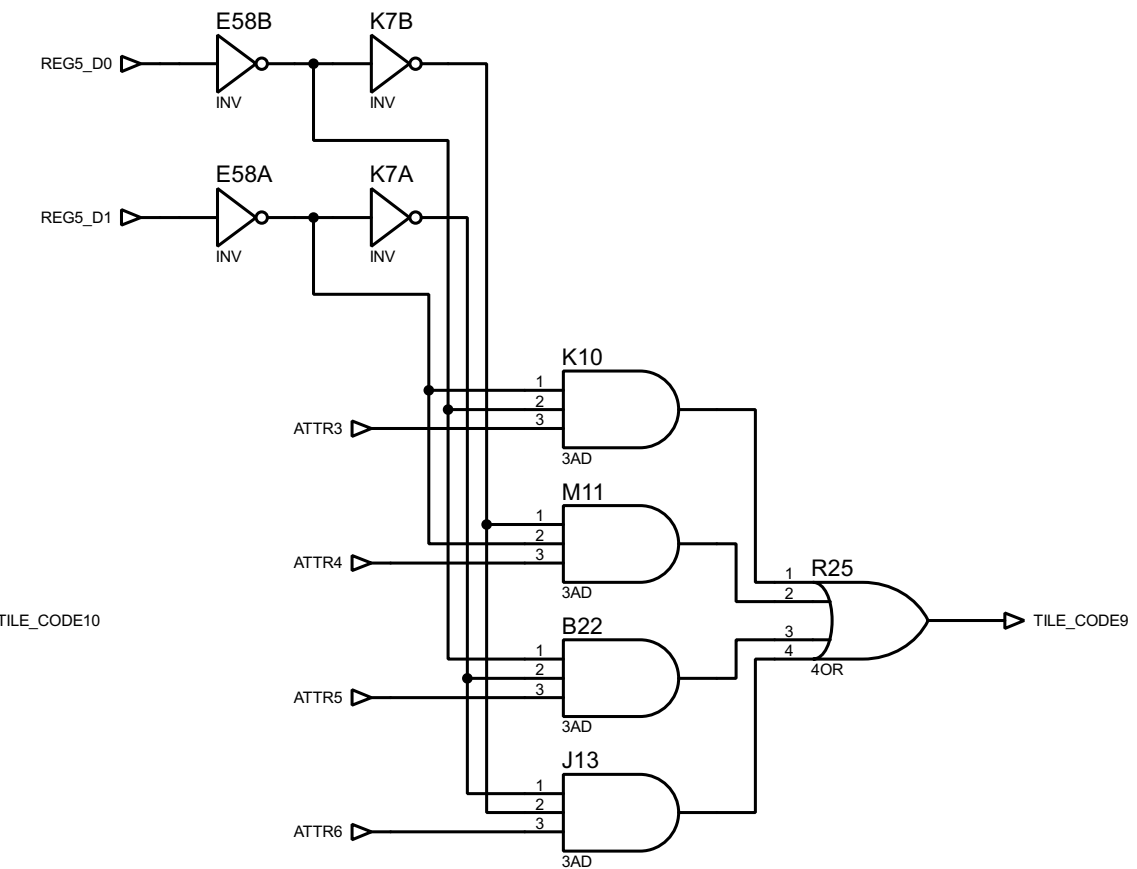
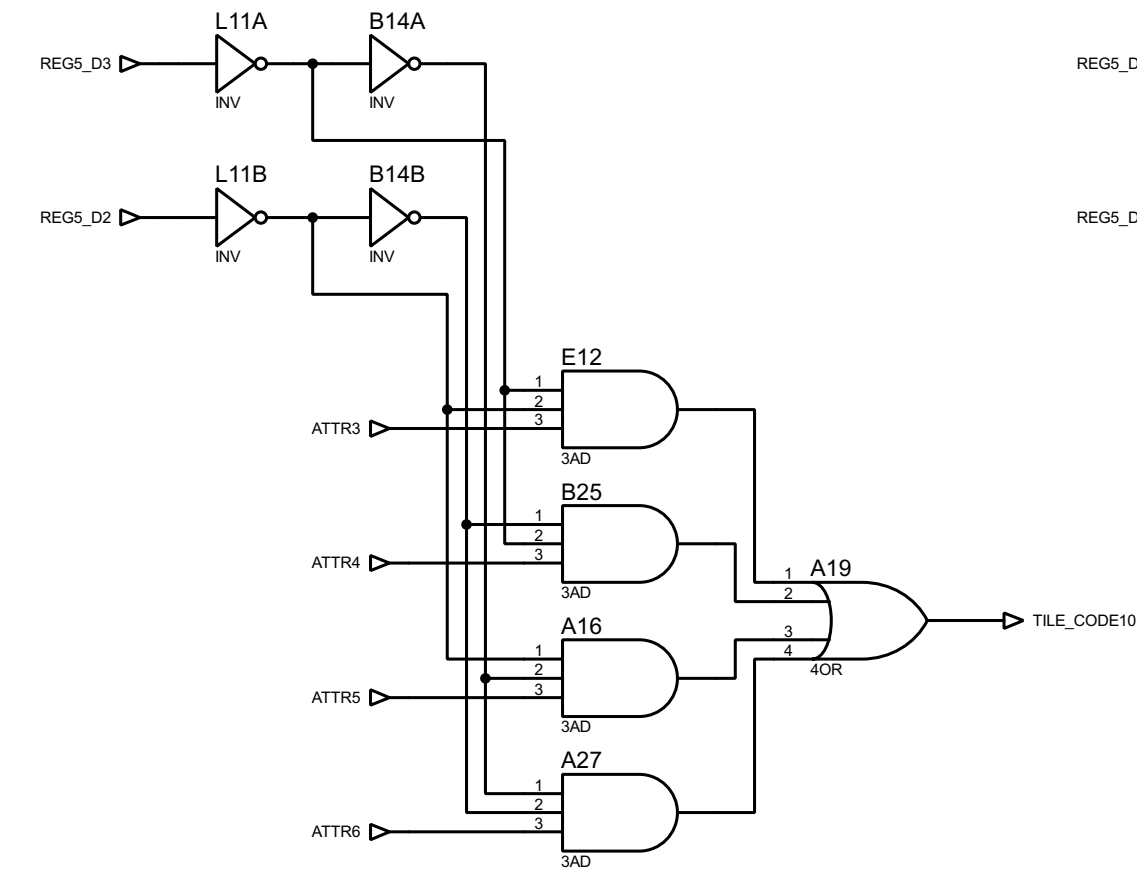
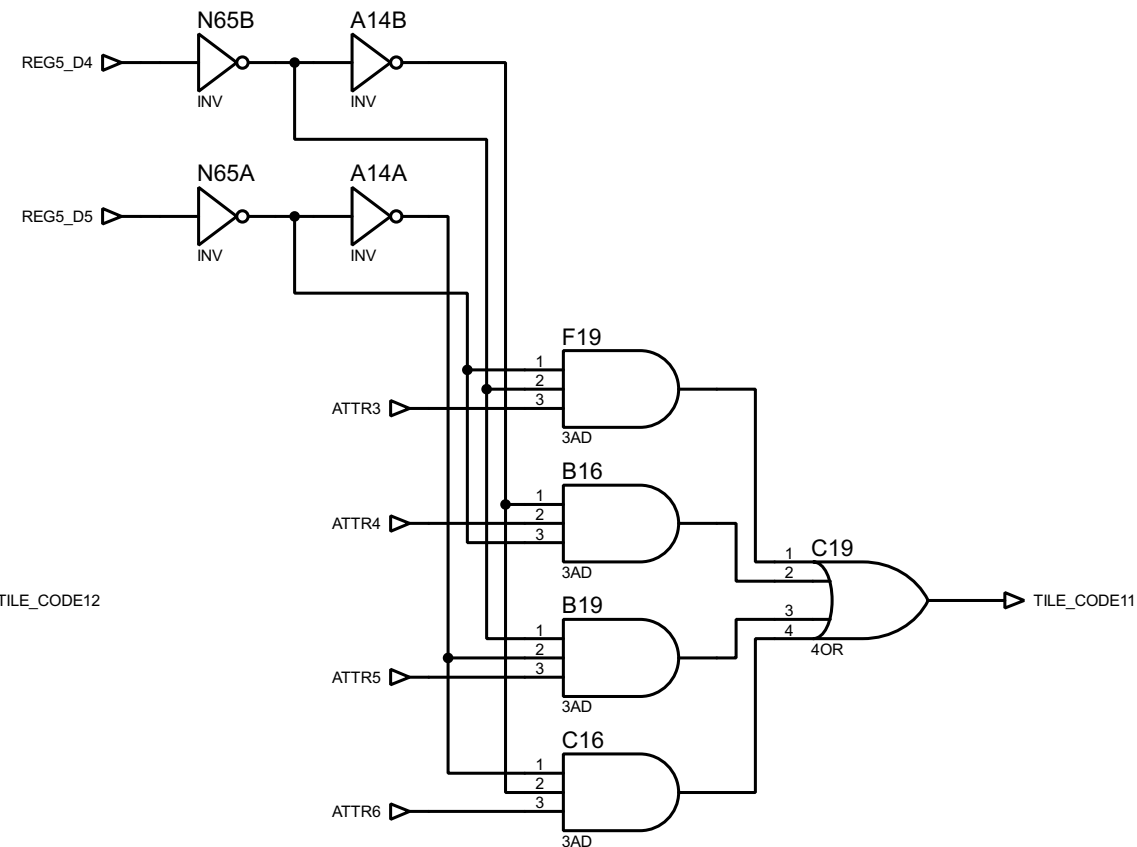
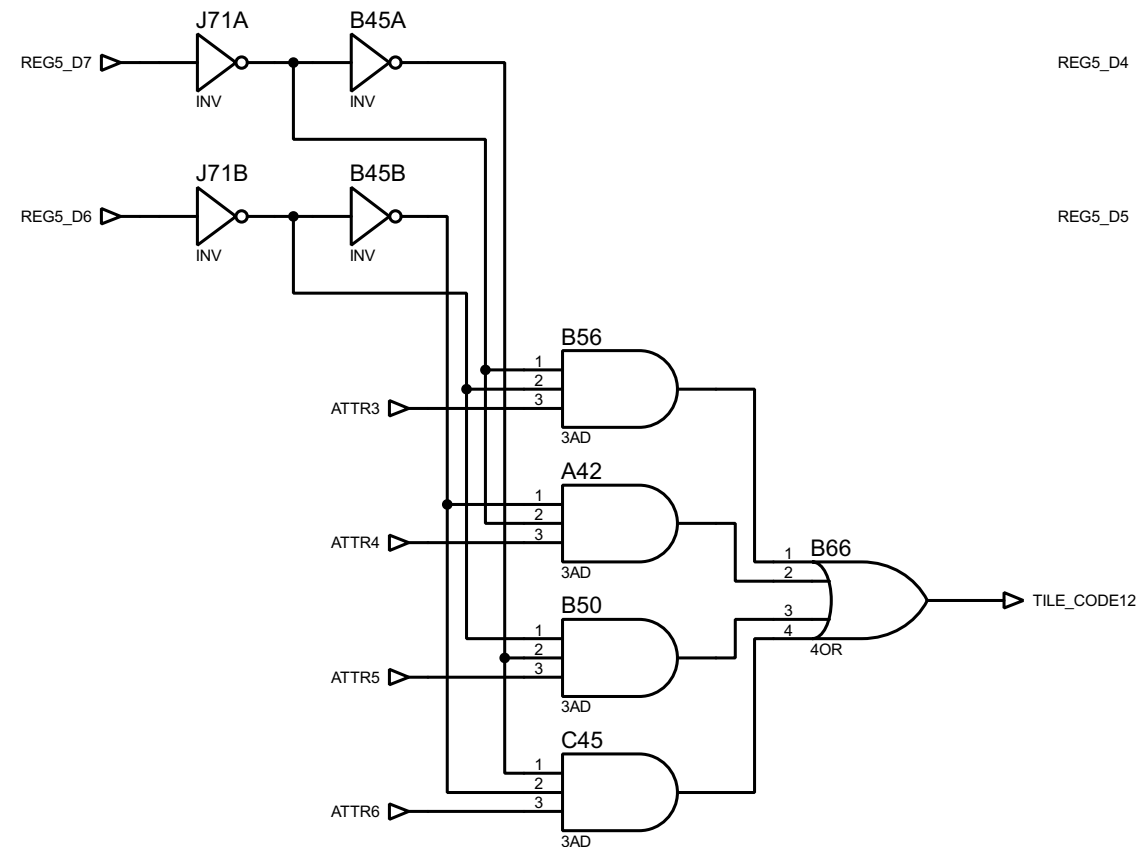
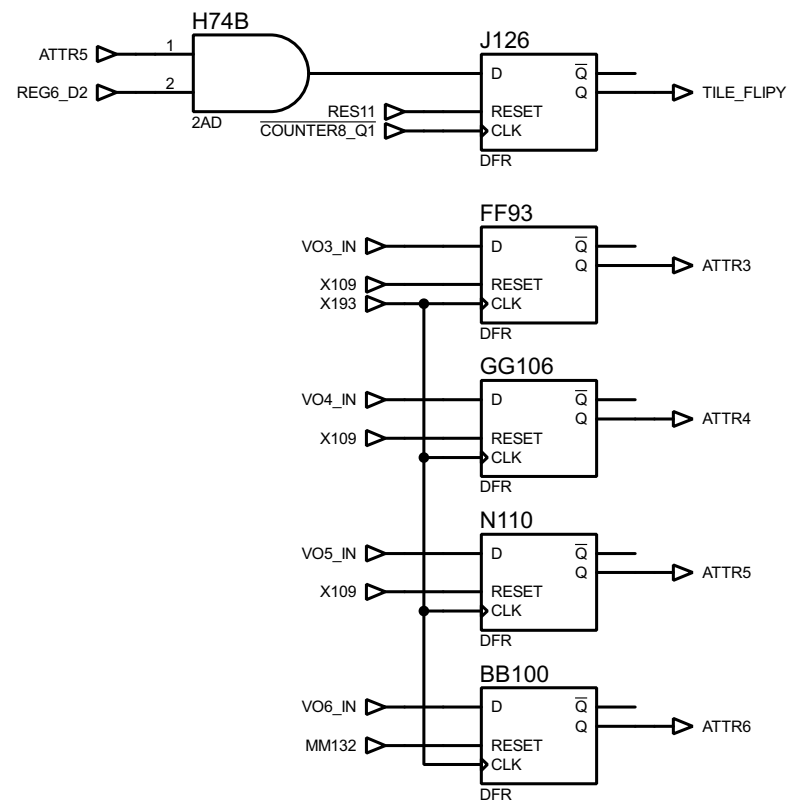


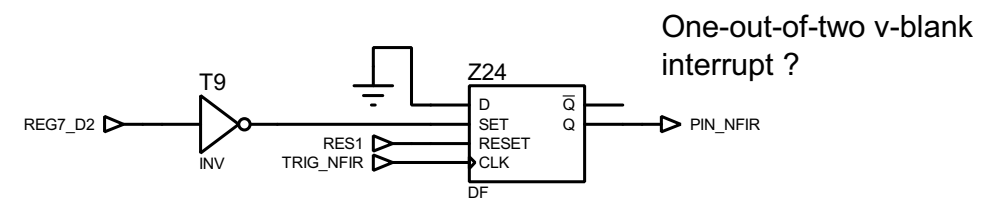
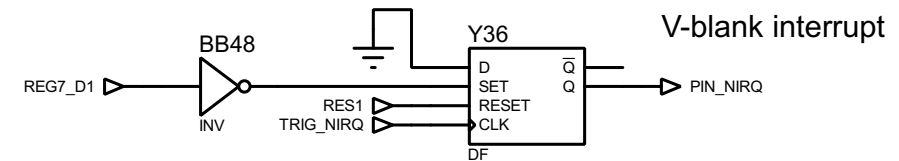
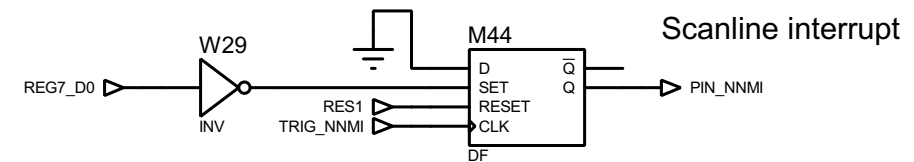
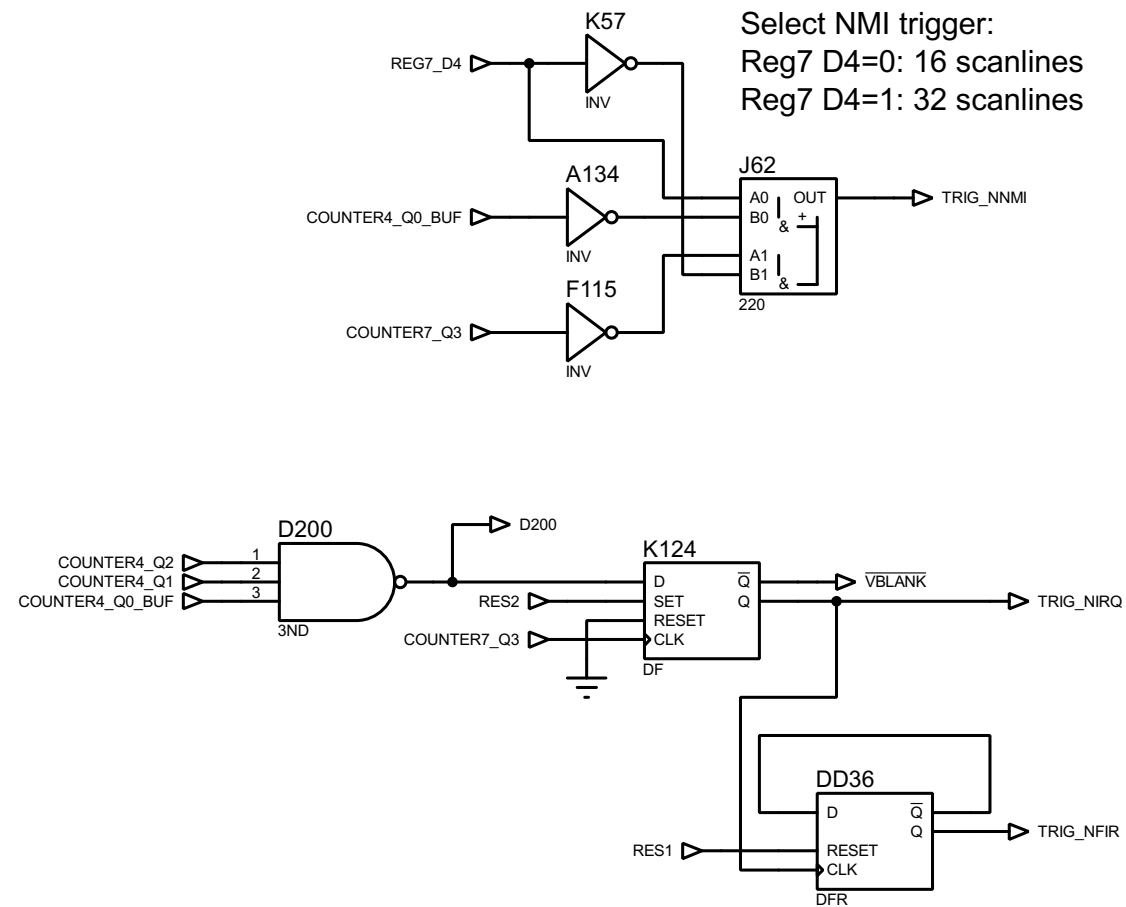
High when:
NXCS=0
A13=0
A12=0
A11=0
A6=0
A5=0
A4=0
A3=0
00 0xxx x000 0xxx
Register mirrors ?:
0000-0007
0080-0087
0100-0107
0180-0187
0200-0207
0280-0287
0300-0307
0380-0387
0400-0407
0480-0487
0500-0507
0580-0587
0600-0607
0680-0687
0700-0707
0780-0787

Low when:
NXCS=0
A13=0
A12=0
A11=0
A6=1
A5=0

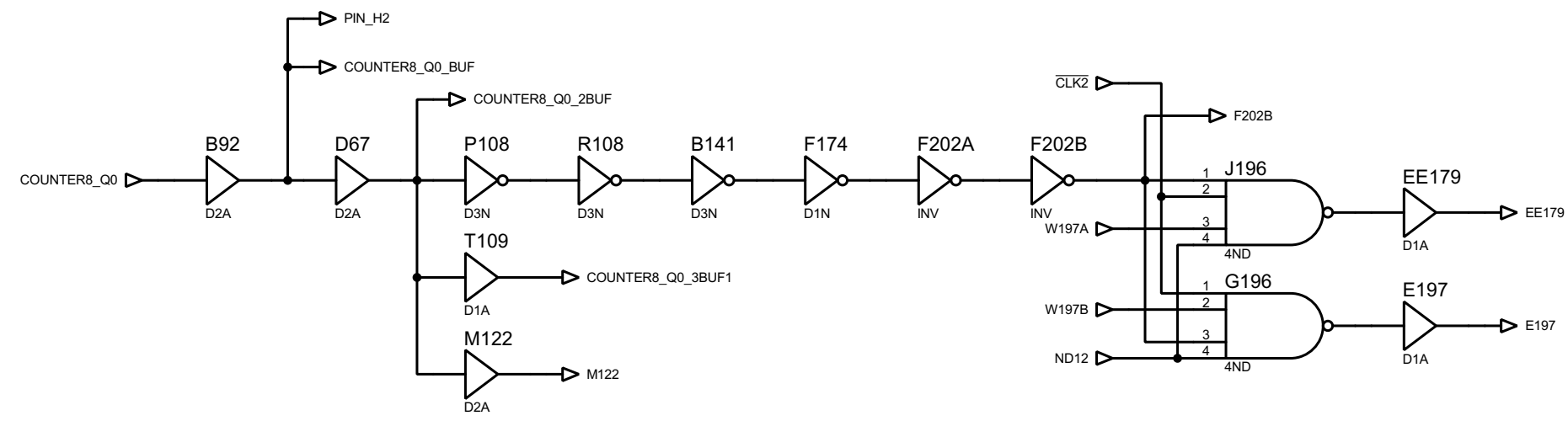
Low when:
NXCS=0
A13=0
A12=0
A11=0
A6=0
A5=1



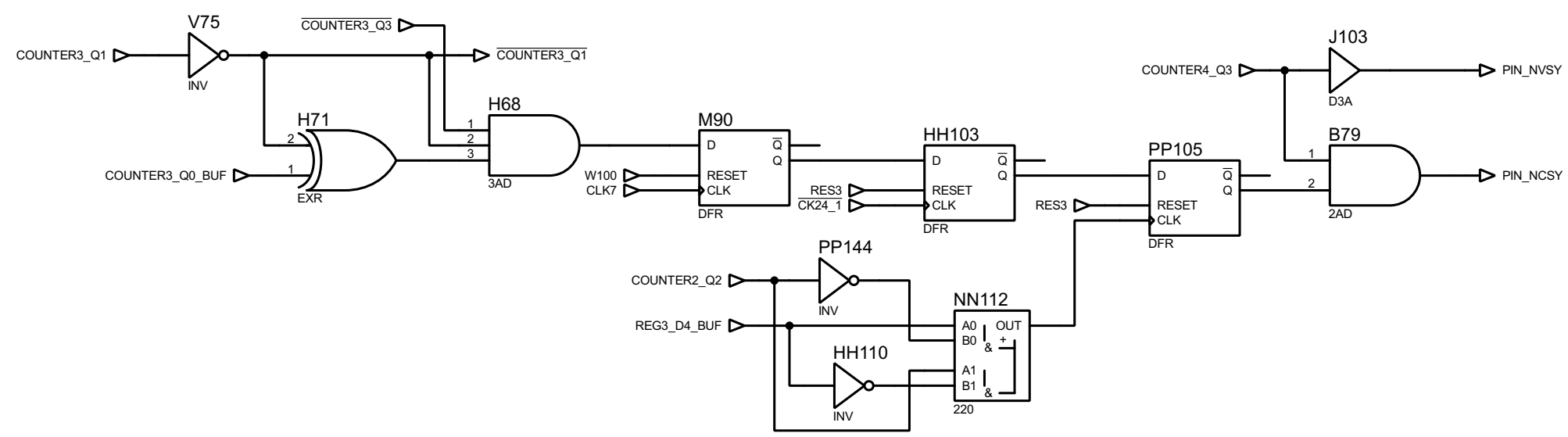




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DESIGN TITLE: Konami 007121 INTERRUPTS	PAGE: 6 of 52
BY: Sean Gonsalves	REV: 0
	TIME: 00:06:09

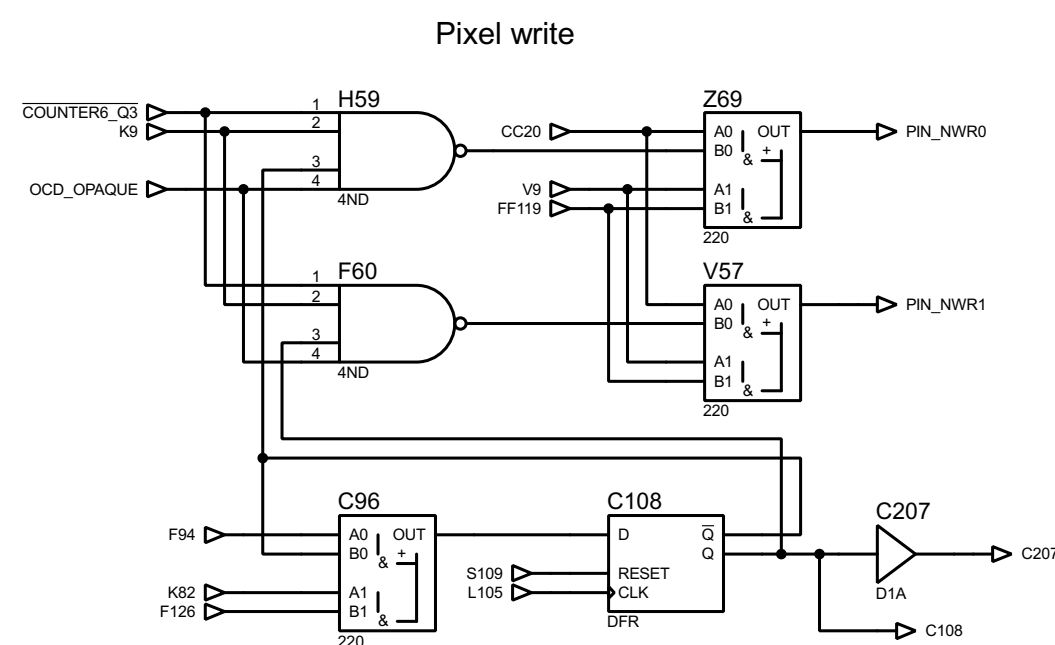
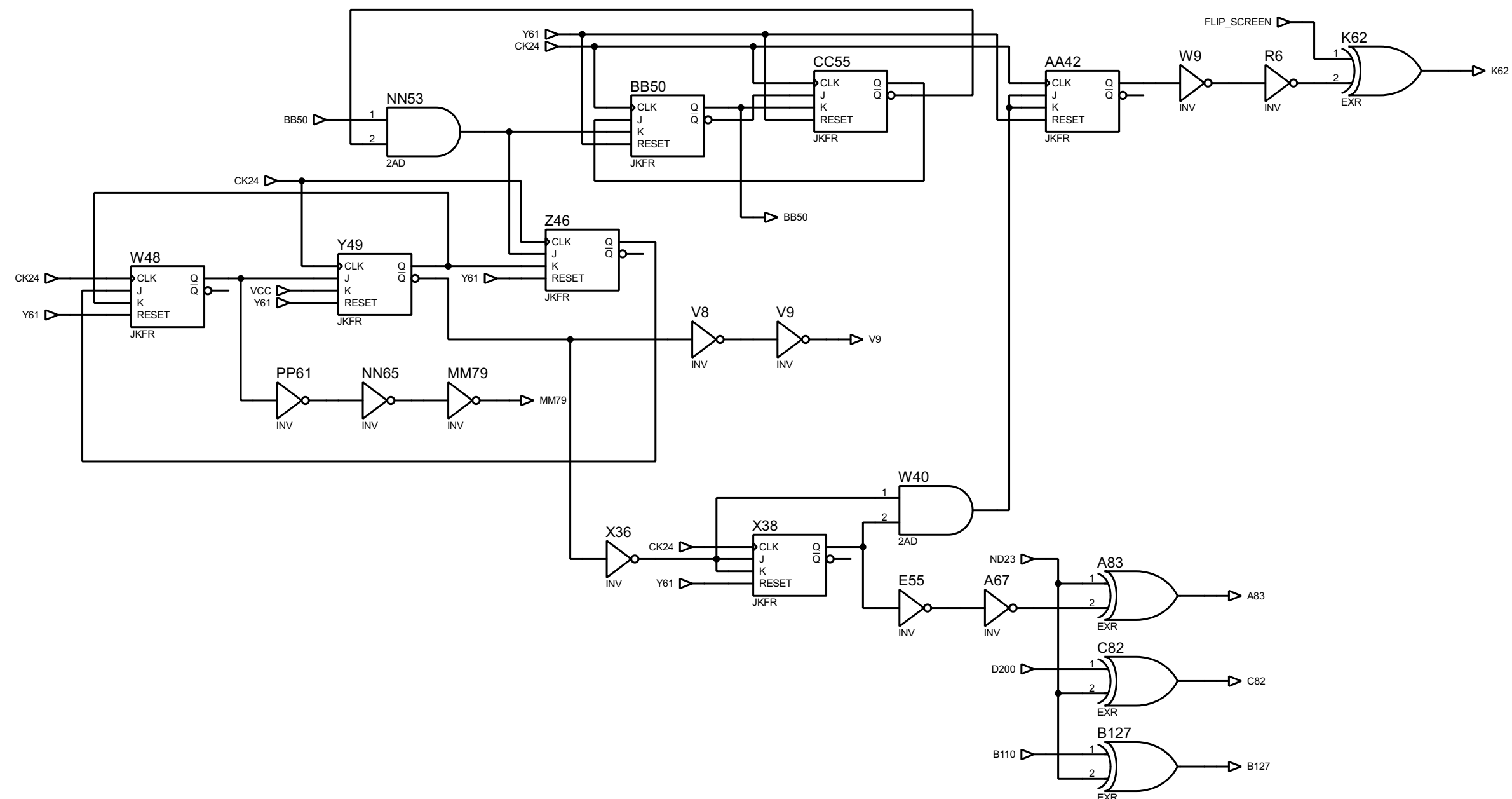
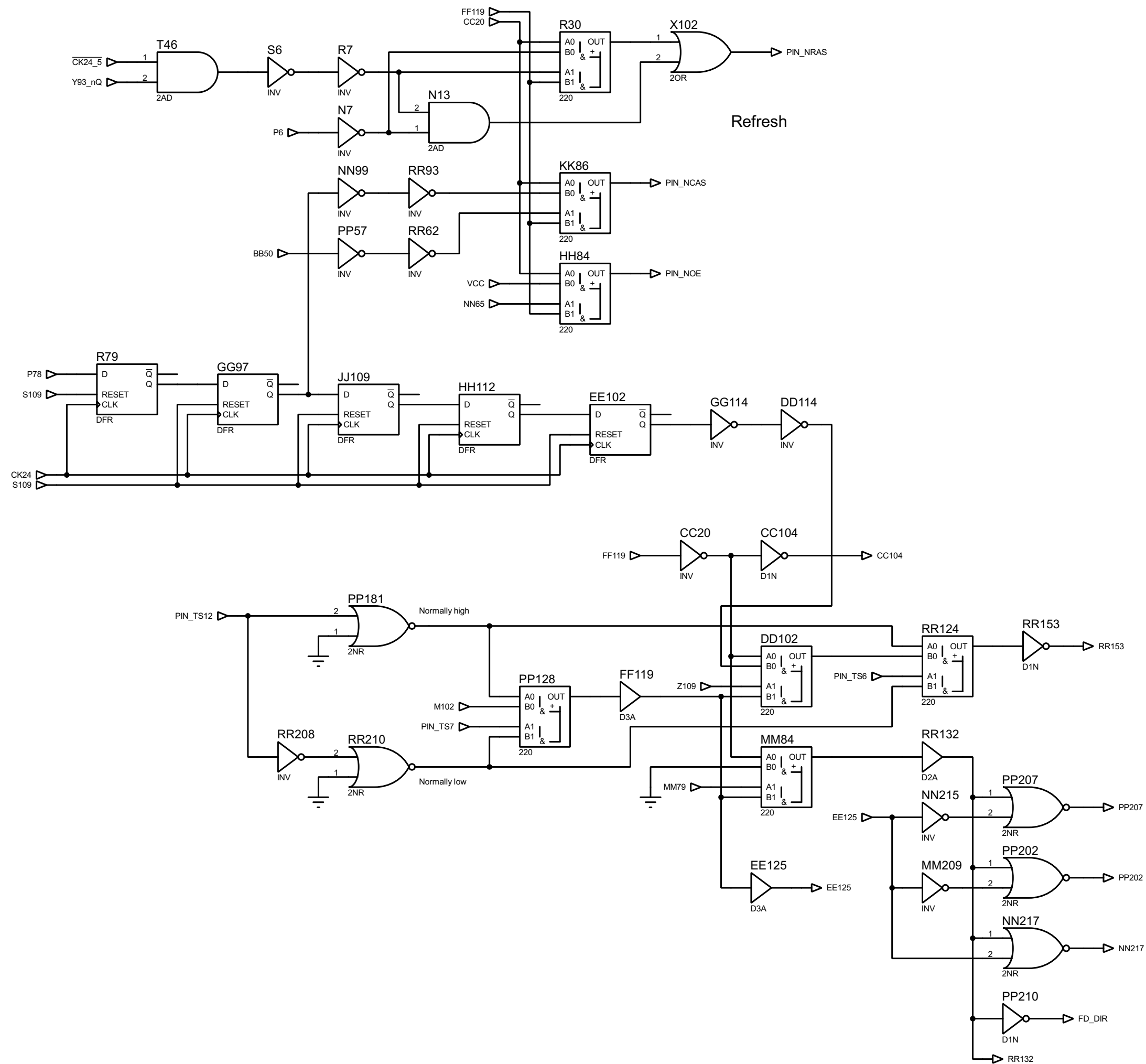


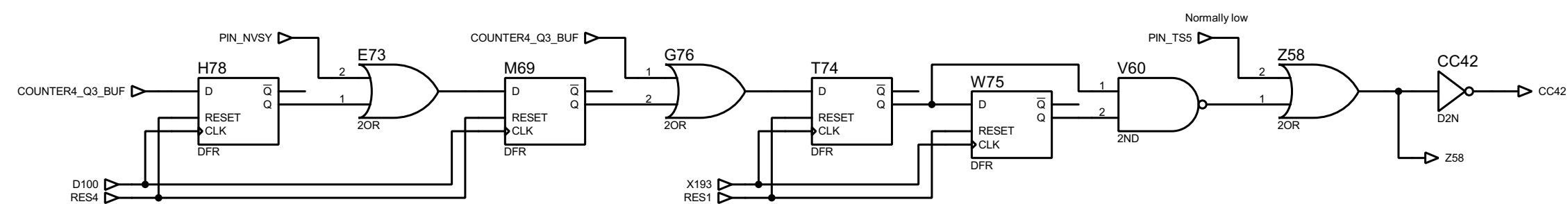
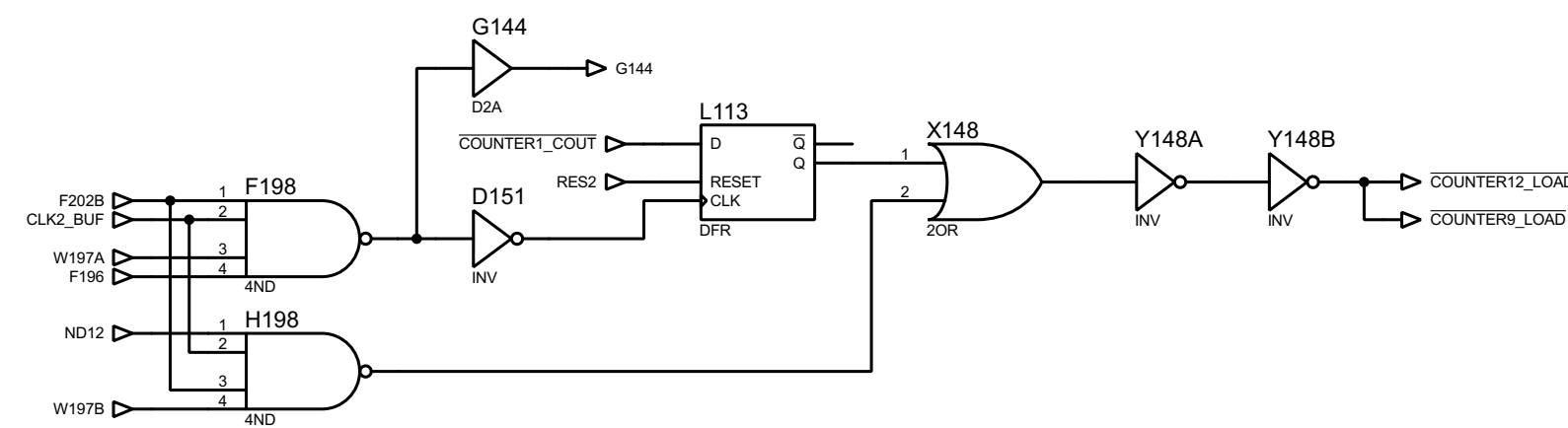
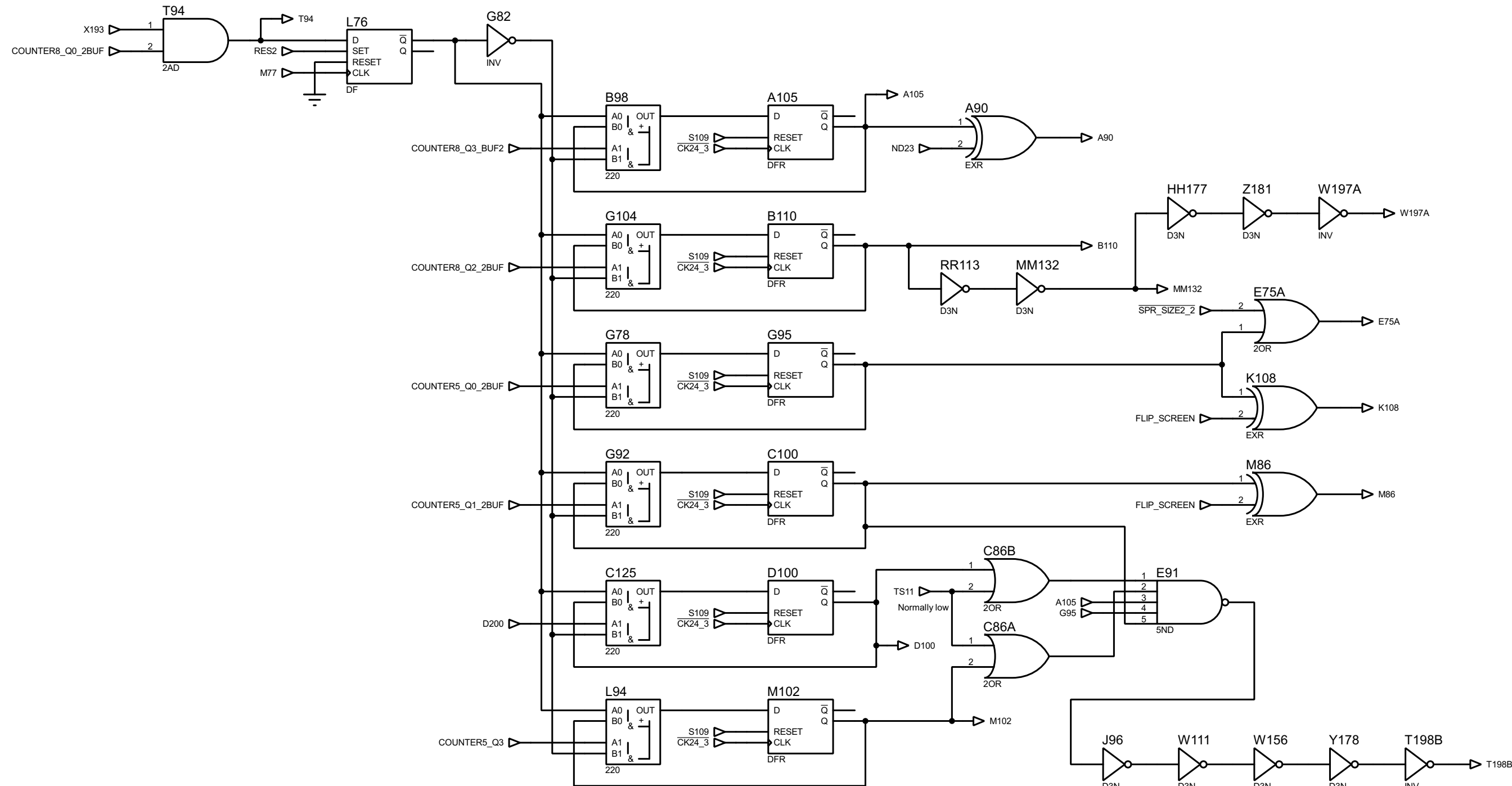
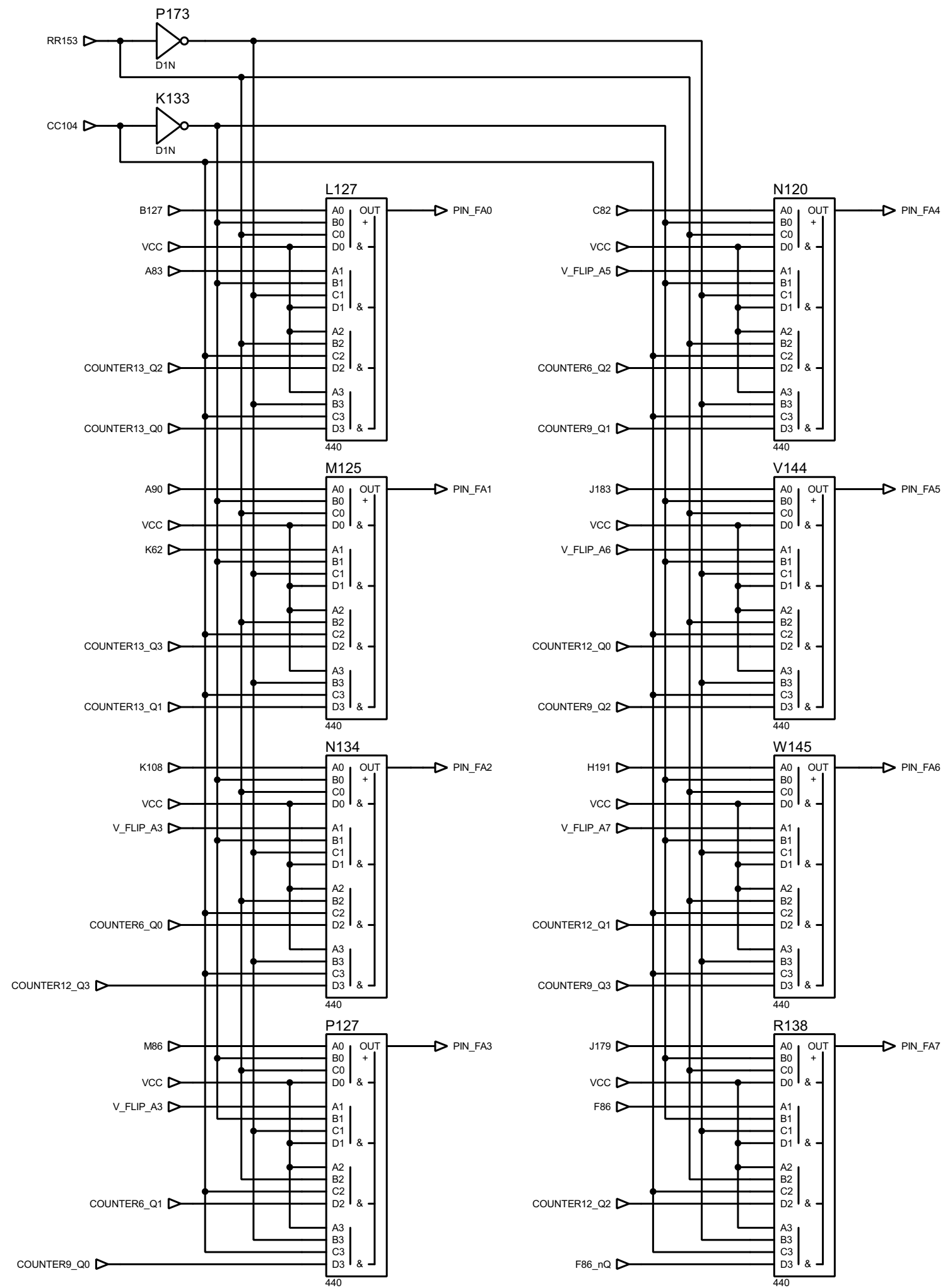
T109 or M122 must be an inverter ?

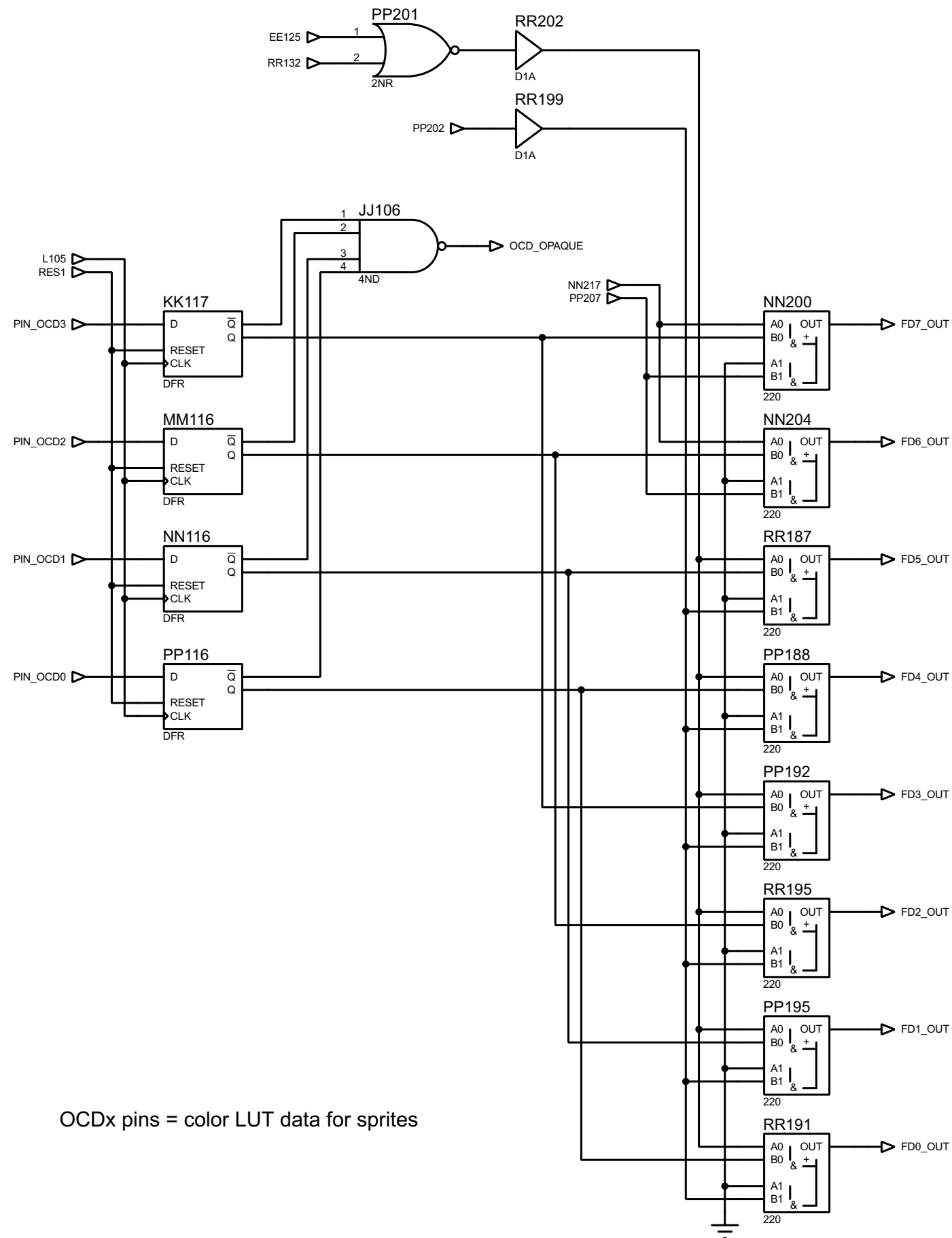


Polarity select

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OCDx pins = color LUT data for sprites

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REV: 0	

MAME says (video/k007121.cpp):

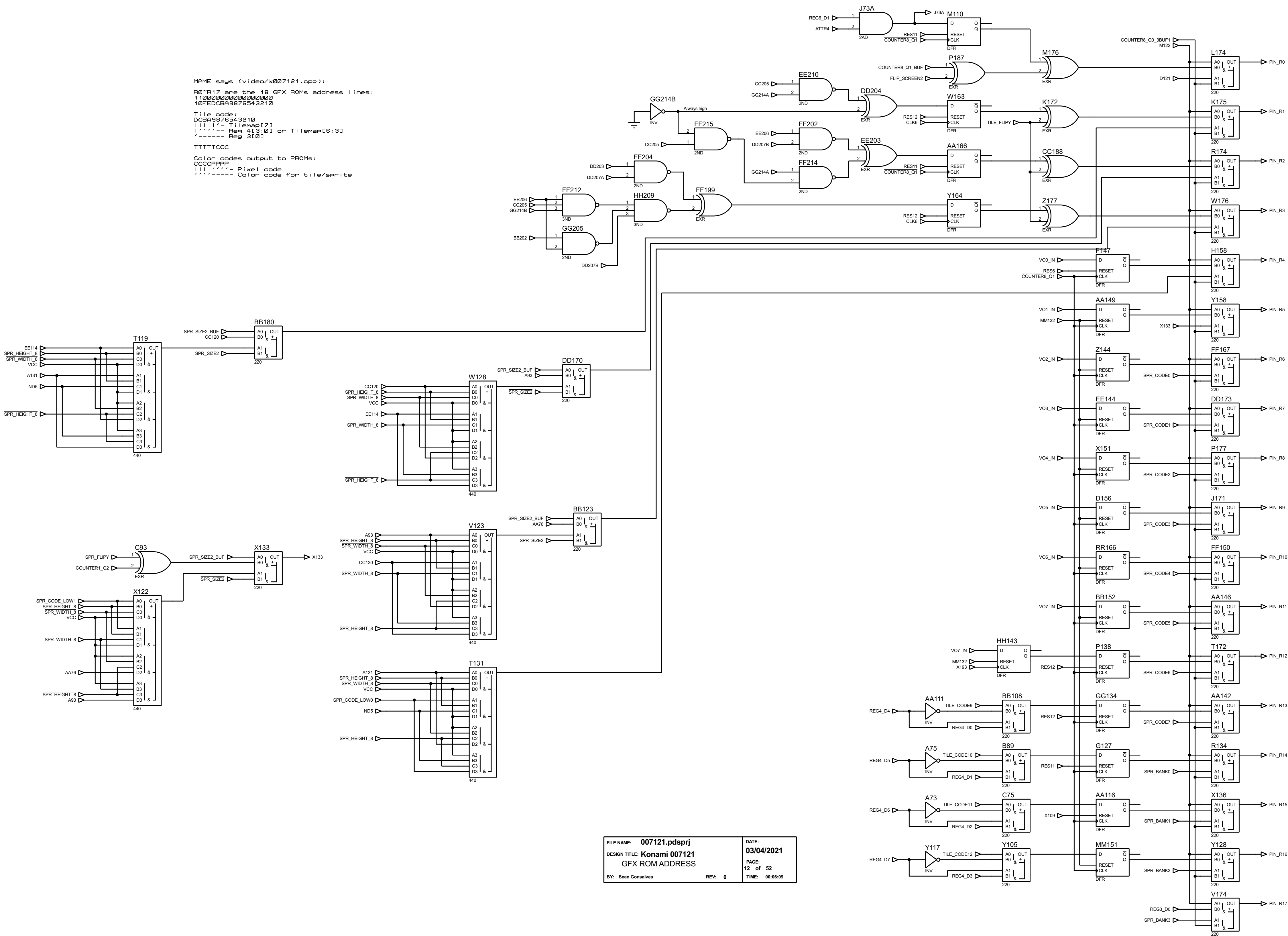
R0~R17 are the 18 GFX ROMs address lines:
1100000000000000
10FEDCBA9876543210

Tile code:
DCBA9876543210
| | | | | Tilemap[2]
| | | | | Reg 4[3:0] or Tilemap[6:3]
| | | | | Reg 3[0]

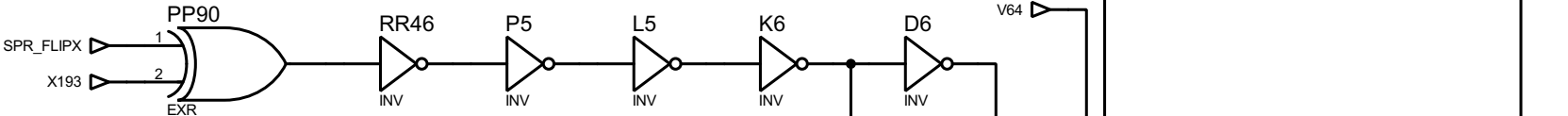
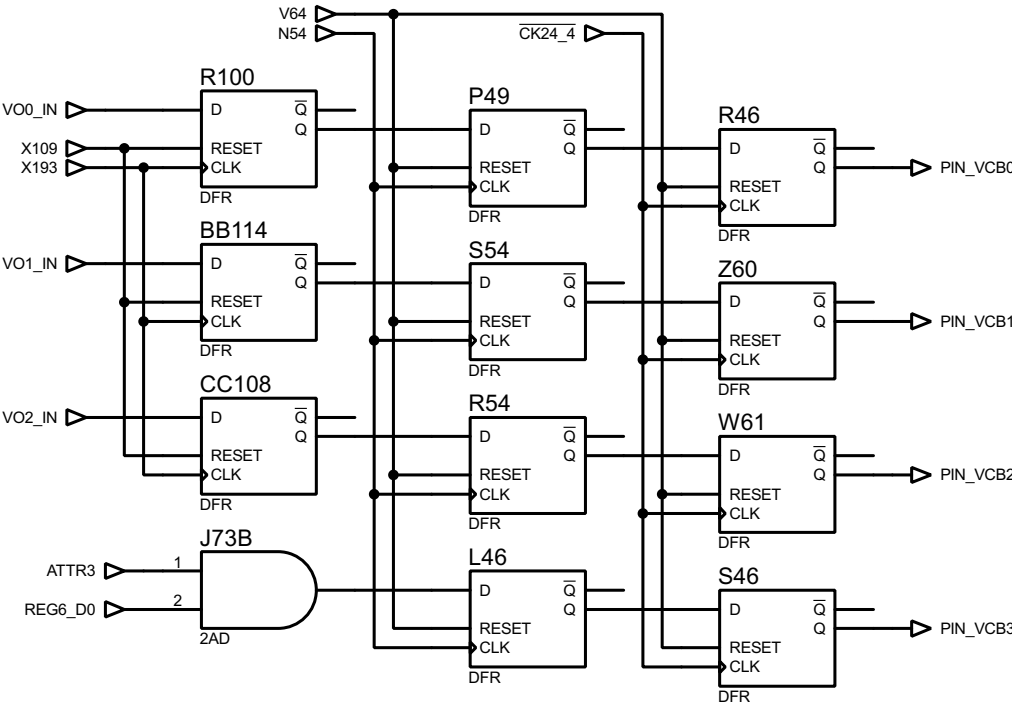
TTTTTCCC

Color codes output to PROMs:

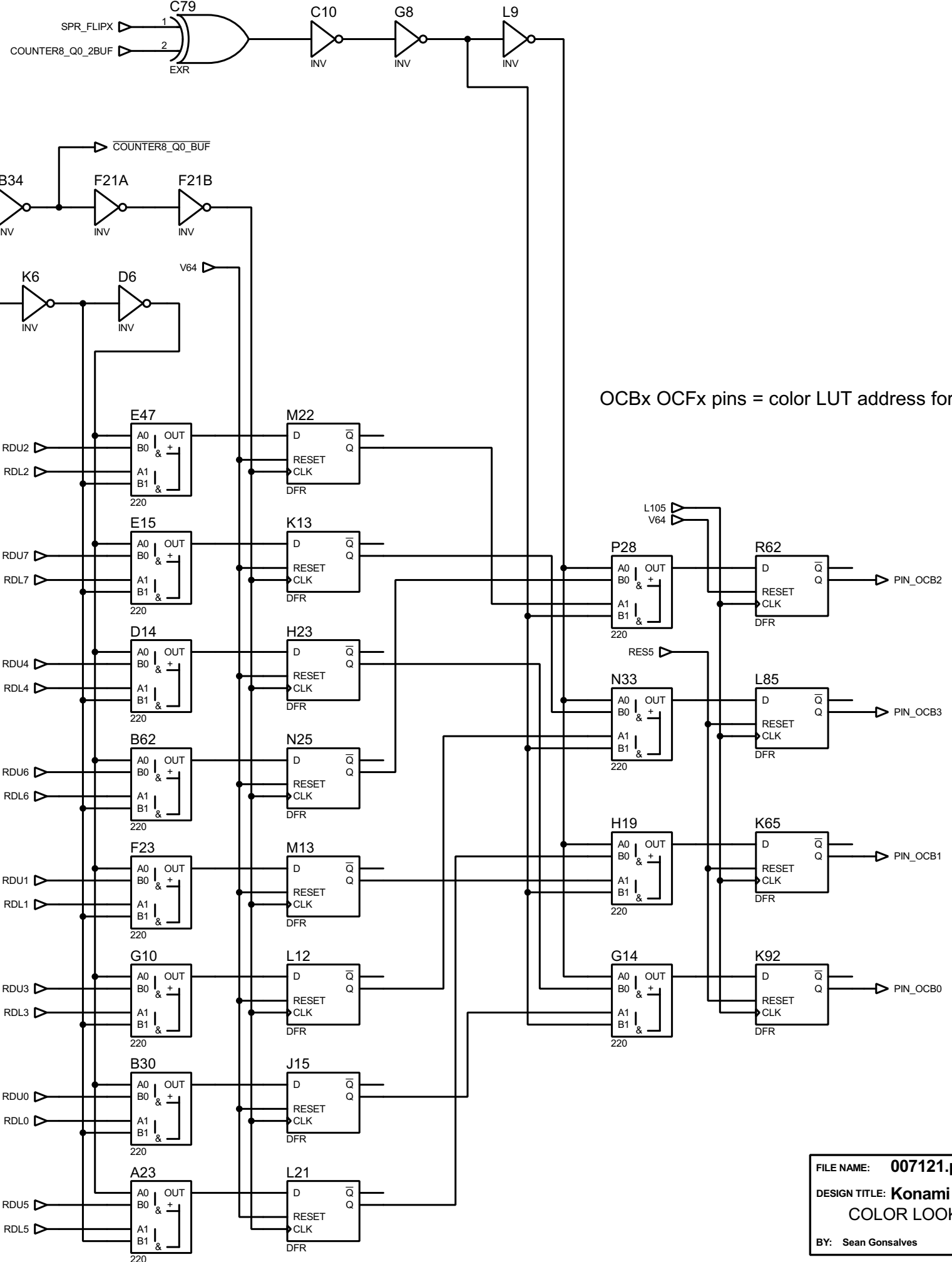
CCCCPPPP
| | | | | Pixel code
| | | | | Color code for tile/sprite



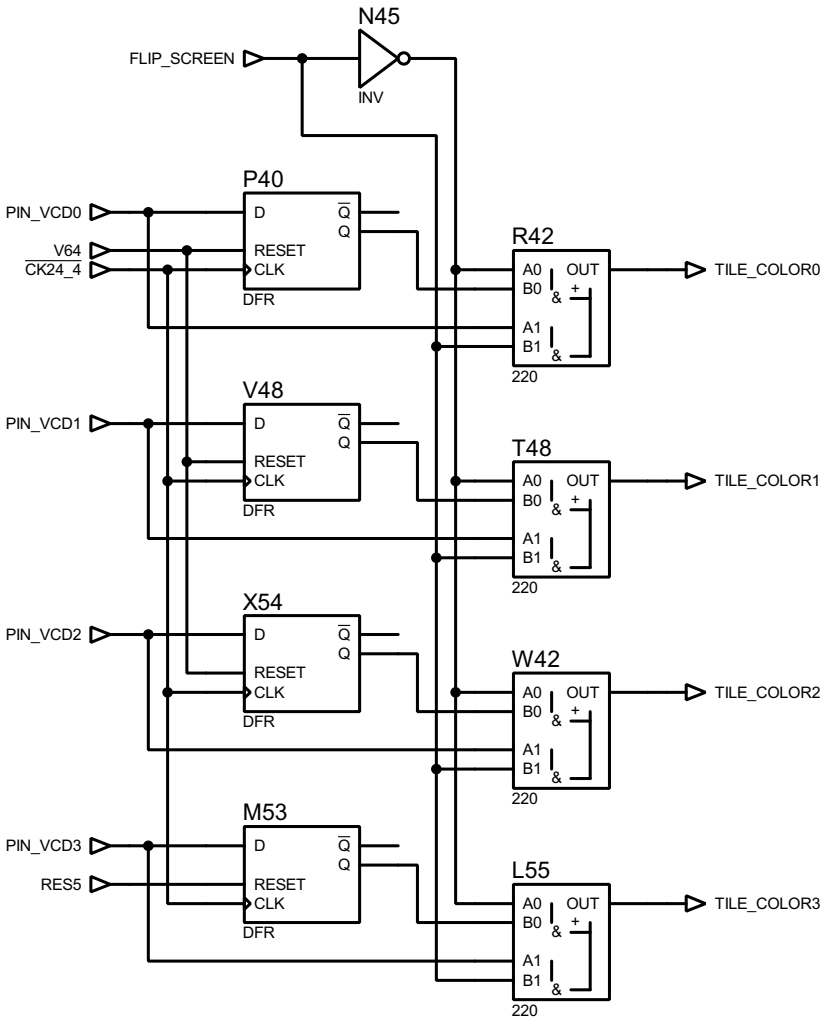
VCBx VCFx pins = color LUT address for tiles

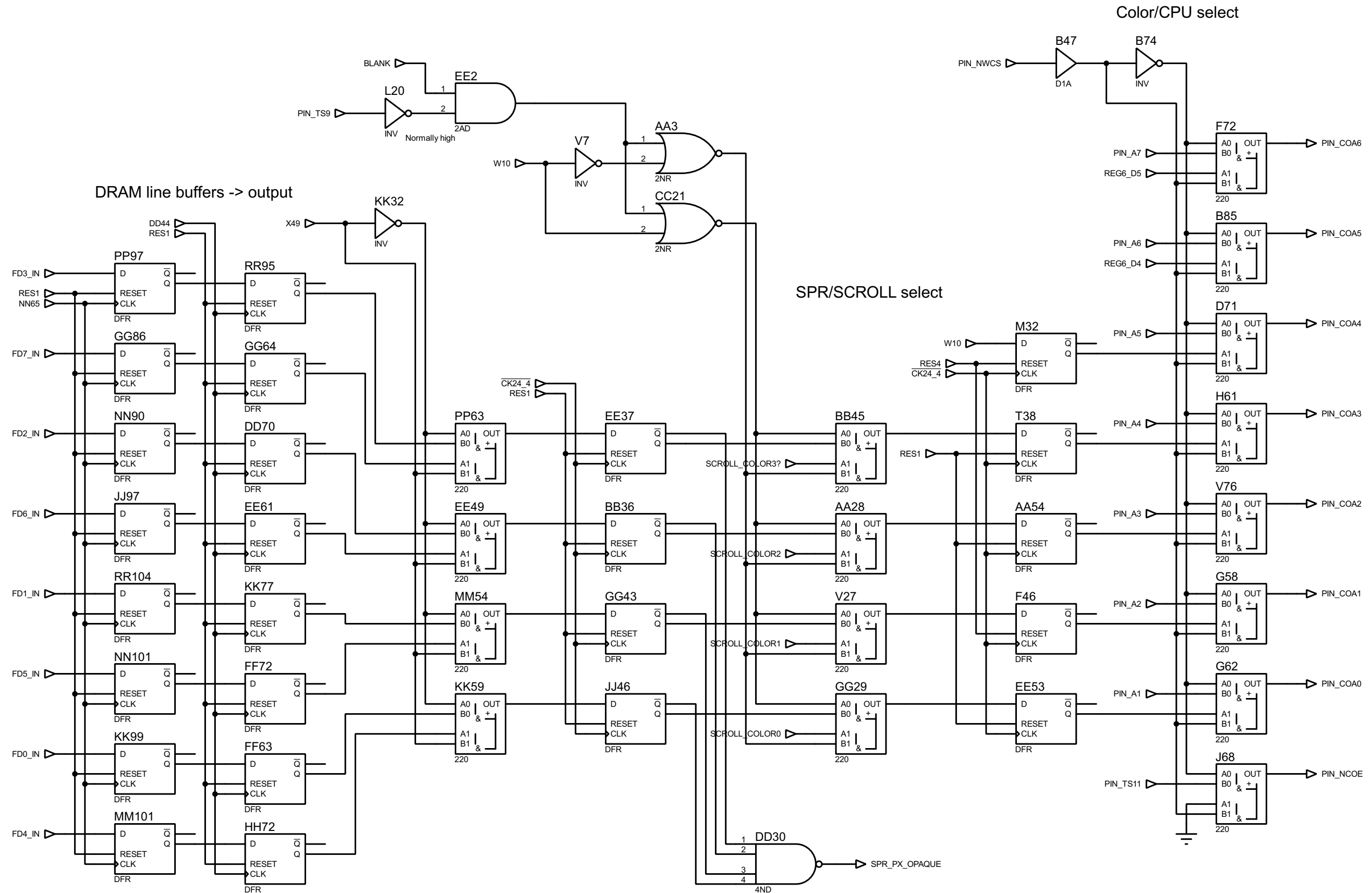


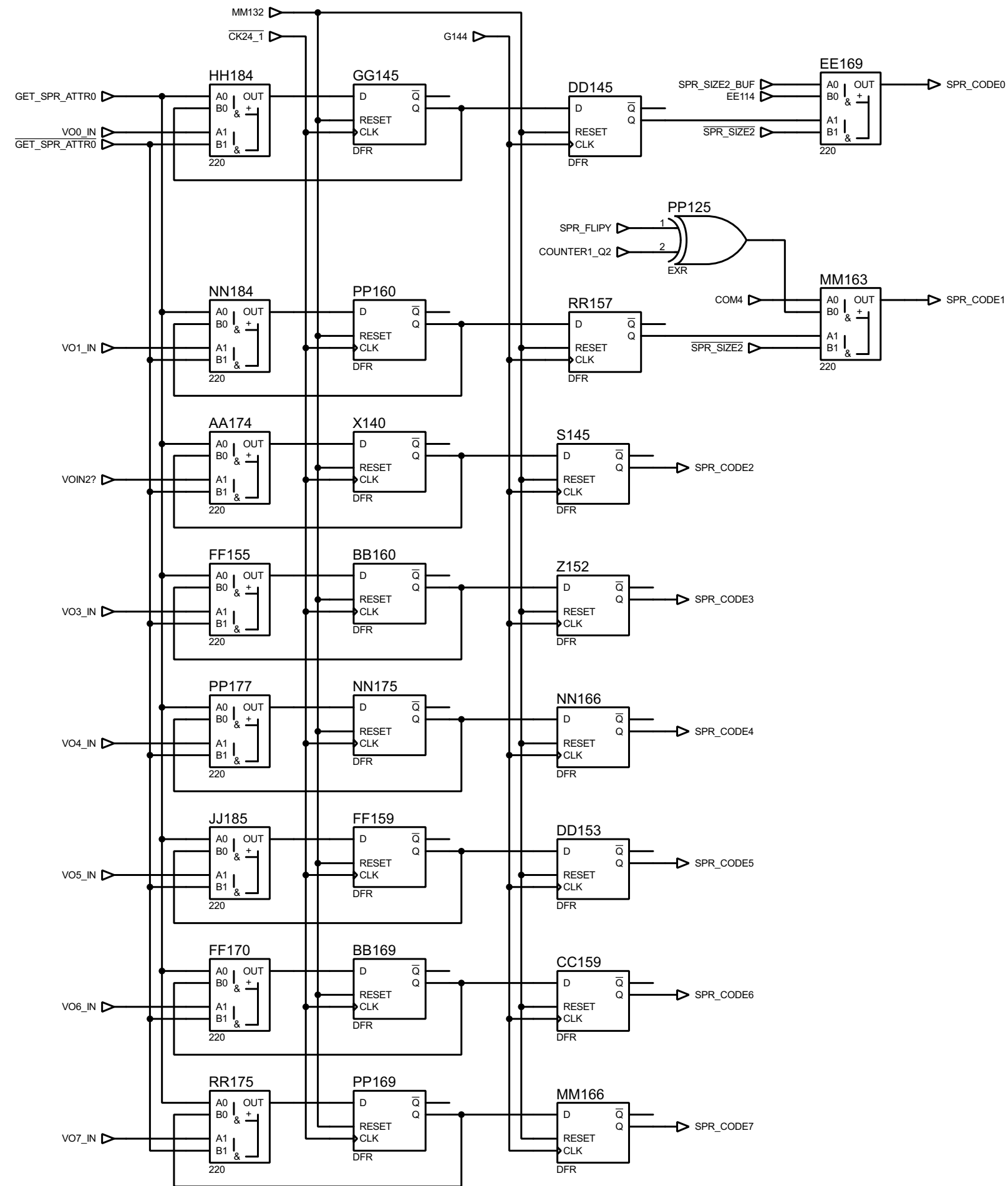
OCBx OCFx pins = color LUT address for sprites

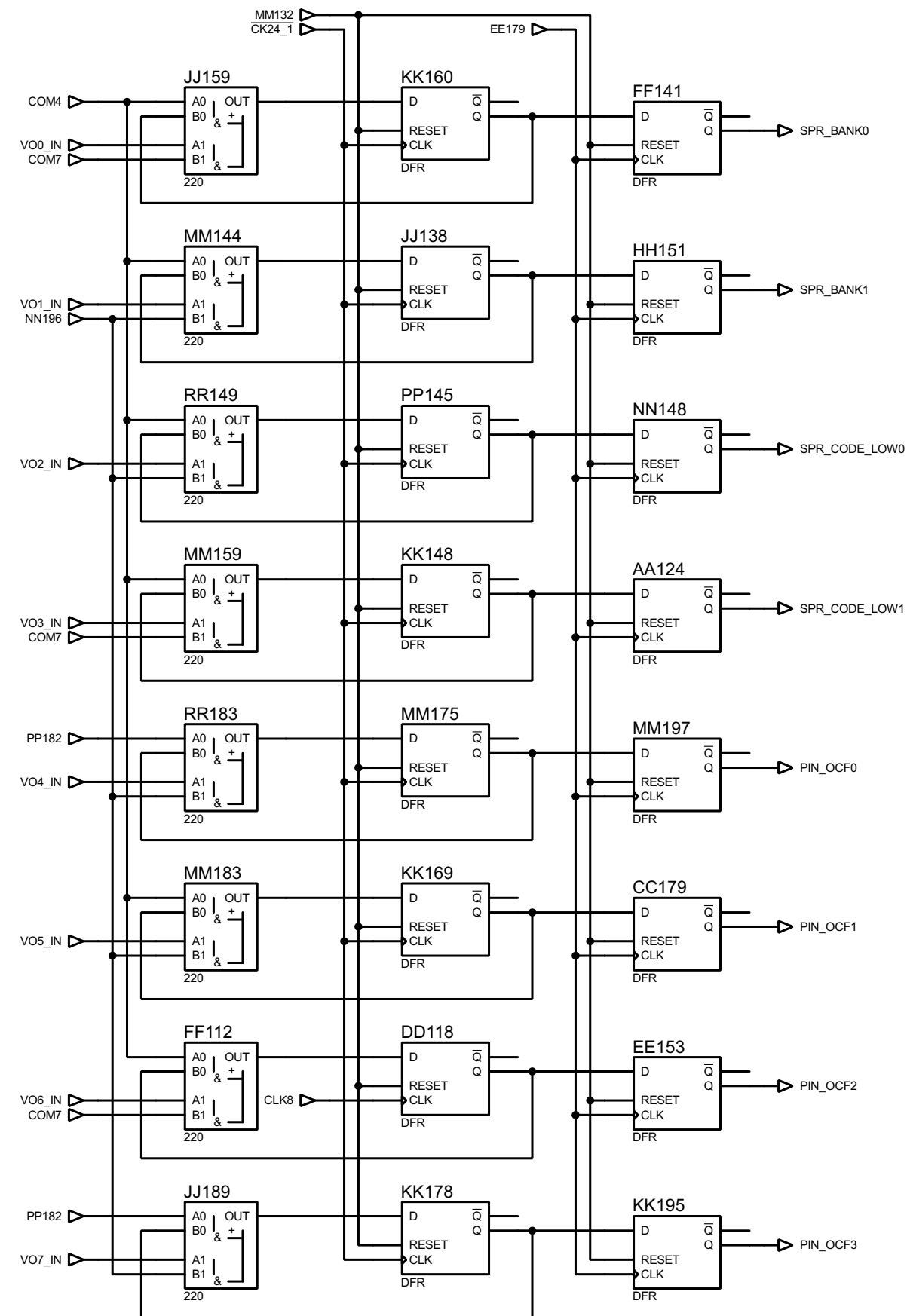


VCDx pins = color LUT data for tiles

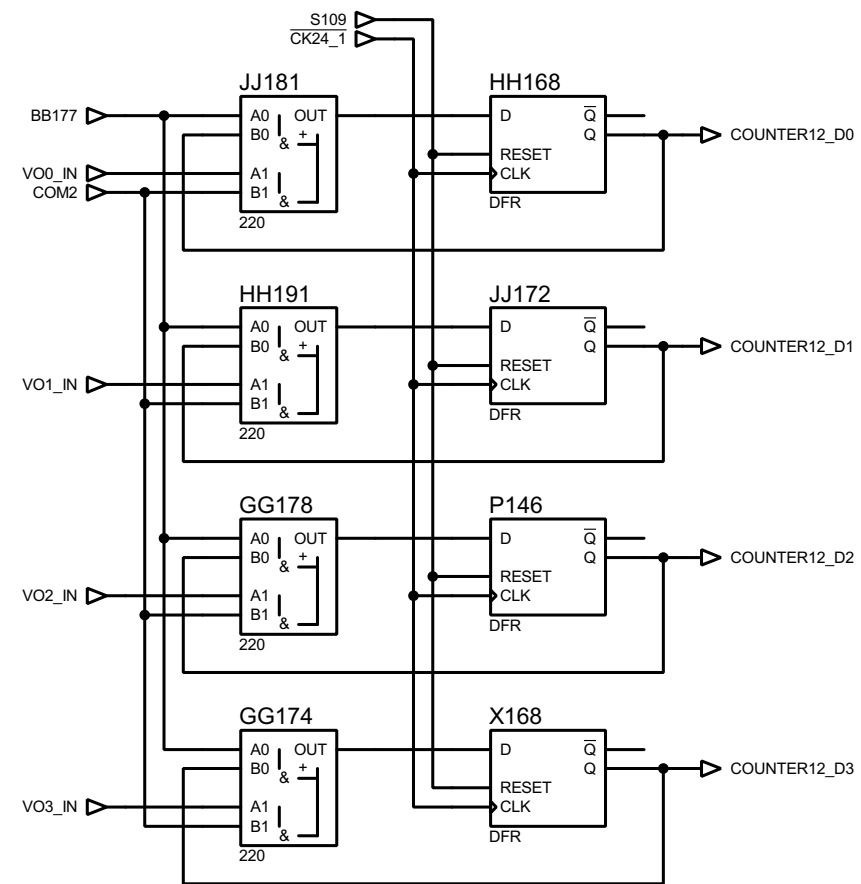
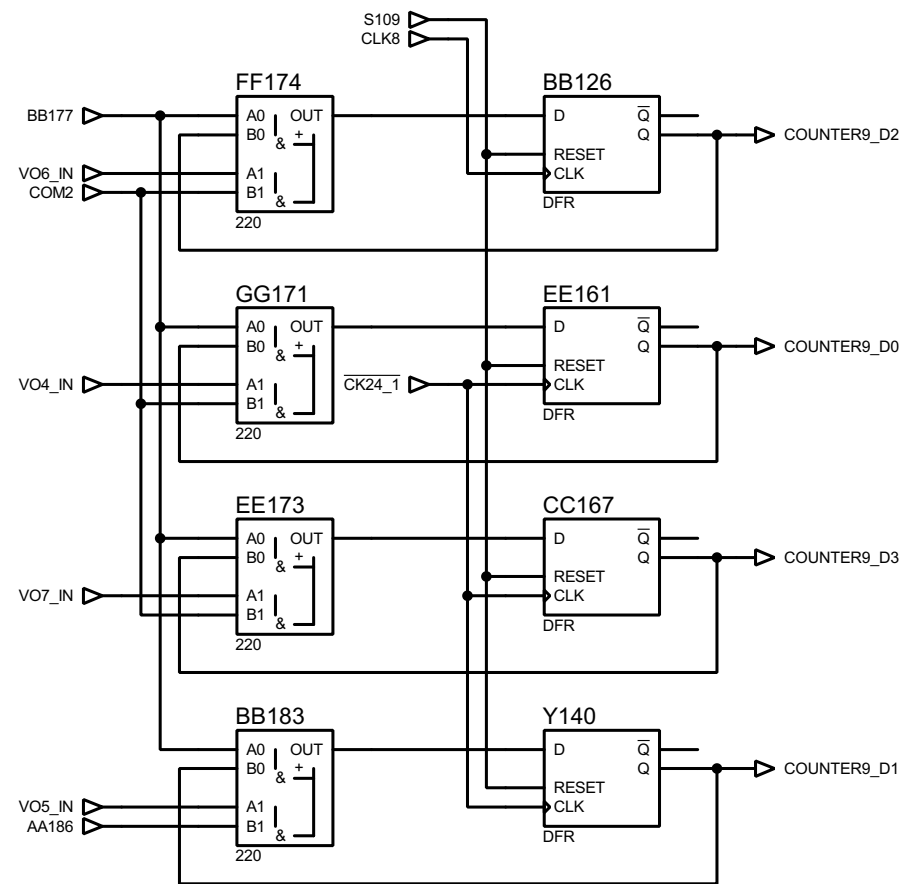




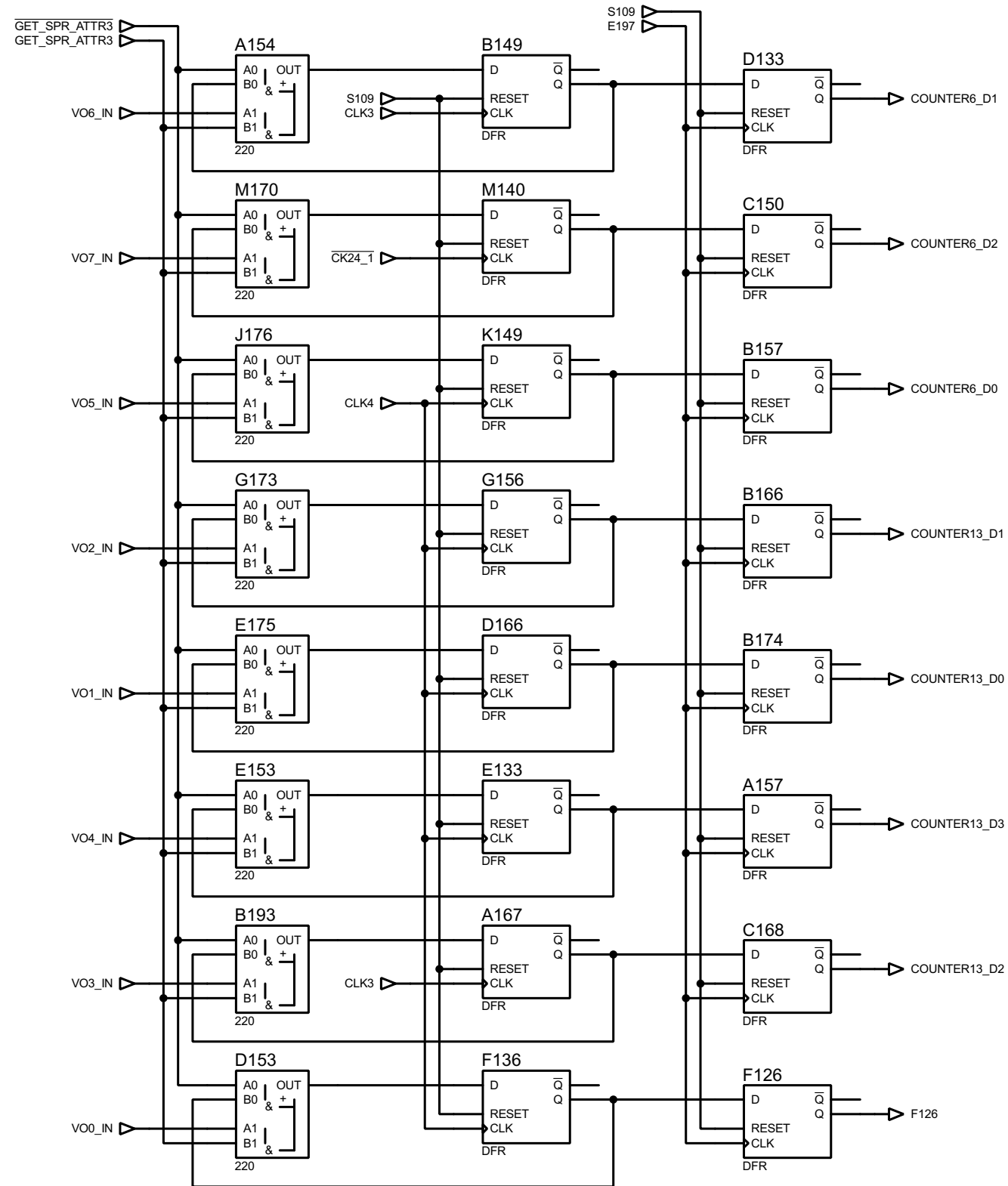




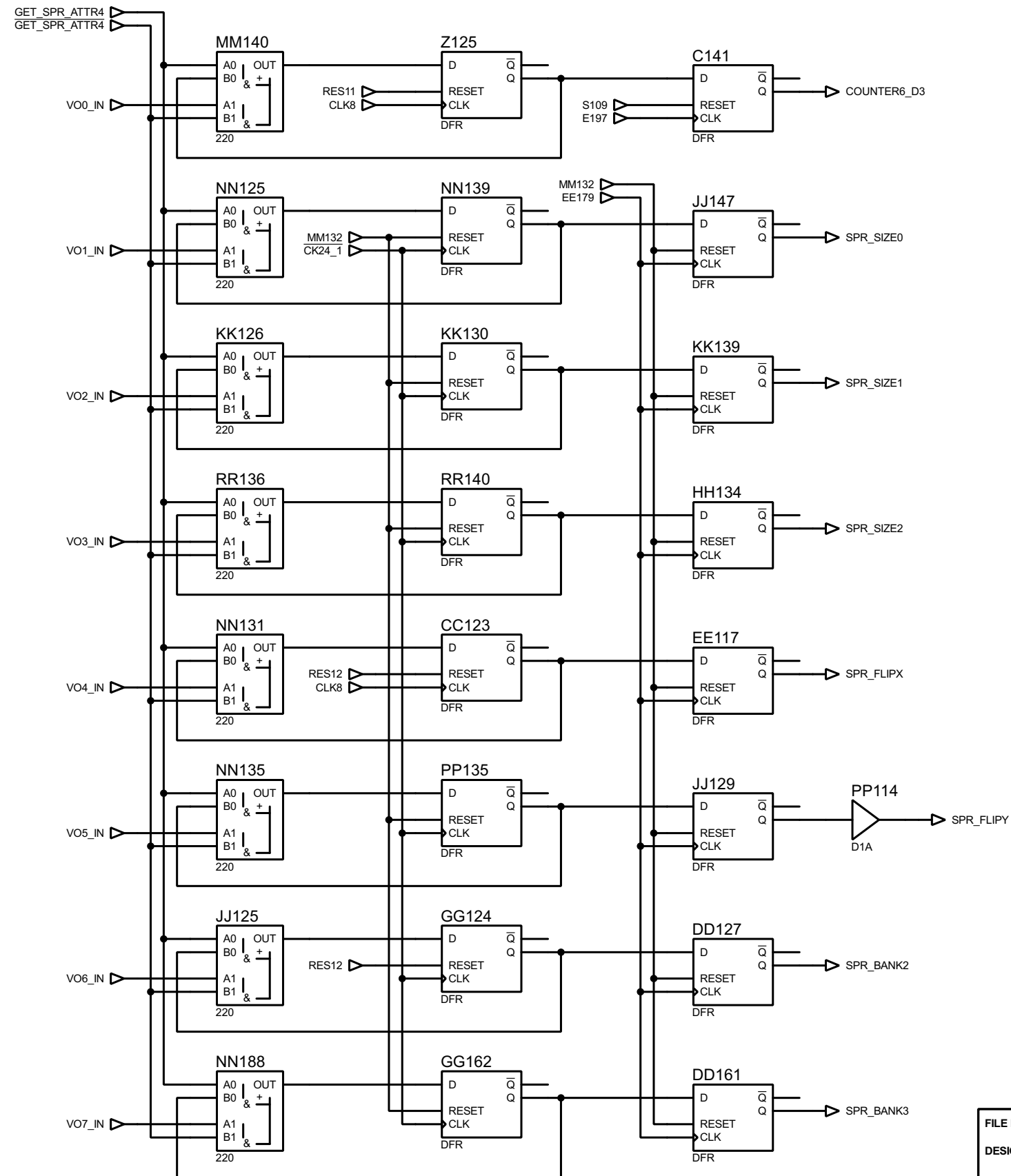
FILE NAME: 007121.pdsprj	DATE: 03/04/2021
DESIGN TITLE: Konami 007121 SPR ATTR 1	PAGE: 17 of 52
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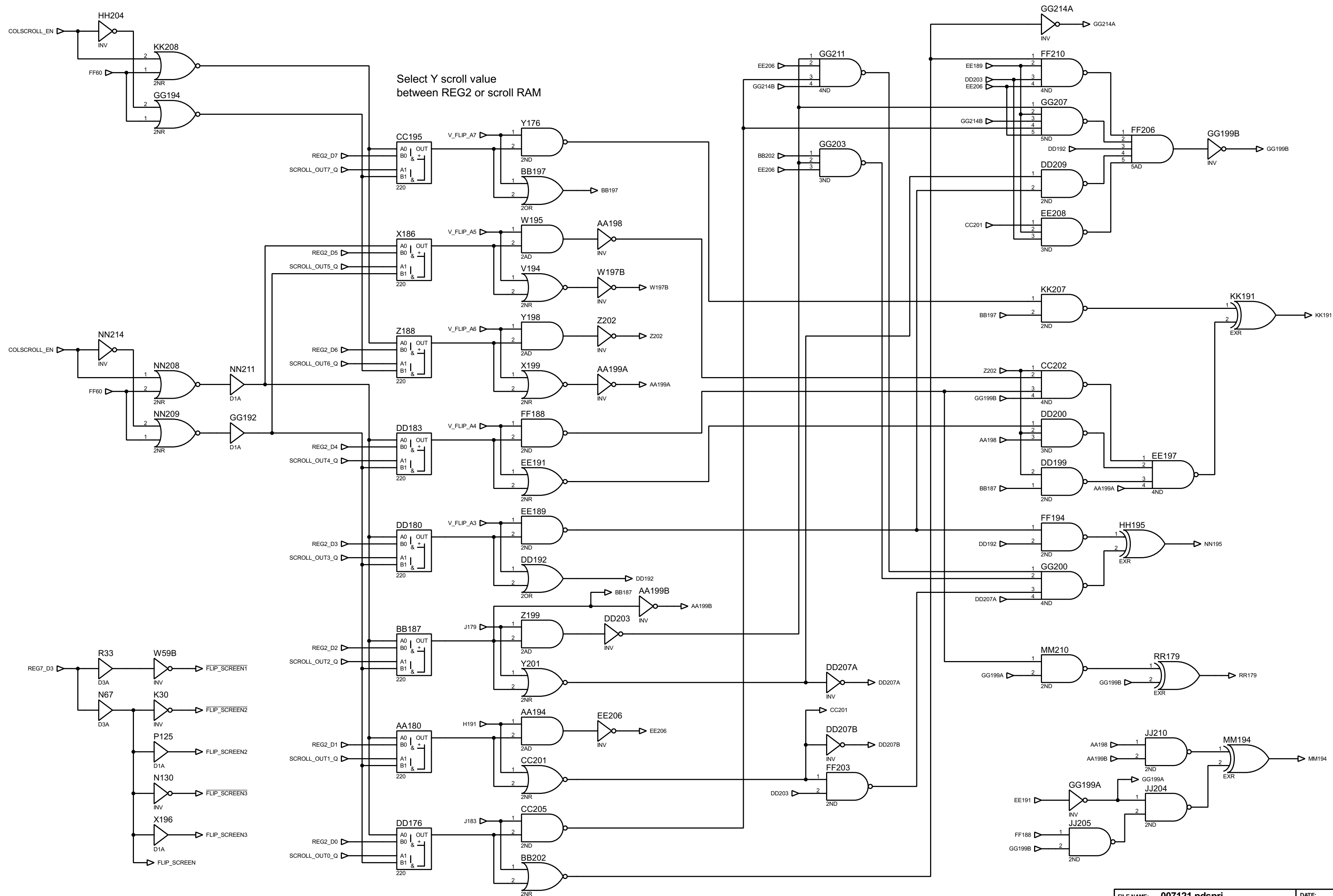


FILE NAME: 007121.pdsprj		DATE:
DESIGN TITLE: Konami 007121		03/04/2021
SPR ATTR 2		PAGE:
		18 of 52
BY: Sean Gonsalves	REV: 0	TIME: 00:06:09

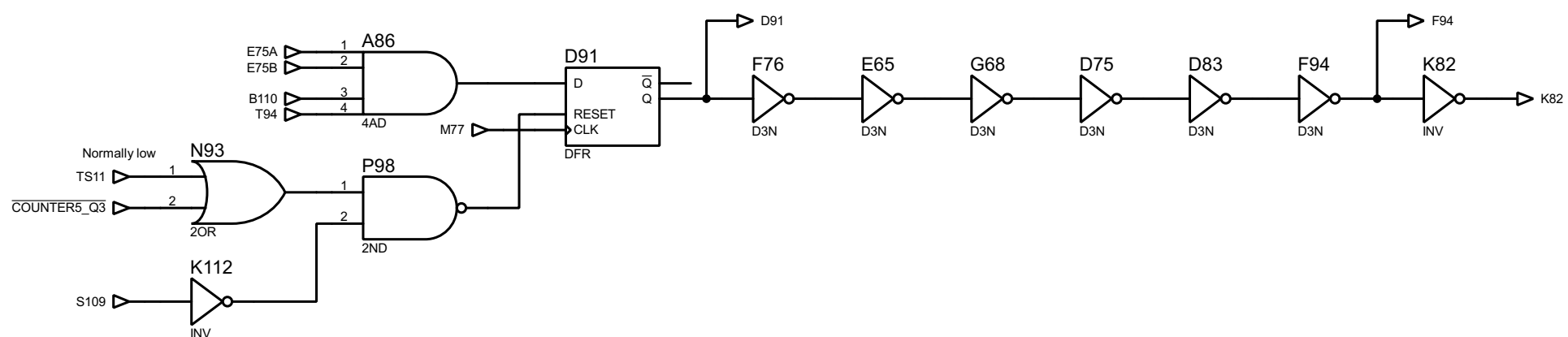
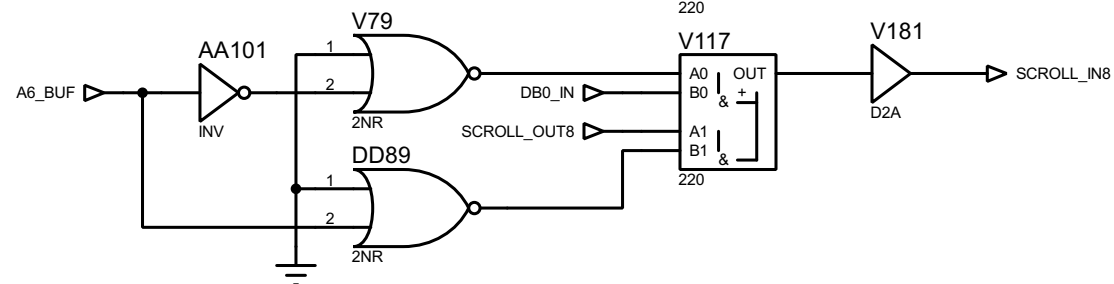
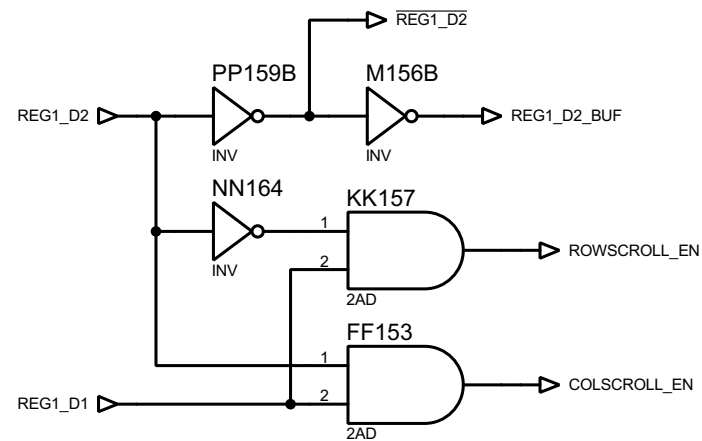
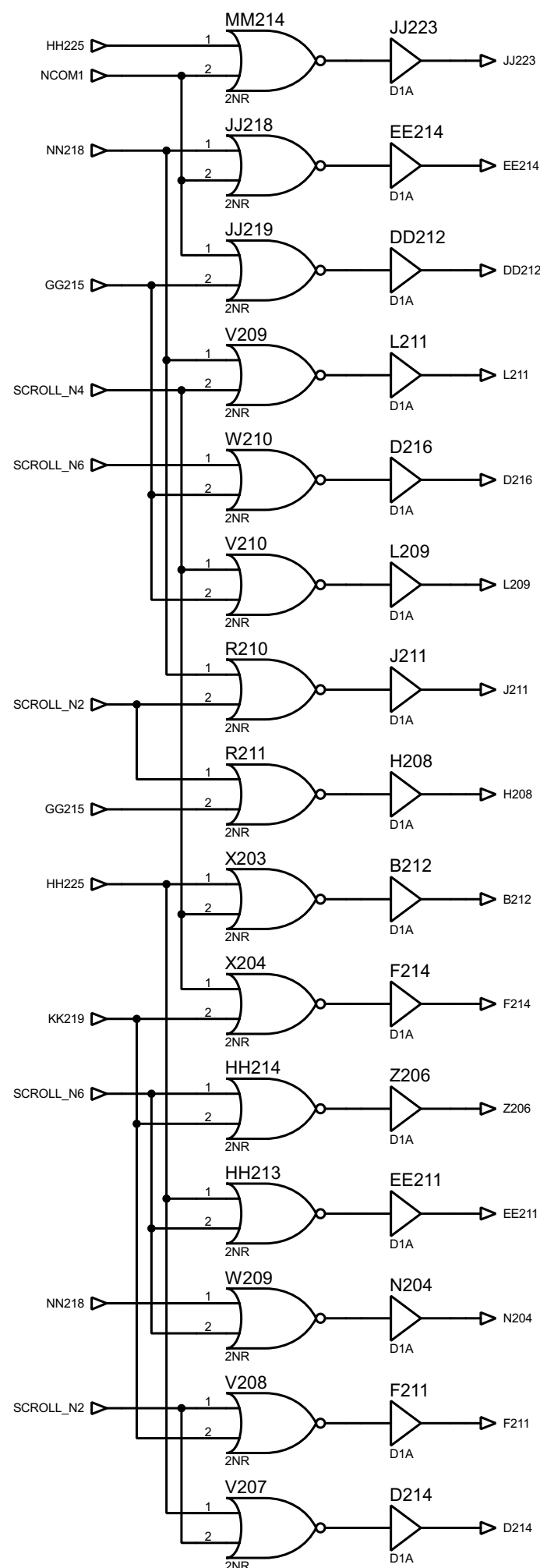


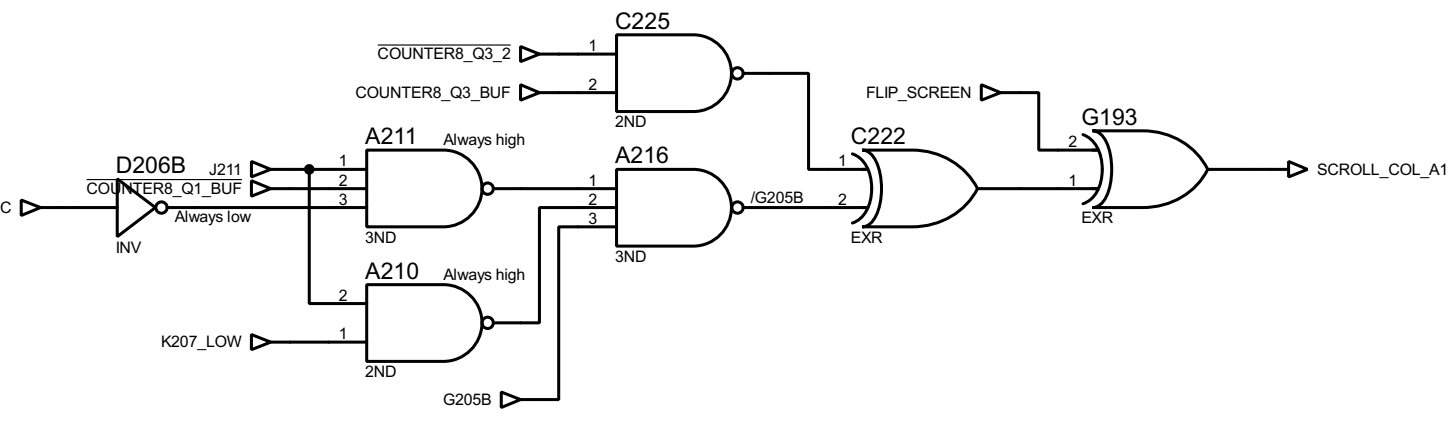
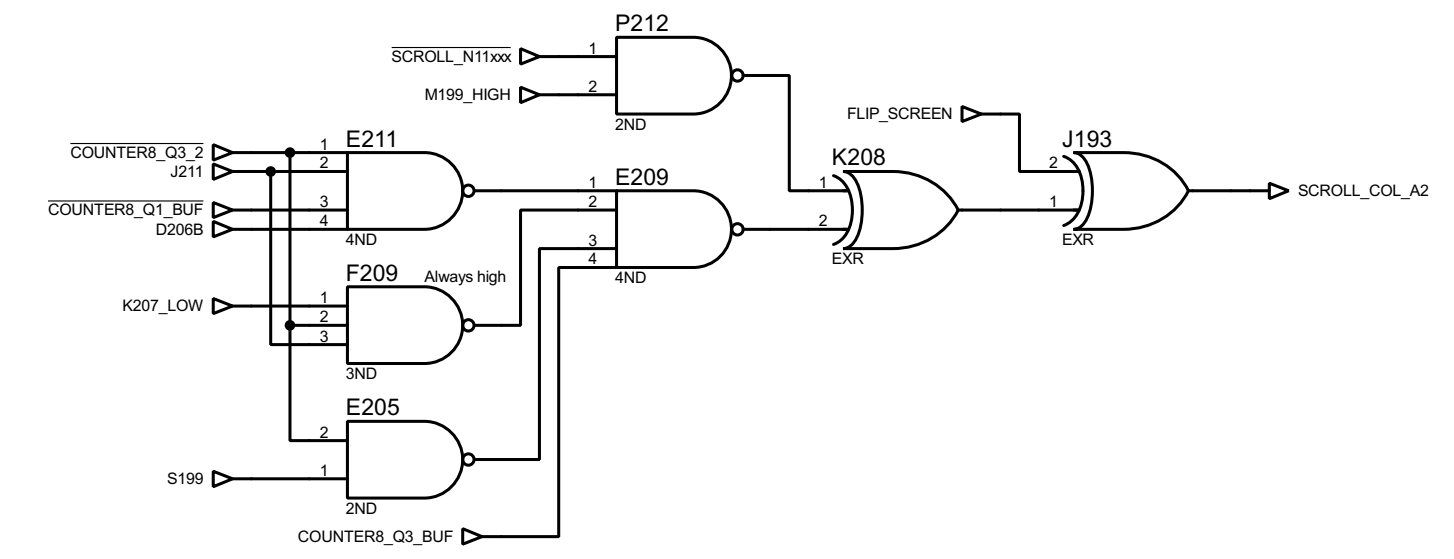
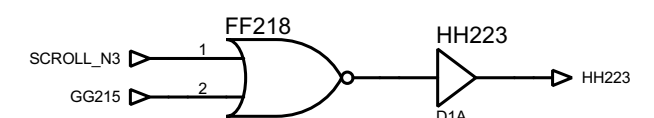
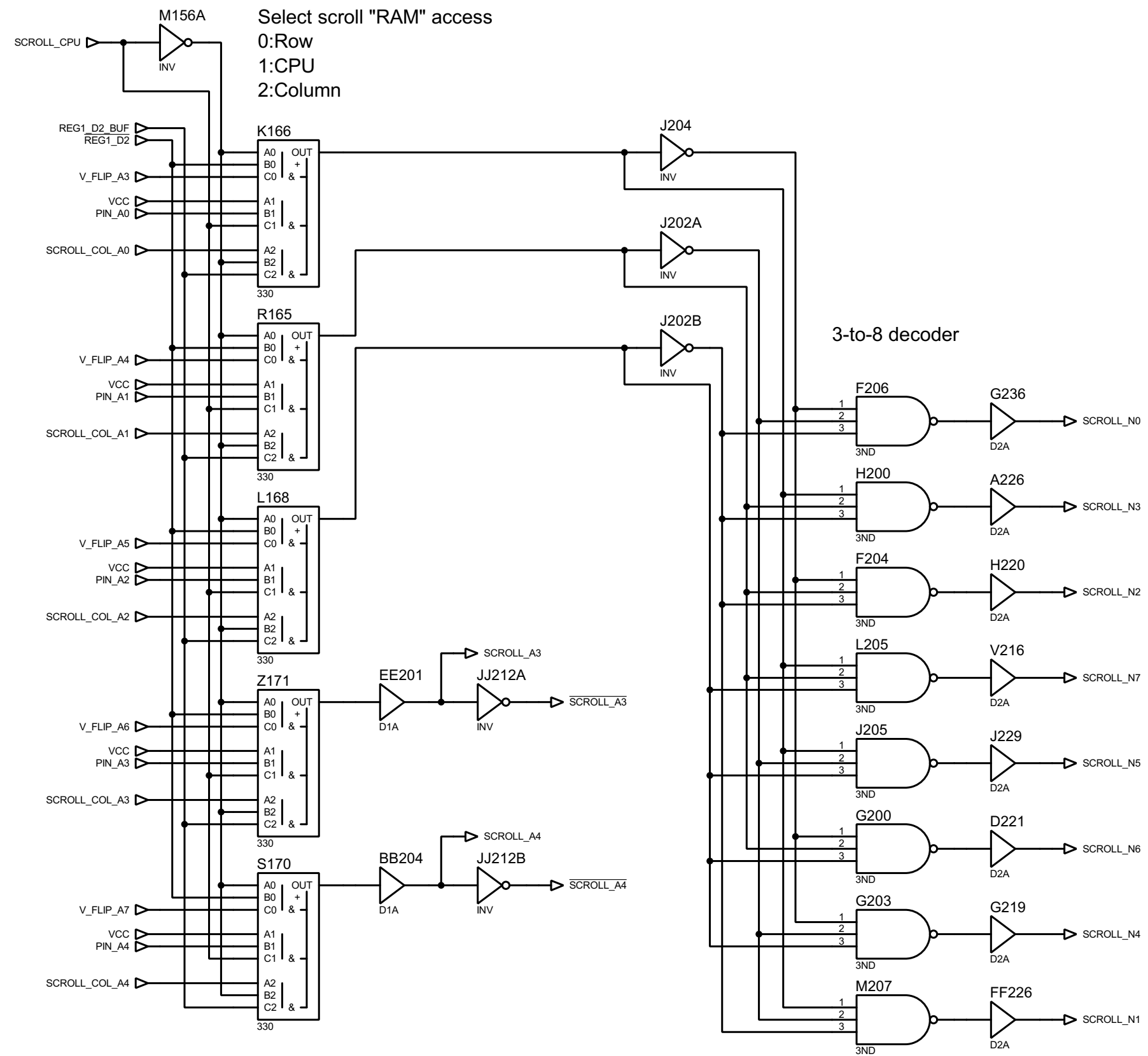
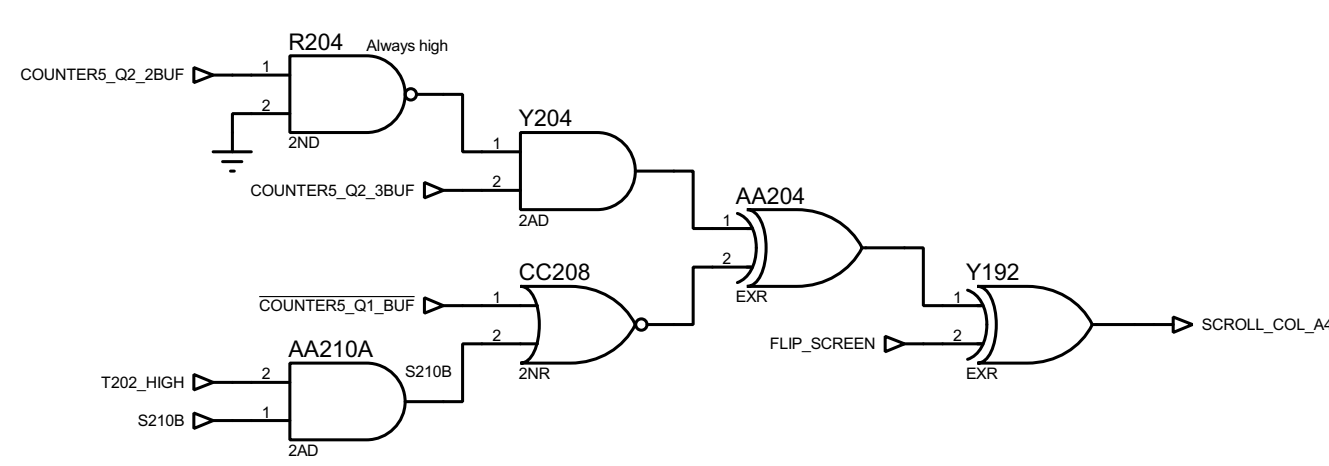
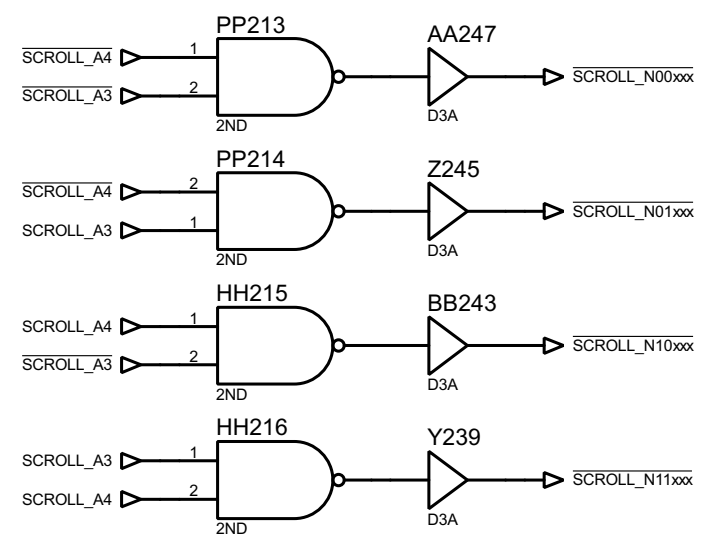
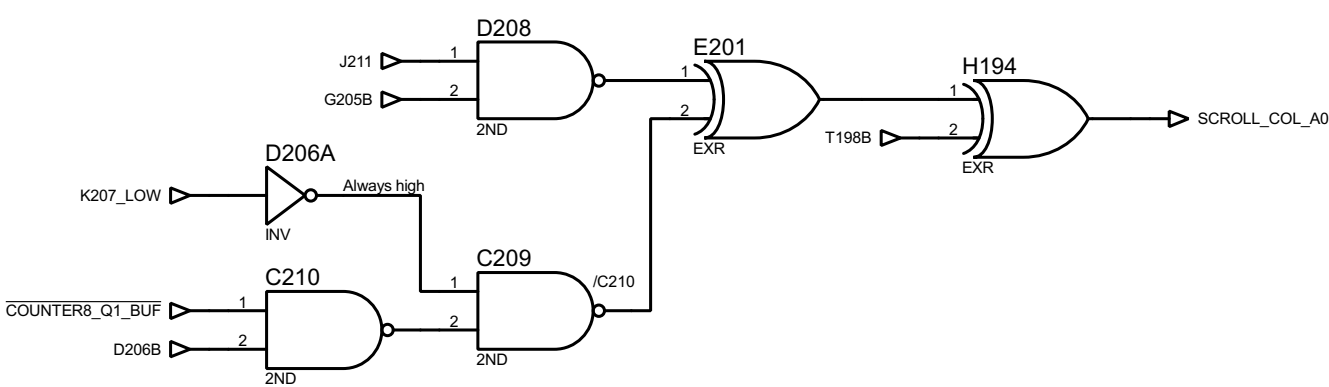
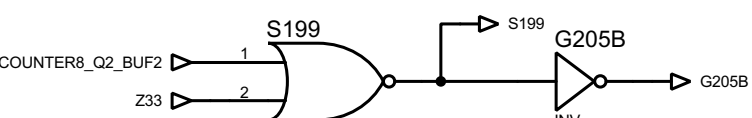
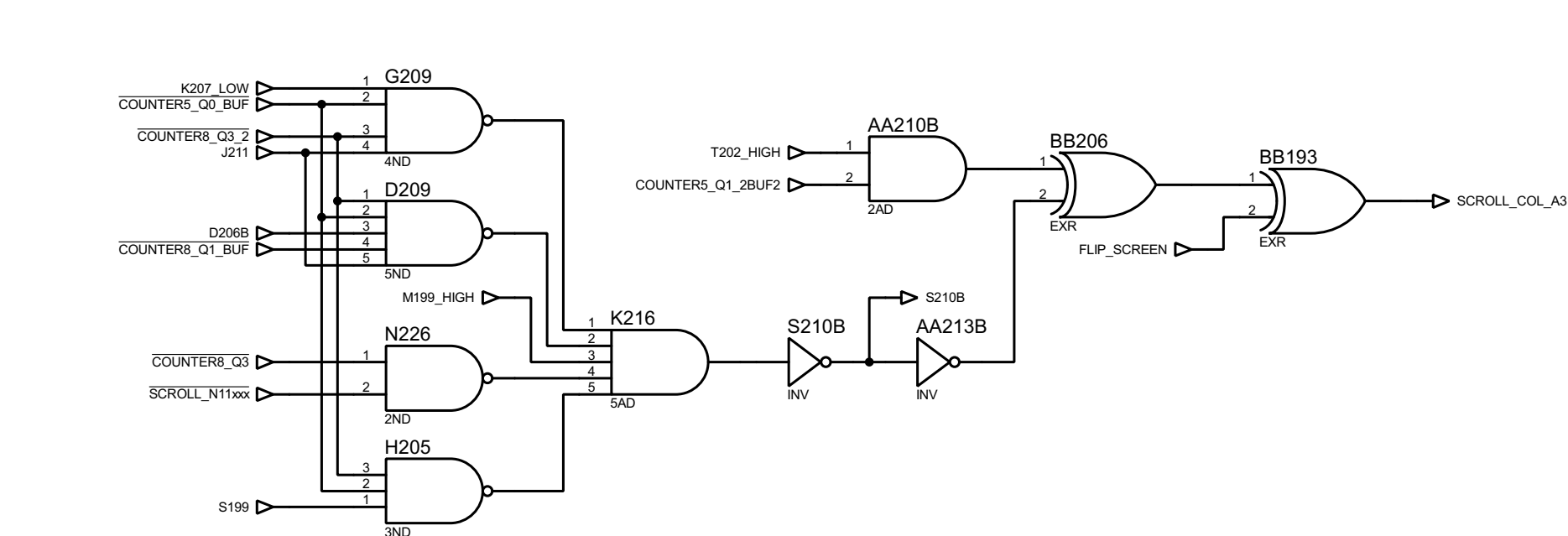
FILE NAME: 007121.pdsprj	DATE: 03/04/2021
DESIGN TITLE: Konami 007121 SPR ATTR 3 (X POS)	PAGE: 19 of 52
BY: Sean Gonsalves	REV: 0





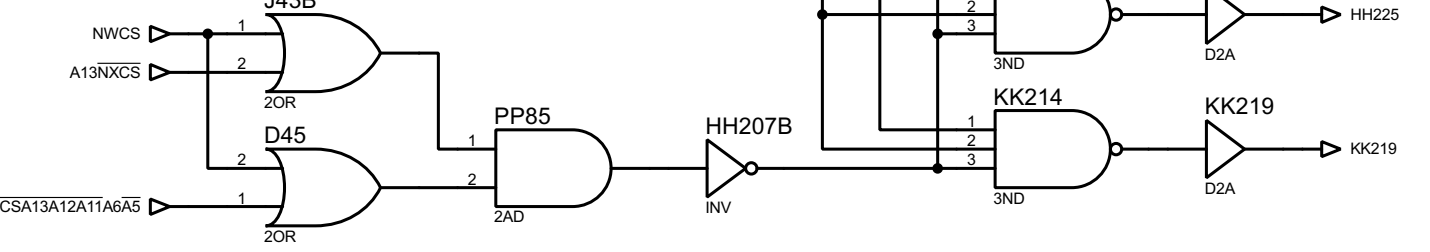
FILE NAME: 007121.pdsprj	DATE: 03/04/2021
DESIGN TITLE: Konami 007121 SCROLL Y	PAGE: 22 of 52
BY: Sean Gonsalves	REV: 0

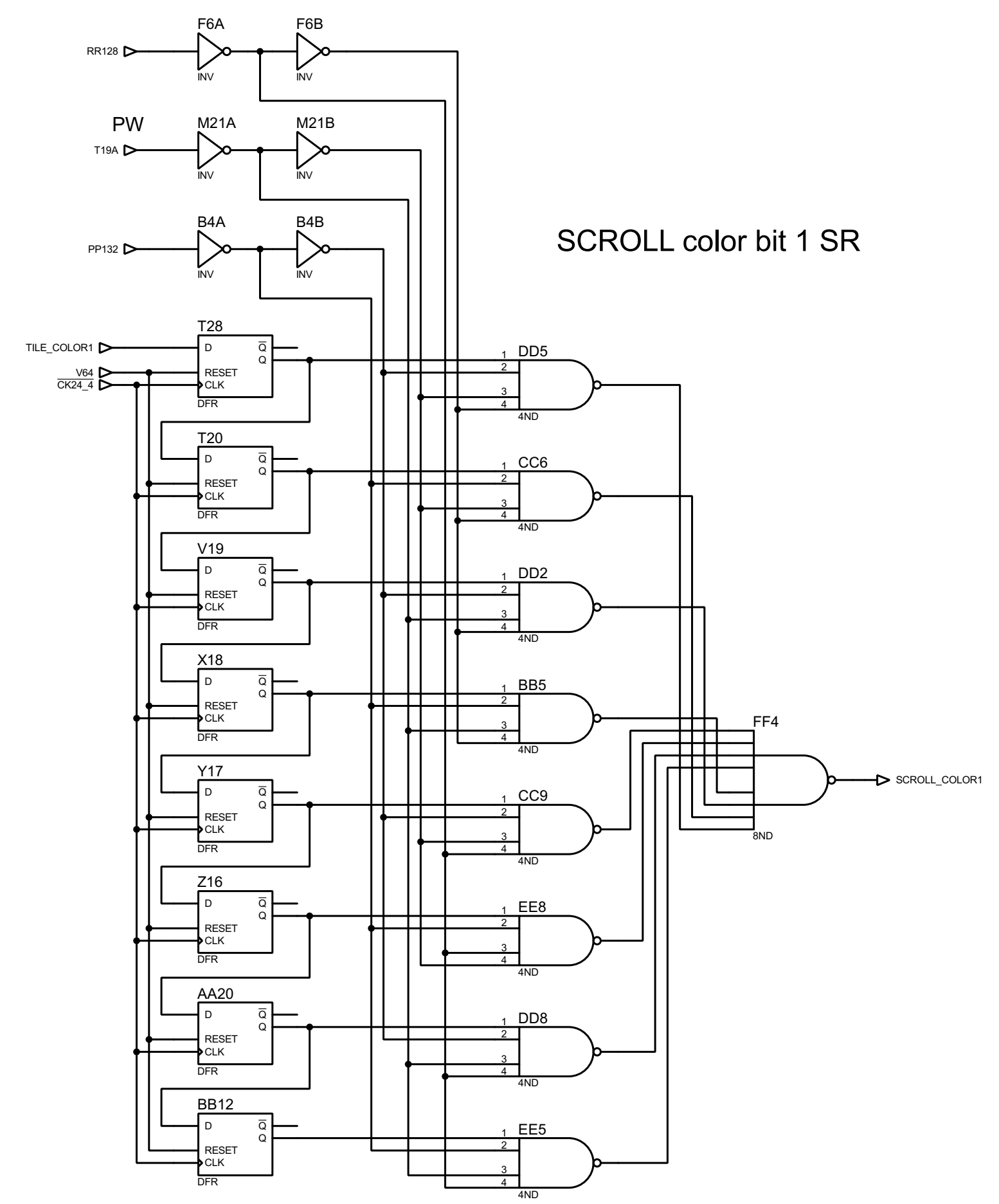
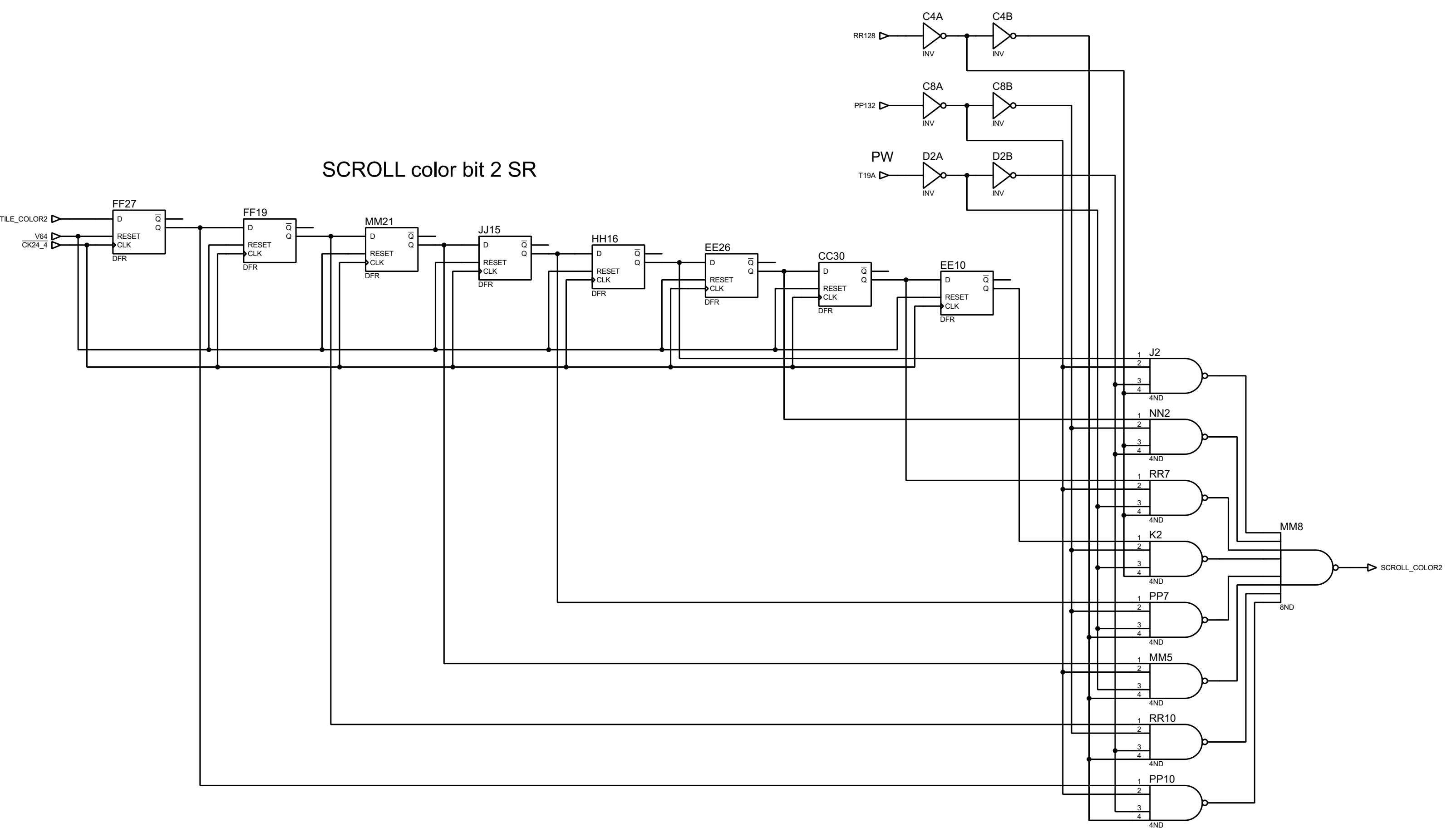
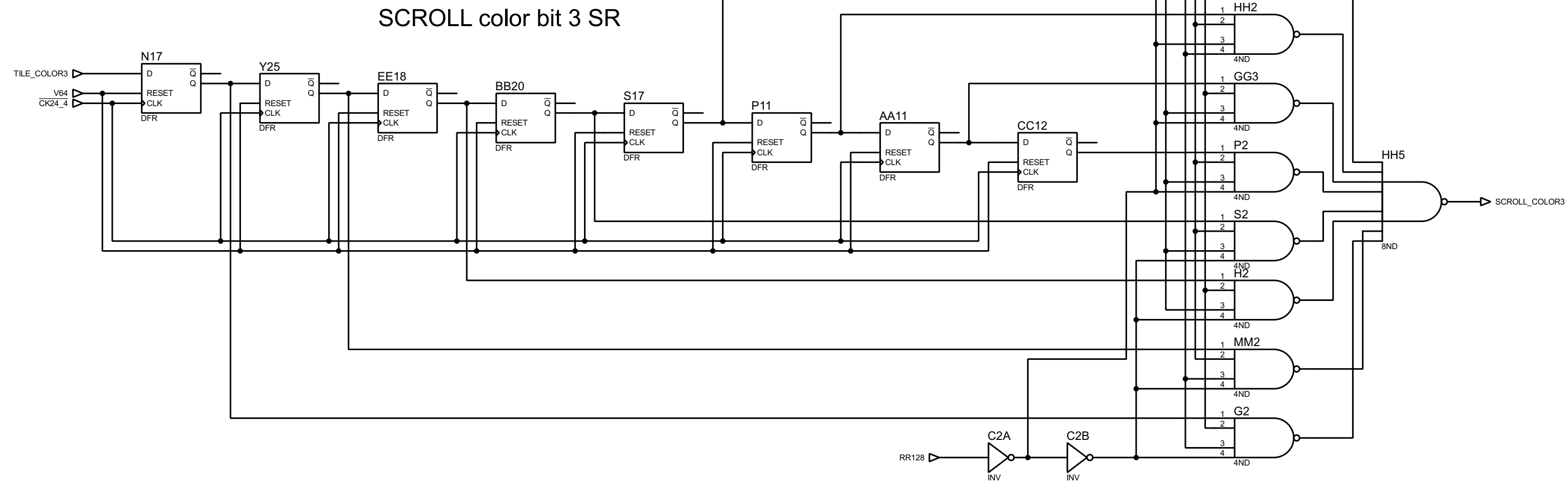
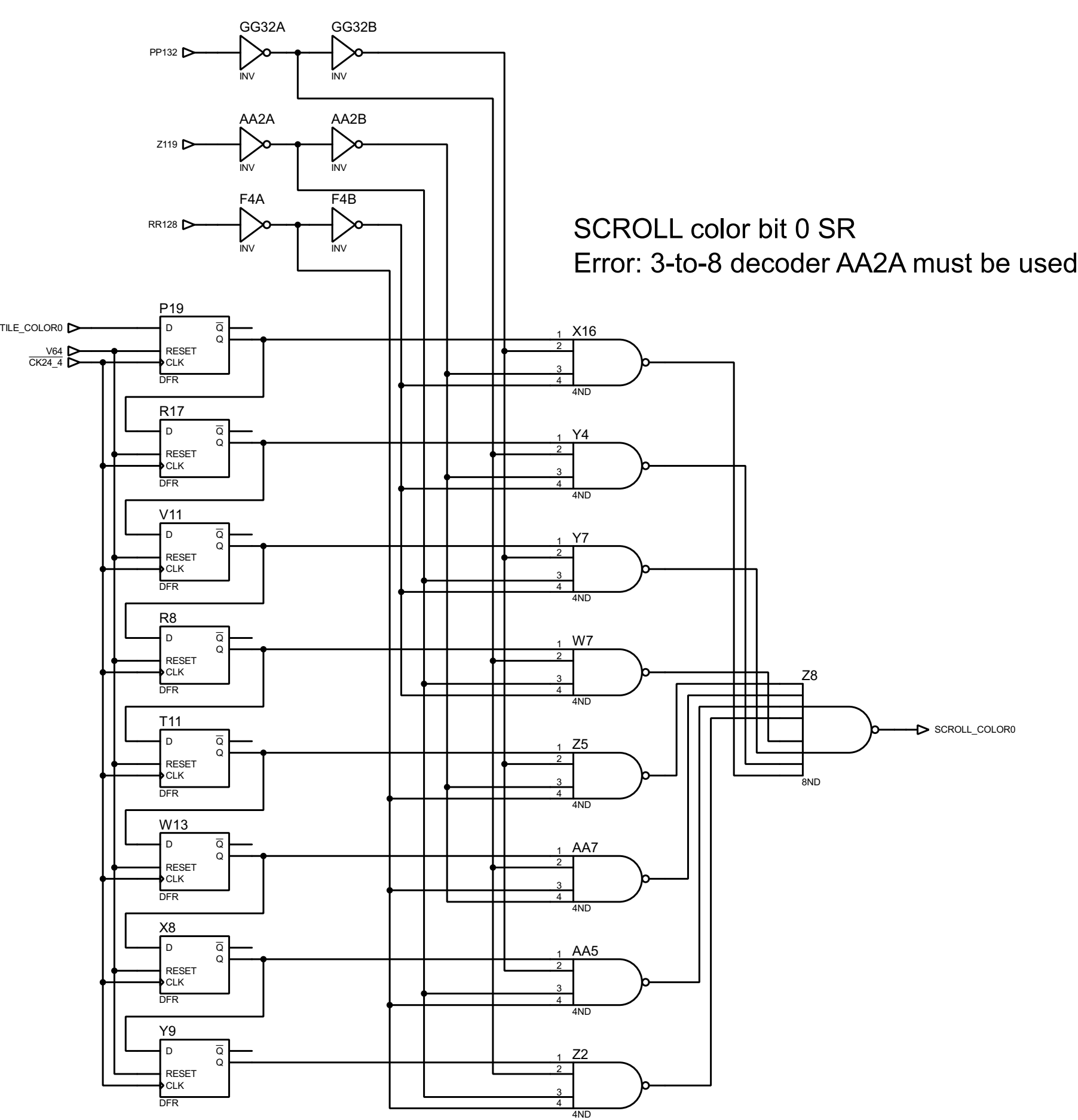




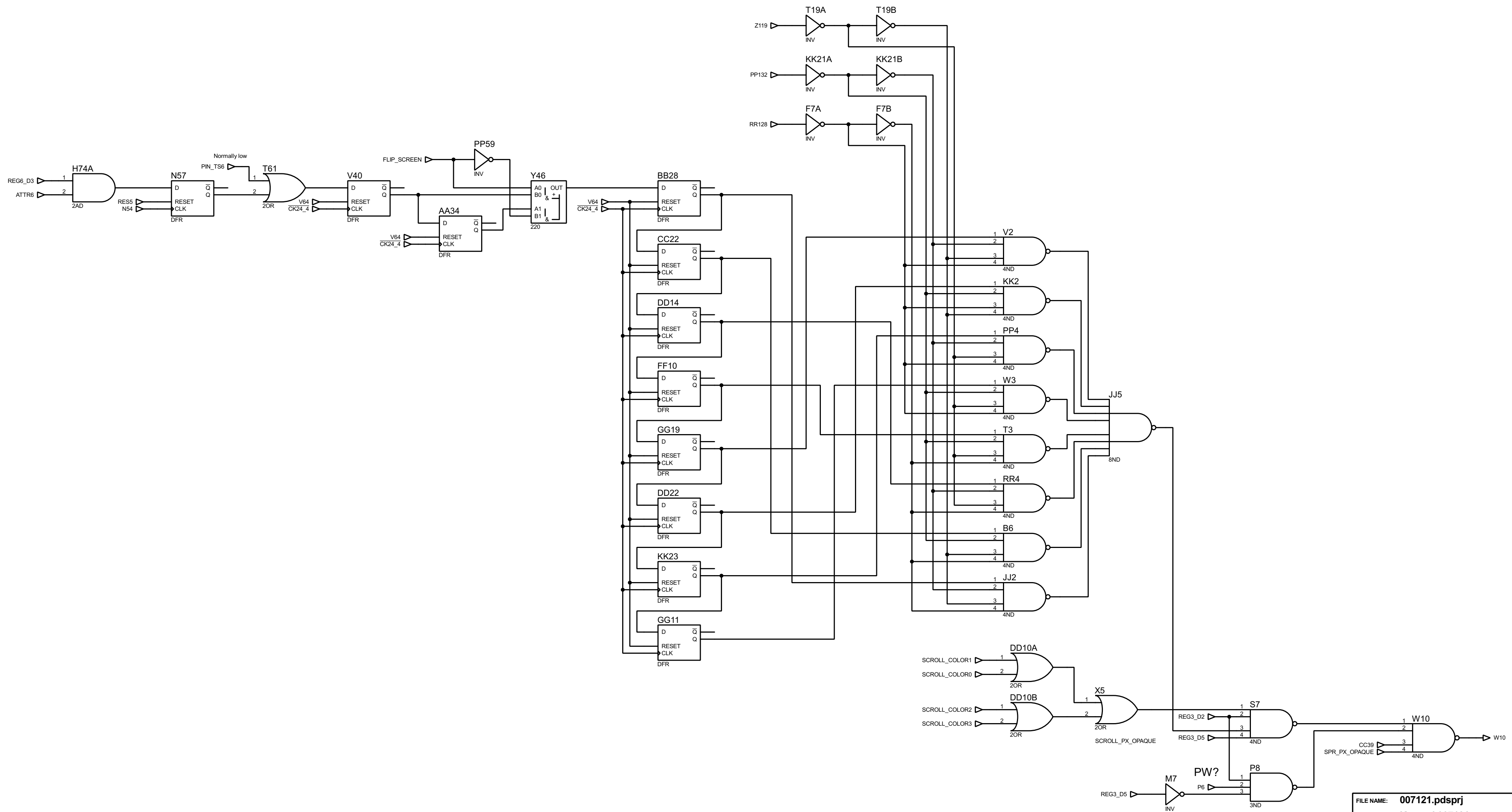
A
xx00 0xxx x10x xxxx
xx1x xxxx xxxx xxxx
xxxx xxxx xxxx xxxx

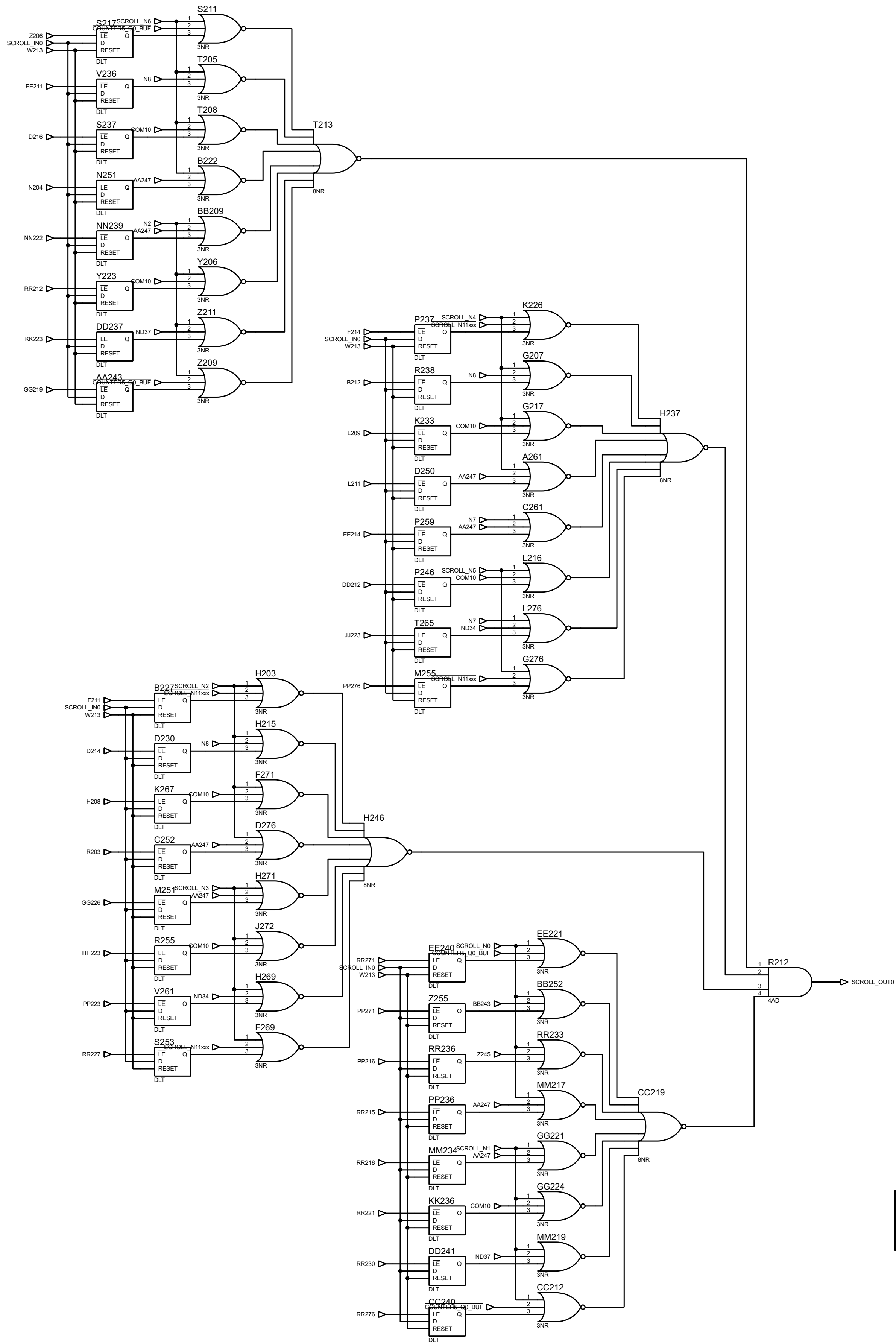
Active when:
-NXCS high and NWCS low
-NXCS low, NWCS low and A13=1
-NXCS low, NWCS low and A=xx00 0xxx x10x xxxx

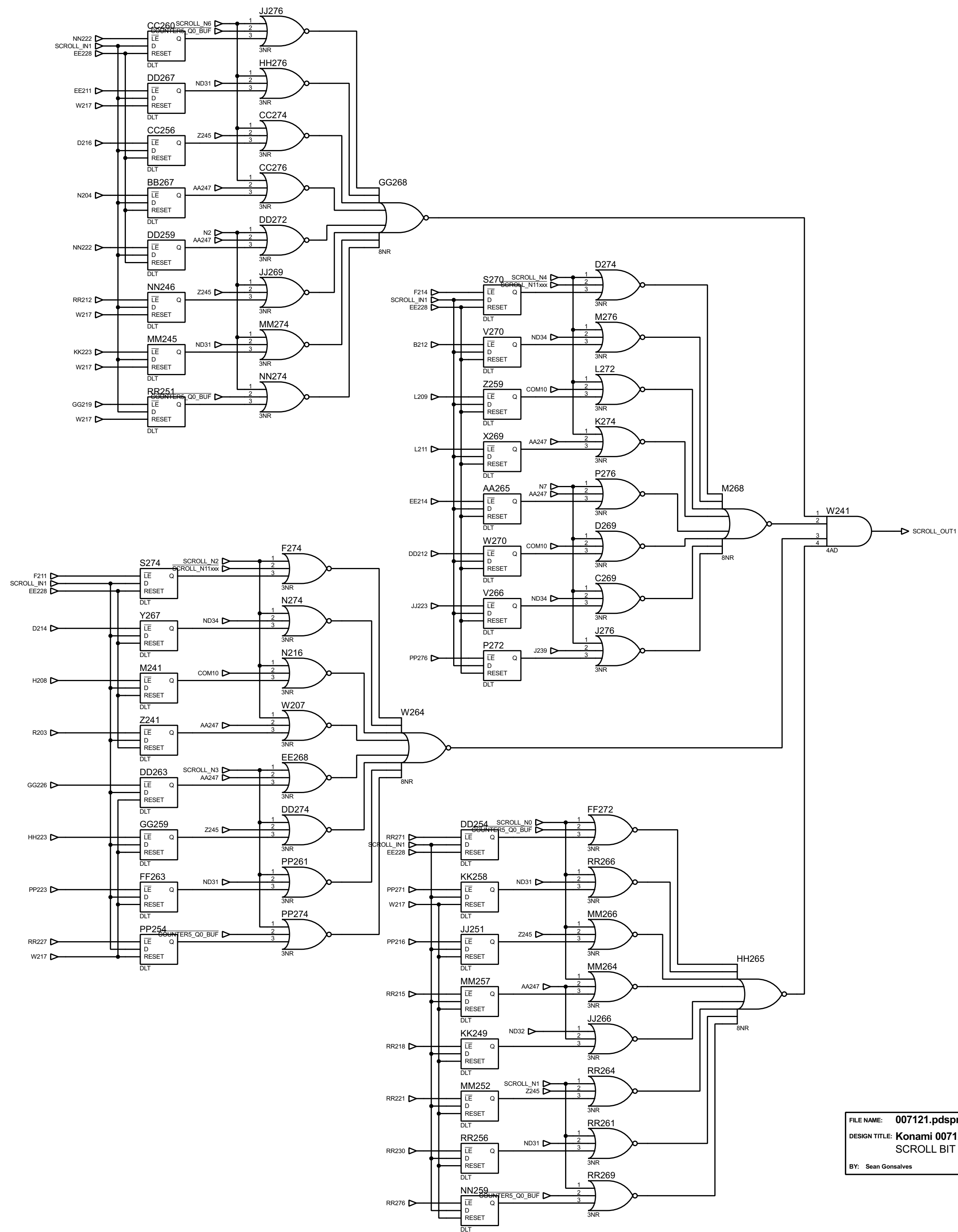


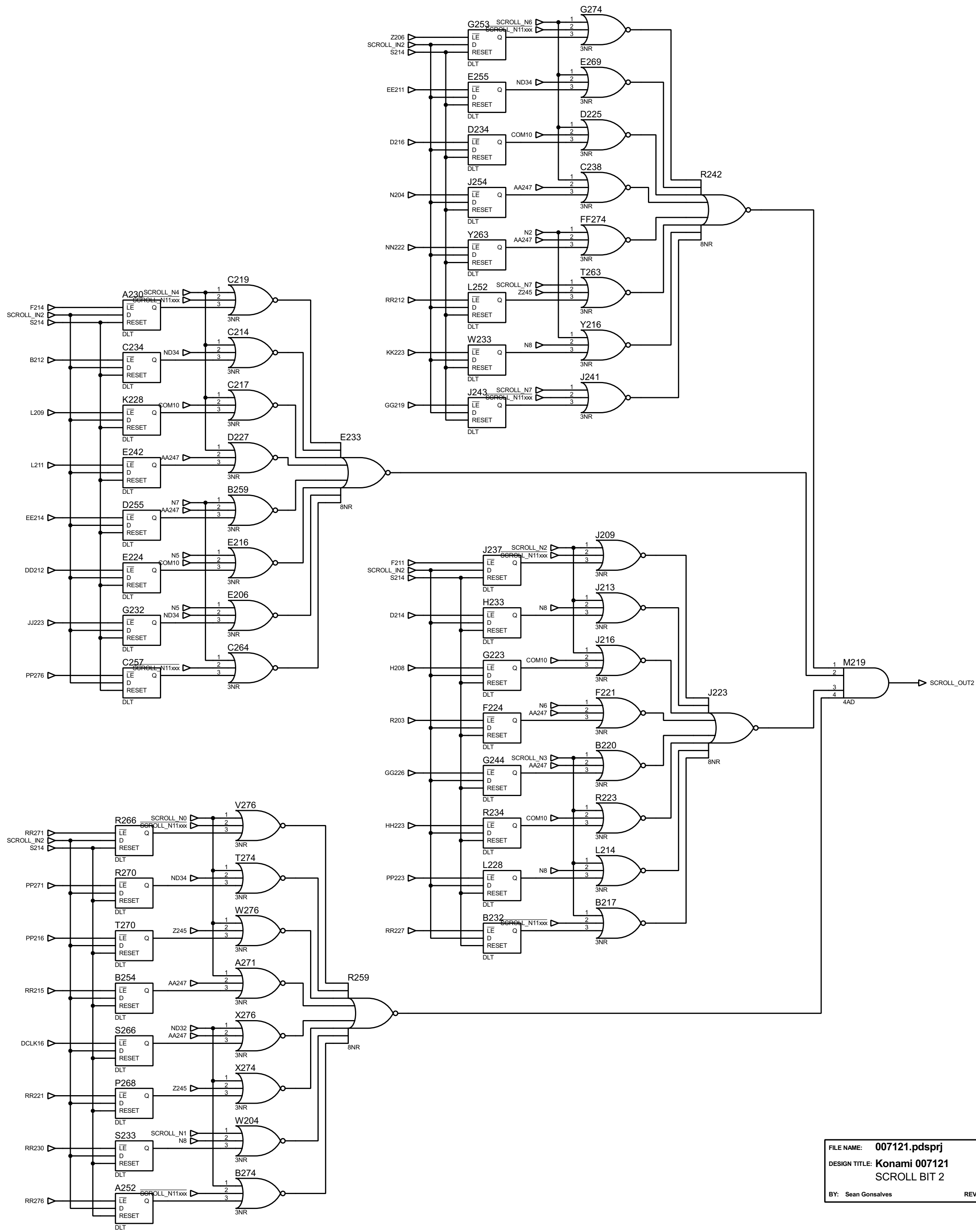


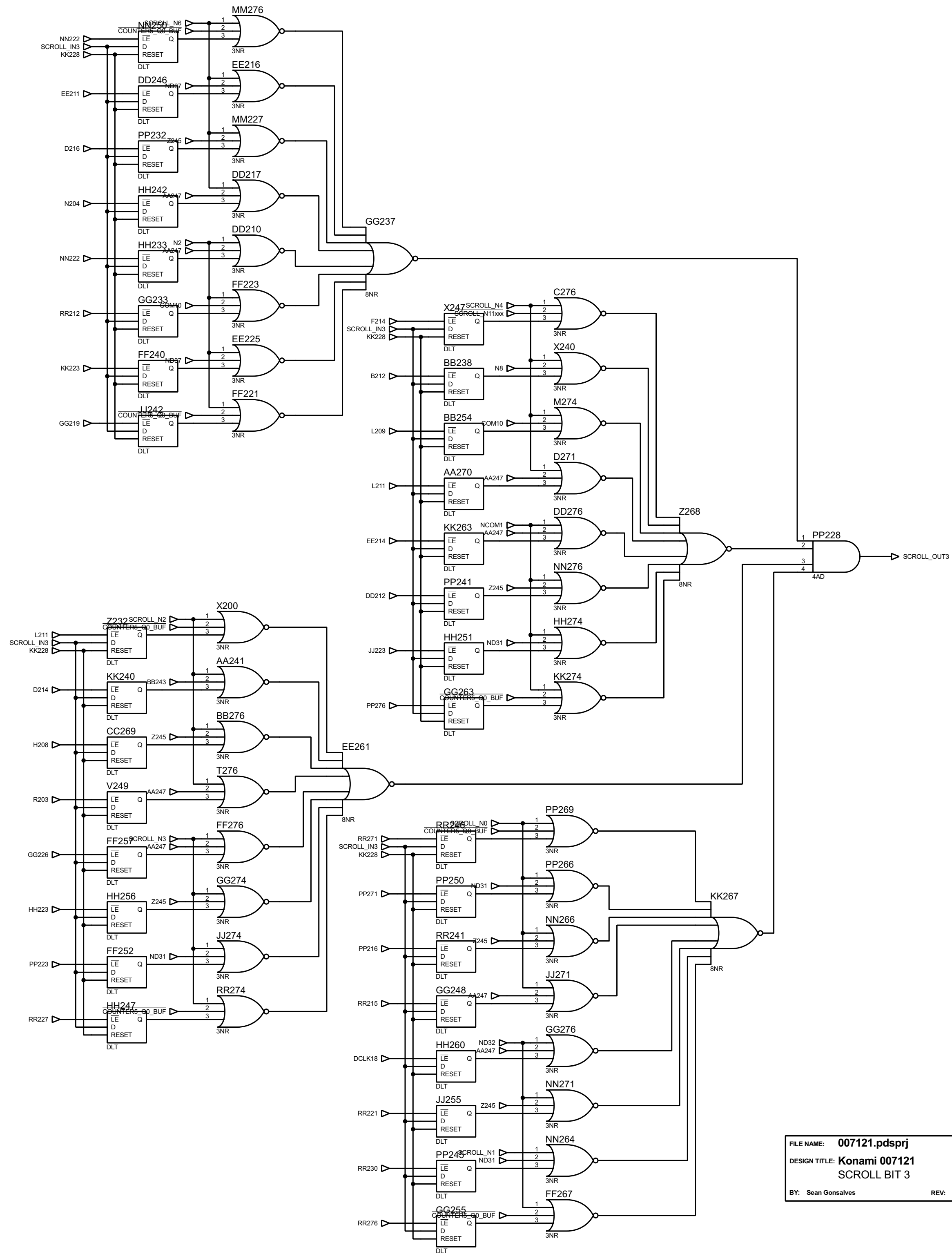
SPR/SCROLL priority bit SR

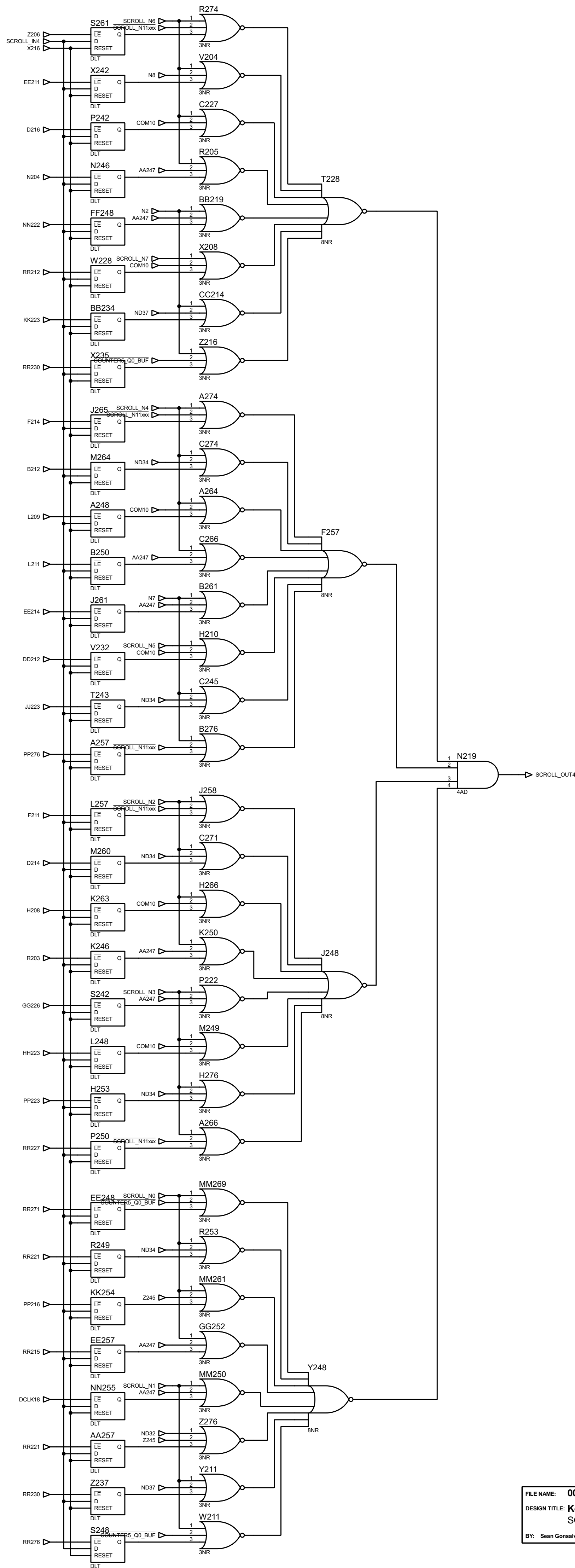


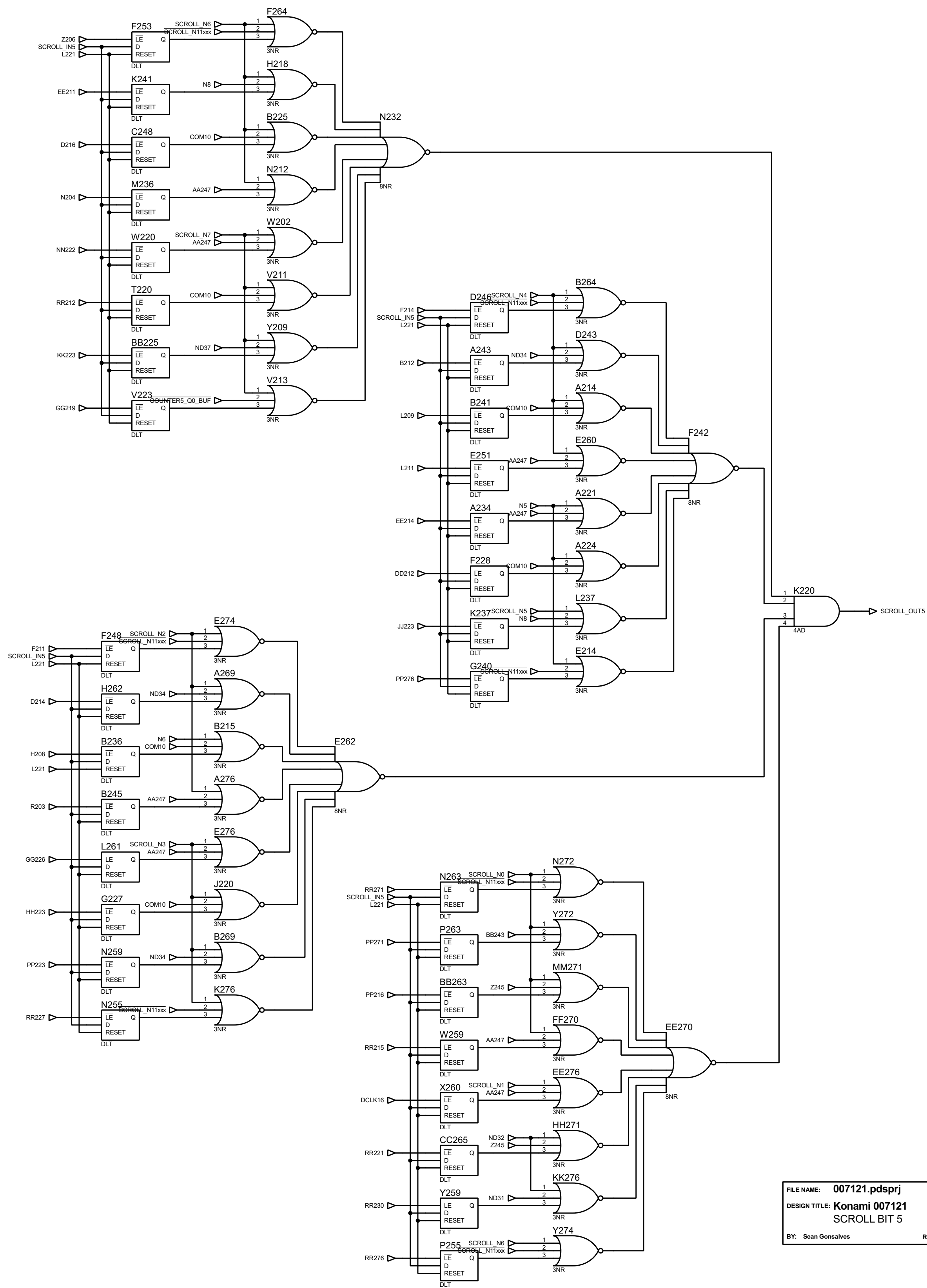


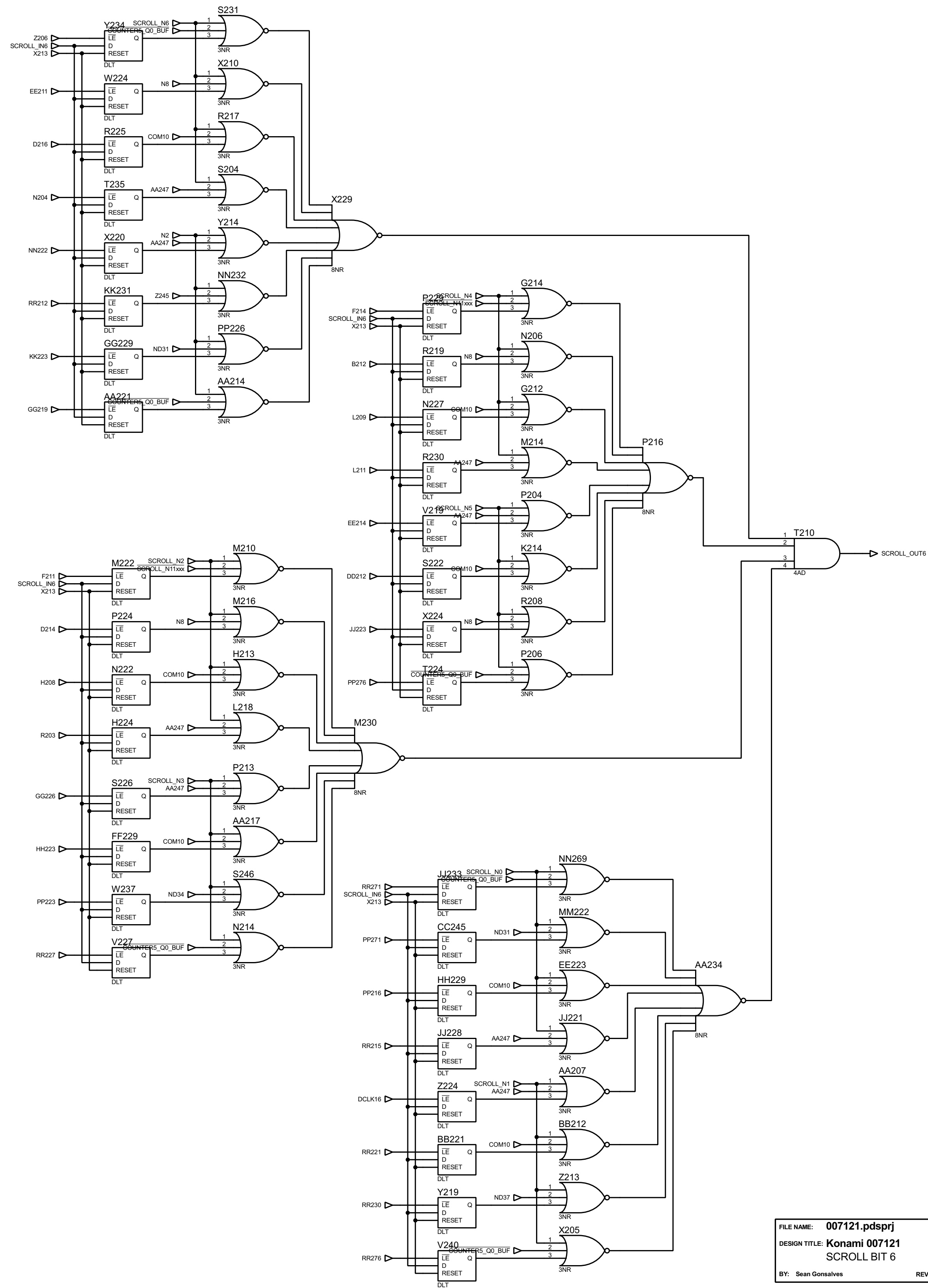


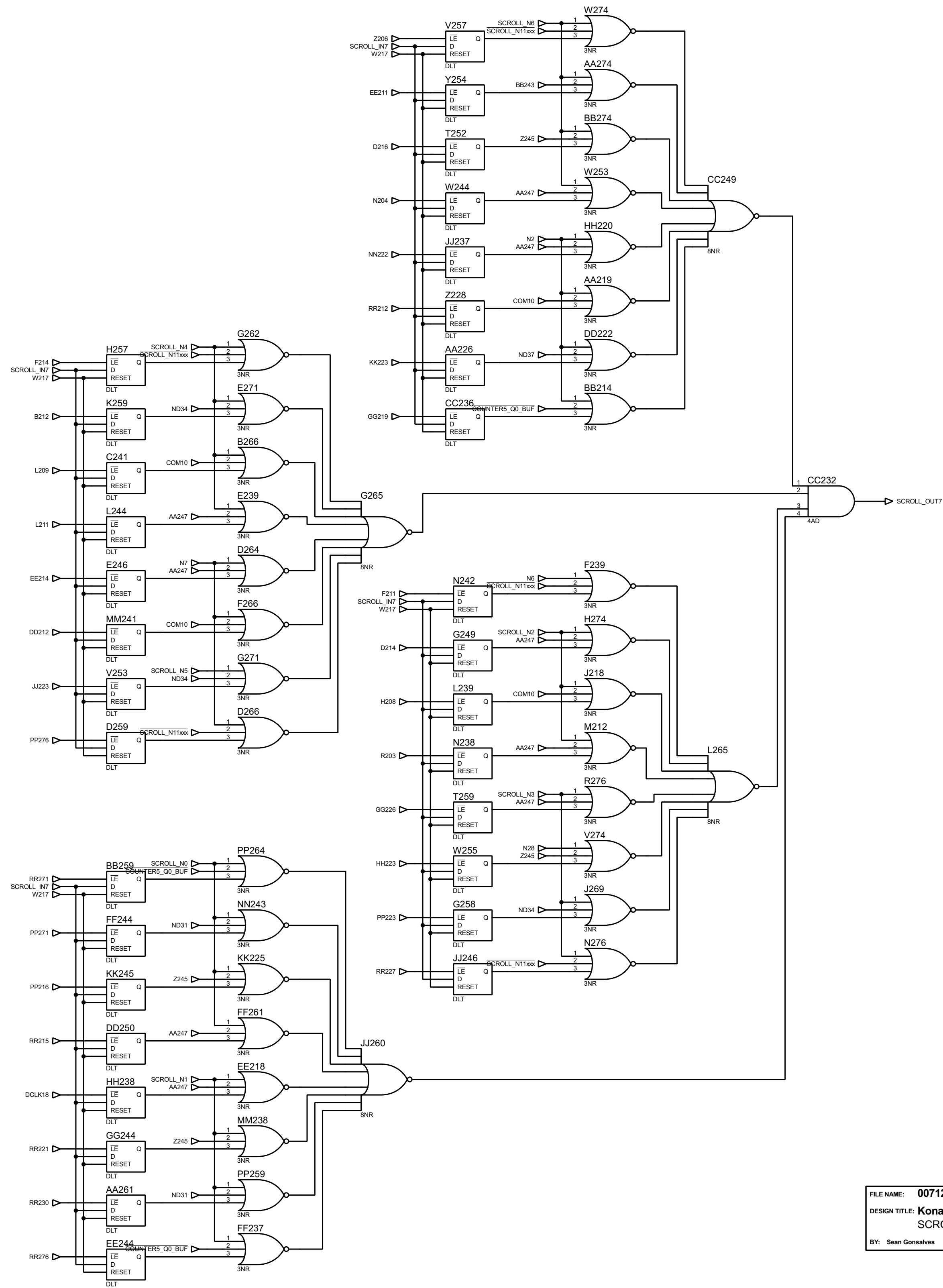


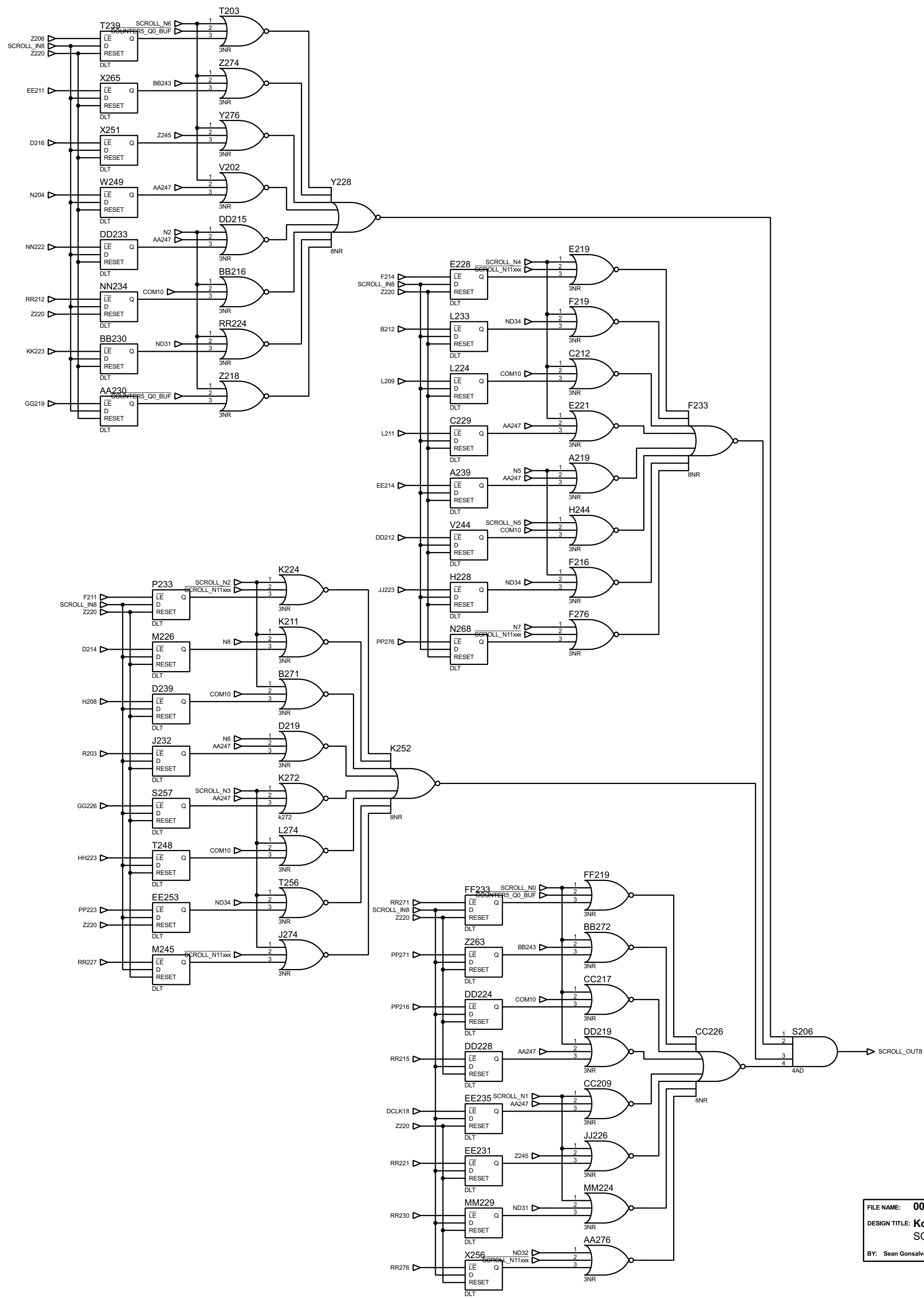


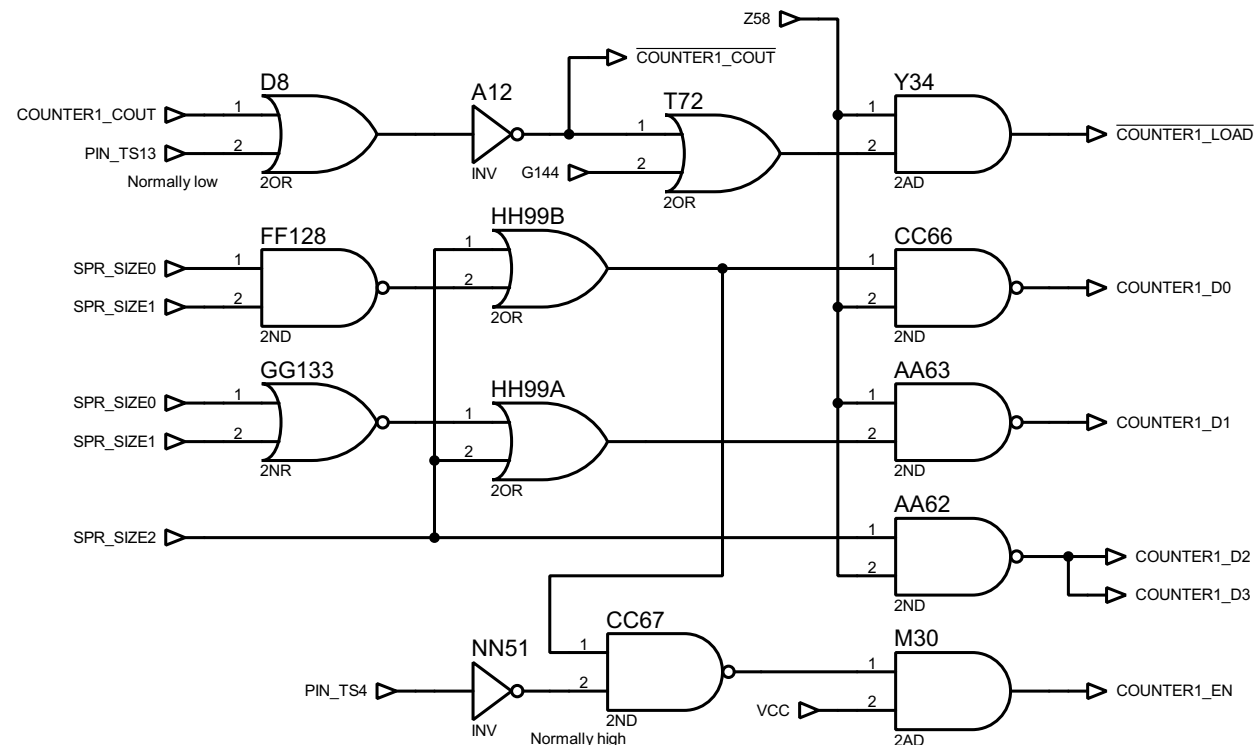
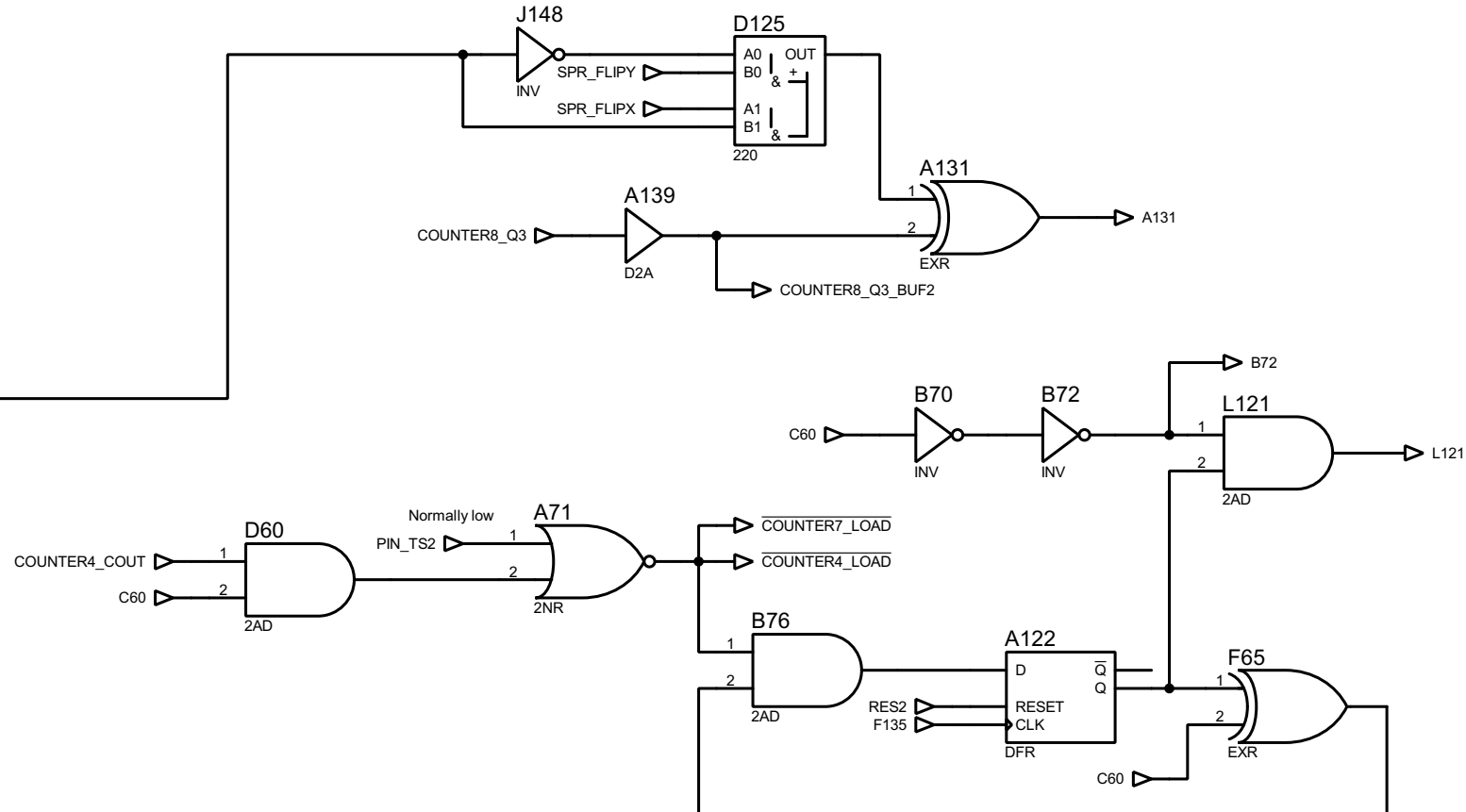
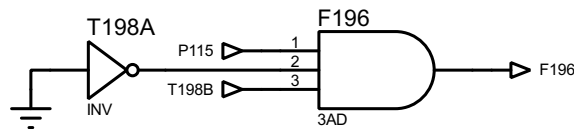
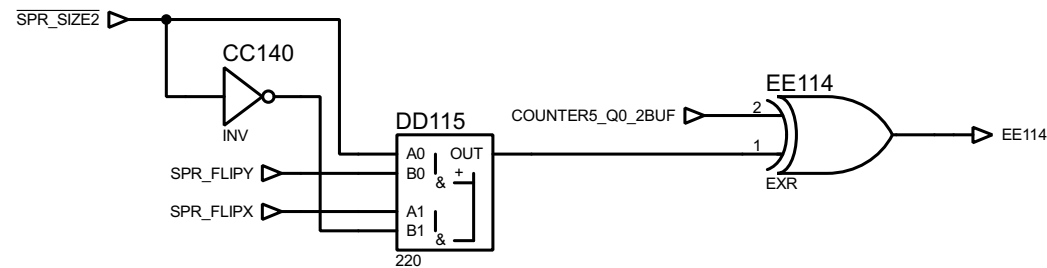
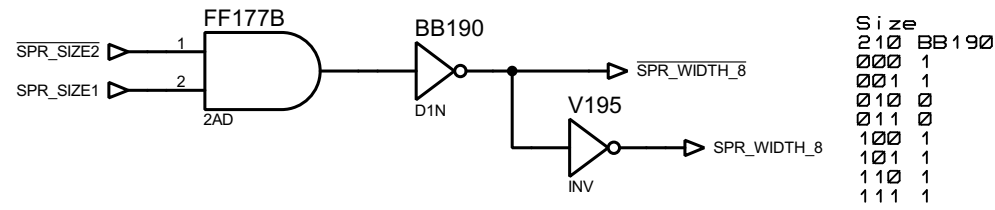
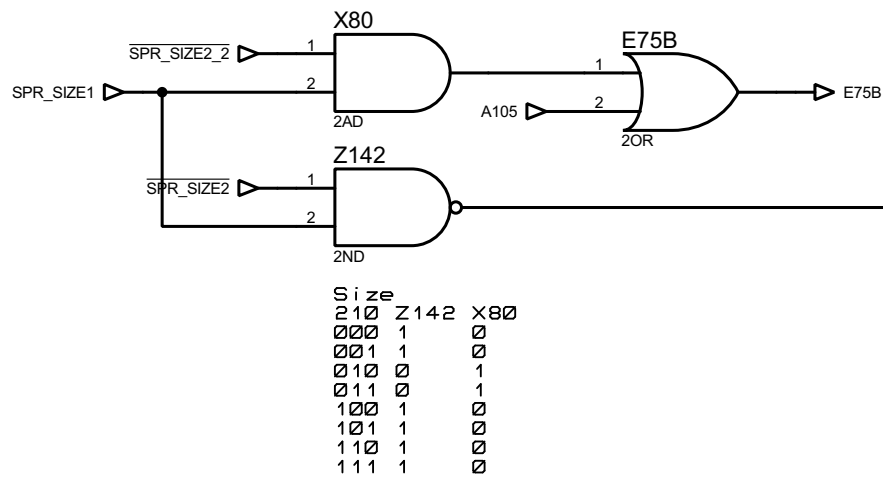
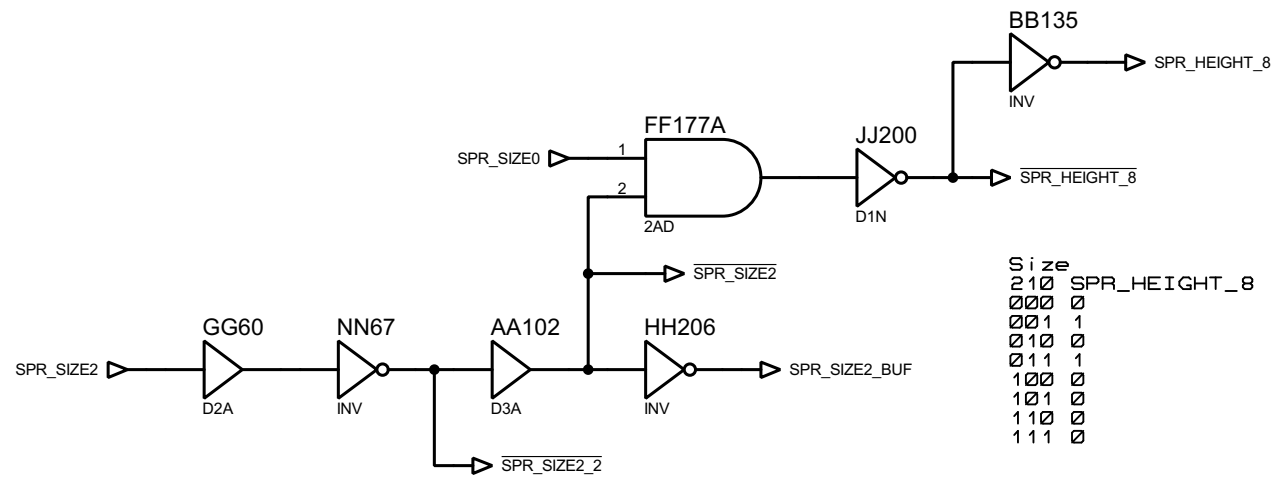


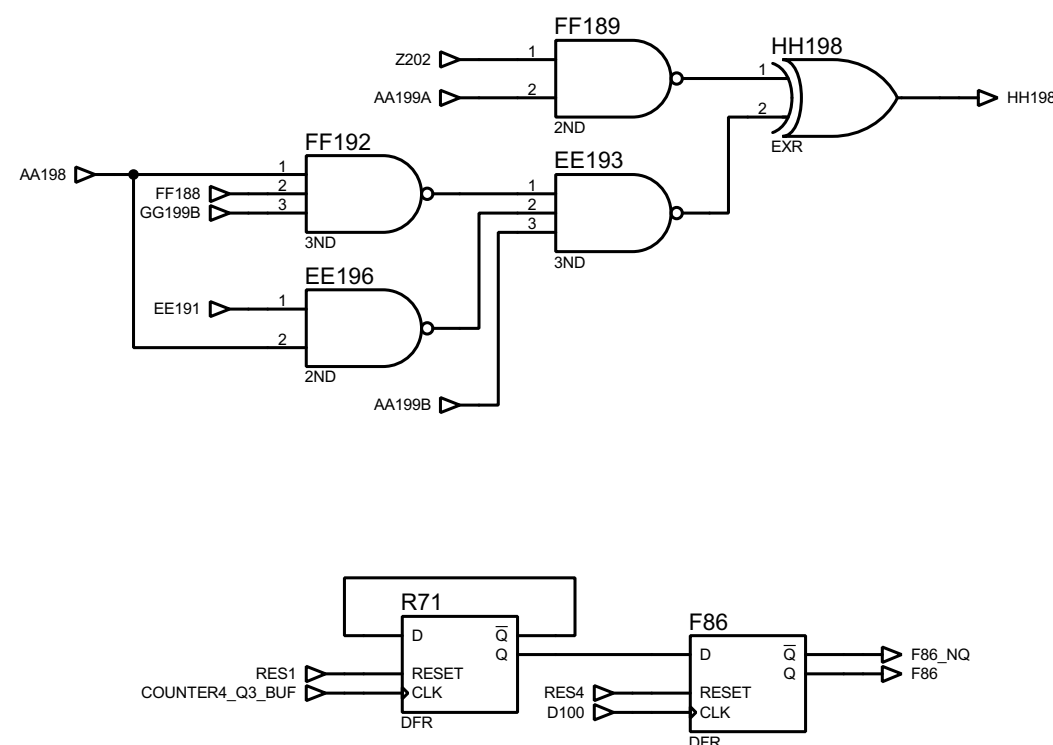




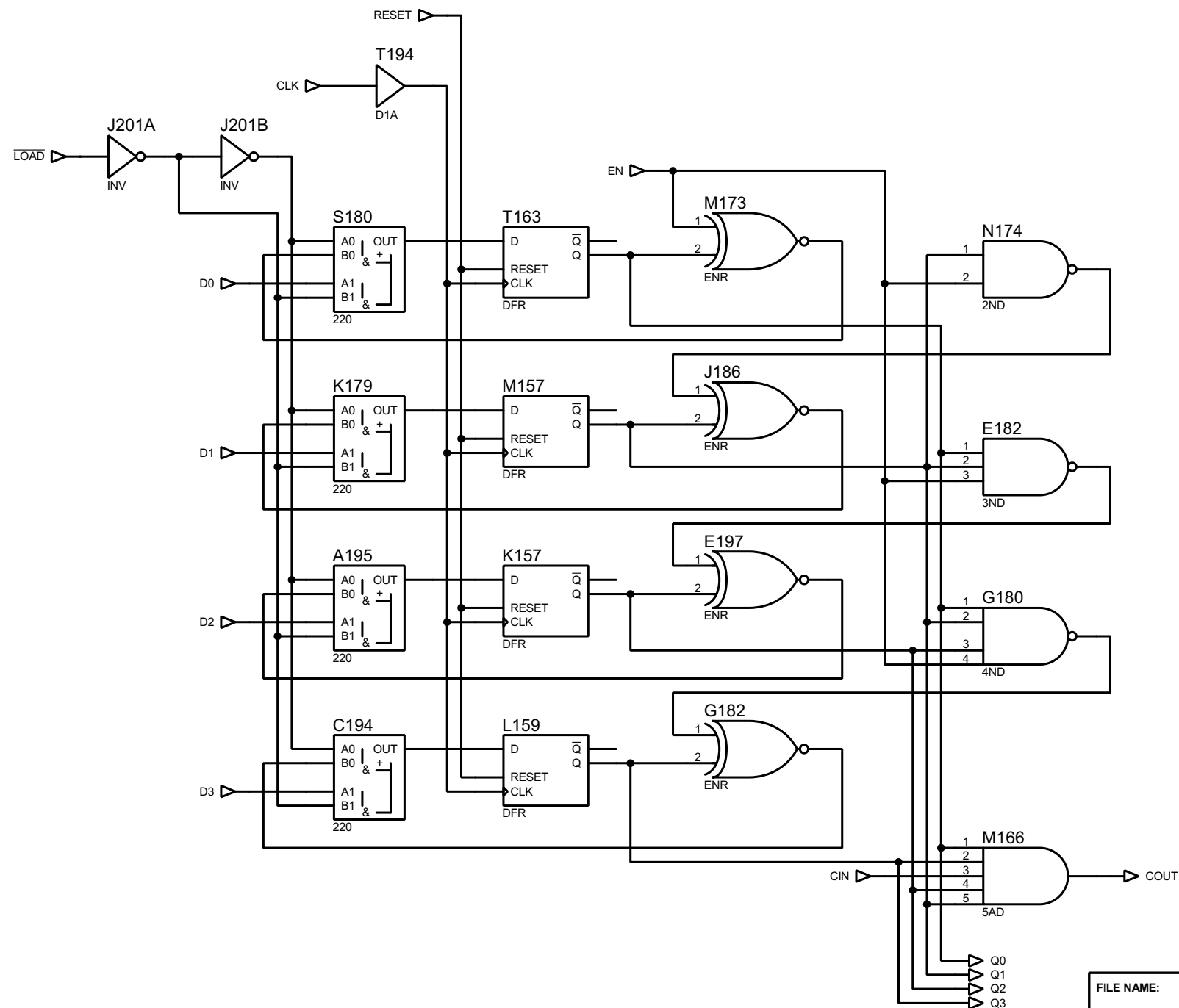




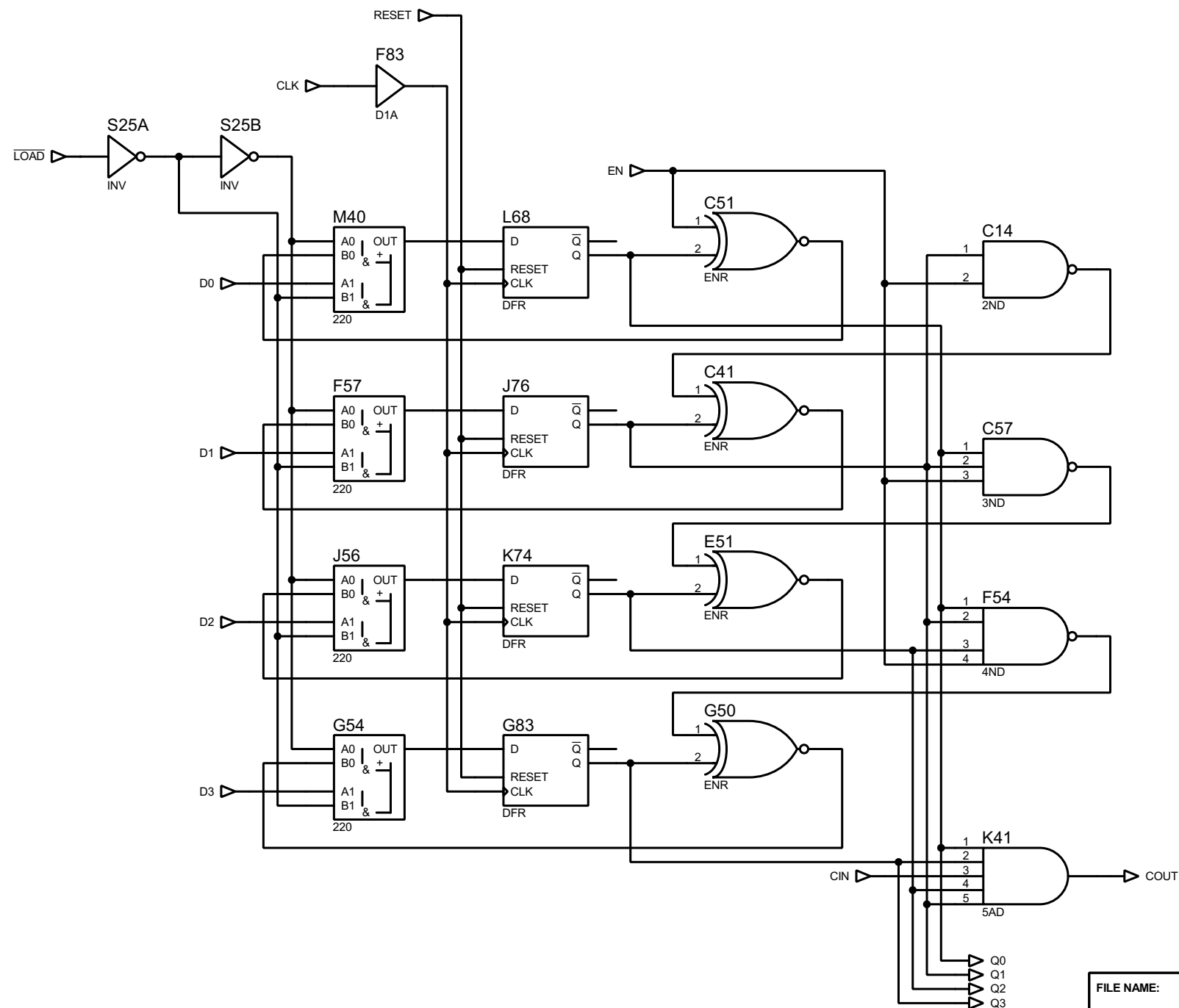


[illegible]

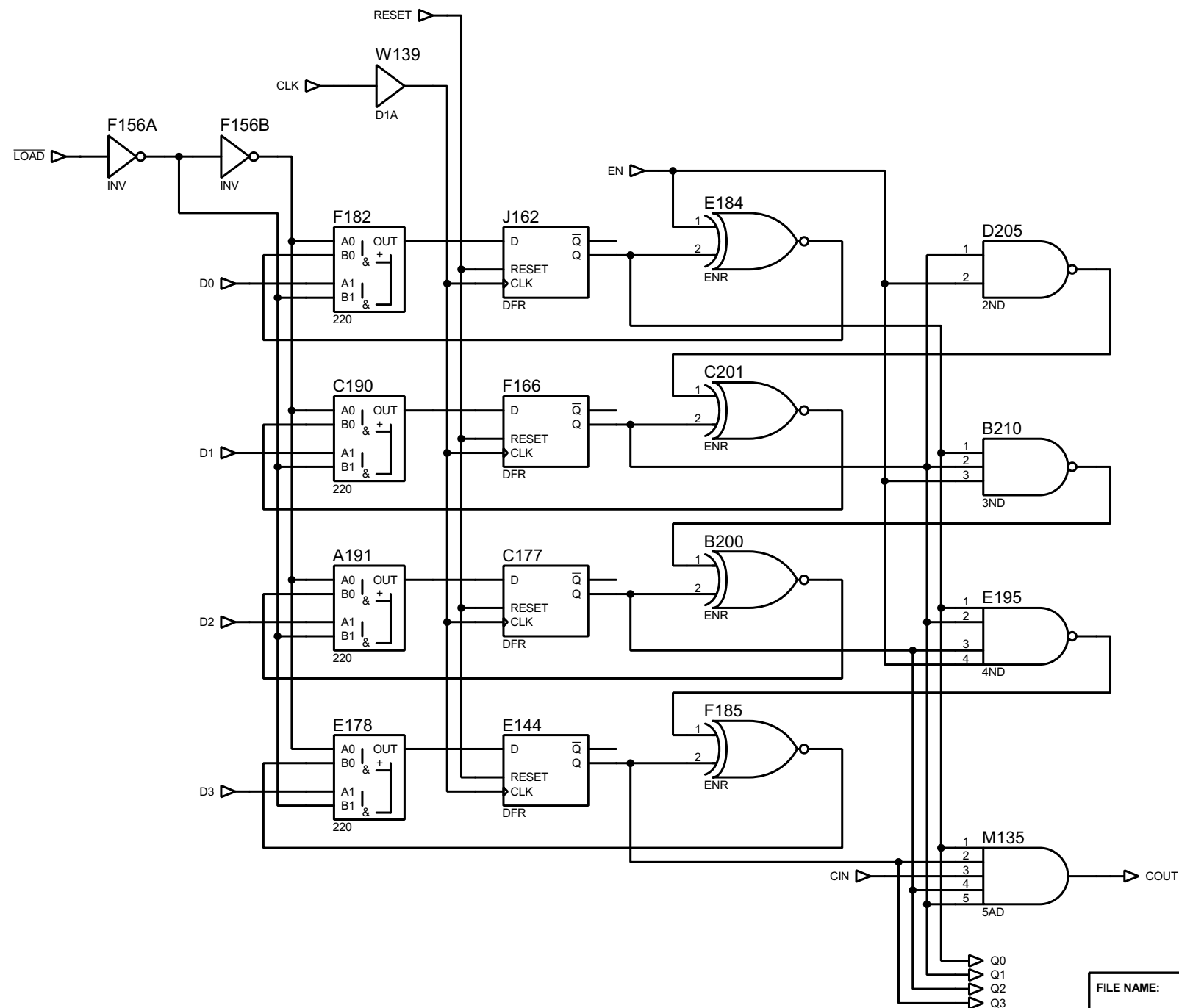
FILE NAME: 007121.pdsprj	DATE: 03/04/2021
DESIGN TITLE: Konami 007121 SRAM ADDRESS	PAGE: 37 of 52
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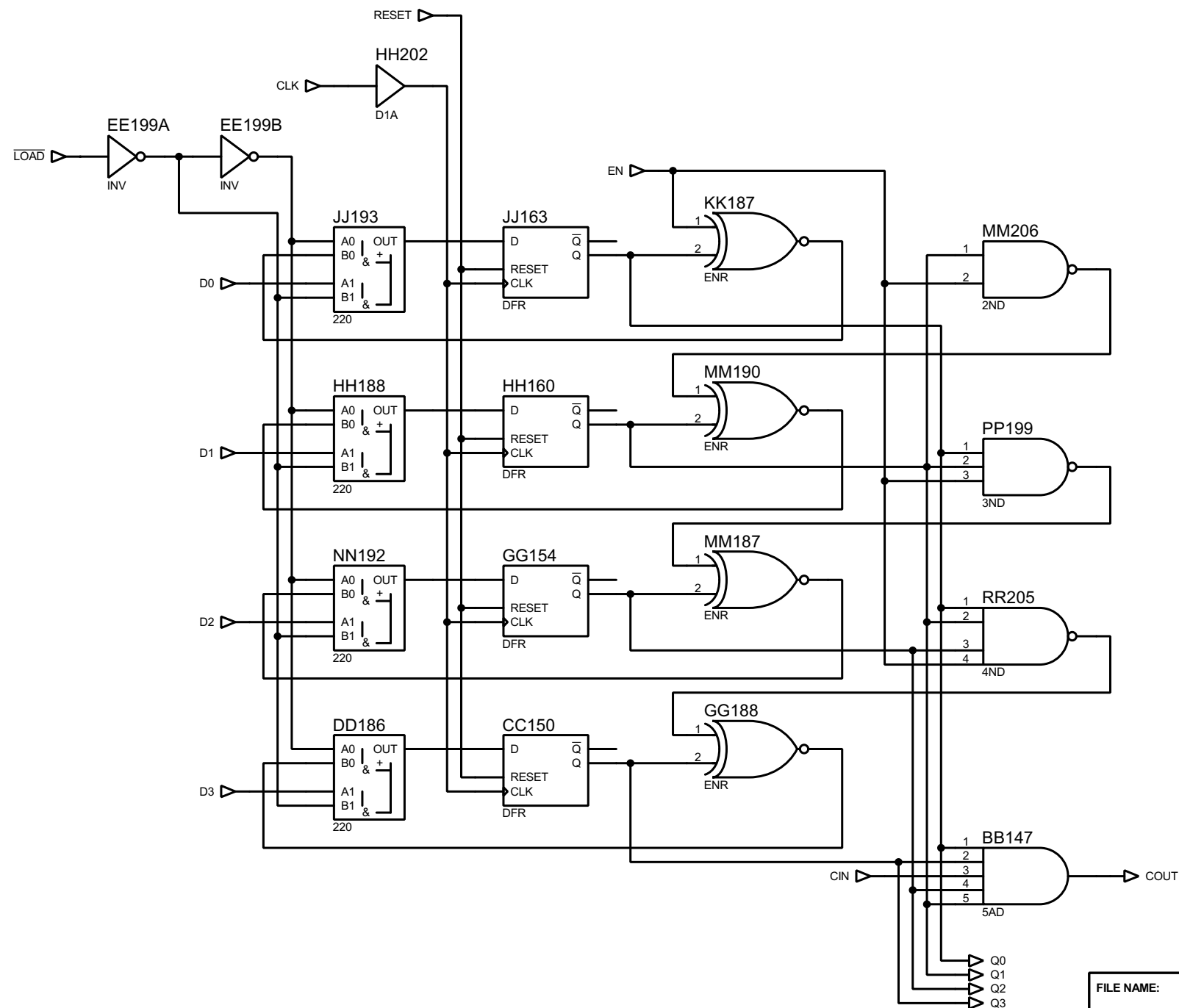
FILE NAME: 007121.pdsprj	DATE: 03/04/2021
DESIGN TITLE: Konami 007121	PAGE: 39 of 52
COUNTER5	TIME: 00:06:09
BY: Sean Gonsalves	REV: 0



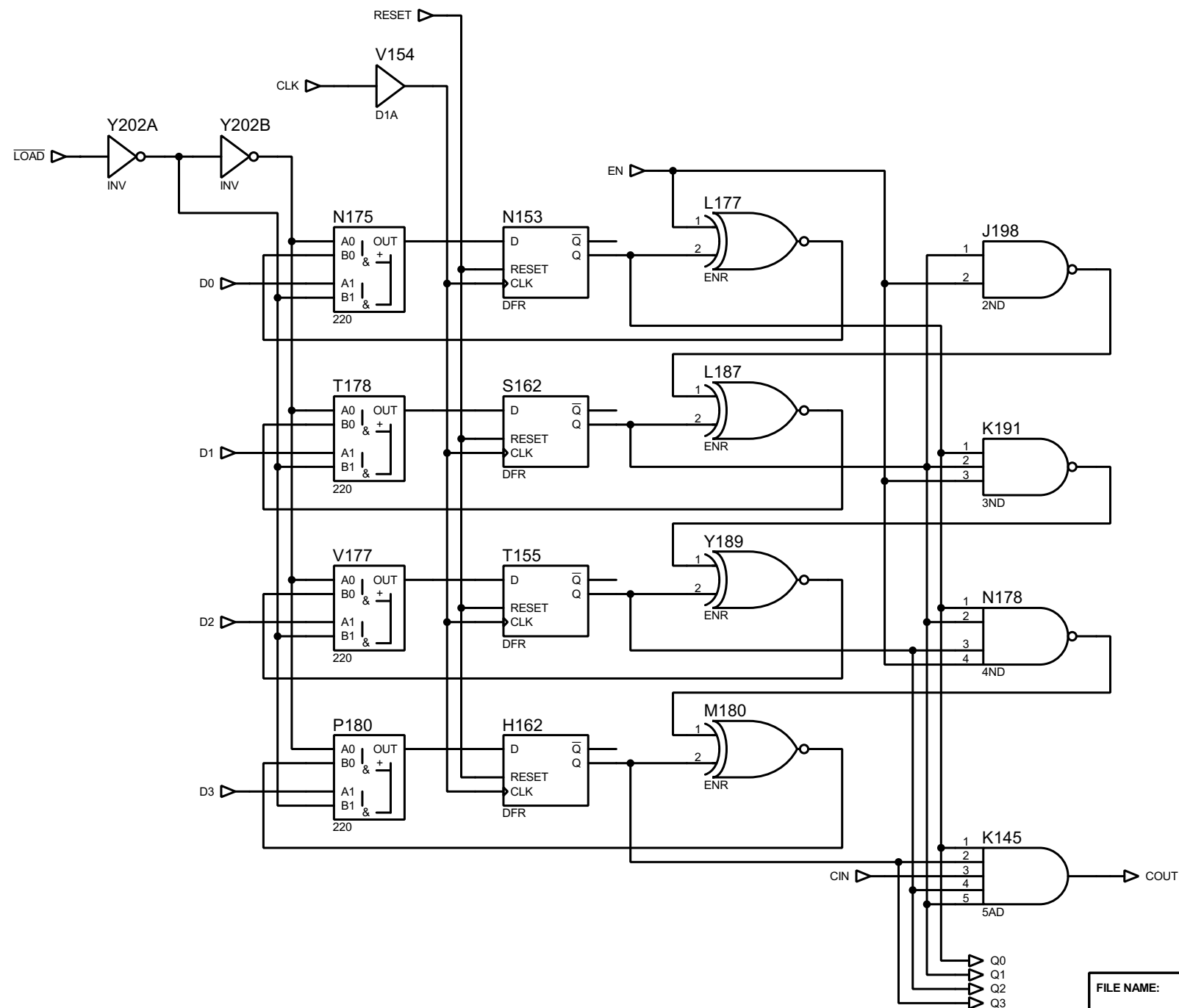
FILE NAME: 007121.pdsprj	DATE: 03/04/2021
DESIGN TITLE: Konami 007121 COUNTER1	PAGE: 40 of 52
BY: Sean Gonsalves	TIME: 00:06:09
REV: 0	



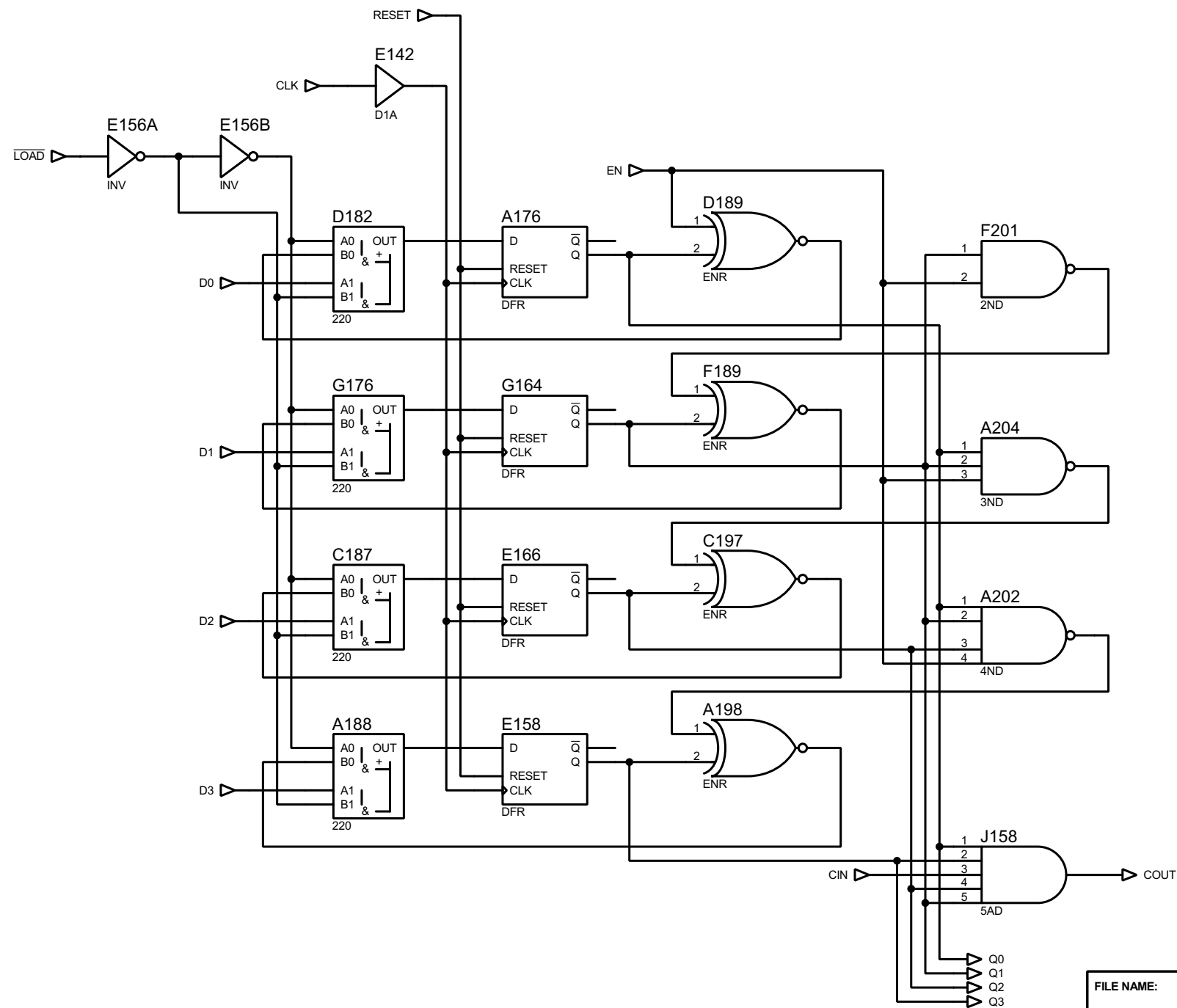
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DESIGN TITLE: Konami 007121	PAGE: 41 of 52
COUNTER4	TIME: 00:06:09
BY: Sean Gonsalves	REV: 0



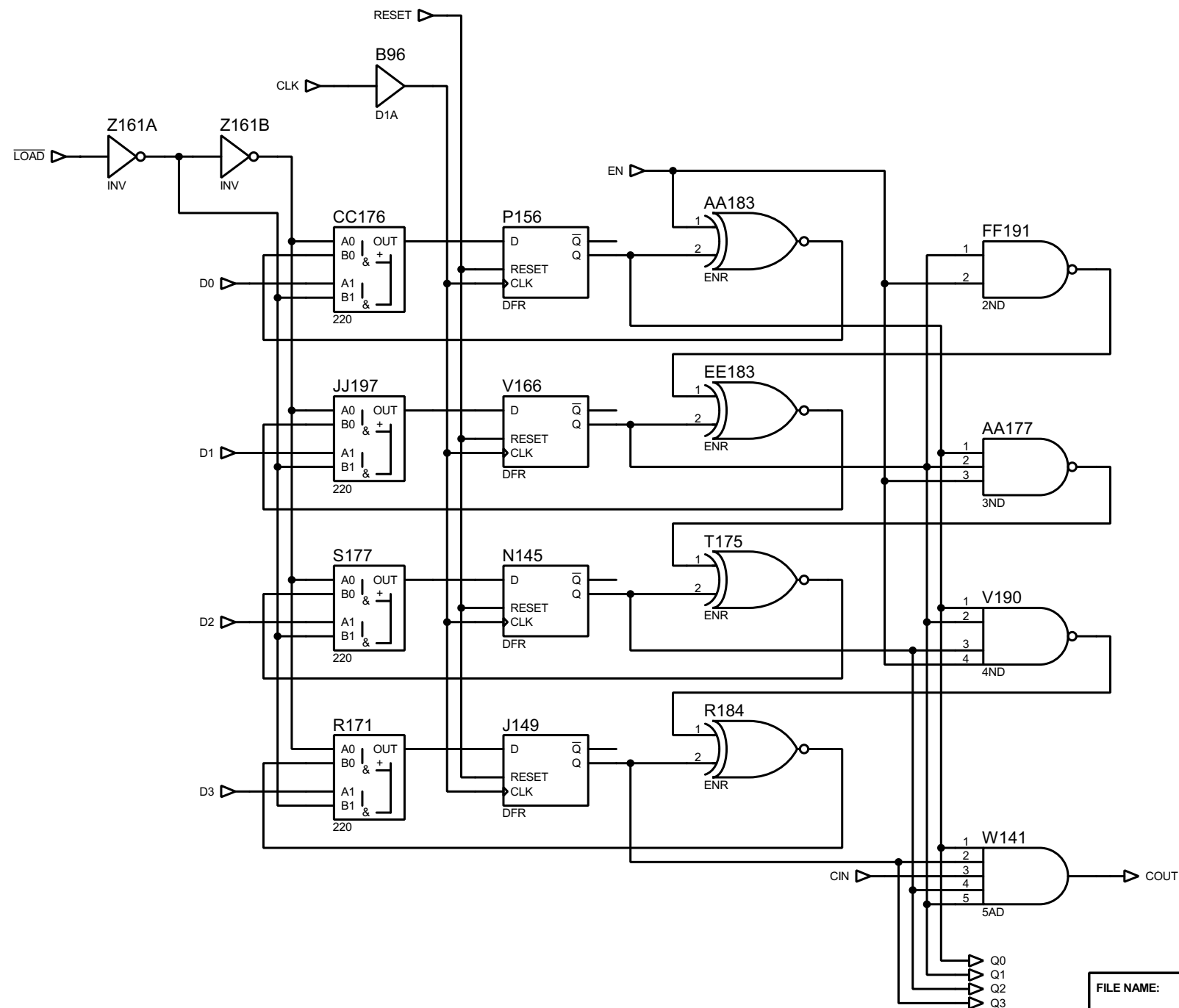
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DESIGN TITLE: Konami 007121	
COUNTER3	
BY: Sean Gonsalves	PAGE: 42 of 52
REV: 0	TIME: 00:06:09



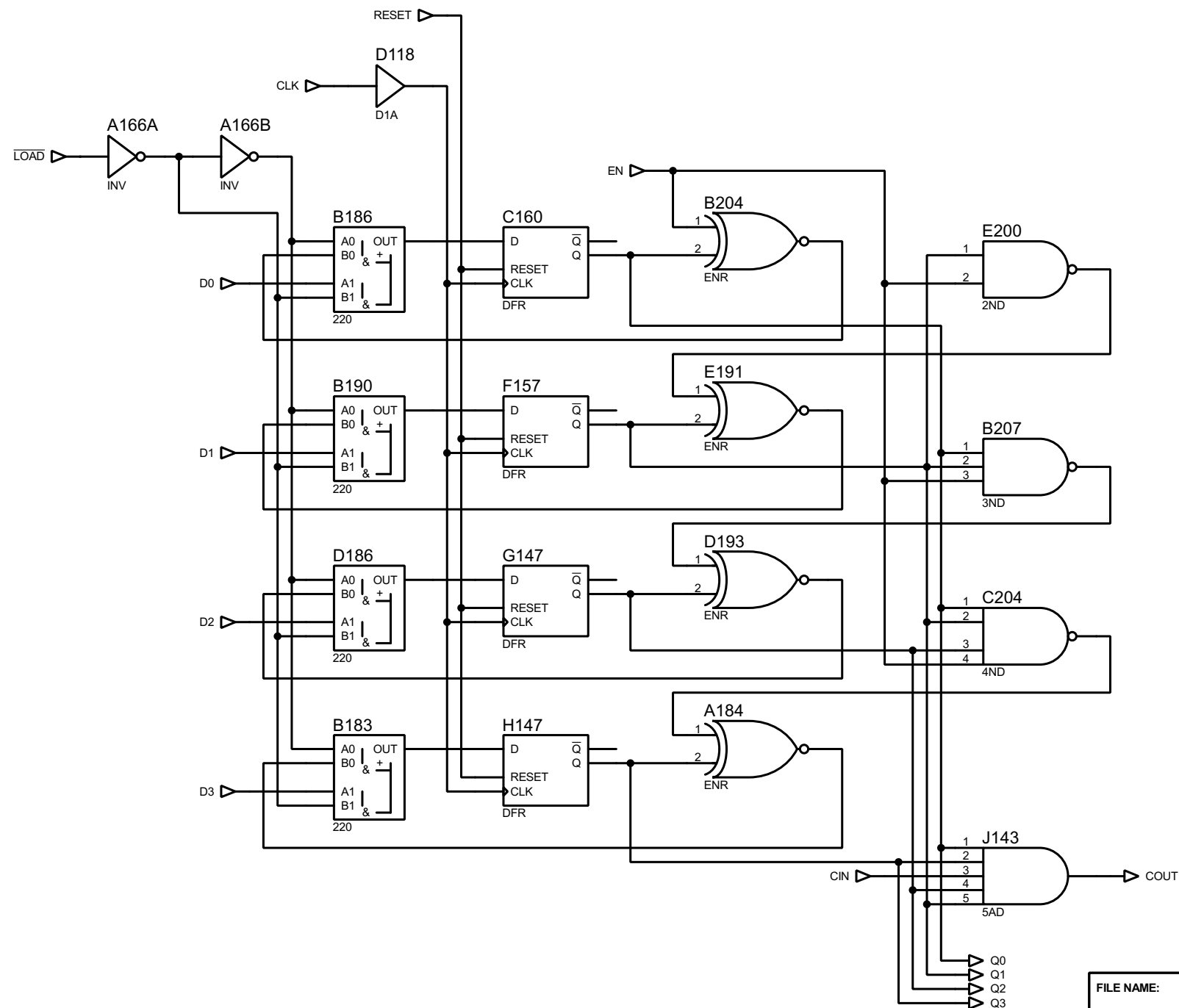
FILE NAME: 007121.pdsprj	DATE: 03/04/2021
DESIGN TITLE: Konami 007121	PAGE: 43 of 52
COUNTER2	TIME: 00:06:09
BY: Sean Gonsalves	REV: 0



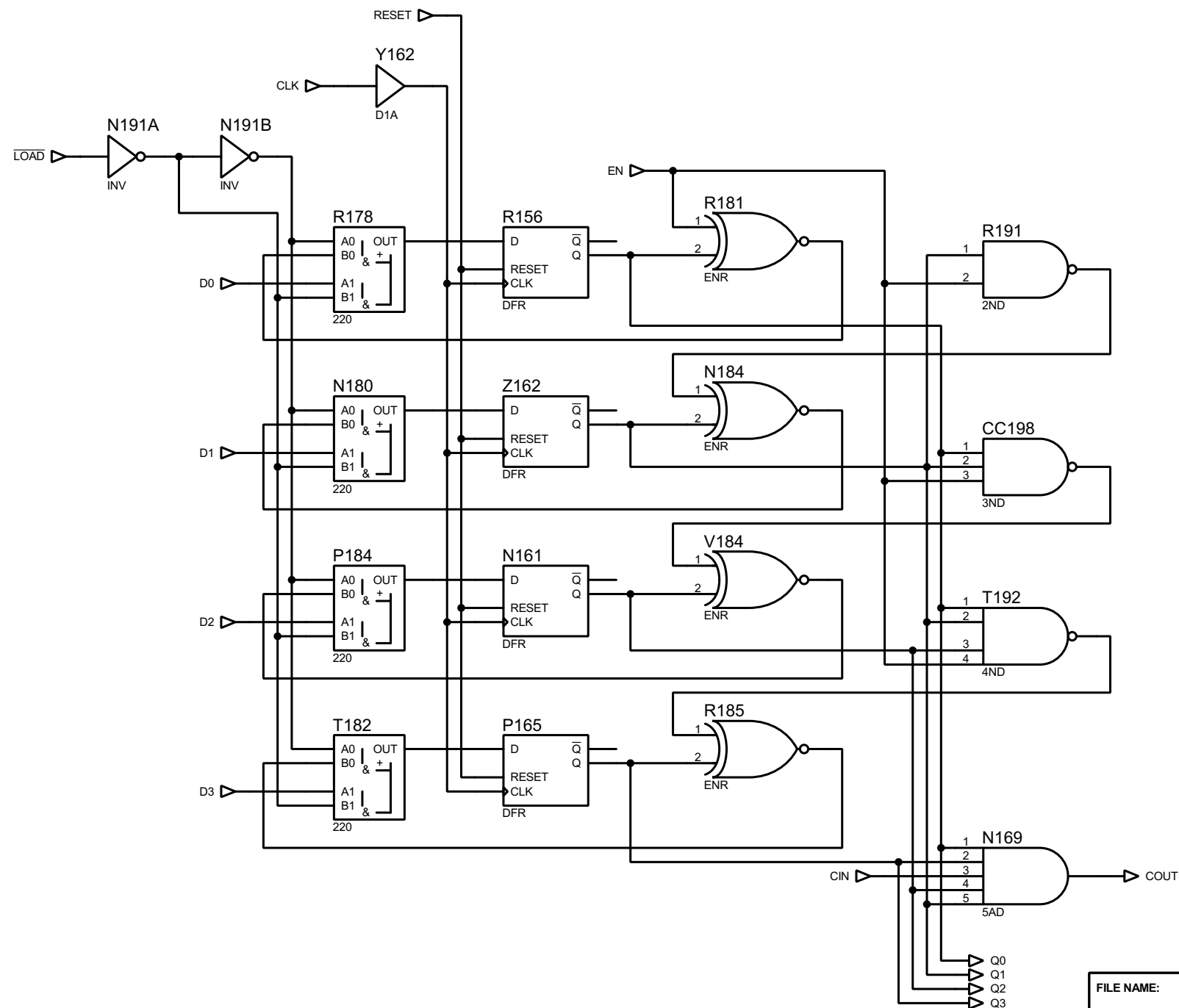
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DESIGN TITLE: Konami 007121	PAGE: 44 of 52
COUNTER7	TIME: 00:06:09
BY: Sean Gonsalves	REV: 0



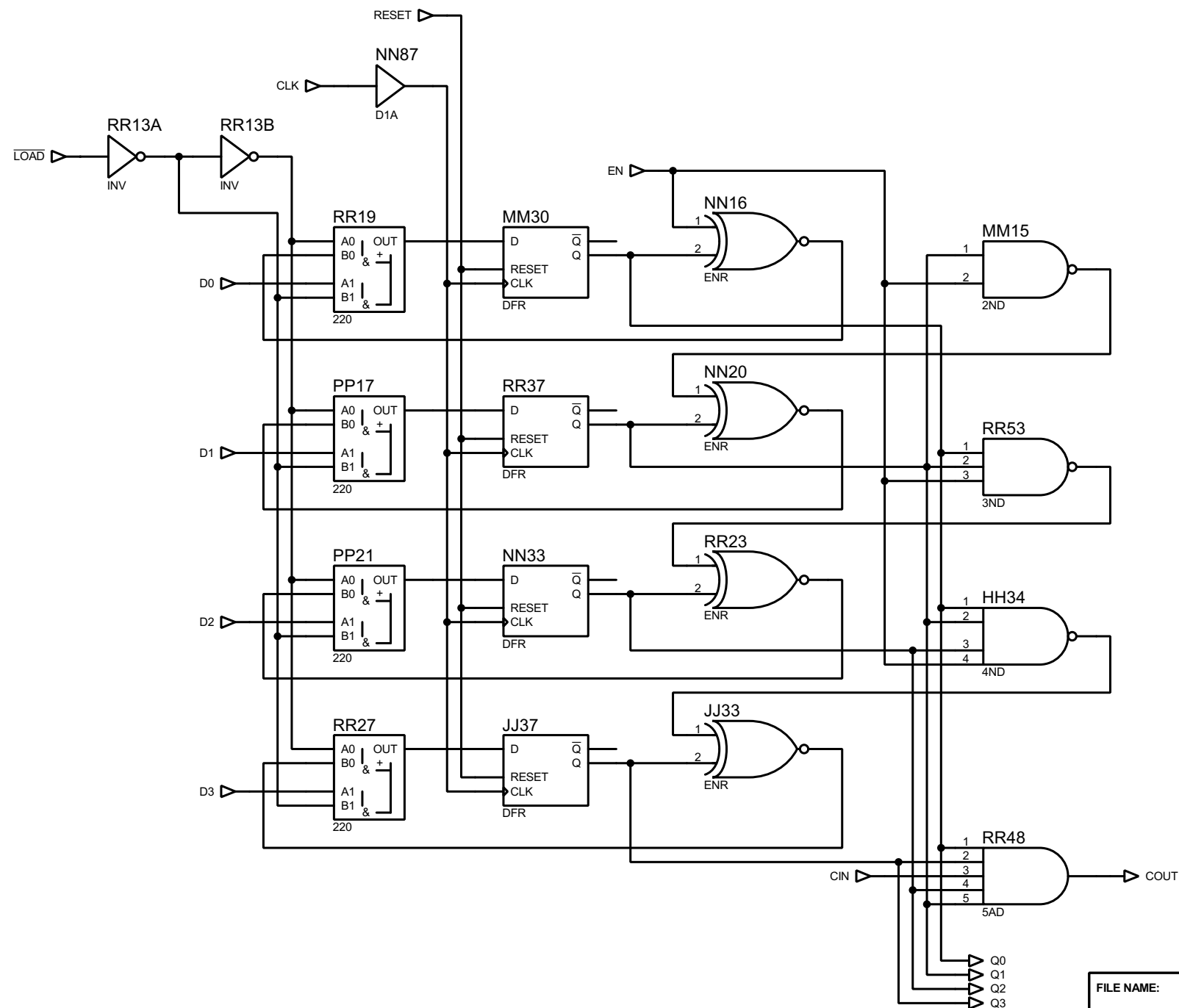
FILE NAME: 007121.pdsprj	DATE: 03/04/2021
DESIGN TITLE: Konami 007121	PAGE: 45 of 52
COUNTER12	TIME: 00:06:09
BY: Sean Gonsalves	REV: 0



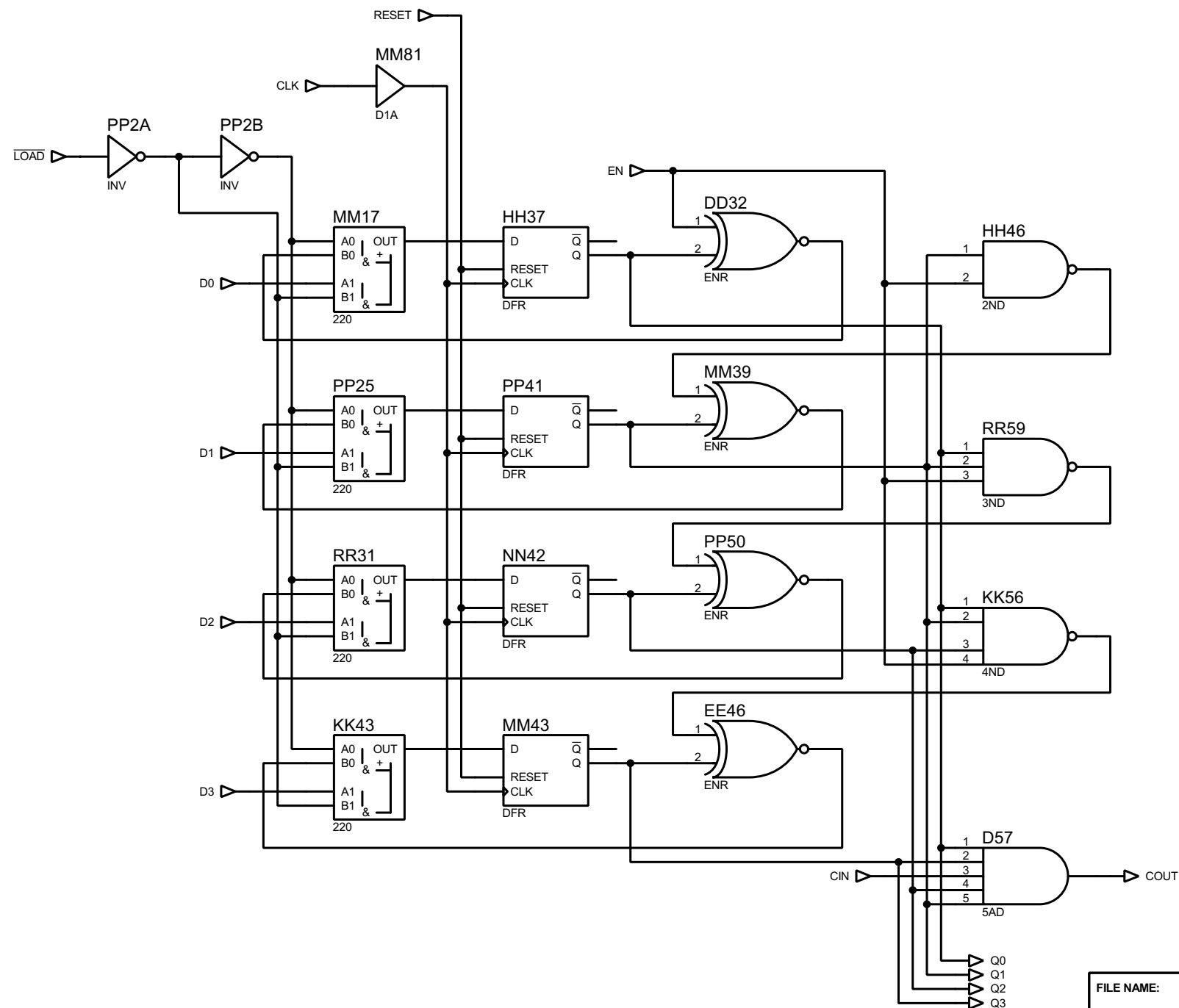
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DESIGN TITLE: Konami 007121	PAGE: 46 of 52
COUNTER13	TIME: 00:06:09
BY: Sean Gonsalves	REV: 0



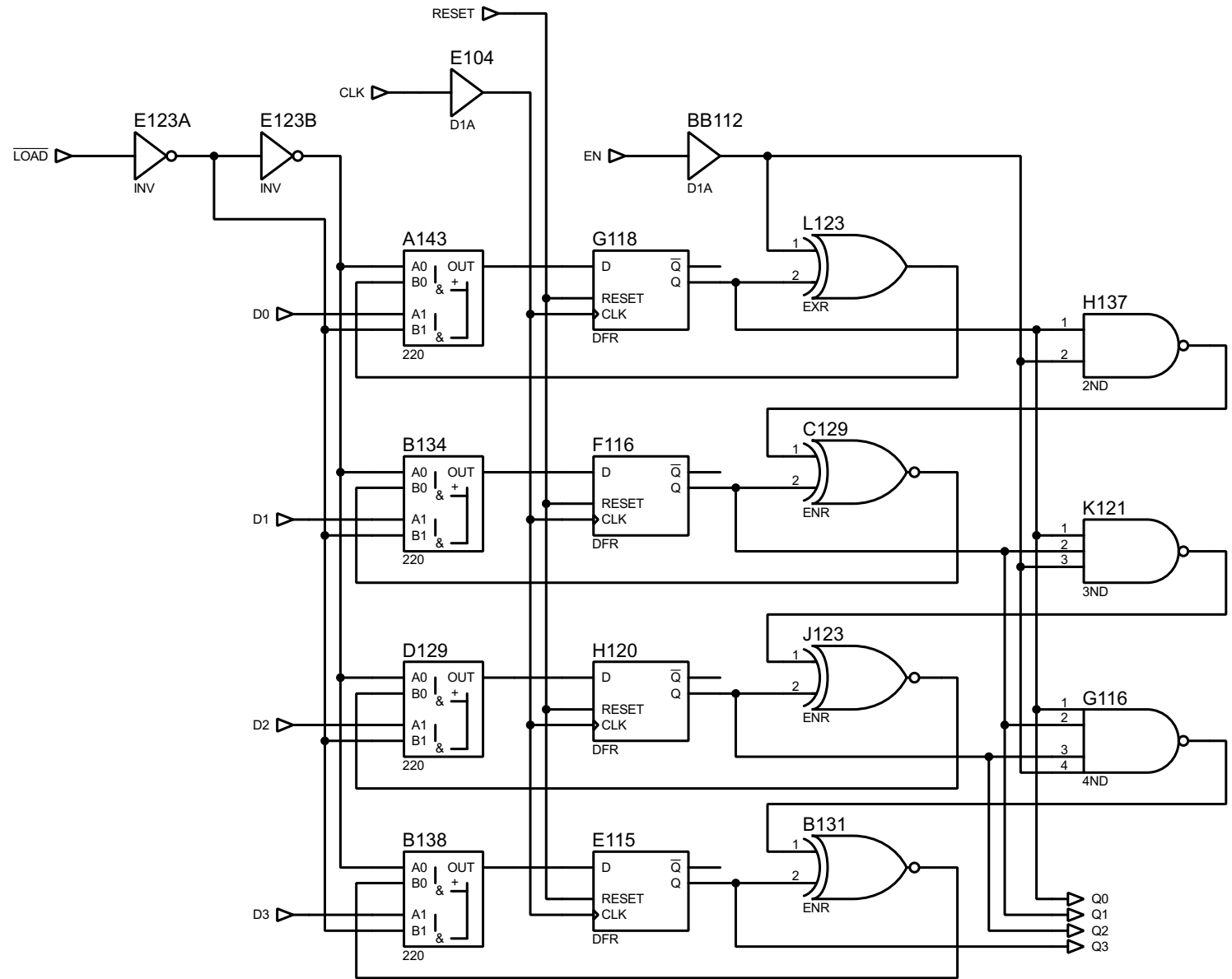
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DESIGN TITLE: Konami 007121	PAGE: 47 of 52
COUNTER8	TIME: 00:06:09
BY: Sean Gonsalves	REV: 0



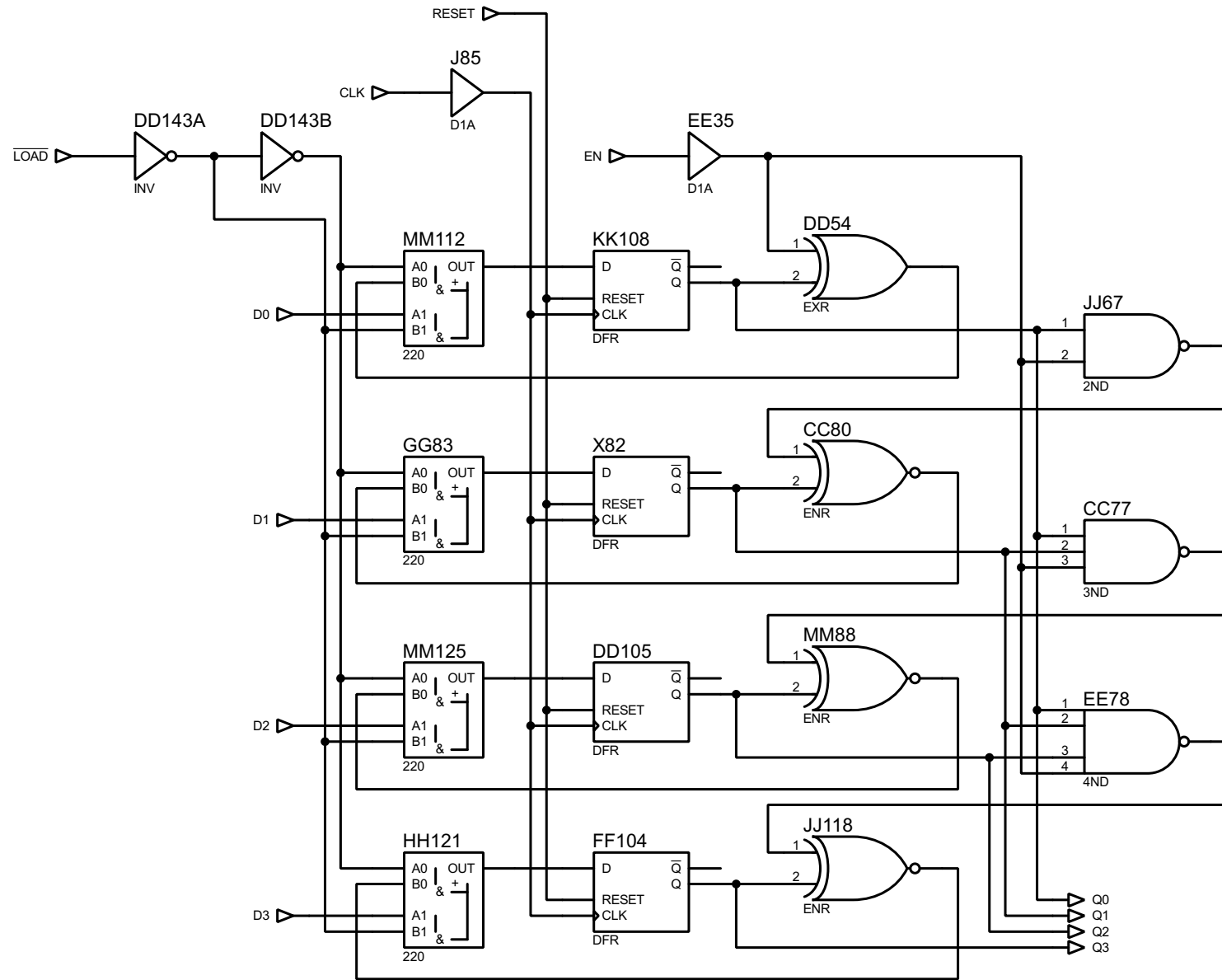
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DESIGN TITLE: Konami 007121	PAGE: 48 of 52
COUNTER10	TIME: 00:06:09
BY: Sean Gonsalves	REV: 0



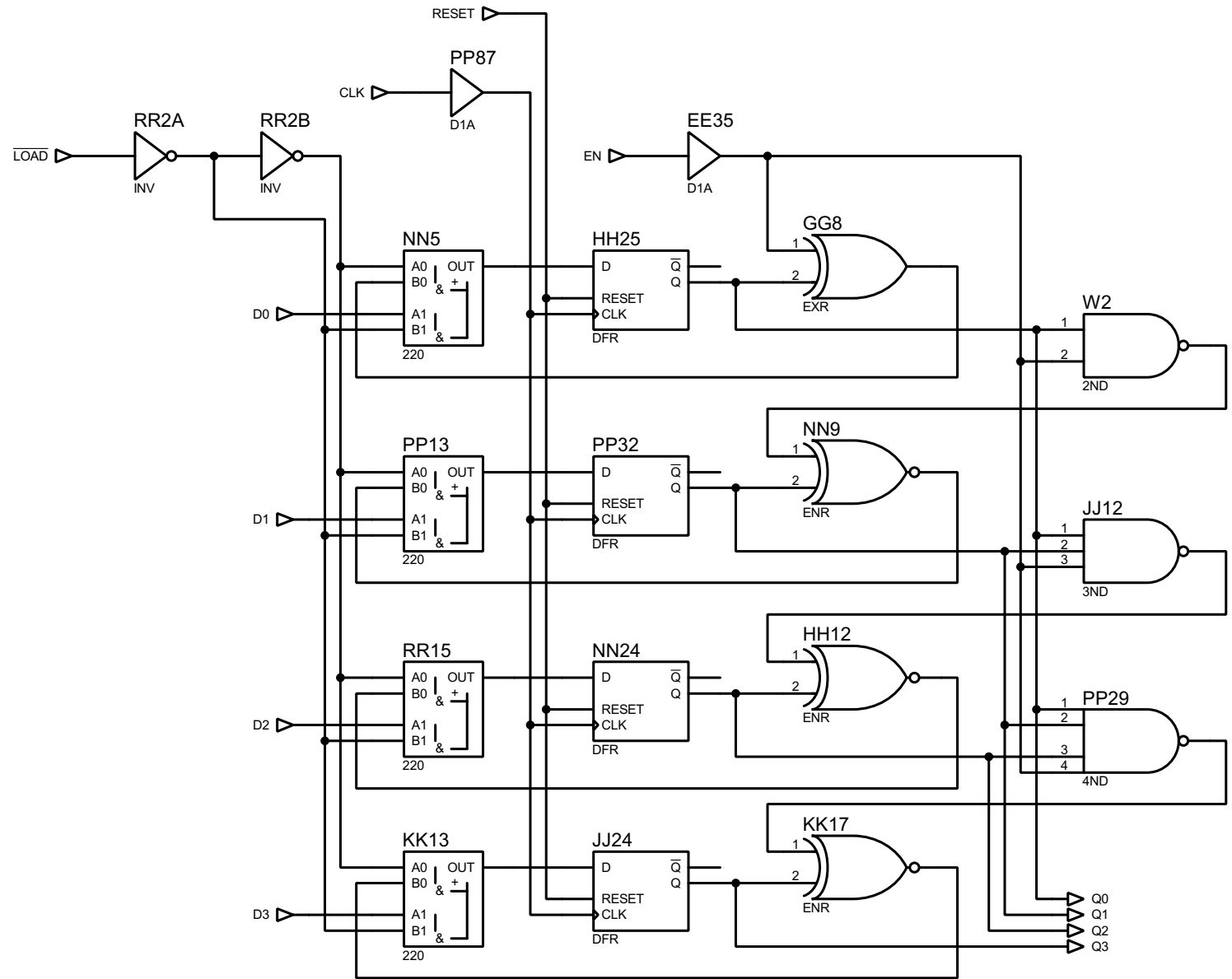
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DESIGN TITLE: Konami 007121	PAGE: 49 of 52
COUNTER11	TIME: 00:06:09
BY: Sean Gonsalves	REV: 0



FILE NAME: 007121.pdsprj	DATE: 03/04/2021
DESIGN TITLE: Konami 007121 COUNTER6	PAGE: 50 of 52
BY: Sean Gonsalves	TIME: 00:06:09
REV: 0	



FILE NAME: 007121.pdsprj		DATE:
DESIGN TITLE: Konami 007121		03/04/2021
COUNTER9		PAGE:
BY: Sean Gonsalves		51 of 52
REV: 0		TIME: 00:06:09



FILE NAME: 007121.pdsprj		DATE:
DESIGN TITLE: Konami 007121		03/04/2021
COUNTER14		PAGE:
BY: Sean Gonsalves		52 of 52
REV: 0		TIME: 00:06:09