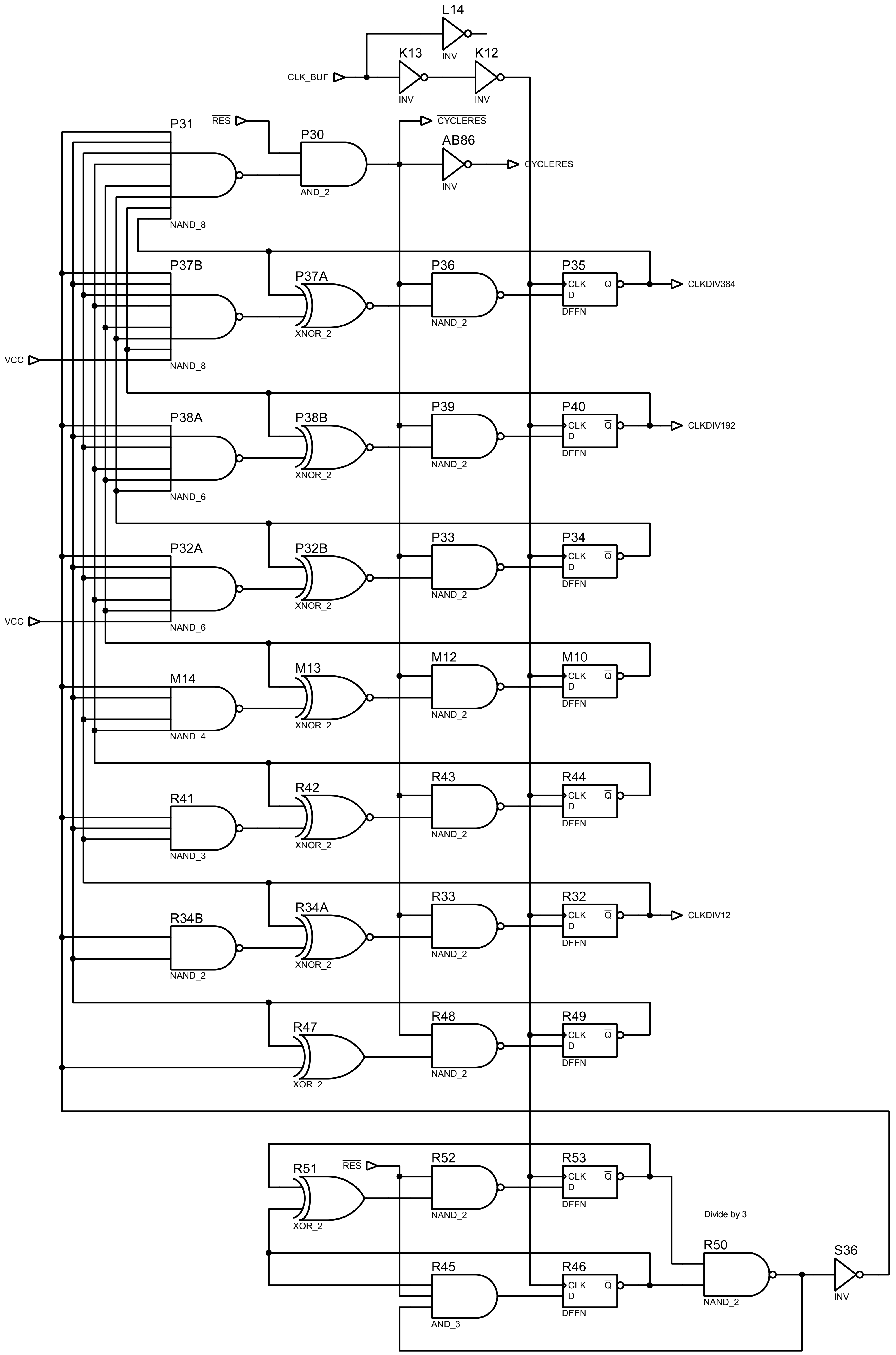

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Konami 054539
CLOCK DIV LOW

DATE:

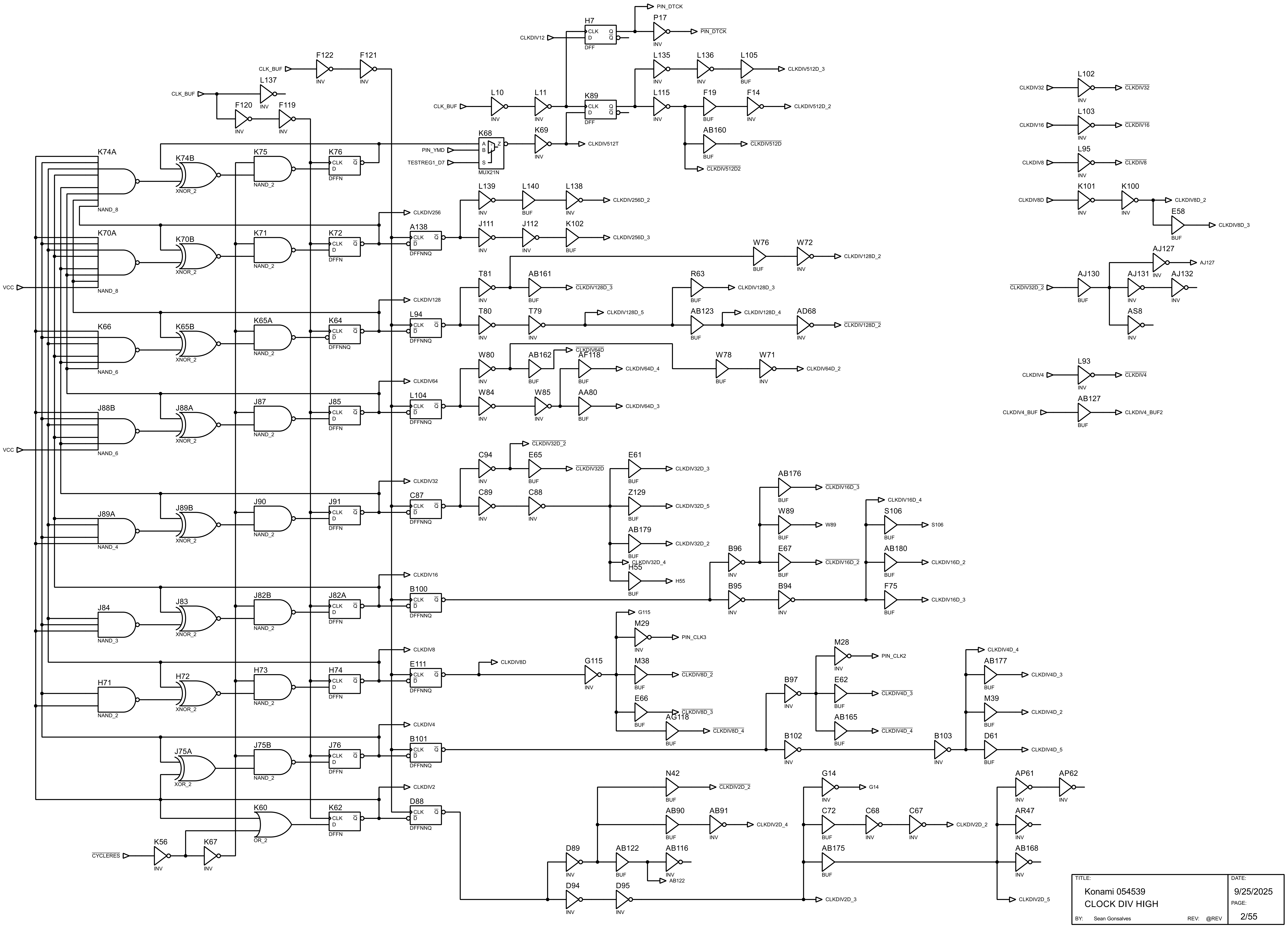
9/25/2025

PAGE:

1/55

BY: Sean Gonsalves

REV: @REV



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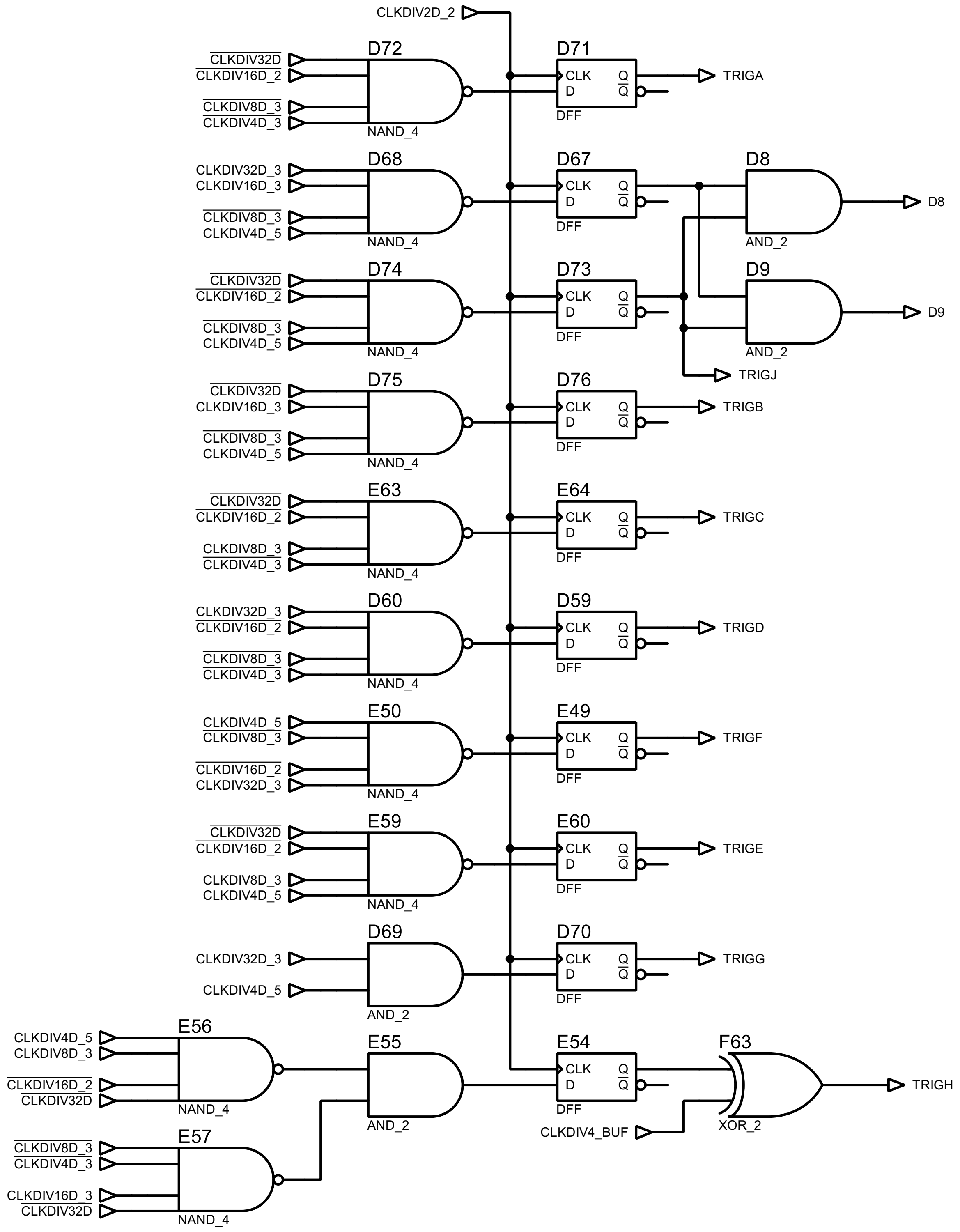
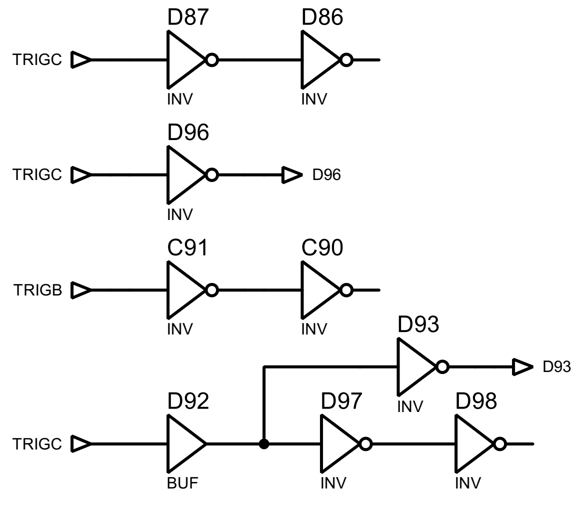
DATE:
9/25/2025

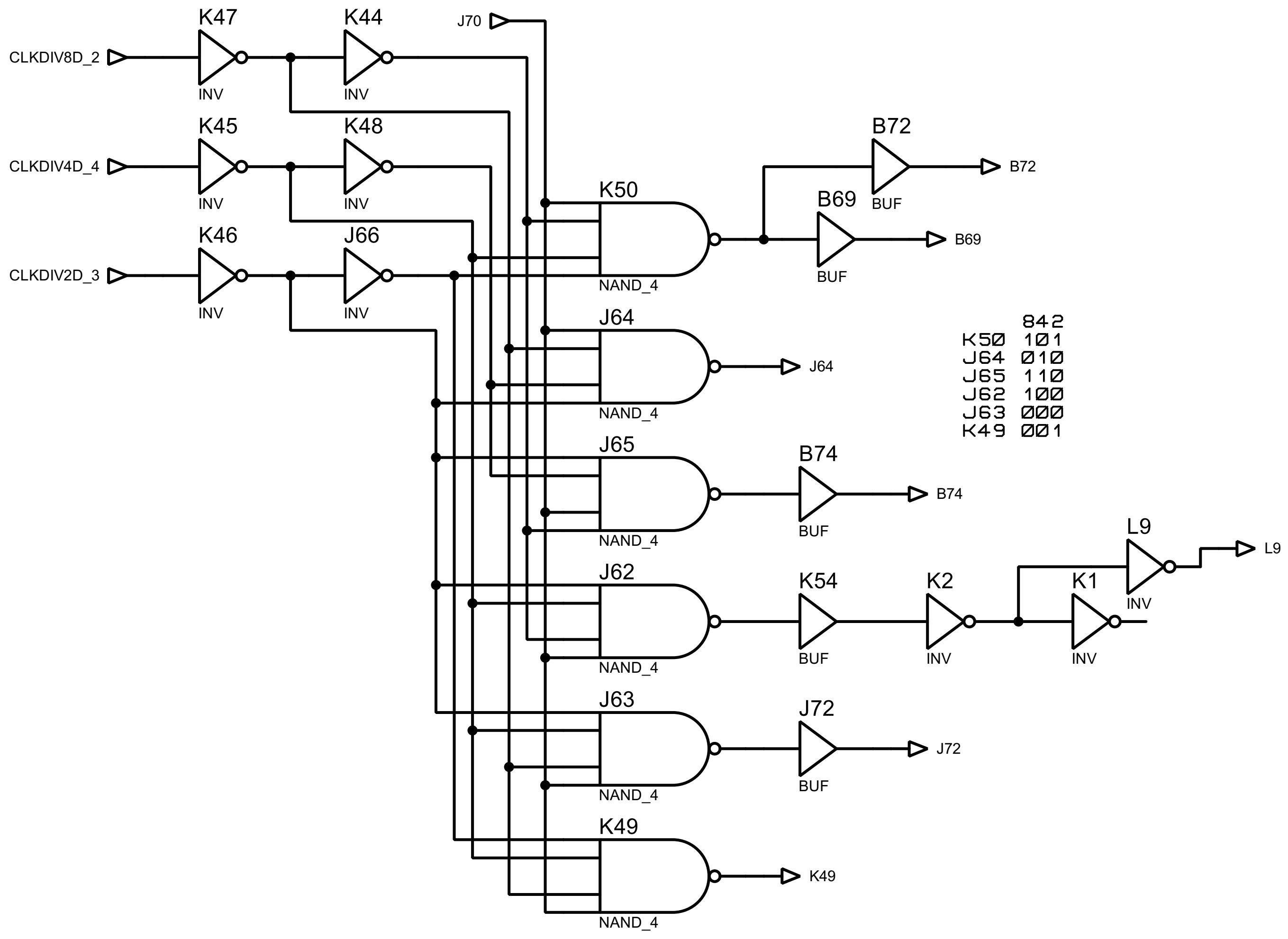
PAGE:
2/55

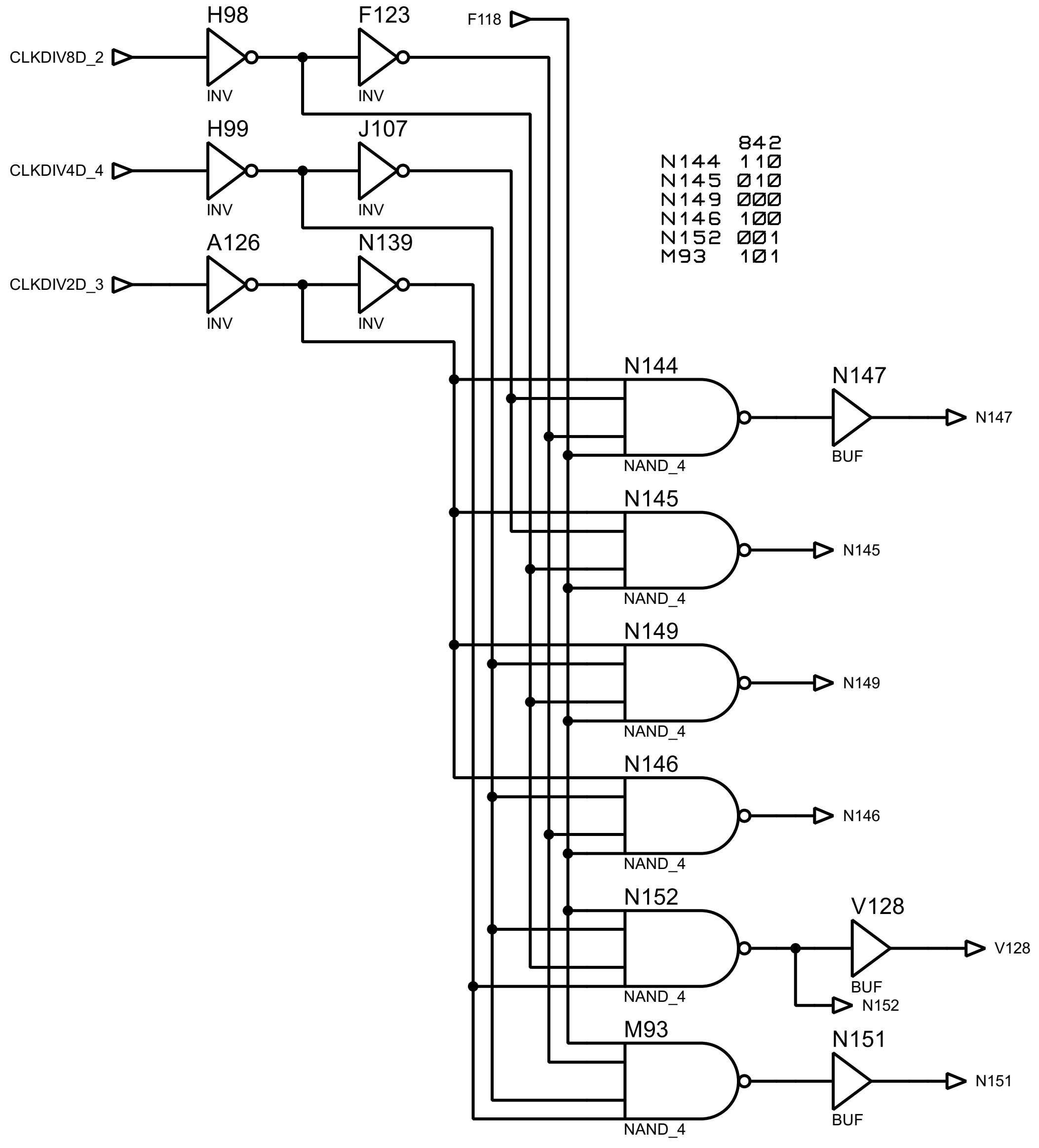
BY: Sean Gonsalves

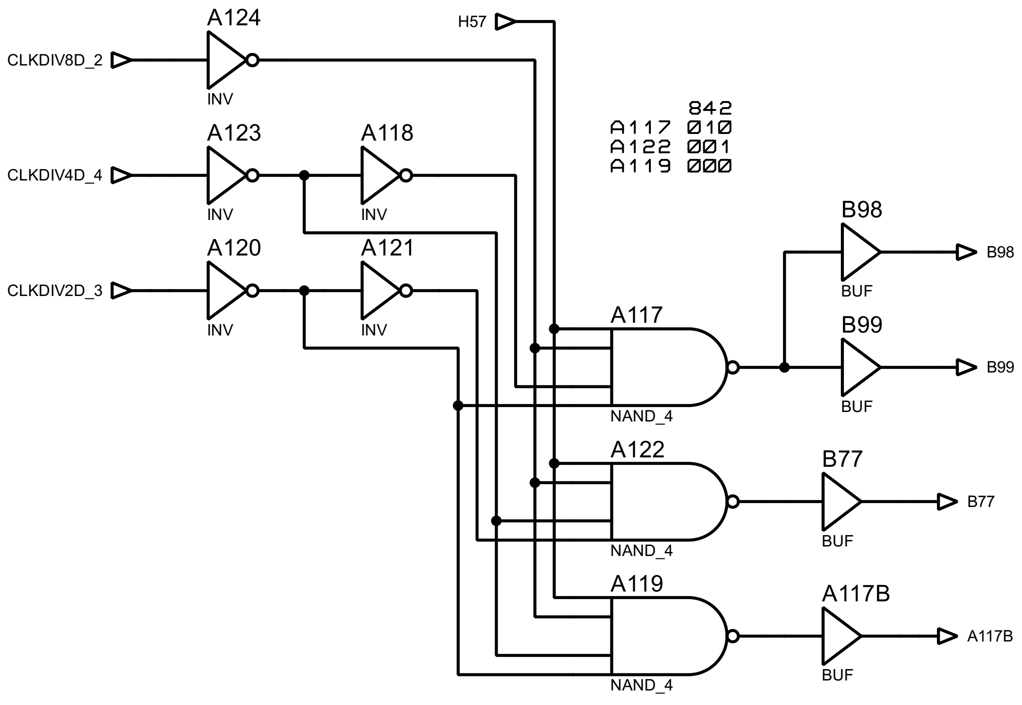
REV: @REV

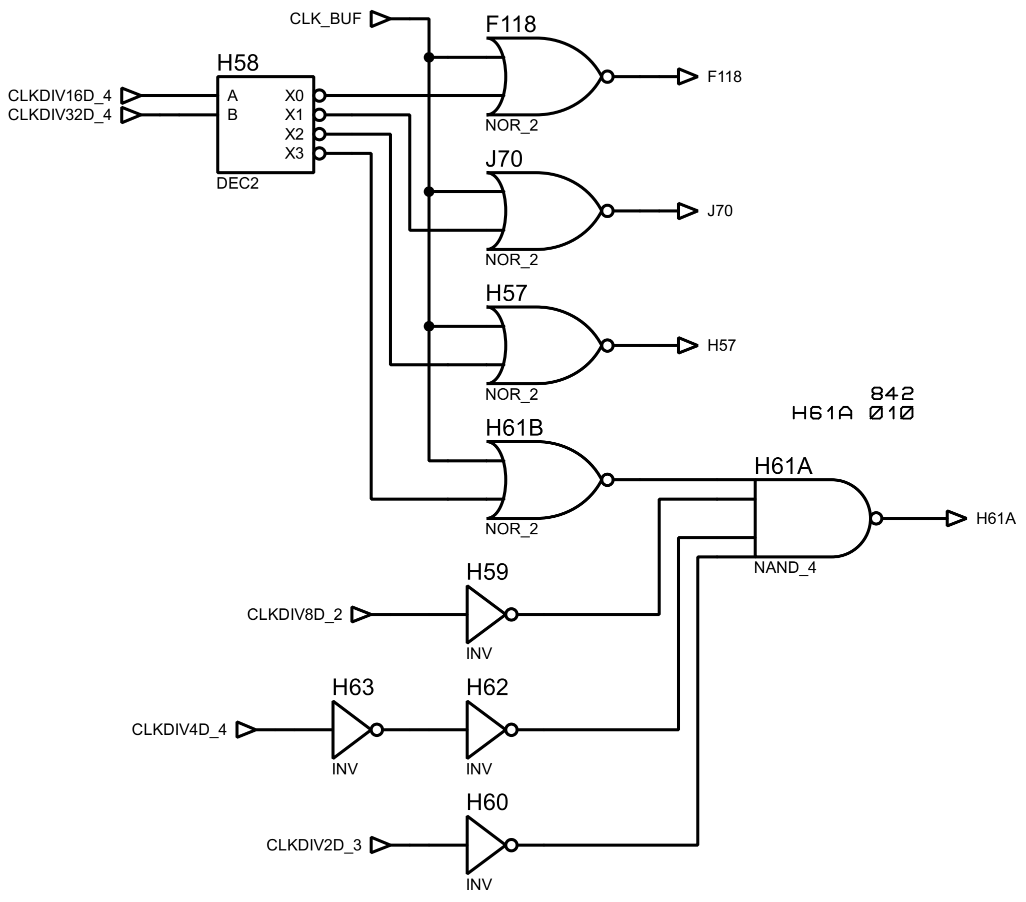












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9/25/2025

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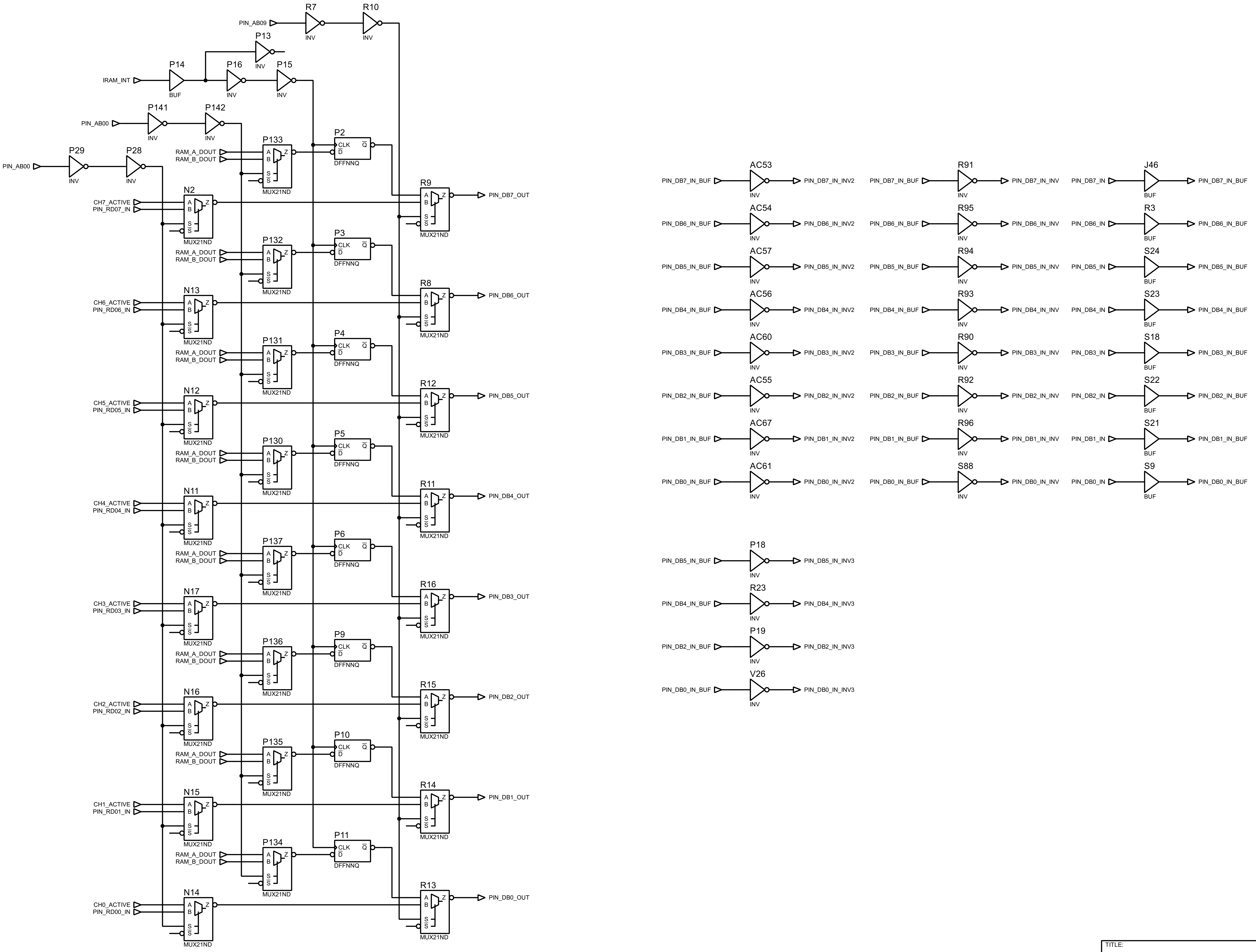
3/55

BY: Sean Gonsalves

REV: @REV



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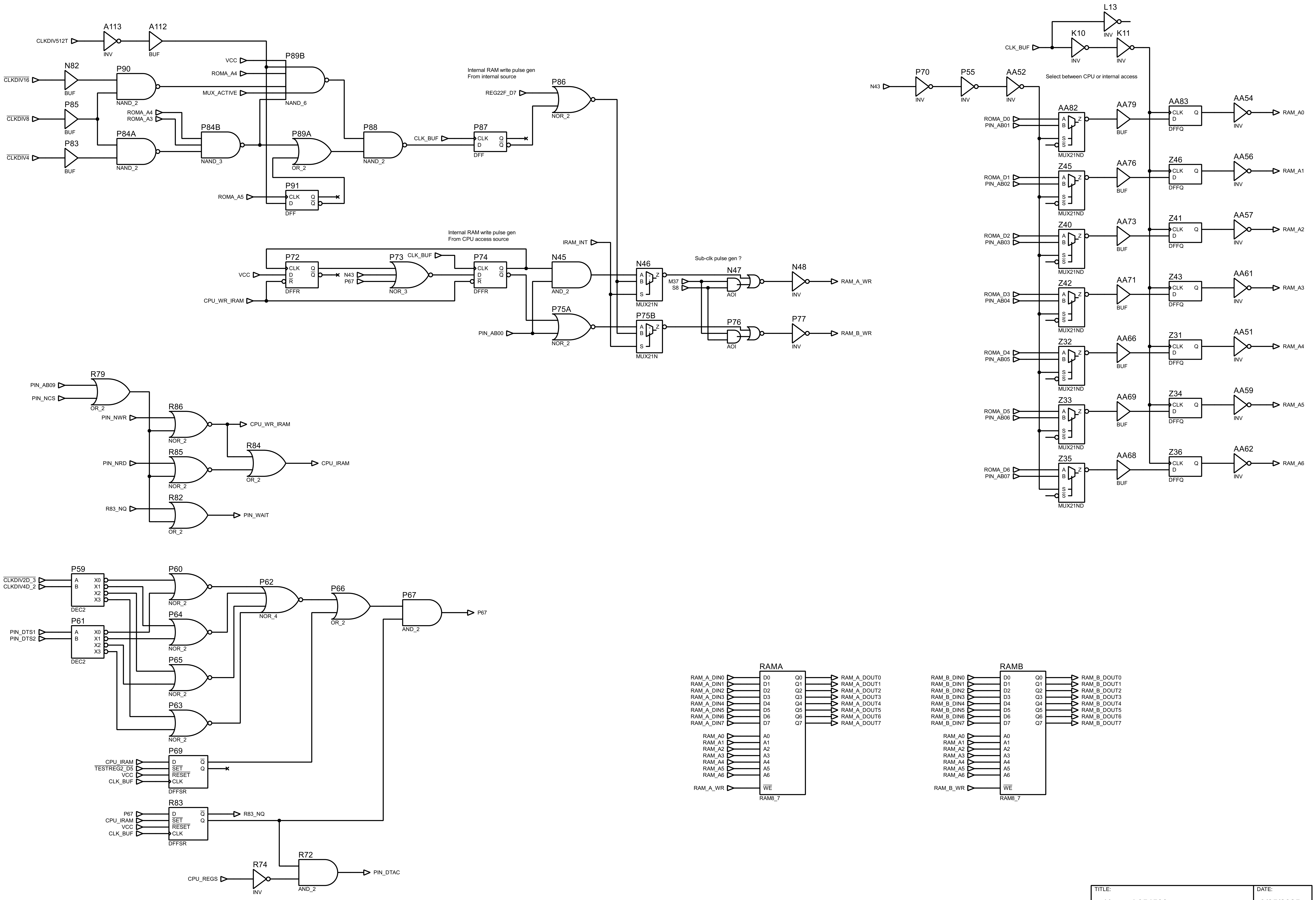
CPU DATA

DATE:
9/25/2025

PAGE:
4/55

BY: Sean Gonsalves
REV: @REV



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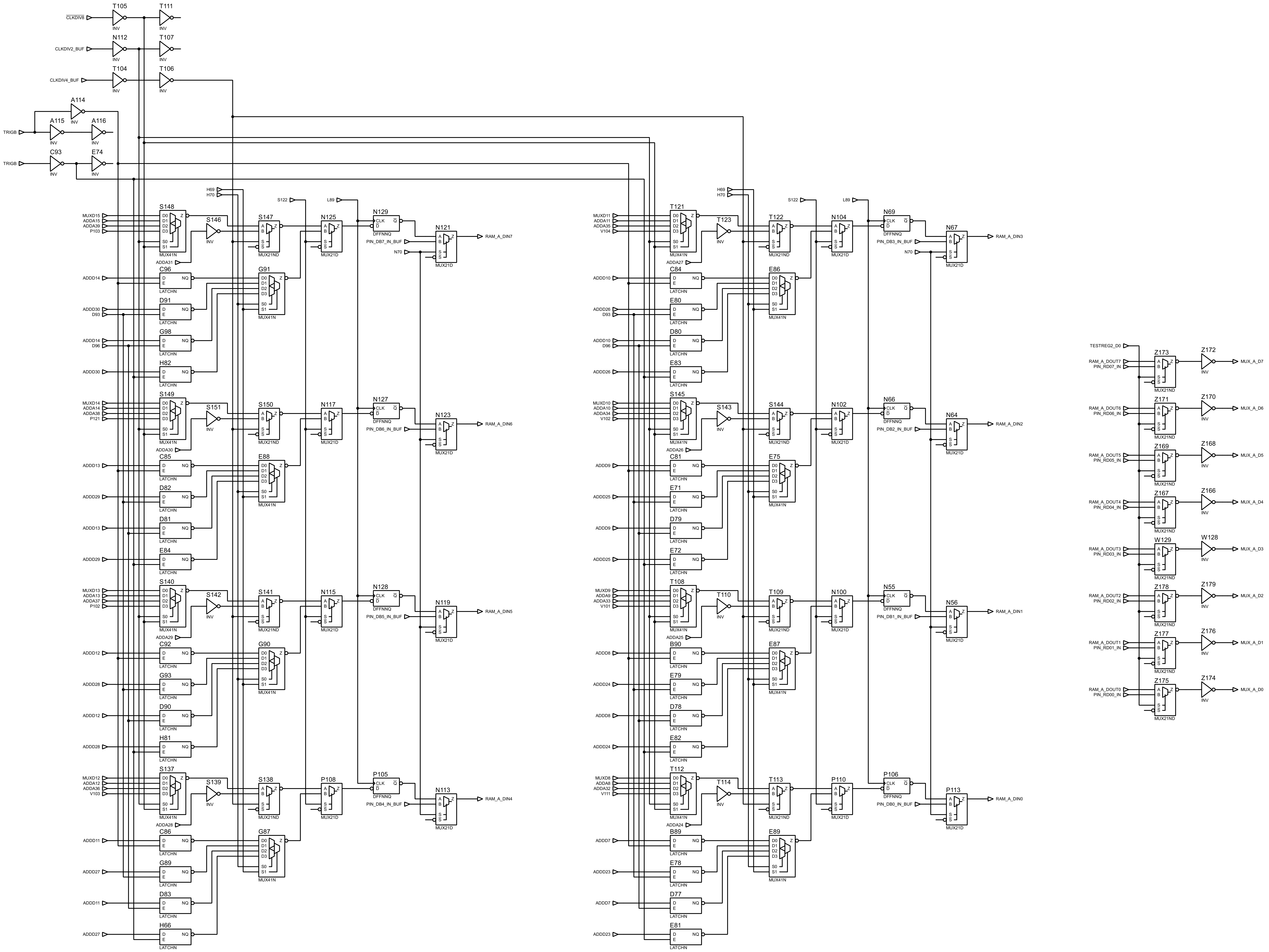
Konami 054539 INTERNAL RAM	9/25/2025 PAGE: 5/55
BY: Sean Gonsalves REV: @REV	



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DATE:

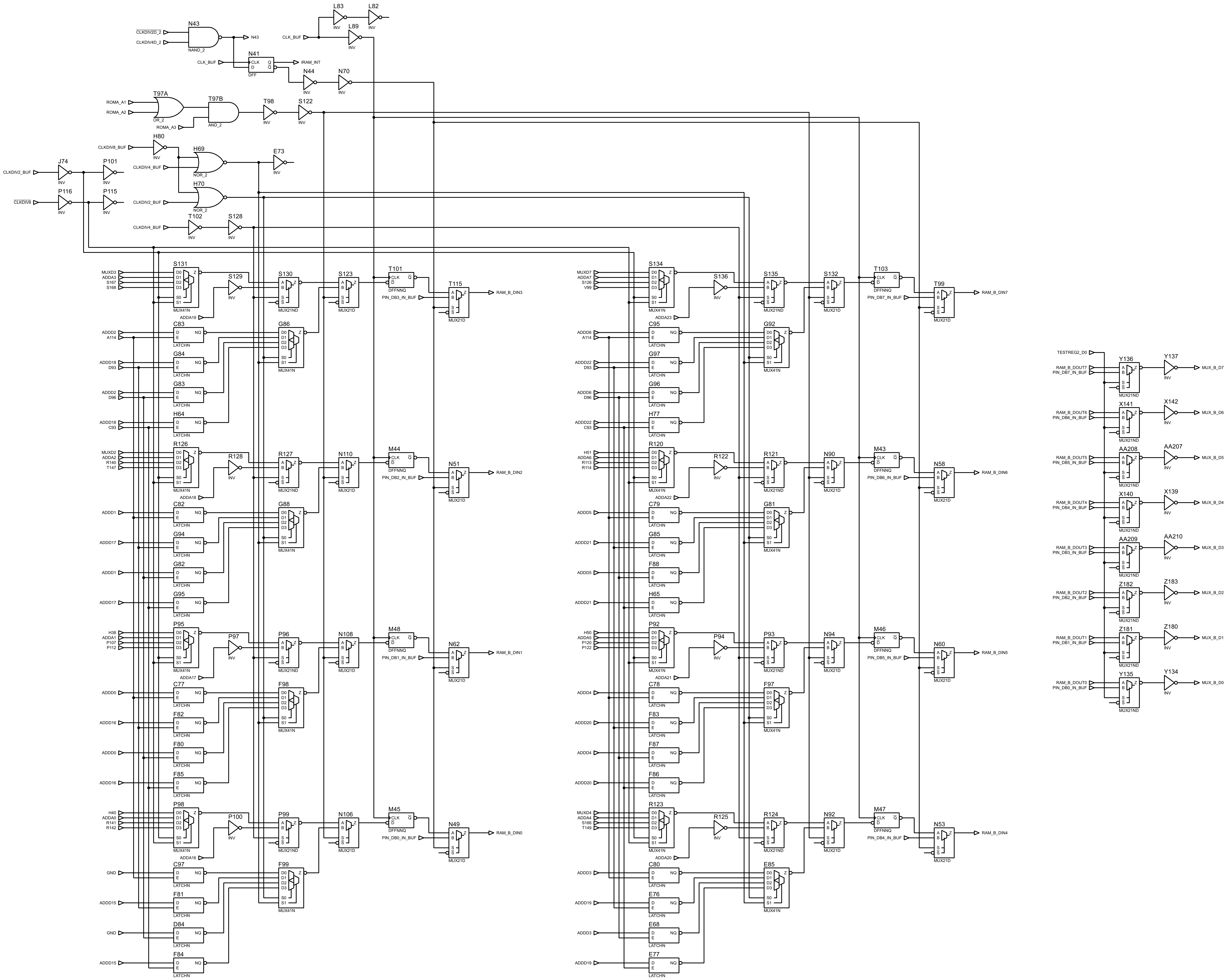
9/25/2025

PAGE:

6/55

BY: Sean Gonsalves

REV: @REV



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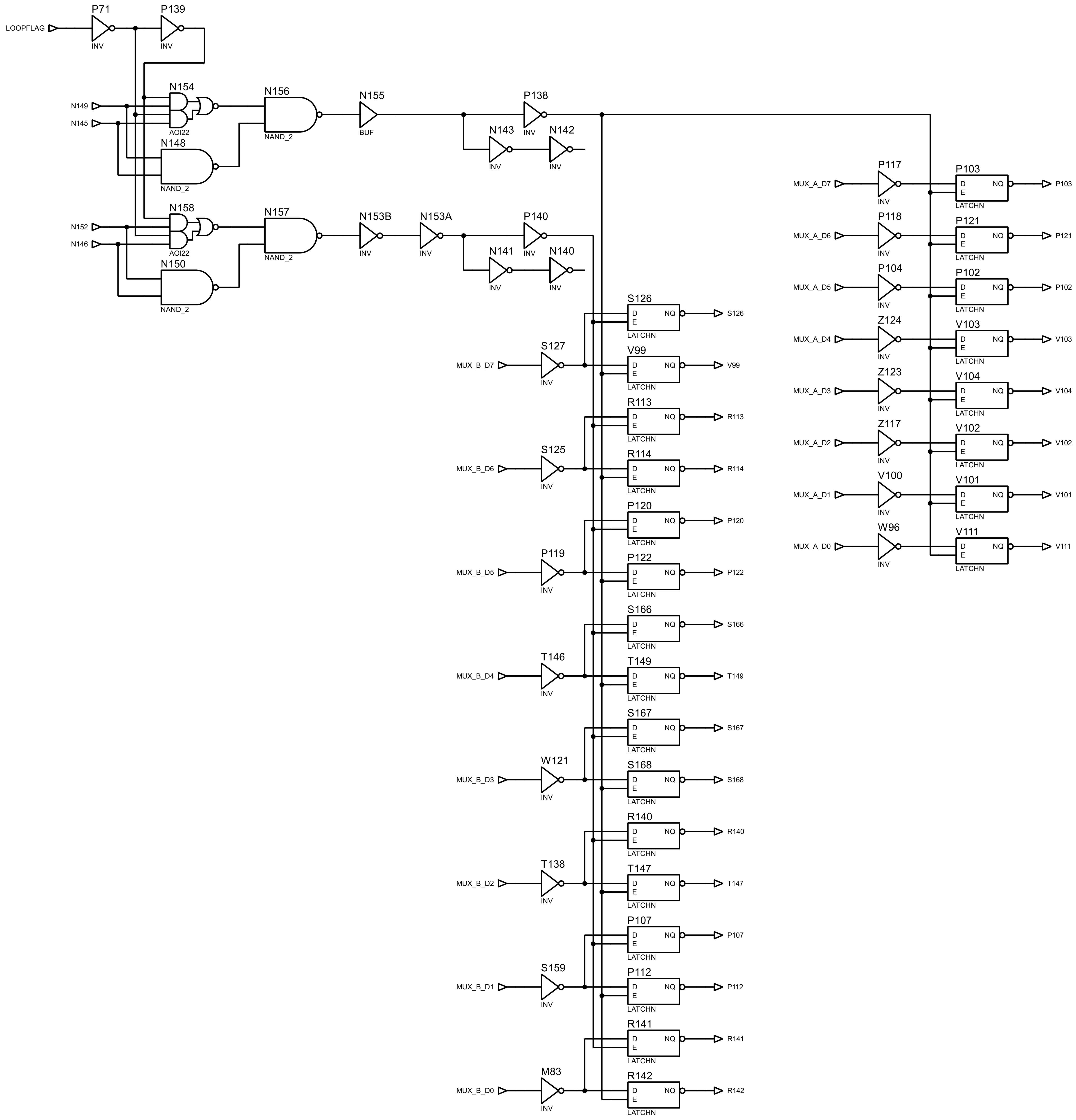
BY: Sean Gonsalves REV: @REV

DATE: 9/25/2025

PAGE: 7/55



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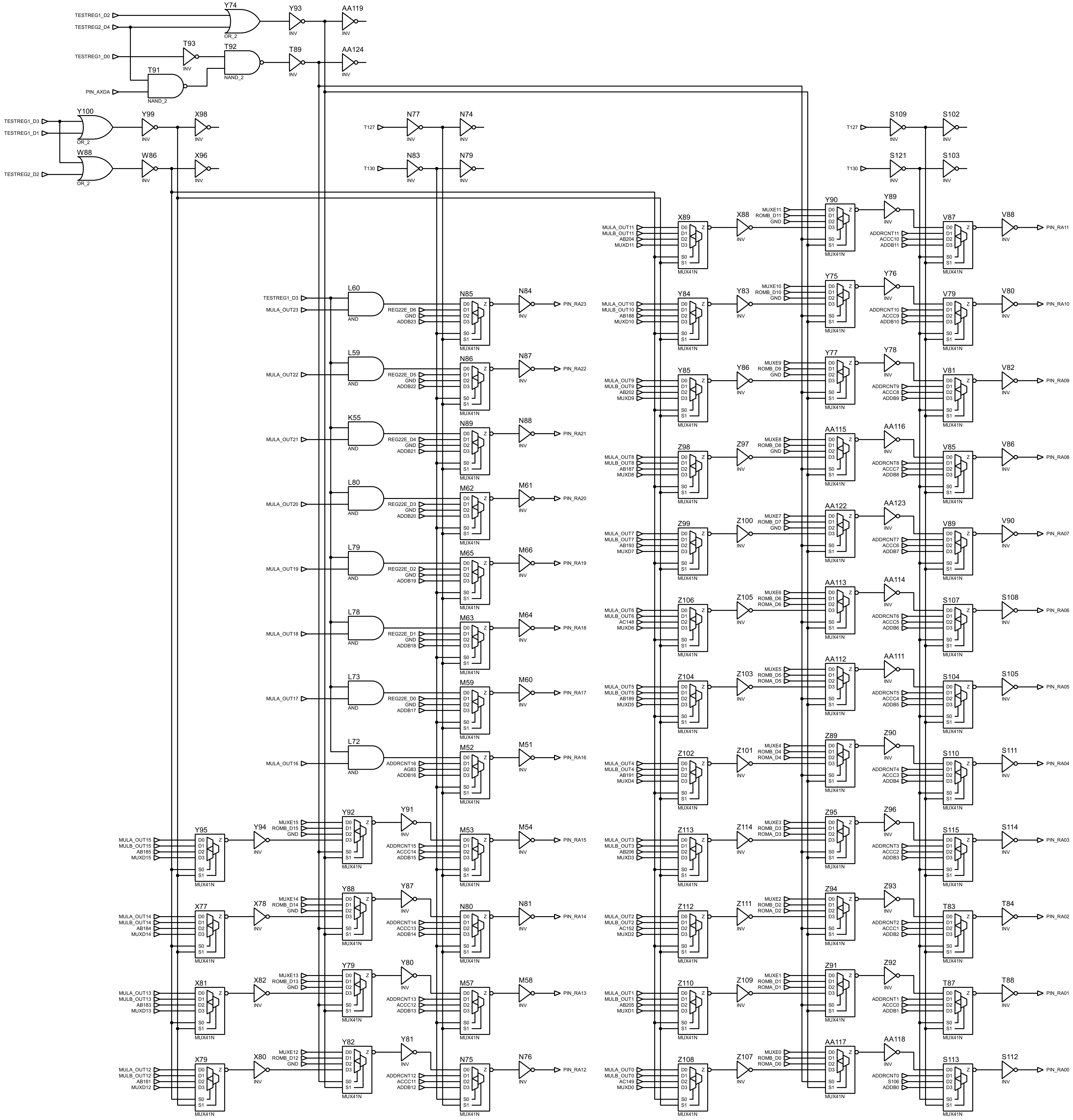
DATE:
9/25/2025

PAGE:
8/55

BY: Sean Gonsalves REV: @REV



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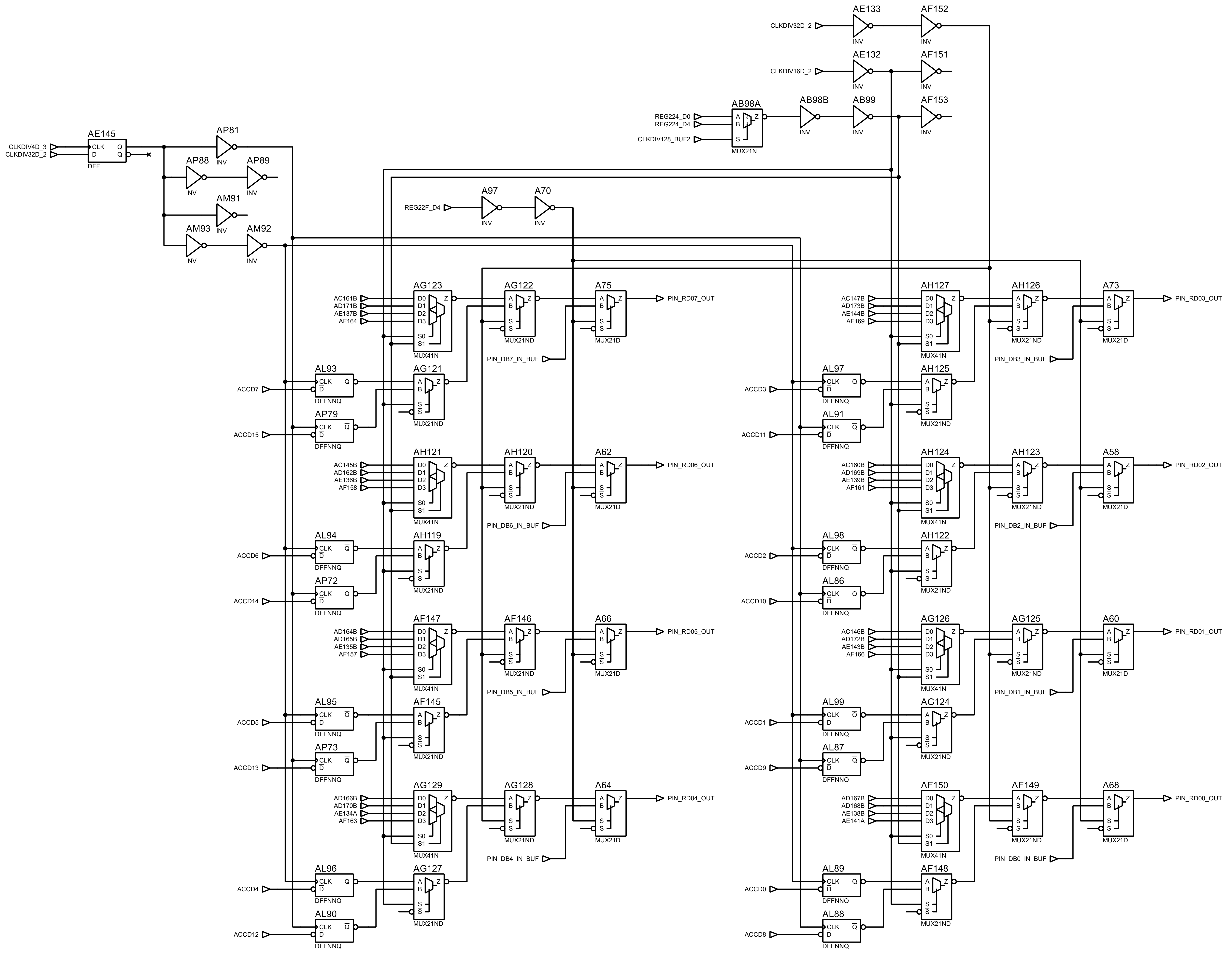
BY: Sean Gonsalves REV: @REV	PAGE: 9/55



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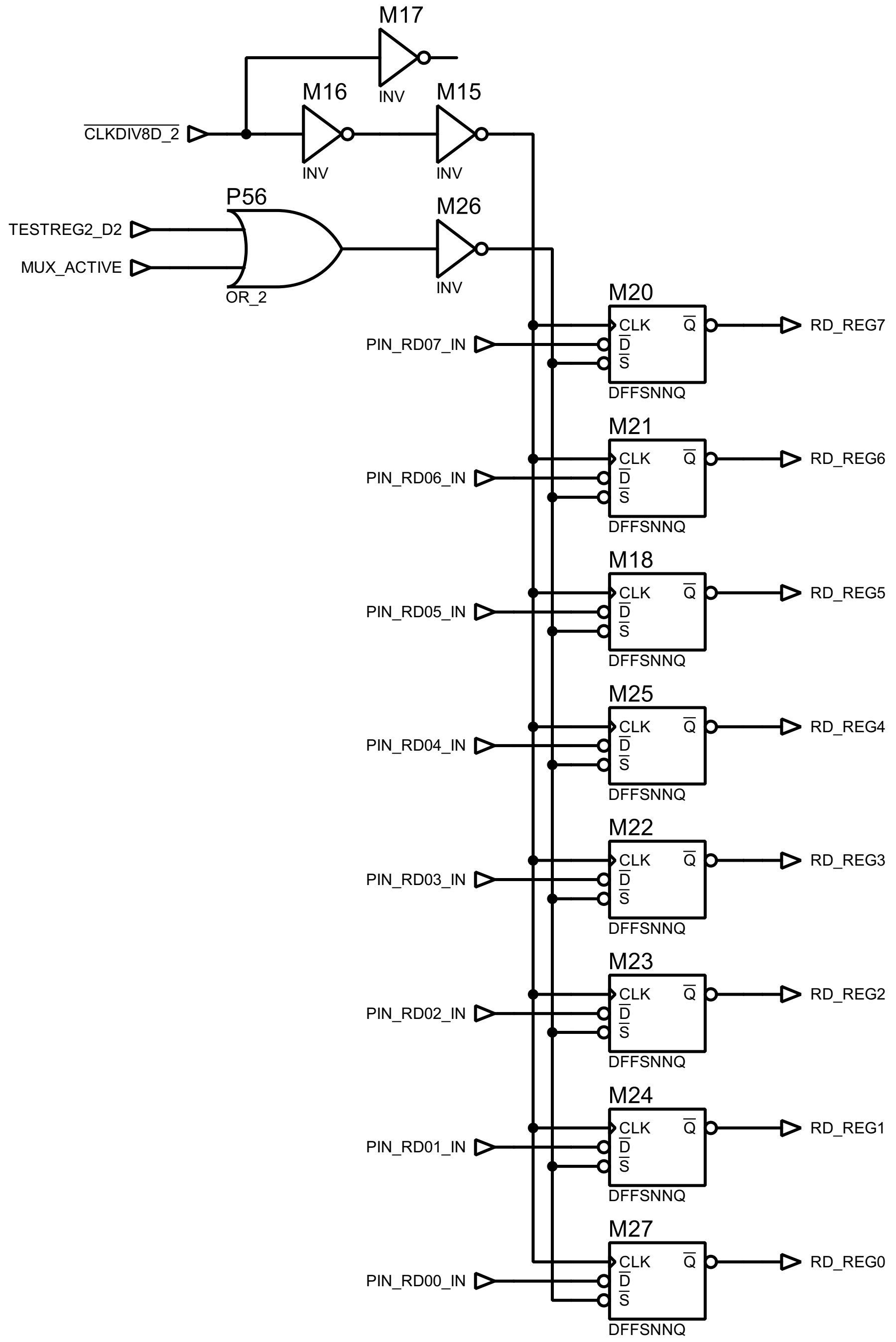
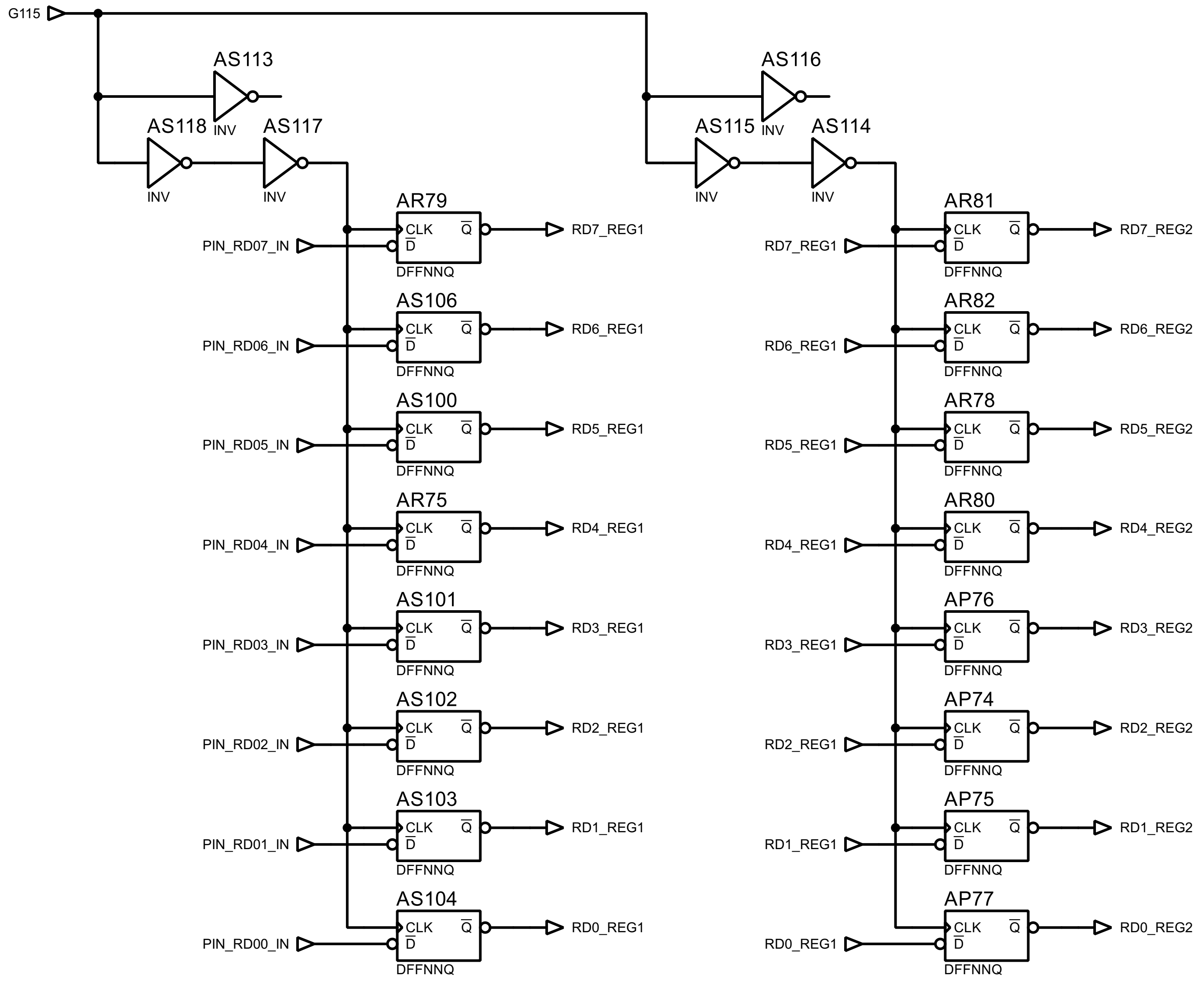
DATE:
9/25/2025

PAGE:
10/55

BY: Sean Gonsalves
REV: @REV





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BY: Sean Gonsalves
REV: @REV
DATE:
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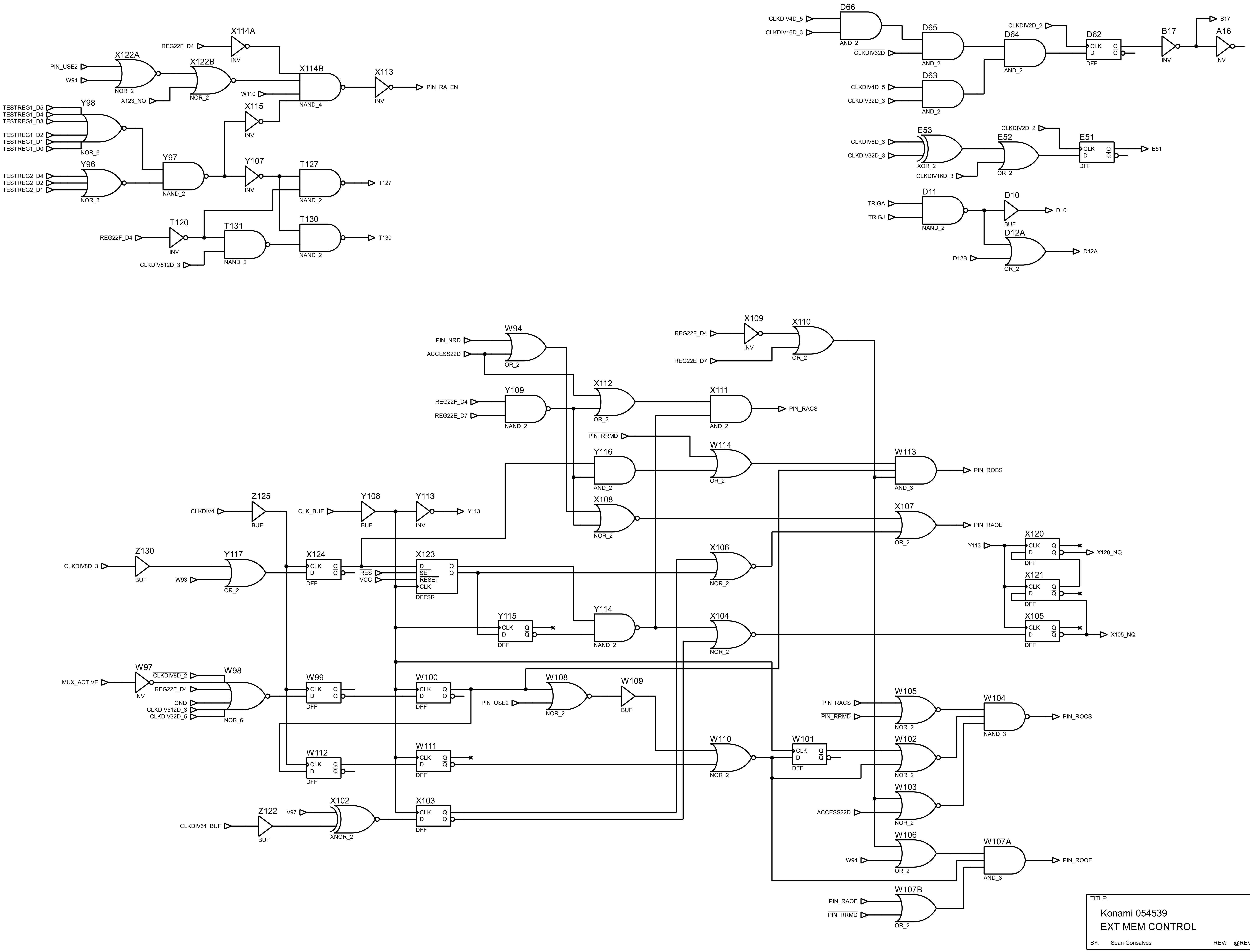
PAGE:
11/55



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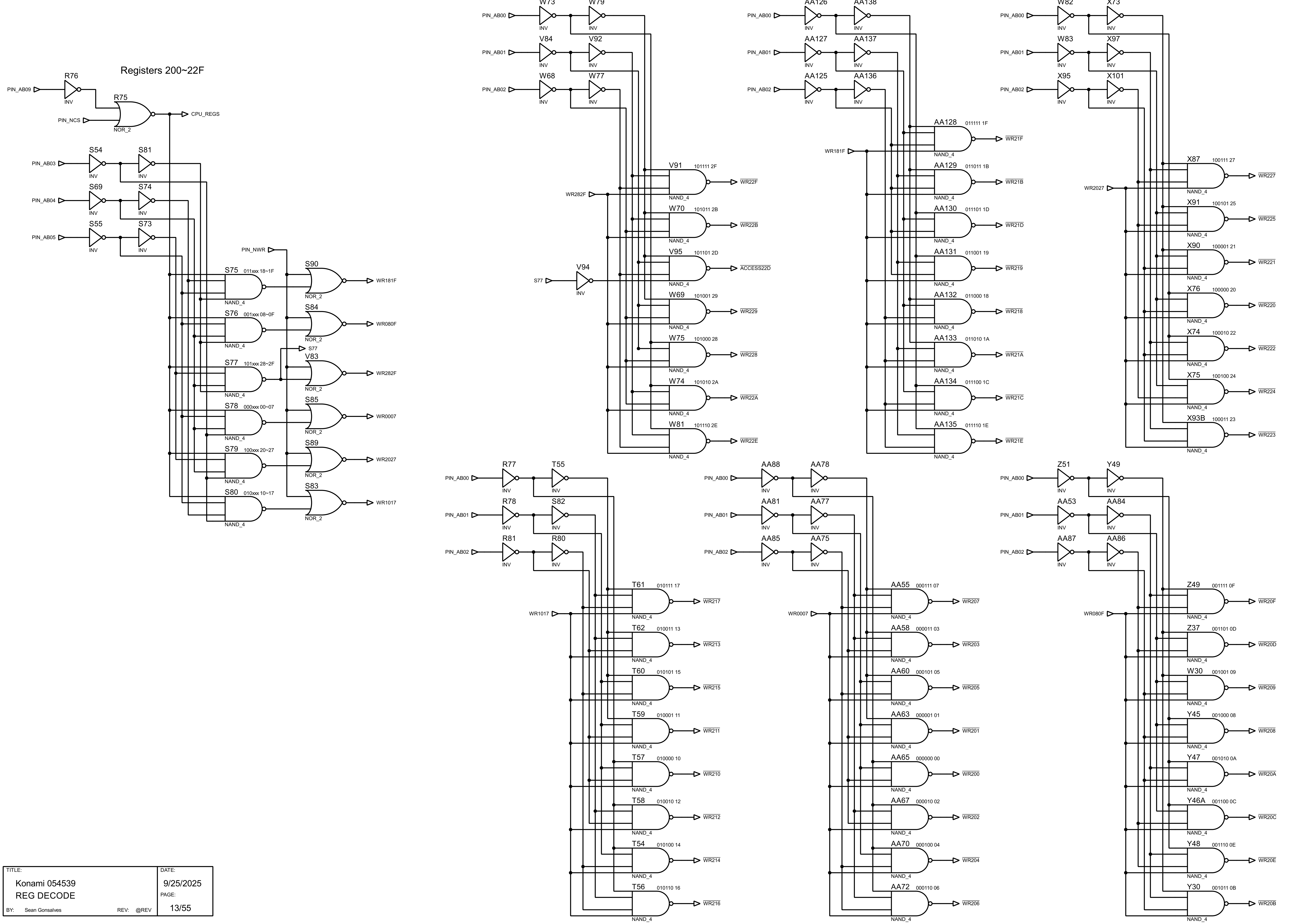
DATE:
9/25/2025

PAGE:
12/55

BY: Sean Gonsalves

REV: @REV



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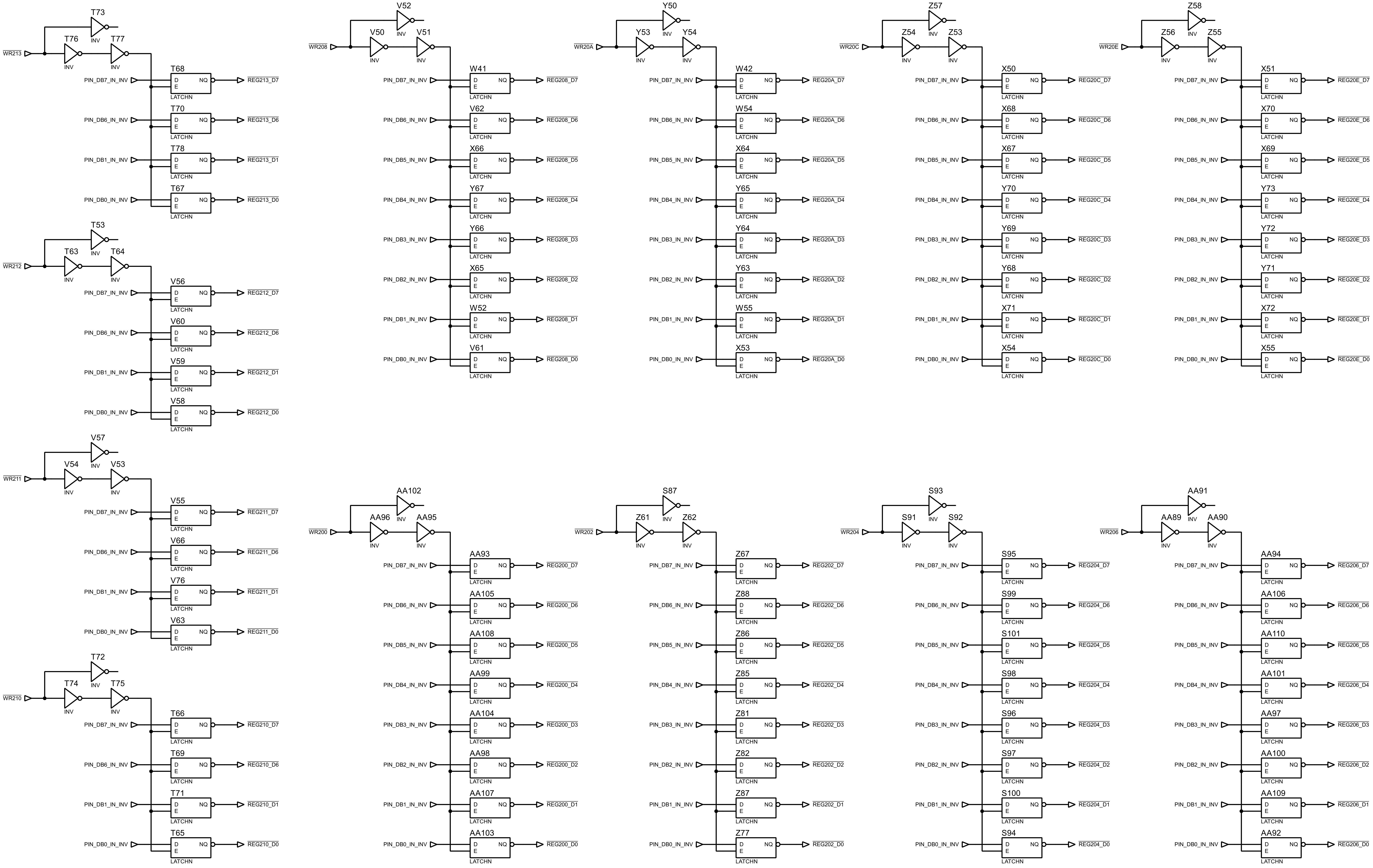
REV: @REV
DATE:
9/25/2025



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DATE:
9/25/2025
PAGE:
14/55
BY: Sean Gonsalves
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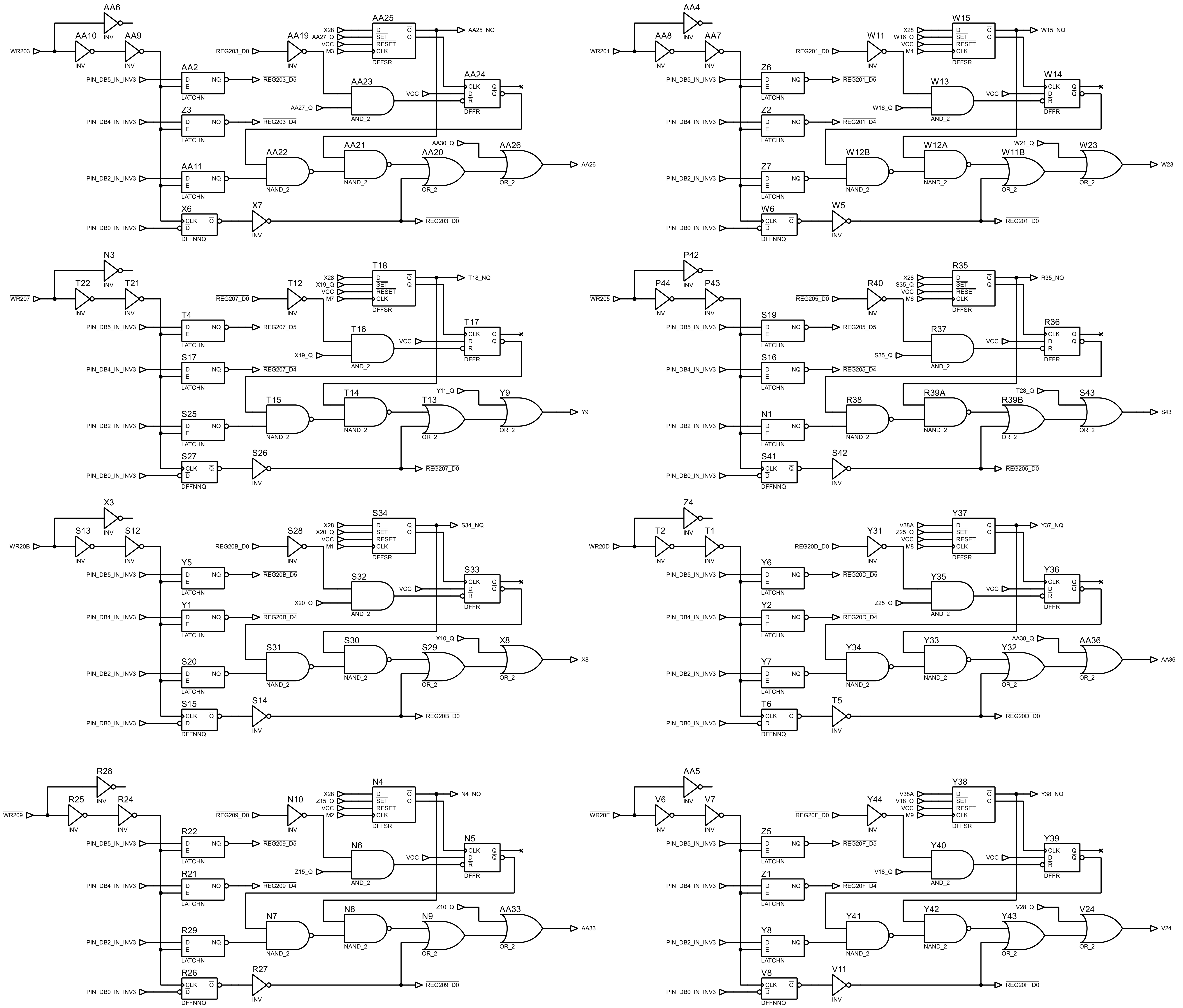

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DATE:
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PAGE:
15/55

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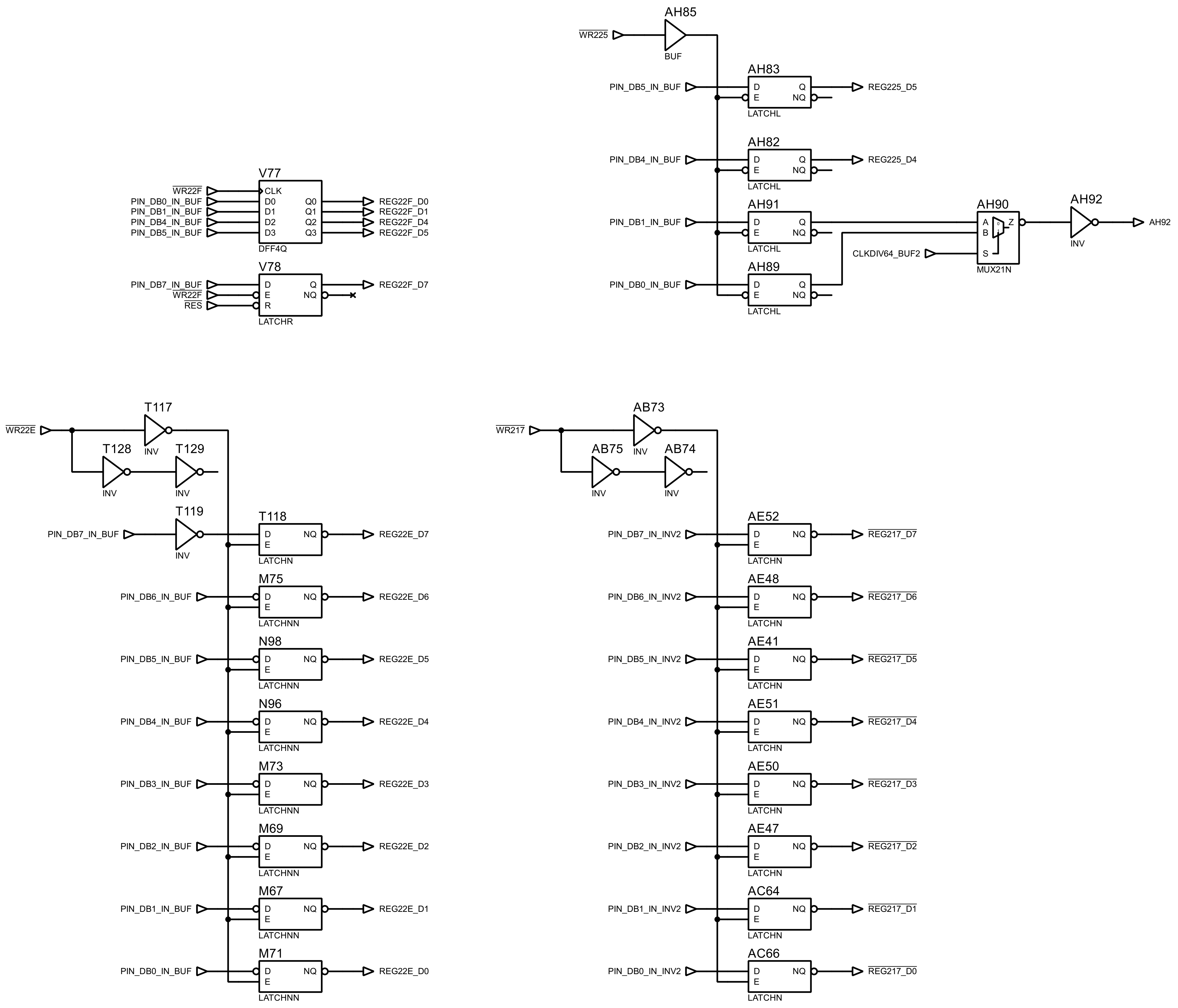

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DATE:
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PAGE:
16/55
BY: Sean Gonsalves
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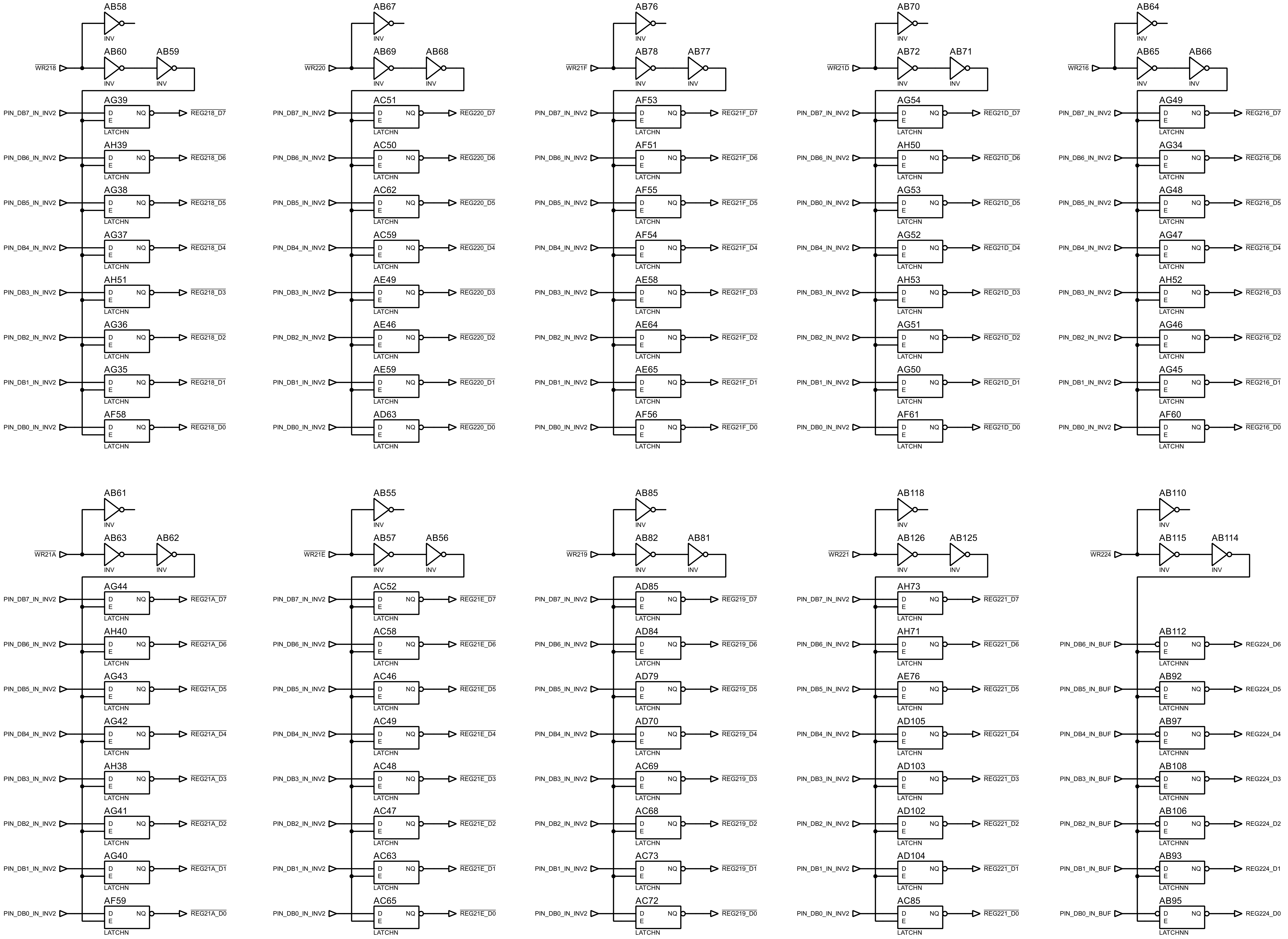

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BY: Sean Gonsalves
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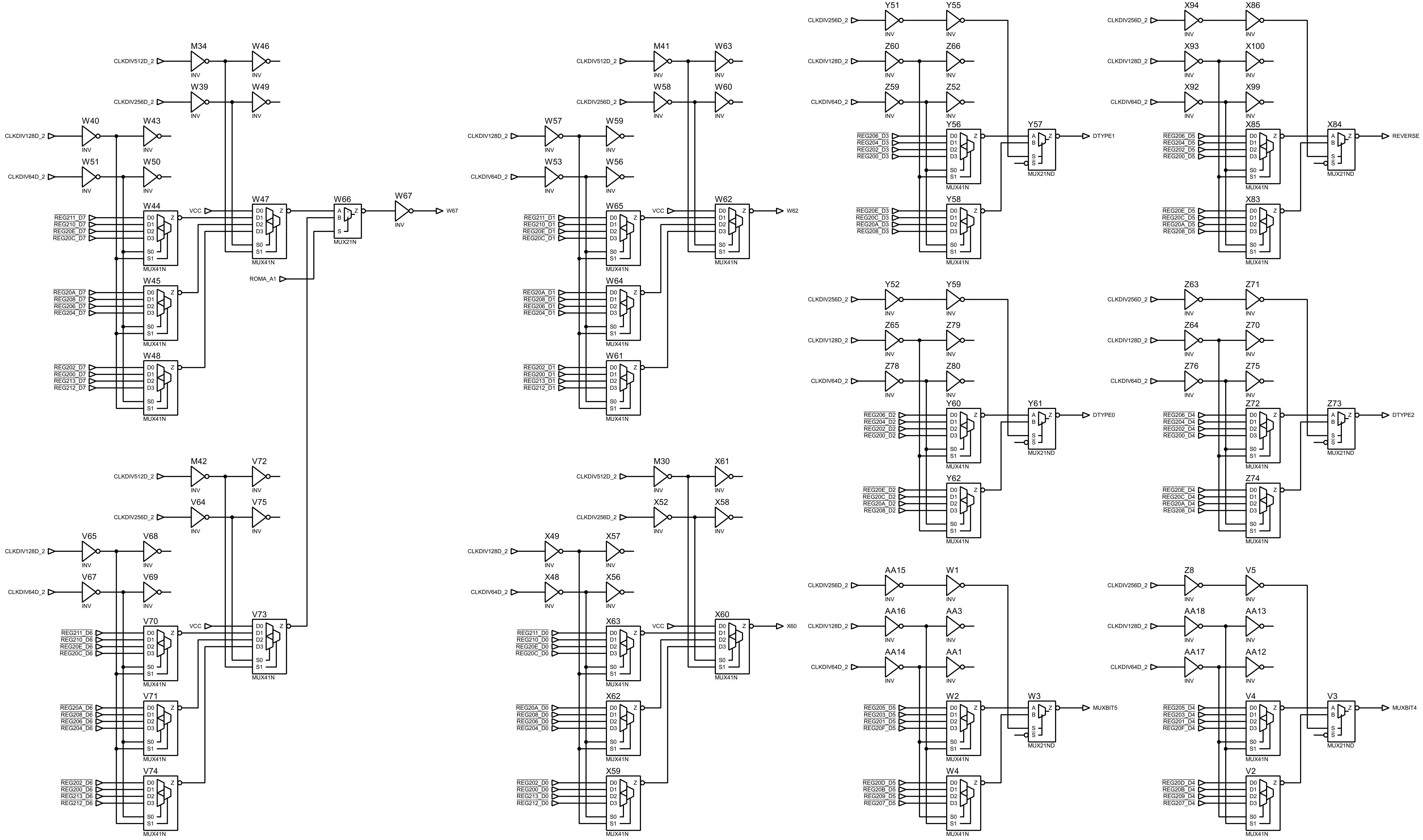
DATE:
9/25/2025

PAGE:
17/55



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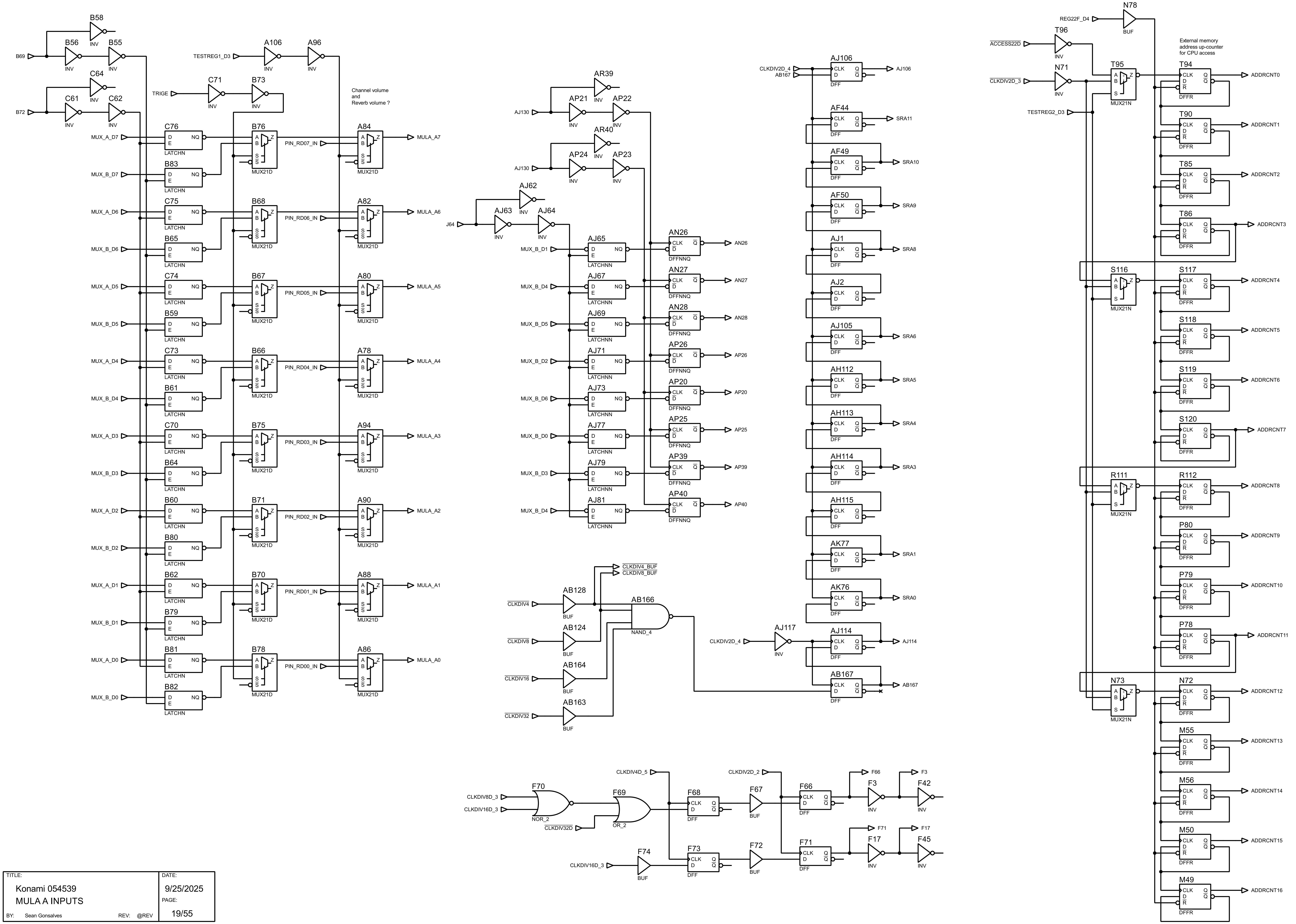
BY: Sean Gonsalves
REV: @REV
DATE:
9/25/2025
PAGE:
18/55



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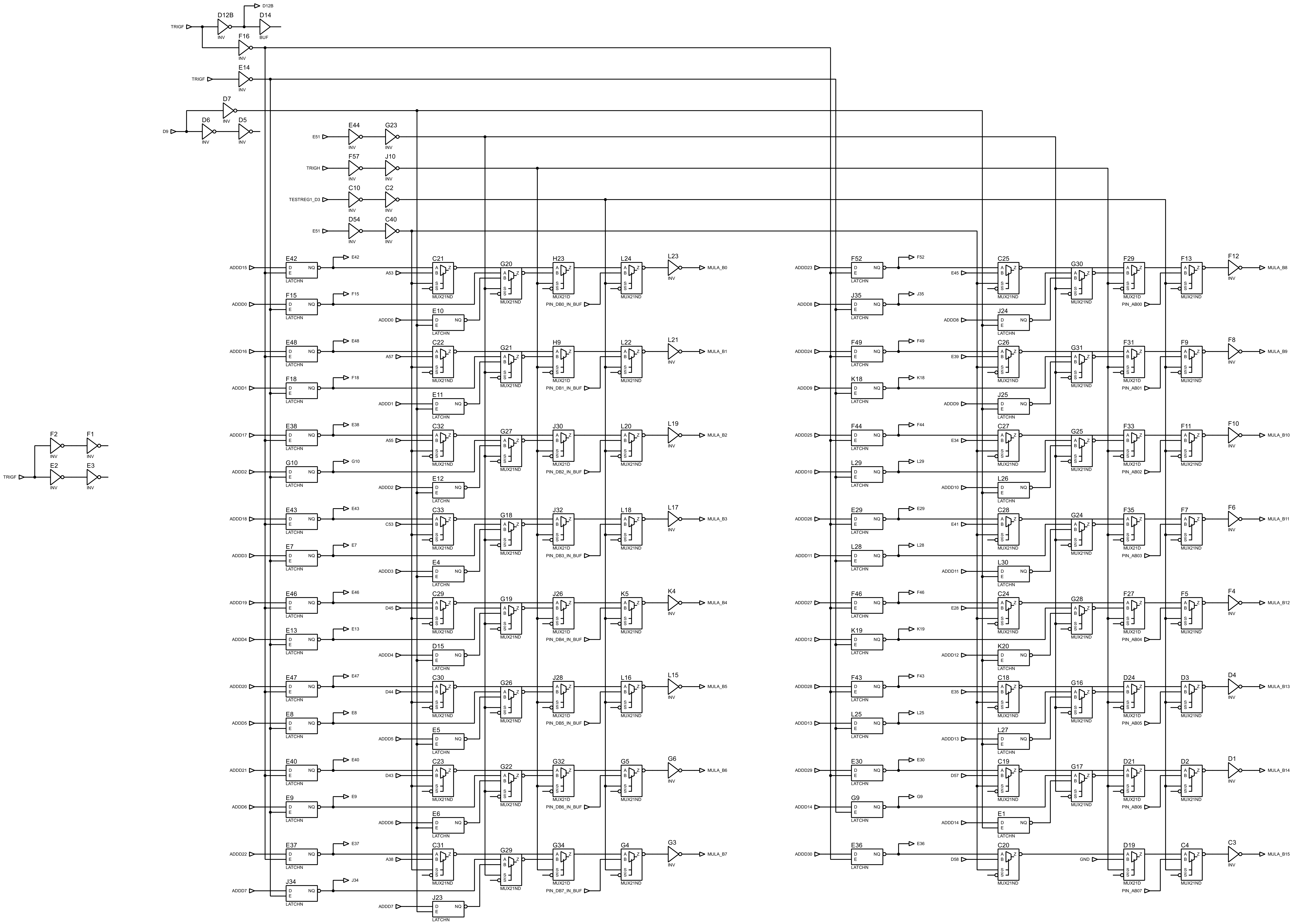
MULA A INPUTS
BY: Sean Gonsalves
REV: @REV

DATE:
9/25/2025

PAGE:
19/55



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MULA B INPUTS
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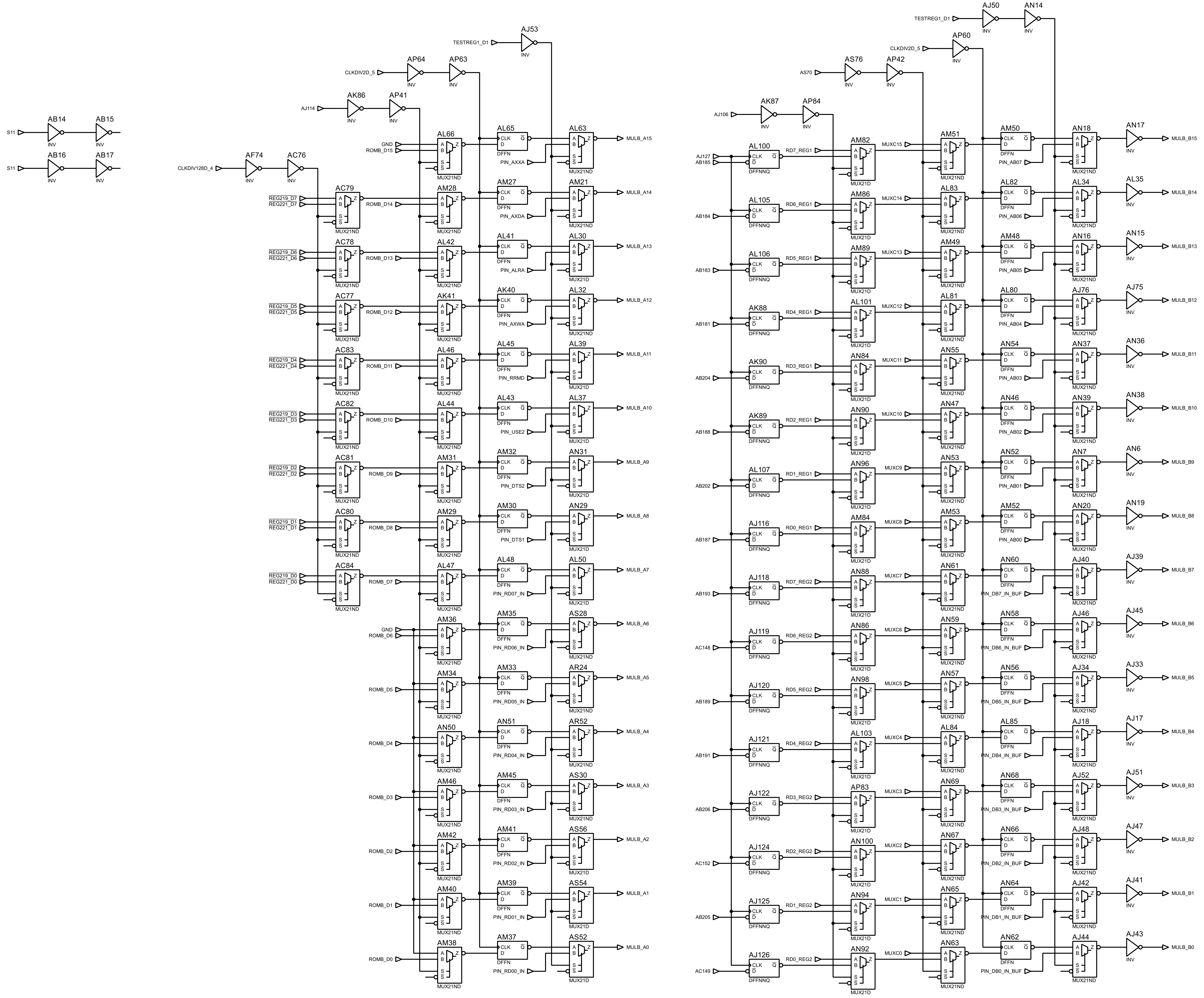
9/25/2025
PAGE:
20/55



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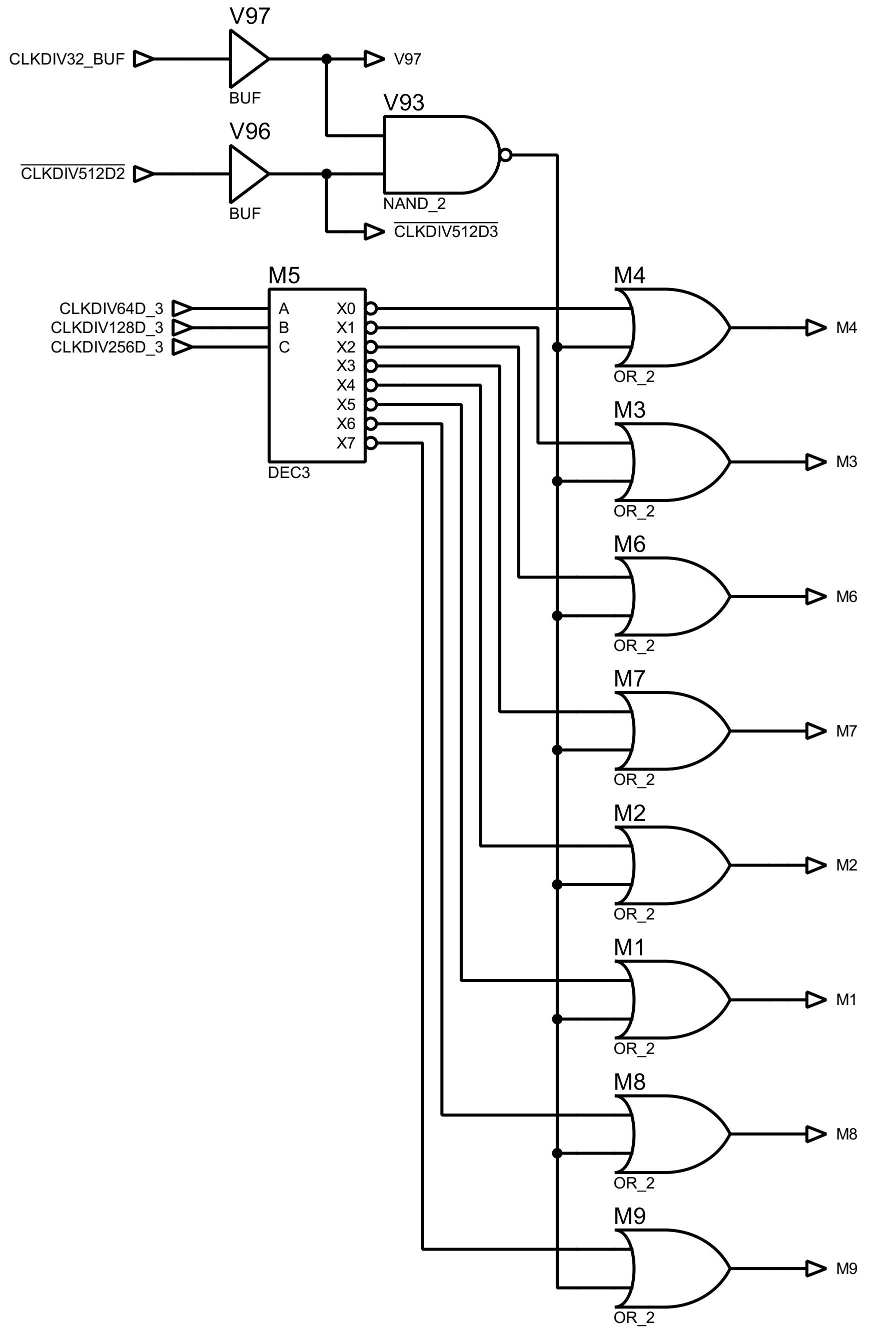
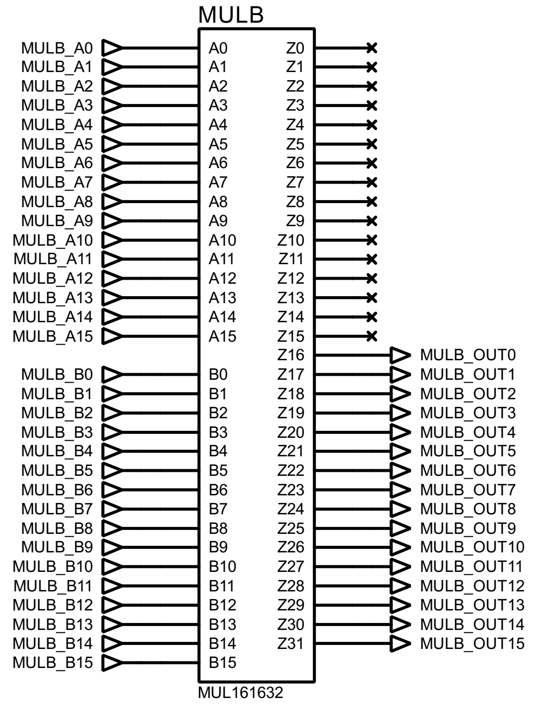
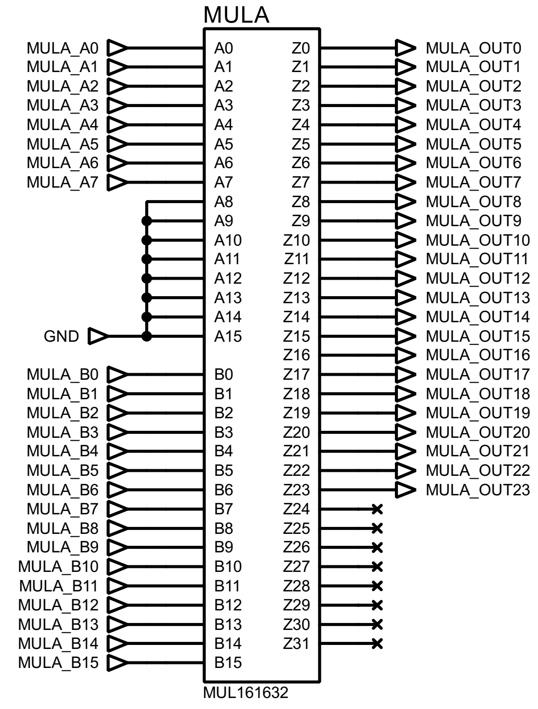
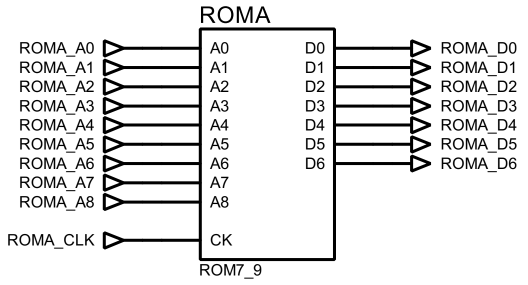
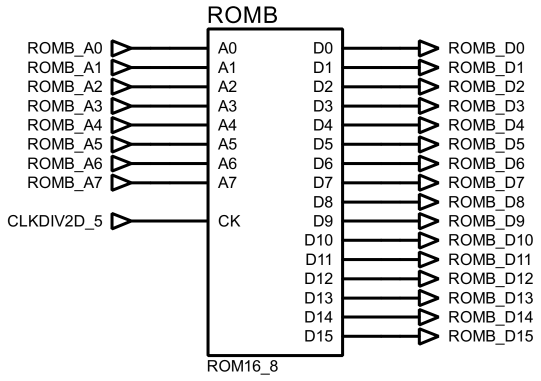
9/25/2025
PAGE:
21/55











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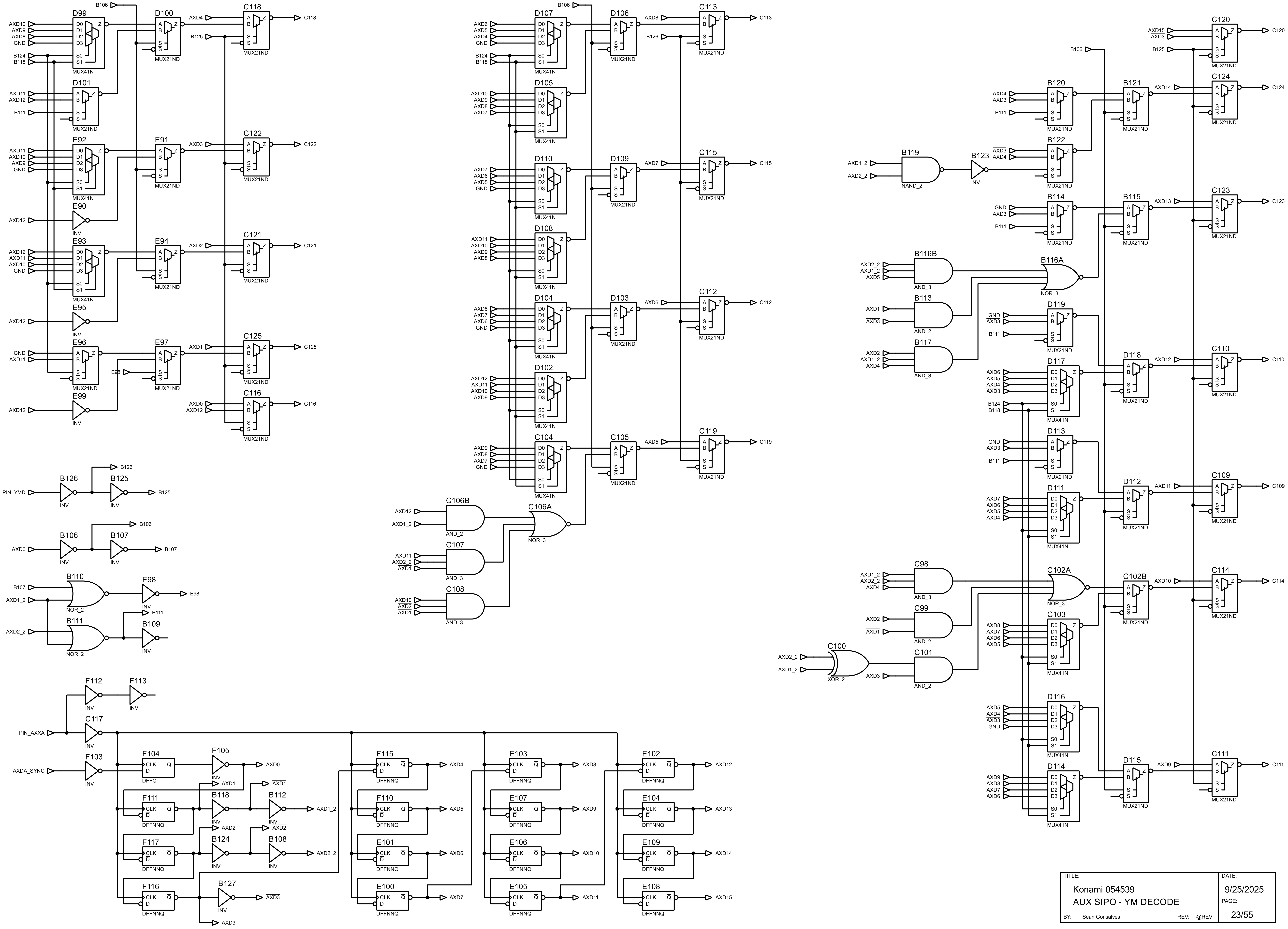
ROM AND MULTIPLIERS
BY: Sean Gonsalves
REV: @REV
DATE:
9/25/2025
PAGE:
22/55



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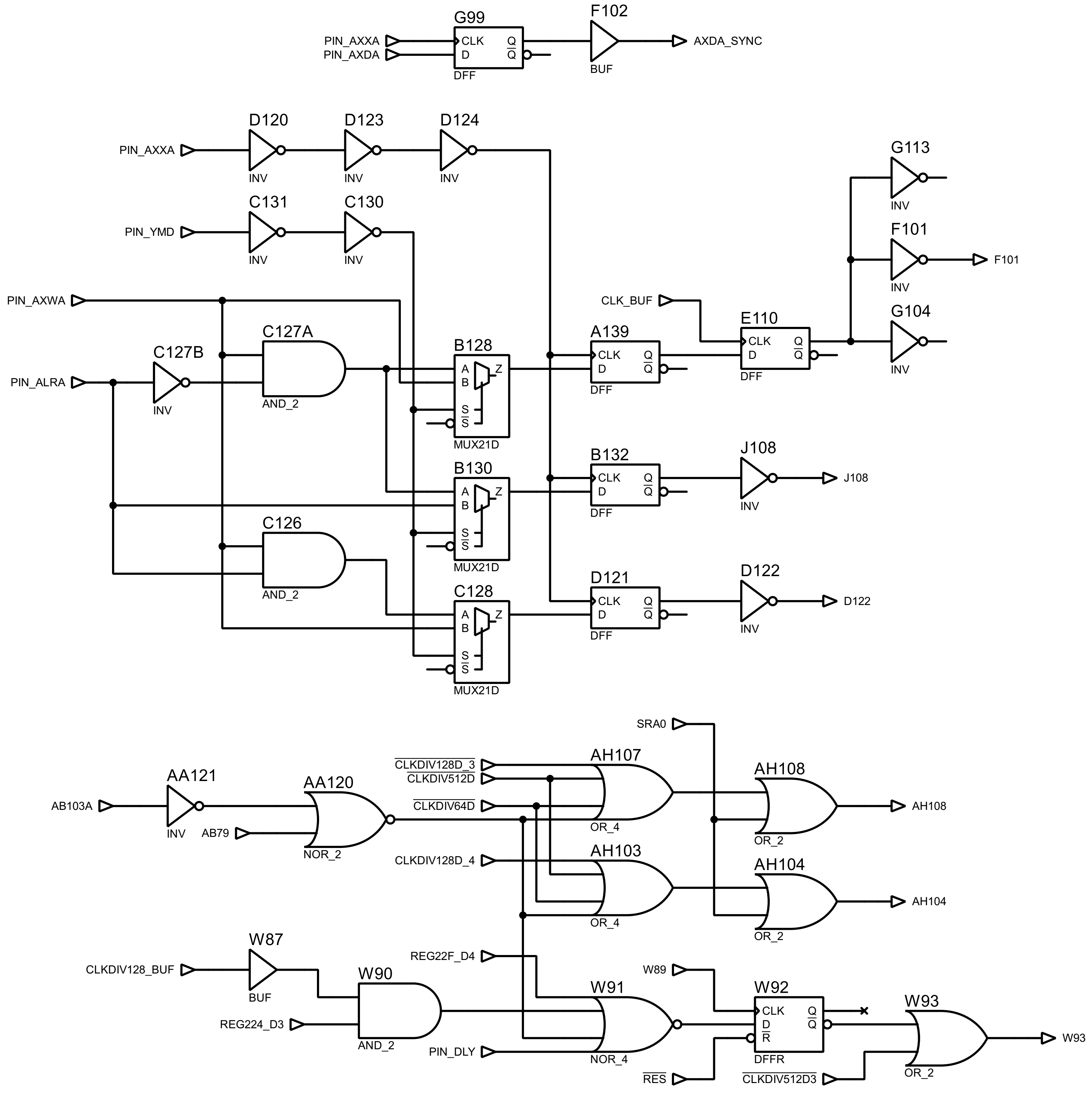
	PAGE:
	23/55
BY: Sean Gonsalves REV: @REV	



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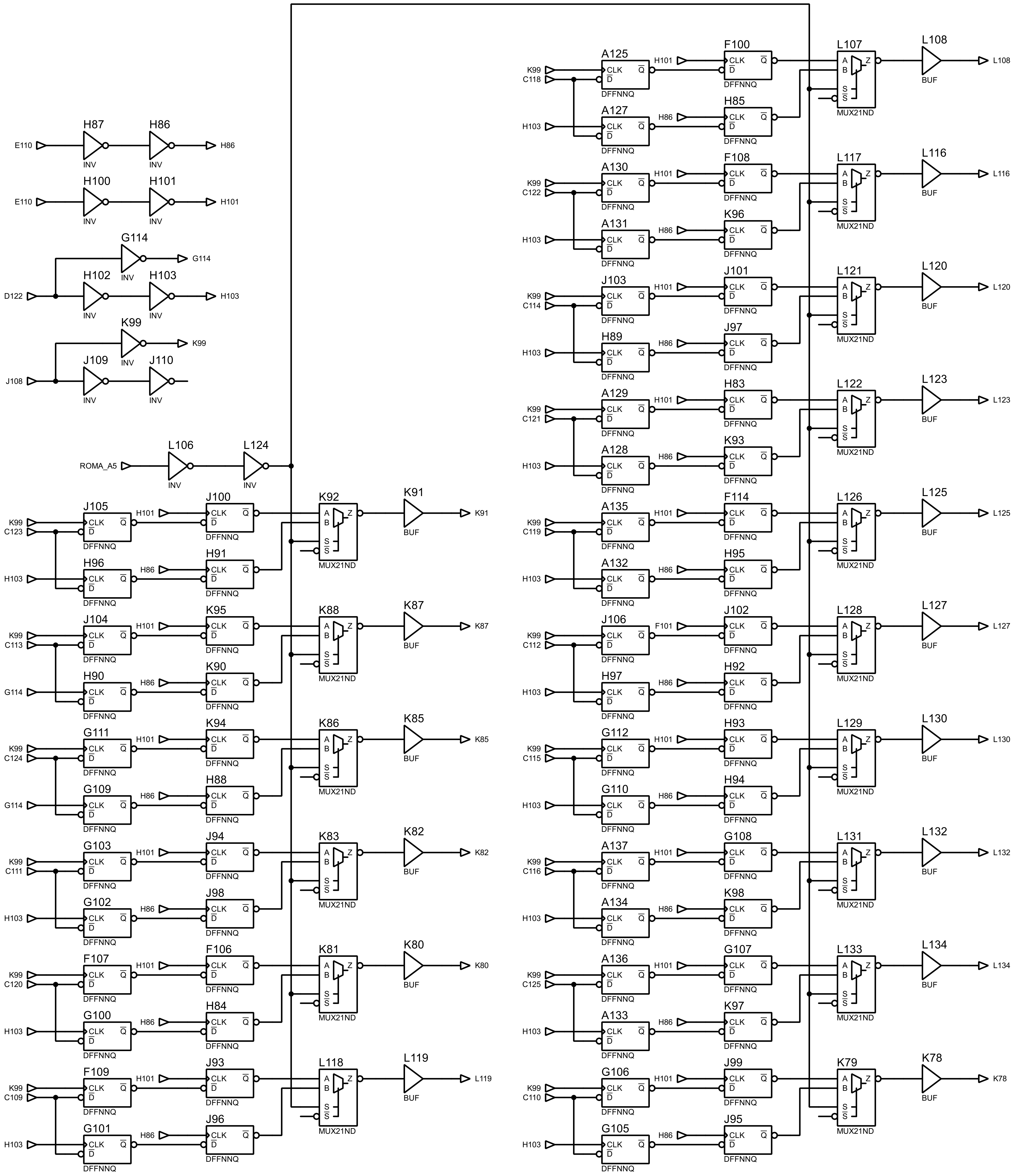
DATE:

9/25/2025

PAGE:

24/55

BY: Sean Gonsalves REV: @REV



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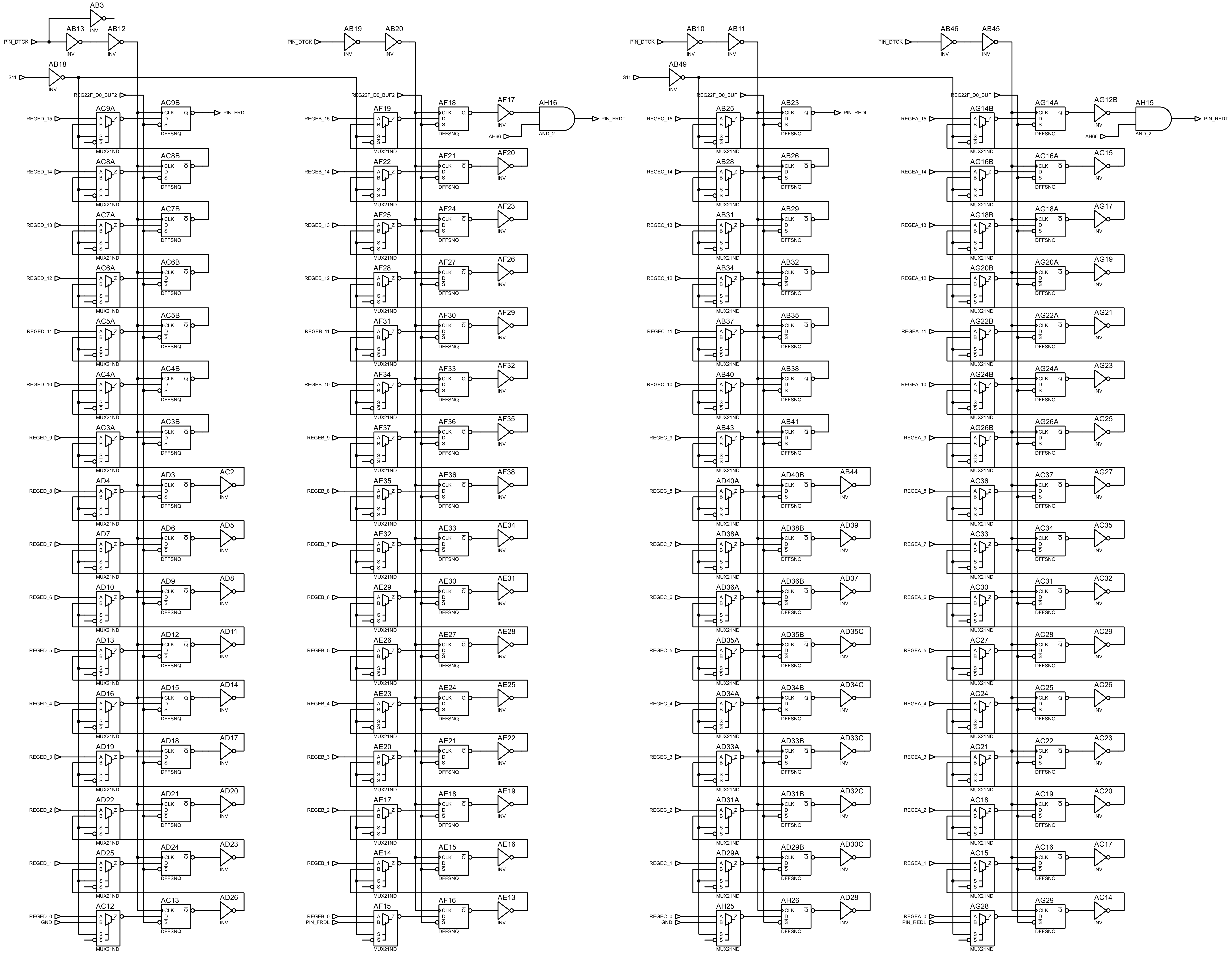
	PAGE:
BY: Sean Gonsalves REV: @REV	25/55



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BY: Sean Gonsalves REV: @REV

DATE:
9/25/2025

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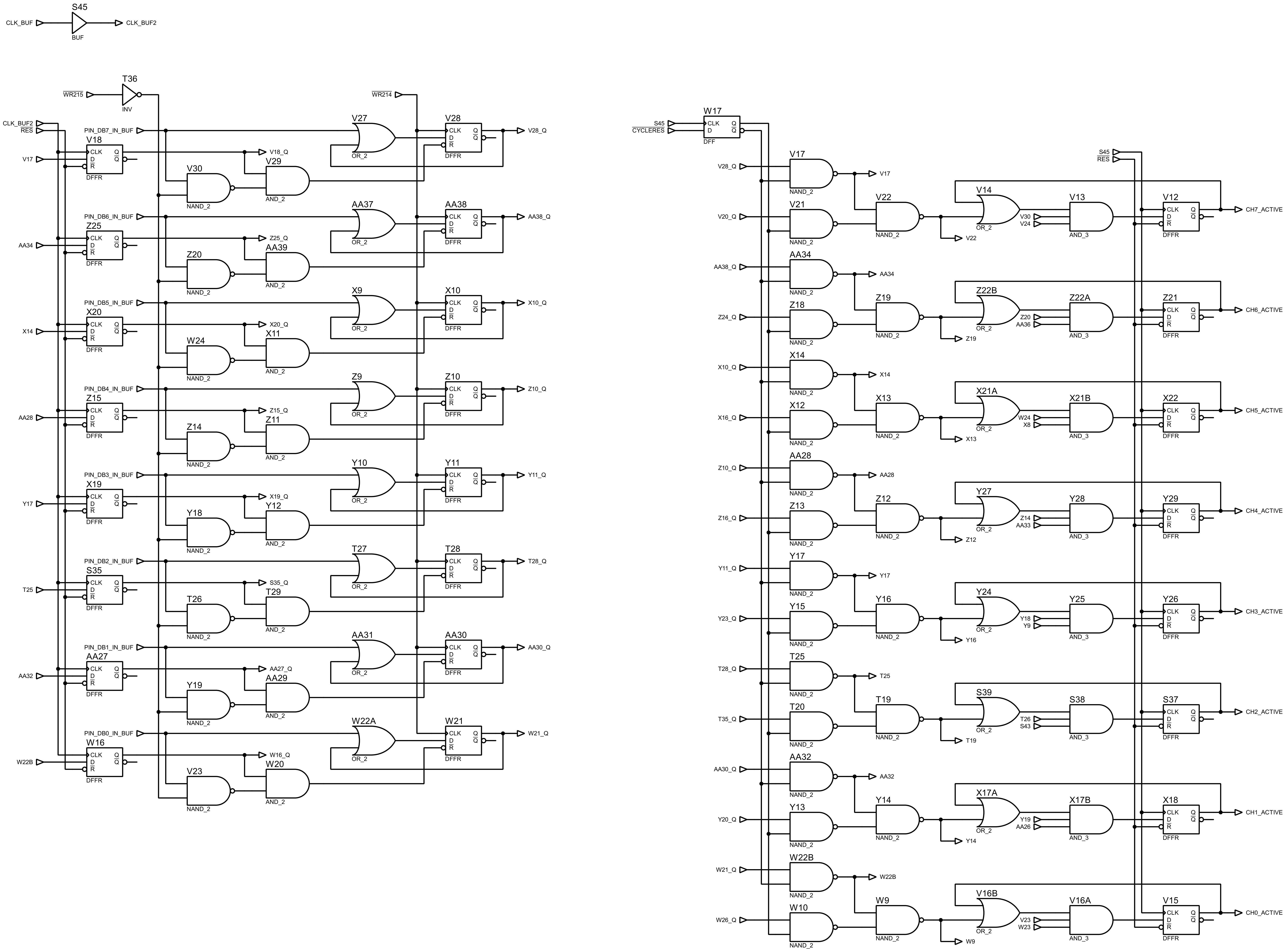

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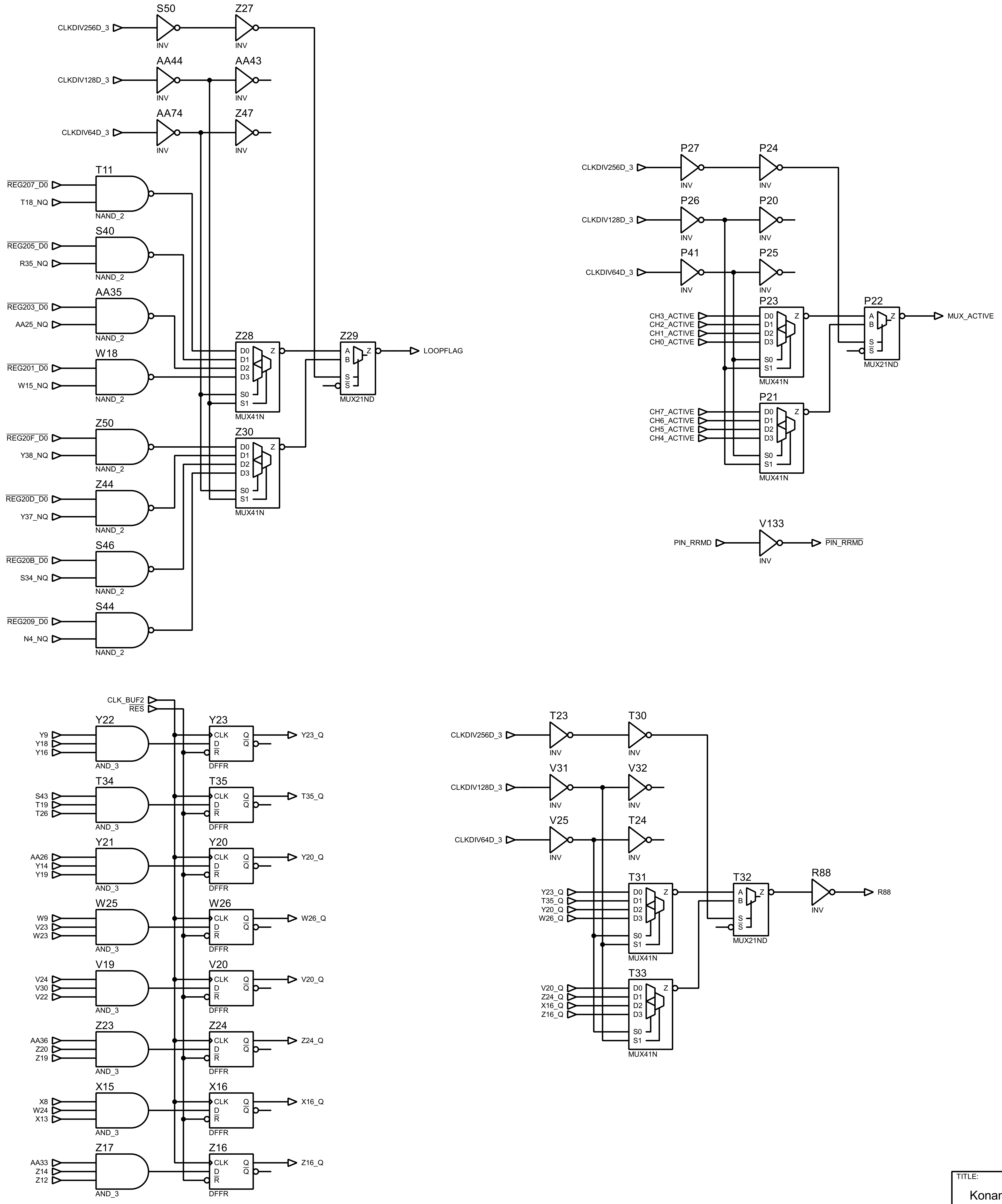
DATE:
9/25/2025

PAGE:
27/55

BY: Sean Gonsalves

REV: @REV



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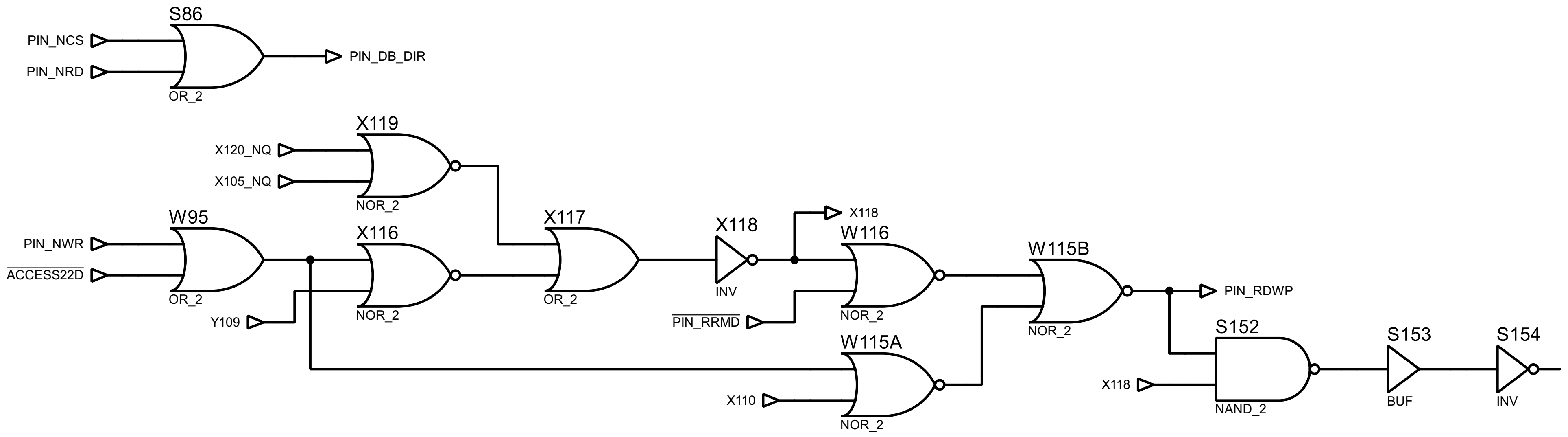
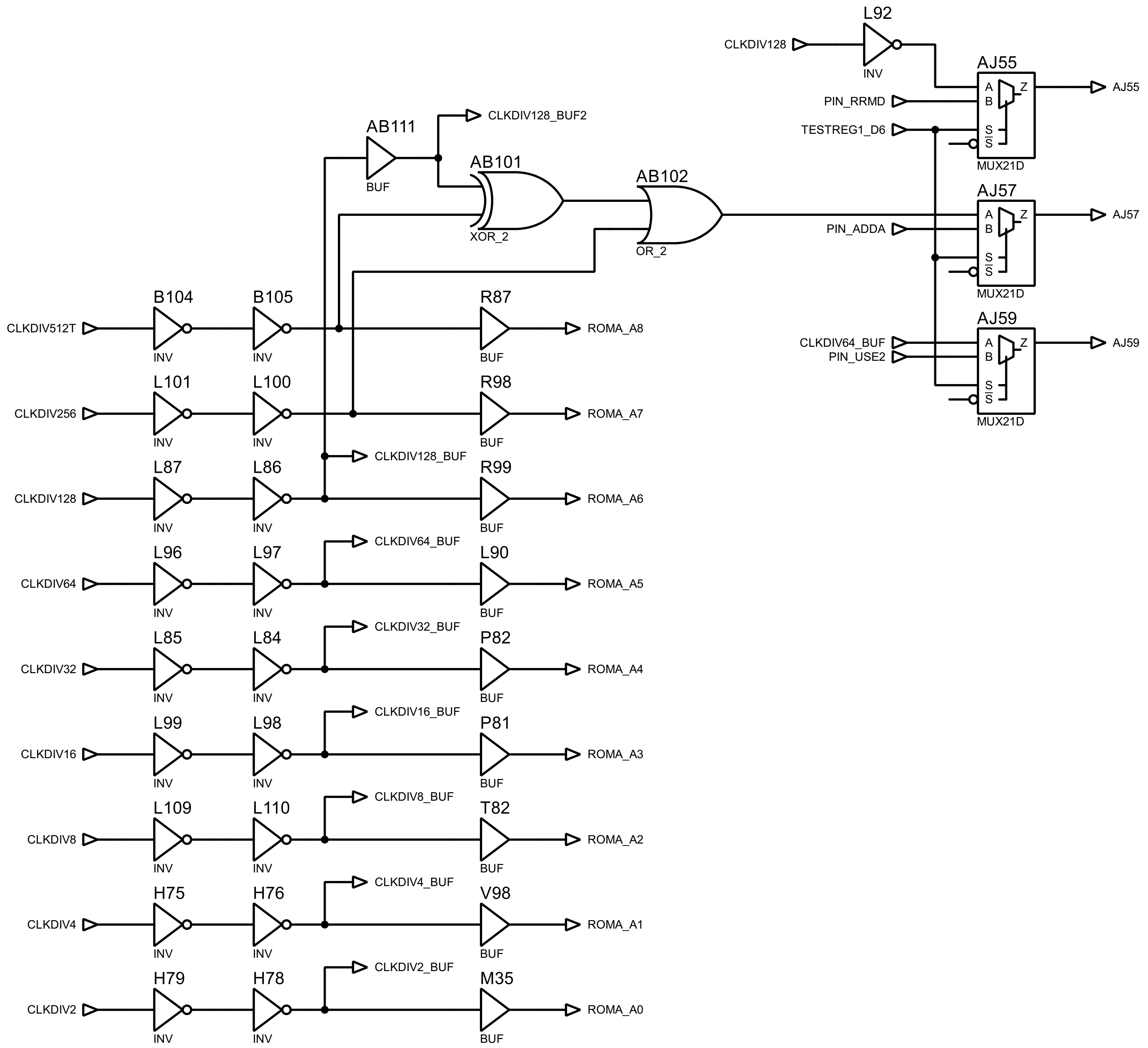
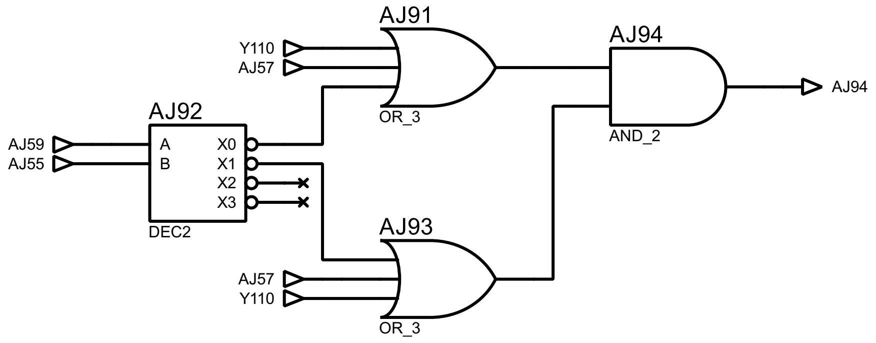
DATE:
9/25/2025

PAGE:
28/55

BY: Sean Gonsalves
REV: @REV







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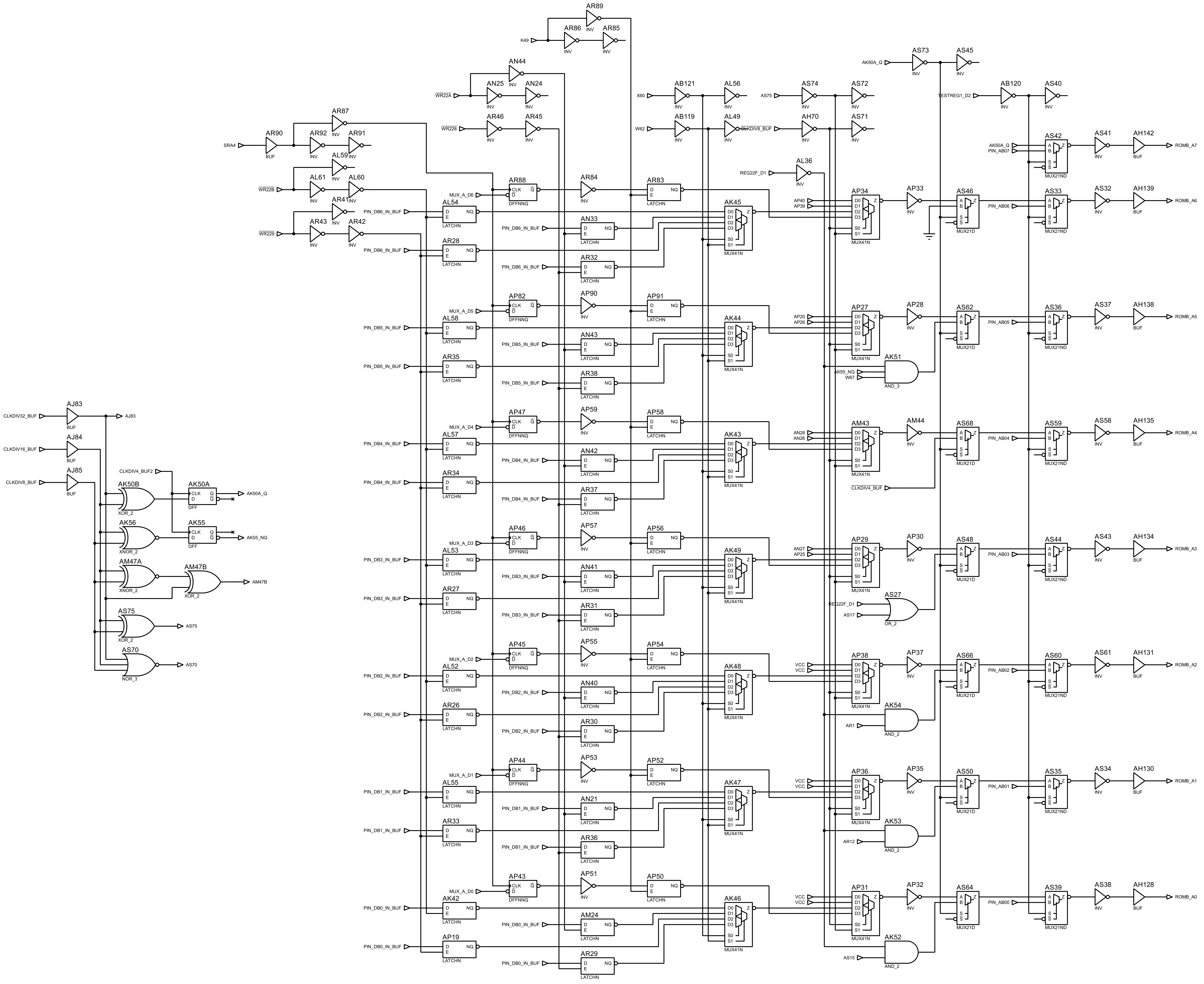
DATE:
9/25/2025

PAGE:
29/55

BY: Sean Gonsalves
REV: @REV



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BY: Sean Gonsalves
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DATE:
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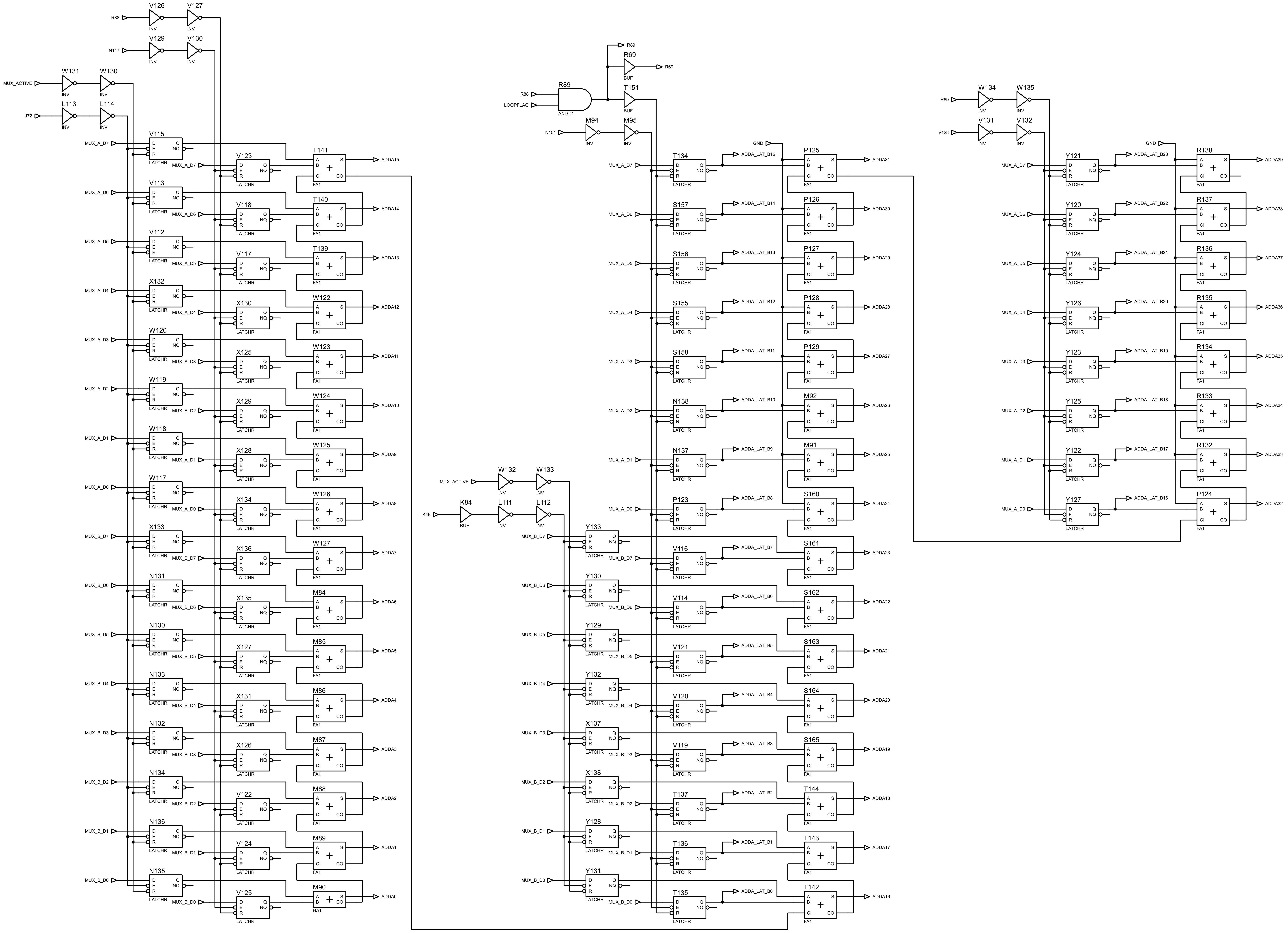
30/55



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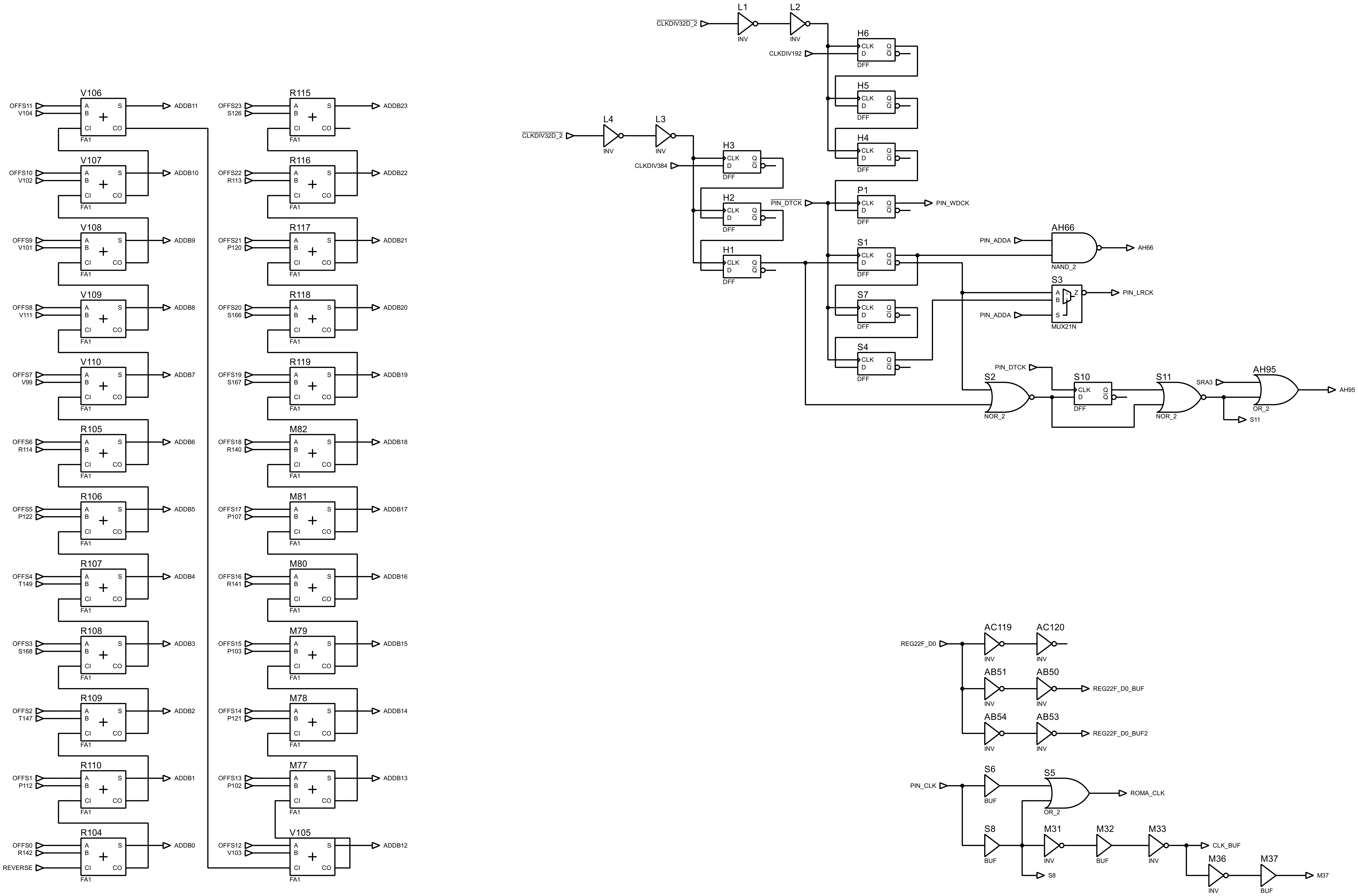
DATE:
9/25/2025

PAGE:
31/55

BY: Sean Gonsalves
REV: @REV



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BY: Sean Gonsalves
REV: @REV

DATE:
9/25/2025

PAGE:
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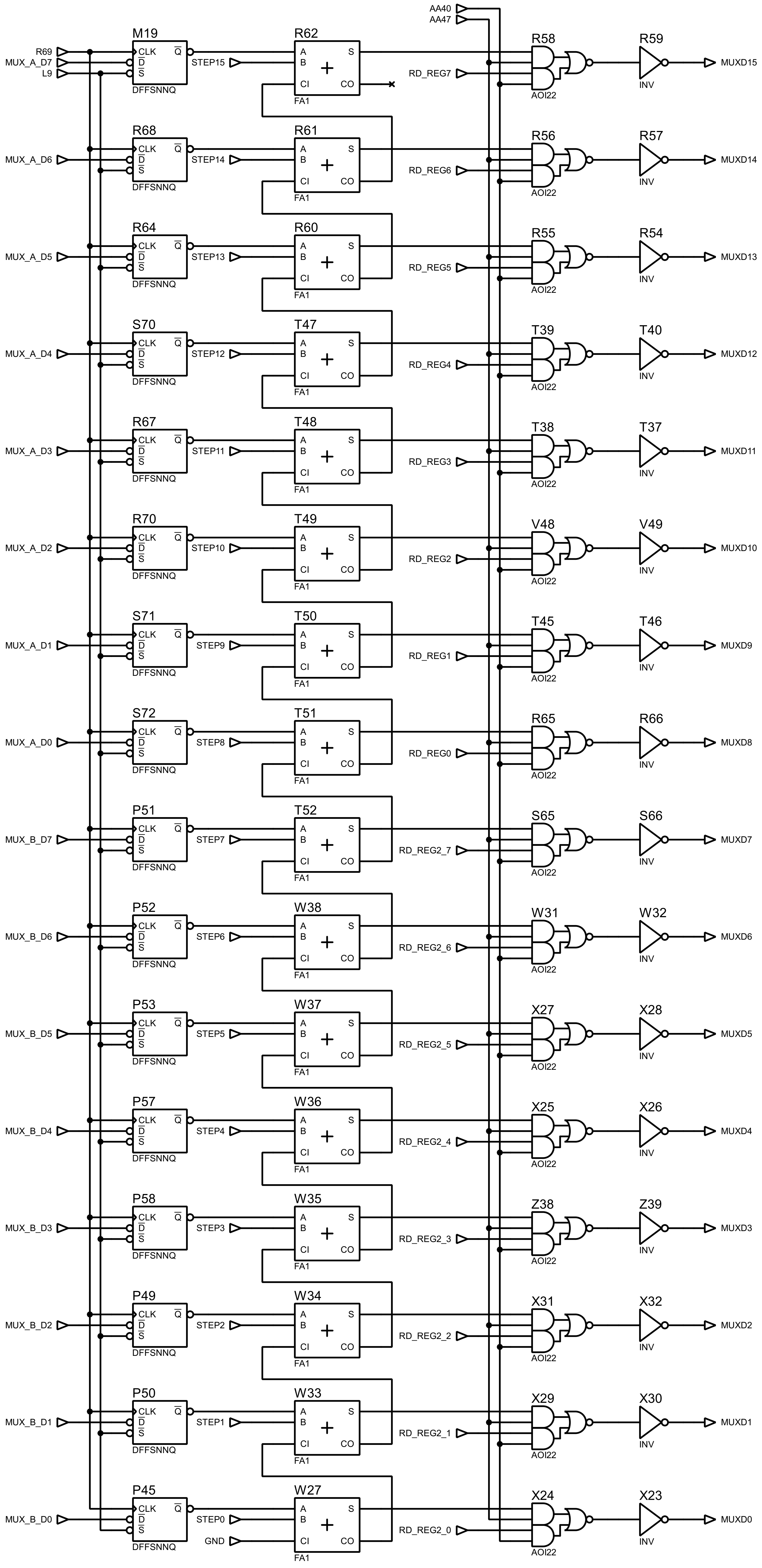
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L9
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R68 DFFSNNQ MUX_A_D6 STEP14 R61 FA1 R56 AOI22 RD_REG6 R57 INV MUXD14
R64 DFFSNNQ MUX_A_D5 STEP13 R60 FA1 R55 AOI22 RD_REG5 R54 INV MUXD13
S70 DFFSNNQ MUX_A_D4 STEP12 T47 FA1 T39 AOI22 RD_REG4 T40 INV MUXD12
R67 DFFSNNQ MUX_A_D3 STEP11 T48 FA1 T38 AOI22 RD_REG3 T37 INV MUXD11
R70 DFFSNNQ MUX_A_D2 STEP10 T49 FA1 V48 AOI22 RD_REG2 V49 INV MUXD10
S71 DFFSNNQ MUX_A_D1 STEP9 T50 FA1 T45 AOI22 RD_REG1 T46 INV MUXD9
S72 DFFSNNQ MUX_A_D0 STEP8 T51 FA1 R65 AOI22 RD_REG0 R66 INV MUXD8
P51 DFFSNNQ MUX_B_D7 STEP7 T52 FA1 S65 AOI22 RD_REG2_7 S66 INV MUXD7
P52 DFFSNNQ MUX_B_D6 STEP6 W38 FA1 W31 AOI22 RD_REG2_6 W32 INV MUXD6
P53 DFFSNNQ MUX_B_D5 STEP5 W37 FA1 X27 AOI22 RD_REG2_5 X28 INV MUXD5
P57 DFFSNNQ MUX_B_D4 STEP4 W36 FA1 X25 AOI22 RD_REG2_4 X26 INV MUXD4
P58 DFFSNNQ MUX_B_D3 STEP3 W35 FA1 Z38 AOI22 RD_REG2_3 Z39 INV MUXD3
P49 DFFSNNQ MUX_B_D2 STEP2 W34 FA1 X31 AOI22 RD_REG2_2 X32 INV MUXD2
P50 DFFSNNQ MUX_B_D1 STEP1 W33 FA1 X29 AOI22 RD_REG2_1 X30 INV MUXD1
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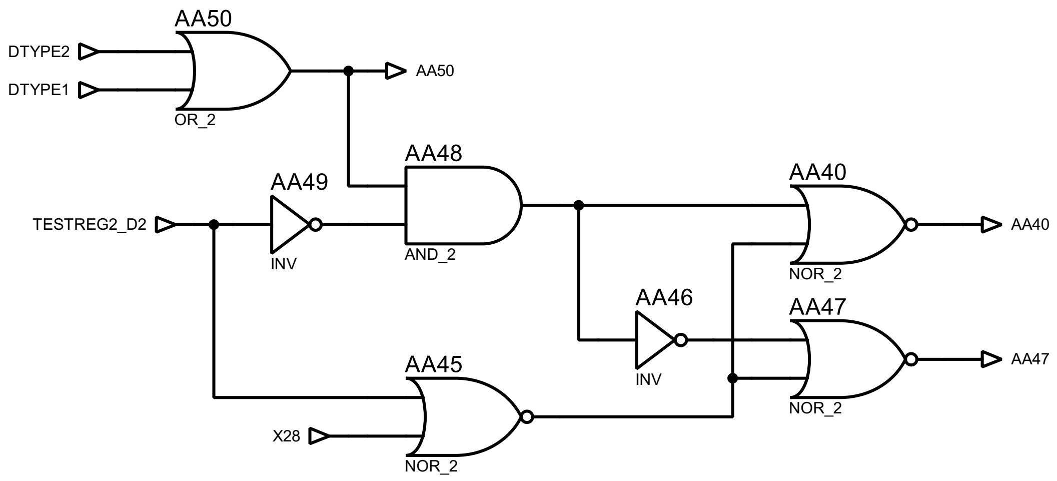

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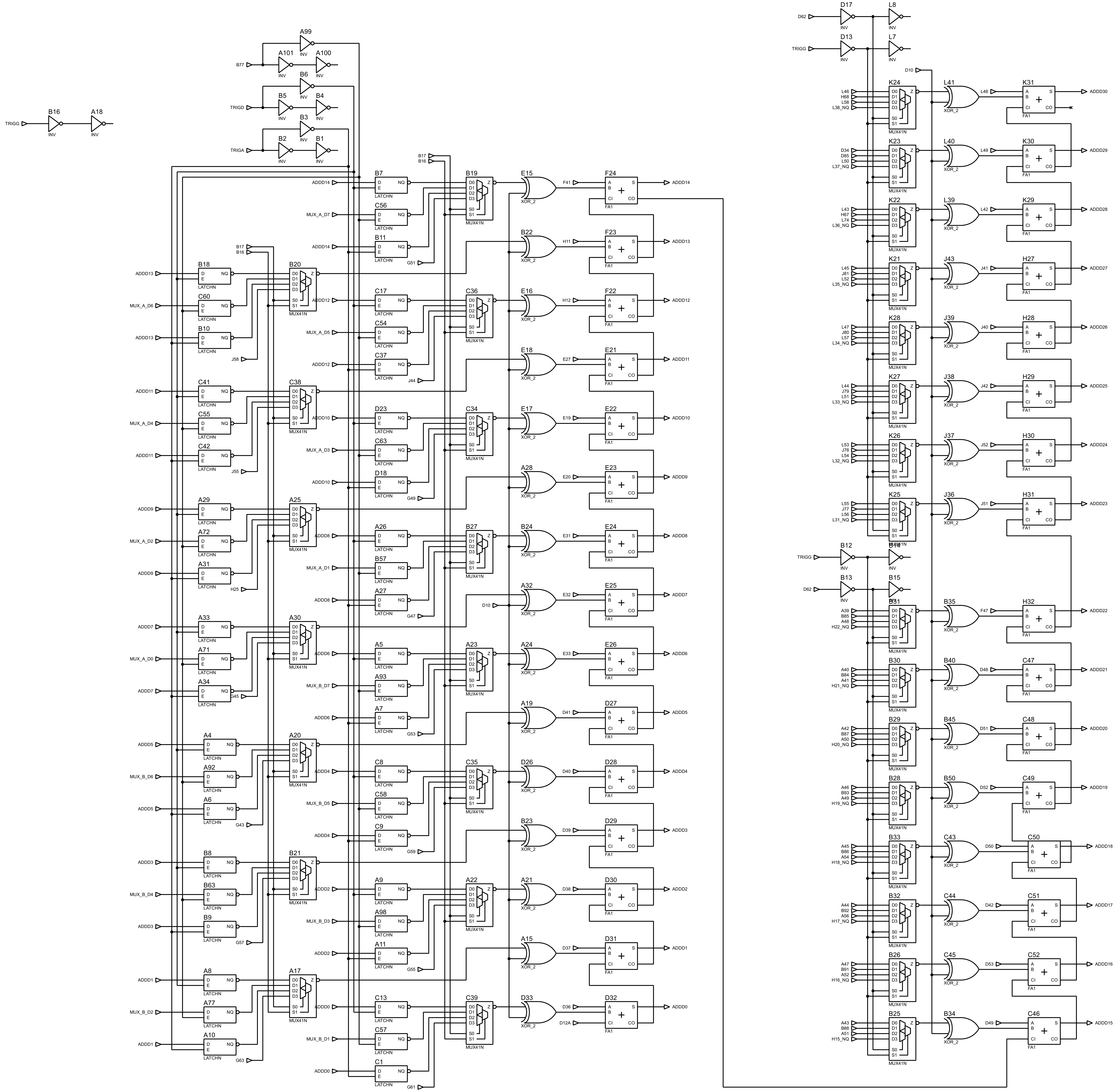
BY: Sean Gonsalves
REV: @REV
DATE:
9/25/2025
PAGE:
33/55



TITLE:
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ADDER D

DATE:
9/25/2025

PAGE:
34/55

BY: Sean Gonsalves

REV: @REV

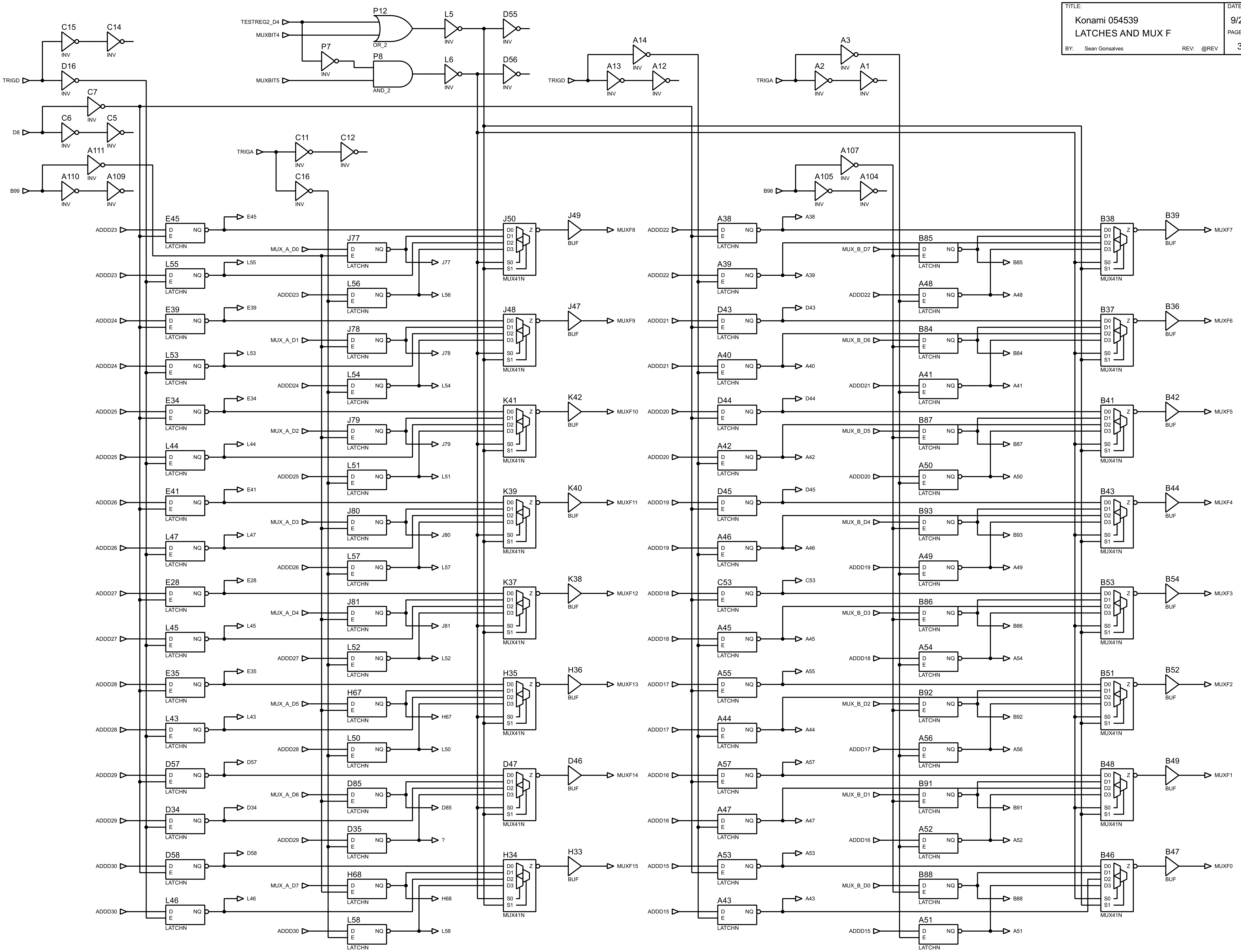
TITLE:
Konami 054539
LATCHES AND MUX F

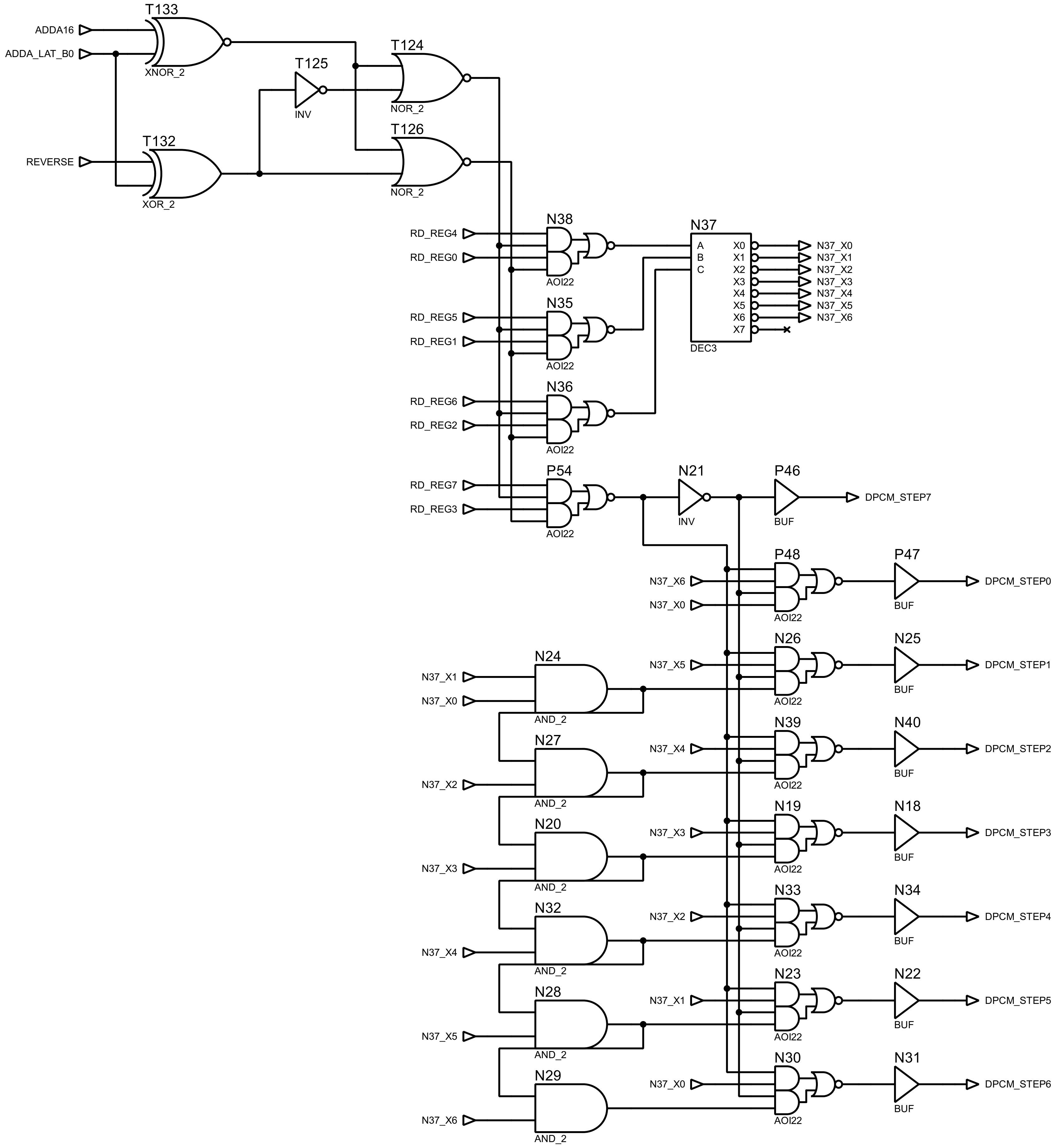
DATE:
9/25/2025

PAGE:
35/55

BY: Sean Gonsalves

REV: @REV





TITLE:

Konami 054539

DPCM STEP

DATE:

9/25/2025

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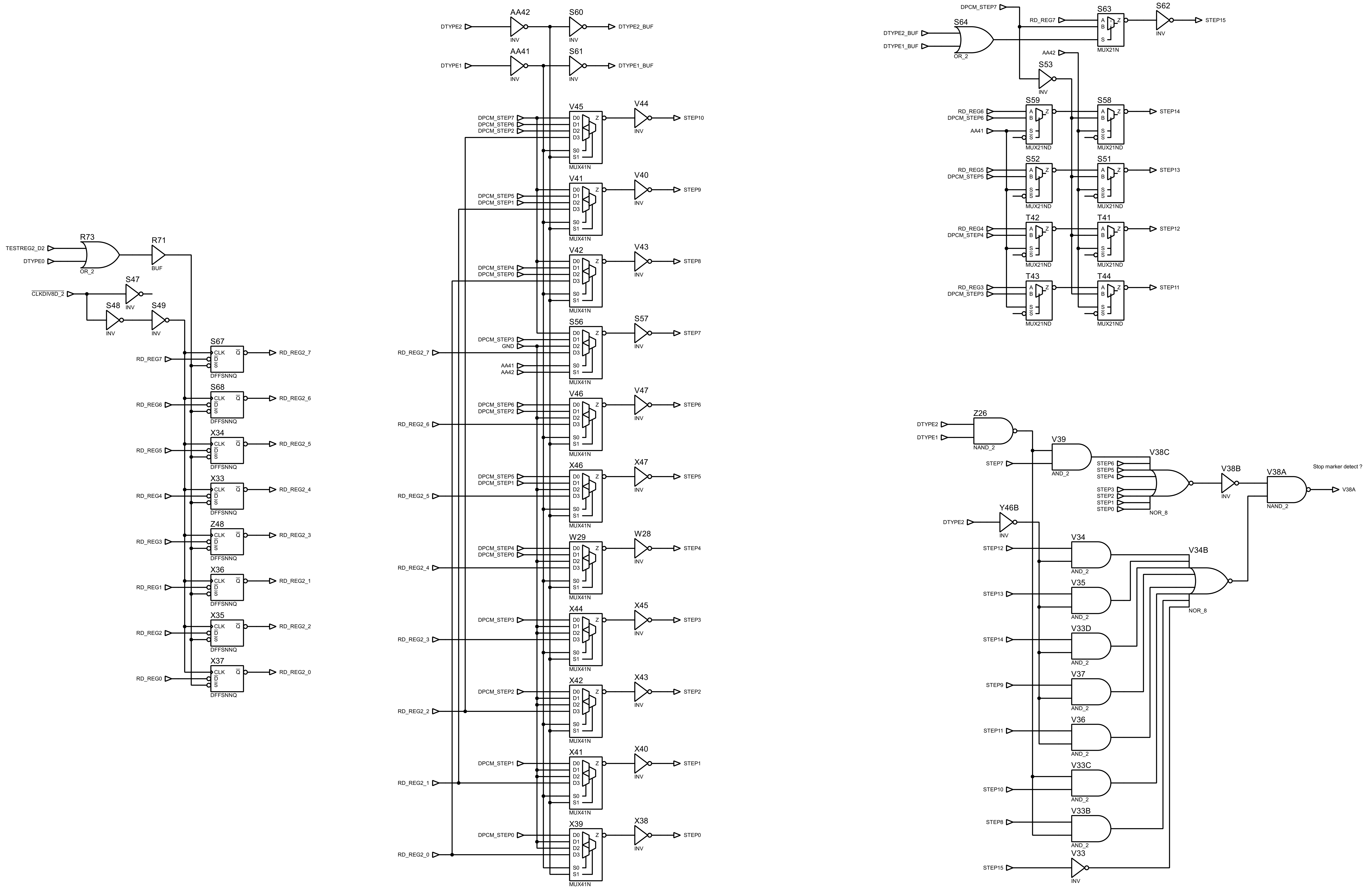
36/55

BY: Sean Gonsalves

REV: @REV



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BY: Sean Gonsalves

REV: @REV

DATE:

9/25/2025

PAGE:

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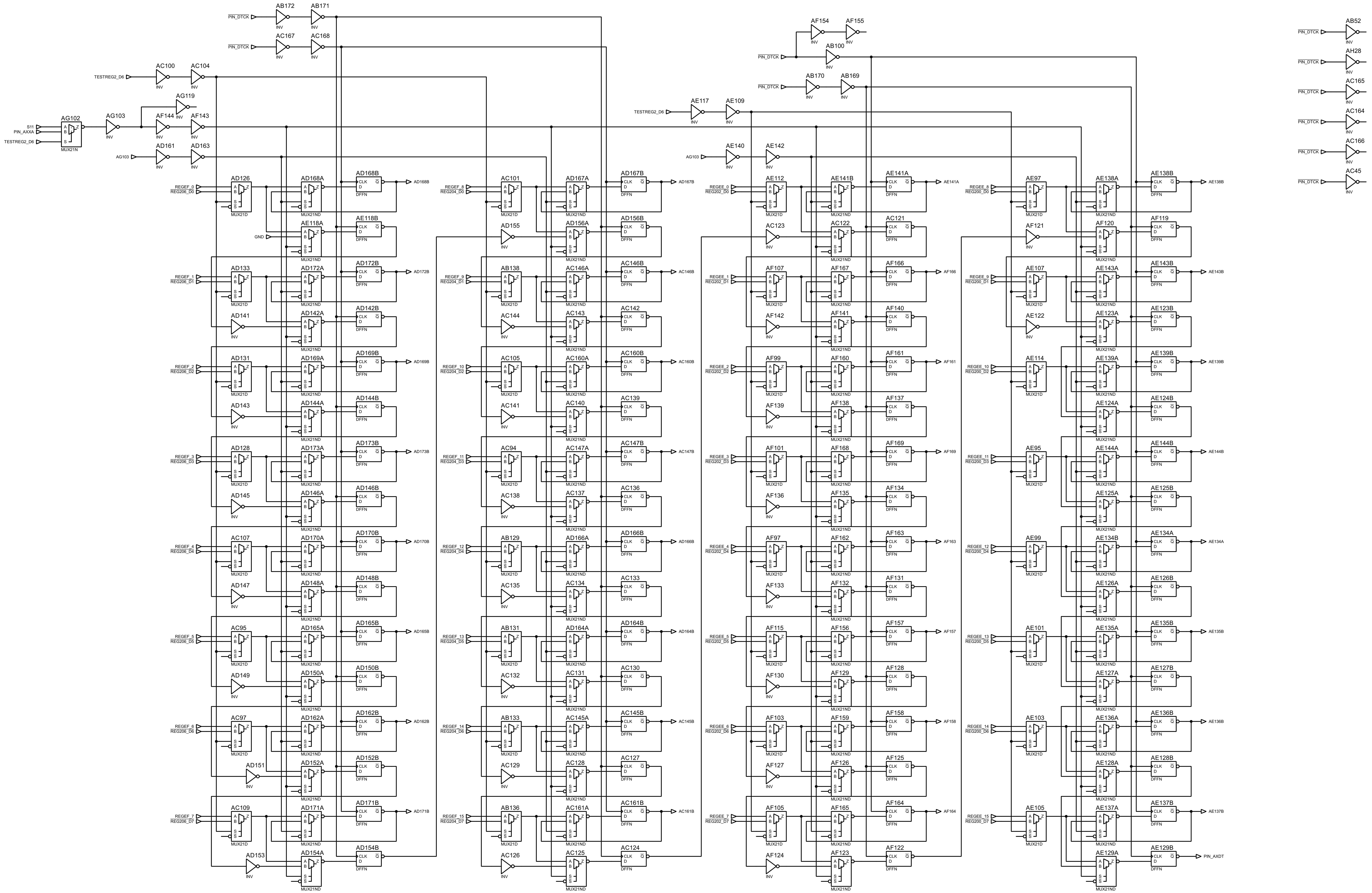

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DATE:

9/25/2025

PAGE:

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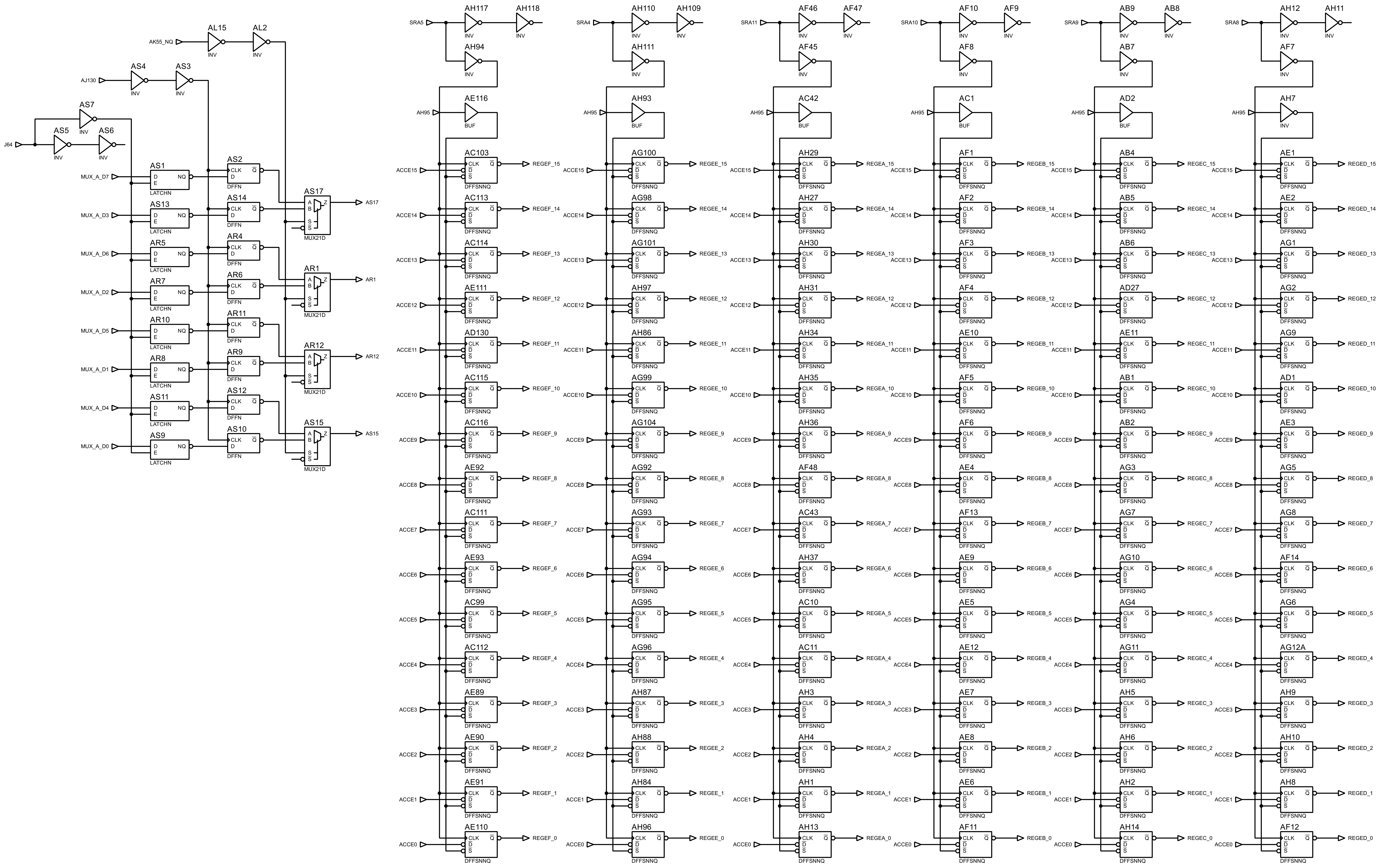

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BY: Sean Gonsalves

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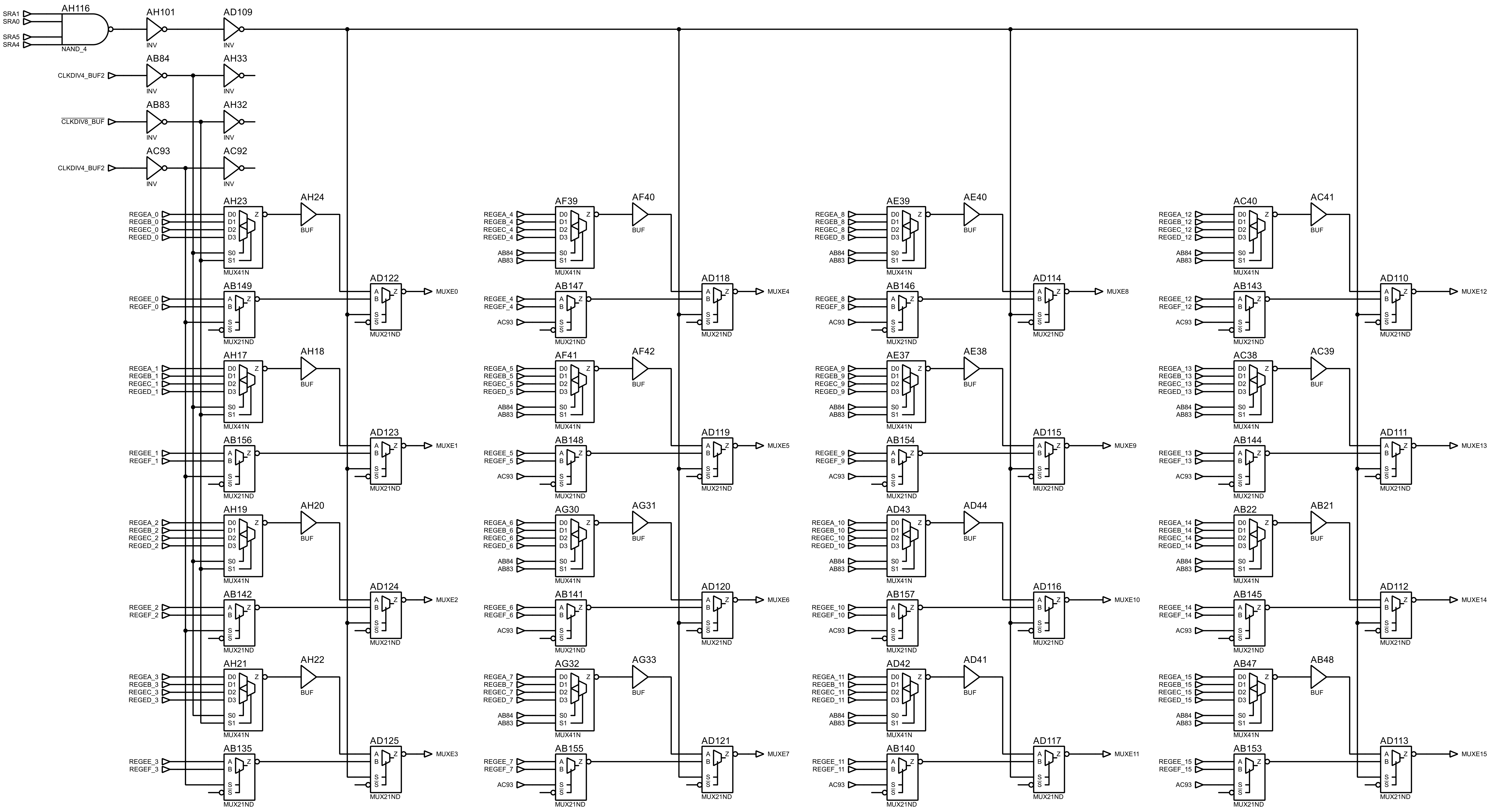

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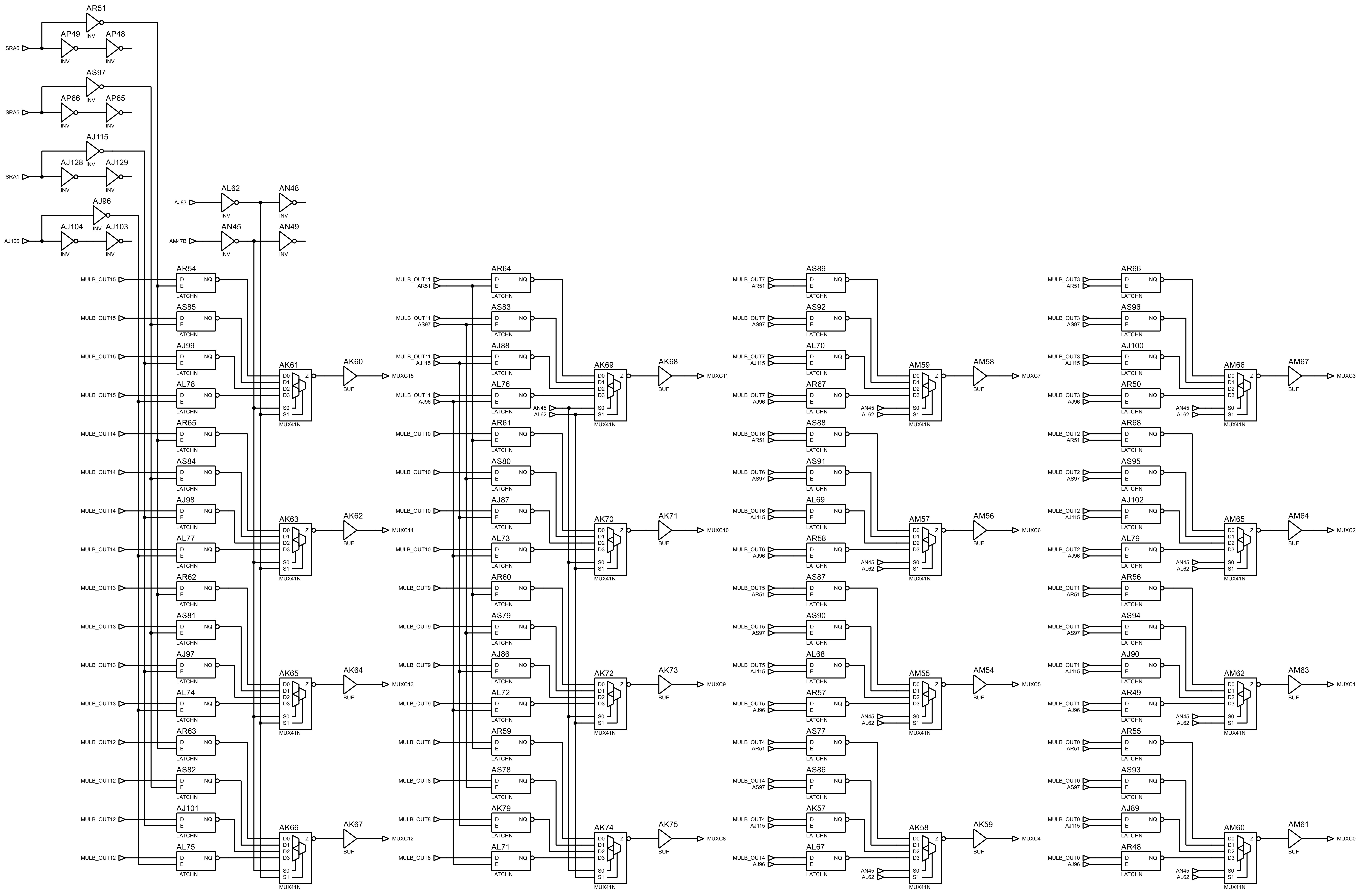
BY: Sean Gonsalves
REV: @REV



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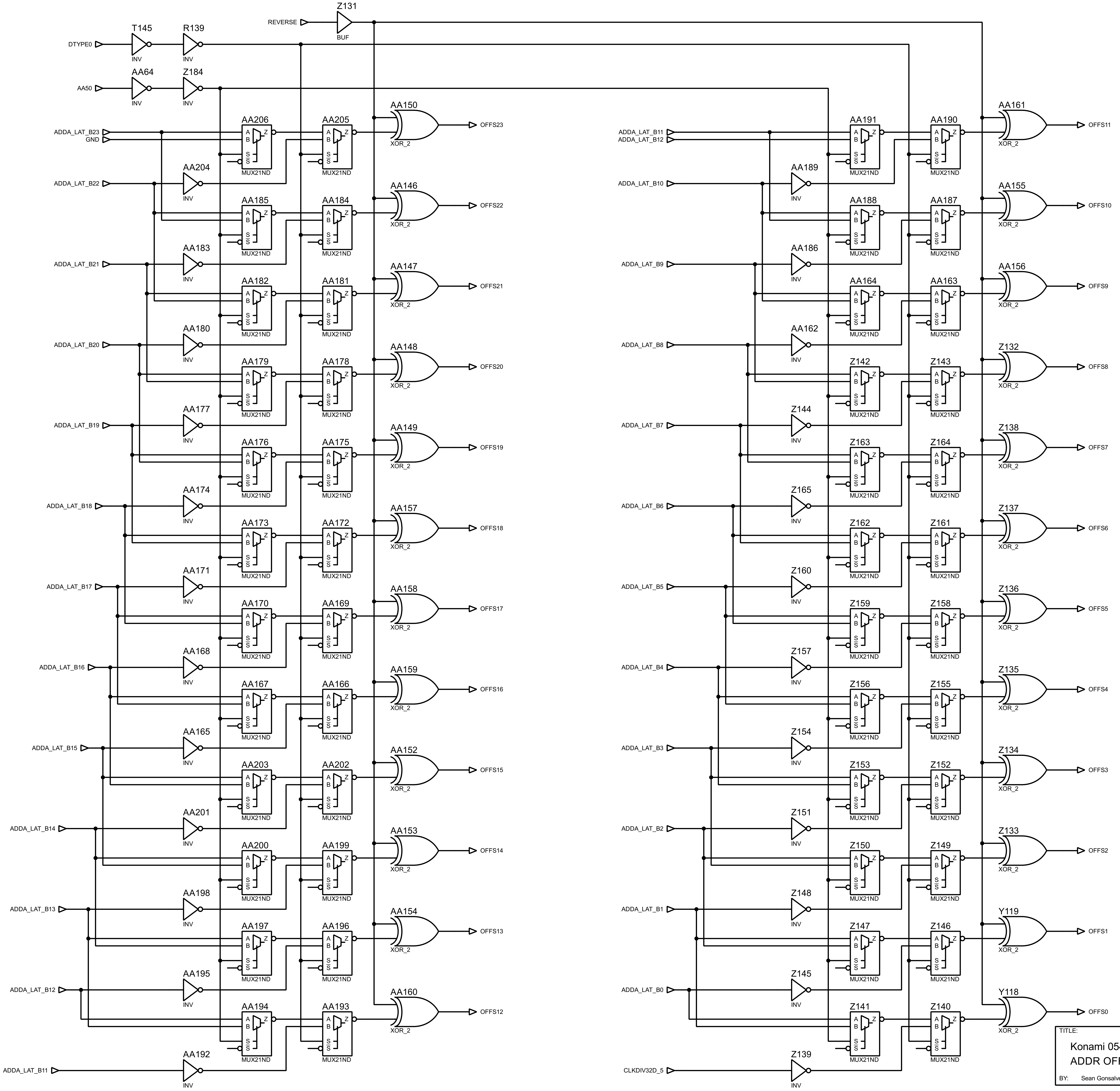

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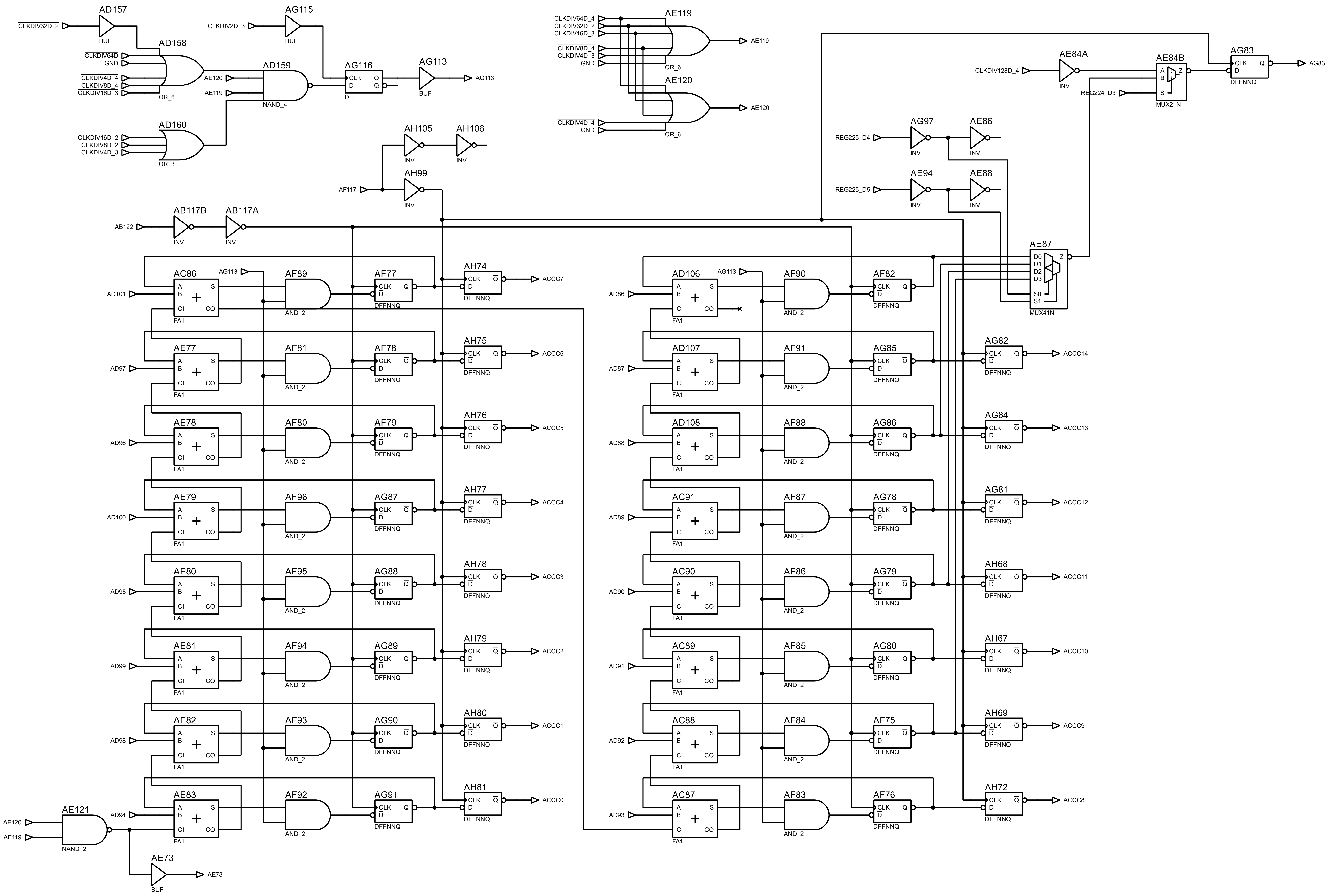
REV: @REV



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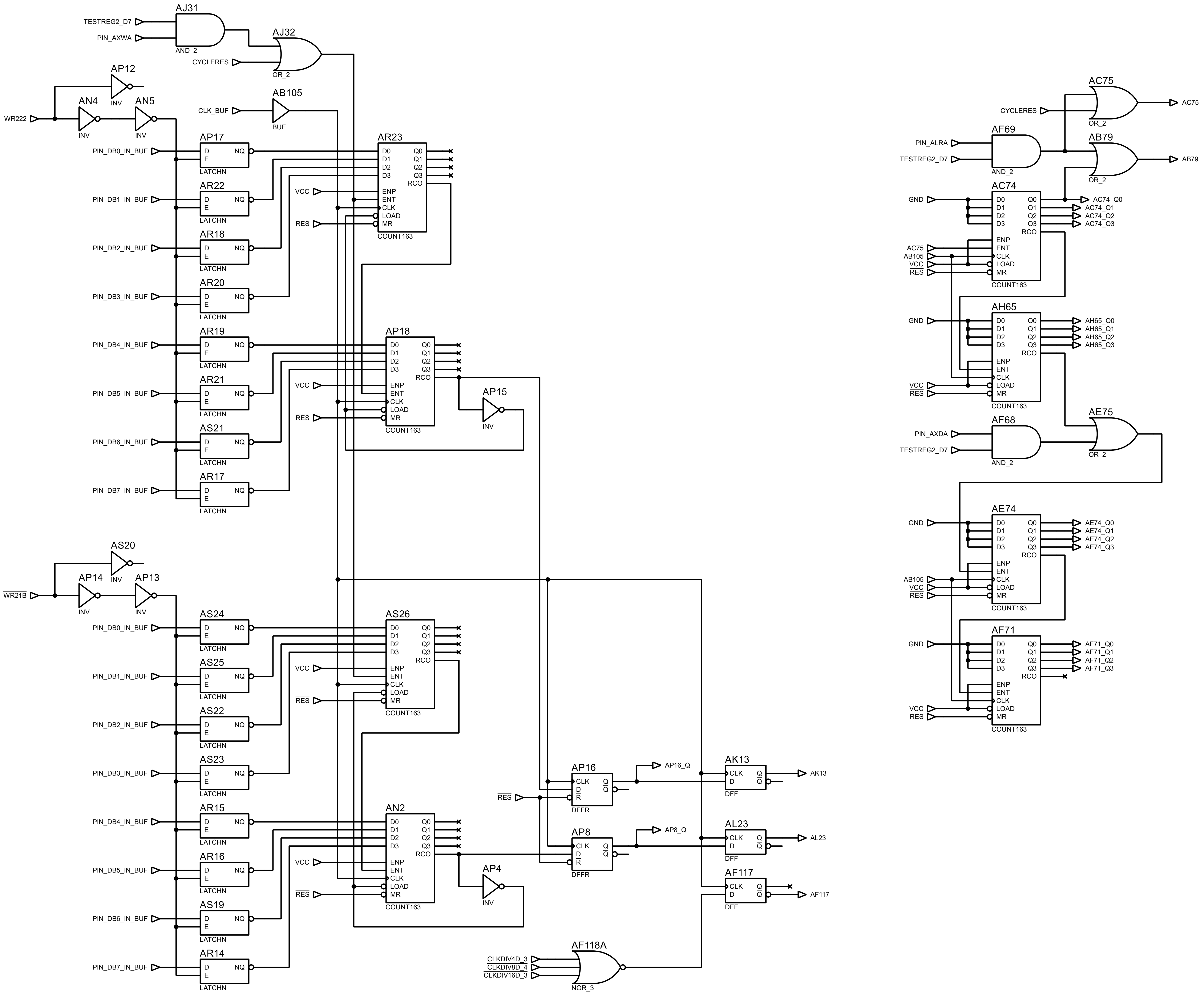

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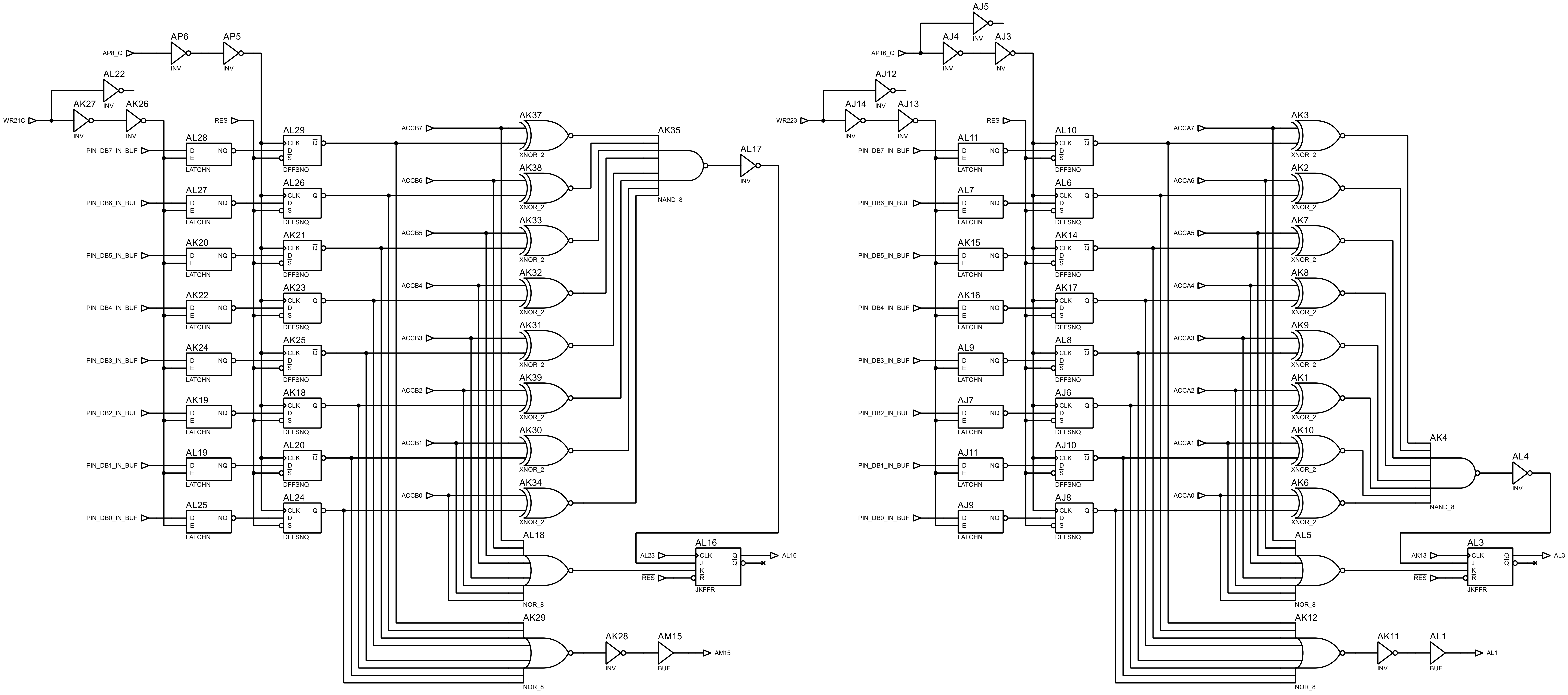

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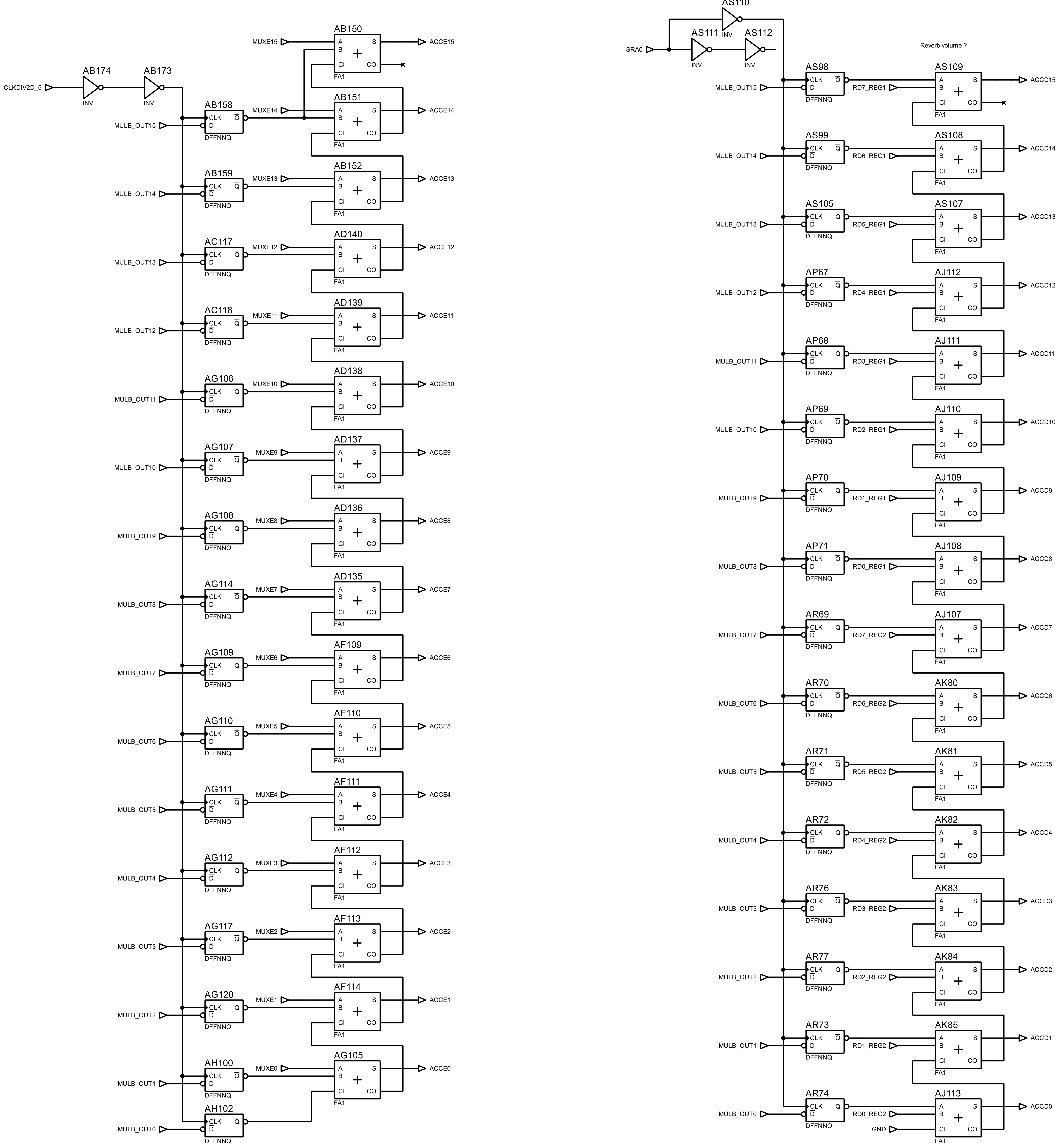

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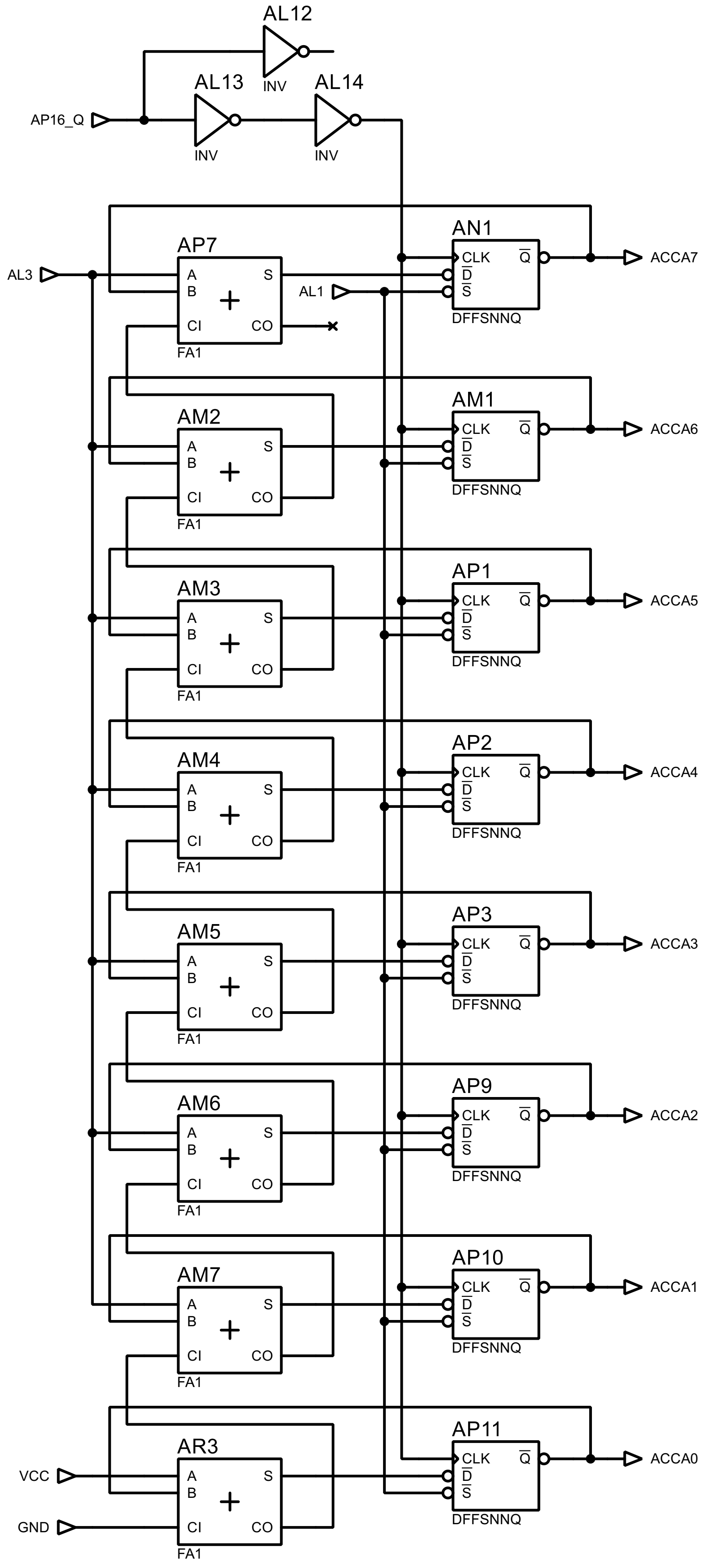

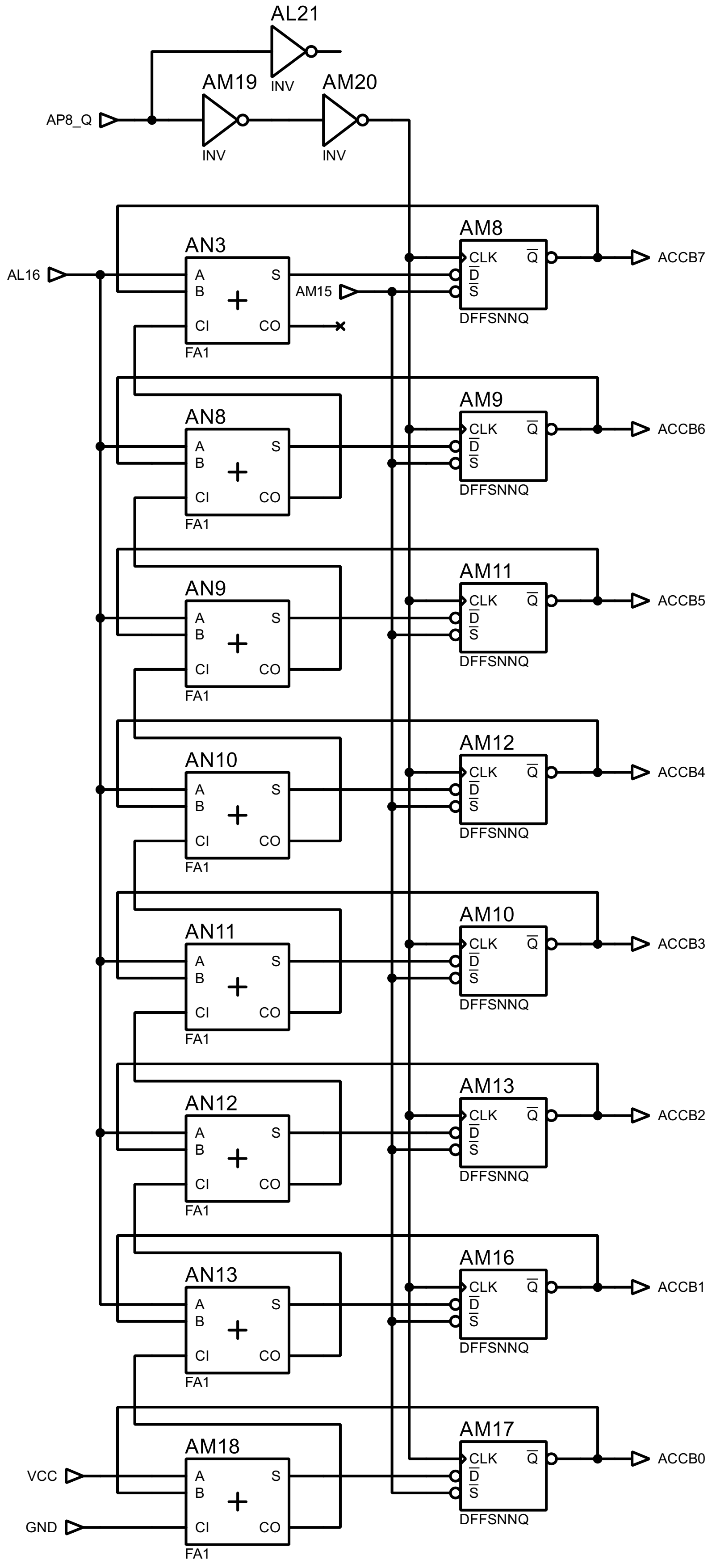

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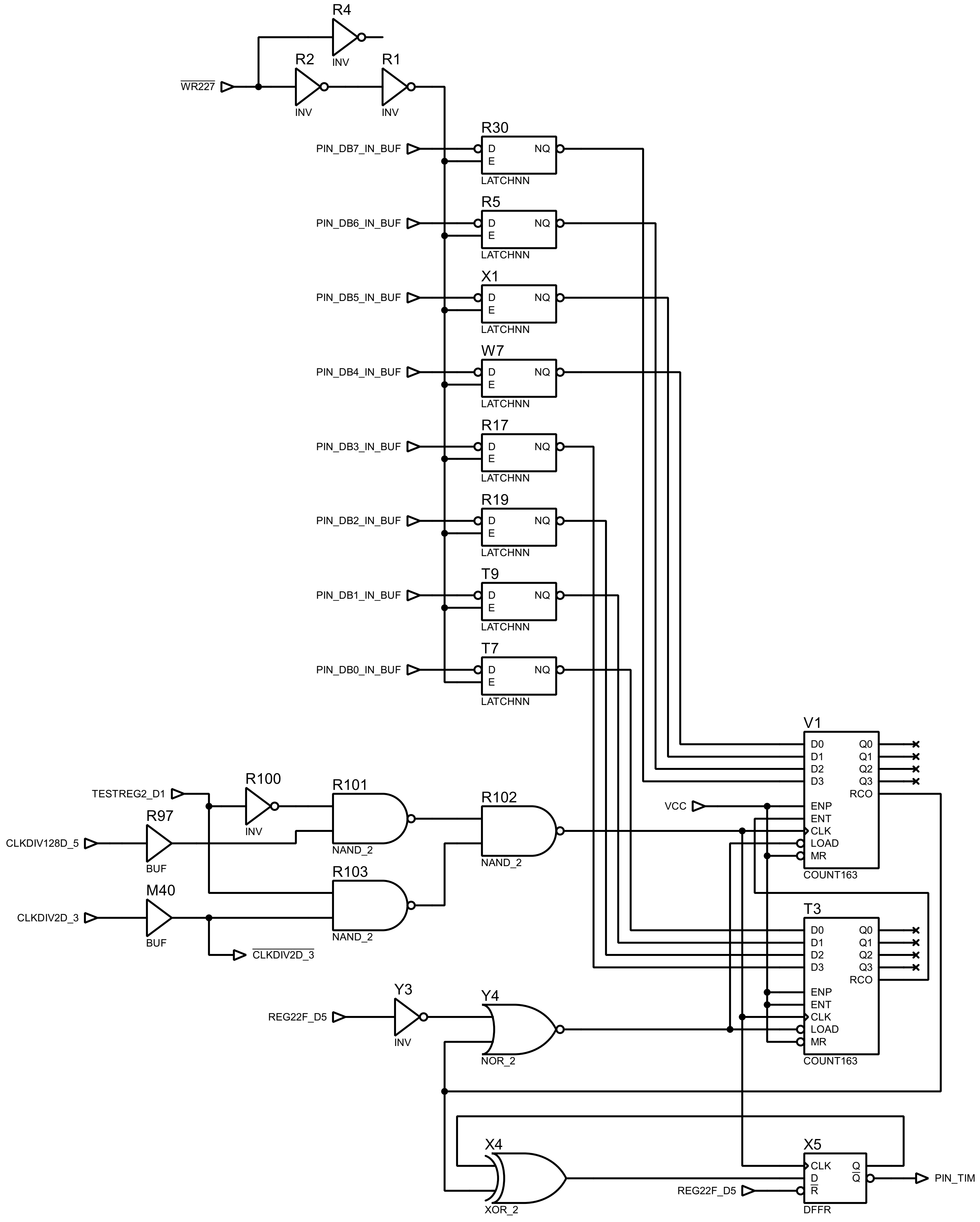

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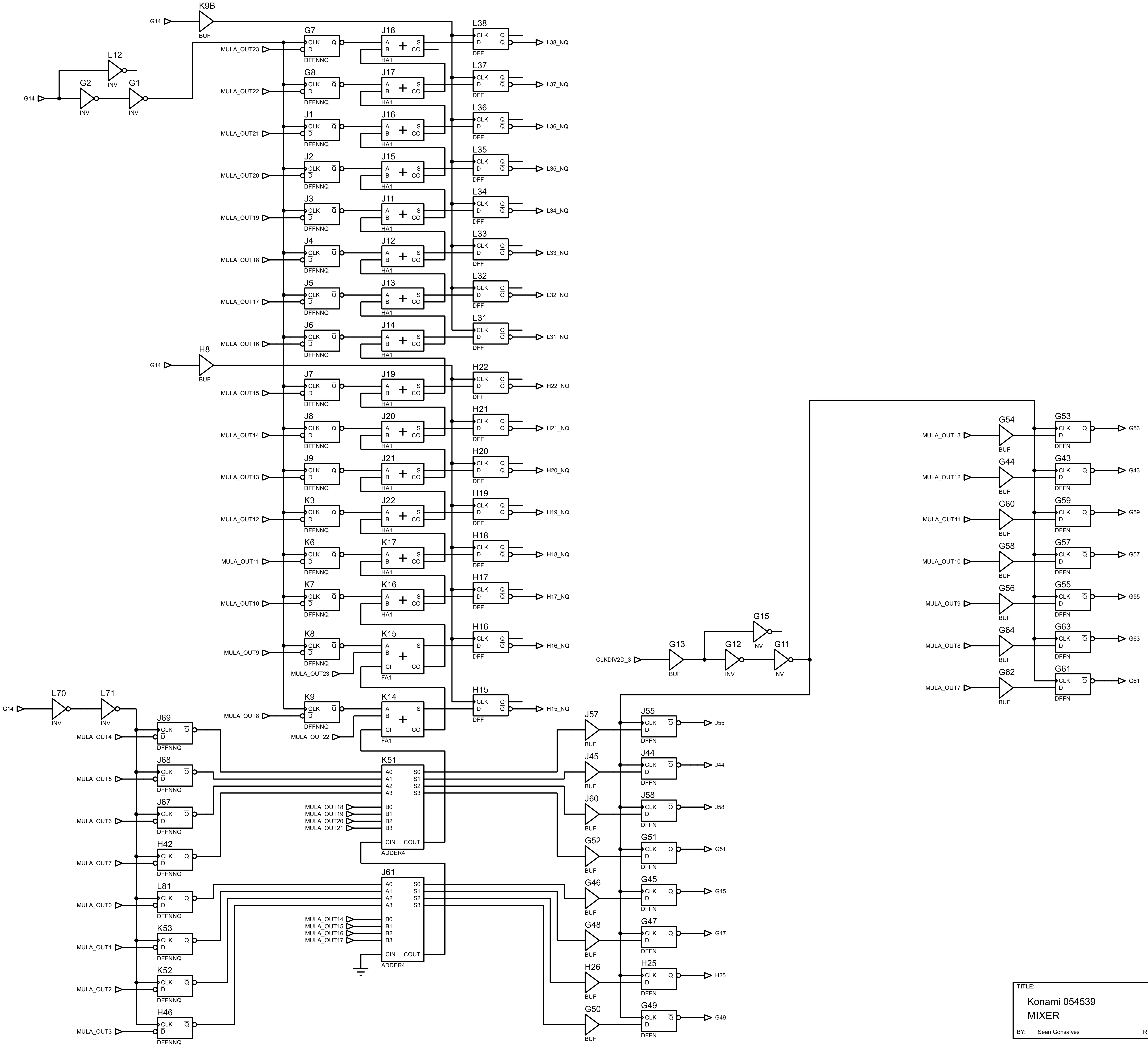

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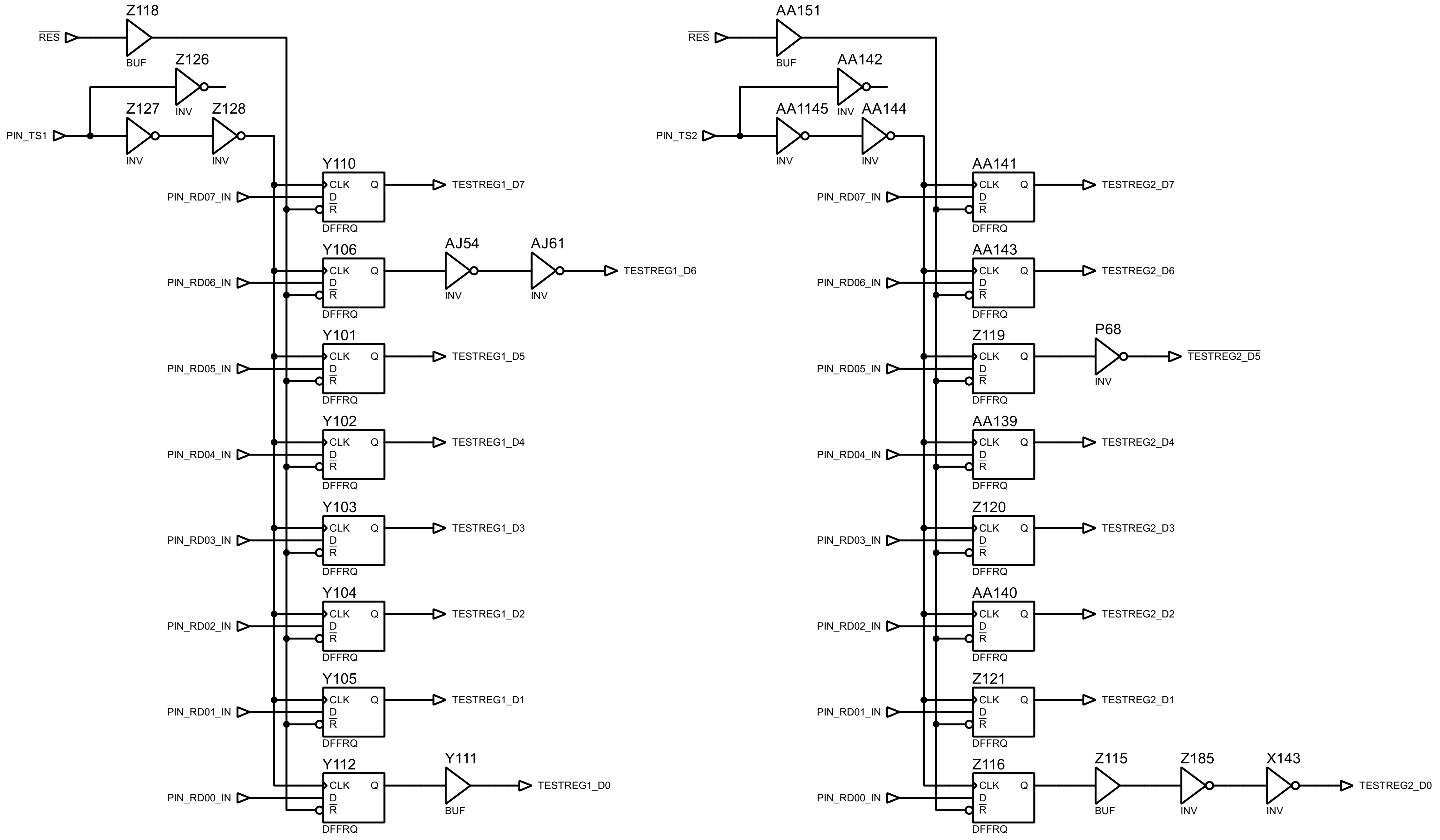

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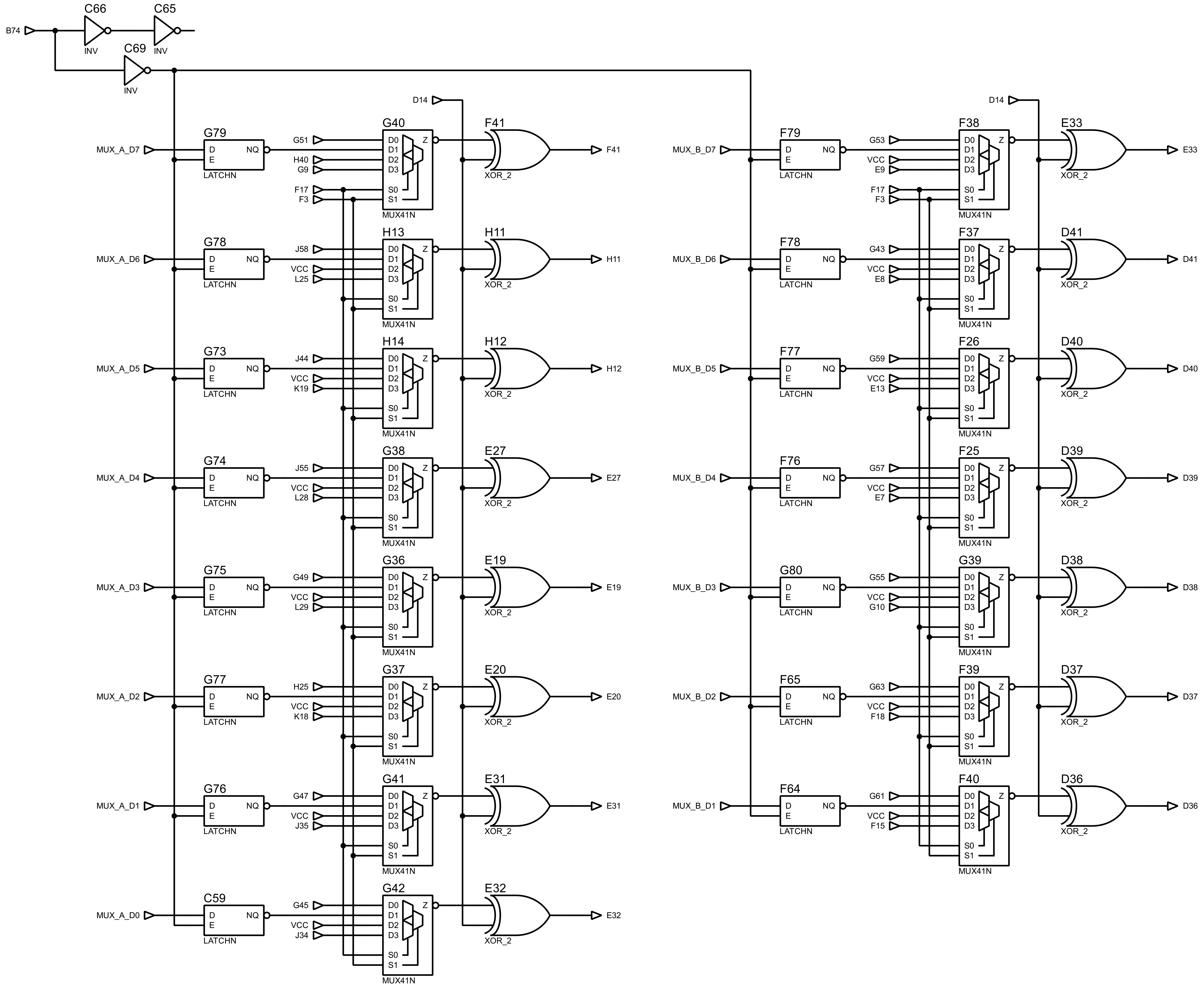

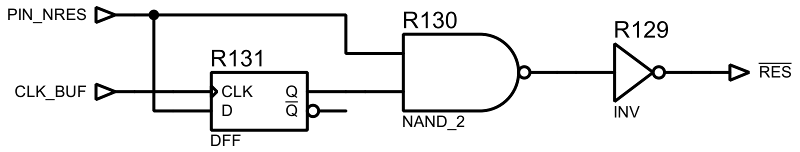

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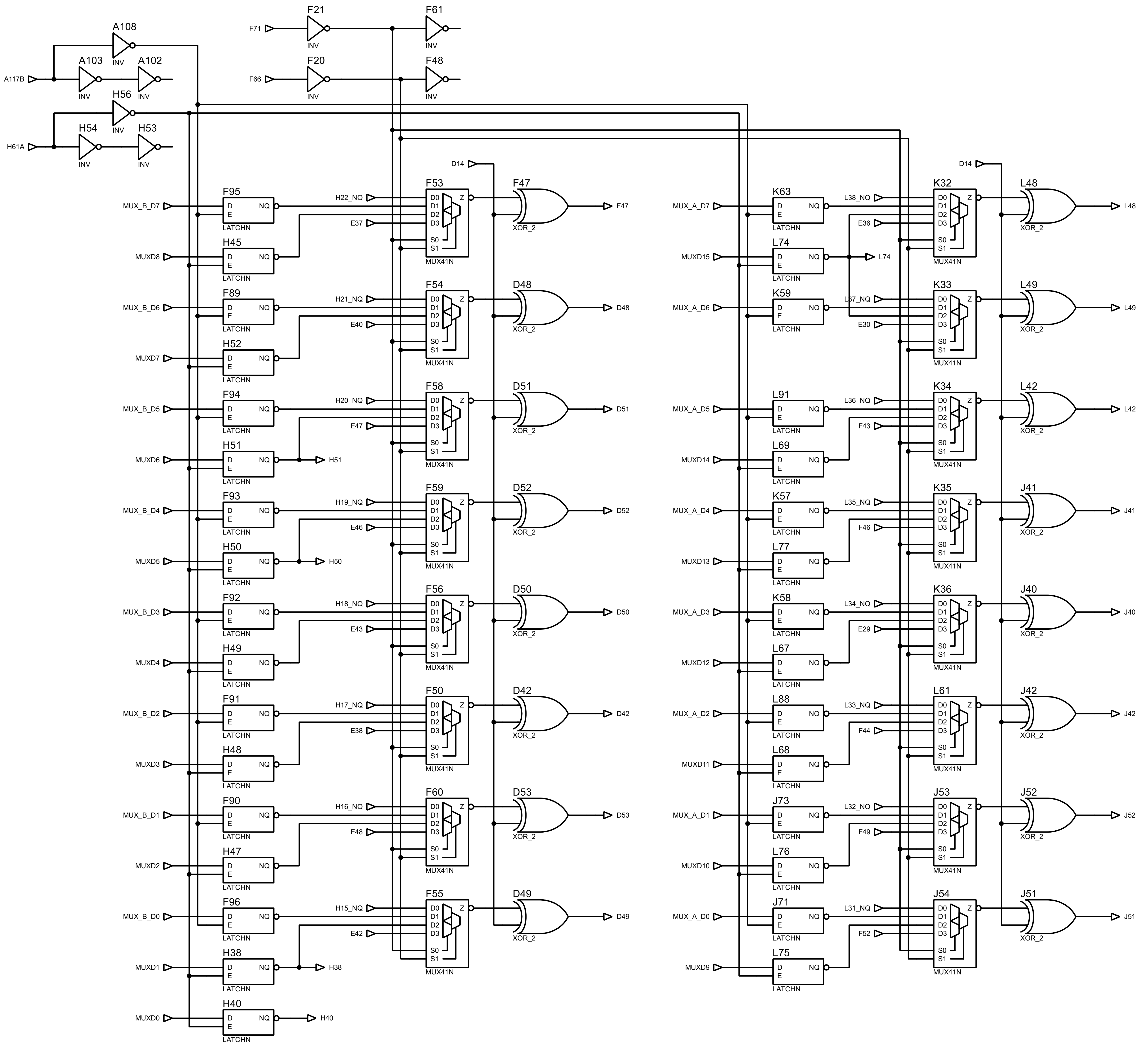

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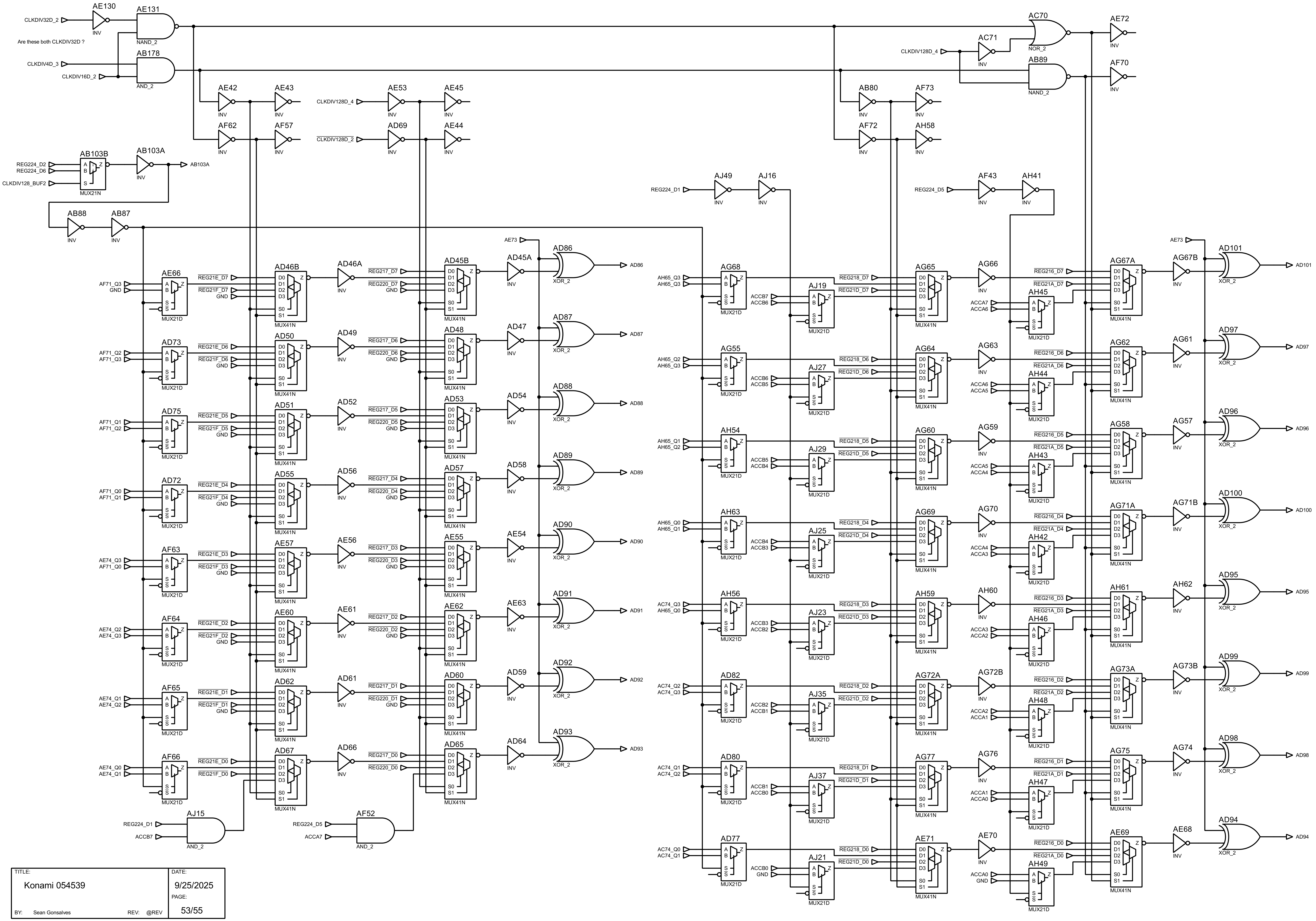

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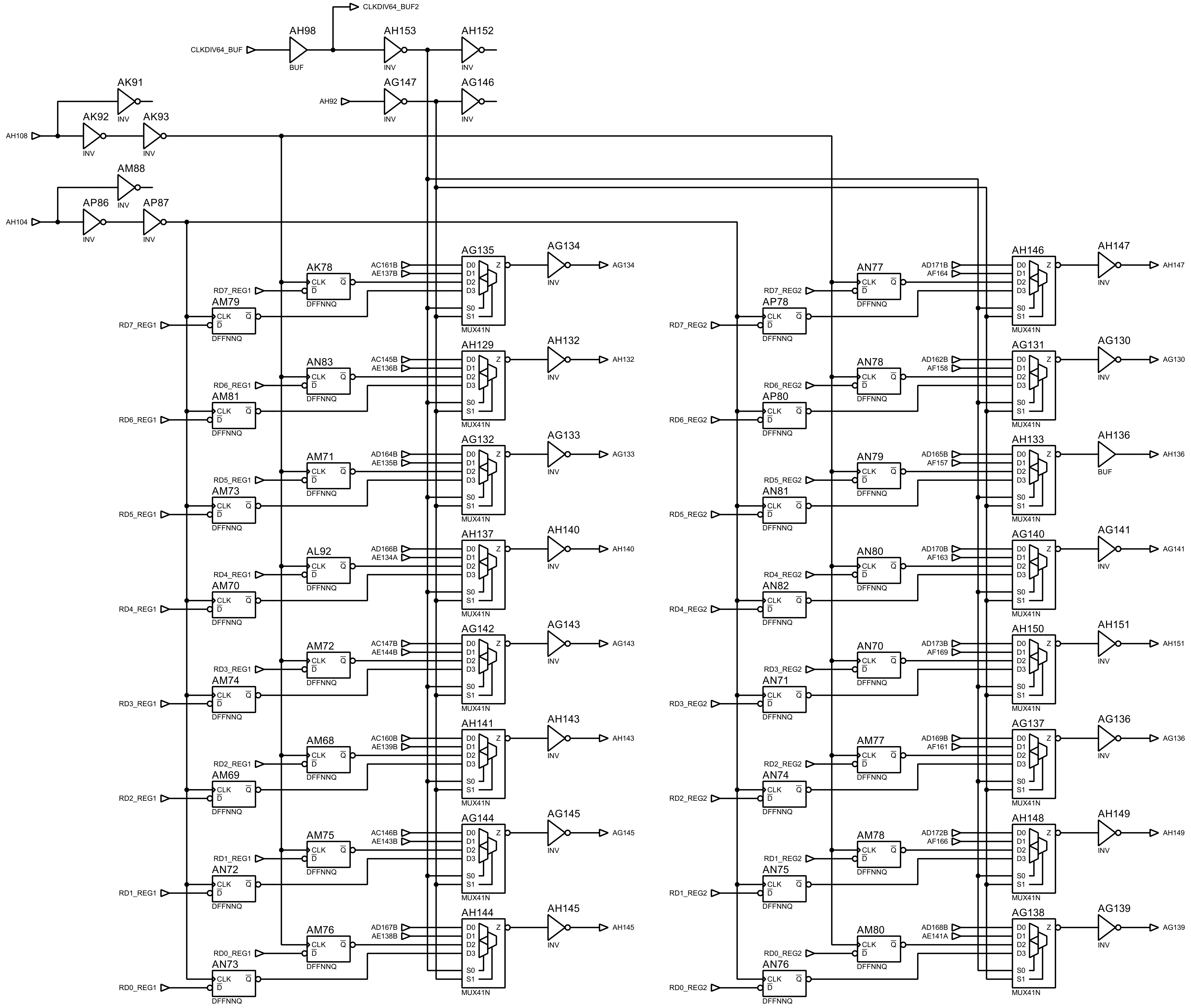

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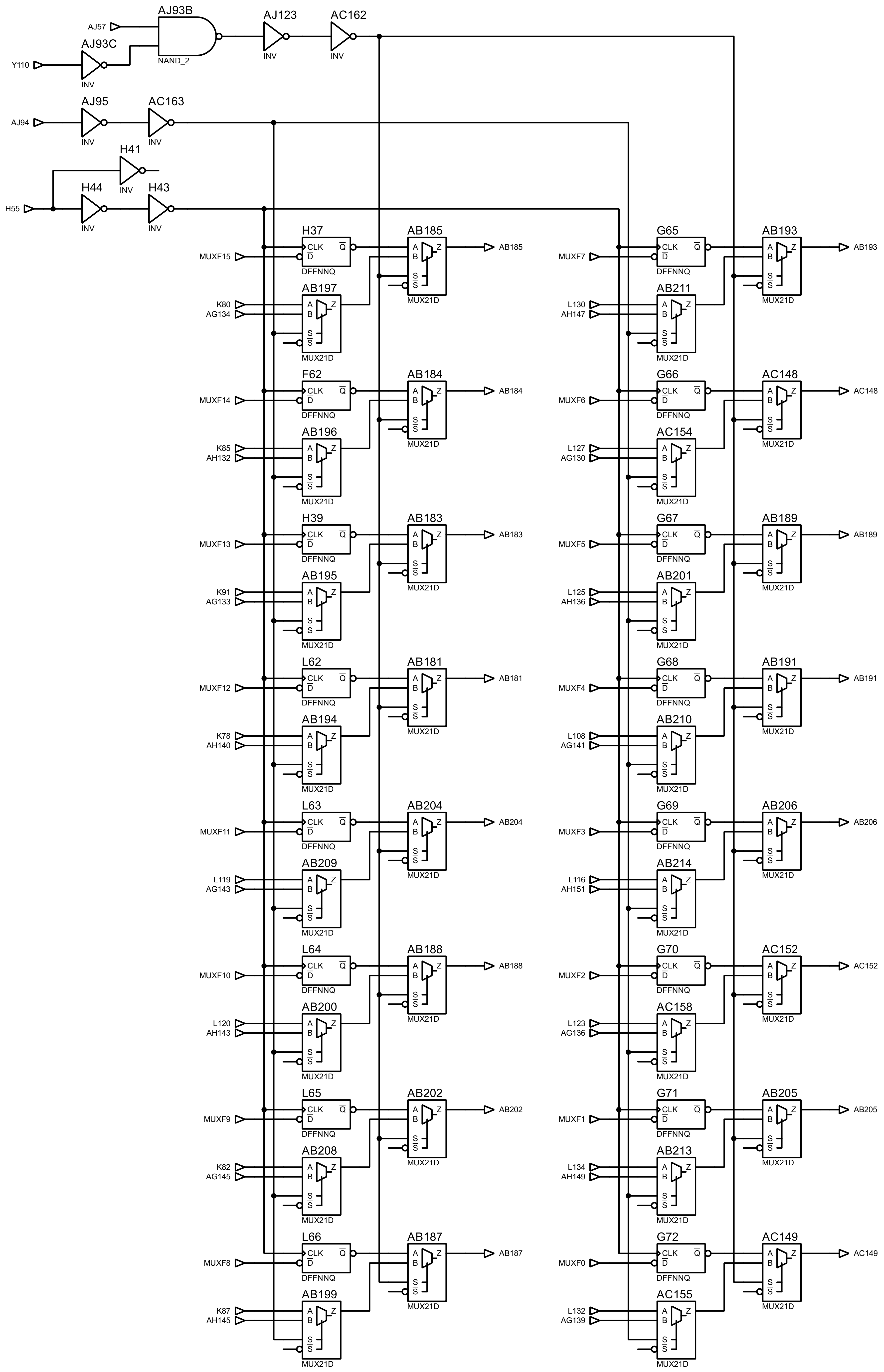

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