

state = a					Alive (net state)
Alive	N10	N127	...	N177	

1 any 2

1 any 3

0 any 3

0 otherwise

1



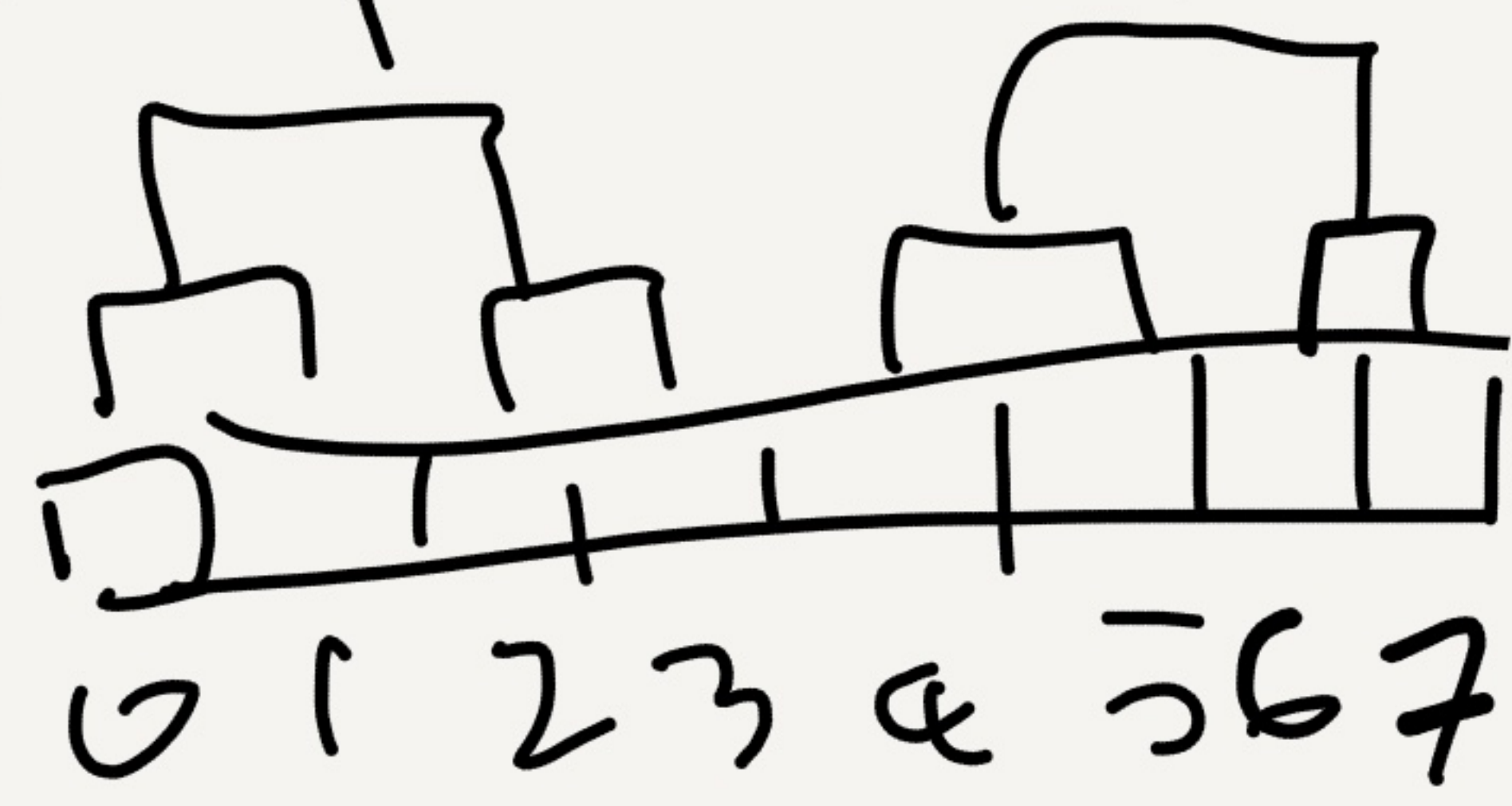
0 1100

(alive and any 2)

or

(any 3)

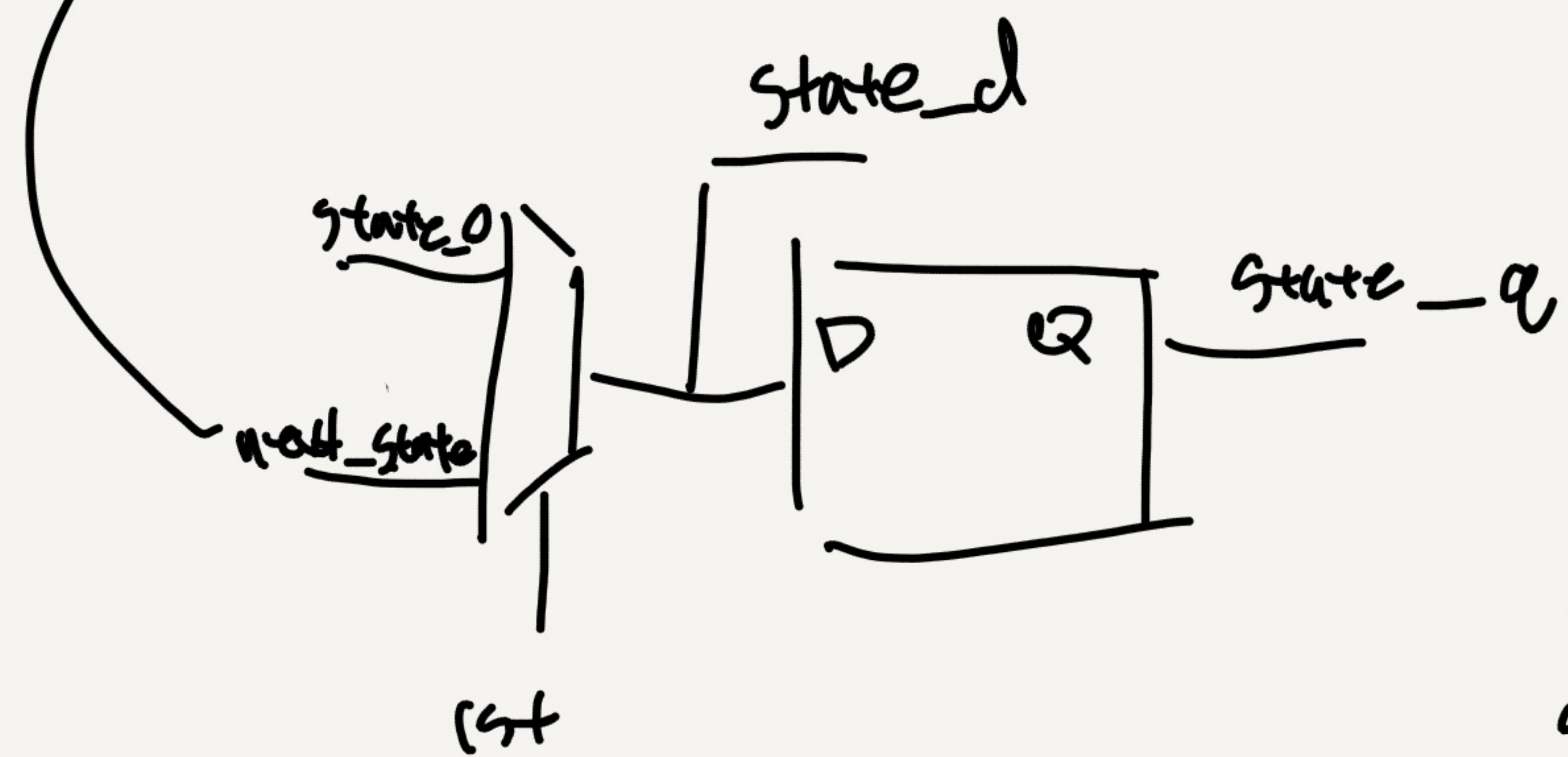
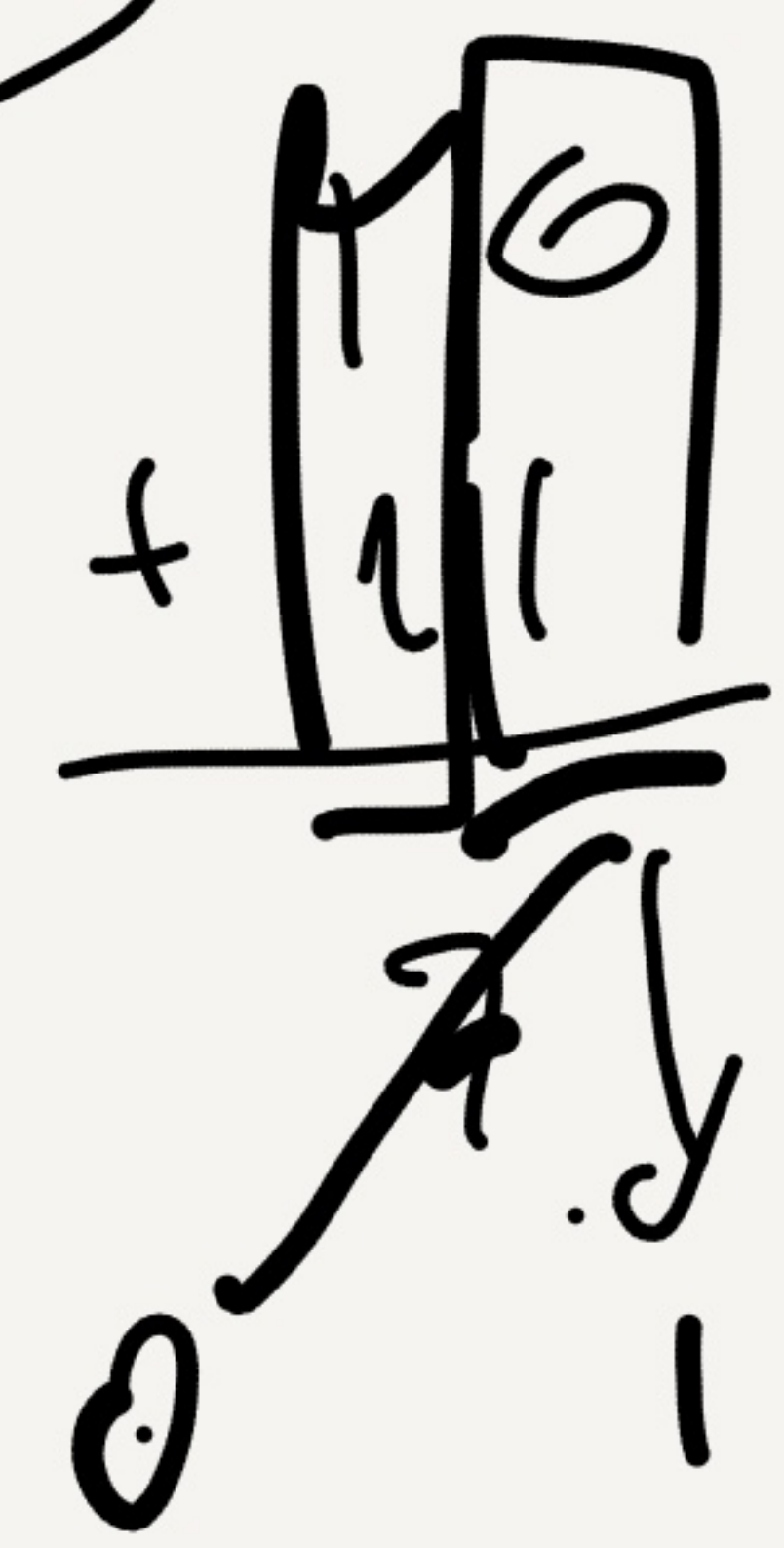
not visit



8



2



00	0
01	1
10	1
11	1

OR

00	0
01	0
10	0
11	1

AND

00	0
01	1
10	1
11	0

XOR

a	b	cin	P	g	S	cout
0	0	0	0	0	0	0
0	0	1	0	0	1	0
0	1	0	1	0	1	0
0	1	1	1	0	0	1
1	0	0	1	0	1	0
1	0	1	1	0	0	1
1	1	0	0	1	0	1
1	1	1	0	1	1	1

2

total_sum	alive
0010	1
...	0

$\overline{ts[3]} \quad \overline{ts[2]} \quad ts[1] \quad \overline{ts[0]}$
 alive - 2

3

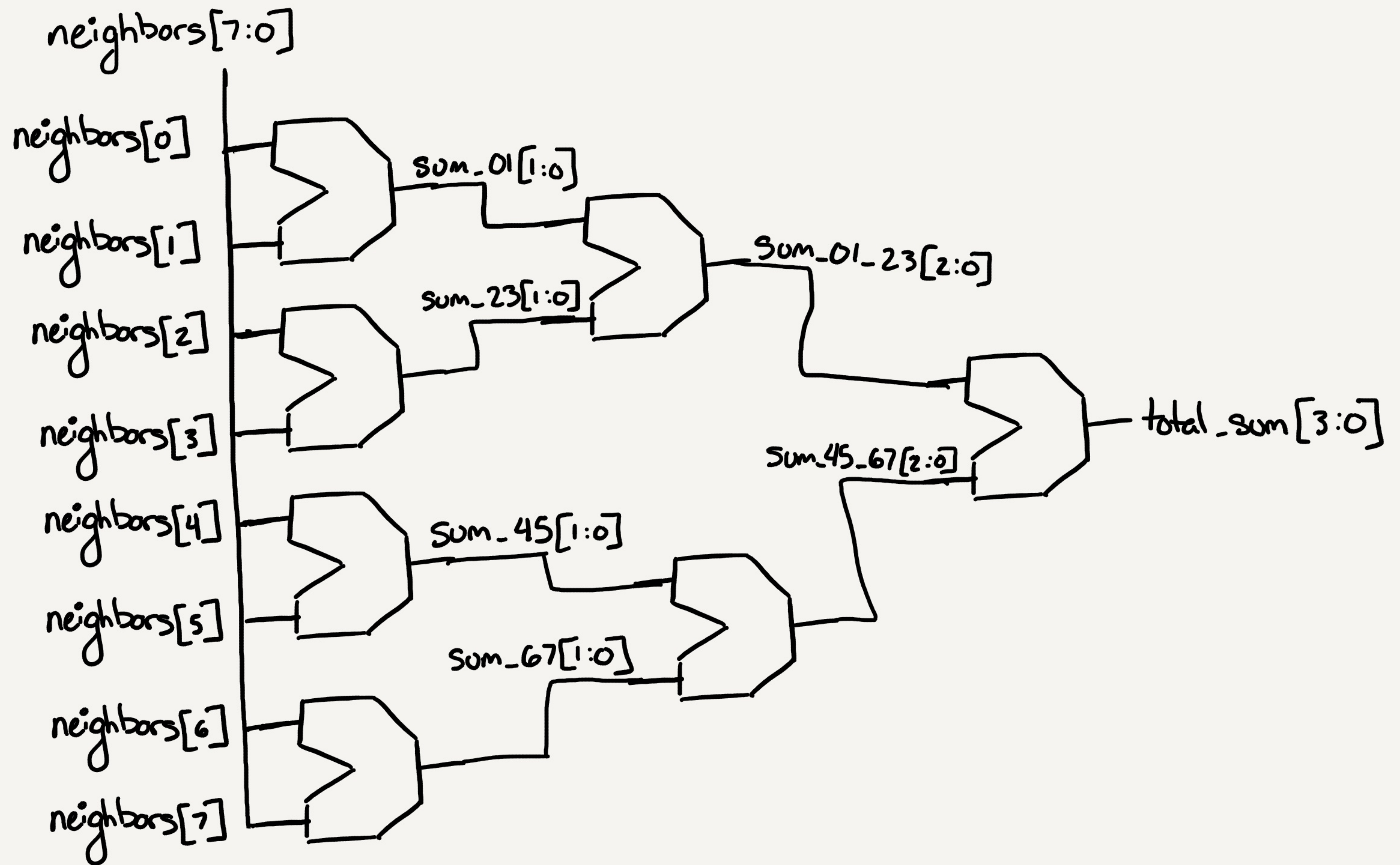
total_sum	alive
0011	1
...	0

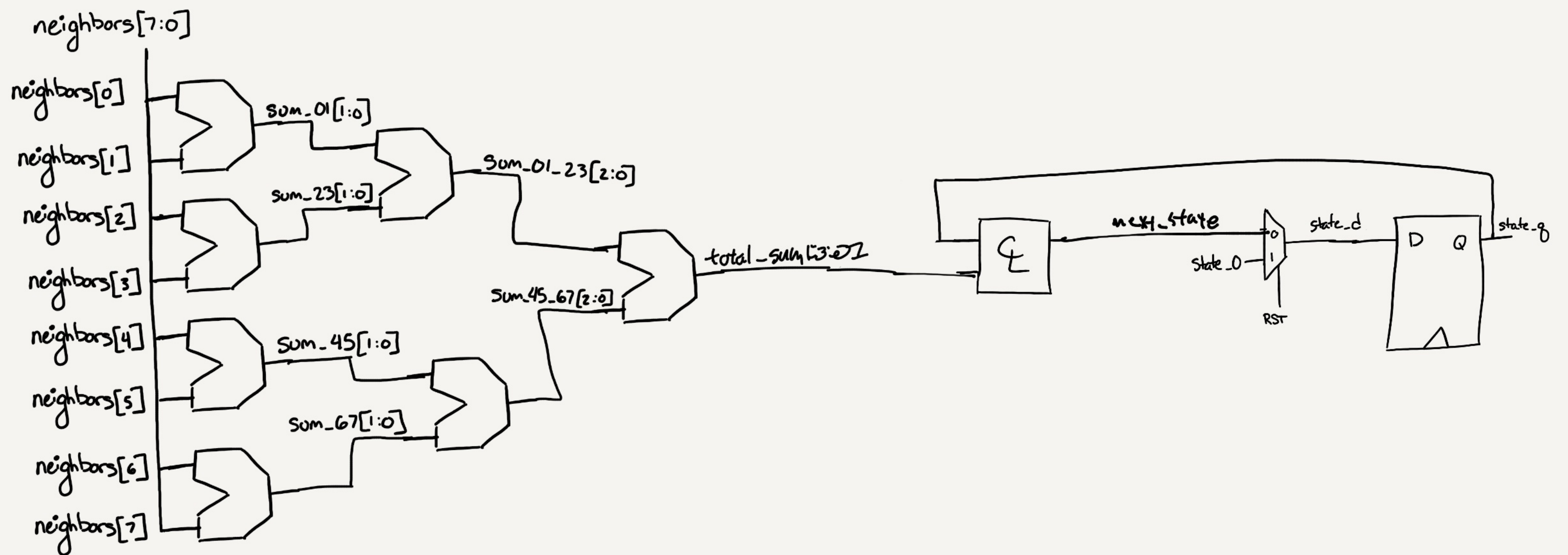
$\overline{ts[3]} \quad \overline{ts[2]} \quad ts[1] \quad ts[0]$
 alive - 3

alive and alive - 2

or

alive - 3







r1	●	●	●	●	●	●	●	●	●	●	●	c5	-
r2	●	●	●	●	●	●	●	●	●	●	●	c6	
r3	●	●	●	●	●	●	●	●	●	●	●	c7	
r4	●	●	●	●	●	●	●	●	●	●	●	c8	
c1	●	●	●	●	●	●	●	●	●	●	●	r5	↑
c2	●	●	●	●	●	●	●	●	●	●	●	r6	↑
c3	●	●	●	●	●	●	●	●	●	●	●	r7	
c4	●	●	●	●	●	●	●	●	●	●	●	r8	

