



$q_2$	$q_1$	$q_0$	A	B	$q_2^+$	$q_1^+$	$q_0^+$
0	0	0	1	0	1	0	0
0	0	1	1	0	1	0	1
0	1	0	1	0	1	1	0
0	1	1	0	0	0	1	1
1	0	0	1	0	0	1	0
1	0	1	1	0	0	1	1
1	1	0	1	1	0	0	1
1	1	1	0	1	1	0	0

$$A = \text{NAND}(q_1, q_0)$$

$$B = q_2 q_1$$

$q_0$  toggles on B

$q_1$  toggles on  $q_2$

$q_2$  toggles on A

