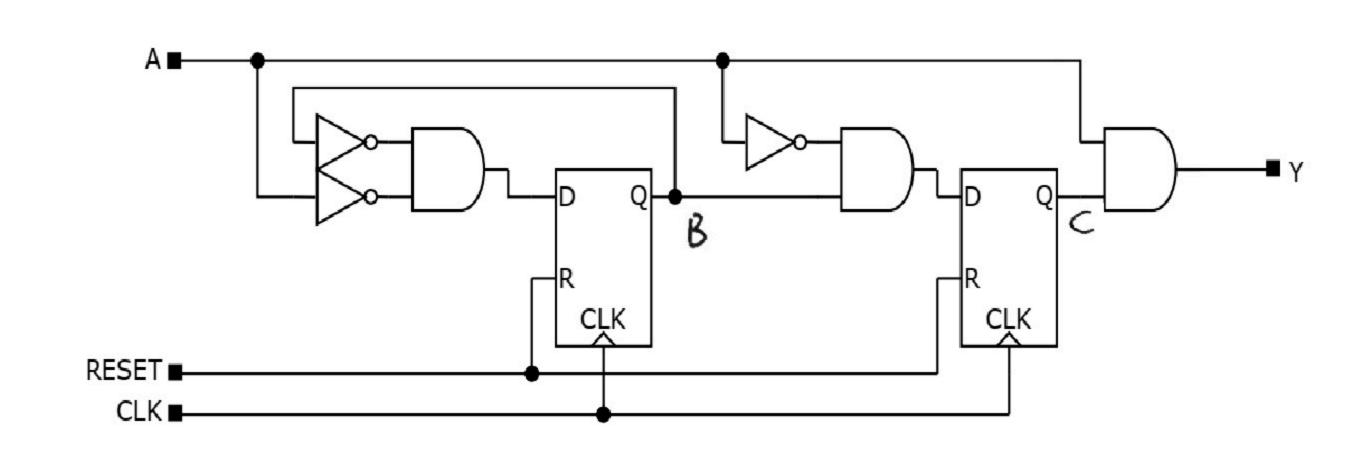
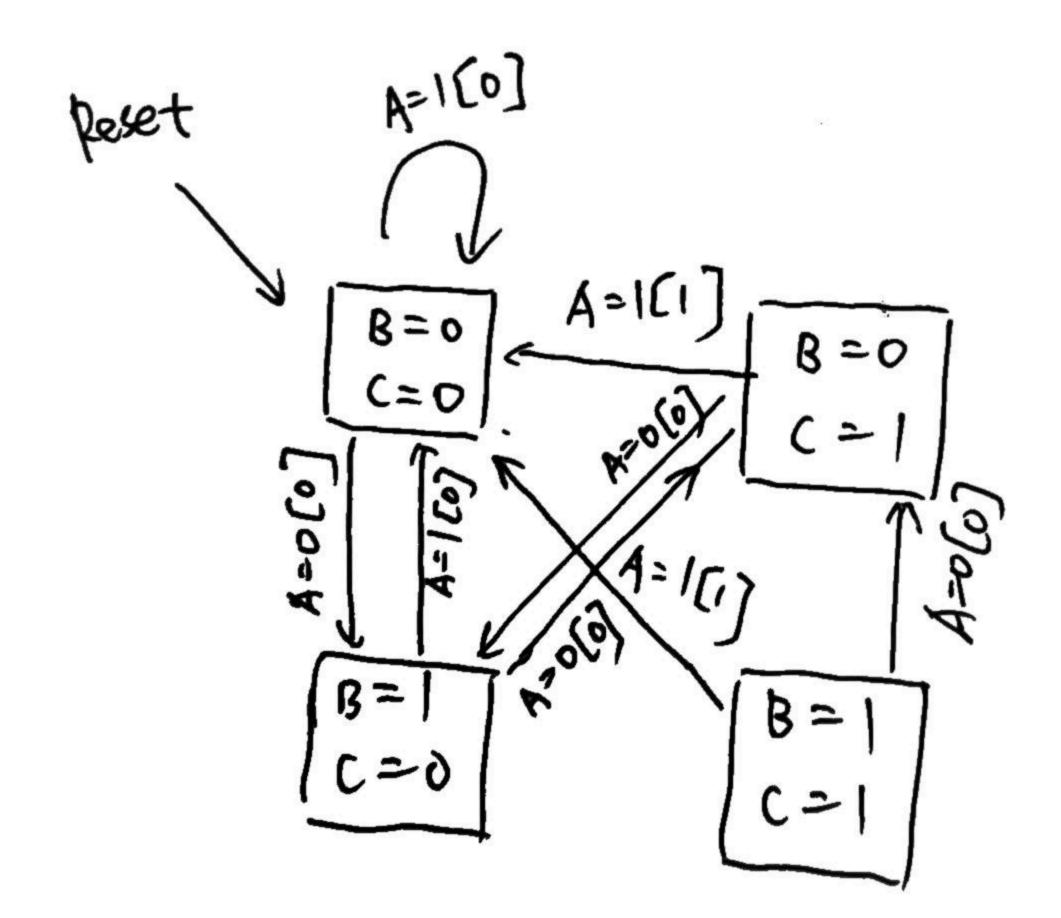
Al.



A	В	C	B	c'	, Y	•
0	0	0		0	0	
0	0	1	1	0	0	
0	1	0	0	(0	
0	1	1	0	(0	
1	0	0	0	0	0	
1	0	1	0	0	1	
1	1	0	0	0	0	
(1	0	0	1	



when A is 1:

it goes to State 00,

Only when A is 1 at

State 01:

output is 1.

when port A gets the

pattern of 0-0-1.

output will be 1.

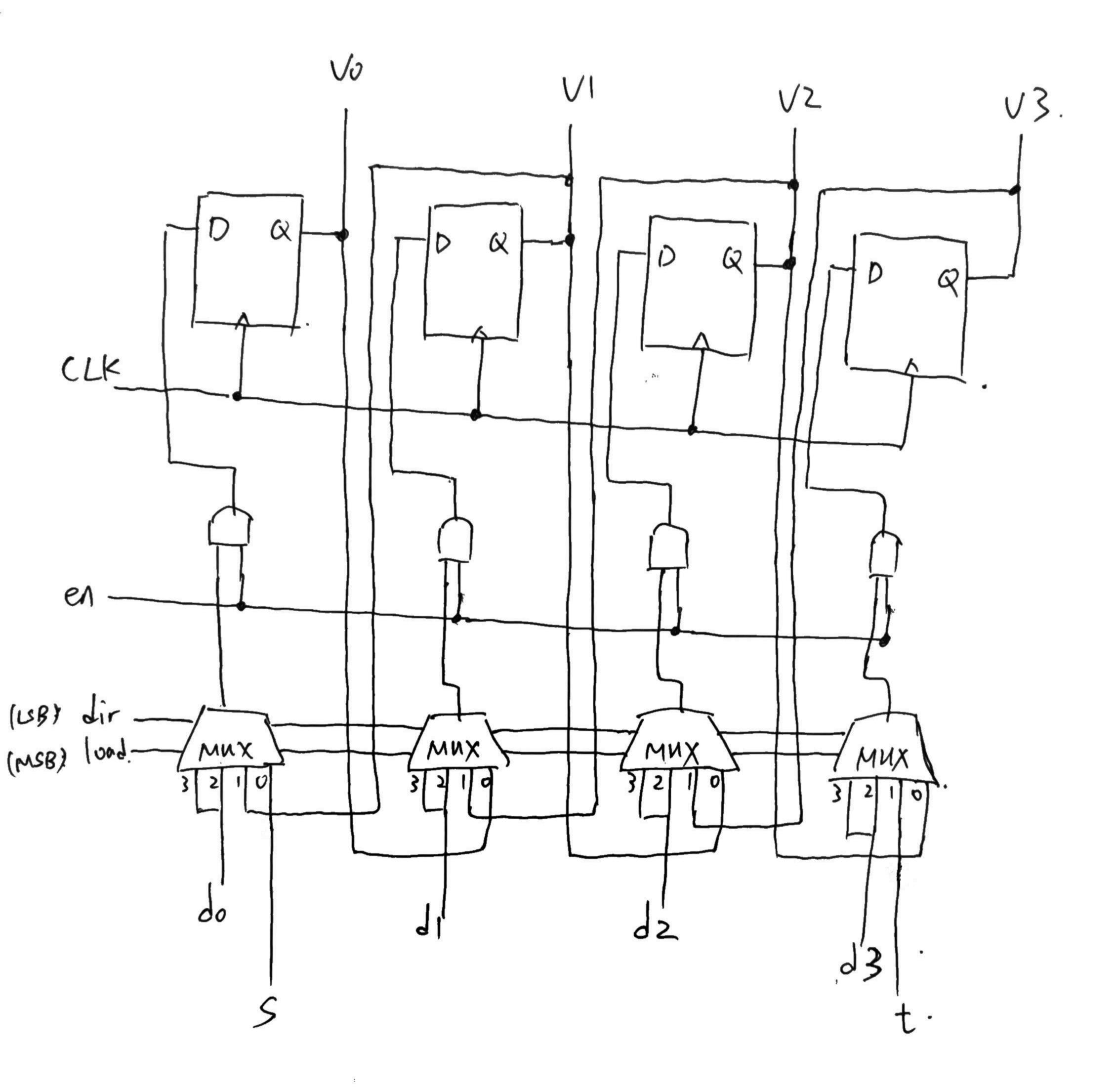
So, it's pattern detactor.

.

Binary Gode.				Gray Code		
1	bz	bı	60	1 92	91	90
1	O	0	0	0	0	0
	0	0	1	0	0	/
-	0	/	0	0	/	/
	0			0	1	0
	,		,	1,		
	1	1	6	()	n	!
	!	'.	,	.		
		1]	1		0	00
				•		

$$\begin{cases} g_{2} = b_{2} \\ g_{1} = b_{1} \oplus b_{2} \\ g_{0} = b_{0} \oplus b_{1} \end{cases}$$

$$\begin{cases} p_{5} \uparrow \\ b_{1} \\ b_{2} \\ b_{3} \\ b_{4} \end{cases}$$



Á4.1	ABCP+ ABC	(A+B/(C+D)	AB (C+D)
0000	O	0	
0001	0		'
0010	0		
0011	0		
0 (00	0		
0 1 0 1	2	0	i
0 1 10	ı	0	i
1000	Ö	Ŏ	0
1001	0	1	
1010	į	j	
101	Ö		
1100	0	0	1
1101	0		0
1110	0	s 1	0
	0	1	
		3	

