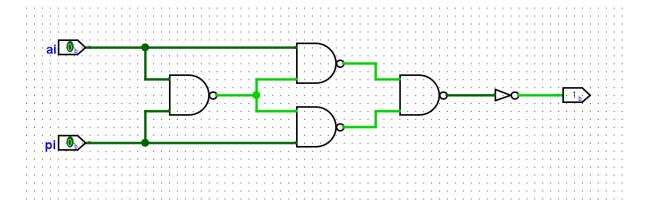
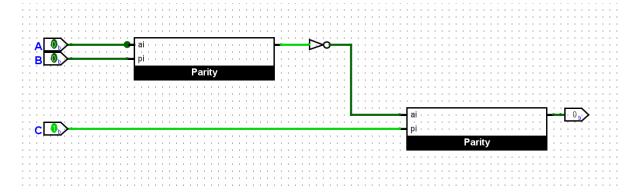
## <1-a번>

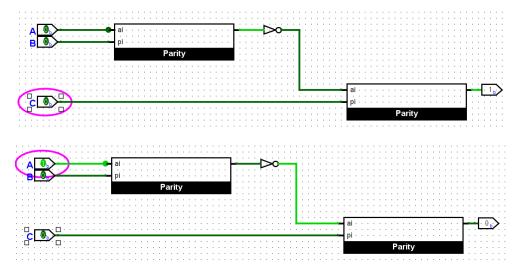


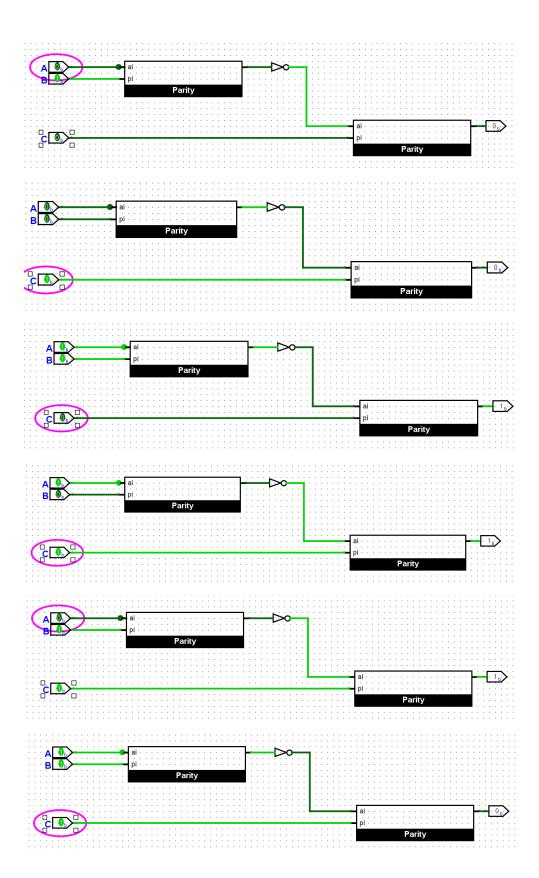
## <1-b번>

: (a)번에서 1bit parity 구현한 것을 (b)번에서 활용함 이름은 Parity로 지정했음.



## <test.vector대신 모든 상황 캡쳐>





(c). Determine the delay to compute an odd parity of an n-bit binary number. number. an odd Cout = (a0b)-C+ a.b mber. 34 (ODL) 月月月 验验 all) > Cout: 54 Gin>S:4∆ 844) 75:10 Cin=>Cout: 20 Xn-1 Yn-1 20 40 Co=0 90 50+21n-2) 0+4D 5△+2(n-1)△ od  $=(2n+5)\Delta$ nber. For n=1, delay =  $1\Delta$ 

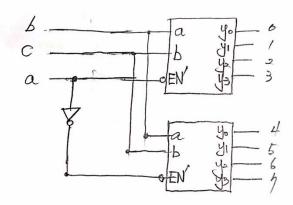
CS CamScarper品全型市社ay = (2n+5)△

2. (a)·

L-to-4 decoders of some 計2

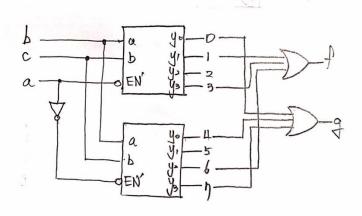
a & c 중 b.c를 inpute 3 智子.

(MSB) (LSB)

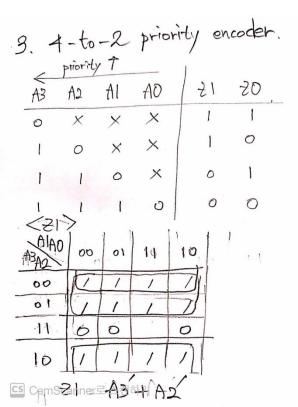


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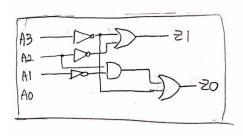
(b). active high 3-to-8 decoder.



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<50>				,
AJA2	00	01	11	10
00	(1	T	1	
01	1		1	
11	V	D		0
10	0	0	0	0
20	) =	A3	+A2	Ar



cs CamScanner로 스캔하기