

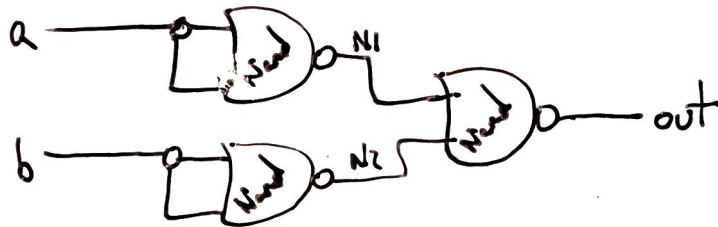
Chip Name : Or  
 Inputs : a, b  
 Outputs : out

Function : if  $a=b=0$  then  $out=0$   
 else  $out=1$

Nand	a	b	out
	0	0	1
	0	1	1
	1	0	1
	1	1	0

Or	a	b	out
	0	0	0
	0	1	1
	1	0	1
	1	1	1

$$x \text{ Or } y = \text{Nand}[\text{Nand}(x, x), \text{Nand}(y, y)]$$



a	b	NI	NZ	out
0	0	1	1	0
0	1	1	0	1
1	0	0	1	1
1	1	0	0	1