

Chip Name: Not

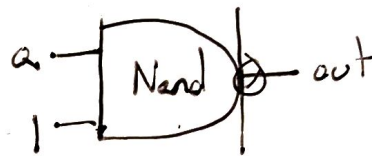
Inputs: in

Outputs: out

Function: If $in = 0$ then $out = 1$ else 0

$$\text{Not}(in) = \text{Nand}(in, 1)$$

in ^a	1	out
0	1	1
1	1	0



Chip Name: AND

Inputs: a, b

Outputs: out

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

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

$$\text{Not}(\text{Nand}(a, b))$$

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