

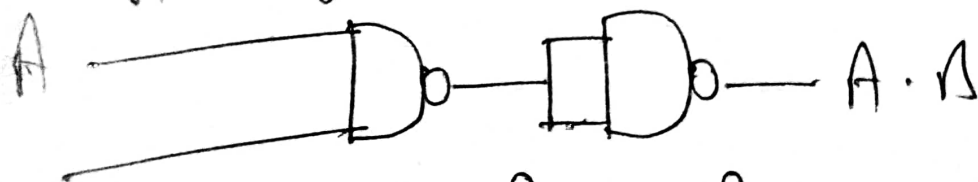
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Q-1 \rightarrow NAND gate \rightarrow The NAND gate comes under the category of universal gates.

The function of AND, OR and NOT gates.

A NAND gate is a logic gate that performs the reverse operation of AND logic gate. It is a blend of AND and NOT gate and is a commonly used logic gate.

AND gate using NAND gate.



A	B	Q ₁	Q ₂	Output
0	0	OFF	OFF	1
0	1	OFF	ON	1
1	0	OFF	OFF	1
1	1	ON	ON	0