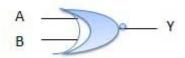
XNOR Gate

XNOR gate is a special type of gate. It can be used in the half adder, full adder and subtractor. The exclusive-NOR gate is abbreviated as EX-NOR gate or sometime as X-NOR gate. It has n input $(n \ge 2)$ and one output.

Logic diagram



Truth Table

Inputs		Output
Α	В	A B
0	0	1
0	1	0
1	0	0
1	1	1