

$$f(A,B,C) = ABC + A'BC + AB'C' + AB'C + A'B'C$$

A	B	C	f() Boolean Equation	AND / OR Circuit	NAND Circuit
0	0	0	0	0	0
0	0	1	1	1	1
0	1	0	0	0	0
0	1	1	1	1	1
1	0	0	0	1	1
1	0	1	1	1	1
1	1	0	0	0	0
1	1	1	1	1	1