

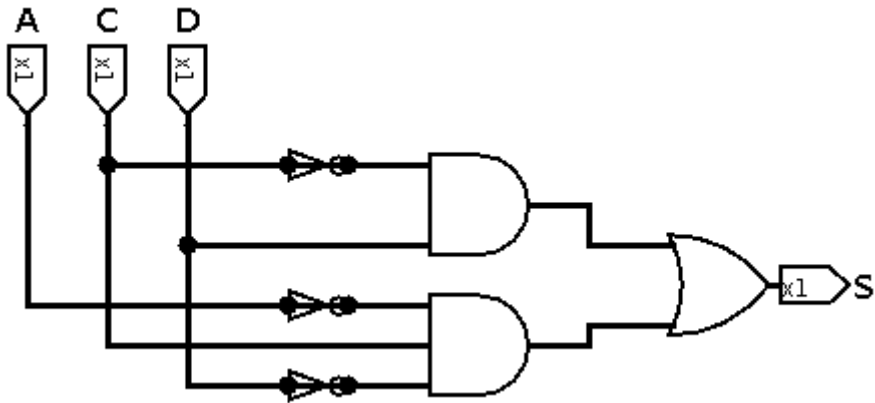
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$$F(X,Y,Z) = \sum m(1,2,5) \tag{1}$$

	X	Y	Z	S
0	0	0	0	0
1	0	0	1	1
2	0	1	0	1
3	0	1	1	0
4	1	0	0	0
5	1	0	1	1
6	1	1	0	0
7	1	1	1	0

X\YZ	00	01	11	10
0	0	1	0	1
1	0	1	0	0

$$S = (\bar{C}.D) + (\bar{A}.C.\bar{D}) \tag{1}$$



$$F(A,B,C,D) = \prod M(1,3,5,7,11,13,15) \tag{3}$$

	A	B	C	D	S
0	0	0	0	0	1
1	0	0	0	1	0
2	0	0	1	0	1
3	0	0	1	1	0
4	0	1	0	0	1
5	0	1	0	1	0
6	0	1	1	0	1
7	0	1	1	1	0
8	1	0	0	0	1
9	1	0	0	1	1
10	1	0	1	0	0
11	1	0	1	1	0
12	1	1	0	0	1
13	1	1	0	1	0
14	1	1	1	0	1
15	1	1	1	1	0

A B\C D	00	01	11	10
00	1	0	0	1
01	1	0	0	1
11	1	0	0	1
10	1	1	0	0

$$S = \bar{D}.(\bar{A} + B + \bar{C})$$
(4)

