

(1)

abc	\bar{c} OR b	NOT	F
000	1	0	0
001	0	1	0
010	1	0	0
011	1	0	0
100	1	0	0
101	0	1	1
110	1	0	0
111	1	0	0

$F = a \text{ AND } \text{NOT}(b \text{ OR } \text{NOT}(c))$

$\text{NOT}(p \text{ AND } s \text{ AND } k) \Rightarrow (psk)'$

p	s	k	psk	$(psk)'$	psk'
0	0	0	0	1	0
0	0	1	0	1	0
0	1	0	0	1	0
0	1	1	0	1	0
1	0	0	0	1	0
1	0	1	0	1	0
1	1	0	0	1	0
1	1	1	1	0	0

$$F(a,b,c) = a'bc + abc' + ab + c$$

$$F(a,b,c) = ab + c$$

abc	$a'bc$	abc'	ab	c	F
000	0	0	0	0	0
001	0	0	0	1	1
010	0	0	0	0	0
011	1	0	0	1	1
100	0	0	0	0	0
101	0	0	0	1	1
110	0	1	1	0	1
111	0	0	1	1	1

↑

$$a + (b * c) = (a + b) * (a + c)$$

$$c'(h + h'p)$$

