A_1	A_2	B	C	$\overline{A_1} + A_2$	$B + C$	$\overline{C} + A_2$	$\overline{A_1} + \overline{B} + \overline{C}$	$f(A_1, A_2, B, C)$
0	0	0	0	1	0	1	1	0
0	0	0	1	1	1	0	1	0
0	0	1	0	1	1	1	1	1
0	0	1	1	1	1	0	1	0
0	1	0	0	1	0	1	1	0
0	1	0	1	1	1	1	1	1
0	1	1	0	1	1	1	1	1
0	1	1	1	1	1	1	1	1
1	0	0	0	0	0	1	1	0
1	0	0	1	0	1	0	1	0
1	0	1	0	0	1	1	1	0
1	0	1	1	0	1	0	0	0
1	1	0	0	1	0	1	1	0
1	1	0	1	1	1	1	1	1
1	1	1	0	1	1	1	1	1
1	1	1	1	1	1	1	0	0