

(1)  $bc_m$

a \ bc	00		01		11		10	
	0	1	0	1	0	1	0	1
0	1	0	1	1	1	1	3	2
1	1	4	1	5	1	7	1	6

$$f_1 = \overline{b}c + \overline{a}c + ab\overline{c}$$

$$f_2 = \overline{a}\overline{b} + \overline{b}\overline{c} + ab$$