

$x_1 x_2$   
 $x_3 x_4$

	00	01	11	10
00	0	1	d	0
01	0	1	d	0
11	0	0	d	0
10	1	1	d	1

$x_2 \bar{x}_3$   
 $x_3 \bar{x}_4$

(a) SOP implementation