

x_3x_4

00

01

11

10

00

1

0

1

1

01

0

1

1

1

 x_1x_2

11

1

1

0

0

10

1

0

0

1

$$x_2\bar{x}_3x_4 + \bar{x}_2\bar{x}_4 + x_1x_2\bar{x}_3 + \bar{x}_1x_3$$