



AB \ CD	00	01	11	10
00	x_0	x_2	x_6	x_4
01	x_0	x_2	x_6	x_4
11	x_1	x_3	x_7	x_5
10	x_1	x_3	x_7	x_5

AB \ CD	00	01	11	10
00	1	0	1	0
01	0	0	0	1
11	0	1	1	1
10	0	1	1	0

$$F = \underbrace{\bar{A}\bar{B}\bar{C}\bar{D}}_{m_0} + BC + AB\bar{D} + A\bar{B}D$$

$$\underbrace{ABCD}_{m_{15}} + \underbrace{\bar{A}BCD}_{m_7} + \underbrace{ABC\bar{D}}_{m_{14}} + \underbrace{\bar{A}BC\bar{D}}_{m_6}$$

$$\underbrace{ABC\bar{D}}_{m_{14}} + \underbrace{AB\bar{C}\bar{D}}_{m_{12}}$$

$$F = \sum m(0, 6, 7, 9, 11, 12, 14, 15)$$

$$\underbrace{A\bar{B}CD}_{m_{11}} + \underbrace{A\bar{B}\bar{C}D}_{m_9}$$

AB \ CD	00	01	10	11
00	0	4	8	12
01	1	5	9	13
10	2	6	10	14
11	3	7	11	15

$$\bar{C}\bar{D} \quad C \quad D \quad C + \bar{D}$$

$$(\overline{C+D})$$

