

Ejercicio nº 5. 2012. E. Digital. Selectividad.

Min	PA	PC	FA	FC	MA	MB
0	0	0	0	0	0	0
1	0	0	0	1	0	0
2	0	0	1	0	0	0
3	0	0	1	1	X	X
4	0	1	0	0	0	1
5	0	1	0	1	0	0
6	0	1	1	0	0	1
7	0	1	1	1	X	X
8	1	0	0	0	1	0
9	1	0	0	1	1	0
10	1	0	1	0	0	0
11	1	0	1	1	X	X
12	1	1	0	0	0	0
13	1	1	0	1	0	0
14	1	1	1	0	0	0
15	1	1	1	1	X	X

$$MA = f(PA, PC, FA, FC) = \sum_4(8, 9) + \sum_\phi(3, 7, 11, 15)$$

$$MB = f(PA, PC, FA, FC) = \sum_4(4, 6) + \sum_\phi(3, 7, 11, 15)$$

PA PC	00	01	11	10
00	0	1	X <sub>3</sub>	2
01	4	5	X <sub>7</sub>	6
11	12	13	X <sub>15</sub>	14
10	1 <sub>8</sub>	1 <sub>9</sub>	X <sub>11</sub>	10

MA

$$MA = PA \cdot \overline{PC} \cdot \overline{FA}$$

PA PC	00	01	11	10
00			X	
01	1		X	1
11			X	
10			X	

$$MB = \overline{PA} \cdot PC \cdot \overline{FC}$$

