



37

DCBA -> a

BA \ DC	00	01	11	10
00	0	1	0	0
01	1	0	0	1
11	-	-	1	-
10	0	0	-	-

$$a = DB + \bar{C}\bar{A} + \bar{D}\bar{C}\bar{B}A$$

DCBA -> b

BA \ DC	00	01	11	10
00	0	0	0	0
01	0	1	0	1
11	-	-	1	-
10	0	0	-	-

$$b = DB + \bar{C}\bar{B}A + \bar{C}B\bar{A}$$

DCBA -> c

BA \ DC	00	01	11	10
00	0	0	0	1
01	0	0	0	0
11	-	-	1	-
10	0	0	-	-

$$c = DB + \bar{C}\bar{B}\bar{A}$$

DCBA -> d

BA \ DC	00	01	11	10
00	0	1	0	0
01	1	0	1	0
11	-	-	1	-
10	0	1	-	-

$$d = DA + \bar{C}\bar{B}A + \bar{C}\bar{B}\bar{A} + \bar{C}BA$$

DCBA -> e

BA \ DC	00	01	11	10
00	0	1	1	0
01	1	1	1	0
11	-	-	1	-
10	0	1	-	-

$$e = A + \bar{C}\bar{B}$$

DCBA -> f

BA \ DC	00	01	11	10
00	0	1	1	1
01	0	0	1	0
11	-	-	1	-
10	0	0	-	-

$$f = BA + \bar{C}\bar{B} + \bar{D}\bar{C}A$$

DCBA -> g

BA \ DC	00	01	11	10
00	1	1	0	0
01	0	0	1	0
11	-	-	1	-
10	0	0	-	-

$$g = \bar{C}BA + \bar{D}\bar{C}\bar{B}$$