

$F_8$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	0	0	0	0
	11	1	1	1	1
	10	0	1	1	1

$F_8$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	0	0	0	0
	11	1	1	1	1
	10	0	1	1	1

$F_8$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	0	0	0	0
	11	1	1	1	1
	10	0	1	1	1

$F_8$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	0	0	0	0
	11	1	1	1	1
	10	0	1	1	1

$F_8$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	0	0	0	0
	11	1	1	1	1
	10	0	1	1	1

$F_8$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	0	0	0	0
	11	1	1	1	1
	10	0	1	1	1

$dc:$

$$\begin{aligned} f_0 &= 0 \\ f_1 &= 0 \\ f_2 &= 1 \\ f_3 &= a \vee b \end{aligned}$$

$db:$

$$\begin{aligned} f_0 &= 0 \\ f_1 &= 0 \\ f_2 &= c \vee a \\ f_3 &= 1 \end{aligned}$$

$da:$

$$\begin{aligned} f_0 &= 0 \\ f_1 &= 0 \\ f_2 &= c \vee b \\ f_3 &= 1 \end{aligned}$$

$cb:$

$$\begin{aligned} f_0 &= da \\ f_1 &= d \\ f_2 &= d \\ f_3 &= d \end{aligned}$$

$ca:$

$$\begin{aligned} f_0 &= db \\ f_1 &= d \\ f_2 &= d \\ f_3 &= d \end{aligned}$$

$ba:$

$$\begin{aligned} f_0 &= dc \\ f_1 &= d \\ f_2 &= d \\ f_3 &= d \end{aligned}$$

$F_4$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	11	0	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	10	$\overset{\cdot}{1}$	0	0	0

$F_4$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	11	0	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	10	$\overset{\cdot}{1}$	0	0	0

$F_4$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	11	0	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	10	$\overset{\cdot}{1}$	0	0	0

$F_4$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	11	0	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	10	$\overset{\cdot}{1}$	0	0	0

$F_4$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	11	0	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	10	$\overset{\cdot}{1}$	0	0	0

$F_4$		$ba$			
		00	01	11	10
$dc$	00	0	0	0	0
	01	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	11	0	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$	$\overset{\cdot}{1}$
	10	$\overset{\cdot}{1}$	0	0	0

$dc:$

$$\begin{aligned} f_0 &= 0 \\ f_1 &= 1 \\ f_2 &= a \vee b \\ f_3 &= \bar{b} \vee \bar{a} \end{aligned}$$

$db:$

$$\begin{aligned} f_0 &= c \\ f_1 &= c \\ f_2 &= \bar{c}a \vee ca \\ f_3 &= c \end{aligned}$$

$da:$

$$\begin{aligned} f_0 &= c \\ f_1 &= c \\ f_2 &= cb \vee \bar{c}b = c \equiv b \\ f_3 &= c \end{aligned}$$

$cb:$

$$\begin{aligned} f_0 &= d\bar{a} \\ f_1 &= 0 \\ f_2 &= \bar{d} \vee a \\ f_3 &= 1 \end{aligned}$$

$ca:$

$$\begin{aligned} f_0 &= d\bar{b} \\ f_1 &= 0 \\ f_2 &= \bar{d} \vee b \\ f_3 &= 1 \end{aligned}$$

$ba:$

$$\begin{aligned} f_0 &= \bar{d}c \vee d\bar{c} \\ f_1 &= c \\ f_2 &= c \\ f_3 &= c \end{aligned}$$

$F_2$		$ba$			
		00	01	11	10
$dc$	00	0	0	1	1
	01	0	0	1	1
	11	1	0	1	0
	10	1	0	1	0

$F_2$		$ba$			
		00	01	11	10
$dc$	00	0	0	1	1
	01	0	0	1	1
	11	1	0	1	0
	10	1	0	1	0

$F_2$		$ba$			
		00	01	11	10
$dc$	00	0	0	1	1
	01	0	0	1	1
	11	1	0	1	0
	10	1	0	1	0

$F_2$		$ba$			
		00	01	11	10
$dc$	00	0	0	1	1
	01	0	0	1	1
	11	1	0	1	0
	10	1	0	1	0

$F_2$		$ba$			
		00	01	11	10
$dc$	00	0	0	1	1
	01	0	0	1	1
	11	1	0	1	0
	10	1	0	1	0

$F_2$		$ba$			
		00	01	11	10
$dc$	00	0	0	1	1
	01	0	0	1	1
	11	1	0	1	0
	10	1	0	1	0

$dc$ :

$$\begin{aligned} f_0 &= b \\ f_1 &= b \\ f_2 &= \overline{ba} \vee ba \\ f_3 &= \overline{ba} \vee ba \end{aligned}$$

$db$ :

$$\begin{aligned} f_0 &= 0 \\ f_1 &= 1 \\ f_2 &= \overline{a} \\ f_3 &= \overline{a} \end{aligned}$$

$da$ :

$$\begin{aligned} f_0 &= b \\ f_1 &= b \\ f_2 &= \overline{b} \\ f_3 &= b \end{aligned}$$

$cb$ :

$$\begin{aligned} f_0 &= d\overline{a} \\ f_1 &= a \vee \overline{d} \\ f_2 &= d\overline{a} \\ f_3 &= a \vee \overline{d} \end{aligned}$$

$ca$ :

$$\begin{aligned} f_0 &= d\overline{b} \vee \overline{d}b \\ f_1 &= b \\ f_2 &= d\overline{b} \vee \overline{d}b \\ f_3 &= b \end{aligned}$$

$ba$ :

$$\begin{aligned} f_0 &= d \\ f_1 &= 0 \\ f_2 &= 1 \\ f_3 &= \overline{d} \end{aligned}$$

$F_1$		$ba$			
		00	01	11	10
$dc$	00	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	01	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	11	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$
	10	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$

$F_1$		$ba$			
		00	01	11	10
$dc$	00	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	01	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	11	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$
	10	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$

$F_1$		$ba$			
		00	01	11	10
$dc$	00	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	01	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	11	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$
	10	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$

$F_1$		$ba$			
		00	01	11	10
$dc$	00	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	01	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	11	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$
	10	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$

$F_1$		$ba$			
		00	01	11	10
$dc$	00	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	01	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	11	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$
	10	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$

$F_1$		$ba$			
		00	01	11	10
$dc$	00	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	01	0	$\overset{\bullet}{1}$	$\overset{\bullet}{1}$	0
	11	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$
	10	$\overset{\bullet}{1}$	0	0	$\overset{\bullet}{1}$

$dc:$

$$\begin{aligned} f_0 &= a \\ f_1 &= a \\ f_2 &= \bar{a} \\ f_3 &= \bar{a} \end{aligned}$$

$db:$

$$\begin{aligned} f_0 &= a \\ f_1 &= a \\ f_2 &= \bar{a} \\ f_3 &= \bar{a} \end{aligned}$$

$da:$

$$\begin{aligned} f_0 &= 0 \\ f_1 &= 1 \\ f_2 &= 1 \\ f_3 &= 0 \end{aligned}$$

$cb:$

$$\begin{aligned} f_0 &= d\bar{a} \vee \bar{d}a \\ f_1 &= d\bar{a} \vee \bar{d}a \\ f_2 &= d\bar{a} \vee \bar{d}a \\ f_3 &= d\bar{a} \vee \bar{d}a \end{aligned}$$

$ca:$

$$\begin{aligned} f_0 &= d \\ f_1 &= d \\ f_2 &= \bar{d} \\ f_3 &= \bar{d} \end{aligned}$$

$ba:$

$$\begin{aligned} f_0 &= d \\ f_1 &= \bar{d} \\ f_2 &= \bar{d} \\ f_3 &= d \end{aligned}$$