Karnaugh maps

$X_3X_4=00$

X_3X_2 \ X_1X_0	00	01	11	10
00	-	-	-	-
01	-	-	-	-
11	-	-	-	-
10	-	-	-	-

$X_3X_4=01$

X_3X_2 \ X_1X_0	00	01	11	10
00	-	-	-	-
01	-	-	-	-
11	-	-	-	-
10	-	-	-	-

$X_3X_4=00$

X_3X_2 \ X_1X_0	00	01	11	10
00	m	m	m	m
01	-	-	-	-
11	1	1	1	1
10	0	0	0	0

$X_3X_4=01$

X_3X_2 \ X_1X_0	00	01	11	10
00	T	T	T	T
01	a	a	a	a
11	a	a	a	a
10	a	a	a	a

X_0

X_1 \	0	1
0	-	-
1	-	-

X_0

X_2X_1 \	0	1
00	-	-
01	-	-
11	-	-
10	-	-

X_1X_0

X_2 \	00	01	11	10
0	-	-	-	-
1	-	-	-	-

X_3X_2 \ X_1X_0

	00	01	11	10
00	-	-	-	-
01	-	-	-	-
11	-	-	-	-
10	-	-	-	-

X_3X_2 \ X_1X_0

	00	01	11	10
00	-	-	-	-
01	-	-	-	-
11	-	-	-	-
10	-	-	-	-

X_1X_0

X_3X_2 \	00	01	11	10
00	-	-	-	-
01	-	-	-	-
11	-	-	-	-
10	-	-	-	-

$X_5X_4=10$

X_3X_2 \ X_1X_0	00	01	11	10
00	-	-	-	-
01	-	-	-	-
11	-	-	-	-
10	-	-	-	-

$X_5X_4=11$

X_3X_2 \ X_1X_0	00	01	11	10
00	-	-	-	-
01	-	-	-	-
11	-	-	-	-
10	-	-	-	-

X_0

X_1 \	0	1
0	m	-
1	0	1

X_0

X_1 \	0	1
0	m	T
1	0	1

X_0

X_2X_1 \	0	1
00	m	-
01	0	1
11	a	a
10	T	a

X_1X_0

X_2 \	00	01	11	10
0	m	-	1	0
1	T	a	a	a

X_1X_0 ($X_4=0$)

X_3X_2 \	00	01	11	10
00	m	m	-	-
01	0	0	1	1
11	a	a	a	a
10	T	T	a	a

X_1X_0 ($X_4=1$)

X_3X_2 \	00	01	11	10
00	m	m	m	m
01	-	-	-	-
11	1	1	1	1
10	0	0	0	0

$X_3X_4=10$

X_3X_2 \ X_1X_0	00	01	11	10
00	a	a	a	a
01	a	a	a	a
11	a	a	a	a
10	0	0	0	0

$X_3X_4=11$

X_3X_2 \ X_1X_0	00	01	11	10
00	a	a	a	a
01	a	a	a	a
11	a	a	a	a
10	a	a	a	a