

A	B	Qa	Qb	Qa'	Qb'		Da	Db	Da'	Db'	U
0	0	0	0	0	0		0	0	0	0	0
0	0	0	0	0	1		0	0	0	0	0
0	0	0	0	1	0		0	0	0	0	0
0	0	0	0	1	1		0	0	0	0	0
0	0	0	1	0	0		0	0	0	1	0
0	0	0	1	0	1		0	0	0	1	0
0	0	0	1	1	0		0	0	0	1	1
0	0	0	1	1	1		0	0	0	1	0
0	0	1	0	0	0		0	0	1	0	0
0	0	1	0	0	1		0	0	1	0	0
0	0	1	0	1	0		0	0	1	0	0
0	0	1	0	1	1		0	0	1	0	0
0	0	1	1	0	0		0	0	1	1	0
0	0	1	1	0	1		0	0	1	1	0
0	0	1	1	1	0		0	0	1	1	0
0	0	1	1	1	1		0	0	1	1	0
0	1	0	0	0	0		0	1	0	0	0
0	1	0	0	0	1		0	1	0	0	0
0	1	0	0	1	0		0	1	0	0	0
0	1	0	0	1	1		0	1	0	0	0
0	1	0	1	0	0		0	1	0	1	0
0	1	0	1	0	1		0	1	0	1	0
0	1	0	1	1	0		0	1	0	1	1
0	1	0	1	1	1		0	1	0	1	0
0	1	1	0	0	0		0	1	1	0	0
0	1	1	0	0	1		0	1	1	0	0
0	1	1	0	1	0		0	1	1	0	0
0	1	1	0	1	1		0	1	1	1	0
0	1	1	1	0	0		0	1	1	1	0
0	1	1	1	0	1		0	1	1	1	0
0	1	1	1	1	0		0	1	1	1	0
0	1	1	1	1	1		0	1	1	1	0
1	0	0	0	0	0		1	0	0	0	0
1	0	0	0	0	1		1	0	0	0	0
1	0	0	0	1	0		1	0	0	0	0
1	0	0	0	1	1		1	0	0	0	0
1	0	0	1	0	0		1	0	0	1	0
1	0	0	1	0	1		1	0	0	1	0
1	0	0	1	1	0		1	0	0	1	1
1	0	0	1	1	1		1	0	0	1	0
1	0	1	0	0	0		1	0	1	0	0
1	0	1	0	0	1		1	0	1	0	0
1	0	1	0	1	0		1	0	1	0	0
1	0	1	0	1	1		1	0	1	0	0
1	0	1	1	0	0		1	0	1	1	0
1	0	1	1	0	1		1	0	1	1	0
1	0	1	1	1	0		1	0	1	1	0
1	1	0	0	0	0		1	1	0	0	0
1	1	0	0	0	1		1	1	0	0	0
1	1	0	0	1	0		1	1	0	0	0
1	1	0	0	1	1		1	1	0	0	0
1	1	0	1	0	0		1	1	0	1	0
1	1	0	1	0	1		1	1	0	1	0
1	1	0	1	1	0		1	1	0	1	1
1	1	0	1	1	1		1	1	0	1	0
1	1	1	0	0	0		1	1	1	0	0
1	1	1	0	0	1		1	1	1	0	0
1	1	1	0	1	0		1	1	1	0	0
1	1	1	0	1	1		1	1	1	0	0
1	1	1	1	0	0		1	1	1	1	0
1	1	1	1	0	1		1	1	1	1	0
1	1	1	1	1	0		1	1	1	1	0
1	1	1	1	1	1		1	1	1	1	0

$$D_A = A$$

$$D_B = B$$

$$D_{A'} = Q_A$$

$$D_{B'} = Q_B$$

$$U(\text{out}) = \underline{\hspace{2cm}}$$

$$\overline{Q_A} \ Q_B \ Q_{A'} \ Q_{B'}$$

FSM - Dogeux 7 (V11)

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Estrazione Moore
con 4 Postabiti

cat ../../kb-p39.kiss2

.i 2

.o 1

.s 16

.p 64

00	s0000	s0000	0
00	s0001	s0000	0
00	s0010	s0000	0
00	s0011	s0000	0
00	s0100	s0001	0
00	s0101	s0001	0
00	s0110	s0001	1
00	s0111	s0001	0
00	s1000	s0010	0
00	s1001	s0010	0
00	s1010	s0010	0
00	s1011	s0010	0
00	s1100	s0011	0
00	s1101	s0011	0
00	s1110	s0011	0
00	s1111	s0011	0
01	s0000	s0100	0
01	s0001	s0100	0
01	s0010	s0100	0
01	s0011	s0100	0
01	s0100	s0101	0
01	s0101	s0101	0
01	s0110	s0101	1
01	s0111	s0101	0
01	s1000	s0110	0
01	s1001	s0110	0
01	s1010	s0110	0
01	s1011	s0110	0
01	s1100	s0111	0
01	s1101	s0111	0
01	s1110	s0111	0
01	s1111	s0111	0
10	s0000	s1000	0
10	s0001	s1000	0
10	s0010	s1000	0
10	s0011	s1000	0
10	s0100	s1001	0
10	s0101	s1001	0
10	s0110	s1001	1
10	s0111	s1001	0
10	s1000	s1010	0
10	s1001	s1010	0
10	s1010	s1010	0
10	s1011	s1010	0
10	s1100	s1011	0
10	s1101	s1011	0
10	s1110	s1011	0
10	s1111	s1011	0
11	s0000	s1100	0
11	s0001	s1100	0
11	s0010	s1100	0
11	s0011	s1100	0
11	s0100	s1101	0
11	s0101	s1101	0
11	s0110	s1101	1
11	s0111	s1101	0
11	s1000	s1110	0
11	s1001	s1110	0
11	s1010	s1110	0
11	s1011	s1110	0
11	s1100	s1111	0
11	s1101	s1111	0
11	s1110	s1111	0

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2

11 s1111 s1111 0
.end

```

./stamina ../../kb-p39.kiss2
# FSM Reduction and mapping (C) Univ. of Colorado VLSI
.i 2
.o 1
.p 12
.s 3
00 S0 S0 0
00 S1 S0 0
01 S0 S0 0
01 S1 S2 0
10 S0 S1 0
10 S1 S1 0
11 S0 S0 0
11 S1 S0 0
00 S2 S0 1
01 S2 S0 1
10 S2 S1 1
11 S2 S0 1
.e

```

