



E	L	R
0	X	X
1	0	1
1	1	0
1	0	0
1	0	0

→ Right
→ Left
→ stop
→ stop

حالت فعلی

Q_2	Q_1	Q_0	K	D_2	D_1	D_0	E	L	R
0	0	0	0	0	0	1	1	1	1
0	0	0	1	0	0	0	1	1	1
0	0	1	0	0	0	1	1	1	1
0	0	1	1	0	1	0	1	1	1
0	1	0	0	0	1	1	1	1	0
0	1	0	1	0	1	0	1	1	0
0	1	1	0	0	1	1	1	1	0
0	1	1	1	1	0	0	1	1	0
1	0	0	0	1	0	1	1	0	0
1	0	0	1	1	0	0	1	0	0
1	0	1	0	1	0	1	1	0	0
1	0	1	1	1	1	0	1	0	0
1	1	0	0	1	1	1	1	0	1
1	1	0	1	1	1	0	1	0	1
1	1	1	0	1	1	1	1	0	1

D_0

		$Q_2 Q_1$			
		00	01	11	10
$Q_0 K$	00	1	1	1	1
	01	0	0	0	0
	11	0	0	0	0
	10	1	1	1	1

$$D_0 = \bar{K}$$

D_1

		$Q_2 Q_1$			
		00	01	11	10
$Q_0 K$	00	0	1	1	0
	01	0	1	1	0
	11	1	0	0	1
	10	0	1	1	0

$$D_1 = \bar{Q}_0 Q_1 + \bar{Q}_1 K + \bar{Q}_1 Q_0 K$$

D_2

		$Q_2 Q_1$			
		00	01	11	10
$Q_0 K$	00	0	0	1	1
	01	0	0	1	1
	11	0	1	0	1
	10	0	0	1	1

$$D_2 = Q_2 \bar{Q}_1 + Q_2 \bar{Q}_0 + Q_2 \bar{K} + \bar{Q}_2 Q_1 Q_0 K$$

L

		$Q_2 Q_1$			
		00	01	11	10
$Q_0 K$	00	1	1	0	0
	01	1	1	0	0
	11	1	1	0	0
	10	1	1	0	0

$$L = \bar{Q}_2$$

R

1	0	1	0
1	0	1	0
1	0	1	0
1	0	1	0

$$R = \bar{Q}_2 \bar{Q}_1 + Q_2 Q_1$$

