









	t en	coded t	ransi	tion table
present state $Q_3Q_2Q_1Q_0$	inputs D N	next state $D_3 D_2 D_1 D_0$	output open	
0001	0 0	0001	0	$D_0 = Q_0 D W$ $D_1 = Q_0 D + Q_1 D'N'$ $D_2 = Q_0 D + Q_1 N + Q_2 D'N'$ $D_3 = Q_1 D + Q_2 D + Q_2 N + Q$ $OPEN = Q_3$
	0 1	0010	0	
	1 0	0100	0	
	1 1		-	
0010	0 0	0010	0	
	0 1	0100	0	
	1 0	1000	0	
	1 1		-	
0 1 0 0	0 0	0 1 0 0	0	
	0 1	1000	0	
	1 0	1000	0	
	1 1		-	
1000		1000	1	

























