





















Une-no	t en	coded	liansi	
present state $Q_3Q_2Q_1Q_0$	inputs D N	next state $D_3 D_2 D_1 D_0$	output open	Reset
0001	0 0	0 0 0 1	0	D' N'
	0 1	0 0 1 0	0	
	1 0	0 1 0 0	0	
	1 1		_	D' N' ↓N
0010	0 0	0010	0	
	0 1	0 1 0 0	0	
	1 0	1000	0	
	1 1		-	
0100	0 0	0 1 0 0	0	
	01	1000	0	$\bigvee$ N + D
	1 0	1000	0	
	1 1		_	(open )'
1000		1000	1	•























