





















t en	coded t	ransi	tion table
inputs	next state	output	
•	$D_3 D_2 D_1 D_0$	open	Reset
0 0	0001	0	D' N'
0 1	0 0 1 0	0	
1 0	0 1 0 0	0	
1 1		-	
0 0	0010	0	$ _{5c} $
• •	0 1 0 0	0	
	1000	0	
		_	$D \left(10^{\circ} \right)^{\circ} D' N'$
		•	
• •		•	\bigvee N + D
	1000	0	$\begin{pmatrix} 15^{c} \\ \text{(open)} \end{pmatrix}^{1}$
1 1		-	
	1000	I	
າາ			12
	inputs D N 0 0 0 1 1 0 1 1 0 0	inputs next state D N $D_3 D_2 D_1 D_0$ 0 0 0 0 1 0 1 0 0 1 0 1 0 1 0 0 1 0 1 0 1 0 0 1 0 0 1 1 - - - - - - 0 0 1 0 0 1 0 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

























