

TABLE 2					
Present state		Data	Next state		Y
$Q_A$	$Q_B$		$Q_A^*$	$Q_B^*$	
0	0	0	0	1	0
0	0	1	1	1	0
0	1	0	0	1	0
0	1	1	1	1	0
1	0	0	0	0	0
1	0	1	1	0	0
1	1	0	0	0	1
1	1	1	1	0	1