

$CLK$	$Q_4$	$Q_3$	$Q_2$	$Q_1$	$Q_0$	
0	0	0	0	0	0	5 State
1	1	0	0	0	0	
2	0	1	0	0	0	
3	0	0	1	0	0	
4	0	0	0	1	0	
5	0	0	0	0	1	5 State
6	1	0	1	0	0	
7	0	1	0	0	0	
8	0	0	1	0	0	
9	0	0	0	1	0	
10	0	0	0	0	1	