Estado Atua	1 Evento (step = 1)	Ação	Próximo Estado
QØ	clockwise = 1 & half_step = 0	P0.[02] := 0001	Q6
	clockwise = 1 & half_step = 1		Q7
	clockwise = 0 & half_step = 0		Q2
	clockwise = 0 & half_step = 1		Q1
Q1	clockwise = 1	P0.[02] := 0011	Q0
	clockwise = 0		Q2
Q2	clockwise = 1 & half_step = 0	P0.[02] := 0010	Q0
	clockwise = 1 & half_step = 1		Q1
	clockwise = 0 & half_step = 0		Q4
	clockwise = 0 & half_step = 1		Q3
Q3	clockwise = 1	P0.[02] := 0110	Q2
	clockwise = 0		Q4
Q4	clockwise = 1 & half_step = 0	P0.[02] := 0100	Q2
	clockwise = 1 & half_step = 1		Q3
	clockwise = 0 & half_step = 0		Q6
	clockwise = 0 & half_step = 1		Q5
Q5	clockwise = 1	P0.[02] := 1100	Q4
	clockwise = 0		Q6
Q6	clockwise = 1 & half_step = 0	P0.[02] := 1000	Q4
	clockwise = 1 & half_step = 1		Q5
	clockwise = 0 & half_step = 0		Q0
	clockwise = 0 & half_step = 1		Q7
Q7	clockwise = 1	P0.[02] := 1001	Q6
	clockwise = 0		Q0