



$\text{XX} \cdot 01010101010101010$

$d_n=0 \Rightarrow Q=0$ $K=0 \left. \begin{matrix} J=1 \end{matrix} \right\} Q=1$ $K=0 \left. \begin{matrix} J=1 \end{matrix} \right\} Q=1$ $d_n=0 \Rightarrow Q=0$ $p_n=0 \Rightarrow Q=1$ $J=1 \ K=1 \Rightarrow Q=Q$

3- ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

$Q_n: 0 \ 0 \ 1 \ 1 \ 1 \ 1 \ 0 \ 0 \ 0 \ 0 \ 1 \ 1 \ 1 \ 1 \ 1 \ 0 \ 0$

$\overline{Q}_n: 1 \ 1 \ 0 \ 0 \ 0 \ 0 \ 1 \ 1 \ 1 \ 1 \ 0 \ 0 \ 0 \ 0 \ 0 \ 1 \ 1$

Obs.: 0 = nível baixo

1 = nível alto

4-

4- 1: nivel alto
 K1: 00100010001000100010

K2: 0000001000000001000000

K3: 10101010101010101010

Q0: 01100110011001100110

Q1: 00011110000111100001

Q2: 00000001111111100000

Q ₂	Q ₁	Q ₀	Decimal	Diagrama de est
0	0	0	0	<pre> graph TD 0((0)) --> 1((1)) 1 --> 2((2)) 2 --> 3((3)) 3 --> 4((4)) 4 --> 5((5)) 5 --> 6((6)) 6 --> 7((7)) 7 --> 0 </pre>
0	0	1	1	
0	1	0	2	
0	1	1	3	
1	0	0	4	
1	0	1	5	
1	1	0	6	
1	1	1	7	
0	0	0	0	
0	0	1	1	
0	1	0	2	