

$$1. RS: Q^{n+1} = S + \bar{R}Q$$

$$JK: Q^{n+1} = J\bar{Q} + \bar{K}Q$$

$$T: Q^{n+1} = T\bar{Q} + \bar{T}Q$$

$$D: Q^{n+1} = D$$

$$2. D_1 = \bar{Q}_3, D_2 = Q_1, D_3 = Q_2$$

$$Q_1^{n+1} = \bar{Q}_3, Q_2^{n+1} = Q_1, Q_3^{n+1} = Q_2$$

状态转移真值表：

Q_1	Q_2	Q_3	Q_1^{n+1}	Q_2^{n+1}	Q_3^{n+1}
0	0	0	1	0	0
0	0	1	0	0	0
0	1	0	1	0	1
0	1	1	0	0	1
1	0	0	1	1	0
1	0	1	0	1	0
1	1	0	1	1	1
1	1	1	0	1	1

* Moore型：状态转移图

(Q_1, Q_2, Q_3) →

000 → 100 → 110 → 111 → 011 → 001



功能：3位同步计数器

3.



Quark 夸克

高清扫描 还原文档