|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ESTADO PRESENTE** | | | | | **ESTADO FUTURO** | | | | |  |
| **Qa** | **Qb** | **Qc** | **Qd** | **Qe** | **Qa** | **Qb** | **Qc** | **Qd** | **Qe** | **No** |
| 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |
| 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 2 |
| 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 3 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 4 |
| 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 5 |
| 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 |
| 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 7 |
| 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 8 |
| 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 9 |
| 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 10 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Entradas** | | | | | | | | | |  |
| **Ja** | **Ka** | **Jb** | **Kb** | **Jc** | **Kc** | **Jd** | **Kd** | **Je** | **Ke** | **No** |
| X | 1 | X | 1 | X | 1 | X | 0 | X | 0 | 1 |
| 0 | X | 0 | X | 1 | X | X | 0 | X | 1 | 2 |
| 0 | X | 1 | X | X | 0 | X | 1 | 0 | X | 3 |
| 1 | X | X | 0 | X | 1 | 0 | X | 0 | X | 4 |
| X | 0 | X | 1 | 0 | X | 0 | X | 0 | X | 5 |
| X | 1 | 1 | X | 0 | X | 0 | X | 0 | X | 6 |
| 0 | X | X | 1 | 1 | X | 0 | X | 0 | X | 7 |
| 0 | X | 0 | X | X | 1 | 1 | X | 0 | X | 8 |
| 0 | X | 0 | X | 0 | X | X | 1 | 1 | X | 9 |
| 1 | X | 1 | X | 1 | X | 1 | X | X | 0 | 10 |

Ja = Qa’Qb’Qc’QdQe + Qa’QbQc’Qd’Qe

Ka = Qa’Qb’Qc’ + Qa’Qb’Qe

Jb = Qa’Qb’Qe’ + Qa’Qb’QcQd’ + Qa’QbQc’Qd’Qe

Kb = Qa’Qb’Qe’

Jc = Qa’Qb’Qd + Qa’Qc’Qd’Qe

Kc = Qa’Qb’Qd’ + Qa’Qb’Qe

Jd = Qa’Qc’Qd’ + Qa’Qb’QcQdQe

Kd = Qa’QbQc’Qd’ + Qa’Qb’Qc’QdQe’

Je = Qa’Qc’Qd’

Ke = Qa’Qc’Qd’Qe