|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| h |  |  |  |  |  |  |  |  |  |  |  |
| 1 |  | 00000 |  | 00000 |  |  |  |  |  |  |  |
| 2 |  | 00001 |  | load, ~mux, shift1, ~shift2 |  |  |  |  |  |
| 3 |  | 00001 |  | 00010 | 1 | load, mux, shift1, ~shift2 |  |  |  |  |  |
| 4 |  | 00010 |  | 00011 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 5 |  | 00011 |  | 00100 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 6 |  | 00100 |  | 00101 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 7 |  | 00101 |  | 00110 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 8 |  | 00110 |  | 00111 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 9 |  | 00111 |  | 01000 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 10 |  | 01000 |  | 01001 | 1 | load, mux, shift1, ~shift2 |  |  |  |  |  |
| 11 |  | 01001 |  | 01010 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 12 |  | 01010 |  | 01011 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 13 |  | 01011 |  | 01100 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 14 |  | 01100 |  | 01101 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 15 |  | 01101 |  | 01110 | 1 | load, mux, shift1, shift2 |  |  |  |  |  |
| 16 |  | 01110 |  | 01111 | 1 | load, mux, shift1, ~shift2 |  |  |  |  |  |
| 17 |  | 01111 |  | 10000 | 1 | load, mux, shift1, ~shift2 |  |  |  |  |  |
| 17 |  | 10000 |  | 000 |  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Состояние |  |  |  |  |  |
|  | 0 | 0 | 0 | 0 | 0 |
|  | 0 | 0 | 0 | 0 | 1 |
|  | 0 | 0 | 0 | 1 | 0 |
|  | 0 | 0 | 0 | 1 | 1 |
|  | 0 | 0 | 1 | 0 | 0 |
|  | 0 | 0 | 1 | 0 | 1 |
|  | 0 | 0 | 1 | 1 | 0 |
|  | 0 | 0 | 1 | 1 | 1 |
|  | 0 | 1 | 0 | 0 | 0 |
|  | 0 | 1 | 0 | 0 | 1 |
|  | 0 | 1 | 0 | 1 | 0 |
|  | 0 | 1 | 0 | 1 | 1 |
|  | 0 | 1 | 1 | 0 | 0 |
|  | 0 | 1 | 1 | 0 | 1 |
|  | 0 | 1 | 1 | 1 | 0 |
|  | 0 | 1 | 1 | 1 | 1 |
|  | 1 | 0 | 0 | 0 | 0 |