| | 0 input | | | 1 input | | |
|---|---|---|---|---|---|---|
| state | new state | output | | new state | output | |
| A | A | | 0 | B | | 0 |
| B | C | | 0 | D | | 0 |
| C | E | | 0 | F | | 0 |
| D | G | | 1 | H | | 0 |
| E | A | | 0 | B | | 0 |
| F | C | | 0 | D | | 0 |
| G | E | | 0 | F | | 0 |
| H | G | | 1 | H | | 0 |

| | 0 input | | | 1 input | | |
|---|---|---|---|---|---|---|
| state | new state | output | | new state | output | |
| A | A | | 0 | B | | 0 |
| B | C | | 0 | D | | 0 |
| C | E | | 0 | F | | 0 |
| E | A | | 0 | B | | 0 |
| F | C | | 0 | D | | 0 |
| G | E | | 0 | F | | 0 |
| D | G | | 1 | H | | 0 |
| H | G | | 1 | H | | 0 |

| | 0 input | | | 1 input | | |
|---|---|---|---|---|---|---|
| state | new state | output | | new state | output | |
| A | A | | 0 | B | | 0 |
| C | E | | 0 | F | | 0 |
| E | A | | 0 | B | | 0 |
| G | E | | 0 | F | | 0 |
| B | C | | 0 | D | | 0 |
| F | C | | 0 | D | | 0 |
| D | G | | 1 | H | | 0 |
| H | G | | 1 | H | | 0 |

| | 0 input | | | 1 input | | |
|---|---|---|---|---|---|---|
| state | new state | output | | new state | output | |
| A,C,E,G | A,C,E,G | | 0 | B,F | | 0 |
| B,F | A,C,E,G | | 0 | D,H | | 0 |
| D,H | A,C,E,G | | 1 | D,H | | 0 |