Latch

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test scenario | D | Clk | Q | Nq |
|  | 1 | 0 | X | X |
| 1 | 1 | 1 | 1 | 0 |
| 2 | 0 | 1 | 0 | 1 |
| 3 | 0 | 0 | 0 | 1 |
| 4 | 1 | 0 | 0 | 1 |