ביטוי לZ: z=[((s nand s) nand d0) nand (s nand d1)]

|  |  |  |  |
| --- | --- | --- | --- |
| S | D0 | D1 | Z |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 1 |
| 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 1 |

**טבלת אמת**

**טבלת זמנים**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Path | D0 | D1 | Sel | Tpd |
| D0G2G4 | 0to1 | 0 | 0 | 7 |
| D0G2G4 | 1to0 | 0 | 0 | 7 |
| D1G3G4 | 0 | 0to1 | 0 | 7 |
| D1G3G4 | 0 | 1to0 | 0 | 7 |
| SG1G2G4 | 1 | 0 | 0to1 | 13 |
| SG1G2G4 | 1 | 0 | 1to0 | 8 |
| SG3G4 | 0 | 1 | 0to1 | 7 |
| SG3G4 | 0 | 1 | 1to0 | 7 |

**ת.ז נבחרת: 212363295**

מימשנו רק עם שערי nand ועבורם:

Tpdhl = 6, Tpdlh = 1