|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Gate no | Propagation delay | Average Power | Power delay Product | Cell area | No. transistors | No. of DRC | No. LVS Mismatches |
| NAND | 143.8E-12 | 107.7E-9 | 1.587E-17 | 9.6288 micrometer | 6 | 0 | 0 |
| AND | 165.1E-12 | 188.0E-9 | 3.103E-17 | 19.516 micrometer | 8 | 0 | 0 |
| NOR | 40.83E-12 | 155.3E-9 | 6.341E-18 | 31.014  micrometer | 6 | 0 | 0 |
| OR | 56.16E-12 | 280.4E-9 | 1.574E-17 | 36.636  micrometer | 8 | 0 | 0 |
| XOR | 11.17E-12 | 361.9E-9 | 4.042E-18 | 37.0821 micrometer | 14 | 0 | 0 |
| XNOR | 10.24E-12 | 311.0E-9 | 3.184E-18 | 33.7800 micrometer | 14 | 0 | 0 |