|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Circuit | N | States | Verification Time (sec) | | | | | | | | | | |
| IND\_TOOL | | | | Mpsat | | | | ESSET | | |
| Deadlock | Compliance | Persistency | Deadlock | | Compliance | Persistency | Deadlock | | Compliance | Persistency |
| Async Counter | 8 | 3570 | 11.4 | 25 | 141 | 8.7 | | 8.8 | 10.1 | 0.68 | | 0.69 | 0.68 |
| 9 | 7154 | 12 | 27 | 272 | 30 | | 30 | 37 | 1.9 | | 1.9 | 1.9 |
| 10 | 14322 | 27 | 56 | 672 | 133 | | 133 | 159 | 5.6 | | 5.6 | 5.6 |
| C-element | 8 | 512 | 19 | 63 | 28 | 0 | | 0 | 0 | 0.2 | | 0.2 | 0.2 |
| 9 | 1024 | 46 | 73 | 72.8 | 0 | | 0 | 0 | 0.26 | | 0.26 | 0.26 |
| 10 | 2048 | 204 | 245 | 239 | 0 | | 0 | 0 | 0.48 | | 0.48 | 0.48 |
| Ring Oscillator | 21 | 42 | 5.7 | 9.3 | 4.66 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 31 | 62 | 6 | 25.8 | 11.2 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 41 | 82 | 6.75 | 55.7 | 17.3 | 0 | | 0 | 0 | 0 | | 0 | 0 |
| 51 | 102 | 7 | 108 | 25.6 | 0 | | 0 | 0 | 0 | | 0 | 0 |