| Function | c | Synopsys DC | | Yosys | | GTD | MFE |
|---|---|---|---|---|---|---|---|
| | | Non-XOR | Total gates | Non-XOR | Total gates | | |
| Compare | 1 | 16,384 | 65,536 | 16,383 | 32,767 | 0% | 2.00 |
| 16284 | 16,384 | 1 | 4 | 1 | 3 | 0% | 1.33 |
| Hamming | 1 | 158 | 1,039 | 158 | 1,158 | 0% | 0.90 |
| 160 | 32 | 10 | 41 | 10 | 48 | 0% | 0.85 |
| Hamming | 1 | 1,597 | 10,679 | 1,597 | 11,364 | 0% | 0.94 |
| 1600 | 320 | 13 | 47 | 13 | 57 | 0% | 0.82 |
| Hamming | 1 | 15,994 | 107,226 | 15,994 | 112,421 | 0% | 0.95 |
| 16000 | 3,200 | 16 | 53 | 16 | 66 | 0% | 0.80 |
| | 1 | 127 | 634 | 127 | 763 | 0% | 0.83 |
| Sum 128 | 64 | 2 | 10 | 2 | 14 | 0% | 0.71 |
| | 128 | 1 | 5 | 1 | 7 | 0% | 0.71 |
| Sum 256 | 1 | 255 | 1,274 | 255 | 1,531 | 0% | 0.83 |
| | 256 | 1 | 5 | 1 | 7 | 0% | 0.71 |
| Sum 1024 | 1 | 1,023 | 5,114 | 1,023 | 6,139 | 0% | 0.83 |
| | 1,024 | 1 | 5 | 1 | 7 | 0% | 0.71 |