|  |  |  |
| --- | --- | --- |
| **Binary Number** | **1's Complement** | **2's complement** |
| 0000 | 1111 | 0000 |
| 0001 | 1110 | 1111 |
| 0010 | 1101 | 1110 |
| 0011 | 1100 | 1101 |
| 0100 | 1011 | 1100 |
| 0101 | 1010 | 1011 |
| 0110 | 1001 | 1010 |
| 0111 | 1000 | 1001 |
| 1000 | 0111 | 1000 |
| 1001 | 0110 | 0111 |
| 1010 | 0101 | 0110 |
| 1011 | 0100 | 0101 |
| 1100 | 0011 | 0100 |
| 1101 | 0010 | 0011 |
| 1110 | 0001 | 0010 |
| 1111 | 0000 | 0001 |