|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **C1** | **C0** | **G** | **N1** | **N0** | **A** | **B** | **D** | **E** |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 |
| 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **A** | **C0G** | **C0’G** | **C0’G’** | **C0G’** | **A =** C1’ |
| **C1** | 0 | 0 | 0 | 0 |
| **C1’** | 1 | 1 | 1 | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **B** | **C0G** | **C0’G** | **C0’G’** | **C0G’** | **B =** C1C0’ + C1’C0 |
| **C1** | 0 | 1 | 1 | 0 |
| **C1’** | 1 | 0 | 0 | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **D** | **C0G** | **C0’G** | **C0’G’** | **C0G’** | **D =** C0 |
| **C1** | 1 | 0 | 0 | 1 |
| **C1’** | 1 | 0 | 0 | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **E** | **C0G** | **C0’G** | **C0’G’** | **C0G’** | **E =** C0’ + C1 |
| **C1** | 1 | 1 | 1 | 1 |
| **C1’** | 0 | 1 | 1 | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **N0** | **C0G** | **C0’G** | **C0’G’** | **C0G’** | **N0 =** G’(C1 + C0) + C1’C0’G |
| **C1** | 0 | 0 | 1 | 1 |
| **C1’** | 0 | 1 | 0 | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **N1** | **C0G** | **C0’G** | **C0’G’** | **C0G’** | **N1 =** C0C1’ |
| **C1** | 0 | 0 | 0 | 0 |
| **C1’** | 1 | 0 | 0 | 1 |