|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **b­3b2 \ b1b0** | **00** | **01** | **11** | **10** |
| **00** | 0 | 0 | 1 | 1 |
| **01** | 1 | 1 | 0 | 1 |
| **11** | 1 | 1 | 1 | 1 |
| **10** | 1 | 1 | 1 | 1 |

**A**

A = b2b1’ + b3 + b1b0’ + b2’b1

**B**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **b­3b2 \ b1b0** | **00** | **01** | **11** | **10** |
| **00** | 1 | 0 | 0 | 0 |
| **01** | 1 | 1 | 0 | 1 |
| **11** | 1 | 1 | 1 | 1 |
| **10** | 1 | 1 | 1 | 1 |

B = b3 + b1’b0’ + b0’b2 + b1’b2

**C**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **b­3b2 \ b1b0** | **00** | **01** | **11** | **10** |
| **00** | 1 | 0 | 1 | 1 |
| **01** | 0 | 1 | 1 | 0 |
| **11** | 1 | 1 | 1 | 1 |
| **10** | 1 | 1 | 1 | 1 |

C = b3 + b0b2 + b1b3’b2’ + b0’b1’b2’b3’

**D**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **b­3b2 \ b1b0** | **00** | **01** | **11** | **10** |
| **00** | 1 | 1 | 1 | 1 |
| **01** | 1 | 0 | 1 | 0 |
| **11** | 0 | 0 | 0 | 0 |
| **10** | 1 | 1 | 0 | 0 |

D = b3’b2’ + b1b0b3’ + b1’b0’b3’ + b1’b3b2’

**E**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **b­3b2 \ b1b0** | **00** | **01** | **11** | **10** |
| **00** | 1 | 0 | 0 | 1 |
| **01** | 0 | 0 | 0 | 1 |
| **11** | 1 | 1 | 1 | 1 |
| **10** | 1 | 0 | 1 | 1 |

E = b0’b1’b2’b3’ + b1b0’ + b3b2 + b1b3 + b1’b0’b3

**F**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **b­3b2 \ b1b0** | **00** | **01** | **11** | **10** |
| **00** | 1 | 0 | 1 | 1 |
| **01** | 0 | 1 | 0 | 1 |
| **11** | 1 | 1 | 1 | 1 |
| **10** | 1 | 1 | 1 | 1 |

F = b1b0’ + b3 + b0’b1’b2’b3’ + b1’b0b2 + b3’b2’b1

**G**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **b­3b2 \ b1b0** | **00** | **01** | **11** | **10** |
| **00** | 1 | 1 | 1 | 0 |
| **01** | 1 | 1 | 1 | 1 |
| **11** | 0 | 0 | 0 | 0 |
| **10** | 1 | 1 | 0 | 0 |

G = b1’b3’ + b0b3’ + b3’b2 + b3b2’b1’

**H**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **b­3b2 \ b1b0** | **00** | **01** | **11** | **10** |
| **00** | 0 | 0 | 0 | 0 |
| **01** | 0 | 0 | 0 | 0 |
| **11** | 1 | 1 | 1 | 1 |
| **10** | 0 | 0 | 1 | 1 |

H = b3b2 + b1b3