Prelab:

Truth Table

| 0000 | 100 |
| --- | --- |
| 0001 | 011 |
| 0010 | 010 |
| 0011 | 010 |
| 0100 | 001 |
| 0101 | 001 |
| 0110 | 001 |
| 0111 | 001 |
| 1000 | 000 |
| 1001 | 000 |
| 1010 | 000 |
| 1011 | 000 |
| 1100 | 000 |
| 1101 | 000 |
| 1110 | 000 |
| 1111 | 000 |

K-map & Circuit Schematic

