|  |  |  |  |
| --- | --- | --- | --- |
| **SELECTION** | **LOGIC FUNCTION** | **ARITHMETIC (NO CARRY)** | **ARITHMETIC (W/ CARRY)** |
| 0000 (0) | NOT | — | INC |
| 0001 (1) | NOR | — | — |
| 0100 (4) | NAND | — | — |
| 0110 (6) | XOR | SBB | SUB |
| 1001 (9) | XNOR | ADD | ADC |
| 1011 (B) | AND | — | — |
| 1100 (C) | — | SHL | — |
| 1101 (D) | — | — | — |
| 1110 (E) | OR | — | — |
| 1111 (F) | — | DEC | — |