|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 运算数据 | 运算类型 | 操作码OP | 运算结果result | 标志位C | | 标志位Z | |
| 运算前 | 运算后 | 运算前 | 运算后 |
| 第1组数据  A=0xAAAA  B=0x5555 | result🡨A+B | 000 | 1111111111111111 | 0 | 0 | | 0 | 0 | |
| result🡨A+1 | 001 | 1010101010101011 | 0 | 0 | | 1 | 0 | |
| result🡨A-B | 010 | 0101010101010101 | 0 0 | | 1 0 | |
| result🡨A-1 | 011 | 1010101010101001 | 0 0 | | 1 0 | |
| result🡨A and B | 100 | 0000000000000000 | 0 0 | | 0 1 | |
| result🡨A or B | 101 | 1111111111111111 | 0 0 | | 0 0 | |
| result🡨not B | 110 | 1010101010101010 | 0 0 | | 1 0 | |
| result🡨 B | 111 | 0101010101010101 | 1 0 | | 0 0 | |
| 第2组数据  A=0xFFFF  B=0x0000 | result🡨A+B | 000 | 1111111111111111 | 0 0 | | 0 0 | |
| result🡨A+1 | 001 | 0000000000000000 | 0 1 | | 1 1 | |
| result🡨A-B | 010 | 1111111111111111 | 1 0 | | 1 0 | |
| result🡨A-1 | 011 | 1111111111111110 | 1 0 | | 0 0 | |
| result🡨A and B | 100 | 0000000000000000 | 0 0 | | 0 1 | |
| result🡨A or B | 101 | 1111111111111111 | 0 0 | | 0 1 | |
| result🡨not B | 110 | 0000000000000000 | 0 0 | | 1 0 | |
| result🡨 B | 111 | 0000000000000000 | 0 0 | | 0 0 | |
| 第3组数据  A=0x0000  B=0xFFFF | result🡨A+B | 000 | 1111111111111111 | 0 0 | | 1 0 | |
| result🡨A+1 | 001 | 0000000000000001 | 0 0 | | 1 0- | |
| result🡨A-B | 010 | 0000000000000001 | 0 1 | | 1 0 | |
| result🡨A-1 | 011 | 1111111111111111 | 0 1 | | 1 0 | |
| result🡨A and B | 100 | 0000000000000000 | 0 0 | | 1 1 | |
| result🡨A or B | 101 | 1111111111111111 | 0 0 | | 1 0 | |
| result🡨not B | 110 | 0000000000000000 | 0 0 | | 1 1 | |
| result🡨 B | 111 | 1111111111111111 | 0 0 | | 1 1 | |
| 第4组数据  A=0x8950  B=0x9863 | result🡨A+B | 000 | 0010000110110011 | 0 0 | | 1 0 | |
| result🡨A+1 | 001 | 1000100101010001 | 0 0 | | 1 0 | |
| result🡨A-B | 010 | 1111000011101101 | 1 1 | | 0 0 | |
| result🡨A-1 | 011 | 1000100101001111 | 0 0 | | 1 0 | |
| result🡨A and B | 100 | 1000100001000000 | 0 0 | | 0 0 | |
| result🡨A or B | 101 | 1001100101110011 | 0 0 | | 0 0 | |
| result🡨not B | 110 | 0110011110011100 | 0 0 | | 1 0 | |
| result🡨 B | 111 | 1001100001100011 | 0 0 | | 0 0 | |