**Register Mode (AND)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 17 16 | 15 | 14 13 | 12 11 | 10 0 |
| Type | Operation | Register 1 | Register 2 | Unused |
| 00 | 0 | 00 | 10 | 00000000000 |

**Register Mode (SUB)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 17 16 | 15 | 14 13 | 12 11 | 10 0 |
| Type | Operation | Register 1 | Register 2 | Unused |
| 00 | 1 | 10 | 00 | 00000000000 |

**Immediate Mode (AND)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 17 16 | 15 | 14 13 | 12 7 | 6 0 |
| Type | Operation | Register 1 | Immediate value | Unused |
| 01 | 0 | 10 | 000010 | 0000000 |

**Immediate Mode (SUB)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 17 16 | 15 | 14 13 | 12 7 | 6 0 |
| Type | Operation | Register 1 | Immediate value | Unused |
| 01 | 1 | 01 | 000001 | 0000000 |

**Branching Mode (JNC)**

|  |  |  |  |
| --- | --- | --- | --- |
| 17 16 | 15 | 14 11 | 10 0 |
| Type | Operation | Address | Unused |
| 10 | 0 | 0001 | 00000000000 |