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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Instrução** | **Parâmetros** | **D8** | **D7** | **D6** | **D5** | **D4** | **D3** | **D2** | **D1** | **D0** |
| MOV | Rn, Const 5 | 0 | 0 | 0 | C4 | C3 | C2 | C1 | C0 | Rn |
| MOV | A, Rn | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | Rn |
| MOV | Rn, A | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | Rn |
| MOV | A, @Rn | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | Rn |
| MOV | @Rn, A | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | Rn |
| CPLF |  | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| NOT | A | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 |
| AND | A, Rn | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | Rn |
| OR | A, Rn | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | Rn |
| ADDC | A, Rn | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | Rn |
| SUBB | A, Rn | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | Rn |
| JC | Rel 6 | 0 | 1 | 1 | R5 | R4 | R3 | R2 | R1 | R0 |
| JNZ | Rel 6 | 1 | 0 | 0 | R5 | R4 | R3 | R2 | R1 | R0 |
| JOv | Rel 6 | 1 | 0 | 1 | R5 | R4 | R3 | R2 | R1 | R0 |
| JMP | End7 | 1 | 1 | E6 | E5 | E4 | E3 | E2 | E1 | E0 |

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| **Instrução** | **Parâmetros** | **D8** | **D7** | **D6** | **D5** | **D4** | **D3** | **C** | **NZ** | **Ov** | **Sinais Ativos** |
| MOV | Rn, Const 5 | 0 | 0 | 0 | - | - | - | - | - | - | EnAux, EnRn |
| MOV | A, Rn | 0 | 1 | 0 | 0 | 0 | 0 | - | - | - | A0, EnA |
| MOV | Rn, A | 0 | 1 | 0 | 0 | 0 | 1 | - | - | - | EnRn |
| MOV | A, @Rn | 0 | 1 | 0 | 0 | 1 | 1 | - | - | - | EnA, RD/ |
| MOV | @Rn, A | 0 | 1 | 0 | 0 | 1 | 0 | - | - | - | WR/ |
| CPLF |  | 0 | 0 | 1 | 0 | 1 | 1 | - | - | - | EnC, EnOv, EnZ |
| NOT | A | 0 | 0 | 1 | 0 | 1 | 0 | - | - | - | A1, EnA, EnZ |
| AND | A, Rn | 0 | 0 | 1 | 1 | 0 | 0 | - | - | - | A1, EnA, EnZ |
| OR | A, Rn | 0 | 0 | 1 | 1 | 0 | 1 | - | - | - | A1, EnA, EnZ |
| ADDC | A, Rn | 0 | 0 | 1 | 1 | 1 | 0 | - | - | - | A1, EnC, EnOv, EnZ, EnA |
| SUBB | A, Rn | 0 | 0 | 1 | 1 | 1 | 1 | - | - | - | A1, EnC, EnOv, EnZ, EnA |
| JC | Rel 6 | 0 | 1 | 1 | - | - | - | 1 | - | - | JC |
| JC | Rel 6 | 0 | 1 | 1 | - | - | - | 0 | - | - |  |
| JNZ | Rel 6 | 1 | 0 | 0 | - | - | - | - | 0 | - |  |
| JNZ | Rel 6 | 1 | 0 | 0 | - | - | - | - | 1 | - | JNZ |
| JOv | Rel 6 | 1 | 0 | 1 | - | - | - | - | - | 1 | JOV |
| JOv | Rel 6 | 1 | 0 | 1 | - | - | - | - | - | 0 |  |
| JMP | End7 | 1 | 1 | - | - | - | - | - | - | - | JMP |

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| **D8** | **D7** | **D6** | **D5** | **D4** | **D3** | **Sinais Ativos** | **EnC** | **EnZ** | **EnOv** | **WR/** | **RD/** | **EnA** | **A0** | **A1** | **EnRn** | **JC** | **JNZ** | **JOv** | **JMP** | **EnAux** | **Hex** |
| 0 | 0 | 0 | - | - | - | EnAux, EnRn | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 621h |
| 0 | 1 | 0 | 0 | 0 | 0 | A0, EnA | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 780h |
| 0 | 1 | 0 | 0 | 0 | 1 | EnRn | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 620h |
| 0 | 1 | 0 | 0 | 1 | 1 | EnA, RD/ | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500h |
| 0 | 1 | 0 | 0 | 1 | 0 | WR/ | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200h |
| 0 | 0 | 1 | 0 | 1 | 1 | EnC, EnOv, EnZ | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3E00h |
| 0 | 0 | 1 | 0 | 1 | 0 | A1, EnA, EnZ | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1740h |
| 0 | 0 | 1 | 1 | 0 | 0 | A1, EnA, EnZ | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1740h |
| 0 | 0 | 1 | 1 | 0 | 1 | A1, EnA, EnZ | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1740h |
| 0 | 0 | 1 | 1 | 1 | 0 | A1, EnC, EnOv, EnZ, EnA | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3F40h |
| 0 | 0 | 1 | 1 | 1 | 1 | A1, EnC, EnOv, EnZ, EnA | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3F40h |
| 0 | 1 | 1 | - | - | - | JC | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 610h |
| 1 | 0 | 0 | - | - | - | JNZ | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 608h |
| 1 | 0 | 1 | - | - | - | JOV | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 604h |
| 1 | 1 | - | - | - | - | JMP | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 602h |

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| **A5** | **A4** | **A3** | **A2** | **A1** | **A0** | **Gama de** | **D13** | **D12** | **D11** | **D10** | **D9** | **D8** | **D7** | **D6** | **D5** | **D4** | **D3** | **D2** | **D1** | **D0** | **Hex** |
| D8 | D7 | D6 | D5 | D4 | D3 | **Endereços (HEX)** | **EnC** | **EnZ** | **EnOv** | **WR/** | **RD/** | **EnA** | **A0** | **A1** | **EnRn** | **JC** | **JNZ** | **JOv** | **JMP** | **EnAux** | **Hex** |
| 0 | 0 | 0 | - | - | - | [0, 7] | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 621h |
| 0 | 1 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 780h |
| 0 | 1 | 0 | 0 | 0 | 1 | 11 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 620h |
| 0 | 1 | 0 | 0 | 1 | 1 | 13 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500h |
| 0 | 1 | 0 | 0 | 1 | 0 | 12 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200h |
| 0 | 0 | 1 | 0 | 1 | 1 | B | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3E00h |
| 0 | 0 | 1 | 0 | 1 | 0 | A | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1740h |
| 0 | 0 | 1 | 1 | 0 | 0 | C | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1740h |
| 0 | 0 | 1 | 1 | 0 | 1 | D | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1740h |
| 0 | 0 | 1 | 1 | 1 | 0 | E | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3F40h |
| 0 | 0 | 1 | 1 | 1 | 1 | F | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3F40h |
| 0 | 1 | 1 | - | - | - | [18, 1F] | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 610h |
| 1 | 0 | 0 | - | - | - | [20, 27] | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 608h |
| 1 | 0 | 1 | - | - | - | [28, 2F] | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 604h |
| 1 | 1 | - | - | - | - | [30, 3F] | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 602h |
|  |  |  |  |  |  | [8, 9] | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 600h |