|  |  |
| --- | --- |
| **Instruções** | **Necessárias** |
| SLL | SLLV |
| SRL | SRLV |
| ROTR | ROTR |
| SRA | SRLV |
| SRLV | SRLV |
| SLLV | SLLV |
| ROTV | ROTV |
| SRAV | SRLV |
| JR | JR |
| JALR | JALR |
| MOVEZ | EQUAL |
| MOVEN | EQUAL |
| MFHI | MFHI |
| MTHI | MFHI |
| MFLO | MFLO |
| MTLO | MFLO |
| MULT | MULT |
| MULTU | MULTU |
| DIV | DIV |
| DIVU | DIVU |
| ADD | ADD |
| ADDU | ADDU |
| SUB | SUB |
| SUBU | SUBU |
| AND | AND |
| OR | OR |
| XOR | XOR |
| NOR | NOR |
| SLT | SLT |
| SLTU | SLTU |
| MADD | MADD |
| MADDU | MADD |
| MUL | MUL |
| MSUB | MSUB |
| MSUBU | MSUBU |
| CLZ | CLZ |
| CLO | CLO |
| SEB | SEB |
| SEH | SEH |
| WSBH | WSBH |
| BLTZ | BLTZ |
| BEQ | BEQ |
| BNE | BNE |
| BGTZ | BGTZ |
| ADDI | ADD |
| ADDIU | ADDU |
| SLTI | SLT |
| SLTIU | SLTU |
| ANDI | AND |
| ORI | OR |
| XORI | XOR |
| LUI | LUI |
| LB | LB |
| LH | LH |
| LW | ADDU |
| SB | ADDU |
| SH | ADDU |
| SW | ADDU |
| J | J |
| JAL | JAL |