| TIPO | OPCODE | MUX (BEQ/JMP) | MUX (RT/RD) | HAB ESCRITA REG | MUX (RT/IMEDIATO) | ULA OP (1) | ULA OP (0) | MUX (ULA/MEM) | BEQ | HAB LEITURA MEM | HAB ESCRITA MEM |
|------------|--------|---------------|-------------|-----------------|-------------------|------------|------------|---------------|-----|-----------------|-----------------|
| R | 000000 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | X | 0 |
| J | 000010 | 1 | X | 0 | X | X | Х | X | X | X | 0 |
| BEQ | 000100 | 0 | X | 0 | 0 | 0 | 1 | X | 1 | X | 0 |
| LW | 100011 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| SW | 101011 | 0 | 0 | 0 | 1 | 0 | 0 | X | 0 | X | 1 |
| | | | | | | | | | | | |
| OPCODE ULA | INST | CODIGO ULA | | | | | | | | | |
| 00 | ADD | 100000 | | | | | | | | | |
| 01 | SUB | 100010 | | | | | | | | | |
| 10 | FUNCT | FUNCT | | | | | | | | | |