**PROCESSADOR EXPERIMENTAL SIMPLIFICADO PARA AULA DE PROGRAMAÇÃO DE SISTEMAS**

Prof. Mirkos O. Martins

**Palavra do Processador**: 16 bits

**Comando**: 4 bits

**Primeiro Parâmetro**: 6 bits

**Segundo Parâmetro**: 6 bits

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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COMANDOS:

|  |  |  |  |
| --- | --- | --- | --- |
| BINÁRIO | MNEMÔNICO | DESCRIÇÃO | EXEMPLO |
| 0000 | LOAD |  |  |
| 0001 | STORE |  |  |
| 0010 | ADD |  |  |
| 0011 | SUB |  |  |
| 0100 | MULT |  |  |
| 0101 | DIV |  |  |
| 0110 |  |  |  |
| 0111 |  |  |  |
| 1000 |  |  |  |
| 1001 |  |  |  |
| 1010 |  |  |  |
| 1011 |  |  |  |
| 1100 |  |  |  |
| 1101 |  |  |  |
| 1110 |  |  |  |
| 1111 | HALT |  |  |