|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Адрес  (РС) | Мнекомокод | Микрокоманда | ОЗУ | | CR | | | АУ | | Ячейка | |
| MAR | MDR | COP | TA | ADR | Асс | DR | 008 | @008 |
| 000 | NOP | MAR := PC | 000 | 000000 | 00 | 0 | 000 | 000000 | 000000 | 000000 | 000000 |
|  |  | MRd | 000 | 010000 |  |  |  |  |  |  |  |
|  |  | CR := MDR |  |  | 01 |  |  |  |  |  |  |
|  |  | PC := PC + 1 |  |  |  |  |  |  |  |  |  |
|  |  | Acc := IR |  |  |  |  |  | 000009 |  |  |  |
| 001 | WR 008 | MAR := PC | 001 |  |  |  |  |  |  |  |  |
|  |  | MRd |  | 220008 |  |  |  |  |  |  |  |
|  |  | CR := MDR |  |  | 22 |  | 008 |  |  |  |  |
|  |  | PC := PC + 1 |  |  |  |  |  |  |  |  |  |
|  |  | MAR := ADR | 008 |  |  |  |  |  |  |  |  |
|  |  | MDR := Acc |  | 000009 |  |  |  |  |  |  |  |
|  |  | MWr |  |  |  |  |  |  |  | 000009 |  |
| 002 | DIV #004 | MAR := PC | 002 |  |  |  |  |  |  |  |  |
|  |  | MRd |  | 261004 |  |  |  |  |  |  |  |
|  |  | CR := MDR |  |  | 26 | 1 | 004 |  |  |  |  |
|  |  | PC := PC+1 |  |  |  |  |  |  |  |  |  |
|  |  | DR := ADR |  |  |  |  |  |  | 000004 |  |  |
|  |  | ALU <-- COP |  |  |  |  |  |  |  |  |  |
|  |  | Start ALU |  |  |  |  |  | 000002 |  |  |  |
| 003 | WR @008 | MAR := PC | 003 |  |  |  |  |  |  |  |  |
|  |  | MRd |  |  |  |  |  |  | 000005 |  |  |
|  | WR @30 | CR := MDR |  |  |  |  |  | 000025 |  |  |  |