**pCycle - INSTRUCTION SET**

**INSTRUKCE SKOKU**

|  |  |
| --- | --- |
| OP | ADR7 |

|  |  |  |
| --- | --- | --- |
| **OPCODE** |  |  |
| 1 | - | JMP |

**INSTRUKCE SE DVĚMA OPERANDY**

|  |  |  |
| --- | --- | --- |
| 0 | OPCODE | ADR4 |

|  |  |  |  |
| --- | --- | --- | --- |
| **OPCODE** | |  |  |
| 0 | 0 | - | SB A.bADR |
| 0 | 1 | - | SNB A.bADR |
| 1 | 0 | - | SETB A.bADR |
| 1 | 1 | - | CLRB A.bADR |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **OPCODE** | | |  |  |
| 0 | 0 | 1 | - | CPY A,#ADR4 |
| 0 | 1 | 0 | - | CPY A,ADR4 |
| 0 | 1 | 1 | - | CPY M,ADR4 |
| 1 | 0 | 0 | - | ADD A,ADR4 |
| 1 | 0 | 1 | - | SUB A,ADR4 |
| 1 | 1 | 0 | - | XOR A,ADR4 |
| 1 | 1 | 1 | - | NAND A,ADR4 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 0 | 0 | 0 | 0 | OPCO | bADR |

**BITOVÉ INSTRUKCE**