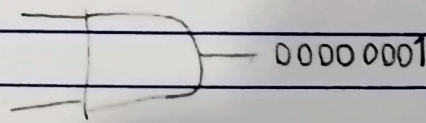


Data	Computador de 8 bits	OBSERVAÇÕES	Set de instruções
1	NOP	opcode: 0000	No operation
2	LDA	opcode: 0001	Load Accumulator
3	LDI	opcode: 0010	Load Immediate
4	STA	opcode: 0011	Store Accumulator
5	ADD	opcode: 0100	Add
6	SUB	opcode: 0101	subtract
7	AND	opcode: 0110	And Logic
8	ORL	opcode: 0111	OR Logic
9	XOR	opcode: 1000	XOR Logic
10	NOT	opcode: 1001	NOT Logic
11	JMP	opcode: 1010	Jump
12	OUT	opcode: 1110	output
13	HLT	opcode: 1111	Halt

Programa - P A

Data	OBSERVAÇÕES		Programa Arithmetic
MAR-DIP	RAM-DIP		
	OP CODE		ADDRESS
0000	0001	LDA	1000
0001	0100	ADD	1001
0010	1110	OUTPUT	0000
0011	1010	JUMP	0001
1000	0000	NoP	Valor 2 0010 0010
1001	0000	NoP	

Data	OBSERVAÇÕES		
SEC	→ 0	seleciona o Manual - clock	
	→ 1	seleciona o Automatic - clock	
MAR-DIP	RAM-DIP		Programa Logic
	OP CODE	ADDRESS	
0000	0001 LDA	1000	
0001	0110 AND	1001	
0011	1110 OUTPOP	0000	
0011	1111 HALT	0000	
1000	0000 NOP	0001	
1001	0000 NOP	0011	