	Instruccion	Operandos	Opcode	Señales											Dummy1	Dummy2
				enableA	enableB	SelA1	SelA0	SelB1	SelB0	selALU2	selALU1	selALU0	loadPC	w		
1	MOV	A, B	0000001	1	0	0	1	0	0	0	0	0	0	0	0	0
2		B, A	0000010	0	1	0	0	0	1	0	0	0	0	0	0	0
3		A, Lit	0000011	1	0	0	1	1	0	0	0	0	0	0	0	0
4		B, Lit	0000100	0	1	0	1	1	0	0	0	0	0	0	0	0
5		A, (Dir)	0000101	1	0	0	1	1	1	0	0	0	0	0	0	0
6		B, (Dir)	0000110	0	1	0	1	1	1	0	0	0	0	0	0	0
7		(Dir), A	0000111	0	0	0	0	0	1	0	0	0	0	1	0	0
8		(Dir), B	0001000	0	0	0	1	0	0	0	0	0	0	1	0	0
9	ADD	A, B	0001001	1	0	0	0	0	0	0	0	0	0	0	0	0
10		B, A	0001010	0	1	0	0	0	0	0	0	0	0	0	0	0
11		A, Lit	0001011	1	0	0	0	1	0	0	0	0	0	0	0	0
12		B, Lit	0001100	0	1	0	0	1	0	0	0	0	0	0	0	0
13		A, (Dir)	0001101	1	0	0	0	1	1	0	0	0	0	0	0	0
14		B, (Dir)	0001110	0	1	0	0	1	1	0	0	0	0	0	0	0
15		(Dir)	0001111	0	0	0	0	0	0	0	0	0	0	1	0	0
16	SUB	A, B	0010000	1	0	0	0	0	0	0	0	1	0	0	0	0
17		B, A	0010001	0	1	0	0	0	0	0	0	1	0	0	0	0
18		A, Lit	0010010	1	0	0	0	1	0	0	0	1	0	0	0	0
19		B, Lit	0010011	0	1	0	0	1	0	0	0	1	0	0	0	0
20		A, (Dir)	0010100	1	0	0	0	1	1	0	0	1	0	0	0	0
21		B, (Dir)	0010101	0	1	0	0	1	1	0	0	1	0	0	0	0
22		(Dir)	0010110	0	0	0	0	0	0	0	0	1	0	1	0	0
23	AND	A, B	0010111	1	0	0	0	0	0	0	1	0	0	0	0	0
24		B, A	0011000	0	1	0	0	0	0	0	1	0	0	0	0	0
25		A, Lit	0011001	1	0	0	0	1	0	0	1	0	0	0	0	0
26		B, Lit	0011010	0	1	0	0	1	0	0	1	0	0	0	0	0
27		A, (Dir)	0011011	1	0	0	0	1	1	0	1	0	0	0	0	0
28		B, (Dir)	0011100	0	1	0	0	1	1	0	1	0	0	0	0	0
29		(Dir)	0011101	0	0	0	0	0	0	0	1	0	0	1	0	0
30	OR	A, B	0011110	1	0	0	0	0	0	0	1	1	0	0	0	0
31		B, A	0011111	0	1	0	0	0	0	0	1	1	0	0	0	0
32		A, Lit	0100000	1	0	0	0	1	0	0	1	1	0	0	0	0
33		B, Lit	0100001	0	1	0	0	1	0	0	1	1	0	0	0	0
34		A, (Dir)	0100010	1	0	0	0	1	1	0	1	1	0	0	0	0
35		B, (Dir)	0100011	0	1	0	0	1	1	0	1	1	0	0	0	0
36		(Dir)	0100100	0	0	0	0	0	0	0	1	1	0	1	0	0
37	XOR	A, B	0100101	1	0	0	0	0	0	1	0	0	0	0	0	0
38		B, A	0100110	0	1	0	0	0	0	1	0	0	0	0	0	0
39		A, Lit	0100111	1	0	0	0	1	0	1	0	0	0	0	0	0
40		B, Lit	0101000	0	1	0	0	1	0	1	0	0	0	0	0	0
41		A, (Dir)	0101001	1	0	0	0	1	1	1	0	0	0	0	0	0
42		B, (Dir)	0101010	0	1	0	0	1	1	1	0	0	0	0	0	0
43		(Dir)	0101011	0	0	0	0	0	0	1	0	0	0	1	0	0
44	NOT	A	0101100	1	0	0	0	0	0	1	0	1	0	0	0	0
45		B, A	0101101	0	1	0	0	0	0	1	0	1	0	0	0	0
46		(Dir), A	0101110	0	0	0	0	0	0	1	0	1	0	1	0	0
47	SHL	A	0101111	1	0	0	0	0	0	1	1	1	0	0	0	0
48		B, A	0110000	0	1	0	0	0	0	1	1	1	0	0	0	0
49		(Dir), A	0110001	0	0	0	0	0	0	1	1	1	0	1	0	0
50	SHR	A	0110010	1	0	0	0	0	0	1	1	0	0	0	0	0
51		B, A	0110011	0	1	0	0	0	0	1	1	0	0	0	0	0
52		(Dir), A	0110100	0	0	0	0	0	0	1	1	0	0	1	0	0
53	INC	A	0110101	1	0	0	0	1	0	0	0	0	0	0	0	0
54		B	0110110	0	1	1	0	0	0	0	0	0	0	0	0	0
55		(Dir)	0110111	0	0	1	0	1	1	0	0	0	0	1	0	0
56	DEC	A	0111000	1	0	0	0	0	0	0	0	1	0	0	0	0
57	CMP	A, B	0111001	0	0	0	0	0	0	0	0	1	0	0	0	0
58		A, Lit	0111010	0	0	0	0	1	0	0	0	1	0	0	0	0

#	Mnemonic	Type	Opcode													
59		A, (Dir)	0111011	0	0	0	0	1	1	0	0	1	0	0	0	0
60	JMP	Ins	0111100	0	0	0	0	0	0	0	0	0	1	0	0	1
61	JEQ	Ins	0111101	0	0	0	0	0	0	0	0	0	1	0	1	0
62	JNE	Ins	0111110	0	0	0	0	0	0	0	0	0	1	0	1	1
63	NOP		0000000	0	0	0	0	0	0	0	0	0	0	0	0	0