

Instrucciones de la CPU Z-80

clasificadas por NÚMERO

Código OBJETO	Código FUENTE	Código OBJETO	Código FUENTE	Código OBJETO	Código FUENTE	Código OBJETO	Código FUENTE
00	NOP	39	ADD HL, SP	72	LD (HL), D	AB	XOR E
01 xx xx	LD BC, nn	3A xx xx	LD A, (nn)	73	LD (HL), E	AC	XOR H
02	LD (BC), A	3B	DEC SP	74	LD (HL), H	AD	XOR L
03	INC BC	3C	INC A	75	LD (HL), L	AE	XOR (HL)
04	INC B	3D	DEC A	76	HALT	AF	XOR A
05	DEC B	3E xx	LD A, n	77	LD (HL), A	B0	OR B
06 xx	LD B, n	3F	CCF	78	LD A, B	B1	OR C
07	RLCA	40	LD B, B	79	LD A, C	B2	OR D
08	EX AF, AF'	41	LD B, C	7A	LD A, D	B3	OR E
09	ADD HL, BC	42	LD B, D	7B	LD A, E	B4	OR H
0A	LD A, (BC)	43	LD B, E	7C	LD A, H	B5	OR L
0B	DEC BC	44	LD B, H	7D	LD A, L	B6	OR (HL)
0C	INC C	45	LD B, L	7E	LD A, (HL)	B7	OR A
0D	DEC C	46	LD B, (HL)	7F	LD A, A	B8	CP B
0E xx	LD C, n	47	LD B, A	80	ADD A, B	B9	CP C
0F	RRCA	48	LD C, B	81	ADD A, C	BA	CP D
10 xx	DJNZ dis	49	LD C, C	82	ADD A, D	BB	CP E
11 xx xx	LD DE, nn	4A	LD C, D	83	ADD A, E	BC	CP H
12	LD (DE), A	4B	LD C, E	84	ADD A, H	BD	CP L
13	INC DE	4C	LD C, H	85	ADD A, L	BE	CP (HL)
14	INC D	4D	LD C, L	86	ADD A, (HL)	BF	CP A
15	DEC D	4E	LD C, (HL)	87	ADD A, A	C0	RET NZ
16 xx	LD D, n	4F	LD C, A	88	ADC A, B	C1	POP BC
17	RLA	50	LD D, B	89	ADC A, C	C2 xx xx	JP NZ, nn
18 xx	JR dis	51	LD D, C	8A	ADC A, D	C3 xx xx	JP nn
19	ADD HL, DE	52	LD D, D	8B	ADC A, E	C4 xx xx	CALL NZ, nn
1A	LD A, (DE)	53	LD D, E	8C	ADC A, H	C5	PUSH BC
1B	DEC DE	54	LD D, H	8D	ADC A, L	C6 xx	ADD A, n
1C	INC E	55	LD D, L	8E	ADC A, (HL)	C7	RST 0
1D	DEC E	56	LD D, (HL)	8F	ADC A, A	C8	RET Z
1E xx	LD E, n	57	LD D, A	90	SUB B	C9	RET
1F	RRA	58	LD E, B	91	SUB C	CA xx xx	JP Z, nn
20 xx	JR NZ, dis	59	LD E, C	92	SUB D	CC xx xx	CALL Z, nn
21 xx xx	LD HL, nn	5A	LD E, D	93	SUB E	CD xx xx	CALL nn
22 xx xx	LD (NN), HL	5B	LD E, E	94	SUB H	CE xx	ADC A, n
23	INC HL	5C	LD E, H	95	SUB L	CF	RST 8
24	INC H	5D	LD E, L	96	SUB (HL)	D0	RET NC
25	DEC H	5E	LD E, (HL)	97	SUB A	D1	POP DE
26 xx	LD H, n	5F	LD E, A	98	SBC A, B	D2 xx xx	JP NC, nn
27	DAA	60	LD H, B	99	SBC A, C	D3 xx	OUT (n), A
28 xx	JR Z, dis	61	LD H, C	9A	SBC A, D	D4 xx xx	CALL NC, nn
29	ADD HL, HL	62	LD H, D	9B	SBC A, E	D5	PUSH DE
2A xx xx	LD HL, (nn)	63	LD H, E	9C	SBC A, H	D6 xx	SUB n
2B	DEC HL	64	LD H, H	9D	SBC A, L	D7	RST 10h
2C	INC L	65	LD H, L	9E	SBC A, (HL)	D8	RET C
2D	DEC L	66	LD H, (HL)	9F	SBC A, A	D9	EXX
2E xx	LD L, n	67	LD H, A	A0	AND B	DA xx xx	JP C, nn
2F	CPL	68	LD L, B	A1	AND C	DB xx	IN A, (n)
30 xx	JR NC, dis	69	LD L, C	A2	AND D	DC xx xx	CALL C, nn
31 xx xx	LD SP, nn	6A	LD L, D	A3	AND E	DE xx	SBC A, n
32 xx xx	LD (nn), A	6B	LD L, E	A4	AND H	DF	RST 18h
33	INC SP	6C	LD L, H	A5	AND L	E0	RET PO
34	INC (HL)	6D	LD L, L	A6	AND (HL)	E1	POP HL
35	DEC (HL)	6E	LD L, (HL)	A7	AND A	E2 xx xx	JP PO, nn
36 xx	LD (HL), n	6F	LD L, A	A8	XOR B	E3	EX (SP), HL
37	SCF	70	LD (HL), B	A9	XOR C	E4 xx xx	CALL PO, nn
38 xx	JR C, dis	71	LD (HL), C	AA	XOR D	E5	PUSH HL

Código Objeto	Código Fuente	Código Objeto	Código Fuente	Código Objeto	Código Fuente	Código Objeto	Código Fuente
E6	xx	AND	n	CB 28	SRA B	CB 70	BIT 6, B
E7		RST	20h	CB 29	SRA C	CB 71	BIT 6, C
E8		RET	PE	CB 2A	SRA D	CB 72	BIT 6, D
E9		JP	(HL)	CB 2B	SRA E	CB 73	BIT 6, E
EA	xx xx	JE	PE nn	CB 2C	SRA H	CB 74	BIT 6, H
EB		EX	DE, HL	CB 2D	SRA L	CB 75	BIT 6, L
EC	xx xx	CALL	PE, nn	CB 2E	SRA (HL)	CB 76	BIT 6, (HL)
EE	xx	XOR	n	CB 2F	SRA A	CB 77	BIT 6, A
EF		RST	28h	CB 38	SRL B	CB 78	BIT 7, B
F0		RET	P	CB 39	SRL C	CB 79	BIT 7, C
F1		POP	AF	CB 3A	SRL D	CB 7A	BIT 7, D
F2	xx xx	JP	P, nn	CB 3B	SRL E	CB 7B	BIT 7, E
F3		DI		CB 3C	SRL H	CB 7C	BIT 7, H
F4	xx xx	CALL	P, nn	CB 3D	SRL L	CB 7D	BIT 7, L
F5		PUSH	AF	CB 3E	SRL (HL)	CB 7E	BIT 7, (HL)
F6	xx	OR	n	CB 3F	SRL A	CB 7F	BIT 7, A
F7		RST	30h	CB 40	BIT 0, B	CB 80	RES 0, B
F8		RET	M	CB 41	BIT 0, C	CB 81	RES 0, C
F9		LD	SP, HL	CB 42	BIT 0, D	CB 82	RES 0, D
FA	xx xx	JP	M, nn	CB 43	BIT 0, E	CB 83	RES 0, E
FB		EI		CB 44	BIT 0, H	CB 84	RES 0, H
FC	xx xx	CALL	M, nn	CB 45	BIT 0, L	CB 85	RES 0, L
FE	xx	CP	n	CB 46	BIT 0, (HL)	CB 86	RES 0, (HL)
FF		RST	38h	CB 47	BIT 0, A	CB 87	RES 0, A
CB 00		RLC	B	CB 48	BIT 1, B	CB 88	RES 1, B
CB 01		RLC	C	CB 49	BIT 1, C	CB 89	RES 1, C
CB 02		RLC	D	CB 4A	BIT 1, D	CB 8A	RES 1, D
CB 03		RLC	E	CB 4B	BIT 1, E	CB 8B	RES 1, E
CB 04		RLC	H	CB 4C	BIT 1, H	CB 8C	RES 1, H
CB 05		RLC	L	CB 4D	BIT 1, L	CB 8D	RES 1, L
CB 06		RLC	(HL)	CB 4E	BIT 1, (HL)	CB 8E	RES 1, (HL)
CB 07		RLC	A	CB 4F	BIT 1, A	CB 8F	RES 1, A
CB 08		RRC	B	CB 50	BIT 2, B	CB 90	RES 2, B
CB 09		RRC	C	CB 51	BIT 2, C	CB 91	RES 2, C
CB 0A		RRC	D	CB 52	BIT 2, D	CB 92	RES 2, D
CB 0B		RRC	E	CB 53	BIT 2, E	CB 93	RES 2, E
CB 0C		RRC	H	CB 54	BIT 2, H	CB 94	RES 2, H
CB 0D		RRC	L	CB 55	BIT 2, L	CB 95	RES 2, L
CB 0E		RRC	(HL)	CB 56	BIT 2, (HL)	CB 96	RES 2, (HL)
CB 0F		RRC	A	CB 57	BIT 2, A	CB 97	RES 2, A
CB 10		RL	B	CB 58	BIT 3, B	CB 98	RES 3, B
CB 11		RLC		CB 59	BIT 3, C	CB 99	RES 3, C
CB 12		RL	D	CB 5A	BIT 3, D	CB 9A	RES 3, D
CB 13		RL	E	CB 5B	BIT 3, E	CB 9B	RES 3, E
CB 14		RL	H	CB 5C	BIT 3, H	CB 9C	RES 3, H
CB 15		RL	L	CB 5D	BIT 3, L	CB 9D	RES 3, L
CB 16		RL	(HL)	CB 5E	BIT 3, (HL)	CB 9E	RES 3, (HL)
CB 17		RL	A	CB 5F	BIT 3, A	CB 9F	RES 3, A
CB 18		RR	B	CB 60	BIT 4, B	CB A0	RES 4, B
CB 19		RR	C	CB 61	BIT 4, C	CB A1	RES 4, C
CB 1A		RR	D	CB 62	BIT 4, D	CB A2	RES 4, D
CB 1B		RR	E	CB 63	BIT 4, E	CB A3	RES 4, E
CB 1C		RR	H	CB 64	BIT 4, H	CB A4	RES 4, H
CB 1D		RR	L	CB 65	BIT 4, L	CB A5	RES 4, L
CB 1E		RR	(HL)	CB 66	BIT 4, (HL)	CB A6	RES 4, (HL)
CB 1F		RR	A	CB 67	BIT 4, A	CB A7	RES 4, A
CB 20		SLA	B	CB 68	BIT 5, B	CB A8	RES 5, B
CB 21		SLA	C	CB 69	BIT 5, C	CB A9	RES 5, C
CB 22		SLA	D	CB 6A	BIT 5, D	CB AA	RES 5, D
CB 23		SLA	E	CB 6B	BIT 5, E	CB AB	RES 5, E
CB 24		SLA	H	CB 6C	BIT 5, H	CB AC	RES 5, H
CB 25		SLA	L	CB 6D	BIT 5, L	CB AD	RES 5, L
CB 26		SLA	(HL)	CB 6E	BIT 5, (HL)	CB AE	RES 5, (HL)
CB 27		SLA	A	CB 6F	BIT 5, A	CB AF	RES 5, A
CB B0		RES	6, B			CB B0	RES 6, B
CB B1		RES	6, C			CB B1	RES 6, C
CB B2		RES	6, D			CB B2	RES 6, D
CB B3		RES	6, E			CB B3	RES 6, E
CB B4		RES	6, H			CB B4	RES 6, H
CB B5		RES	6, L			CB B5	RES 6, L
CB B6		RES	6, (HL)			CB B6	RES 6, (HL)
CB B7		RES	6, A			CB B7	RES 6, A
CB B8		RES	7, B			CB B8	RES 7, B
CB B9		RES	7, C			CB B9	RES 7, C
CB BA		RES	7, D			CB BA	RES 7, D
CB BB		RES	7, E			CB BB	RES 7, E
CB BC		RES	7, H			CB BC	RES 7, H
CB BD		RES	7, L			CB BD	RES 7, L
CB BE		RES	7, (HL)			CB BE	RES 7, (HL)
CB BF		RES	7, A			CB BF	RES 7, A
CB C0		SET	0, B			CB C0	SET 0, B
CB C1		SET	0, C			CB C1	SET 0, C
CB C2		SET	0, D			CB C2	SET 0, D
CB C3		SET	0, E			CB C3	SET 0, E
CB C4		SET	0, H			CB C4	SET 0, H
CB C5		SET	0, L			CB C5	SET 0, L
CB C6		SET	0, (HL)			CB C6	SET 0, (HL)
CB C7		SET	0, A			CB C7	SET 0, A
CB C8		SET	1, B			CB C8	SET 1, B
CB C9		SET	1, C			CB C9	SET 1, C
CB CA		SET	1, D			CB CA	SET 1, D
CB CB		SET	1, E			CB CB	SET 1, E
CB CC		SET	1, H			CB CC	SET 1, H
CB CD		SET	1, L			CB CD	SET 1, L
CB CE		SET	1, (HL)			CB CE	SET 1, (HL)
CB CF		SET	1, A			CB CF	SET 1, A
CB D0		SET	2, B			CB D0	SET 2, B
CB D1		SET	2, C			CB D1	SET 2, C
CB D2		SET	2, D			CB D2	SET 2, D
CB D3		SET	2, E			CB D3	SET 2, E
CB D4		SET	2, H			CB D4	SET 2, H
CB D5		SET	2, L			CB D5	SET 2, L
CB D6		SET	2, (HL)			CB D6	SET 2, (HL)
CB D7		SET	2, A			CB D7	SET 2, A
CB D8		SET	3, B			CB D8	SET 3, B
CB D9		SET	3, C			CB D9	SET 3, C
CB DA		SET	3, D			CB DA	SET 3, D
CB DB		SET	3, E			CB DB	SET 3, E
CB DC		SET	3, H			CB DC	SET 3, H
CB DD		SET	3, L			CB DD	SET 3, L
CB DE		SET	3, (HL)			CB DE	SET 3, (HL)
CB DF		SET	3, A			CB DF	SET 3, A
CB E0		SET	4, B			CB E0	SET 4, B
CB E1		SET	4, C			CB E1	SET 4, C
CB E2		SET	4, D			CB E2	SET 4, D
CB E3		SET	4, E			CB E3	SET 4, E
CB E4		SET	4, H			CB E4	SET 4, H
CB E5		SET	4, L			CB E5	SET 4, L
CB E6		SET	4, (HL)			CB E6	SET 4, (HL)
CB E7		SET	4, A			CB E7	SET 4, A
CB E8		SET	5, B			CB E8	SET 5, B
CB E9		SET	5, C			CB E9	SET 5, C
CB EA		SET	5, D			CB EA	SET 5, D
CB EB		SET	5, E			CB EB	SET 5, E
CB EC		SET	5, H			CB EC	SET 5, H
CB ED		SET	5, L			CB ED	SET 5, L
CB EE		SET	5, (HL)			CB EE	SET 5, (HL)
CB EF		SET	5, A			CB EF	SET 5, A

Código Objeto	Código Fuente	Código Objeto	Código Fuente	Código Objeto	Código Fuente	Código Objeto	Código Fuente
CB F0	SET 6, B	DD CB xx 56	BIT 2, (IX + d)	ED A8	LDD	FD 9E xx	SBC A, (IY + d)
CB F1	SET 6, C	DD CB xx 5E	BIT 3, (IX + d)	ED A9	CPD	FD A6 xx	AND (IY + d)
CB F2	SET 6, D	DD CB xx 66	BIT 4, (IX + d)	ED AA	IND	FD AE xx	XOR (IY + d)
CB F3	SET 6, E	DD CB xx 6E	BIT 5, (IX + d)	ED AB	OUTD	FD B6 xx	OR (IY + d)
CB F4	SET 6, H	DD CB xx 76	BIT 6, (IX + d)	ED B0	LDIR	FD BE xx	CP (IY + d)
CB F5	SET 6, L	DD CB xx 7E	BIT 7, (IX + d)	ED B1	CPIR	FD E1	POP IY
CB F6	SET 6, (HL)	DD CB xx 86	RES 0, (IX + d)	ED B2	INIR	FD E3	EX (SP), IY
CB F7	SET 6, A	DD CB xx 8E	RES 1, (IX + d)	ED B3	OTIR	FD E5	PUSH IY
CB F8	SET 7, B	DD CB xx 96	RES 2, (IX + d)	ED B8	LDDR	FD E9	JP (IY)
CB F9	SET 7, C	DD CB xx 9E	RES 3, (IX + d)	ED B9	CPDR	FD F9	LD SP, IY
CB FA	SET 7, D	DD CB xx A6	RES 4, (IX + d)	ED BA	INDR	FD CB xx 06	RLC (IY + d)
CB FB	SET 7, E	DD CB xx AE	RES 5, (IX + d)	ED BB	OTDR	FD CB xx 0E	RRC (IY + d)
CB FC	SET 7, H	DD CB xx B6	RES 6, (IX + d)	FD 09	ADD IY, BC	FD CB xx 16	RL (IY + d)
CB FD	SET 7, L	DD CB xx BE	RES 7, (IX + d)	FD 19	ADD IY, DE	FD CB xx 1E	RR (IY + d)
CB FE	SET 7, (HL)	DD CB xx C6	SET 0, (IX + d)	FD 21 xx xx	LD IY, nn	FD CB xx 26	SLA (IY + d)
CB FF	SET 7, A	DD CB xx CE	SET 1, (IX + d)	FD 22 xx xx	LD (nn), IY	FD CB xx 2E	SRA (IY + d)
DD 09	ADD IX, BC	DD CB xx D6	SET 2, (IX + d)	FD 23	INC IY	FD CB xx 3E	SRL (IY + d)
DD 19	ADD IX, DE	DD CB xx DE	SET 3, (IX + d)	FD 29	ADD IY, IY	FD CB xx 46	BIT 0, (IY + d)
DD 21 xx xx	LD IX, nn	DD CB xx E6	SET 4, (IX + d)	FD 2A xx xx	LD IY, (nn)	FD CB xx 4E	BIT 1, (IY + d)
DD 22 xx xx	LD (nn), IX	DD CB xx EE	SET 5, (IX + d)	FD 2B	DEC IY	FD CB xx 56	BIT 2, (IY + d)
DD 23	INC IX	DD CB xx F6	SET 6, (IX + d)	FD 34 xx	INC (IY + d)	FD CB xx 5E	BIT 3, (IY + d)
DD 29	ADD IX, IX	DD CB xx FE	SET 7, (IX + d)	FD 35 xx	DEC (IY + d)	FD CB xx 6E	BIT 4, (IY + d)
DD 2A xx xx	LD IX, (nn)	ED 40	IN B, (C)	FD 36 xx xx	LD (IY + d), n	FD CB xx 6E	BIT 5, (IY + d)
DD 2B	DEC IX	ED 41	OUT (C), B	FD 39	ADD IY, SP	FD CB xx 76	BIT 6, (IY + d)
DD 34 xx	INC (IX + d)	ED 42	SBC HL, BC	FD 46 xx	LD B, (IY + d)	FD CB xx 7E	BIT 7, (IY + d)
DD 35 xx	DEC (IX + d)	ED 43 xx xx	LD (nn), BC	FD 4E xx	LD C, (IY + d)	FD CB xx 86	RES 0, (IY + d)
DD 36 xx xx	LD (IX + d), n	ED 44	NEG	FD 56 xx	LD D, (IY + d)	FD CB xx 8E	RES 1, (IY + d)
DD 39	ADD IX, SP	ED 45	RETN	FD 5E xx	LD E, (IY + d)	FD CB xx 96	RES 2, (IY + d)
DD 46 xx	LD B, (IX + d)	ED 46	IM 0	FD 66 xx	LD H, (IY + d)	FD CB xx 9E	RES 3, (IY + d)
DD 4E xx	LD C, (IX + d)	ED 47	LD I, A	FD 6E xx	LD L, (IY + d)	FD CB xx A6	RES 4, (IY + d)
DD 56 xx	LD D, (IX + d)	ED 48	IN C, (C)	FD 70 xx	LD (IY + d), B	FD CB xx AE	RES 5, (IY + d)
DD 5E xx	LD E, (IX + d)	ED 49	OUT (C), C	FD 71 xx	LD (IY + d), C	FD CB xx B6	RES 6, (IY + d)
DD 66 xx	LD H, (IX + d)	ED 4A	ADC HL, BC	FD 72 xx	LD (IY + d), D	FD CB xx BE	RES 7, (IY + d)
DD 6E xx	LD L, (IX + d)	ED 4B xx xx	LD BC, (nn)	FD 73 xx	LD (IY + d), E	FD CB xx C6	SET 0, (IY + d)
DD 70 xx	LD (IX + d), B	ED 4D	RETI	FD 74 xx	LD (IY + d), H	FD CB xx CE	SET 1, (IY + d)
DD 71 xx	LD (IX + d), C	ED 50	IND D, (C)	FD 75 xx	LD (IY + d), L	FD CB xx D6	SET 2, (IY + d)
DD 72 xx	LD (IX + d), D	ED 51	OUT (C), D	FD 77 xx	LD (IY + d), A	FD CB xx DE	SET 3, (IY + d)
DD 73 xx	LD (IX + d), E	ED 52	SBC HL, DE	FD 7E xx	LD A, (IY + d)	FD CB xx E6	SET 4, (IY + d)
DD 74 xx	LD (IX + d), H	ED 53 xx xx	LD (nn), DE	FD 86 xx	ADD A, (IY + d)	FD CB xx EE	SET 5, (IY + d)
DD 75 xx	LD (IX + d), L	ED 56	IM 1	FD 8E xx	ADC A, (IY + d)	FD CB xx F6	SET 6, (IY + d)
DD 77 xx	LD (IX + d), A	ED 57	LD A, I	FD 96 xx	SUB (IY + d)	FD CB xx FE	SET 7, (IY + d)
DD 7E xx	LD A, (IX + d)	ED 58	IN E, (C)				
DD 86 xx	ADD A, (IX + d)	ED 59	OUT (C), E				
DD 8E xx	ADC A, (IX + d)	ED 5A	ADC HL, DE				
DD 96 xx	SUB (IX + d)	ED 5B xx xx	LD DE, (nn)				
DD 9E xx	SBC A, (IX + d)	ED 5E	IM 2				
DD A6 xx	AND (IX + d)	ED 60	IN H, (C)				
DD AE xx	XOR (IX + d)	ED 61	OUT (C), H				
DD B6 xx	XOR (IX + d)	ED 62	SBC HL, HL				
DD BE xx	CP (IX + d)	ED 67	RRD				
DD E1	POP IX	ED 68	IN L, (C)				
DD E3	EX (SP), IX	ED 69	OUT (C), L				
DD E5	PUSH IX	ED 6A	ADC HL, HL				
DD E9	JP (IX)	ED 6F	RLD				
DD F9	LD SP, IX	ED 72	SBC HL, SP				
DD CB xx 06	RLC (IX + d)	ED 73 xx xx	LD (nn), SP				
DD CB xx 0E	RRC (IX + d)	ED 78	IN A, (C)				
DD CB xx 16	RL (IX + d)	ED 79	OUT (C), A				
DD CB xx 1E	RR (IX + d)	ED 7A	ADC HL, SP				
DD CB xx 26	SLA (IX + d)	ED 7B xx xx	LD SP, (nn)				
DD CB xx 2E	SRA (IX + d)	ED A0	LDI				
DD CB xx 3E	SRL (IX + d)	ED A1	CPI				
DD CB xx 46	BIT 0, (IX + d)	ED A2	INI				
DD CB xx 4E	BIT 1, (IX + d)	ED A3	OUTI				

Nota:

d	= 05 h
n	= 20 h
dis	= 2E h
nn	= 84 05 h