

Instrucciones de la CPU Z-80

clasificadas por MNEMÓNICO

Código Fuente	Código Objeto	Código Fuente	Código Objeto	Código Fuente	Código Objeto	Código Fuente	Código Objeto
ADC A, (HL)	8E	BIT 0, H	CB 44	BIT 6, C	CB 71	DEC SP	3B
ADC A, (IX + d)	DD 8E xx	BIT 0, L	CB 45	BIT 6, D	CB 72	DI	F3
ADC A, (IY + d)	FD 8E xx	BIT 1, (HL)	CB 4E	BIT 6, E	CB 73	DJNZ dis	10 xx
ADC A, A	8F	BIT 1, (IX + d)	DD CB xx 4E	BIT 6, H	CB 74	EI	FB
ADC A, B	88	BIT 1, (IY + d)	FD CB xx 4E	BIT 6, L	CB 75	EX (SP), HL	E3
ADC A, C	89	BIT 1, A	CB 4F	BIT 7, (HL)	CB 7E	EX (SP), IX	DD E3
ADC A, D	8A	BIT 1, B	CB 48	BIT 7, (IX + d)	DD CB xx 7E	EX (SP), IY	FD E3
ADC A, E	8B	BIT 1, C	CB 49	BIT 7, (IY + d)	FD CB xx 7E	EX AF, AF'	08
ADC A, H	8C	BIT 1, D	CB 4A	BIT 7, A	CB 7F	EX DE, HL	EB
ADC A, L	8D	BIT 1, E	CB 4B	BIT 7, B	CB 78	EXX	D9
ADC A, n	CE xx	BIT 1, H	CB 4C	BIT 7, C	CB 79	HALT	76
ADC HL, BC	ED 4A	BIT 1, L	CB 4D	BIT 7, D	CB 7A	IM 0	ED 46
ADC HL, DE	ED 5A	BIT 2, (HL)	CB 56	BIT 7, E	CB 7B	IM 1	ED 56
ADC HL, HL	ED 6A	BIT 2, (IX + d)	DD CB xx 56	BIT 7, H	CB 7C	IM 2	ED 5E
ADC HL, SP	ED 7A	BIT 2, (IY + d)	FD CB xx 56	BIT 7, L	CB 7D	IN A, (C)	ED 78
ADD A, (HL)	86	BIT 2, A	CB 57	CALL C, nn	DC xx xx	IN A, (n)	DB xx
ADD A, (IX + d)	DD 86 xx	BIT 2, B	CB 50	CALL M, nn	FC xx xx	IN B, (C)	ED 40
ADD A, (IY + d)	FD 86 xx	BIT 2, C	CB 51	CALL NC, nn	D4 xx xx	IN C, (C)	ED 48
ADD A, A	87	BIT 2, D	CB 52	CALL nn	CD xx xx	IN D, (C)	ED 50
ADD A, B	80	BIT 2, E	CB 53	CALL NZ, nn	C4 xx xx	IN E, (C)	ED 58
ADD A, C	81	BIT 2, H	CB 54	CALL P, nn	F4 xx xx	IN H, (C)	ED 60
ADD A, D	82	BIT 2, L	CB 55	CALL PE, nn	EC xx xx	IN L, (C)	ED 68
ADD A, E	83	BIT 3, (HL)	CB 5E	CALL PO, nn	E4 xx xx	INC (HL)	34
ADD A, H	84	BIT 3, (IX + d)	DD CB xx 5E	CALL Z, nn	CC xx xx	INC (IX + d)	DD 34 xx
ADD A, L	85	BIT 3, (IY + d)	FD CB xx 5E	CCF	3F	INC (IY + d)	FD 34 xx
ADD A, n	C6 xx	BIT 3, A	CB 5F	CP (HL)	BE	INC A	3C
ADD HL, BC	09	BIT 3, B	CB 58	CP (IX + d)	DD BE xx	INC B	04
ADD HL, DE	19	BIT 3, C	CB 59	CP (IY + d)	FD BE xx	INC BC	03
ADD HL, HL	29	BIT 3, D	CB 5A	CP A	BF	INC C	0C
ADD HL, SP	39	BIT 3, E	CB 5B	CP B	B8	INC D	14
ADD IX, BC	DD 09	BIT 3, H	CB 5C	CP C	B9	INC DE	13
ADD IX, DE	DD 19	BIT 3, L	CB 5D	CP D	BA	INC E	1C
ADD IX, IX	DD 29	BIT 4, (HL)	CB 66	CP E	BB	INC H	24
ADD IX, SP	DD 39	BIT 4, (IX + d)	DD CB xx 66	CP H	BC	INC HL	23
ADD IY, BC	FD 09	BIT 4, (IY + d)	FD CB xx 66	CP L	BD	INC IX	DD 23
ADD IY, DE	FD 19	BIT 4, A	CB 67	CP n	FE xx	INC IY	FD 23
ADD IY, IX	FD 29	BIT 4, B	CB 60	CPD	ED A9	INC L	2C
ADD IY, SP	FD 39	BIT 4, C	CB 61	CPDR	ED B9	INC SP	33
AND (HL)	A6	BIT 4, D	CB 62	CPI	ED A1	IND	ED AA
AND (IX + d)	DD A6 xx	BIT 4, E	CB 63	CPIR	ED B1	INDR	ED BA
AND (IY + d)	FD A6 xx	BIT 4, H	CB 64	CPL	2F	INI	ED A2
AND A	A7	BIT 4, L	CB 65	DAA	27	INIR	ED B2
AND B	A0	BIT 5, (HL)	CB 6E	DEC (HL)	35	JP (HL)	E9
AND C	A1	BIT 5, (IX + d)	DD CB xx 6E	DEC (IX + d)	DD 35 xx	JP (IX)	DD E9
AND D	A2	BIT 5, (IY + d)	FD CB xx 6E	DEC (IY + d)	FD 35 xx	JP (IY)	FD E9
AND E	A3	BIT 5, A	CB 6F	DEC A	3D	JP C, nn	DA xx xx
AND H	A4	BIT 5, B	CB 68	DEC B	05	JP M, nn	FA xx xx
AND L	A5	BIT 5, C	CB 69	DEC BC	0B	JP NC, nn	D2 xx xx
AND n	E6 xx	BIT 5, D	CB 6A	DEC C	0D	JP nn	C3 xx xx
BIT 0, (HL)	CB 46	BIT 5, E	CB 6B	DEC D	15	JP NZ, nn	C2 xx xx
BIT 0, (IX + d)	DD CB xx 46	BIT 5, H	CB 6C	DEC DE	1B	JP P, nn	F2 xx xx
BIT 0, (IY + d)	FD CB xx 46	BIT 5, L	CB 6D	DEC E	1D	JP PE, nn	EA xx xx
BIT 0, A	CB 47	BIT 6, (HL)	CB 76	DEC H	25	JP PO, nn	E2 xx xx
BIT 0, B	CB 40	BIT 6, (IX + d)	DD CB xx 76	DEC HL	2B	JP Z, nn	CA xx xx
BIT 0, C	CB 41	BIT 6, (IY + d)	FD CB xx 76	DEC IX	DD 2B	JR C, dis	38 xx
BIT 0, D	CB 42	BIT 6, A	CB 77	DEC IY	FD 2B	JR dis	18 xx
BIT 0, E	CB 43	BIT 6, B	CB 70	DEC L	2D	JR NC, dis	30 xx

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JR NZ, dis	20 xx	LD C, A	4F	LDD	ED A8	RES 2, C	CB 91
JR Z, dis	28 xx	LD C, B	48	LDDR	ED B8	RES 2, D	CB 92
LD (BC), A	02	LD C, C	49	LDI	ED A0	RES 2, E	CB 93
LD (DE), A	12	LD C, D	4A	LDIR	ED 20	RES 2, H	CB 94
LD (HL), A	77	LD C, E	4B	NEG	ED 44	RES 2, L	CB 95
LD (HL), B	70	LD C, H	4C	NOP	00	RES 3, (HL)	CB 9E
LD (HL), C	71	LD C, L	4D	OR (HL)	B6	RES 3, (IX + d)	DD CB xx 9E
LD (HL), D	72	LD C, n	0E xx	OR (IX + d)	DD B6 xx	RES 3, (IY + d)	FD CB xx 9E
LD (HL), E	73	LD D, (HL)	56	OR (IY + d)	FD B6 xx	RES 3, A	CB 9F
LD (HL), H	74	LD D, (IX + d)	DD 56 xx	OR A	B7	RES 3, B	CB 98
LD (HL), L	75	LD D, (IY + d)	FD 56 xx	OR B	B0	RES 3, C	CB 99
LD (HL), n	36 xx	LD D, A	57	OR C	B1	RES 3, D	CB 9A
LD (IX + d), A	DD 77 xx	LD D, B	50	OR D	B2	RES 3, E	CB 9B
LD (IX + d), B	DD 70 xx	LD D, C	51	OR E	B3	RES 3, H	CB 9C
LD (IX + d), C	DD 71 xx	LD D, D	52	OR H	B4	RES 3, L	CB 9D
LD (IX + d), D	DD 72 xx	LD D, E	53	OR L	B5	RES 4, (HL)	CB A6
LD (IX + d), E	DD 73 xx	LD D, H	54	OR n	F6 xx	RES 4, (IX + d)	DD CB xx A6
LD (IX + d), H	DD 74 xx	LD D, L	55	OTDR	ED BB	RES 4, (IY + d)	FD CB xx A6
LD (IX + d), L	DD 75 xx	LD D, n	16 xx	OTIR	ED B3	RES 4, A	CB A7
LD (IX + d), n	DD 36 xx xx	LD DE, (nn)	ED 5B xx xx	OUT (C), A	ED 79	RES 4, B	CB A0
LD (IY + d), A	FD 77 xx	LD DE, nn	11 xx xx	OUT (C), B	ED 41	RES 4, C	CB A1
LD (IY + d), B	FD 70 xx	LD E, (HL)	5E	OUT (C), C	ED 49	RES 4, D	CB A2
LD (IY + d), C	FD 71 xx	LD E, (IX + d)	DD 5E xx	OUT (C), D	ED 51	RES 4, E	CB A3
LD (IY + d), D	FD 72 xx	LD E, (IY + d)	FD 5E xx	OUT (C), E	ED 59	RES 4, H	CB A4
LD (IY + d), E	FD 73 xx	LD E, A	5F	OUT (C), H	ED 61	RES 4, L	CB A5
LD (IY + d), H	FD 74 xx	LD E, B	58	OUT (C), L	ED 69	RES 5, (HL)	CB AE
LD (IY + d), L	FD 75 xx	LD E, C	59	OUT (n), A	D3 xx	RES 5, (IX + d)	DD CB xx AE
LD (IY + d), n	FD 36 xx xx	LD E, D	5A	OUTD	ED AB	RES 5, (IY + d)	FD CB xx AE
LD (nn), A	32 xx xx	LD E, E	5B	OUTI	ED A3	RES 5, A	CB AF
LD (nn), BC	ED 43 xx xx	LD E, H	5C	POP AF	F1	RES 5, B	CB A8
LD (nn), DE	ED 53 xx xx	LD E, L	5D	POP BC	C1	RES 5, C	CB A9
LD (nn), HL	22 xx xx	LD E, n	1E xx	POP DE	D1	RES 5, D	CB AA
LD (nn), IX	DD 22 xx xx	LD H, (HL)	66	POP HL	E1	RES 5, E	CB AB
LD (nn), IY	FD 22 xx xx	LD H, (IX + d)	DD 66 xx	POP IX	DD E1	RES 5, H	CB AC
LD (nn), SP	ED 73 xx xx	LD H, (IY + d)	FD 66 xx	POP IY	FD E1	RES 5, L	CB AD
LD A, (BC)	0A	LD H, A	67	PUSH AF	F5	RES 6, (HL)	CB B6
LD A, (DE)	1A	LD H, B	60	PUSH BC	C5	RES 6, (IX + d)	DD CB xx B6
LD A, (HL)	7E	LD H, C	61	PUSH DE	D5	RES 6, (IY + d)	FD CB xx B6
LD A, (IX + d)	DD 7E xx	LD H, D	62	PUSH HL	E5	RES 6, À	CB B7
LD A, (IY + d)	FD 7E xx	LD H, E	63	PUSH IX	DD E5	RES 6, B	CB B0
LD A, (nn)	3A xx xx	LD H, H	64	PUSH IY	FD E5	RES 6, C	CB B1
LD A, A	7F	LD H, L	65	RES 0, (HL)	CB 86	RES 6, D	CB B2
LD A, B	78	LD H, n	26 xx	RES 0, (IX + d)	DD CB xx 86	RES 6, E	CB B3
LD A, C	79	LD HL, (nn)	2A xx xx	RES 0, (IY + d)	FD CB xx 86	RES 6, H	CB B4
LD A, D	7A	LD HL, nn	21 xx xx	RES 0, A	CB 87	RES 6, L	CB B5
LD A, E	7B	LD I, A	ED 47	RES 0, B	CB 80	RES 7, (HL)	CB BE
LD A, H	7C	LD IX, (nn)	DD 2A xx xx	RES 0, C	CB 81	RES 7, (IX + d)	DD CB xx BE
LD A, I	ED 57	LD IX, nn	DD 21 xx xx	RES 0, D	CB 82	RES 7, (IY + d)	FD CB xx BE
LD A, L	7D	LD IY, (nn)	FD 2A xx xx	RES 0, E	CB 83	RES 7, A	CB BF
LD A, n	3E xx	LD IY, nn	FD 21 xx xx	RES 0, H	CB 84	RES 7, B	CB B8
LD B, (HL)	46	LD L, (HL)	6E	RES 0, L	CB 85	RES 7, C	CB B9
LD B, (IX + d)	DD 46 xx	LD L, (IX + d)	DD 6E xx	RES 1, (HL)	CB 8E	RES 7, D	CB BA
LD B, (IY + d)	FD 46 xx	LD L, (IY + d)	FD 6E xx	RES 1, (IX + d)	DD CB xx 8E	RES 7, E	CB BB
LD B, A	47	LD L, A	6F	RES 1, (IY + d)	FD CB xx 8E	RES 7, H	CB BC
LD B, B	40	LD L, B	68	RES 1, A	CB 8F	RES 7, L	CB BD
LD B, C	41	LD L, C	69	RES 1, B	CB 88	RET	C9
LD B, D	42	LD L, D	6A	RES 1, C	CB 89	RET C	D8
LD B, E	43	LD L, E	6B	RES 1, D	CB 8A	RET M	F8
LD B, H	44	LD L, H	6C	RES 1, E	CB 8B	RET NC	D0
LD B, L	45	LD L, L	6D	RES 1, H	CB 8C	RET NZ	C0
LD B, n	06 xx	LD L, n	2E xx	RES 1, L	CB 8D	RET P	F0
LD BC, (nn)	ED 4B xx xx	LD SP, (nn)	ED 7B xx xx	RES 2, (HL)	CB 96	RET PE	E8
LD BC, nn	01 xx xx	LD SP, HL	F9	RES 2, (IX + d)	DD CB xx 96	RET PO	E0
LD C, (HL)	4E	LD SP, IX	DD F9	RES 2, (IY + d)	FD CB xx 96	RET Z	C8
LD C, (IX + d)	DD 4E xx	LD SP, IY	FD F9	RES 2, A	CB 97	RETI	ED 4D
LD C, (IY + d)	FD 4E xx	LD SP, nn	31 xx xx	RES 2, B	CB 90	RETN	ED 45

Código Fuente	Código Objeto	Código Fuente	Código Objeto	Código Fuente	Código Objeto	Código Fuente	Código Objeto
RL (HL)	CB 16	SBC HL, BC	ED 42	SET 6, (HL)	CB F6	SRA D	CB 2A
RL (IX + d)	DD CB xx 16	SBC HL, DE	ED 52	SET 6, (IX + d)	DD CB xx F6	SRA E	CB 2B
RL (IY + d)	FD CB xx 16	SBC HL, HL	ED 62	SET 6, (IY + d)	FD CB xx F6	SRA H	CB 2C
RL A	CB 17	SBC HL, SP	ED 72	SET 6, A	CB F7	SRA L	CB 2D
RL B	CB 10	SCF	37	SET 6, B	CB F0	SRL (HL)	CB 3E
RL C	CB 11	SET 0, (HL)	CB C6	SET 6, C	CB F1	SRL (IX + d)	DD CB xx 3E
RL D	CB 12	SET 0, (IX + d)	DD CB xx C6	SET 6, D	CB F2	SRL (IY + d)	FD CB xx 3E
RL E	CB 13	SET 0, (IY + d)	FD CB xx C6	SET 6, E	CB F3	SRL A	CB 3F
RL H	CB 14	SET 0, A	CB C7	SET 6, H	CB F4	SRL B	CB 38
RL L	CB 15	SET 0, B	CB C0	SET 6, L	CB F5	SRL C	CB 39
RLA	17	SET 0, C	CB C1	SET 7, (HL)	CB FE	SRL D	CB 3A
RLC (HL)	CB 06	SET 0, D	CB C2	SET 7, (IX + d)	DD CB xx FE	SRL E	CB 3B
RLC (IX + d)	DD CB xx 06	SET 0, E	CB C3	SET 7, (IY + d)	FD CB xx FE	SRL H	CB 3C
RLC (IY + d)	FD CB xx 06	SET 0, H	CB C4	SET 7, A	CB FF	SRL L	CB 3D
RLC A	CB 07	SET 0, L	CB C5	SET 7, B	CB F8	SUB (HL)	96
RLC B	CB 00	SET 1, (HL)	CB CE	SET 7, C	CB F9	SUB (IX + d)	DD 96 xx
RLC C	CB 01	SET 1, (IX + d)	DD CB xx CE	SET 7, D	CB FA	SUB (IY + d)	FD 96 xx
RLC D	CB 02	SET 1, (IY + d)	FD CB xx CE	SET 7, E	CB FB	SUB A	97
RLC E	CB 03	SET 1, A	CB CF	SET 7, H	CB FC	SUB B	90
RLC H	CB 04	SET 1, B	CB C8	SET 7, L	CB FD	SUB C	91
RLC L	CB 05	SET 1, C	CB C9	SLA (HL)	CB 26	SUB D	92
RLCA	07	SET 1, D	CB CA	SLA (IX + d)	DD CB xx 26	SUB E	93
RLD	ED 6F	SET 1, E	CB CB	SLA (IY + d)	FD CB xx 26	SUB H	94
RR (HL)	CB 1E	SET 1, H	CB CC	SLA A	CB 27	SUB L	95
RR (IX + d)	DD CB xx 1E	SET 1, L	CB CD	SLA B	CB 20	SUB n	D6 xx
RR (IY + d)	FD CB xx 1E	SET 2, (HL)	CB D6	SLA C	CB 21	XOR (HL)	AE
RR A	CB 1F	SET 2, (IX + d)	DD CB xx D6	SLA D	CB 22	XOR (IX + d)	DD AE xx
RR B	CB 18	SET 2, (IY + d)	FD CB xx D6	SLA E	CB 23	XOR (IY + d)	FD AE xx
RR C	CB 19	SET 2, A	CB D7	SLA H	CB 24	XOR A	AF
RR D	CB 1A	SET 2, B	CB D0	SLA L	CB 25	XOR B	A8
RR E	CB 1B	SET 2, C	CB D1	SRA (HL)	CB 2E	XOR C	A9
RR H	CB 1C	SET 2, D	CB D2	SRA (IX + d)	DD CB xx 2E	XOR D	AA
RR L	CB 1D	SET 2, E	CB D3	SRA (IY + d)	FD CB xx 2E	XOR E	AB
RRA	1F	SET 2, H	CB D4	SRA A	CB 2F	XOR H	AC
RRC (HL)	CB 0E	SET 2, L	CB D5	SRA B	CB 28	XOR L	AD
RRC (IX + d)	DD CB xx 0E	SET 3, (HL)	CB DE	SRA C	CB 29	XOR n	EE xx
RRC (IY + d)	FD CB xx 0E	SET 3, (IX + d)	DD CB xx DE				
RRC A	CB 0F	SET 3, (IY + d)	FD CB xx DE				
RRC B	CB 08	SET 3, A	CB DF				
RRC C	CB 09	SET 3, B	CB D8				
RRC D	CB 0A	SET 3, C	CB D9				
RRC E	CB 0B	SET 3, D	CB DA				
RRC H	CB 0C	SET 3, E	CB DB				
RRC L	CB 0D	SET 3, H	CB DC				
RRCA	0F	SET 3, L	CB DD				
RRD	ED 67	SET 4, (HL)	CB E6				
RST 0	C7	SET 4, (IX + d)	DD CB xx E6				
RST 10h	D7	SET 4, (IY + d)	FD CB xx E6				
RST 18h	DF	SET 4, A	CB E7				
RST 20h	E7	SET 4, B	CB E0				
RST 28h	EF	SET 4, C	CB E1				
RST 30h	F7	SET 4, D	CB E2				
RST 38h	FF	SET 4, E	CB E3				
RST 8	CF	SET 4, H	CB E4				
SBC A, (HL)	9E	SET 4, L	CB E5				
SBC A, (IX + d)	DD 9E xx	SET 5, (HL)	CB EE				
SBC A, (IY + d)	FD 9E xx	SET 5, (IX + d)	DD CB xx EE				
SBC A, A	9F	SET 5, (IY + d)	FD CB xx EE				
SBC A, B	98	SET 5, A	CB EF				
SBC A, C	99	SET 5, B	CB E8				
SBC A, D	9A	SET 5, C	CB E9				
SBC A, E	9B	SET 5, D	CB EA				
SBC A, H	9C	SET 5, E	CB EB				
SBC A, L	9D	SET 5, H	CB EC				
SBC A, n	DE xx	SET 5, L	CB ED				

Nota:

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