

Приложение Б. Соответствие мнемоник ассемблера Z80 и I8080

hex	Z80	I8080
00	NOP	NOP
01	LD BC,nn	LXI B,nn
02	LD (BC),A	STAX B
03	INC BC	INX B
04	INC B	INR B
05	DEC B	DCR B
06	LD B,n	MVI B,n
07	RLCA	RLC
08	EX AF,AF'	-
09	ADD HL,BC	DAD B
0A	LD A,(BC)	LDAX B
0B	DEC BC	DCX B
0C	INC C	INR C
0D	DEC C	DCR C
0E	LD C,n	MVI C,n
0F	RRCA	RRC
10	DJNZ e	-
11	LD DE,nn	LXI D,nn
12	LD (DE),A	STAX D
13	INC DE	INX D
14	INC D	INR D
15	DEC D	DCR D
16	LD D,n	MVI D,n
17	RLA	RAL
18	JR e	-
19	ADD HL,DE	DAD D
1A	LD A,(DE)	LDAX D
1B	DEC DE	DCX D
1C	INC E	INR E
1D	DEC E	DCR E
1E	LD E,n	MVI E,n
1F	RRA	RAR
20	JR NZ,e	-
21	LD HL,nn	LXI H,nn
22	LD (nn),HL	SHLD n
23	INC HL	INX H
24	INC H	INR H
25	DEC H	DCR H
26	LD H,n	MVI H,n
27	DAA	DAA

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28	JR Z,e	-
29	ADD HL,HL	DAD H
2A	LD HL,(nn)	LHLD n
2B	DEC HL	DCX H
2C	INC L	INR L
2D	DEC L	DCR L
2E	LD L,n	MVI L,n
2F	CPL	CMA
30	JR NC,e	-
31	LD SP,nn	LXI SP,nn
32	LD (nn),A	STA nn
33	INC SP	INX SP
34	INC (HL)	INR M
35	DEC (HL)	DCR M
36	LD (HL),n	MVI M,n
37	SCF	STC
38	JR C,e	-
39	ADD HL,SP	DAD SP
3A	LD A,(nn)	LDA nn
3B	DEC SP	DCX SP
3C	INC A	INR A
3D	DEC A	DCR A
3E	LD A,N	MVI A,n
3F	CCF	CMC
40	LD B,B	MOV B,B
41	LD B,C	MOV B,C
42	LD B,D	MOV B,D
43	LD B,E	MOV B,E
44	LD B,H	MOV B,H
45	LD B,L	MOV B,L
46	LD B,(HL)	MOV B,M
47	LD B,A	MOV B,A
48	LD C,B	MOV C,B
49	LD C,C	MOV C,C
4A	LD C,D	MOV C,D
4B	LD C,E	MOV C,E
4C	LD C,H	MOV C,H
4D	LD C,L	MOV C,L
4E	LD C,(HL)	MOV C,M
4F	LD C,A	MOV C,A
50	LD D,B	MOV D,B
51	LD D,C	MOV D,C
52	LD D,D	MOV D,D

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53	LD D,E	MOV D,E
54	LD D,H	MOV D,H
55	LD D,L	MOV D,L
56	LD D,(HL)	MOV D,M
57	LD D,A	MOV D,A
58	LD E,B	MOV E,B
59	LD E,C	MOV E,C
5A	LD E,D	MOV E,D
5B	LD E,E	MOV E,E
5C	LD E,H	MOV E,H
5D	LD E,L	MOV E,L
5E	LD E,(HL)	MOV E,M
5F	LD E,A	MOV E,A
60	LD H,B	MOV H,B
61	LD H,C	MOV H,C
62	LD H,D	MOV H,D
63	LD H,E	MOV H,E
64	LD H,H	MOV H,H
65	LD H,L	MOV H,L
66	LD H,(HL)	MOV H,M
67	LD H,A	MOV H,A
68	LD L,B	MOV L,B
69	LD L,C	MOV L,C
6A	LD L,D	MOV L,D
6B	LD L,E	MOV L,E
6C	LD L,H	MOV L,H
6D	LD L,L	MOV L,L
6E	LD L,(HL)	MOV L,M
6F	LD L,A	MOV L,A
70	LD (HL),B	MOV M,B
71	LD (HL),C	MOV M,C
72	LD (HL),D	MOV M,D
73	LD (HL),E	MOV M,E
74	LD (HL),H	MOV M,H
75	LD (HL),L	MOV M,L
76	HALT	HLT
77	LD (HL),A	MOV N,A
78	LD A,B	MOV A,B
79	LD A,C	MOV A,C
7A	LD A,D	MOV A,D
7B	LD A,E	MOV A,E
7C	LD A,H	MOV A,H
7D	LD A,L	MOV A,L

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7E	LD A,(HL)	MOV A,M
7F	LD A,A	MOV A,A
80	ADD A,B	ADD B
81	ADD A,C	ADD C
82	ADD A,D	ADD D
83	ADD A,E	ADD E
84	ADD A,H	ADD H
85	ADD A,L	ADD L
86	ADD A,(HL)	ADD M
87	ADD A,A	ADD A
88	ADC A,B	ADC B
89	ADC A,C	ADC C
8A	ADC A,D	ADC D
8B	ADC A,E	ADC E
8C	ADC A,H	ADC H
8D	ADC A,L	ADC L
8E	ADC A,(HL)	ADC M
8F	ADC A,A	ADC A
90	SUB B	SUB B
91	SUB C	SUB C
92	SUB D	SUB D
93	SUB E	SUB E
94	SUB H	SUB H
95	SUB L	SUB L
96	SUB (HL)	SUB M
97	SUB A	SUB A
98	SBC A,B	SBB B
99	SBC A,C	SBB C
9A	SBC A,D	SBB D
9B	SBC A,E	SBB E
9C	SBC A,H	SBB H
9D	SBC A,L	SBB L
9E	SBC A,(HL)	SBB M
9F	SBC A,A	SBB A
A0	AND B	ANA B
A1	AND C	ANA C
A2	AND D	ANA D
A3	AND E	ANA E
A4	AND H	ANA H
A5	AND L	ANA L
A6	AND (HL)	ANA M
A7	AND A	ANA A
A8	XOR B	XRA B

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A9	XOR C	XRA C
AA	XOR D	XRA D
AB	XOR E	XRA E
AC	XOR H	XRA H
AD	XOR L	XRA L
AE	XOR (HL)	XRA M
AF	XOR A	XRA A
B0	OR B	ORA B
B1	OR C	ORA C
B2	OR D	ORA D
B3	OR E	ORA E
B4	OR H	ORA H
B5	OR L	ORA L
B6	OR (HL)	ORA M
B7	OR A	ORA A
B8	CP B	CMP B
B9	CP C	CMP C
BA	CP D	CMP D
BB	CP E	CMP E
BC	CP H	CMP H
BD	CP L	CMP L
BE	CP (HL)	CMP M
BF	CP A	CMP A
C0	RET NZ	RNZ
C1	POP BC	POP B
C2	JP NZ,nn	JNZ nn
C3	JP nn	JMP nn
C4	CALL NZ,nn	CNZ nn
C5	PUSH BC	PUSH B
C6	ADD A,n	ADI n
C7	RST 00H	RST 0
C8	RET Z	RZ
C9	RET	RET
CA	JP Z,nn	JZ nn
CB	#CB CB	-
CC	CALL Z,nn	CZ nn
CD	CALL nn	CALL nn
CE	ADC A,n	ACI n
CF	RST 08H	RST 1
D0	RET NC	RNC
D1	POP DE	POP D
D2	JP NC,nn	JNC nn
D3	OUT (N),A	OUT n

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D4	CALL NC,nn	CNC nn
D5	PUSH DE	PUSH D
D6	SUB n	SUI n
D7	RST 10H	RST 2
D8	RET C	RC
D9	EXX	-
DA	JP C,nn	JC nn
DB	IN A,(n)	IN n
DC	CALL C,nn	CC nn
DD	DD	-
DE	SBC A,n	SBI n
DF	RST 18H	RST 3
E0	RET PO	RPO
E1	POP HL	POP H
E2	JP PO,nn	JPO nn
E3	EX (SP),HL	XTHL
E4	CALL PO,nn	CPO nn
E5	PUSH HL	PUSH H
E6	AND n	ANI n
E7	RST 20H	RST 4
E8	RET PE	RPE
E9	JP (HL)	PCHL
EA	JP PE,nn	JPE nn
EB	EX DE,HL	XCHG
EC	CALL PE,nn	CPE nn
ED	ED	-
EE	XOR n	XRI n
EF	RST 28H	RST 5
F0	RET P	RP
F1	POP AF	POP PSW
F2	JP P,nn	JP nn
F3	DI	DI
F4	CALL P,nn	CP nn
F5	PUSH AF	PUSH PSW
F6	OR n	ORI n
F7	RST 30H	RST 6
F8	RET M	RM
F9	LD SP,HL	SPHL
FA	JP M,nn	JM nn
FB	EI	EI
FC	CALL M,nn	CM nn
FD	FD	-
FE	CP n	CPI n

hex	Z80	I8080
FF	RST 38H	RST 7

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