

8008  
命令表

即値転送

06	MVI A,nn
0E	MVI B,nn
16	MVI C,nn
1E	MVI D,nn
26	MVI E,nn
2E	MVI H,nn
36	MVI L,nn
3E	MVI M,nn

入力

41	IN 0
43	IN 1
45	IN 2
47	IN 3
49	IN 4
4B	IN 5
4D	IN 6
4F	IN 7

出力

51	OUT 8
53	OUT 9
55	OUT 10
57	OUT 11
59	OUT 12
5B	OUT 13
5D	OUT 14
5F	OUT 15
61	OUT 16
63	OUT 17
65	OUT 18
67	OUT 19
69	OUT 20
6B	OUT 21
6D	OUT 22
6F	OUT 23
71	OUT 24
73	OUT 25
75	OUT 26
77	OUT 27
79	OUT 28
7B	OUT 29
7D	OUT 30
7F	OUT 31

未定義命令

22	未定義
2A	未定義
32	未定義
38	未定義
39	未定義
3A	未定義

データ転送

C0	MOV A,A
C1	MOV A,B
C2	MOV A,C
C3	MOV A,D
C4	MOV A,E
C5	MOV A,H
C6	MOV A,L
C7	MOV A,M
C8	MOV B,A
C9	MOV B,B
CA	MOV B,C
CB	MOV B,D
CC	MOV B,E
CD	MOV B,H
CE	MOV B,L
CF	MOV B,M
D0	MOV C,A
D1	MOV C,B
D2	MOV C,C
D3	MOV C,D
D4	MOV C,E
D5	MOV C,H
D6	MOV C,L
D7	MOV C,M
D8	MOV D,A
D9	MOV D,B
DA	MOV D,C
DB	MOV D,D
DC	MOV D,E
DD	MOV D,H
DE	MOV D,L
DF	MOV D,M
E0	MOV E,A
E1	MOV E,B
E2	MOV E,C
E3	MOV E,D
E4	MOV E,E
E5	MOV E,H
E6	MOV E,L
E7	MOV E,M
E8	MOV H,A
E9	MOV H,B
EA	MOV H,C
EB	MOV H,D
EC	MOV H,E
ED	MOV H,H
EE	MOV H,L
EF	MOV H,M
F0	MOV L,A
F1	MOV L,B
F2	MOV L,C
F3	MOV L,D
F4	MOV L,E
F5	MOV L,H
F6	MOV L,L
F7	MOV L,M
F8	MOV M,A
F9	MOV M,B
FA	MOV M,C
FB	MOV M,D
FC	MOV M,E
FD	MOV M,H
FE	MOV M,L

算術演算

80	ADD A
81	ADD B
82	ADD C
83	ADD D
84	ADD E
85	ADD H
86	ADD L
87	ADD M
04	ADI nn

88	ADC A
89	ADC B
8A	ADC C
8B	ADC D
8C	ADC E
8D	ADC H
8E	ADC L
8F	ADC M
0C	ACI nn

90	SUB A
91	SUB B
92	SUB C
93	SUB D
94	SUB E
95	SUB H
96	SUB L
97	SUB M
14	SUI nn

98	SBB A
99	SBB B
9A	SBB C
9B	SBB D
9C	SBB E
9D	SBB H
9E	SBB L
9F	SBB M
1C	SBI nn

比較

B8	CMP A
B9	CMP B
BA	CMP C
BB	CMP D
BC	CMP E
BD	CMP H
BE	CMP L
BF	CMP M
3C	CPI nn

論理演算

A0	ANA A
A1	ANA B
A2	ANA C
A3	ANA D
A4	ANA E
A5	ANA H
A6	ANA L
A7	ANA M
24	ANI nn

A8	XRA A
A9	XRA B
AA	XRA C
AB	XRA D
AC	XRA E
AD	XRA H
AE	XRA L
AF	XRA M
2C	XRI nn

B0	ORA A
B1	ORA B
B2	ORA C
B3	ORA D
B4	ORA E
B5	ORA H
B6	ORA L
B7	ORA M
34	ORI nn

ローテート

02	RLC
0A	RRC
12	RAL
1A	RAR

インクリメント

08	INR B
10	INR C
18	INR D
20	INR E
28	INR H
30	INR L

デクリメント

09	DCR B
11	DCR C
19	DCR D
21	DCR E
29	DCR H
31	DCR L

制御

44	JMP nnnn
4C	JMP nnnn
54	JMP nnnn
5C	JMP nnnn
64	JMP nnnn
6C	JMP nnnn
74	JMP nnnn
7C	JMP nnnn
40	JNC nnnn
48	JNZ nnnn
50	JP nnnn
58	JPO nnnn
60	JC nnnn
68	JZ nnnn
70	JM nnnn
78	JPE nnnn

46	CALL nnnn
4E	CALL nnnn
56	CALL nnnn
5E	CALL nnnn
66	CALL nnnn
6E	CALL nnnn
76	CALL nnnn
7E	CALL nnnn
42	CNC nnnn
4A	CNZ nnnn
52	CP nnnn
5A	CPO nnnn
62	CC nnnn
6A	CZ nnnn
72	CM nnnn
7A	CPE nnnn

07	RET
0F	RET
17	RET
1F	RET
27	RET
2F	RET
37	RET
3F	RET
03	RNC
0B	RNZ
13	RP
1B	RPO
23	RC
2B	RZ
33	RM
3B	RPE

05	RST 0
0D	RST 1
15	RST 2
1D	RST 3
25	RST 4
2D	RST 5
35	RST 6
3D	RST 7

00	HLT
01	HLT
FF	HLT