

00	HLT	40	JNC nnnn	80	ADD A	C0	MOV A,A
01	HLT	41	IN 0	81	ADD B	C1	MOV A,B
02	RLC	42	CNC nnnn	82	ADD C	C2	MOV A,C
03	RNC	43	IN 1	83	ADD D	C3	MOV A,D
04	ADI nn	44	JMP nnnn	84	ADD E	C4	MOV A,E
05	RST 0	45	IN 2	85	ADD H	C5	MOV A,H
06	MVI A,nn	46	CALL nnnn	86	ADD L	C6	MOV A,L
07	RET	47	IN 3	87	ADD M	C7	MOV A,M
08	INR B	48	JNZ nnnn	88	ADC A	C8	MOV B,A
09	DCR B	49	IN 4	89	ADC B	C9	MOV B,B
0A	RRC	4A	CNZ nnnn	8A	ADC C	CA	MOV B,C
0B	RNZ	4B	IN 5	8B	ADC D	CB	MOV B,D
0C	ACI nn	4C	JMP nnnn	8C	ADC E	CC	MOV B,E
0D	RST 1	4D	IN 6	8D	ADC H	CD	MOV B,H
0E	MVI B,nn	4E	CALL nnnn	8E	ADC L	CE	MOV B,L
0F	RET	4F	IN 7	8F	ADC M	CF	MOV B,M
10	INR C	50	JP nnnn	90	SUB A	D0	MOV C,A
11	DCR C	51	OUT 8	91	SUB B	D1	MOV C,B
12	RAL	52	CP nnnn	92	SUB C	D2	MOV C,C
13	RP	53	OUT 9	93	SUB D	D3	MOV C,D
14	SUI nn	54	JMP nnnn	94	SUB E	D4	MOV C,E
15	RST 2	55	OUT 10	95	SUB H	D5	MOV C,H
16	MVI C,nn	56	CALL nnnn	96	SUB L	D6	MOV C,L
17	RET	57	OUT 11	97	SUB M	D7	MOV C,M
18	INR D	58	JPO nnnn	98	SBB A	D8	MOV D,A
19	DCR D	59	OUT 12	99	SBB B	D9	MOV D,B
1A	RAR	5A	CPO nnnn	9A	SBB C	DA	MOV D,C
1B	RPO	5B	OUT 13	9B	SBB D	DB	MOV D,D
1C	SBI nn	5C	JMP nnnn	9C	SBB E	DC	MOV D,E
1D	RST 3	5D	OUT 14	9D	SBB H	DD	MOV D,H
1E	MVI D,nn	5E	CALL nnnn	9E	SBB L	DE	MOV D,L
1F	RET	5F	OUT 15	9F	SBB M	DF	MOV D,M
20	INR E	60	JC nnnn	A0	ANA A	E0	MOV E,A
21	DCR E	61	OUT 16	A1	ANA B	E1	MOV E,B
22		62	CC nnnn	A2	ANA C	E2	MOV E,C
23	RC	63	OUT 17	A3	ANA D	E3	MOV E,D
24	ANI nn	64	JMP nnnn	A4	ANA E	E4	MOV E,E
25	RST 4	65	OUT 18	A5	ANA H	E5	MOV E,H
26	MVI E,nn	66	CALL nnnn	A6	ANA L	E6	MOV E,L
27	RET	67	OUT 19	A7	ANA M	E7	MOV E,M
28	INR H	68	JZ nnnn	A8	XRA A	E8	MOV H,A
29	DCR H	69	OUT 20	A9	XRA B	E9	MOV H,B
2A		6A	CZ nnnn	AA	XRA C	EA	MOV H,C
2B	RZ	6B	OUT 21	AB	XRA D	EB	MOV H,D
2C	XRI nn	6C	JMP nnnn	AC	XRA E	EC	MOV H,E
2D	RST 5	6D	OUT 22	AD	XRA H	ED	MOV H,H
2E	MVI H,nn	6E	CALL nnnn	AE	XRA L	EE	MOV H,L
2F	RET	6F	OUT 23	AF	XRA M	EF	MOV H,M
30	INR L	70	JM nnnn	B0	ORA A	F0	MOV L,A
31	DCR L	71	OUT 24	B1	ORA B	F1	MOV L,B
32		72	CM nnnn	B2	ORA C	F2	MOV L,C
33	RM	73	OUT 25	B3	ORA D	F3	MOV L,D
34	ORI nn	74	JMP nnnn	B4	ORA E	F4	MOV L,E
35	RST 6	75	OUT 26	B5	ORA H	F5	MOV L,H
36	MVI L,nn	76	CALL nnnn	B6	ORA L	F6	MOV L,L
37	RET	77	OUT 27	B7	ORA M	F7	MOV L,M
38		78	JPE nnnn	B8	CMP A	F8	MOV M,A
39		79	OUT 28	B9	CMP B	F9	MOV M,B
3A		7A	CPE nnnn	BA	CMP C	FA	MOV M,C
3B	RPE	7B	OUT 29	BB	CMP D	FB	MOV M,D
3C	CPI nn	7C	JMP nnnn	BC	CMP E	FC	MOV M,E
3D	RST 7	7D	OUT 30	BD	CMP H	FD	MOV M,H
3E	MVI M,nn	7E	CALL nnnn	BE	CMP L	FE	MOV M,L
3F	RET	7F	OUT 31	BF	CMP M	FF	HLT