

Sheet1

Hex	Mnemonic	Hex	Mnemonic	Hex	Mnemonic	Hex
0	NOP	50	MOV D,B	9B	SBB E	E9
1	LXI B	51	MOV D,C	9C	SBB H	EA
2	STAX B	52	MOV D,D	9D	SBB L	EB
3	INX B	53	MOV D,E	9E	SBB M	EC
4	INR B	54	MOV D,H	9F	SBB A	EE
5	DCR B	55	MOV D,L	A0	ANA B	EF
6	MVI B	56	MOV D,M	A1	ANA C	F0
7	RLC	57	MOV D,A	A2	ANA D	F1
9	DAD B	58	MOV E,B	A3	ANA E	F2
0A	LDAX B	59	MOV E,C	A4	ANA H	F3
0B	DCX B	5A	MOV E,D	A5	ANA L	F4
0C	INR C	5B	MOV E,E	A6	ANA M	F5
0D	DCR C	5C	MOV E,H	A7	ANA A	F6
0E	MVI C	5D	MOV E,L	A8	XRA B	F7
0F	RRC	5E	MOV E,M	A9	XRA C	F8
11	LXI D	5F	MOV E,A	AA	XRA D	F9
12	STAX D	60	MOV H,B	AB	XRA E	FA
13	INX D	61	MOV H,C	AC	XRA H	FB
14	INR D	62	MOV H,D	AD	XRA L	FC
15	DCR D	63	MOV H,E	AE	XRA M	FE
16	MVI D	64	MOV H,H	AF	XRA A	FF
17	RAL	65	MOV H,L	B0	ORA B	
19	DAD D	66	MOV H,M	B1	ORA C	
1A	LDAX D	67	MOV H,A	B2	ORA D	
1B	DCX D	68	MOV L,B	B3	ORA E	
1C	INR E	69	MOV L,C	B4	ORA H	
1D	DCR E	6A	MOV L,D	B5	ORA L	
1E	MVI E	6B	MOV L,E	B6	ORA M	
1F	RAR	6C	MOV L,H	B7	ORA A	
20	RIM	6D	MOV L,L	B8	CMP B	
21	LXI H	6E	MOV L,M	B9	CMP C	
22	SHLD	6F	MOV L,A	BA	CMP D	
23	INX H	70	MOV M,B	BB	CMP E	
24	INR H	71	MOV M,C	BC	CMP H	
25	DCR H	72	MOV M,D	BD	CMP L	
26	MVI H	73	MOV M,E	BE	CMP M	
27	DAA	74	MOV M,H	BF	CMP A	
29	DAD H	75	MOV M,L	C0	RNZ	
2A	LHLD	76	HLT	C1	POP B	
2B	DCX H	77	MOV M,A	C2	JNZ	
2C	INR L	78	MOV A,B	C3	JMP	
2D	DCR L	79	MOV A,C	C4	CNZ	
2E	MVI L	7A	MOV A,D	C5	PUSH B	
2F	CMA	7B	MOV A,E	C6	ADI	
30	SIM	7C	MOV A,H	C7	RST 0	
31	LXI SP	7D	MOV A,L	C8	RZ	
32	STA	7E	MOV A,M	C9	RET	

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33	INX SP	7F	MOA A, A	CA	JZ	
34	INR M	80	ADD B	CC	CZ	
35	DCR M	81	ADD C	CD	CALL	
36	MVI M	82	ADD D	CE	ACI	
37	STC	83	ADD E	CF	RST 1	
39	DAD SP	84	ADD H	D0	RNC	
3A	LDA	85	ADD L	D1	POP D	
3B	DCX SP	86	ADD M	D2	JNC	
3C	INR A	87	ADD A	D3	OUT	
3D	DCR A	88	ADC B	D4	CNC	
3E	MVI A	89	ADC C	D5	PUSH D	
3F	CMC	8A	ADC D	D6	SUI	
40	MOV B, B	8B	ADC E	D7	RST 2	
41	MOV B, C	8C	ADC H	D8	RC	
42	MOV B, D	8D	ADC L	DA	JC	
43	MOV B, E	8E	ADC M	DB	IN	
44	MOV B, H	8F	ADC A	DC	CC	
45	MOV B, L	90	SUB B	DE	SBI	
46	MOV B, M	91	SUB C	DF	RST 3	
47	MOV B, A	92	SUB D	E0	RPO	
48	MOV C, B	93	SUB E	E1	POP H	
49	MOV C, C	94	SUB H	E2	JPO	
4A	MOV C, D	95	SUB L	E3	XTHL	
4B	MOV C, E	96	SUB M	E4	CPO	
4C	MOV C, H	97	SUB A	E5	PUSH H	
4D	MOV C, L	98	SBB B	E6	ANI	
4E	MOV C, M	99	SBB C	E7	RST 4	
4F	MOV C, A	9A	SBB D	E8	RPE	

[illegible]

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