

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