

Address	Label	Mnemonics	Hexcode	Bytes	M-Cycles	T-States
0000	LOOP	LDA 21FF	3A	3	4	13
0001			FF			
0002			21			
0003		MOV B,A	47	1	1	4
0004		LXI H,0000	21	3	3	10
0005			00			
0006			00			
0007		LXI D,2200	11	3	3	10
0008			00			
0009			22			
000A		LDAX D	1A	1	2	7
000B		RLC	07	1	1	4
000C		JNC NEXT	D2	3	3	10
000D			1B			
000E			00			
000F		RRC	0F	1	1	4
0010	NEXT	RRC	0F	1	1	4
0011		JNC NEXT	D2	3	3	10
0012			1B			
0013			00			
0014		RLC	07	1	1	4
0015		MOV C,A	4F	1	1	4
0016		MOV A,B	78	1	1	4
0017		MVI B,00	06	2	2	7
0018			00			
0019		DAD B	09	1	3	10
001A		MOV B,A	47	1	1	4
001B		INX D	13	1	1	6
001C		DCR B	05	1	1	4
001D		JNZ LOOP	C2	3	3	10
001E			0A			
001F			00			
0020		SHLD 2500	22	3	5	16
0021			00			
0022			25			
0023		HLT	76	1	2	5