

Address	Label	Mnemonics	Hexcode	Bytes	M-Cycles	T-States	
0000	LOOP	LDA 21FF	3A	3	4	13	10
0001			FF				
0002			21				
0003		MOV C,A	4F	1	1	4	
0004		LXI H,2200		21	3	3	
0005			00				
0006			22				
0007		MVI D,00	16	2	2	7	
0008			00				
0009		MVI E,00	1E	2	2	7	
000A			00				
000B		MOV A,M	7E	1	2	7	
000C		MOV B,A	47	1	1	4	
000D		ANI 81	E6	2	2	7	
000E			81				
000F		CPI 81	FE	2	2	7	
0010			81				
0011	SKIPCAR SKIP	JNZ SKIP	C2	3	3	10	10
0012			1B				
0013			00				
0014		MOV A,B	78	1	1	4	
0015		ADD D	82	1	1	4	
0016		JNC SKIPCAR		D2	3	3	
0017			1A				
0018			00				
0019		INR E	1C	1	1	4	
001A		MOV D,A	57	1	1	4	
001B		INX H	23	1	1	6	
001C		DCR C	0D	1	1	4	
001D		JNZ LOOP	C2	3	3	10	
001E			0B				
001F			00				
0020		MOV A,E	7B	1	1	4	
0021		STA 2501	32	3	4	13	
0022			01				
0023			25				
0024		MOV A,D	7A	1	1	4	
0025		STA 2500	32	3	4	13	
0026			00				
0027			25				