

Address	Label	Mnemonics	Hexcode	Bytes	M-Cycles	T-States		
0000		LDA 204F	3A	3	4	13		
0001			4F					
0002			20					
0003		MOV B,A	47	1	1	4		
0004	STARTOUTER		LXI H,2050		21	3	3	10
0005			50					
0006			20					
0007		MVI C,00	0E	2	2	7		
0008			00					
0009	STARTINNER		MOV A,C	79	1	1	4	
000A		CMP B	B8	1	1	4		
000B		JNC EXITINNER		D2	3	3	10	
000C			1E					
000D			00					
000E		MOV A,M	7E	1	2	7		
000F		INX H	23	1	1	6		
0010		CMP M	BE	1	2	7		
0011		JC SKIP	DA	3	3	10		
0012			1A					
0013			00					
0014		MOV E,M	5E	1	2	7		
0015		MOV M,A	77	1	2	7		
0016		MOV A,E	7B	1	1	4		
0017		DCX H	2B	1	1	6		
0018		MOV M,A	77	1	2	7		
0019		INX H	23	1	1	6		
001A	SKIP	INR C	0C	1	1	4		
001B		JMP STARTINNER		C3	3	3	10	
001C			09					
001D			00					
001E	EXITINNER	DCR B	05	1	1	4		
001F		JNZ STARTOUTER		C2	3	3	10	
0020			04					
0021			00					