

Example 2

Assembly Instruction	Memory Address (Hex)	Machine Language (Hex)
LDA 2000H	2100	3A
	2101	00
	2102	20
CPI 05H	2103	FE
	2104	05
LXI H, 2001H	2105	21
	2106	01
	2107	20
JC Zero	2108	DA
	2109	13
	210A	21
JZ Zero	210B	CA
	210C	13
	210D	21

MVIM,01H 210E 36
210F 01

~~JMP~~ JMP End 2110 C3

2111 15

2112 21

~~Zero~~:MVIM,00H 2113 36

2114 00

End: RST5 2115 ~~06~~EF