









LDA #7E

Q5

INCA

Q6

JMP 22

Q5

*FO*  
03  
08  
*E1*  
10  
24  
*FA*  
33  
22

-

-









05

07

EF

20

02

21

21

20

05

07

EF

20

02

21

21

20



OP | Adr | Data

- Q4  $(Q_4 \cdot I_{EF})$   $M(PC) \xrightarrow{\text{M(Adr)}} R ; PC+1 \xrightarrow{\text{(# Data)}} PC, LD_R; INC_{PC}; f_3; f_0; MR,$
- Q5  $(Q_5 \cdot I_{EF})$   $M(PC) \xrightarrow{\text{M(Adr)}} T ; PC+1 \xrightarrow{\text{(# Data)}} PC, MR; LD_T; INC_{PC},$
- Q6  $(Q_6 \cdot I_{EF})$   $A-T; ALU(z) \xrightarrow{\text{CC}} f_3; f_2; OE_A; g_0; LD_{CC}, g_9; g_8; g_5; g_4; g_3; g_2$
- Q7  $(Q_7 \cdot I_{EF})$   $\begin{cases} M(R) \xrightarrow{\text{f(z=1)}} PC \\ (OE_R; LD_{SP}) \cdot z \end{cases}$

