

where formula2 and formula3 are optional. Typing any character terminates the DELAY and resumes program execution.

Example: DELAY 0,5,50

OUT [formula1], [formula2]

Outputs the value of formula2 on the output port specified by formula1. A BY error occurs if either formula is not an 8-bit quantity.

Example: OUT 100, X

POKE [formula1], [formula2]

Puts the value of formula2 into the memory location specified by formula1. A BY error occurs if formula2 is not an 8-bit quantity.

Example: POKE 25, X

CALL [number], [parameter1], [parameter2]...

Calls the machine language subroutine at location specified by number. The parameters are optional, and may be either [variable] or *[array variable]. The subroutine GTPAR returns information about the next parameter in the list, with type information passed in the A register and additional information in other registers as required.

Example: CALL #8000, I, *A, B(1)

SCALL [number], [integer var1], [integer var2], [integer var3]

Calls the machine language subroutine at location specified by number. If the optional variables are present, their values are passed in registers BC, DE and HL, and the values in BC, DE and HL when the routine returns are assigned to the variables. An MC error occurs if more than three parameters are specified or if the parameters are not integer variables.

Example: SCALL #7400, X

WAIT [formula1], [formula2], [formula3], \$

Suspends processing until the port specified by formula1 has the value specified by formula2, masked by optional formula3. The optional \$ indicates processing is to continue if any bit matches. A BY error occurs if any of the formulas are not 8-bit quantities.

Example: WAIT 10, 0

ENABLE [line number], [formula1], [formula2], [formula3], \$

Specifies an interrupt condition to be tested before each command is executed. The condition is fulfilled if the value on input port formula1 matches the value of formula2, masked by optional formula3; if the optional \$ is present, the condition is fulfilled if any bit matches. If it is not fulfilled, program execution continues normally; if it is fulfilled, an interrupt occurs and control is transferred to the subroutine at the given line number. An EN error occurs if more than eight interrupts are ENABLED simultaneously, and an ID error occurs if ENABLE is used in direct mode.

Example: 10 ENABLE 100, 22, &101

DISABLE [line number]

Removes the interrupt set by the given line number; removes all interrupts if no line number is given.

Example: DISABLE 10

RANDOMIZE [formula]

Uses formula to reinitialize the pseudorandom number generator.

Example: RANDOMIZE 125