

LIST OF COMMANDS, FUNCTIONS, AND OPERATORS

-commands and functions-

NEW NEW PROGRAM EX: NEW
LIST LIST PROGRAM EX: LIST
PRINT PRINT VALUE TO SCREEN EX: PRINT A
PRX PRINT HEX EX: PRX 100 results in the output: 64
PRB PRINT BINARY EX: PIB INB prints PINB in binary
\$ CONVERT TWO FOLLOWING CHARACTERS FROM ASCII EX: A:=\$31
KEY GET KEY FROM TERMINAL EX: A := KEY ; or KEY (return) to pause.
EMIT EMIT VALUE AS ASCII CHARACTER TO TERMINAL EX: EMIT \$20
RUN RUN PROGRAM EX: RUN
IF-THEN CONTROL STRUCTURE EX: IF A=31 THEN GOTO 100
FOR-TO-NEXT LOOPING STRUCTURE EX: see below
GOSUB-RETURN PROGRAM FLOW CONTROL EX: see below
GOTO PROGRAM FLOW EX: GOTO 100
SIZE PRINT REMAINING BYTES OF PROGRAM SPACE TO SCREEN EX: SIZE
END STOP EXECUTION OF PROGRAM EX: END
PEEK READ VALUE OF MEMORY EX: PRX PEEK A, B
POKE WRITE VALUE OF MEMORY EX: POKE A, \$31; POKE VALUE, destination
<backspace> DESTRUCTIVE BACKSPACE DURING LINE EDITING
SAVE SAVE PROGRAM AND VARIABLES TO EEPROM EX: SAVE
LOAD LOAD PROGRAM AND VARIABLES FROM EEPROM EX: LOAD

-operator/relational-

:= set equal to, LET instruction not needed)
= used for evaluation as in IF a = b THEN...)
<> not equal to
> is greater than
< is less than
- subtraction, 8 bit unsigned
+ addition, 8 bit, unsigned
AND logical AND between two 8 bit values
OR logical OR between two 8 bit values
EXOR logical Exclusive OR between two 8 bit values

-I/O-

OPB OUTPUT PORT B EX: OPB \$00
OPD OUTPUT PORT D EX: PBD \$00
ODB OUTPUT DATA DIRECTION REGISTER B EX: ODB SFF
ODD OUTPUT DATA DIRECTION REGISTER D EX: ODD SFF
INB INPUT PIN B EX: A:= INB
IND INPUT PIN D EX: B:= IND
SBB SET BIT IN B EX: SBB 2
CBB CLEAR BIT IN B EX: CBB 2
SBD SET BIT IN D EX: SBD 2
CBD CLEAR BIT IN D EX: CBD 2
ACO ANALOG COMPARATOR OUTPUT EX: IF ACO THEN PRINT A.
PWM8 PULSE WIDTH MODULATION 8 BIT EX: PWM 17
PWE PWM EXTENDED 10 BIT PWM ED: PWE 2,00 result in a 50% cycle
PWO PWM OFF