

MicroByte

Software for the 2650

BASIC

This BASIC interpreter has been written with compatibility as its main emphasis. It conforms very closely to the ANSI standard, and as such it should be possible to run almost all BASIC programs without modification.

As well as the normal BASIC keywords, fundamental numeric functions and numeric arrays are provided. The string handling performed by BASIC is particularly extensive, with a wide range of functions and string arrays. MicroByte BASIC uses variable length string storage to conserve memory usage.

The capabilities of BASIC are reflected by the full range of commands available, most of which may be used in the immediate mode. Multiple statements may be included on the one line if they are separated by a colon. The ability to direct output to, or input data from up to four I/O channels, provides BASIC with great data processing versatility.

Programs may be saved and loaded from tape using ACOS or BINBUG Binary format. If the ACOS cassette system is being used, DATA files may also be generated and read by BASIC.

BASIC supports the following Commands, Keywords and Functions.

COMANDS

CONT
LIST
LOAD
NEW
OLD
RUN
SAVE
SIZE

KEYWORDS

CALL
DATA
END
FOR-NEXT
GOTO
GOSUB
IF-THEN
INPUT
LET
POKE
PRINT
READ
REM
RETURN
STOP

FUNCTIONS

ABS
ASC
COS
CHR\$
EXP
INT
LOG
LEFT\$
LEN
MID\$
PEEK
RIGHT\$
RND
SGR
STR\$
TAB
VAL

Comprehensive error reporting is provided. Numeric variables are accurate to 6 significant figures and may be within the range $1E-64 < X < 9.99999E62$. Line numbers may be between 1 and 9999. The program contains no embedded storage and may be placed in EPROM if desired.

FEATURES

- Compatible with other major BASICs.
- Extensive range of Commands and functions supported.
- Comprehensive string handling.
- Single dimensioned numeric and string arrays are provided.
- Programs may be saved to or loaded from tape.
- DATA files are supported (with ACOS).

REQUIREMENTS

Memory

Scratch	0440 - 07FF
Program	0800 - 1FFF
Basic Program Buffer and Variable storage	2000 +

Optional

Cassette system
PIPBUG, BINBUG Binary or ACOS.

Output may be directed to a printer if desired.

COST

BINBUG Binary format or ACOS format cassette.	\$27.50
Including 75 page instruction manual.	
Post and packing	\$ 2.00

AVAILABILITY

Counter sales - Sydney	APPLIED TECHNOLOGY. 1a Pattison Ave., Waitara. 2077
- Melbourne	COTTAGE COMPUTERS 386 Queens Pde., North Fitzroy. 3068
Mail order sales	MicroByte, P.O. BOX 274, Belconnen. 2616