



# DECUS

## PROGRAM LIBRARY

DECUS NO.	12-135
TITLE	MAC8, 8K MACRO ASSEMBLER
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SOURCE LANGUAGE	PAL-8

### ATTENTION

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MAC8, 8K MACRO ASSEMBLER

DECUS Program Library Write-up

DECUS NO. 8-633

ABSTRACT

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MAC8 IS AN 8-K ASSEMBLER WHICH RUNS UNDER PS/8 AND OS/8. IT ALLOWS MACROS TO BE WRITTEN ALONG WITH OTHER ASSEMBLY LANGUAGE INSTRUCTIONS.

USAGE

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. R MAC8  
\*DEV1:BIN. BN, DEV2:LIST. LS, DEV3:BIN1. PA, ...

WHERE THE FIRST OUTPUT FILE IS THE BINARY FILE,  
AND THE SECOND OUTPUT FILE IS THE LISTING FILE.

ASSUMED INPUT EXTENSIONS ARE .MC  
ASSUMED BINARY OUTPUT EXTENSION IS .BN  
ASSUMED LISTING OUTPUT EXTENSION IS .LS

COMMAND DECODER OPTIONS:

/N SYMBOL TABLE ONLY IN THE LISTING  
/S OMIT SYMBOL TABLE IN THE LISTING  
/L CALL ABSLDR AFTER ASSEMBLING  
/G LOAD THE FILE AND START THE PROGRAM.  
A STARTING ADDRESS MAY BE SPECIFIED TO ABSLDR BY =NNNNN.

DIFFERENCES BETWEEN MAC8 AND DEC'S MACRO ASSEMBLER:

8K VERSUS 4K  
XLIST PSEUDO-OP ADDED  
CHAINING TO ABSLDR ADDED.  
INPUT AND OUTPUT FROM PS/8 FILES.  
NEATLY FORMATTED LISTINGS, INCLUDING DATE AND PAGE NUMBERS.  
NO LG ERROR MESSAGE ON PASS 2.

LOADING

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. R ABSLDR  
\*PTR:/B\$  
. SA SYS:MAC8; 5600=1000

DECIMAL  
OCTAL  
FIELD  
PAUSE  
I  
Z  
\$  
EXPUNGE  
FIXTAB  
PAGE  
=  
\*  
DEFINE  
DUBL  
FLTG  
TEXT  
XLIST