

# DH11

DEVICE ROUTINE (MPG)  
MD-11-DTDHA-B

EP-DTDHA-B-DL-A

NOV 1976

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**digital**

FICHE 1 OF 1

MADE IN U.S.A.

This microfiche card contains a grid of frames on the left side, each containing data. The data is organized into columns and rows, with some frames containing headers and footers. The frames are arranged in a grid that is approximately 10 frames wide and 15 frames high. The data in the frames is too small to read clearly, but it appears to be a structured list or table of information.

IDENTIFICATION

PRODUCT CODE: 41000-11-070-01  
 PRODUCT NAME: DATA DEVICE ROUTINE FOR P:  
 DATE: APRIL 1976  
 MANUFACTURER: DIGITAL EQUIPMENT CORPORATION  
 AUTHOR: M. H. DEENE

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Device Routine for PC

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923 002

.SETL REVISION HISTORY

- : APR 76 SYSTEM RELEASE
- : JUN 76 ADDED MEMORY MANAGEMENT SUPPORT
- : OCT 76 CREATED FULL SUPPORT DEVICE ROUTINE
- : AUG 76 SYSTEM INITIAL RELEASE WITH SUPPORT DEVICE ROUTINE

REVISION HISTORY

SYNOPSIS STANDARD DEVICE ROUTINE TABLE  
DATE: DEC-11-0 200-8 DMI1 DEVICE ROUTINE FOR MPC

REVISION 8

FILENAME OF "TDMSB.MPC" ON MPC/DCP MEDIA

MACY11: DTMSB DTMSB OF: SYL/DC-C'DMSB.P::

PAPER TAPE: PUNCH D'DMSB.MPC FILE: ELEV

PROJECT DMI1

THE FOLLOWING TABLE IS IN THE STANDARD: IS FORM: REAL: PC  
TO INTERFACE WITH MPC.

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DC2: .000 .0000

DEVICE ROUT: SIZE IN BYTES

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OTHERWISE RELEASE CONTROL

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FUNCTION ROUTINES

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DRII DEVICE ROUTINE FOR IFC  
DRII FUNCTION ROUTINES

SAVE REGISTERS  
STORE DEVICE REG CONTENTS

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WRITE INT COUNT
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TEST LINE 0 8:0

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WRITE INTERRUPT ROUTINE

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SUMMARY OF THE CONTENTS

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CHAPTER II. THE ...

CHAPTER III. THE ...

CHAPTER IV. THE ...

CHAPTER V. THE ...

CHAPTER VI. THE ...

CHAPTER VII. THE ...

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CHAPTER IX. THE ...

CHAPTER X. THE ...

CHAPTER XI. THE ...

CHAPTER XII. THE ...

CHAPTER XIII. THE ...

CHAPTER XIV. THE ...

CHAPTER XV. THE ...

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ROUTE ROUTINE FOR THE

:D11 ERROR REPORT ROUTINE

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REGISTER FILE

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... SERVICE ROUTINE FOR THE ...  
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: CONVERT BINARY TO ASCII:  
: DO ISSUE JUMP 0 MSG  
: EXIT ROUTINE

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... 5-0-75 DATA  
... DATA FOR  
... OF RECORDS TO ASCII:  
... RECORDS TO ASCII:  
... 5-0-75 DATA  
... 5-0-75 DATA

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ROUTINE FOR THE  
DEVICE ROUTINE

:ISSUE TO LIST DEVICE

PRINT  
PAGE OF  
SET BY DEV  
SYSTEMS

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:TEST READ INTERRUPT VECTOR 5.0

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E03

9804 10:41 9-05-82 24-58-7 14:01 PAGE 4

58: 000

24: 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

24: 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

24: 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

24: 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

24: 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

24: 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

24: 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

24: 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

MESSAGE 5 PAGE 0000

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[Extremely faint and illegible data, possibly a barcode or heavily degraded print, spanning the width of the page]



.SETTL FORMATS FOR PROGRAM & DEVICE ROUTINE TABLES

: PROGRAM TABLE FORMATS

00020

PTLLEN=162 : PROGRAM TABLE LENGTH - NON NEW FRONT VERSION OF MPC

: PTLLEN=212 : PROGRAM TABLE LENGTH - NEW FRONT VERSION OF MPC

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PF\_LEN=0 : PROGRAM FLAG WORD - : WORD

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STG=0 : STOP PROG EXECUTION ON ERROR  
 CYCL=0 : CYCLE PROGRAM ON SAME DEVICE  
 PRN=0 : DO NOT PRINT ON ERROR  
 BIT1=0 : NOT USED  
 BIT2=0 : NOT USED  
 CYCL=1 : CYCLE THE DEVICE  
 STG=1 : STOP ON SAME DEVICE ON ERROR  
 PRN=1 : DO NOT PRINT ON ERROR  
 BIT1=1 : DEVICE SPECIAL OPERATIONS  
 BIT2=1 : NOT USED  
 CYCL=2 : DO NOT PERFORM I/O  
 STG=2 : DO NOT AUTOMATICALLY  
 PRN=2 : AUTO DISPLAY COUNTS AT  
 BIT1=2 : HOLD/KEEP COUNTS IN  
 BIT2=2 : PRINT FIRST BYT BYT IN  
 CYCL=3 : DO NOT PRINT PROC COMPLETE

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PF\_LEN=02 : PROGRAM'S OPERATION SWITCHES - : WORD

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STG=1 : STOP PROG EXECUTION ON ERROR  
 CYCL=0 : CYCLE PROGRAM ON SAME DEVICE  
 PRN=0 : DO NOT PRINT ON ERROR  
 BIT1=0 : NOT USED  
 BIT2=0 : NOT USED  
 CYCL=1 : CYCLE THE DEVICE  
 STG=1 : STOP ON SAME DEVICE ON ERROR  
 PRN=1 : DO NOT PRINT ON ERROR  
 BIT1=1 : DEVICE SPECIAL OPERATIONS  
 BIT2=1 : NOT USED  
 CYCL=2 : DO NOT PERFORM I/O  
 STG=2 : DO NOT AUTOMATICALLY  
 PRN=2 : AUTO DISPLAY COUNTS AT  
 BIT1=2 : HOLD/KEEP COUNTS IN  
 BIT2=2 : PRINT FIRST BYT BYT IN  
 CYCL=3 : DO NOT PRINT PROC COMPLETE

00004

PF\_LEN=04 : PROGRAM FLAGWORD ADDRESS - : WORD

00006

PF\_LEN=06 : PROGRAM'S NUMBER IN ASCII - : WORD

00010

PF\_LEN=08 : PROGRAM'S NAME IN ASCII - 6 BYTES

00016

PF\_LEN=14 : ADDRESS OF READ : : AREA - : WORD

00020

PF\_LEN=16 : ADDRESS OF WRITE : : AREA - : WORD

00028

PF\_LEN=18 : SOURCE STATEMENTS START ADDRESS - : WORD

00024

PF\_LEN=20 : OBJECT CODE START ADDRESS - : WORD

00026

PF\_LEN=22 : PROGRAM LENGTH - ALL ENDS WITH 'L' START - : WORD

00028

PF\_LEN=24 : : : : : WORD



: FOLLOWING ENTRIES (PRECISE) WILL BE PLACED IN NEW MEMORY SECTION

: (PROIOVR) +160. : 18/22 BIT ABSOLUTE ADDRESS OF READ I/O AREA - 2 WORDS

: (PROIOVR) +164. : 18 BIT VIRTUAL ADDRESS OF READ I/O AREA - 2 WORDS

: (PROIOVR) +168. : 18/22 BIT ABSOLUTE ADDRESS OF WRITE I/O AREA - 2 WORDS

: (PROIOVR) +172. : 18 BIT VIRTUAL ADDRESS OF WRITE I/O AREA - 2 WORDS

: (PUPRPS) +176. : STORAGE AREA FOR USER'S PUPRPS : "R" - 8 WORDS

: (PUPRPS) +180. : STORAGE AREA FOR USER'S PUPRPS : "R" - 8 WORDS

: (PUPRPS) +208. : 57 UNITS FOR REG 0 AND 1 OF REGS SEC - . WORD

: END OF NEW MEMORY SECTION ENTRIES

002:

: (P\*SIZE) +160. : PROGRAM TABLE SIZE IN BYTES - . WORD - NEW MEMORY SECTION

: (P\*SIZE) +210. : PROGRAM TABLE SIZE IN BYTES - . WORD - NEW MEMORY SECTION

003:

: (P\*ENC) +162. : END OF PROGRAM TABLE - NEW MEMORY SECTION

: (P\*ENC) +212. : END OF PROGRAM TABLE - NEW MEMORY SECTION

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