```
EEEEEEEEEEEEEEE  DDDDDDDDDDD      TTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE  DDDDDDDDDDD      TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE  DDDDDDDDDDD      TTTTTTTTTTTTTTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEEEEEEEEEEE      DDD       DDD          TTT
EEEEEEEEEEEE      DDD       DDD          TTT
EEEEEEEEEEE       DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEE               DDD       DDD          TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE  DDDDDDDDDDD            TTT
```

```
MM     MM   CCCCCCCC  DDDDDDDD     000000   WW      WW  NN        NN
MM     MM   CCCCCCCC  DDDDDDDD     000000   WW      WW  NN        NN
MMMM MMMM  CC         DD      DD  00      00  WW      WW  NN        NN
MMMM MMMM  CC         DD      DD  00      00  WW      WW  NN        NN
MM MM MM   CC         DD      DD  00      00  WW      WW  NNNN      NN
MM    MM   CC         DD      DD  00      00  WW      WW  NN  NN    NN
MM    MM   CC         DD      DD  00      00  WW      WW  NN    NN  NN
MM    MM   CC         DD      DD  00      00   WW    WW   NN      NNNN
MM    MM   CC         DD      DD  00      00   WW WW WW   NN      NNNN
MM    MM   CC         DD      DD  00      00   WWWW  WWWW  NN        NN
MM    MM   CCCCCCCC   DDDDDDDD     000000    WW      WW  NN        NN
MM    MM   CCCCCCCC   DDDDDDDD     000000    WW      WW  NN        NN
```

```
LL            IIIIII    SSSSSSSS
LL            IIIIII    SSSSSSSS
LL              II    SS
LL              II    SS
LL              II    SS
LL              II    SS
LL              II      SSSSSS
LL              II      SSSSSS
LL              II          SS
LL              II          SS
LL              II          SS
LL              II          SS
LLLLLLLLLL    IIIIII    SSSSSSSS
LLLLLLLLLL    IIIIII    SSSSSSSS
```

J 8

EDT$MCDOWN - move cursor down   16-Sep-1984 01:10:05   VAX-11 Bliss-32 V4.0-742   Page 1
                                             14-Sep-1984 12:23:54   DISK$VMSMASTER:[EDT.SRC]MCDOWN.BLI;1   (1)

```
    1    0001   0 %TITLE 'EDT$MCDOWN - move cursor down'
    2    0002   0 MODULE EDT$MCDOWN (                           ! Move cursor down
    3    0003   0               IDENT = 'V04-000'                ! File: MCDOWN.BLI Edit: JBS1004
    4    0004   0               ) =
    5    0005   1 BEGIN
    6    0006   1 !
    7    0007   1 !********************************************************************
    8    0008   1 !*                                                                  *
    9    0009   1 !*   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                        *
   10    0010   1 !*   DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.         *
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   12    0012   1 !*                                                                  *
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   19    0019   1 !*                                                                  *
   20    0020   1 !*   THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE  *
   21    0021   1 !*   AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT  *
   22    0022   1 !*   CORPORATION.                                                    *
   23    0023   1 !*                                                                  *
   24    0024   1 !*   DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS  *
   25    0025   1 !*   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.         *
   26    0026   1 !*                                                                  *
   27    0027   1 !*                                                                  *
   28    0028   1 !********************************************************************
   29    0029   1 !
   30    0030   1 !
   31    0031   1 !++
   32    0032   1 ! FACILITY:      EDT -- The DEC Standard Editor
   33    0033   1 !
   34    0034   1 ! ABSTRACT:
   35    0035   1 !
   36    0036   1 !       Move cursor down to next line
   37    0037   1 !
   38    0038   1 ! ENVIRONMENT:  Runs at any access mode - AST reentrant
   39    0039   1 !
   40    0040   1 ! AUTHOR: Bob Kushlis, CREATION DATE: September 9, 1979
   41    0041   1 !
   42    0042   1 ! MODIFIED BY:
   43    0043   1 !
   44    0044   1 ! 1-001 - Original.  DJS 19-FEB-1981.  This module was created by
   45    0045   1 !         extracting routine EDT$$CS_DWN  from module MOVCUR.
   46    0046   1 ! 1-002 - Regularize headers.  JBS 11-Mar-1981
   47    0047   1 ! 1-003 - Put edt$$tst_eob in line. STS 22-Sep-1982
   48    0048   1 ! 1-004 - Remove EDT$$G_LN_NO for new screen update logic.  JBS 29-Sep-1982
   49    0049   1 !--
   50    0050   1
```

EDT$MCDOWN   EDT$MCDOWN - move cursor down   K 8
V04-000   Declarations   16-Sep-1984 01:10:05   VAX-11 Bliss-32 V4.0-742   Page 2
     14-Sep-1984 12:23:54   DISK$VMSMASTER:[EDT.SRC]MCDOWN.BLI;1   (2)

```
 52   0051  1  %SBTTL 'Declarations'
 53   0052  1  !
 54   0053  1  !  TABLE OF CONTENTS:
 55   0054  1  !
 56   0055  1
 57   0056  1  REQUIRE 'EDTSRC:TRAROUNAM';
 58   0495  1
 59   0496  1  FORWARD ROUTINE
 60   0497  1      EDT$$CS_DWN;
 61   0498  1
 62   0499  1  !
 63   0500  1  !  INCLUDE FILES:
 64   0501  1  !
 65   0502  1
 66   0503  1  REQUIRE 'EDTSRC:EDTREQ';
 67   0638  1
 68   0639  1  !
 69   0640  1  !  MACROS:
 70   0641  1  !
 71   0642  1  !        NONE
 72   0643  1  !
 73   0644  1  !  EQUATED SYMBOLS:
 74   0645  1  !
 75   0646  1  !        NONE
 76   0647  1  !
 77   0648  1  !  OWN STORAGE:
 78   0649  1  !
 79   0650  1  !        NONE
 80   0651  1  !
 81   0652  1  !  EXTERNAL REFERENCES:
 82   0653  1  !
 83   0654  1  !      In the routine
```

```
 85     0655   1   %SBTTL 'EDT$$CS_DWN  - move cursor down'
 86     0656   1
 87     0657   1   GLOBAL ROUTINE EDT$$CS_DWN                              ! Move cursor down
 88     0658   1       =
 89     0659   1
 90     0660   1   !++
 91     0661   1   ! FUNCTIONAL DESCRIPTION:
 92     0662   1   !
 93     0663   1   !       This routine moves to the first character of the following line.  If the
 94     0664   1   !       current line is EOB then it fails.
 95     0665   1   !
 96     0666   1   ! FORMAL PARAMETERS:
 97     0667   1   !
 98     0668   1   !       NONE
 99     0669   1   !
100     0670   1   ! IMPLICIT INPUTS:
101     0671   1   !
102     0672   1   !       NONE
103     0673   1   !
104     0674   1   ! IMPLICIT OUTPUTS:
105     0675   1   !
106     0676   1   !       NONE
107     0677   1   !
108     0678   1   ! ROUTINE VALUE:
109     0679   1   !
110     0680   1   !       1 = move successful
111     0681   1   !       0 = no next line
112     0682   1   !
113     0683   1   ! SIDE EFFECTS:
114     0684   1   !
115     0685   1   !       If the current line has changed it is replaced in the work file.
116     0686   1   !
117     0687   1   !--
118     0688   1
119     0689   2       BEGIN
120     0690   2
121     0691   2       EXTERNAL ROUTINE
122     0692   2           EDT$$RPL_CHGDLN : NOVALUE,
123     0693   2           EDT$$GET_TXTLN : NOVALUE,
124     0694   2           EDT$$RD_NXTLN;
125     0695   2
126     0696   2       EXTERNAL
127     0697   2           EDT$$A_WK_LN : REF LIN_BLOCK,
128     0698   2           EDT$$Z_EOB_LN;
129     0699   2
130     0700   2   !+
131     0701   2   ! Replace the current line in the work file if it has changed.
132     0702   2   !-
133     0703   2       EDT$$RPL_CHGDLN ();
134     0704   2   !+
135     0705   2   ! If on EOB, then return failure.
136     0706   2   !-
137     0707   2
138     0708   2       IF (.EDT$$A_WK_LN EQLA EDT$$Z_EOB_LN) THEN RETURN (0);
139     0709   2
140     0710   2   !+
141     0711   2   ! Move to the next line, fetch the line into the buffer and return success.
```

EDT
V04

EDTSMCDOWN   EDTSMCDOWN - move cursor down   M 8
V04-000   EDTSSCS_DWN - move cursor down   16-Sep-1984 01:10:05   VAX-11 Bliss-32 V4.0-742   Page   4
                                                           14-Sep-1984 12:23:54   DISK$VMSMASTER:[EDT.SRC]MCDOWN.BLI;1   (3)

```
 142        0712  2 !-
 143        0713  2          EDTSSRD_NXTLN ();
 144        0714  2          EDTSSGET_TXTLN ();
 145        0715  2          RETURN (T);
 146        0716  1      END;                              ! of routine EDTSSCS_DWN


                                                .TITLE   EDTSMCDOWN EDTSMCDOWN - move cursor down
                                                .IDENT   \V04-000\

                                                .EXTRN   EDTSSRPL_CHGDLN
                                                .EXTRN   EDTSSGET-TXTLN, EDTSSRD_NXTLN
                                                .EXTRN   EDTSSA_WR_LN, EDTSSZ_EOB_LN

                                                .PSECT   _EDTSCODE,NOWRT,  SHR,  PIC,2

                                    0000 00000  .ENTRY   EDTSSCS_DWN, Save nothing              ; 0657
          00000000G  00      00  FB 00002        CALLS    #0, EDTSSRPL_CHGDLN                    ; 0703
                 50 00000000G  00  9E 0C009        MOVAB    EDTSSZ_EOB_LN, R0                      ; 0708
                 50 00000000G  00  D1 00010        CMPL     EDTSSA_WK_LN, R0
                                12  13 00017        BEQL     1$
          00000000G  00      00  FB 00019        CALLS    #0, EDTSSRD_NXTLN                      ; 0713
          00000000G  00      00  FB 00020        CALLS    #0; EDTSSGET_TXTLN                     ; 0714
                 50          01  D0 00027        MOVL     #1, R0                                ; 0715
                                04 0002A        RET
                 50  D4 0002B 1$:  CLRL     R0                                    ; 0716
                                04 0002D        RET
```

; Routine Size: 46 bytes,   Routine Base: _EDTSCODE + 0000


```
 147        0717  1
 148        0718  1 !<BLF/PAGE>
```

EDT$MCDOWN   EDT$MCDOWN - move cursor down   N 8
V04-000   EDT$$CS_DWN - move cursor down   16-Sep-1984 01:10:05   VAX-11 Bliss-32 V4.0-742   Page 5
                                                                     14-Sep-1984 12:23:54   DISK$VMSMASTER:[EDT.SRC]MCDOWN.BLI;1   (4)

```
: 150        0719  1 END                                          ! of module EDT$MCDOWN
: 151        0720  1
: 152        0721  0 ELUDOM
```

PSECT SUMMARY

Name	Bytes	Attributes
_EDT$CODE	46	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Total	-------- Symbols -------- Loaded	Percent	Pages Mapped	Processing Time
_255DUA28:[EDT.SRC]EDT.L32;1	377	8	2	40	00:00.2
_255DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

```
      BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:MCDOWN/OBJ=OBJ$:MCDOWN MSRC$:MCDOWN.BLI/UPDATE=(ENH$:MCDOWN)

: Size:          46 code + 0 data bytes
: Run Time:           00:09.1
: Elapsed Time:       00:12.0
: Lines/CPU Min:      4764
: Lexemes/CPU-Min: 12674
: Memory Used:   55 pages
: Compilation Complete
```

LXCOMNOO
LIS

MCGETLIN
LIS

MCRIGHT
LIS

MCCHANGE
LIS

MACCAL
LIS

NOOPEN
LIS

PRAPPNUM
LIS

MSGTXT
LIS

PRGETTOK
LIS

PRISTOK
LIS

LXPRINT
LIS

MCTOP
LIS

MCDOWN
LIS

MCLEFT
LIS

MCBOTTOM
LIS

PAUDIT
LIS

PRGETCHR
LIS

LXCOM
LIS

MAIN
LIS

MCUP
LIS