```
EEEEEEEEEEEEEEEE   DDDDDDDDDDD     TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDDD     TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE   DDDDDDDDDDD     TTTTTTTTTTTTTTTT
EEE                DDD       DDD          TTT
EEE                DDD       DDD          TTT
EEE                DDD       DDD          TTT
EEE                DDD       DDD          TTT
EEE                DDD       DDD          TTT
EEEEEEEEEEE        DDD       DDD          TTT
EEEEEEEEEEE        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
EEEEEEEEEEEEEEEE   DDDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDDD            TTT
```

FILEID**KEYIMMINP

```
KK      KK  EEEEEEEEEE  YY      YY  IIIIII  MM      MM  MM      MM  IIIIII  NN      NN  PPPPPPP
KK      KK  EEEEEEEEEE  YY      YY  IIIIII  MM      MM  MM      MM  IIIIII  NN      NN  PPPPPPPP
KK    KK    EE          YY    YY      II    MMMM  MMMM  MMMM  MMMM    II    NN      NN  PP      PP
KK  KK      EE          YY    YY      II    MMMM  MMMM  MMMM  MMMM    II    NN      NN  PP      PP
KK KK       EE            YY  YY      II    MM  MM  MM  MM  MM  MM    II    NNNN    NN  PP      PP
KK  KK      EE            YY  YY      II    MM  MM  MM  MM  MM  MM    II    NNNN    NN  PP      PP
KKKKKK      EEEEEEE         YY        II    MM      MM  MM      MM    II    NN  NN  NN  PPPPPPPP
KKKKKK      EEEEEEE         YY        II    MM      MM  MM      MM    II    NN  NN  NN  PPPPPPPP
KK  KK      EE             YY         II    MM      MM  MM      MM    II    NN    NNNN  PP
KK   KK     EE             YY         II    MM      MM  MM      MM    II    NN    NNNN  PP
KK    KK    EE             YY         II    MM      MM  MM      MM    II    NN      NN  PP
KK     KK   EE             YY         II    MM      MM  MM      MM    II    NN      NN  PP
KK      KK  EEEEEEEEEE     YY       IIIIII  MM      MM  MM      MM  IIIIII  NN      NN  PP
KK      KK  EEEEEEEEEE     YY       IIIIII  MM      MM  MM      MM  IIIIII  NN      NN  PP
```

```
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
```

```
    1   0001   0  %TITLE 'EDT$KEYIMMINP - keypad input'
    2   0002   0  MODULE EDT$KEYIMMINP (                      ! keypad input
    3   0003   0                  IDENT = 'V04-000'               ! File: KEYIMMIMP.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.                  *
   11   0011   1  !*  ALL RIGHTS RESERVED.                                                    *
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   14   0014   1  !*  ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE   *
   15   0015   1  !*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER   *
   16   0016   1  !*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY   *
   17   0017   1  !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY   *
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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  !      keypad input
   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: April 7, 1979
   41   0041   1  !
   42   0042   1  !  MODIFIED BY:
   43   0043   1  !
   44   0044   1  !  1-001 - Original.  DJS 24-Feb-1981.  This module was created by
   45   0045   1  !          extracting routine IMMEDIATE INPUT from module KEYTRAN.
   46   0046   1  !  1-002 - Regularize headers.  JBS 10-Mar-1981
   47   0047   1  !  1-003 - Add another parameter to pass to TI_RDCMDLN. STS 21-Oct-1981
   48   0048   1  !  1-004 - Improve the appearance of the listing.  JBS 14-Jun-1983
   49   0049   1  !--
   50   0050   1
```

```
  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$$KPAD_INP;
  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  !
  31    0652   1  ! EXTERNAL REFERENCES:
  82    0653   1  !
  83    0654   1  !     In the routine
```

```
 85    0655  1  %SBTTL 'EDT$$KPAD_INP  - keypad input'
 86    0656  1
 87    0657  1  GLOBAL ROUTINE EDT$$KPAD_INP (                        ! keypad input
 88    0658  1      C,                                               ! Parameter to EDT$$TI_RDCMDLN
 89    0659  1      TERM,                                            ! Parameter to EDT$$TI_RDCMDLN
 90    0660  1      RES_TERM                                         ! parameter from EDT$$TI_RDCMDLN
 91    0661  1      ) =
 92    0662  1
 93    0663  1  !++
 94    0664  1  !  FUNCTIONAL DESCRIPTION:
 95    0665  1  !
 96    0666  1  !       This routine adds a couple of parameters then calls EDT$$TI_RDCMDLN .
 97    0667  1  !
 98    0668  1  !  FORMAL PARAMETERS:
 99    0669  1  !
100    0670  1  !   C                   Parameter to EDT$$TI_RDCMDLN
101    0671  1  !
102    0672  1  !   TERM                Parameter to EDT$$TI_RDCMDLN
103    0673  1  !
104    0674  1  !   RES_TERM            Parameter from EDT$$TI_RDCMDLN
105    0675  1  !
106    0676  1  !  IMPLICIT INPUTS:
107    0677  1  !
108    0678  1  !       EDT$$A_CMD_BUF
109    0679  1  !
110    0680  1  !  IMPLICIT OUTPUTS:
111    0681  1  !
112    0682  1  !       NONE
113    0683  1  !
114    0684  1  !  ROUTINE VALUE:
115    0685  1
116    0686  1  !       Same as EDT$$TI_RDCMDLN
117    0687  1  !
118    0688  1  !  SIDE EFFECTS:
119    0689  1  !
120    0690  1  !       NONE
121    0691  1  !
122    0692  1  !--
123    0693  1
124    0694  2      BEGIN
125    0695  2
126    0696  2      EXTERNAL ROUTINE
127    0697  2          EDT$$TI_RDCMDLN;
128    0698  2
129    0699  2      EXTERNAL
130    0700  2          EDT$$A_CMD_BUF;                              ! Pointer to next char in command buffer
131    0701  2
132    0702  2      RETURN (EDT$$TI_RDCMDLN (.C, .EDT$$A_CMD_BUF, EDT$$A_CMD_BUF, .TERM, .RES_TERM));
133    0703  1      END;                                            ! of routine EDT$$KPAD_INP


                                          .TITLE   EDT$KEYIMMINP EDT$KEYIMMINP - keypad input
                                          .IDENT   \V04-000\

                                          .EXTRN   EDT$$TI_RDCMDLN
                                          .EXTRN   EDT$$A_CMD_BUF
```

EDT$KEYIMMINP   EDT$KEYIMMINP - keypad input   16-Sep-1984 00:44:28   VAX-11 Bliss-32 V4.0-742   Page   4
V04-000   EDT$$KPAD_INP - keypad input   14-Sep-1984 12:23:23   [EDT.SRC]KEYIMMINP.BLI;1   (3)

```
                                                        .PSECT  _EDT$CODE,NOWRT,  SHR,  PIC,2

                                     0004 00000         .ENTRY  EDT$$KPAD_INP, Save R2                            ; 0657
                  52 00000000G  00   9E 00002           MOVAB   EDT$$A_CMD_BUF, R2
                  7E        08  AC   7D 00009           MOVQ    TERM, -(SP)                                       ; 0702
                            52  DD 0000D                PUSHL   R2
                            62  DD 0000F                PUSHL   EDT$$A_CMD_BUF
                  04        AC  DD 00011                PUSHL   C
       00000000G  00            05   FB 00014           CALLS   #5, EDT$$TI_RDCMDLN
                            04 0001B                    RET                                                       ; 0703
```

; Routine Size: 28 bytes,   Routine Base: _EDT$CODE + 0000

; 134   0704 1
; 135   0705 1 !<BLF/PAGE>

EDT$KEYIMMINP   EDT$KEYIMMINP - keypad input   J 9   VAX-11 Bliss-32 V4.0-742   Page 5
V04-000   EDT$$KPAD_INP - keypad input   16-Sep-1984 00:44:28   (4)
                                                       14-Sep-1984 12:23:23   [EDT.SRC]KEYIMMINP.BLI;1

```
; 137        0706 1 END
; 138        0707 1                                    ! of module EDT$KEYIMMINP
; 139        0708 0 ELUDOM
```

```
;                          PSECT SUMMARY
;
;      Name                    Bytes                        Attributes
;
; _EDT$CODE                      28   NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)
```

```
;                   Library Statistics
;
;                                     -------- Symbols --------     Pages      Processing
;       File                          Total   Loaded   Percent     Mapped     Time
;
; _$255$DUA28:[EDT.SRC]EDT.L32;1        377      0        0          40        00:00.2
; _$255$DUA28:[EDT.SRC]PSECTS.L32;1       2      1       50           7        00:00.1
```

```
;                        COMMAND QUALIFIERS
;
;      BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:KEYIMMINP/OBJ=OBJ$:KEYIMMINP MSRC$:KEYIMMINP.BLI/UPDATE=(ENH$:K
;      EYIMMINP)

; Size:          28 code + 0 data bytes
; Run Time:         00:08.9
; Elapsed Time:     00:11.2
; Lines/CPU Min:    4778
; Lexemes/CPU-Min: 12654
; Memory Used:  53 pages
; Compilation Complete
```

KEYPADDEF
LIS

LDIVISION
LIS

KEYDEFKEY
LIS

KEYFMTSTR
LIS

LDEFK
LIS

LFILL
LIS

KEYCHR
LIS

KEYIMMINP
LIS

LDELETE
LIS

KEYCOM
LIS

KEYPUTCHR
LIS

LCLEAR
LIS

LFCOUNT
LIS

KEYPAD
LIS

LDEFM
LIS

LFLNO
LIS

KEYTRNCHR
LIS