```
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
EEE                DDD        DDD            TTT
EEEEEEEEEEEEE      DDD        DDD            TTT
EEEEEEEEEEEEE      DDD        DDD            TTT
EEEEEEEEEEEE       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
```

```
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
KKKKK       EEEEEEE         YY        II    MM      MM  MM      MM    II    NN  NN  NN  PPPPPPPP
KKKKK       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      SSSSSS
LL                II      SSSSSS
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.         *
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    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  ' !
75      0646  i !     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
```

EDT$KEYIMMINP   EDT$KEYIMMINP - keypad input   H 9
V04-000   EDT$$KPAD_INP - keypad input   16-Sep-1984 00:44:28   VAX-11 Bliss-32 V4.0-742   Page 3   EDT
                                                             14-Sep-1984 12:23:23   [EDT.SRC]KEYIMMINP.BLI;1   (3)   V04

```
 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
```

```
                                                        .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$$A_CMD_BUF
                            04   AC  DD 00011            PUSHL   C
              00000C00G  00      05  FB 00014            CALLS   #5, EDT$$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   EDT
V04-000   EDT$SKPAD_INP - keypad input   16-Sep-1984 00:44:28   (4)   V04
                                                        14-Sep-1984 12:23:23   [EDT.SRC]KEYIMMINP.BLI;1

```
;  137        0706  1 END                                   ! of module EDT$KEYIMMINP
;  138        0707  1
;  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