


```

LL      IIIIII  BBBB8888  CCCCCCCC  VV      VV  TTTTTTTTTT  P8888888  TTTTTTTTTT  UU      UU
LL      IIIIII  BBBB8888  CCCCCCCC  VV      VV  TTTTTTTTTT  P8888888  TTTTTTTTTT  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TTT      TT  PP      PP  TT      TT  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LL      II      BBBB8888  CC      CC  VV      VV  TT      TT  P8888888  TT      TT  UU      UU
LL      II      BBBB8888  CC      CC  VV      VV  TT      TT  P8888888  TT      TT  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LL      II      BB      BB  CC      CC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LL      IIIIII  BBBB8888  CCCCCCCC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LL      IIIIII  BBBB8888  CCCCCCCC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LLLLLLLL  IIIIII  BBBB8888  CCCCCCCC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU
LLLLLLLL  IIIIII  BBBB8888  CCCCCCCC  VV      VV  TT      TT  PP      PP  TT      TT  UU      UU

```

```

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      IIIIII  SSSSSSSS
LL      IIIIII  SSSSSSSS

```

LIBRARY OF THE UNIVERSITY OF MICHIGAN

(2)	49	HISTORY	; Detailed Current Edit History
(3)	58	DECLARATIONS	
(4)	88	LIB\$AB_CVTPT_U	

```
0000 1 .TITLE LIBSAB_CVTPT_U Packed to Unsigned Translation Table
0000 2 .IDENT 71-0037 ; File: LIBCVTPTU.MAR
0000 3
0000 4
0000 5 *****
0000 6
0000 7 *
0000 8 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 25 *
0000 26 *****
0000 27
0000 28 FACILITY: LIBRARY SUPPORT
0000 29 ++
0000 30 ABSTRACT:
0000 31 This module contains the translation table for packed to unsigned
0000 32 conversion using the CVTPT instruction.
0000 33
0000 34
0000 35 --
0000 36
0000 37 VERSION: 1
0000 38
0000 39 HISTORY:
0000 40
0000 41 AUTHOR:
0000 42 Marty Jack, 11-Mar-1979
0000 43
0000 44 MODIFIED BY:
0000 45
0000 46
0000 47
```

LIBSAB_CVTPT_U
1-003

Packed to Unsigned Translation Table^{J 3} 15-SEP-1984 23:52:31 VAX/VMS Macro V04-00 Page 2
HISTORY ; Detailed Current Edit History 6-SEP-1984 11:04:57 [LIBRTL.SRC]LIBCVTPTU.MAR;1 (2)

```
0000 49 .SBTTL HISTORY ; Detailed Current Edit History
0000 50
0000 51
0000 52 : Edit History for Version 1 of LIBCVTPTU
0000 53 :
0000 54 : 1-001 - Original. MLJ 11-Mar-1979
0000 55 : 1-002 - Created LIBCVTPTU from rev. 1 of COBCVTPTU. RKR 21-Aug-1979
0000 56 : 1-003 - Cosmetic changes. RKR 21-OCT-79
```

```
0000 58      .SBTTL  DECLARATIONS
0000 59
0000 60  :
0000 61  : INCLUDE FILES:
0000 62  :
0000 63  :
0000 64  :
0000 65  : EXTERNAL SYMBOLS:
0000 66  :     NONE
0000 67  :
0000 68  :
0000 69  :
0000 70  : MACROS:
0000 71  :     NONE
0000 72  :
0000 73  :
0000 74  :
0000 75  : PSECT DECLARATIONS:
0000 76  :     .PSECT  _LIB$CODE          PIC, SHR, LONG, EXE, NOWRT
0000 77  :
0000 78  :
0000 79  : EQUATED SYMBOLS:
0000 80  :     NONE
0000 81  :
0000 82  :
0000 83  :
0000 84  : OWN STORAGE:
0000 85  :     NONE
0000 86  :
```

```
0000 88 .SBTTL LIBSAB_CVTPT_U
0000 89
0000 90 :++
0000 91 : FUNCTIONAL DESCRIPTION:
0000 92 :
0000 93 : This is the packed to unsigned translation table.
0000 94 :
0000 95 :--
0000 96
0000 97 LIBSAB_CVTPT U::
00 00 00 00 00 00 00 00 0000 98 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
30 30 30 30 30 30 00 00 0008 99 .BYTE ^X00,^X00,^X30,^X30,^X30,^X30,^X30,^X30
00 00 00 00 00 00 00 00 0010 100 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
31 31 31 31 31 31 00 00 0018 101 .BYTE ^X00,^X00,^X31,^X31,^X31,^X31,^X31,^X31
00 00 00 00 00 00 00 00 0020 102 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
32 32 32 32 32 32 00 00 0028 103 .BYTE ^X00,^X00,^X32,^X32,^X32,^X32,^X32,^X32
00 00 00 00 00 00 00 00 0030 104 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
33 33 33 33 33 33 00 00 0038 105 .BYTE ^X00,^X00,^X33,^X33,^X33,^X33,^X33,^X33
00 00 00 00 00 00 00 00 0040 106 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
34 34 34 34 34 34 00 00 0048 107 .BYTE ^X00,^X00,^X34,^X34,^X34,^X34,^X34,^X34
00 00 00 00 00 00 00 00 0050 108 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
35 35 35 35 35 35 00 00 0058 109 .BYTE ^X00,^X00,^X35,^X35,^X35,^X35,^X35,^X35
00 00 00 00 00 00 00 00 0060 110 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
36 36 36 36 36 36 00 00 0068 111 .BYTE ^X00,^X00,^X36,^X36,^X36,^X36,^X36,^X36
00 00 00 00 00 00 00 00 0070 112 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
37 37 37 37 37 37 00 00 0078 113 .BYTE ^X00,^X00,^X37,^X37,^X37,^X37,^X37,^X37
00 00 00 00 00 00 00 00 0080 114 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
38 38 38 38 38 38 00 00 0088 115 .BYTE ^X00,^X00,^X38,^X38,^X38,^X38,^X38,^X38
00 00 00 00 00 00 00 00 0090 116 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
39 39 39 39 39 39 00 00 0098 117 .BYTE ^X00,^X00,^X39,^X39,^X39,^X39,^X39,^X39
00 00 00 00 00 00 00 00 00A0 118 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00A8 119 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00B0 120 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00B8 121 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00C0 122 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00C8 123 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00D0 124 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00D8 125 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00E0 126 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00E8 127 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00F0 128 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00 00F8 129 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
0100 130 :
0100 131 .END
```

LIB\$AB_CVTPT_U
Symbol table

Packed to Unsigned Translation Table ^{M 3}

15-SEP-1984 23:52:31
6-SEP-1984 11:04:57

VAX/VMS Macro V04-00
[LIBRTL.SRC]LIBCVTPTU.MAR;1

Page 5
(4)

LIB\$AB_CVTPT_U 00000000 RG 01

! Psect synopsis !

<u>PSECT name</u>	<u>Allocation</u>	<u>PSECT No.</u>	<u>Attributes</u>												
ABS	00000000 (0.)	00 (0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE		
LIB\$CODE	00000100 (256.)	01 (1.)	PIC	USR	CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG		

! Performance indicators !

<u>Phase</u>	<u>Page faults</u>	<u>CPU Time</u>	<u>Elapsed Time</u>
Initialization	30	00:00:00.03	00:00:02.28
Command processing	114	00:00:00.34	00:00:02.90
Pass 1	66	00:00:00.41	00:00:04.34
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	38	00:00:00.17	00:00:01.81
Symbol table output	1	00:00:00.01	00:00:00.01
Psect synopsis output	3	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	254	00:00:00.98	00:00:11.35

The working set limit was 900 pages.
2615 bytes (6 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
131 source lines were read in Pass 1, producing 8 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

! Macro library statistics !

<u>Macro library name</u>	<u>Macros defined</u>
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS\$:LIBCVTPTU/OBJ=OBJ\$:LIBCVTPTU MSRC\$:LIBCVTPTU/UPDATE=(ENH\$:LIBCVTPTU)

