







```

0001          SUBROUTINE CRYPTK (LUN,SIZE,NUMREG,REGISTERS,REG_HERALD,NAME,UNIT)
0002          C
0003          C Version:      'V04-000'
0004          C
0005          C*****
0006          C*
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0023          C*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0024          C*
0025          C*
0026          C*****
0027          C
0028          C
0029          C
0030          C      AUTHOR  BRIAN PORTER          CREATION DATE  18-SEP-1979
0031          C
0032          C
0033          C      Modified by:
0034          C
0035          C      V03-001 SAR0240      Sharon A. Reynolds,      2-Apr-1984
0036          C      Changed references to TOF routine to FRCTOF, function
0037          C      performed by the routine is the same.
0038          C
0039          C      V02-001 SR0001      Sharon Reynolds, 19-Nov-1980
0040          C      Added a flag to allow the BRIEF module to know that it
0041          C      was called from CRYPTK to fix the problem of the device
0042          C      registers being printed twice on the cryptk report.
0043          C
0044          C**
0045          C
0046          C      INCLUDE 'SRC$:SYECOM.FOR /NOLIST'
0174          C
0175          C      BYTE           LUN
0176          C
0177          C      BYTE           NUMREG
0178          C
0179          C      BYTE           SIZE
0180          C
0181          C      INTEGER*2      UNIT
0182          C
0183          C      INTEGER*4      REGISTERS(0:NUMREG-1)
0184          C

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DEC
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PROGRAM SECTIONS

Name	Bytes	Attributes								
0 \$CODE	290	PIC	CON	REL	LCL	SHR	EXE	RD	NOWRT	LONG
2 \$LOCAL	152	PIC	CON	REL	LCL	NOSHR	NOEXE	RD	WRT	LONG
3 SYECOM	44	PIC	OVR	REL	GBL	SHR	NOEXE	RD	WRT	LONG
<b>Total Space Allocated</b>		<b>486</b>								

ENTRY POINTS

Address	Type	Name
0-00000000		CRYPTK

VARIABLES

Address	Type	Name	Address	Type	Name
3-00000012	L*1	CP_11750	3-00000011	L*1	CP_11780
3-00000013	L*1	CP_1172Z	3-00000014	L*4	CRYPTK_FLAG
3-0000000D	I*4	DEV_CHAR	3-0000001E	L*1	END_VALUE
3-0000001D	L*1	EOF_FLAG	2-00000000	I*4	FIELD
3-00000004	L*4	FORMS	3-0000000C	L*1	LINES
3-00000027	I*4	LSTLUN	AP-00000004@	L*1	LUN
3-0000001F	I*4	MAILBOX_CHANNEL	AP-00000018@	CHAR	NAME
AP-0000000C@	L*1	NUMREG	3-0000002B	CHAR	OPTIONS
3-00000008	L*4	PRINTER	3-00000000	I*4	RECCNT
3-00000023	I*4	RECORD_SIZE	AP-00000008@	L*1	SIZE
AP-0000001C@	I*2	UNIT	3-00000019	L*1	VALID_CLASS
3-0000001A	L*1	VALID_CPU	3-0000001B	L*1	VALID_ENTRY
3-0000001C	L*1	VALID_TYPE	3-00000018	L*1	VOLUME_OUTPUT

ARRAYS

Address	Type	Name	Bytes	Dimensions
AP-00000010@	I*4	REGISTERS	**	(0:*)
AP-00000014@	CHAR	REG_HERALD	**	(0:*)

FUNCTIONS AND SUBROUTINES REFERENCED

Type	Name	Type	Name	Type	Name	Type	Name	Type	Name
	BRIEF16		BRIEF16_A		BRIEF32		BRIEF32_A		FRCTOF
								I*4	LIB\$LP_LINES

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PRO  
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 3

ENT

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VAR

PRN

CRYPTK

D 5  
16-Sep-1984 00:19:10  
5-Sep-1984 13:50:43

VAX-11 FORTRAN V3.4-56  
DISK\$VMSMASTER:[ERF.SRC]CRYPTK.FOR;1

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COMMAND QUALIFIERS

FORTRAN /LIS=LISS:CRYPTK/OBJ=OBJ\$:CRYPTK MSRC\$:CRYPTK

/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)

/DEBUG=(NOSYMBOLS,TRACEBACK)

/STANDARD=(NOSYNTAX,NOSOURCE FORM)

/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)

/F77 /NOG\_FLOATING /14 /OPTIMIZE /WARNINGS /NOD\_LINES /NOCROSS\_REFERENCE /NOMACHINE\_CODE /CONTINUATIONS=19

COMPILATION STATISTICS

Run Time: 1.74 seconds

Elapsed Time: 5.52 seconds

Page Faults: 105

Dynamic Memory: 170 pages

DEC

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2  
2

LAB

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COM

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