P855

START: /20E

MPX channel
Level 05
MASK 11
ADDRESS 06

```
                        IDENT   K7MUX                                   ASM 02
*VERSION 7-8-73
*TESTPROGRAM FOR FLA CASSETTE TAPE
*
*
0000    STACK   RES     6
000C    TAPEM   DATA    0
*
000E    START   LDK     A1,0            *CLEAR MASK
0010            WIM     A1
0012            LDKL    A15,STACK+10    *LOAD STACKPOINTER
0014    R
0016            LDKL    A3,INT
0018    F
001A            ST      A3,/4A
001C
001E            LDK     A1,0            *LOCK
0020            CF      A15,CIO
0022    F
0024            RF      *+2
0026            LDK     A1,5            *REWIND
0028            CF      A15,CIO
002A    F
002C            RF      *+2
002E            LDK     A1,3            *END SPACE
0030            CF      A15,CIO
0032    F
0034            RF      *+2
0036            LDK     A1,2            *BACKW SPACE
0038            CF      A15,CIO
003A    F
003C            RF      *+2
003E            LDK     A1,1            *ERASE
0040            CF      A15,CIO
0042    F
0044            RF      *+2
0046            LDKL    A3,TAPEM
0048    R
004A            ST      A3,/9A          *PREPARE WRITE TAPEMARK
004C
004E            LDKL    A5,/0FFF        *LENGTH
0050    0FFF
0052            ST      A3,/98
0054
0056            LDK     A1,5            *WRITE
0058            CF      A15,CIO
005A    F
005C            RF      *+2
*
*WRITE BUFFER
```

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```
00037                          *
00038  005E  8320                    LDKL    A3,BUFW+11
       0060  0000  F
00039  0062  8341                    ST      A3,/9A                  *LAST ADDRESS
       0064  009A
00040  0066  8320                    LDKL    A3,/8FF4                *LENGTH
       0068  8FF4
00041  006A  8341                    ST      A3,/98
       006C  0098
00042  006E  0105                    LDK     A1,5                    *WRITE
00043  0070  F7A1                    CF      A15,CIO
       0072  0000  F
00044  0074  5700                    RF      *+2
00045                          *
00046  0076  010A                    LDK     A1,/A                   *SRCH TAPEM BCKW
00047  0078  F7A1                    CF      A15,CIO
       007A  0000  F
00048  007C  5700                    RF      *+2
00049  007E  0108                    LDK     A1,/B                   *SRCH TAPEM FRWD
00050  0080  F7A1                    CF      A15,CIO
       0082  0000  F
00051  0084  5700                    RF      *+2
00052                          *
00053                          *READ
00054                          *
00055  0086  8320                    LDKL    A3,BUFR+11              *ADDRESS
       0088  0000  F
00056  008A  8341                    ST      A3,/9A
       008C  009A
00057  008E  8320                    LDKL    A3,/CFF4                *LENGTH
       0090  CFF4
00058  0092  8341                    ST      A3,/98
       0094  0098
00059  0096  0107                    LDK     A1,7                    *READ
00060  0098  F7A1                    CF      A15,CIO
       009A  0000  F
00061  009C  5700                    RF      *+2
00062                          *
00063  009E  0100                    LDK     A1,0                    *UNLOCK
00064  00A0  F7A1                    CF      A15,CIO
       00A2  0000  F
00065  00A4  5700                    RF      *+2
00066  00A6  8F22                    ABL     START
       00A8  000E  R
00067                          *
00068                          *
00069                          *
00070  00AA  41C0            CIO     CIO     A1,1,6
00071  00AC  4D86                    TST     A5,6
00072  00AE  8514                    LDR     A5,A5
```

```
00B0  5C06                  RB(4)    *-4
00B2  F03E                  RTN      A15
                  *
                  *INTERRUPT
                  *
00B4  4C00        INT       RIL      A4
00B6  4AC6                  SST      A2,6
00B8  5002                  RF(0)    *+4
00BA  207F                  HLT
00BC  5700                  RF       *+2
00BE  F03E                  RTN      A15
                  *
                  *WRITE BUFFER
                  *
00C0  FFFF        BUFW      DATA     /FFFF,/AAAA,/0000,/5555,/55AA,/55AA
00C2  AAAA
00C4  0000
00C6  5555
00C8  55AA
00CA  55AA
00CC  0000        BUFR      DATA     0000,0000,0000,0000,0000,0000
00CE  0000
00D0  0000
00D2  0000
00D4  0000
00D6  0000
                  *
                            END
```