

🍏 Apple Lisa Computer
Technical Information



Apple Lisa Computer:
SYSTEM.LLD
(Low-Level Drivers)
Disassembly

Lisa Computer:
1983 - 1985

8/29/89 3:06 PM

MacComDisk:Lisa System.LLD.Asm.TEXT

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0000 | ; []          L L D          D I S A S S E M B L Y          []
0000 | ; []
0000 | ; [][][][][][][][][][][][][][][][][][][][][][][][][]
0000 |
0000 |         .PROC      Lisa_LLD
0000 |
0000 | ; *****
0000 | ; * Hardware driver call numbers
0000 | ; *****
0000 |
0000 | 0000 0000          nDriverInit      .EQU      0          ; ???
0000 | 0000 0000 0002          nMouseLocation  .EQU      2          ; ???
0000 | 0000 0000 0004          nMouseUpdates   .EQU      4          ; ???
0000 | 0000 0000 0006          nMouseScaling   .EQU      6          ; ???
0000 | 0000 0000 0008          nMouseThresh    .EQU      8          ; ???
0000 | 0000 0000 000A          nCursorLocation .EQU     10         ; ???
0000 | 0000 0000 000C          nCursorTracking .EQU     12         ; ???
0000 | 0000 0000 000E          nCursorImage    .EQU     14         ; ???
0000 | 0000 0000 0010          nCursorHide     .EQU     16         ; ???
0000 | 0000 0000 0012          nCursorShield   .EQU     18         ; ???
0000 | 0000 0000 0014          nCursorDisplay  .EQU     20         ; ???
0000 | 0000 0000 0016          nFrameCounter   .EQU     22         ; ???
0000 | 0000 0000 0018          nScreenAddr     .EQU     24         ; ???
0000 | 0000 0000 001A          nAltScreenAddr  .EQU     26         ; ???
0000 | 0000 0000 001C          nContrast       .EQU     28         ; ???
0000 | 0000 0000 001E          nSetContrast    .EQU     30         ; ???
0000 | 0000 0000 0020          nRampContrast   .EQU     32         ; ???
0000 | 0000 0000 0022          nFadeDelay      .EQU     34         ; ???
0000 | 0000 0000 0024          nSetFadeDelay   .EQU     36         ; ???
0000 | 0000 0000 0026          nPowerDown      .EQU     38         ; ???
0000 | 0000 0000 0028          nPowerCycle     .EQU     40         ; ???
0000 | 0000 0000 002A          nVolume         .EQU     42         ; ???
0000 | 0000 0000 002C          nSetVolume      .EQU     44         ; ???
0000 | 0000 0000 002E          nNoise          .EQU     46         ; ???
0000 | 0000 0000 0030          nSilence        .EQU     48         ; ???
0000 | 0000 0000 0032          nBeep           .EQU     50         ; ???
0000 | 0000 0000 0034          nKeyIsDown     .EQU     52         ; ???
0000 | 0000 0000 0036          nKeyMap        .EQU     54         ; ???
0000 | 0000 0000 0038          nKeyboard       .EQU     56         ; ???
0000 | 0000 0000 003A          nKeybdEvent    .EQU     58         ; ???
0000 | 0000 0000 003C          nKeybdPeek     .EQU     60         ; ???
0000 | 0000 0000 003E          nRepeatRate    .EQU     62         ; ???
0000 | 0000 0000 0040          nSetRepeatRate .EQU     64         ; ???
0000 | 0000 0000 0042          nKeyPushed     .EQU     66         ; ???
0000 | 0000 0000 0044          nTimer         .EQU     68         ; ???
0000 | 0000 0000 0046          nAlarmAssign   .EQU     70         ; ???
0000 | 0000 0000 0048          nAlarmRtn      .EQU     72         ; ???
0000 | 0000 0000 004A          nAlarmAbsolute .EQU     74         ; ???
0000 | 0000 0000 004C          nAlarmRelative .EQU     76         ; ???
0000 | 0000 0000 004E          nAlarmOff      .EQU     78         ; ???
0000 | 0000 0000 0050          nDateTime      .EQU     80         ; ???
0000 | 0000 0000 0052          nSetDateTime   .EQU     82         ; ???
0000 | 0000 0000 0054          nDateToTime    .EQU     84         ; ???
0000 | 0000 0000 0056          nSys_56_Call   .EQU     86         ; ???
0000 | 0000 0000 0058          nTimeStamp     .EQU     88         ; ???
0000 | 0000 0000 005A          nSetTimeStamp  .EQU     90         ; ???
0000 | 0000 0000 005C          nTimeToDate    .EQU     92         ; ???
0000 | 0000 0000 005E          nSys_5E_Call   .EQU     94         ; ???
0000 | 0000 0000 0060          nSys_60_Call   .EQU     96         ; ???
0000 | 0000 0000 0062          nSys_62_Call   .EQU     98         ; ???
0000 | 0000 0000 0064          nSys_64_Call   .EQU    100         ; ???
0000 | 0000 0000 0066          nSys_66_Call   .EQU    102         ; ???
0000 | 0000 0000 0068          nDiskDriver    .EQU    104         ; ???
0000 | 0000 0000 006A          nTwiggyDriver  .EQU    106         ; ???
0000 | 0000 0000 006C          nDiskSync      .EQU    108         ; ???
0000 | 0000 0000 006E          nCursorObscure .EQU    110         ; ???
0000 | 0000 0000 0070          nCurserInit   .EQU    112         ; ???
0000 | 0000 0000 0072          nNMIKey        .EQU    114         ; ???
0000 | 0000 0000 0074          nSetNMIKey     .EQU    116         ; ???
0000 | 0000 0000 0076          nSys_76_Call   .EQU    118         ; ???
0000 | 0000 0000 0078          nSys_78_Call   .EQU    120         ; ???
0000 | 0000 0000 007A          nSys_7A_Call   .EQU    122         ; ???
0000 | 0000 0000 007C          nSys_7C_Call   .EQU    124         ; ???
0000 | 0000 0000 007E          nSys_7E_Call   .EQU    126         ; ???
0000 | 0000 0000 0080          nSys_80_Call   .EQU    128         ; ???
0000 | 0000 0000 0082          nDimContrast   .EQU    130         ; ???
0000 | 0000 0000 0084          nSetDimContrast .EQU    132         ; ???
0000 | 0000 0000 0086          nBusyImage     .EQU    134         ; ???
0000 | 0000 0000 0088          nBusyDelay     .EQU    136         ; ???
0000 | 0000 0000 008A          nScreenSize    .EQU    138         ; ???
0000 | 0000 0000 008C          nNMISync       .EQU    140         ; ???
0000 | 0000 0000 008E          nScreenKeybd   .EQU    142         ; ???
0000 | 0000 0000 0090          nSetScreenKeybd .EQU    144         ; ???
0000 | 0000 0000 0092          nAltKeyPeek    .EQU    146         ; ???
0000 | 0000 0000 0094          nAltKeyEvent   .EQU    148         ; ???
0000 | 0000 0000 0096          nLegends       .EQU    150         ; ???

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0000| 0000 0098      nSetLegends      .EQU 152 ; ???
0000| 0000 009A      nMicroTimer      .EQU 154 ; ???
0000| 0000 009C      nCursorReInit   .EQU 156 ; ???
0000| 0000 009E      nPoll            .EQU 158 ; ???
0000| 0000 00A0      nToggleKey      .EQU 160 ; ???
0000| 0000 00A2      nSetToggleKey   .EQU 162 ; ???
0000| 0000 00A4      nSys_A4_Call    .EQU 164 ; ???
0000| 0000 00A6      nSys_A6_Call    .EQU 166 ; ???
0000| 0000 00A8      nMouseOdometer  .EQU 168 ; ???
0000| 0000 00AA      nCOPSSync       .EQU 170 ; ???
0000| 0000 00AC      nSys_AC_Call    .EQU 172 ; ???
0000| 0000 00AE      nSys_AE_Call    .EQU 174 ; ???
0000| 0000 00B0      nSys_B0_Call    .EQU 176 ; ???
0000| 0000 00B2      nSys_B2_Call    .EQU 178 ; ???
0000|
0000| ; *****
0000| ; * Constants
0000| ; *****
0000|
0000| ; Screen pixel dimensions
0000| ;
0000| ; Note: These are hard coded into the source in routine iScreenSize
0000|
0000| 0000 02D0      kScrnhSize      .EQU 720 ; horizontal pixel length of screen
0000| 0000 016C      kScrnhVSize     .EQU 364 ; vertical pixel length of screen
0000|
0000| ; *****
0000| ; * Low Memory Variables
0000| ; *****
0000|
0000| 0000 0094      lmTRAP5Vector   .EQU $0094 ; TRAP # 5 vector address
0000| 0000 0110      lmAltScreenAddr .EQU $0110 ; alternate screen bitmap address
0000| 0000 0160      lmScreenAddr    .EQU $0160 ; primary screen bitmap address
0000|
0000| 0000 0174      lm0174          .EQU $0174 ; ???
0000| 0000 0170      lm0170          .EQU $0170 ; ???
0000| 0000 02A4      lm02A4          .EQU $02A4 ; ???
0000|
0000| ; *****
0000| ; * I/O Addresses
0000| ; *****
0000|
0000| ; NOTE: REPLACE THESE I/O ADDRESS NAMES BY MORE MEANINGFUL NAMES
0000|
0000| 00CC 0000      ioCC0000        .EQU $00CC0000 ; ???
0000| 00CC 0002      ioCC0002        .EQU $00CC0002 ; ???
0000| 00CC 0004      ioCC0004        .EQU $00CC0004 ; ???
0000| 00CC 0006      ioCC0006        .EQU $00CC0006 ; ???
0000| 00CC 0008      ioCC0008        .EQU $00CC0008 ; ???
0000| 00CC 0009      ioCC0009        .EQU $00CC0009 ; ???
0000| 00CC 000A      ioCC000A        .EQU $00CC000A ; ???
0000| 00CC 000B      ioCC000B        .EQU $00CC000B ; ???
0000| 00CC 000C      ioCC000C        .EQU $00CC000C ; twiggly disk driver entry address
0000| 00CC 0010      ioCC0010        .EQU $00CC0010 ; disk driver entry address
0000| 00CC 0014      ioCC0014        .EQU $00CC0014 ; busy flag for DiskSync call
0000| 00CC 0015      ioCC0015        .EQU $00CC0015 ; ???
0000| 00CC 0016      ioCC0016        .EQU $00CC0016 ; sync for NMI (NMISync call)
0000| 00CC 001A      ioCC001A        .EQU $00CC001A ; ???
0000| 00CC 001E      ioCC001E        .EQU $00CC001E ; ???
0000| 00CC 0022      ioCC0022        .EQU $00CC0022 ; ???
0000| 00CC 0026      ioCC0026        .EQU $00CC0026 ; ???
0000| 00CC 003C      ioCC003C        .EQU $00CC003C ; ???
0000| 00CC 0090      ioCC0090        .EQU $00CC0090 ; ???
0000| 00CC 00E4      ioCC00E4        .EQU $00CC00E4 ; ???
0000| 00CC 00E5      ioCC00E5        .EQU $00CC00E5 ; ???
0000| 00CC 00E6      ioCC00E6        .EQU $00CC00E6 ; ???
0000| 00CC 00E8      ioCC00E8        .EQU $00CC00E8 ; ???
0000| 00CC 00EC      ioCC00EC        .EQU $00CC00EC ; ???
0000| 00CC 00F0      ioCC00F0        .EQU $00CC00F0 ; ???
0000| 00CC 00F2      ioCC00F2        .EQU $00CC00F2 ; ???
0000| 00CC 00F4      ioCC00F4        .EQU $00CC00F4 ; ???
0000| 00CC 00F5      ioCC00F5        .EQU $00CC00F5 ; ???
0000| 00CC 00F6      ioCC00F6        .EQU $00CC00F6 ; ???
0000| 00CC 00F8      ioCC00F8        .EQU $00CC00F8 ; ???
0000| 00CC 00FA      ioMouseOdometer .EQU $00CC00FA ; ???
0000| 00CC 00FE      ioCC00FE        .EQU $00CC00FE ; ???
0000| 00CC 0100      ioCC0100        .EQU $00CC0100 ; ???
0000| 00CC 0140      ioCC0140        .EQU $00CC0140 ; ???
0000| 00CC 0180      ioCC0180        .EQU $00CC0180 ; ???
0000| 00CC 0182      ioCC0182        .EQU $00CC0182 ; ???
0000| 00CC 0184      ioCC0184        .EQU $00CC0184 ; ???
0000| 00CC 0186      ioCC0186        .EQU $00CC0186 ; ???
0000| 00CC 01C6      ioCC01C6        .EQU $00CC01C6 ; ???
0000| 00CC 0206      ioCC0206        .EQU $00CC0206 ; ???
0000| 00CC 0208      ioCC0208        .EQU $00CC0208 ; ???
0000| 00CC 020A      ioCC020A        .EQU $00CC020A ; ???

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0000| 00CC 020C          ioCC020C          .EQU    $00CC020C ; ???
0000| 00CC 020E          ioCC020E          .EQU    $00CC020E ; ???
0000| 00CC 0210          ioCC0210          .EQU    $00CC0210 ; ???
0000| 00CC 0212          ioCC0212          .EQU    $00CC0212 ; ???
0000| 00CC 0213          ioCC0213          .EQU    $00CC0213 ; ???
0000| 00CC 0214          ioCC0214          .EQU    $00CC0214 ; ???
0000| 00CC 0216          ioCC0216          .EQU    $00CC0216 ; ???
0000| 00CC 0218          ioCC0218          .EQU    $00CC0218 ; ???
0000| 00CC 021A          ioCC021A          .EQU    $00CC021A ; ???
0000| 00CC 029A          ioCC029A          .EQU    $00CC029A ; ???
0000| 00CC 029C          ioCC029C          .EQU    $00CC029C ; ???
0000| 00CC 029E          ioCC029E          .EQU    $00CC029E ; ???
0000| 00CC 02A0          ioCC02A0          .EQU    $00CC02A0 ; ???
0000| 00CC 02A4          ioCC02A4          .EQU    $00CC02A4 ; ???
0000| 00CC 02A8          ioScreenKeybd    .EQU    $00CC02A8 ; ???
0000| 00CC 02AA          ioCC02AA          .EQU    $00CC02AA ; ???
0000| 00CC 02AC          ioCC02AC          .EQU    $00CC02AC ; ???
0000| 00CC 02AE          ioCC02AE          .EQU    $00CC02AE ; ???
0000| 00CC 02B0          ioCC02B0          .EQU    $00CC02B0 ; ???
0000| 00CC 02B2          ioCC02B2          .EQU    $00CC02B2 ; ???
0000| 00CC 02B4          ioCC02B4          .EQU    $00CC02B4 ; ???
0000| 00CC 02B6          ioCC02B6          .EQU    $00CC02B6 ; ???
0000| 00CC 02BA          ioCC02BA          .EQU    $00CC02BA ; ???
0000| 00CC 02BC          ioCC02BC          .EQU    $00CC02BC ; ???
0000| 00CC 02BE          ioCC02BE          .EQU    $00CC02BE ; ???
0000| 00CC 02C0          ioCC02C0          .EQU    $00CC02C0 ; ???
0000| 00CC 02C2          ioCC02C2          .EQU    $00CC02C2 ; ???
0000| 00CC 02C6          ioCC02C6          .EQU    $00CC02C6 ; ???
0000| 00CC 02CA          ioCC02CA          .EQU    $00CC02CA ; ???
0000| 00CC 02CE          ioCC02CE          .EQU    $00CC02CE ; ???
0000| 00CC 02CF          ioKeyBdID        .EQU    $00CC02CF ; ???
0000| 00CC 02D0          ioNMIKeyCode     .EQU    $00CC02D0 ; ???
0000| 00CC 02D1          ioCC02D1          .EQU    $00CC02D1 ; ???
0000| 00CC 02D2          ioCC02D2          .EQU    $00CC02D2 ; ???
0000| 00CC 05D2          ioCC05D2          .EQU    $00CC05D2 ; ???
0000| 00CC 05D6          ioCC05D6          .EQU    $00CC05D6 ; ???
0000| 00CC 05DA          ioCC05DA          .EQU    $00CC05DA ; ???
0000| 00CC 05DE          ioCC05DE          .EQU    $00CC05DE ; ???
0000| 00CC 05E2          ioCC05E2          .EQU    $00CC05E2 ; ???
0000| 00CC 05E4          ioCC05E4          .EQU    $00CC05E4 ; ???
0000| 00CC 05E8          ioCC05E8          .EQU    $00CC05E8 ; ???
0000| 00CC 05EA          ioCC05EA          .EQU    $00CC05EA ; ???
0000| 00CC 05EB          ioCC05EB          .EQU    $00CC05EB ; ???
0000| 00CC 05EC          ioCC05EC          .EQU    $00CC05EC ; ???
0000| 00CC 05ED          ioCC05ED          .EQU    $00CC05ED ; ???
0000| 00CC 05EE          ioCC05EE          .EQU    $00CC05EE ; ???
0000| 00CC 05F0          ioCC05F0          .EQU    $00CC05F0 ; ???
0000| 00CC 05F2          ioCC05F2          .EQU    $00CC05F2 ; ???
0000| 00CC 05F6          ioCC05F6          .EQU    $00CC05F6 ; ???
0000| 00CC 05F7          ioCC05F7          .EQU    $00CC05F7 ; ???
0000| 00CC 0602          ioCC0602          .EQU    $00CC0602 ; ???
0000| 00CC 0603          ioCC0603          .EQU    $00CC0603 ; ???
0000| 00CC 0604          ioCC0604          .EQU    $00CC0604 ; ???
0000| 00CC 0606          ioCC0606          .EQU    $00CC0606 ; ???
0000| 00CC 0608          ioCC0608          .EQU    $00CC0608 ; ???
0000| 00CC 060A          ioCC060A          .EQU    $00CC060A ; ???
0000| 00CC 060E          ioCC060E          .EQU    $00CC060E ; ???
0000| 00CC 060F          ioCC060F          .EQU    $00CC060F ; ???
0000| 00CC 0610          ioCC0610          .EQU    $00CC0610 ; ???
0000| 00CC 0614          ioCC0614          .EQU    $00CC0614 ; ???
0000| 00CC 0618          ioCC0618          .EQU    $00CC0618 ; ???
0000| 00CC 061C          ioCC061C          .EQU    $00CC061C ; ???
0000| 00CC 0620          ioCC0620          .EQU    $00CC0620 ; ???
0000| 00CC 0622          ioCC0622          .EQU    $00CC0622 ; ???
0000| 00CC 0624          ioCC0624          .EQU    $00CC0624 ; ???
0000| 00CC 07A4          ioCC07A4          .EQU    $00CC07A4 ; ???
0000| 00CC 07A6          ioCC07A6          .EQU    $00CC07A6 ; ???
0000| 00CC 07A8          ioCC07A8          .EQU    $00CC07A8 ; ???
0000| 00CC 0868          ioCC0868          .EQU    $00CC0868 ; ???
0000|
0000|          ; I/O space
0000|
0000| 00FC C031          ioFCC031          .EQU    $00FCC031 ; ???
0000| 00FC D01C          ioVideoContLatc .EQU    $00FCD01C ; video contrast latch clock input
0000| 00FC D901          ioVIA2Base        .EQU    $00FCD901 ; base address for VIA 2 (ORB2)
0000| 00FC D921          ioFCD921          .EQU    $00FCD921 ; ???
0000| 00FC D929          ioFCD929          .EQU    $00FCD929 ; ???
0000| 00FC D939          ioFCD939          .EQU    $00FCD939 ; ???
0000| 00FC D969          ioFCD969          .EQU    $00FCD969 ; ???
0000| 00FC D971          ioFCD971          .EQU    $00FCD971 ; ???
0000| 00FC DD81          ioVIA1Base        .EQU    $00FCD81 ; base address for VIA 1 (ORB1)
0000| 00FC DD83          ioFCD83          .EQU    $00FCD83 ; ???
0000| 00FC DD97          ioFCD97          .EQU    $00FCD97 ; ???
0000| 00FC DD9B          ioFCD9B          .EQU    $00FCD9B ; ???
0000| 00FC E010          ioSetSETUP        .EQU    $00FCE010 ; set SETUP register
0000| 00FC E012          ioResetSETUP      .EQU    $00FCE012 ; reset SETUP register
    
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0176| 41FA 0BEE          LEA    L00D6E,A0
017A| 4EBA 2002          JSR    iAlarmAssign
017E| 33C0 00CC 020C    MOVE.W D0,ioCC020C
0184| 41FA 0F50          LEA    iSilence,A0
0188| 4EBA 1FF4          JSR    iAlarmAssign
018C| 33C0 00CC 02BE    MOVE.W D0,ioCC02BE
0192| 41FA 0CA2          LEA    L00E3E,A0
0196| 4EBA 1FE6          JSR    iAlarmAssign
019A| 33C0 00CC 02B2    MOVE.W D0,ioCC02B2
01A0| 41FA 0754          LEA    L008FE,A0
01A4| 23C8 00CC 00EC    MOVE.L A0,ioCC00EC
01AA| 41FA 1C48          LEA    L01DFC,A0
01AE| 23C8 00CC 02C2    MOVE.L A0,ioCC02C2
01B4| 41FA 1E7E          LEA    L0203C,A0
01B8| 23C8 00CC 02C6    MOVE.L A0,ioCC02C6
01BE| 41FA 1EAA          LEA    L02072,A0
01C2| 23C8 00CC 02CA    MOVE.L A0,ioCC02CA
01C8| 13FC 0003 00CC 02B4    MOVE.B #3,ioCC02B4
01D0| 23FC 0004 93E0 00CC    MOVE.L #$000493E0,ioCC02B6
01DA| 33FC 0080 00CC 02BC    MOVE.W #$0080,ioCC02BC
01E2| 41FA 0D74          LEA    iPowerDown,A0
01E6| 4EBA 1F96          JSR    iAlarmAssign
01EA| 33C0 00CC 02BA    MOVE.W D0,ioCC02BA
01F0| 2239 00CC 02B6    MOVE.L ioCC02B6,D1
01F6| 4EBA 201A          JSR    iAlarmRelative
01FA| 23FC 0000 0190 00CC    MOVE.L #$00000190,ioCC0610
0204| 23FC 0000 0064 00CC    MOVE.L #$00000064,ioCC0614
020E| 4200              CLR.B  D0
0210| 4EBA 0BA6          JSR    iSetScreenKeybd
0214| 4200              CLR.B  D0
0216| 207C 00FC D901    MOVE.L #ioVIA2Base,A0
021C| 08A8 0005 0010    BCLR   #5,$0010(A0)
0222| 08E8 0003 0010    BSET   #3,$0010(A0)
0228| 08E8 0002 0010    BSET   #2,$0010(A0)
022E| 0890 0002          BCLR   #2,(A0)
0232| 0890 0003          BCLR   #3,(A0)
0236| 117C 00FF 0018    MOVE.B #255,$18(A0)
023C| 117C 0001 0078    MOVE.B #1,$78(A0)
0242| 0810 0005          BTST   #5,(A0)
0246| 6604              BNE.S  L00254
0248| 103C 0001          MOVE.B #1,D0
024C| 4228 0018          CLR.B  #18(A0)
0250| 08D0 0003          BSET   #3,(A0)
0254| 08E8 0005 0010    BSET   #5,$0010(A0)
025A| 13C0 00CC 0008    MOVE.B D0,ioCC0008
0260| 4239 00CC 0009    CLR.B  ioCC0009
0266| 13FC 00CA 00CC 000A    MOVE.B #SCA,ioCC000A
026E| 13FC 0027 00CC 000B    MOVE.B #$27,ioCC000B
0276| 0839 0007 00FC C031    BTST   #7,ioFCC031
027E| 6722              BEQ.S  L002AA
0280| 0839 0005 00FC C031    BTST   #5,ioFCC031
0288| 6618              BNE.S  L002AA
028A| 13FC 0001 00CC 0009    MOVE.B #$01,ioCC0009
0292| 13FC 007B 00CC 000A    MOVE.B #$7B,ioCC000A
029A| 13FC 0063 00CC 000B    MOVE.B #$63,ioCC000B
02A2| 207C 00FC D901          MOVE.L #ioVIA2Base,A0
02A8| 117C 0048 0058          MOVE.B #$48,$58(A0)
02AE| 4A28 0050          TST.B  $50(A0)
02B2| 1179 00CC 000A 0020    MOVE.B ioCC000A,$20(A0)
02BA| 1179 00CC 000B 0028    MOVE.B ioCC000B,$28(A0)
02C2| 117C 00C0 0070          MOVE.B #SC0,$70(A0)
02C8| 41FA 01D4          LEA    L004A6,A0
02CC| 21C8 0064          MOVE.L A0,$64
02D0| 23C0 00FC E018          MOVE.L D0,ioVideoVerReset
02D6| 207C 00FC DD81          MOVE.L #ioVIA1Base,A0
02DC| 4228 0006          CLR.B  $06(A0)
02E0| 1028 0004          MOVE.B $04(A0),D0
02E4| 0200 00A0          ANDI.B #SA0,D0 ; SA0 = % 1010 0000
02E8| 0000 000E          ORI.B  #S0E,D0 ; S0E = % 0000 1110
02EC| 1140 0004          MOVE.B D0,$0004(A0)
02F0| 117C 00C9 0018          MOVE.B #C9,$18(A0)
02F6| 117C 0001 0016          MOVE.B #01,$16(A0)
02FC| 117C 0082 001C          MOVE.B #82,$1C(A0)
0302| 103C 007C          MOVE.B #7C,D0
0306| 4EBA 0114          JSR    L00424
030A| 43FA 033C          LEA    L00650,A1
030E| 21C9 0068          MOVE.L A1,$0068
0312| 41F8 02B0          LEA    $02B0,A0
0316| 4241              CLR.W  D1
0318| 1030 1000          MOVE.B $00(A0,D1.W),D0
031C| 670C              BEQ.S  L00332
031E| 4EBA 034C          JSR    L00674
0322| 5241              ADDQ.W #1,D1
0324| 0C41 0010          CMPI.W #16,D1
0328| 6DEE              BLT.S  L00320
032A| 4279 00CC 0620          CLR.W  ioCC0620

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03DE|
03DE| 48E7 8080          MOVEM.L  D0/A0, -(A7)
03E2| 40E7              MOVE     SR, -(A7)
03E4| 007C 0700          ORI.W   #$0700, SR          ; $0700 = % 0000 0111 0000 0000
03E8| 0839 0002 00FC F801 BTST    #2, ioFCF801
03F0| 6604              BNE.S   L003FE
03F2| 4EBA 0112          JSR     L0050E
03F6| 1039 00FC D969     L003FE MOVE.B  ioFCD969, D0
03FC| 0800 0006          BTST    #6, D0
0400| 6704              BEQ.S   L0040E
0402| 4EBA 0158          JSR     L00564
0406| 0839 0001 00FC DD9B L0040E BTST    #1, ioFCDD9B
040E| 6704              BEQ.S   L0041C
0410| 4EBA 0252          JSR     L0066C
0414| 46DF              L0041C MOVE   (A7)+, SR
0416| 4CDF 0101          MOVEM.L (A7)+, D0/A0
041A| 4E75              RTS
041C|
041C| 48E7 70C0          L00424 MOVEM.L  D1-D3/A0/A1, -(A7)
0420| 343C 0006          MOVE.W  #$0006, D2
0424| 363C FFFF          MOVE.W  #$FFFF, D3
0428| 207C 00FC DD81     MOVEM.L #ioVIA1Base, A0
042E| 43E8 0006          LEA     $0006(A0), A1
0432| 40E7              MOVE    SR, -(A7)
0434| 007C 0700          ORI.W   #$0700, SR
0438| 6006              BRA.S   L00448
043A|
043A| 46D7              L00442 MOVE   (A7), SR
043C| 46FC 2700          MOVE    #$2700, SR          ; $2700 = % 0010 0111 0000 0000
0440| 1140 001E          L00448 MOVE.B  D0, $1E(A0)
0444| 0510              BTST    D2, (A0)
0446| 67F2              BEQ.S   L00442
0448| 0510              BTST    D2, (A0)
044A| 6740              BEQ.S   L00494
044C| 0510              BTST    D2, (A0)
044E| 673C              BEQ.S   L00494
0450| 0510              BTST    D2, (A0)
0452| 6738              BEQ.S   L00494
0454| 0510              BTST    D2, (A0)
0456| 6734              BEQ.S   L00494
0458| 0510              BTST    D2, (A0)
045A| 6730              BEQ.S   L00494
045C| 0510              BTST    D2, (A0)
045E| 672C              BEQ.S   L00494
0460| 0510              BTST    D2, (A0)
0462| 6728              BEQ.S   L00494
0464| 0510              BTST    D2, (A0)
0466| 6724              BEQ.S   L00494
0468| 0510              BTST    D2, (A0)
046A| 6720              BEQ.S   L00494
046C| 0510              BTST    D2, (A0)
046E| 671C              BEQ.S   L00494
0470| 0510              BTST    D2, (A0)
0472| 6718              BEQ.S   L00494
0474| 0510              BTST    D2, (A0)
0476| 6714              BEQ.S   L00494
0478| 0510              BTST    D2, (A0)
047A| 6710              BEQ.S   L00494
047C| 0510              BTST    D2, (A0)
047E| 670C              BEQ.S   L00494
0480| 0510              BTST    D2, (A0)
0482| 6708              BEQ.S   L00494
0484| 0510              BTST    D2, (A0)
0486| 6704              BEQ.S   L00494
0488| 0510              BTST    D2, (A0)
048A| 66AE              BNE.S   L00442
048C| 1283              L00494 MOVE.B  D3, (A1)
048E| 720A              MOVEQ   #$0A, D1
0490| 5341              L00498 SUBQ.W  #$1, D1
0492| 6EFC              BGT.S   L00498
0494| 4211              CLR.B   (A1)
0496| 46DF              MOVE    (A7)+, SR
0498| 4CDF 030E          MOVEM.L (A7)+, D1-D3/A0/A1
049C| 4E75              RTS
049E|
049E| 48E7 8080          L004A6 MOVEM.L  D0/A0, -(A7)
04A2| 0839 0002 00FC F801 BTST    #2, ioFCF801
04AA| 6604              BNE.S   L004B8
04AC| 4EBA 0058          JSR     L0050E
04B0| 1039 00FC D969     L004B8 MOVE.B  ioFCD969, D0
04B6| 0800 0006          BTST    #6, D0
04BA| 6706              BEQ.S   L004CA
04BC| 4EBA 00C4          JSR     L0058A
04C0| 60EE              BRA.S   L004B8
04C2|
04C2| C039 00FC D971     L004CA AND.B   ioFCD971, D0

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04C8| 0200 0022          ANDI.B   #$22,D0
04CC| 670A              BEQ.S    L004E0
04CE| 2079 00CC 0010    MOVE.L   ioCC0010,A0
04D4| 4E90              JSR      (A0)
04D6| 60D8              BRA.S    L004B8
04D8|
04D8| 0839 0004 00FC DD81 L004E0 BTST     #4,ioVIA1Base
04E0| 670A              BEQ.S    L004F4
04E2| 2079 00CC 000C    MOVE.L   ioCC000C,A0
04E8| 4E90              JSR      (A0)
04EA| 60C4              BRA.S    L004B8
04EC|
04EC| 0839 0002 00FC D971 L004F4 BTST     #2,ioFCD971
04F4| 670A              BEQ.S    L00508
04F6| 514F              SUBQ.W   #$8,A7
04F8| 4EBA 00C6          JSR      L005C8
04FC| 504F              ADDQ.W   #$8,A7
04FE| 60B0              BRA.S    L004B8
0500|
0500| 4CDF 0101          L00508 MOVEM.L (A7)+,D0/A0
0504| 4E73              RTE
0506|
0506| 2F00              L0050E MOVE.L   D0,-(A7)
0508| 52B9 00CC 02A4    ADDQ.L   #51,ioCC02A4
050E| 4A39 00CC 0213    TST.B    ioCC0213
0514| 6632              BNE.S    L00550
0516| 4A39 00CC 0212    TST.B    ioCC0212
051C| 672A              BEQ.S    L00550
051E| 2039 00CC 00F0    MOVE.L   ioCC00F0,D0
0524| B0B9 00CC 020E    CMP.L    ioCC020E,D0
052A| 671C              BEQ.S    L00550
052C| 4A39 00CC 0218    TST.B    ioCC0218
0532| 6604              BNE.S    L00540
0534| 4EBA 0564          JSR      iCursorHide
0538| 23C0 00CC 020E    L00540 MOVE.L   D0,ioCC020E
053E| 4EBA 0600          JSR      iCursorDisplay
0542| 4239 00CC 0218    CLR.B    ioCC0218
0548| 201F              L00550 MOVE.L   (A7)+,D0
054A| 23C0 00FC E018    L00552 MOVE.L   D0,ioVideoVerReset
0550| 0839 0002 00FC F801 BTST     #2,ioPCF801
0558| 67F0              BEQ.S    L00552
055A| 4E75              RTS
055C|
055C| 4A39 00FC D921    L00564 TST.B    ioFCD921
0562| 13F9 00CC 000B 00FC MOVE.B   ioCC000B,ioFCD939
056C| 06B9 0000 4E20 00CC ADDI.L   #$00004E20,ioCC001A
0576| 06B9 0000 0014 00CC ADDI.L   #$00000014,ioCC001E
0580| 4E75              RTS
0582|
0582| 2F00              L0058A MOVE.L   D0,-(A7)
0584| 4A39 00FC D921    TST.B    ioFCD921
058A| 13F9 00CC 000B 00FC MOVE.B   ioCC000B,ioFCD939
0594| 06B9 0000 4E20 00CC ADDI.L   #$00004E20,ioCC001A
059E| 06B9 0000 0014 00CC ADDI.L   #$00000014,ioCC001E
05A8| 2039 00CC 001E    MOVE.L   ioCC001E,D0
05AE| 90B9 00CC 0022    SUB.L    ioCC0022,D0
05B4| 6B00 0006          BMI      L005C4
05B8| 4EBA 0006          JSR      L005C8
05BC| 201F              L005C4 MOVE.L   (A7)+,D0
05BE| 4E75              RTS
05C0|
05C0| 48E7 F840          L005C8 MOVEM.L D0-D4/A1,-(A7)
05C4| 13FC 0004 00FC D971 MOVE.B   #504,ioFCD971
05CC| 41F9 00CC 0026    LEA      ioCC0026,A0
05D2| 43F9 00CC 003C    LEA      ioCC003C,A1
05D8| 303C 0014          MOVE.W   #50014,D0
05DC| 2439 00CC 001E    MOVE.L   ioCC001E,D2
05E2| 2602              MOVE.L   D2,D3
05E4| 0683 7FFF FFFF    ADDI.L   #7FFFFFFF,D3
05EA| 23C3 00CC 0022    MOVE.L   D3,ioCC0022
05F0| 0830 0001 0000    L005F8 BTST     #1,$00(A0,D0.W)
05F6| 6746              BEQ.S    L00646
05F8| 40E7              MOVE     SR,-(A7)
05FA| 007C 0700          ORI.W   #50700,SR
05FE| 3200              MOVE.W   D0,D1
0600| E541              ASL.W   #52,D1
0602| 2631 1000          MOVE.L   $00(A1,D1.W),D3
0606| 9682              SUB.L    D2,D3
0608| 621E              BHI.S   L00630
060A| 08B0 0001 0000    BCLR    #1,$00(A0,D0.W)
0610| 672A              BEQ.S    L00644
0612| 48E7 FFFE          MOVEM.L D0-D7/A0-A6,-(A7)
0616| 41F9 00CC 0090    LEA      ioCC0090,A0
061C| 2070 1000          MOVE.L   $00(A0,D1.W),A0
0620| 4E90              JSR      (A0)
0622| 4CDF 7FFF          MOVEM.L (A7)+,D0-D7/A0-A6
    
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0626| 6014                BRA.S    L00644
0628|
0628| 2839 00CC 0022      L00630  MOVE.L  ioCC0022,D4
062E| 9882                SUB.L   D2,D4
0630| B684                CMP.L   D4,D3
0632| 6C08                BGE.S  L00644
0634| 23F1 1000 00CC 0022  MOVE.L  500(A1,D1.W),ioCC0022
063C| 46DF                L00644  MOVE    (A7)+,SR
063E| 51C8 FF80          L00646  DBF    D0,L005F8
0642| 4CDF 021F          MOVEM.L (A7)+,D0-D4/A1
0646| 4E75                RTS
0648|
0648| 2F00                L00650  MOVE.L  D0,-(A7)
064A| 40E7                MOVE   SR,-(A7)
064C| 46FC 2500          MOVE   #$2500,SR
0650| 0839 0001 00FC DD9B  BTST   #1,ioFCDD9B
0658| 6704                BEQ.S  L00666
065A| 4EBA 0008          JSR    L0066C
065E| 46DF                L00666  MOVE   (A7)+,SR
0660| 201F                MOVE.L (A7)+,D0
0662| 4E73                RTE
0664|
0664| 4240                L0066C  CLR.W  D0
0666| 1039 00FC DD83      MOVE.B ioFCDD83,D0
066C| 4A39 00CC 0015      L00674  TST.B  ioCC0015
0672| 6728                BEQ.S  L006A4
0674| 0C39 0001 00CC 0015  CMPI.B #$01,ioCC0015
067C| 6700 009C          BEQ    L00722
0680| 0C39 0002 00CC 0015  CMPI.B #$02,ioCC0015
0688| 6700 00A0          BEQ    L00732
068C| 0C39 0003 00CC 0015  CMPI.B #$03,ioCC0015
0694| 6700 00D0          BEQ    L0076E
0698| 6000 0114          BRA    L007B6
069C|
069C| 4A00                L006A4  TST.B  D0
069E| 6766                BEQ.S  L0070E
06A0| 0C00 0080          CMPI.B #$80,D0
06A4| 676A                BEQ.S  L00718
06A6| 08F9 0000 00CC 02B4  BSET   #0,ioCC02B4
06AE| 6604                BNE.S  L006BC
06B0| 4EBA 0880          JSR    L00F3A
06B4| 48E7 FF80          L006BC  MOVEM.L D0-D7/A0-A6,-(A7)
06B8| 3200                MOVE.W D0,D1
06BA| 0240 007F          ANDI.W #$007F,D0
06BE| 0241 0080          ANDI.W #$0080,D1
06C2| 1439 00CC 02CE      MOVE.B ioCC02CE,D2
06C8| 0202 003F          ANDI.B #$3F,D2
06CC| 0C02 000F          CMPI.B #$0F,D2
06D0| 6614                BNE.S  L006EE
06D2| 0C40 0068          CMPI.W #$0068,D0
06D6| 6604                BNE.S  L006E4
06D8| 303C 004E          MOVE.W #$004E,D0
06DC| 0C40 007C          L006E4  CMPI.W #$007C,D0
06E0| 6604                BNE.S  L006EE
06E2| 303C 0068          MOVE.W #$0068,D0
06E6| 4A39 00CC 02A8      L006EE  TST.B  ioScreenKeybd
06EC| 670A                BEQ.S  L00700
06EE| 4EBA 1704          JSR    L01DFC
06F2| 4CDF 7FFF          MOVEM.L (A7)+,D0-D7/A0-A6
06F6| 4E75                RTS
06F8|
06F8| 2079 00CC 02C2      L00700  MOVE.L  ioCC02C2,A0
06FE| 4E90                JSR    (A0)
0700| 4CDF 7FFF          MOVEM.L (A7)+,D0-D7/A0-A6
0704| 4E75                RTS
0706|
0706| 13FC 0001 00CC 0015  L0070E  MOVE.B  #$01,ioCC0015
070E| 4E75                RTS
0710|
0710| 13FC 0004 00CC 0015  L00718  MOVE.B  #$04,ioCC0015
0718| 4E75                RTS
071A|
071A| 13C0 00CC 00F4      L00722  MOVE.B  D0,ioCC00F4
0720| 13FC 0002 00CC 0015  MOVE.B  #$02,ioCC0015
0728| 4E75                RTS
072A|
072A| 08F9 0000 00CC 02B4  L00732  BSET   #0,ioCC02B4
0732| 6604                BNE.S  L00740
0734| 4EBA 07FC          JSR    L00F3A
0738| 13C0 00CC 00F5      L00740  MOVE.B  D0,ioCC00F5
073E| 4239 00CC 0015      CLR.B  ioCC0015
0744| 48E7 FF80          MOVEM.L D0-D7/A0-A6,-(A7)
0748| 4240                CLR.W  D0
074A| 1039 00CC 00F4      MOVE.B ioCC00F4,D0
0750| 4241                CLR.W  D1
0752| 1239 00CC 00F5      MOVE.B ioCC00F5,D1
    
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0876| 2039 00CC 00F0          MOVE.L   ioCC00F0,D0
087C| 3200          MOVE.W   D0,D1 ; D1 := mouse Y
087E| 4840          SWAP    D0    ; D0 := mouse X
0880| 4E75          RTS
0882|
0882| ; |-----|
0882| ; | ROUTINE : iMouseUpdates
0882| ; |-----|
0882|
0882| ; PROCEDURE MouseUpdates(delay: MilliSeconds);
0882|
0882| iMouseUpdates: ; L0088A
0882|
0882| 48E7 C000          MOVEM.L  D0/D1, -(A7)
0886| 2239 00CC 0016      MOVE.L   ioCC0016,D1
088C| 5440          ADDQ.W  #52,D0
088E| E440          ASR.W   #52,D0
0890| 6A02          BPL.S   L0089C
0892| 4240          CLR.W   D0
0894| 0C40 0007      L0089C  CMPI.W  #$0007,D0
0898| 6F04          BLE.S   L008A6
089A| 303C 0007      MOVE.W  #$0007,D0
089E| 0040 0078      L008A6  ORI.W   #$0078,D0
08A2| 4EBA FB78      JSR    L00424
08A6| B2B9 00CC 0016      CMP.L   ioCC0016,D1
08AC| 4CDF 0003      MOVEM.L (A7)+,D0/D1
08B0| 66D0          BNE.S   iMouseUpdates
08B2| 52B9 00CC 0016      ADDQ.L  #51,ioCC0016
08B8| 4E75          RTS
08BA|
08BA| ; |-----|
08BA| ; | ROUTINE : iMouseScaling
08BA| ; |-----|
08BA|
08BA| ; PROCEDURE MouseScaling(scale: Boolean);
08BA|
08BA| iMouseScaling: ; L008C2
08BA|
08BA| 13C0 00CC 00F6      MOVE.B  D0,ioCC00F6
08C0| 4E75          RTS
08C2|
08C2| ; |-----|
08C2| ; | ROUTINE : iMouseThresh
08C2| ; |-----|
08C2|
08C2| ; PROCEDURE MouseThresh(threshold: Pixels);
08C2|
08C2| iMouseThresh: ; L008CA
08C2|
08C2| 2F00          MOVE.L  D0, -(A7)
08C4| 4A40          TST.W   D0
08C6| 6C02          BGE.S  L008D2
08C8| 4240          CLR.W   D0
08CA| 0C40 0100      L008D2  CMPI.W  #$0100,D0
08CE| 6F04          BLE.S  L008DC
08D0| 303C 0100      MOVE.W  #$0100,D0
08D4| 33C0 00CC 00F8      L008DC  MOVE.W  D0,ioCC00F8
08DA| 201F          MOVE.L  (A7)+,D0
08DC| 4E75          RTS
08DE|
08DE| ; |-----|
08DE| ; | ROUTINE : iMouseOdometer
08DE| ; |-----|
08DE|
08DE| ; FUNCTION MouseOdometer: ManyPixels;
08DE|
08DE| iMouseOdometer: ; L008E6
08DE|
08DE| 2039 00CC 00FA      MOVE.L  ioMouseOdometer,D0
08E4| 4E75          RTS
08E6|
08E6| ; |-----|
08E6| ; | ROUTINE : iSys_AC_Call
08E6| ; |-----|
08E6|
08E6| iSys_AC_Call: ; L008EE
08E6|
08E6| 2079 00CC 00EC      MOVE.L  ioCC00EC,A0
08EC| 4E75          RTS
08EE|
08EE| ; |-----|
08EE| ; | ROUTINE : iSys_AE_Call
08EE| ; |-----|
08EE|
08EE| iSys_AE_Call: ; L008F6
08EE|

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09C0| 4241          CLR.W    D1
09C2| B243          L009CA  CMP.W    D3,D1
09C4| 6F02          BLE.S    L009D0
09C6| 3203          MOVE.W  D3,D1
09C8| 4A42          L009D0  TST.W    D2
09CA| 6C02          BGE.S    L009D6
09CC| 4241          CLR.W    D1
09CE| 0C42 0020     L009D6  CMPI.W  #$0020,D2
09D2| 6F04          BLE.S    L009E0
09D4| 343C 0020     MOVE.W  #$0020,D2
09D8| 33C0 00CC 0180 L009E0  MOVE.W  D0,ioCC0180
09DE| 33C1 00CC 0182 MOVE.W  D1,ioCC0182
09E4| 33C2 00CC 0184 MOVE.W  D2,ioCC0184
09EA| 45F9 00CC 0100 LEA     ioCC0100,A2
09F0| 47F9 00CC 0140 LEA     ioCC0140,A3
09F6| 6004          BRA.S    L00A04
09F8|
09F8| 34D8          L00A00  MOVE.W  (A0)+,(A2)+
09FA| 36D9          MOVE.W  (A1)+,(A3)+
09FC| 51CA FFFA     L00A04  DBF     D2,L00A00
0A00| 4CDF 0F0F     MOVEM.L (A7)+,D0-D3/A0-A3
0A04| 4EBA 013A     JSR     iCursorDisplay
0A08| 4E75          RTS
0A0A|
0A0A| ; |
0A0A| ; | ROUTINE : iCursorLocation
0A0A| ; |
0A0A| ; |
0A0A| ; |
0A0A| ; PROCEDURE CursorLocation(x: Pixels; y: Pixels);
0A0A|
0A0A| iCursorLocation: ; L00A12
0A0A|
0A0A| 08F9 0000 00CC 02B4 BSET    #0,ioCC02B4
0A12| 6604          BNE.S    L00A20
0A14| 4EBA 051C     JSR     L00F3A
0A18| 4A39 00CC 0212 L00A20  TST.B    ioCC0212
0A1E| 665A          BNE.S    L00A82
0A20| 48E7 C000     MOVEM.L D0/D1,-(A7)
0A24| 4A40          TST.W    D0
0A26| 6C02          BGE.S    L00A32
0A28| 4240          CLR.W    D0
0A2A| 0C40 02CF     L00A32  CMPI.W  #$02CF,D0
0A2E| 6F04          BLE.S    L00A3C
0A30| 303C 02CF     MOVE.W  #$02CF,D0
0A34| 4A41          L00A3C  TST.W    D1
0A36| 6C02          BGE.S    L00A42
0A38| 4241          CLR.W    D1
0A3A| 0C41 016B     L00A42  CMPI.W  #$016B,D1
0A3E| 6F04          BLE.S    L00A4C
0A40| 323C 016B     MOVE.W  #$016B,D1
0A44| B079 00CC 020E L00A4C  CMP.W    ioCC020E,D0
0A4A| 6608          BNE.S    L00A5C
0A4C| B279 00CC 0210 CMP.W    ioCC0210,D1
0A52| 6722          BEQ.S    L00A7E
0A54| 4A39 00CC 0218 L00A5C  TST.B    ioCC0218
0A5A| 6604          BNE.S    L00A68
0A5C| 4EBA 003C     JSR     iCursorHide
0A60| 33C0 00CC 020E L00A68  MOVE.W  D0,ioCC020E
0A66| 33C1 00CC 0210 MOVE.W  D1,ioCC0210
0A6C| 4EBA 00D2     JSR     iCursorDisplay
0A70| 4239 00CC 0218 CLR.B    ioCC0218
0A76| 4CDF 0003     L00A7E  MOVEM.L (A7)+,D0/D1
0A7A| 4E75          L00A82  RTS
0A7C|
0A7C| ; |
0A7C| ; | ROUTINE : iCursorTracking
0A7C| ; |
0A7C| ; |
0A7C| ; |
0A7C| ; PROCEDURE CursorTracking(track: Boolean);
0A7C|
0A7C| iCursorTracking: ; L00A84
0A7C|
0A7C| 4A00          TST.B    D0
0A7E| 6712          BEQ.S    L00A9A
0A80| 4A39 00CC 0212 TST.B    ioCC0212
0A86| 660A          BNE.S    L00A9A
0A88| 23F9 00CC 020E 00CC MOVE.L  ioCC020E,ioCC00F0
0A92| 13C0 00CC 0212 L00A9A  MOVE.B  D0,ioCC0212
0A98| 4E75          RTS
0A9A|
0A9A| ; |
0A9A| ; | ROUTINE : iCursorHide
0A9A| ; |
0A9A| ; |
0A9A| ; |
0A9A| ; PROCEDURE CursorHide;
0A9A|

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0BC6| 4442          NEG.W    D2
0BC8| 0642 0010     ADDI.W  #$0010,D2
0BCC| 263C 0000 FFFF MOVE.L  #$0000FFFF,D3
0BD2| E5AB          LSL.L   D2,D3
0BD4| 0240 FFFF     ANDI.W  #$FFFF,D0
0BD8| 6C0A          BGE.S   L00BEC
0BDA| 4240          CLR.W   D0
0BDC| E18B          LSL.L   #$8,D3
0BDE| E18B          LSL.L   #$8,D3
0BE0| 0642 0010     ADDI.W  #$0010,D2
0BE4| 0C40 02B0     L00BEC  CMPI.W  #$02B0,D0
0BE8| 6F14          BLE.S   L00C06
0BEA| 0C40 02D0     CMPI.W  #$02D0,D0
0BEE| 66C2          BNE.S   L00BFA
0BF0| 7600          MOVEQ   #$00,D3
0BF2| 303C 02B0     L00BFA  MOVE.W  #$02B0,D0
0BF6| E08B          LSR.L   #$8,D3
0BF8| E08B          LSR.L   #$8,D3
0BFA| 0642 0010     ADDI.W  #$0010,D2
0BFE| 9279 00CC 0210 L00C06  SUB.W   ioCC0210,D1
0C04| 4441          NEG.W   D1
0C06| 6C0C          BGE.S   L00C1C
0C08| D841          ADD.W   D1,D4
0C0A| D241          ADD.W   D1,D1
0C0C| 94C1          SUBA.W  D1,A2
0C0E| 96C1          SUBA.W  D1,A3
0C10| 4241          CLR.W   D1
0C12| 6010          BRA.S   L00C2C
0C14|              ;
0C14| 3A3C 016C     L00C1C  MOVE.W  #$016C,D5
0C18| 9A44          SUB.W   D4,D5
0C1A| B245          CMP.W   D5,D1
0C1C| 6F0C          BLE.S   L00C32
0C1E| 383C 016C     MOVE.W  #$016C,D4
0C22| 9841          SUB.W   D1,D4
0C24| 4A44          L00C2C  TST.W   D4
0C26| 6C02          BGE.S   L00C32
0C28| 4244          CLR.W   D4
0C2A| 33C0 00CC 029A L00C32  MOVE.W  D0,ioCC029A
0C30| 33C1 00CC 029C MOVE.W  D1,ioCC029C
0C36| 33C4 00CC 029E MOVE.W  D4,ioCC029E
0C3C| E648          LSR.W   #$3,D0
0C3E| D2C0          ADDA.W  D0,A1
0C40| 7A5A          MOVEQ   #$5A,D5
0C42| C2C5          MULU    D5,D1
0C44| D3C1          ADDA.L  D1,A1
0C46| 23C9 00CC 02A0 MOVE.L  A1,ioCC02A0
0C4C| 6016          BRA.S   L00C6C
0C4E|              ;
0C4E| 301A          L00C56  MOVE.W  (A2)+,D0
0C50| E5B8          ROL.L   D2,D0
0C52| C083          AND.L   D3,D0
0C54| 321B          MOVE.W  (A3)+,D1
0C56| E5B9          ROL.L   D2,D1
0C58| C283          AND.L   D3,D1
0C5A| 4681          NOT.L   D1
0C5C| 20D1          MOVE.L  (A1),(A0)+
0C5E| C391          AND.L   D1,(A1)
0C60| B191          EOR.L   D0,(A1)
0C62| D2C5          ADDA.W  D5,A1
0C64| 51CC FFE8     L00C6C  DBF     D4,L00C56
0C68| 13FC 0001 00CC 0214 MOVE.B  #$01,ioCC0214
0C70| 4CDF 0F3F     MOVEM.L (A7)+,D0-D5/A0-A3
0C74| 4239 00CC 0213 L00C7C  CLR.B   ioCC0213
0C7A| 4E75          RTS
0C7C|              ;
0C7C|              ; | ROUTINE : iCursorObscure
0C7C|              ;
0C7C|              ;
0C7C|              ; PROCEDURE CursorObscure;
0C7C|              ;
0C7C|              iCursorObscure: ; L00C84
0C7C|              ;
0C7C| 13FC 0001 00CC 0213 MOVE.B  #1,ioCC0213
0C84| 08F9 0000 00CC 0218 BSET    #0,ioCC0218
0C8C| 6604          BNE.S   L00C9A
0C8E| 4EBA FE0A     JSR     iCursorHide
0C92| 4239 00CC 0213 L00C9A  CLR.B   ioCC0213
0C98| 4E75          RTS
0C9A|              ;
0C9A|              ; | ROUTINE : iCursorInit
0C9A|              ;
0C9A|              ;
0C9A|              ; PROCEDURE CursorInit;

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0D50| 4EBA FDEE                JSR      iCursorDisplay
0D54| 2200                L00D5C  MOVE.L  D0,D1
0D56| 3039 00CC 020C        MOVE.W  ioCC020C,D0
0D5C| 4EBA 14B4                JSR      iAlarmRelative
0D60| 4CDF 0003                L00D68  MOVEM.L (A7)+,D0/D1
0D64| 4E75                RTS
0D66|
0D66| 027C F9FF                L00D6E  ANDI.W  #$F9FF,SR
0D6A| 4A39 00CC 0213        L00D72  TST.B   ioCC0213
0D70| 670E                BEQ.S   L00D88
0D72| 3039 00CC 020C        MOVE.W  ioCC020C,D0
0D78| 7232                MOVEQ   #$32,D1
0D7A| 4EBA 1496                JSR      iAlarmRelative
0D7E| 4E75                RTS
0D80|
0D80| 4EBA FD18                L00D88  JSR      iCursorHide
0D84| 13FC 0001 00CC 00FE    MOVE.B  #$01,ioCC00FE
0D8C| 4EBA FDB2                JSR      iCursorDisplay
0D90| 4E75                RTS
0D92|
0D92| ; |
0D92| ; | ROUTINE : iFrameCounter
0D92| ; |
0D92| ; |
0D92| ; FUNCTION FrameCounter: Frames;
0D92|
0D92| iFrameCounter: ; L00D9A
0D92|
0D92| 2039 00CC 02A4        MOVE.L  ioCC02A4,D0
0D98| 4E75                RTS
0D9A|
0D9A| ; |
0D9A| ; | ROUTINE : iScreenSize
0D9A| ; |
0D9A| ; PROCEDURE ScreenSize(VAR x: Pixels; VAR y: Pixels);
0D9A|
0D9A| iScreenSize: ; L00DA2
0D9A|
0D9A| ; Note: The screen's pixel dimensions are hard-coded into SYSTEM.LLD when
0D9A| ; I think they should have been stored in either the video ROM or in
0D9A| ; the low-memory globals. -- DTC
0D9A|
0D9A| 303C 02D0        MOVE.W  #kScrnHSize,D0 ; 720 h
0D9E| 323C 016C        MOVE.W  #kScrnVSize,D1 ; 364 v
0DA2| 4E75                RTS
0DA4|
0DA4| ; |
0DA4| ; | ROUTINE : iScreenAddr
0DA4| ; |
0DA4| ; FUNCTION ScreenAddr: LogicalAddress;
0DA4|
0DA4| iScreenAddr: ; L00DAC
0DA4|
0DA4| 2078 0160        MOVE.L  lmScreenAddr,A0
0DA8| 4E75                RTS
0DAA|
0DAA| ; |
0DAA| ; | ROUTINE : iAltScreenAddr
0DAA| ; |
0DAA| ; FUNCTION AltScreenAddr: LogicalAddress;
0DAA|
0DAA| iAltScreenAddr: ; L00DB2
0DAA|
0DAA| 2078 0110        MOVE.L  lmAltScreenAddr,A0
0DAE| 4E75                RTS
0DB0|
0DB0| ; |
0DB0| ; | ROUTINE : iScreenKeybd
0DB0| ; |
0DB0| ; FUNCTION ScreenKeybd: VisibleScreen;
0DB0|
0DB0| iScreenKeybd: ; L00DB8
0DB0|
0DB0| 1039 00CC 02A8        MOVE.B  ioScreenKeybd,D0
0DB6| 4E75                RTS
0DB8|
0DB8| ; |
0DB8| ; | ROUTINE : iSetScreenKeybd
0DB8| ; |
0DB8| ; PROCEDURE SetScreenKeybd(screen: VisibleScreen);
0DB8|

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0DB8|          iSetScreenKeybd: ; L00DC0
0DB8|
0DB8| 2F01          MOVE.L   D1,-(A7)
0DBA| 2238 0174    MOVE.L   lm0174,D1
0DBE| 13C0 00CC 02A8 MOVE.B   D0,ioScreenKeybd
0DC4| 6704          BEQ.S   L00DD2
0DC6| 2238 0170    MOVE.L   lm0170,D1
0DCA| D2B8 02A4    L00DD2 ADD.L   lm02A4,D1
0DCE| E089          LSR.L   #$8,D1
0DD0| EE89          LSR.L   #$7,D1
0DD2| 13C1 00FC E800 MOVE.B   D1,ioVideoAddress
0DD8| 221F          MOVE.L   (A7)+,D1
0DDA| 4E75          RTS
0DDC|
0DDC|          ; |-----|
0DDC|          ; | ROUTINE : iContrast |
0DDC|          ; |-----|
0DDC|
0DDC|          ; FUNCTION Contrast: ScreenContrast;
0DDC|
0DDC|          iContrast: ; L00DE4
0DDC|
0DDC| 3039 00CC 02BC MOVE.W   ioCC02BC,D0
0DE2| 4E75          RTS
0DE4|
0DE4|          ; |-----|
0DE4|          ; | ROUTINE : iSetContrast |
0DE4|          ; |-----|
0DE4|
0DE4|          ; PROCEDURE SetContrast(contrast: ScreenContrast);
0DE4|
0DE4|          iSetContrast: ; L00DEC
0DE4|
0DE4| 48E7 C000    MOVEM.L D0/D1,-(A7)
0DE8| 0240 00FC    ANDI.W  #$00FC,D0
0DEC| 33C0 00CC 02BC MOVE.W   D0,ioCC02BC
0DF2| 3239 00CC 02AA MOVE.W   ioCC02AA,D1
0DF8| 9240          SUB.W   D0,D1
0DFA| 6C24          BGE.S  L00E28
0DFC| 4441          NEG.W   D1
0DFE| 6020          BRA.S  L00E28
0E00|
0E00| 48E7 C000    L00E08 MOVEM.L D0/D1,-(A7)
0E04| 0240 00FC    ANDI.W  #$00FC,D0
0E08| 323C 0004    MOVE.W  #$0004,D1
0E0C| 6012          BRA.S  L00E28
0E0E|
0E0E|          ; |-----|
0E0E|          ; | ROUTINE : iRampContrast |
0E0E|          ; |-----|
0E0E|
0E0E|          ; PROCEDURE RampContrast(contrast: ScreenContrast);
0E0E|
0E0E|          iRampContrast: ; L00E16
0E0E|
0E0E| 48E7 C000    MOVEM.L D0/D1,-(A7)
0E12| 0240 00FC    ANDI.W  #$00FC,D0
0E16| 33C0 00CC 02BC MOVE.W   D0,ioCC02BC
0E1C| 323C 0004    MOVE.W  #$0004,D1
0E20| 33C0 00CC 02AE L00E28 MOVE.W   D0,ioCC02AE
0E26| 33C1 00CC 02B0 MOVE.W   D1,ioCC02B0
0E2C| 4EBA 00C0    JSR    L00E42
0E30| 4CDF 0003    MOVEM.L (A7)+,D0/D1
0E34| 4E75          RTS
0E36|
0E36| 027C F9FF    L00E3E ANDI.W  #$F9FF,SR
0E3A| 48E7 C080    L00E42 MOVEM.L D0/D1/A0,-(A7)
0E3E| 4A39 00CC 0014 TST.B   ioCC0014
0E44| 6600 00A0    BNE    L00EEE
0E48| 3039 00CC 02AA MOVE.W   ioCC02AA,D0
0E4E| 3239 00CC 02AE MOVE.W   ioCC02AE,D1
0E54| B240          CMP.W   D0,D1
0E56| 6700 009A    BEQ    L00EFA
0E5A| 6D0E          BLT.S  L00E72
0E5C| D079 00CC 02B0 ADD.W   ioCC02B0,D0
0E62| B041          CMP.W   D1,D0
0E64| 6F10          BLE.S  L00E7E
0E66| 3001          MOVE.W  D1,D0
0E68| 600C          BRA.S  L00E7E
0E6A|
0E6A| 9079 00CC 02B0 L00E72 SUB.W   ioCC02B0,D0
0E70| B041          CMP.W   D1,D0
0E72| 6C02          BGE.S  L00E7E
0E74| 3001          MOVE.W  D1,D0
0E76| 33C0 00CC 02AA L00E7E MOVE.W   D0,ioCC02AA
0E7C| 4A39 00CC 0008 TST.B   ioCC0008

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```

1040| ; |
1040| ; |
1040| ; FUNCTION Volume: SpeakerVolume;
1040| ; |
1040| iVolume: ; L01048
1040| ; |
1040| 1039 00FC DD81          MOVE.B   ioVIA1Base,D0
1046| E248                   LSR.W   #$1,D0
1048| 0240 0007              ANDI.W  #$0007,D0
104C| 4E75                   RTS
104E| ; |
104E| ; | ROUTINE : iSetVolume
104E| ; |
104E| ; |
104E| ; PROCEDURE SetVolume(volume: SpeakerVolume);
104E| ; |
104E| iSetVolume: ; L01056
104E| ; |
104E| 48E7 C000              MOVEM.L D0/D1,-(A7)
1052| 0240 0007              ANDI.W  #$0007,D0
1056| E348                   LSL.W   #$1,D0
1058| 1239 00FC DD81          MOVE.B   ioVIA1Base,D1
105E| 0201 00F1              ANDI.B  #$F1,D1
1062| 8200                   OR.B    D0,D1
1064| 13C1 00FC DD81          MOVE.B  D1,ioVIA1Base
106A| 4CDF 0003              MOVEM.L (A7)+,D0/D1
106E| 4E75                   RTS
1070| ; |
1070| ; | ROUTINE : iNoise
1070| ; |
1070| ; |
1070| ; PROCEDURE Noise(waveLength: MicroSeconds);
1070| ; |
1070| iNoise: ; L01078
1070| ; |
1070| 48E7 C080              MOVEM.L D0/D1/A0,-(A7)
1074| 4A39 00CC 0009         TST.B   ioCC0009
107A| 6706                   BEQ.S   L0108A
107C| 3200                   MOVE.W  D0,D1
107E| E449                   LSR.W  #$2,D1
1080| D041                   ADD.W   D1,D0
1082| 0240 1FFF              L0108A ANDI.W  #$1FFF,D0
1086| 123C 0055              MOVE.B  #$55,D1
108A| E648                   LSR.W  #$3,D0
108C| 0C40 00FF              CMPI.W  #$00FF,D0
1090| 6F12                   BLE.S   L010AC
1092| 123C 0033              MOVE.B  #$33,D1
1096| E248                   LSR.W  #$1,D0
1098| 0C40 00FF              CMPI.W  #$00FF,D0
109C| 6F06                   BLE.S   L010AC
109E| 123C 000F              MOVE.B  #$0F,D1
10A2| E248                   LSR.W  #$1,D0
10A4| 207C 00FC DD81          L010AC MOVE.L  ioVIA1Base,A0
10AA| 1140 0010              MOVE.B  D0,$0010(A0)
10AE| B239 00CC 02C0         CMP.B   ioCC02C0,D1
10B4| 671A                   BEQ.S   L010D8
10B6| 13C1 00CC 02C0         MOVE.B  D1,ioCC02C0
10BC| 1028 0016              MOVE.B  $0016(A0),D0
10C0| 0200 00E3              ANDI.B  #$E3,D0
10C4| 0000 0010              ORI.B   #$10,D0
10C8| 1140 0016              MOVE.B  D0,$0016(A0)
10CC| 1141 0014              MOVE.B  D1,$0014(A0)
10D0| 4CDF 0103              L010D8 MOVEM.L (A7)+,D0/D1/A0
10D4| 4E75                   RTS
10D6| ; |
10D6| ; | ROUTINE : iSilence
10D6| ; |
10D6| ; |
10D6| ; PROCEDURE Silence;
10D6| ; |
10D6| iSilence: ; L010DE
10D6| ; |
10D6| 4239 00CC 02C0         CLR.B   ioCC02C0
10DC| 0239 00E3 00FC DD97   ANDI.B  #$E3,ioFCDD97
10E4| 4E75                   RTS
10E6| ; |
10E6| ; | ROUTINE : iBeep
10E6| ; |
10E6| ; |
10E6| ; PROCEDURE Beep(waveLength: MicroSeconds; duration: MilliSeconds);
10E6| ; |
10E6| iBeep: ; L010EE

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11F2| 2010 1B2D 2B2A 3738          .WORD $2010,$1B2D,$2B2A,$3738,$392F,$3435
11FA| 392F 3435
11FE| 362C 2E32 3303 0140          .WORD $362C,$2E32,$3303,$0140,$402D,$3D5C
1206| 402D 3D5C
120A| 0070 0803 000D 3000          .WORD $0070,$0803,$000D,$3000,$002F,$3100
1212| 002F 3100
1216| 0039 3075 696A 6B5B          .WORD $0039,$3075,$696A,$6B5B,$5D6D,$6C3B
121E| 5D6D 6C3B
1222| 2720 2C2E 6F65 3637          .WORD $2720,$2C2E,$6F65,$3637,$3835,$7274
122A| 3835 7274
122E| 7960 6667 6876 6362          .WORD $7960,$6667,$6876,$6362,$6E61,$3233
1236| 6E61 3233
123A| 3431 7173 7709 7A78          .WORD $3431,$7173,$7709,$7A78,$6400,$0000
1242| 6400 0000
1246| 0002 4040 2D3D 5C00          .WORD $0002,$4040,$2D3D,$5C00,$5008,$0300
124E| 5008 0300
1252| 0D30 0000 2F31 0000          .WORD $0D30,$0000,$2F31,$0000,$3930,$5549
125A| 3930 5549
125E| 4A4B 5B5D 4D4C 3B27          .WORD $4A4B,$5B5D,$4D4C,$3B27,$202C,$2E4F
1266| 202C 2E4F
126A| 4536 3738 3552 5459          .WORD $4536,$3738,$3552,$5459,$6046,$4748
1272| 6046 4748
1276| 5643 424E 4132 3334          .WORD $5643,$424E,$4132,$3334,$3151,$5357
127E| 3151 5357
1282| 095A 5844 0000 0000          .WORD $095A,$5844,$0000,$0000,$0440,$405F
128A| 0440 405F
128E| 2B7C 0050 0803 000D          .WORD $2B7C,$0050,$0803,$000D,$3000,$003F
1296| 3000 003F
129A| 3100 0028 2955 494A          .WORD $3100,$0028,$2955,$494A,$4B7B,$7D4D
12A2| 4B7B 7D4D
12A6| 4C3A 2220 3C3E 4F45          .WORD $4C3A,$2220,$3C3E,$4F45,$5E26,$2A25
12AE| 5E26 2A25
12B2| 5254 597E 4647 4856          .WORD $5254,$597E,$4647,$4856,$4342,$4E41
12BA| 4342 4E41
12BE| 4023 2421 5153 5709          .WORD $4023,$2421,$5153,$5709,$5A58,$4400
12C6| 5A58 4400
12CA| 0000 0008 4040 D0AD          .WORD $0000,$0008,$4040,$D0AD,$C700,$B908
12D2| C700 B908
12D6| 0300 0D30 0000 D631          .WORD $0300,$0D30,$0000,$D631,$0000,$BBBC
12DE| 0000 BBBC
12E2| 1410 C600 D2D4 B5C2          .WORD $1410,$C600,$D2D4,$B5C2,$C9BE,$CAB2
12EA| C9BE CAB2
12EE| B3BF 13A4 A6A5 B0A8          .WORD $B3BF,$13A4,$A6A5,$B0A8,$A0B4,$11C4
12F6| A0B4 11C4
12FA| A900 C38D BA12 8CAA          .WORD $A900,$C38D,$BA12,$8CAA,$A3A2,$C1CF
1302| A3A2 C1CF
1306| A7B7 09BD C5B6 0000          .WORD $A7B7,$09BD,$C5B6,$0000,$0000,$1040
130E| 0000 1040
1312| 40D0 ADC7 00B9 0803          .WORD $40D0,$ADC7,$00B9,$0803,$000D,$3000
131A| 000D 3000
131E| 00D6 3100 00BB BC14          .WORD $00D6,$3100,$00BB,$BC14,$10C6,$00D2
1326| 10C6 00D2
132A| D4B5 C2C9 AECA B2B3          .WORD $D4B5,$C2C9,$AECA,$B2B3,$AF13,$A4A6
1332| AF13 A4A6
1336| A5B0 A8A0 B411 C4A9          .WORD $A5B0,$A8A0,$B411,$C4A9,$00C3,$82BA
133E| 00C3 82BA
1342| 1281 AAA3 A2C1 CEA7          .WORD $1281,$AAA3,$A2C1,$CEA7,$B709,$BDC5
134A| B709 BDC5
134E| B600 0000 0020 4040          .WORD $B600,$0000,$0020,$4040,$D1B1,$C800
1356| D1B1 C800
135A| B808 0300 0D30 0000          .WORD $B808,$0300,$0D30,$0000,$C031,$0000
1362| C031 0000
1366| BBBC 1410 C600 D3D5          .WORD $BBBC,$1410,$C600,$D3D5,$B5C2,$C9AE
136E| B5C2 C9AE
1372| CAB2 B3AF 13A4 A6A1          .WORD $CAB2,$B3AF,$13A4,$A6A1,$B0A8,$A0B4
137A| B0A8 A0B4
137E| 11C4 A900 D782 BA12          .WORD $11C4,$A900,$D782,$BA12,$81AA,$A3A2
1386| 81AA A3A2
138A| C1CE A7B7 09BD C5B6          .WORD $C1CE,$A7B7,$09BD,$C5B6,$0000,$0000
1392| 0000 0000
1396| 8040 3853 017C 3855          .WORD $8040,$3853,$017C,$3855,$015C,$8040
139E| 015C 8040
13A2| 0341 033D 5D3C 0441          .WORD $0341,$033D,$5D3C,$0441,$032B,$7D3E
13AA| 032B 7D3E
13AE| 034C 0127 044C 0122          .WORD $034C,$0127,$044C,$0122,$0356,$0213
13B6| 0356 0213
13BA| 5B04 5602 BC7B 015A          .WORD $5B04,$5602,$BC7B,$015A,$0196,$065A
13C2| 0196 065A
13C6| 0184 035B 013B 045B          .WORD $0184,$035B,$013B,$045B,$013A,$045D
13CE| 013A 045D
13D2| 023F 2104 6101 2F01          .WORD $023F,$2104,$6101,$2F01,$6801,$8D06
13DA| 6801 8D06
13DE| 6801 8204 7101 C004          .WORD $6801,$8204,$7101,$C004,$7401,$C138
13E6| 7401 C138
13EA| 4103 B1A6 B220 4301          .WORD $4103,$B1A6,$B220,$4301,$B338,$4C01
13F2| B338 4C01
    
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13F6| 0038 5002 00AD 3856          .WORD $0038,$5002,$00AD,$3856,$02BB,$0038
13FE| 02BB 0038
1402| 5A02 1211 385D 02A5          .WORD $5A02,$1211,$385D,$02A5,$C920,$5E01
140A| C920 5E01
140E| D608 6001 BE30 6001          .WORD $D608,$6001,$BE30,$6001,$AE38,$6202
1416| AE38 6202
141A| 7CA1 2062 015C 1868          .WORD $7CA1,$2062,$015C,$1868,$01C7,$2068
1422| 01C7 2068
1426| 01C8 386A 0240 AA38          .WORD $01C8,$386A,$0240,$AA38,$6D01,$A938
142E| 6D01 A938
1432| 6F01 0018 7101 D220          .WORD $6F01,$0018,$7101,$D220,$7101,$D318
143A| 7101 D318
143E| 7401 D420 7401 D580          .WORD $7401,$D420,$7401,$D580,$4003,$4202
1446| 4003 4202
144A| 115C 0442 0212 7C04          .WORD $115C,$0442,$0212,$7C04,$6101,$1004
1452| 6101 1004
1456| 6801 2303 6801 A404          .WORD $6801,$2303,$6801,$A404,$7201,$A318
145E| 7201 A318
1462| 4202 D4C7 2042 02D5          .WORD $4202,$D4C7,$2042,$02D5,$C838,$5301
146A| C838 5301
146E| 0008 5601 CF30 5601          .WORD $0008,$5601,$CF30,$5601,$CE18,$5701
1476| CE18 5701
147A| D220 5701 D338 6101          .WORD $D220,$5701,$D338,$6101,$0020,$6301
1482| 0020 6301
1486| A538 6801 A138 6B01          .WORD $A538,$6801,$A138,$6B01,$0038,$6F01
148E| 0038 6F01
1492| 0038 7201 0038 7501          .WORD $0038,$7201,$0038,$7501,$0080,$4203
149A| 0080 4203
149E| 4201 1004 4201 1403          .WORD $4201,$1004,$4201,$1403,$5B01,$1304
14A6| 5B01 1304
14AA| 5B01 1104 6101 C403          .WORD $5B01,$1104,$6101,$C403,$6801,$2704
14B2| 6801 2704
14B6| 6801 2204 7201 2338          .WORD $6801,$2204,$7201,$2338,$4201,$0038
14BE| 4201 0038
14C2| 5201 0018 5602 D2D4          .WORD $5201,$0018,$5602,$D2D4,$2056,$02D3
14CA| 2056 02D3
14CE| D538 5B01 0008 6001          .WORD $D538,$5B01,$0008,$6001,$BE30,$6001
14D6| BE30 6001
14DA| AE38 6101 A438 6901          .WORD $AE38,$6101,$A438,$6901,$0038,$6F01
14E2| 0038 6F01
14E6| 1238 7201 A308 7501          .WORD $1238,$7201,$A308,$7501,$CF30,$7501
14EE| CF30 7501
14F2| CE80 4047 0340 04A7          .WORD $CE80,$4047,$0340,$04A7,$1323,$3C04
14FA| 1323 3C04
14FE| 4004 3F11 103E 034C          .WORD $4004,$3F11,$103E,$034C,$012D,$044C
1506| 012D 044C
150A| 015F 0450 0229 3D01          .WORD $015F,$0450,$0229,$3D01,$5601,$9F06
1512| 5601 9F06
1516| 5601 8603 5701 2B04          .WORD $5601,$8603,$5701,$2B04,$5701,$2A01
151E| 5701 2A01
1522| 5A02 9A8A 065A 0285          .WORD $5A02,$9A8A,$065A,$0285,$8004,$5D02
152A| 8004 5D02
152E| 3B3A 0461 0326 2F28          .WORD $3B3A,$0461,$0326,$2F28,$0167,$017A
1536| 0167 017A
153A| 0667 015A 0368 0140          .WORD $0667,$015A,$0368,$0140,$0468,$01A3
1542| 0468 01A3
1546| 0471 0222 A401 7901          .WORD $0471,$0222,$A401,$7901,$7906,$7901
154E| 7906 7901
1552| 5938 4003 C027 A520          .WORD $5938,$4003,$C027,$A520,$4201,$A118
155A| 4201 A118
155E| 4301 B220 4301 B318          .WORD $4301,$B220,$4301,$B318,$4C01,$D020
1566| 4C01 D020
156A| 4C01 D138 5002 7DAD          .WORD $4C01,$D138,$5002,$7DAD,$3853,$0500
1572| 3853 0500
1576| BCC6 00B1 085A 01CF          .WORD $BCC6,$00B1,$085A,$01CF,$305A,$01CE
157E| 305A 01CE
1582| 385D 01B0 185E 01C9          .WORD $385D,$01B0,$185E,$01C9,$205E,$01D6
158A| 205E 01D6
158E| 3860 05AA 5D7C 7B5B          .WORD $3860,$05AA,$5D7C,$7B5B,$2062,$015C
1596| 2062 015C
159A| 3867 02BD D420 6801          .WORD $3867,$02BD,$D420,$6801,$D538,$6B01
15A2| D538 6B01
15A6| BB18 7101 D220 7101          .WORD $BB18,$7101,$D220,$7101,$D338,$7201
15AE| D338 7201
15B2| A638 7502 C700 2075          .WORD $A638,$7502,$C700,$2075,$01C8,$3879
15BA| 01C8 3879
15BE| 01B4 8040 4703 4004          .WORD $01B4,$8040,$4703,$4004,$292D,$113C
15C6| 292D 113C
15CA| 0440 04A1 5FA3 3E03          .WORD $0440,$04A1,$5FA3,$3E03,$4C01,$3D04
15D2| 4C01 3D04
15D6| 4C01 2B03 5002 8D88          .WORD $4C01,$2B03,$5002,$8D88,$0450,$0239
15DE| 0450 0239
15E2| 3003 5603 1024 2C04          .WORD $3003,$5603,$1024,$2C04,$5603,$142A
15EA| 5603 142A
15EE| 3F01 5A01 6D06 5A01          .WORD $3F01,$5A01,$6D06,$5A01,$4D03,$5B04
15F6| 4D03 5B04
    
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15FA| 9D20 3B3A 045B 0425      .WORD $9D20,$3B3A,$045B,$0425,$202E,$2F03
1602| 202E 2F03
1606| 6104 A48F 2128 0461      .WORD $6104,$A48F,$2128,$0461,$0436,$3738
160E| 0436 3738
1612| 3503 6801 4004 6801      .WORD $3503,$6801,$4004,$6801,$2301,$7001
161A| 2301 7001
161E| 7106 7001 5103 7104      .WORD $7106,$7001,$5103,$7104,$8E22,$2726
1626| 8E22 2726
162A| 0471 0432 3334 3101      .WORD $0471,$0432,$3334,$3101,$7505,$6173
1632| 7505 6173
1636| 7A09 7706 7505 4153      .WORD $7A09,$7706,$7505,$4153,$5A09,$5738
163E| 5A09 5738
1642| 4001 7D18 4101 D020      .WORD $4001,$7D18,$4101,$D020,$4101,$D138
164A| 4101 D138
164E| 4202 13B2 2043 01B3      .WORD $4202,$13B2,$2043,$01B3,$184C,$01AD
1656| 184C 01AD
165A| 204C 01B1 3850 0482      .WORD $204C,$01B1,$3850,$0482,$B0BB,$BC38
1662| B0BB BC38
1666| 5504 00CF A2C0 3056      .WORD $5504,$00CF,$A2C0,$3056,$01CE,$385A
166E| 01CE 385A
1672| 01B5 185D 02C9 7C20      .WORD $01B5,$185D,$02C9,$7C20,$5D02,$D65C
167A| 5D02 D65C
167E| 3860 05AA A6C7 C17B      .WORD $3860,$05AA,$A6C7,$C17B,$2062,$01C8
1686| 2062 01C8
168A| 3868 01A5 386A 0200      .WORD $3868,$01A5,$386A,$0200,$0038,$6D01
1692| 0038 6D01
1696| A938 7005 005D D2D4      .WORD $A938,$7005,$005D,$D2D4,$5B20,$7202
169E| 5B20 7202
16A2| D3D5 0875 018C 3075      .WORD $D3D5,$0875,$018C,$3075,$0181,$3877
16AA| 0181 3877
16AE| 01BD 3879 01B7 8044      .WORD $01BD,$3879,$01B7,$8044,$0340,$032D
16B6| 0340 032D
16BA| 3DA4 0440 035F 2BA1      .WORD $3DA4,$0440,$035F,$2BA1,$034C,$0198
16C2| 034C 0198
16C6| 044C 0121 0350 0288      .WORD $044C,$0121,$0350,$0288,$8E03,$5601
16CE| 8E03 5601
16D2| 9304 5601 1003 6104      .WORD $9304,$5601,$1003,$6104,$8F29,$A38D
16DA| 8F29 A38D
16DE| 0170 0161 0670 0141      .WORD $0170,$0161,$0670,$0141,$0371,$0322
16E6| 0371 0322
16EA| 2728 0175 0171 0675      .WORD $2728,$0175,$0171,$0675,$0151,$3840
16F2| 0151 3840
16F6| 03D0 AD00 2040 02D1      .WORD $03D0,$AD00,$2040,$02D1,$B138,$4C01
16FE| B138 4C01
1702| C138 5006 1113 1400      .WORD $C138,$5006,$1113,$1400,$BBBC,$385A
170A| BBBC 385A
170E| 01B5 3862 037D B082      .WORD $01B5,$3862,$037D,$B082,$2062,$015D
1716| 2062 015D
171A| 386B 01C6 0870 018C      .WORD $386B,$01C6,$0870,$018C,$3070,$0181
1722| 3070 0181
1726| 1871 04D2 D47B C720      .WORD $1871,$04D2,$D47B,$C720,$7104,$D3D5
172E| 7104 D3D5
1732| 5BC8 3875 0100 3877      .WORD $5BC8,$3875,$0100,$3877,$01BD,$8043
173A| 01BD 8043
173E| 0140 032B 8E27 0240      .WORD $0140,$032B,$8E27,$0240,$032B,$8327
1746| 032B 8327
174A| 0441 0283 2A01 5602      .WORD $0441,$0283,$2A01,$5602,$8C9F,$0656
1752| 8C9F 0656
1756| 0281 8601 6702 7913      .WORD $0281,$8601,$6702,$7913,$0267,$0259
175E| 0267 0259
1762| 1304 6702 5911 0472      .WORD $1304,$6702,$5911,$0472,$0123,$0179
176A| 0123 0179
176E| 017A 0679 015A 1840      .WORD $017A,$0679,$015A,$1840,$01B1,$1841
1776| 01B1 1841
177A| 02BB D420 4102 BCD5      .WORD $02BB,$D420,$4102,$BCD5,$3852,$0600
1782| 3852 0600
1786| A6C6 00CF 1430 5601      .WORD $A6C6,$00CF,$1430,$5601,$CE08,$5A01
178E| CE08 5A01
1792| BF30 5A01 AF38 5F01      .WORD $BF30,$5A01,$AF38,$5F01,$BD38,$6702
179A| BD38 6702
179E| B4C7 2068 01C8 386B      .WORD $B4C7,$2068,$01C8,$386B,$0110,$3870
17A6| 0110 3870
17AA| 0140 3872 01A3 3875      .WORD $0140,$3872,$01A3,$3875,$02A5,$A720
17B2| 02A5 A720
17B6| 7501 A138 7901 A480      .WORD $7501,$A138,$7901,$A480,$4601,$5A02
17BE| 4601 5A02
17C2| BEBF 065A 02AE AF08      .WORD $BEBF,$065A,$02AE,$AF08,$5A02,$8A9A
17CA| 5A02 8A9A
17CE| 305A 0280 8580 4303      .WORD $305A,$0280,$8580,$4303,$4003,$2710
17D6| 4003 2710
17DA| 2404 4201 A303 5602      .WORD $2404,$4201,$A303,$5602,$9F14,$0456
17E2| 9F14 0456
17E6| 028F 2103 5A02 9A8A      .WORD $028F,$2103,$5A02,$9A8A,$045A,$028E
17EE| 045A 028E
17F2| 8803 6801 A404 6801      .WORD $8803,$6801,$A404,$6801,$A104,$7203
17FA| A104 7203

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17FE| 2A8D 2B38 4102 13A2          .WORD $2A8D,$2B38,$4102,$13A2,$2041,$015E
1806| 2041 015E
180A| 3852 0200 C118 5701          .WORD $3852,$0200,$C118,$5701,$D420,$5701
1812| D420 5701
1816| D538 5A01 0018 5D01          .WORD $D538,$5A01,$0018,$5D01,$C720,$5D01
181E| C720 5D01
1822| C838 6702 BDA6 2068          .WORD $C838,$6702,$BDA6,$2068,$01A5,$386A
182A| 01A5 386A
182E| 0140 386D 01A9 3872          .WORD $0140,$386D,$01A9,$3872,$0323,$82B1
1836| 0323 82B1
183A| 2074 01B0 0875 01CF          .WORD $2074,$01B0,$0875,$01CF,$3075,$01CE
1842| 3075 01CE
1846| 3876 01A7 8048 0356          .WORD $3876,$01A7,$8048,$0356,$018F,$0456
184E| 018F 0456
1852| 019F 035A 028E 8804          .WORD $019F,$035A,$028E,$8804,$5A02,$9A8A
185A| 5A02 9A8A
185E| 8040 0342 0288 C704          .WORD $8040,$0342,$0288,$C704,$4202,$8FC8
1866| 4202 8FC8
186A| 034C 018E 0356 0210          .WORD $034C,$018E,$0356,$0210,$9D04,$5602
1872| 9D04 5602
1876| 1411 035B 018D 045D          .WORD $1411,$035B,$018D,$045D,$022C,$2F04
187E| 022C 2F04
1882| 6101 A403 6801 3C04          .WORD $6101,$A403,$6801,$3C04,$6801,$3E08
188A| 6801 3E08
188E| 4202 BE00 3042 02AE          .WORD $4202,$BE00,$3042,$02AE,$0018,$4C01
1896| 0018 4C01
189A| 1338 5202 0000 3855          .WORD $1338,$5202,$0000,$3855,$017C,$385B
18A2| 017C 385B
18A6| 0182 185D 0200 5C20          .WORD $0182,$185D,$0200,$5C20,$5D02,$00D6
18AE| 5D02 00D6
18B2| 3860 02AA A218 6801          .WORD $3860,$02AA,$A218,$6801,$B220,$6801
18BA| B220 6801
18BE| B338 6D01 0018 7103          .WORD $B338,$6D01,$0018,$7103,$5D7B,$7D20
18C6| 5D7B 7D20
18CA| 7103 5DA3 7D18 7401          .WORD $7103,$5DA3,$7D18,$7401,$5B20,$7401
18D2| 5B20 7401
18D6| C180 242B 022E 2C1B          .WORD $C180,$242B,$022E,$2C1B,$2C01,$2C80
18DE| 2C01 2C80
18E2| 0000 0F01 240C 250B          L018EA .WORD $0000,$0F01,$240C,$250B,$2608,$270A
18EA| 2608 270A
18EE| 2909 2A0D 2B06 2C05          .WORD $2909,$2A0D,$2B06,$2C05,$2D04,$2E03
18F6| 2D04 2E03
18FA| 2F02 3F00 FF00          .WORD $2F02,$3F00,$FF00
1900|
1900| ; |
1900| ; | ROUTINE : iKeyboard
1900| ; |
1900| ; FUNCTION Keyboard: KeybdId;
1900|
1900| iKeyboard: ; L01908
1900|
1900| 4240          CLR.W    D0
1902| 1039 00CC 02CE          MOVE.B  ioCC02CE,D0
1908| 4E75          RTS
190A|
190A| ; |
190A| ; | ROUTINE : iLegends
190A| ; |
190A| ; FUNCTION Legends: KeybdId;
190A|
190A| iLegends: ; L01912
190A|
190A| 4240          CLR.W    D0
190C| 1039 00CC 02CF          MOVE.B  ioKeyBdID,D0
1912| 4E75          RTS
1914|
1914| ; |
1914| ; | ROUTINE : iSetLegends
1914| ; |
1914| ; PROCEDURE SetLegends(id: KeybdId);
1914|
1914| iSetLegends: ; L0191C
1914|
1914| 48E7 C080          MOVEM.L D0/D1,A0,-(A7)
1918| 0240 003F          ANDI.W  #$003F,D0 ; $003F = % 0000 0000 0011 1111
191C| 13C0 00CC 02CF          MOVE.B  D0,ioKeyBdID
1922| 207C 00CC 02D2          MOVE.L  #ioCC02D2,A0
1928| 43E8 0300          LEA     $0300(A0),A1
192C| 4281          CLR.L  D1
192E| 20C1          L01936 MOVE.L  D1,(A0)+
1930| B1C9          CMPA.L A1,A0
1932| 6DFA          BLT.S  L01936
1934| 41FA FFAC          LEA     L018EA,A0

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1A6A| ; |
1A6A| ; |
1A6A| ; FUNCTION KeyIsDown(key: KeyCap): Boolean;
1A6A| ;
1A6A| iKeyIsDown: ; L01A72
1A6A|
1A6A| 48E7 2080          MOVEM.L  D2/A0, -(A7)
1A6E| 3200              MOVE.W   D0,D1
1A70| E641            ASR.W   #S3,D1
1A72| 0241 000C        ANDI.W  #$000C,D1
1A76| 3400              MOVE.W   D0,D2
1A78| 0242 001F        ANDI.W  #$001F,D2
1A7C| 41F9 00CC 05D2   LEA     ioCC05D2,A0
1A82| 2230 1000        MOVE.L  $00(A0,D1.W),D1
1A86| 0501             BTST    D2,D1
1A88| 56C1             SNE     D1
1A8A| 0241 0001        ANDI.W  #$0001,D1
1A8E| 4CDF 0104        MOVEM.L (A7)+,D2/A0
1A92| 4E75             RTS
1A94|
1A94| ; |
1A94| ; | ROUTINE : iKeyMap
1A94| ; |
1A94| ; |
1A94| ; PROCEDURE KeyMap(VAR keys: KeyCapSet);
1A94| ;
1A94| iKeyMap: ; L01A9C
1A94|
1A94| 2039 00CC 05D2   MOVE.L  ioCC05D2,D0 ; keycodes 0.. 31
1A9A| 2239 00CC 05D6   MOVE.L  ioCC05D6,D1 ; keycodes 32.. 63
1AA0| 2439 00CC 05DA   MOVE.L  ioCC05DA,D2 ; keycodes 64.. 95
1AA6| 2639 00CC 05DE   MOVE.L  ioCC05DE,D3 ; keycodes 96..127
1AAC| 4E75             RTS
1AAE|
1AAE| ; |
1AAE| ; | ROUTINE : iKeybdPeek
1AAE| ; |
1AAE| ; |
1AAE| ; FUNCTION KeybdPeek(repeats: Boolean; index: KeybdQIndex;
1AAE| ; VAR event: KeyEvent): Boolean;
1AAE| ;
1AAE| iKeybdPeek: ; L01AB6
1AAE|
1AAE| 2F08             MOVE.L  A0, -(A7)
1AB0| 4245             CLR.W   D5
1AB2| 3600             MOVE.W  D0,D3
1AB4| 3801             MOVE.W  D1,D4
1AB6| 41F9 00CC 0624   LEA     ioCC0624,A0
1ABC| 3039 00CC 0620   MOVE.W  ioCC0620,D0
1AC2| 3239 00CC 0622   MOVE.W  ioCC0622,D1
1AC8| 343C 001F        MOVE.W  #$001F,D2
1ACC| 6020             BRA.S   L01AF6
1ACE|
1ACE| ; |
1ACE| ; | ROUTINE : iAltKeyPeek
1ACE| ; |
1ACE| ; |
1ACE| ; FUNCTION AltKeyPeek(repeats: Boolean; index: KeybdQIndex;
1ACE| ; VAR event: KeyEvent): Boolean;
1ACE| ;
1ACE| iAltKeyPeek: ; L01AD6
1ACE|
1ACE| 2F08             MOVE.L  A0, -(A7)
1AD0| 3A3C 0001        MOVE.W  #$0001,D5
1AD4| 3600             MOVE.W  D0,D3
1AD6| 3801             MOVE.W  D1,D4
1AD8| 41F9 00CC 07A8   LEA     ioCC07A8,A0
1ADE| 3039 00CC 07A4   MOVE.W  ioCC07A4,D0
1AE4| 3239 00CC 07A6   MOVE.W  ioCC07A6,D1
1AEA| 343C 000F        MOVE.W  #$000F,D2
1AEE| 4A44             L01AF6 TST.W  D4
1AF0| 6F00 0076        BLE     L01B70
1AF4| 9041             SUB.W   D1,D0
1AF6| C042             AND.W  D2,D0
1AF8| B840             CMP.W  D0,D4
1AFA| 6E2A             BGT.S  L01B2E
1AFC| 5344             SUBQ.W #S1,D4
1AFE| D841             ADD.W  D1,D4
1B00| C842             AND.W  D2,D4
1B02| C9FC 000C        MULS   #$000C,D4
1B06| D0C4             ADDA.W D4,A0
1B08| 1210             MOVE.B (A0),D1
1B0A| 1428 0001        MOVE.B $0001(A0),D2
1B0E| 3628 0002        MOVE.W $0002(A0),D3
1B12| 3828 0004        MOVE.W $0004(A0),D4
1B16| 3A28 0006        MOVE.W $0006(A0),D5

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1CDE| 4A39 00CC 060E          TST.B    ioCC060E
1CE4| 663E                    BNE.S    L01D2C
1CE6| 41FA FCE2              LEA      L019D2,A0
1CEA| 3200                    MOVE.W   D0,D1
1CEC| E640                    ASR.W   #53,D0
1CEE| 4641                    NOT.W   D1
1CF0| 0241 0007              ANDI.W   #50007,D1
1CF4| 0330 0000              BTST    D1,$00(A0,D0.W)
1CF8| 672A                    BEQ.S   L01D2C
1CFA| 4EBA 041E              JSR     iTimer
1CFE| B0B9 00CC 061C        CMP.L   ioCC061C,D0
1D04| 6B1E                    BMI.S   L01D2C
1D06| 23C0 00CC 060A        MOVE.L  D0,ioCC060A
1D0C| 4EBA EB68              JSR     iMouseLocation
1D10| 33C0 00CC 0606        MOVE.W  D0,ioCC0606
1D16| 33C1 00CC 0608        MOVE.W  D1,ioCC0608
1D1C| 13FC 0001 00CC 060F  MOVE.W  #501,ioCC060F
1D24| 4CDF 0103          L01D2C MOVE.M.L (A7)+,D0/D1/A0
1D28| 4E75                    RTS
1D2A|
1D2A| ; |-----|
1D2A| ; | ROUTINE : iKeyPushed |
1D2A| ; |-----|
1D2A|
1D2A| ; PROCEDURE KeyPushed(key: KeyCap);
1D2A|
1D2A| iKeyPushed: ; L01D32
1D2A|
1D2A| 08F9 0000 00CC 02B4          BSET    #0,ioCC02B4
1D32| 6604                    BNE.S   L01D40
1D34| 4EBA F1FC              JSR     L00F3A
1D38| 48E7 FFFE          L01D40 MOVE.M.L D0-D7/A0-A6,-(A7)
1D3C| 2079 00CC 02C2        MOVE.L  ioCC02C2,A0
1D42| 4A39 00CC 02A8        TST.B   ioScreenKeybd
1D48| 6704                    BEQ.S   L01D56
1D4A| 41FA 00A8              LEA     L01DFC,A0
1D4E| 48E7 8080          L01D56 MOVE.M.L D0/A0,-(A7)
1D52| 323C 0080              MOVE.W  #50080,D1
1D56| 4E90                    JSR     (A0)
1D58| 4CDF 0101              MOVE.M.L (A7)+,D0/A0
1D5C| 4241                    CLR.W  D1
1D5E| 4E90                    JSR     (A0)
1D60| 4CDF 7FFF              MOVE.M.L (A7)+,D0-D7/A0-A6
1D64| 4E75                    RTS
1D66|
1D66| ; |-----|
1D66| ; | ROUTINE : iNMIKey |
1D66| ; |-----|
1D66|
1D66| ; FUNCTION NMIKey: KeyCap;
1D66|
1D66| iNMIKey: ; L01D6E
1D66|
1D66| 4240                    CLR.W  D0
1D68| 1039 00CC 02D0        MOVE.B  ioNMIKeyCode,D0
1D6E| 4E75                    RTS
1D70|
1D70| ; |-----|
1D70| ; | ROUTINE : iSetNMIKey |
1D70| ; |-----|
1D70|
1D70| ; PROCEDURE SetNMIKey(key: KeyCap);
1D70|
1D70| iSetNMIKey: ; L01D78
1D70|
1D70| 48E7 E000              MOVE.M.L D0-D2,-(A7)
1D74| 2439 00CC 0016        MOVE.L  ioCC0016,D2
1D7A| 1200                    MOVE.B  D0,D1
1D7C| E808                    LSR.B  #4,D0
1D7E| 0200 0007              ANDI.B  #7,D0
1D82| 0000 0058              ORI.B  #58,D0
1D86| 4EBA E694              JSR     L00424
1D8A| 1001                    MOVE.B  D1,D0
1D8C| 0200 000F              ANDI.B  #50F,D0
1D90| 0000 0060              ORI.B  #560,D0
1D94| 4EBA E686              JSR     L00424
1D98| B4B9 00CC 0016        CMP.L   ioCC0016,D2
1D9E| 4CDF 0007              MOVE.M.L (A7)+,D0-D2
1DA2| 66CC                    BNE.S   iSetNMIKey
1DA4| 52B9 00CC 0016        ADDQ.L  #51,ioCC0016
1DAA| 13C0 00CC 02D0        MOVE.B  D0,ioNMIKeyCode
1DB0| 4E75                    RTS
1DB2|
1DB2| ; |-----|
1DB2| ; | ROUTINE : iToggleKey |
1DB2| ; |-----|

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1DB2|
1DB2| ; FUNCTION ToggleKey: KeyCap;
1DB2|
1DB2| iToggleKey: ; L01DBA
1DB2|
1DB2| 4240 CLR.W D0
1DB4| 1039 00CC 02D1 MOVE.B ioCC02D1,D0
1DBA| 4E75 RTS
1DBC|
1DBC| ; |
1DBC| ; | ROUTINE : iSetToggleKey
1DBC| ; |
1DBC|
1DBC| ; PROCEDURE SetToggleKey(key: KeyCap);
1DBC|
1DBC| iSetToggleKey: ; L01DC4
1DBC|
1DBC| 13C0 00CC 02D1 MOVE.B D0,ioCC02D1
1DC2| 4E75 RTS
1DC4|
1DC4| ; |
1DC4| ; | ROUTINE : iSys_76_Call
1DC4| ; |
1DC4|
1DC4| iSys_76_Call: ; L01DCC
1DC4|
1DC4| 2079 00CC 02C2 MOVE.L ioCC02C2,A0
1DCA| 4E75 RTS
1DCC|
1DCC| ; |
1DCC| ; | ROUTINE : iSys_78_Call
1DCC| ; |
1DCC|
1DCC| iSys_78_Call: ; L01DD4
1DCC|
1DCC| 23C8 00CC 02C2 MOVE.L A0,ioCC02C2
1DD2| 4E75 RTS
1DD4|
1DD4| ; |
1DD4| ; | ROUTINE : iSys_7A_Call
1DD4| ; |
1DD4|
1DD4| iSys_7A_Call: ; L01DDC
1DD4|
1DD4| 2079 00CC 02C6 MOVE.L ioCC02C6,A0
1DDA| 4E75 RTS
1DDC|
1DDC| ; |
1DDC| ; | ROUTINE : iSys_7C_Call
1DDC| ; |
1DDC|
1DDC| iSys_7C_Call: ; L01DE4
1DDC|
1DDC| 23C8 00CC 02C6 MOVE.L A0,ioCC02C6
1DE2| 4E75 RTS
1DE4|
1DE4| ; |
1DE4| ; | ROUTINE : iSys_7E_Call
1DE4| ; |
1DE4|
1DE4| iSys_7E_Call: ; L01DEC
1DE4|
1DE4| 2079 00CC 02CA MOVE.L ioCC02CA,A0
1DEA| 4E75 RTS
1DEC|
1DEC| ; |
1DEC| ; | ROUTINE : iSys_80_Call
1DEC| ; |
1DEC|
1DEC| iSys_80_Call: ; L01DF4
1DEC|
1DEC| 23C8 00CC 02CA MOVE.L A0,ioCC02CA
1DF2| 4E75 RTS
1DF4|
1DF4| L01DFC MOVE.W D0,D2
1DF6| E642 ASR.W #3,D2
1DF8| 0242 000C ANDI.W #000C,D2
1DFC| 3600 MOVE.W D0,D3
1DFE| 0243 001F ANDI.W #001F,D3
1E02| 41F9 00CC 05D2 LEA ioCC05D2,A0
1E08| 2830 2000 MOVE.L $00(A0,D2.W),D4
1E0C| 4A41 TST.W D1
1E0E| 660C BNE.S L01E24
1E10| 0784 BCLR D3,D4
1E12| 6626 BNE.S L01E42
1E14| 5279 00CC 0002 ADDQ.W #1,ioCC0002

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1E1A| 601E                BRA.S    L01E42
1E1C|
1E1C| 13C0 00CC 05E2      L01E24  MOVE.B  D0,ioCC05E2
1E22| 3F00                MOVE.W  D0,-(A7)
1E24| 4EBA 02F4           JSR     iTimer
1E28| 23C0 00CC 05E4      MOVE.L  D0,ioCC05E4
1E2E| 301F                MOVE.W  (A7)+,D0
1E30| 07C4                BSET   D3,D4
1E32| 6706                BEQ.S   L01E42
1E34| 5279 00CC 0000      ADDQ.W  #$1,ioCC0000
1E3A| 2184 2000           L01E42  MOVE.L  D4,$00(A0,D2.W)
1E3E| 3639 00CC 05E8      MOVE.W  ioCC05E8,D3
1E44| 41FA FB94           LEA    L019E2,A0
1E48| 4A50                L01E50  TST.W  (A0)
1E4A| 6710                BEQ.S   L01E64
1E4C| 1418                MOVE.B  (A0)+,D2
1E4E| B018                CMP.B   (AC)+,D0
1E50| 66F6                BNE.S   L01E50
1E52| 05C3                BSET   D2,D3
1E54| 4A41                TST.W  D1
1E56| 66F0                BNE.S   L01E50
1E58| 0583                BCLR   D2,D3
1E5A| 60EC                BRA.S   L01E50
1E5C|
1E5C| 33C3 00CC 05E8      L01E64  MOVE.W  D3,ioCC05E8
1E62| 8639 00CC 05E8      OR.B    ioCC05E8,D3
1E68| 13C3 00CC 05ED      MOVE.B  D3,ioCC05ED
1E6E| B039 00CC 02D1      CMP.B   ioCC02D1,D0
1E74| 662A                BNE.S   L01EA8
1E76| 3439 00CC 05EC      MOVE.W  ioCC05EC,D2
1E7C| 0242 0004           ANDI.W  #$0004,D2
1E80| 0C42 0004           CMPI.W  #$0004,D2
1E84| 661A                BNE.S   L01EA8
1E86| 4A41                TST.W  D1
1E88| 6700 0100           BEQ     L01F92
1E8C| 2F00                MOVE.L  D0,-(A7)
1E8E| 4EBA EF20           JSR     iScreenKeybd
1E92| 0840 0000           BCHG   #$0000,D0
1E96| 4EBA EF20           JSR     iSetScreenKeybd
1E9A| 201F                MOVE.L  (A7)+,D0
1E9C| 6000 00EC           BRA     L01F92
1EA0|
1EA0| 13C0 00CC 05EA      L01EA8  MOVE.B  D0,ioCC05EA
1EA6| 41FA FB12           LEA    L019C2,A0
1EAA| 3400                MOVE.W  D0,D2
1EAC| E642                ASR.W  #$3,D2
1EAE| 3600                MOVE.W  D0,D3
1EB0| 4643                NOT.W  D3
1EB2| 0243 0007           ANDI.W  #$0007,D3
1EB6| 0730 2000           BTST   D3,$00(A0,D2.W)
1EBA| 6700 00CE           BEQ     L01F92
1EBE| 4A41                TST.W  D1
1EC0| 671C                BEQ.S   L01EE6
1EC2| 3239 00CC 05EC      MOVE.W  ioCC05EC,D1
1EC8| 4EBA 00C2           JSR     iSys_A4_Call
1ECC| 13C0 00CC 05EB      MOVE.B  D0,ioCC05EB
1ED2| 23F9 00CC 05E4 00CC MOVE.L  ioCC05E4,ioCC05F2
1EDC| 6020                BRA.S   L01F06
1EDE|
1EDE| 0C40 0006           L01EE6  CMPI.W  #$0006,D0
1EE2| 6708                BEQ.S   L01EF4
1EE4| 0C40 0007           CMPI.W  #$0007,D0
1EE8| 6600 00A0           BNE     L01F92
1EEC| 13FC 0001 00CC 05EB L01EF4  MOVE.B  #$01,ioCC05EB
1EF4| 4EBA 0224           JSR     iTimer
1EF8| 23C0 00CC 05F2      MOVE.L  D0,ioCC05F2
1EFE| 4EBA E976           L01F06  JSR     iMouseLocation
1F02| 33C0 00CC 05EE      MOVE.W  D0,ioCC05EE
1F08| 33C1 00CC 05F0      MOVE.W  D1,ioCC05F0
1F0E| 1039 00CC 05EB      MOVE.B  ioCC05EB,D0
1F14| 4A39 00CC 060E      TST.B   ioCC060E
1F1A| 673C                BEQ.S   L01F60
1F1C| 4239 00CC 060E      CLR.B   ioCC060E
1F22| 1239 00CC 05F7      MOVE.B  ioCC05F7,D1
1F28| 41FA FABB           LEA    L019ED,A0
1F2C| 5648                L01F34  ADDQ.W  #$3,A0
1F2E| 4A10                TST.B  (A0)
1F30| 6716                BEQ.S   L01F50
1F32| B210                CMP.B   (A0),D1
1F34| 66F6                BNE.S   L01F34
1F36| 1428 0002           MOVE.B  $0002(A0),D2
1F3A| B028 0001           CMP.B   $0001(A0),D0
1F3E| 66EC                BNE.S   L01F34
1F40| 13C2 00CC 05EB      MOVE.B  D2,ioCC05EB
1F46| 6038                BRA.S   L01F88
1F48|

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2076|
2076| 5279 00CC 0006      L0207E ADDQ.W  # $1,ioCC0006
207C| 4E75                RTS
207E|
207E| ; |
207E| ; | ROUTINE : iMicroTimer
207E| ; |
207E| ;
207E| ; FUNCTION MicroTimer: MicroSeconds;
207E|
207E| iMicroTimer: ; L02086
207E|
207E| 48E7 7800          MOVEM.L D1-D4, -(A7)
2082| 4283              CLR.L D3
2084| 4284              CLR.L D4
2086| 40E7              MOVE SR, -(A7)
2088| 007C 0700          ORI.W  # $0700, SR
208C| 2039 00CC 001A      MOVE.L ioCC001A, D0
2092| 1639 00FC D929      MOVE.B ioFCD929, D3
2098| 1239 00FC D969      MOVE.B ioFCD969, D1
209E| 1439 00FC D921      MOVE.B ioFCD921, D2
20A4| 1839 00FC D929      MOVE.B ioFCD929, D4
20AA| 0C03 00FF          CMPI.B # $FF, D3
20AE| 6602              BNE.S L020BA
20B0| 4283              CLR.L D3
20B2| B843              L020BA CMP.W  D3, D4
20B4| 6D0A              BLT.S L020C8
20B6| 6E0C              BGT.S L020CC
20B8| 0801 0006          BTST  #6, D1
20BC| 6612              BNE.S L020D8
20BE| 601A              BRA.S L020E2
20C0|
20C0| 4202              L020C8 CLR.B  D2
20C2| 6016              BRA.S L020E2
20C4|
20C4| 1439 00CC 000A      L020CC MOVE.B ioCC000A, D2
20CA| 1639 00CC 000B      MOVE.B ioCC000B, D3
20D0| 0680 0000 4E20      L020D8 ADDI.L # $00004E20, D0
20D6| 4EBA E484          JSR L00564
20DA| 46DF              L020E2 MOVE (A7)+, SR
20DC| E143              ASL.W # $8, D3
20DE| 1602              MOVE.B D2, D3
20E0| 4A39 00CC 0009      TST.B ioCC0009
20E6| 6718              BEQ.S L02108
20E8| 0443 637B          SUBI.W # $637B, D3
20EC| 4443              NEG.W D3
20EE| E243              ASR.W # $1, D3
20F0| D083              ADD.L D3, D0
20F2| E243              ASR.W # $1, D3
20F4| D083              ADD.L D3, D0
20F6| E643              ASR.W # $3, D3
20F8| D083              ADD.L D3, D0
20FA| E643              ASR.W # $3, D3
20FC| D083              ADD.L D3, D0
20FE| 6014              BRA.S L0211C
2100|
2100| 0443 27CA          L02108 SUBI.W # $27CA, D3
2104| 4443              NEG.W D3
2106| 3403              MOVE.W D3, D2
2108| EC42              ASR.W # $6, D2
210A| 9642              SUB.W D2, D3
210C| E442              ASR.W # $2, D2
210E| 9642              SUB.W D2, D3
2110| D083              ADD.L D3, D0
2112| D083              ADD.L D3, D0
2114| 4CDF 001E          L0211C MOVEM.L (A7)+, D1-D4
2118| 4E75                RTS
211A|
211A| ; |
211A| ; | ROUTINE : iTimer
211A| ; |
211A| ;
211A| ; FUNCTION Timer: MilliSeconds;
211A|
211A| iTimer: ; L02122
211A|
211A| 2F01              MOVE.L D1, -(A7)
211C| 4281              CLR.L D1
211E| 40E7              MOVE SR, -(A7)
2120| 007C 0700          ORI.W  # $0700, SR
2124| 2039 00CC 001E      MOVE.L ioCC001E, D0
212A| 1239 00FC D929      MOVE.B ioFCD929, D1
2130| 0839 0006 00FC D969 BTST  #6, ioFCD969
2138| 670C              BEQ.S L0214E
213A| 0680 0000 0014      ADDI.L # $00000014, D0
2140| 1239 00FC D929      MOVE.B ioFCD929, D1

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ICURSORD	LB	00000B40	ICURSORDH	LB	00000A9A	ICURSORDI	LB	000009A6
ICURSORL	LB	00000A0A	ICURSORO	LB	00000C7C	ICURSORR	LB	00000CB2
ICURSORS	LB	00000AE6	ICURSORT	LB	00000A7C	IDATETIM	LB	00002248
IDATETOT	LB	00002264	IDIMCONT	LB	00000EF8	IDISKDRI	LB	00000396
IDISKSYN	LB	0000039E	IDRIVERI	LB	00000114	IFADEDEL	LB	00000F10
IFRAMECO	LB	00000D92	IKEYBDEV	LB	00001B7A	IKEYBDPE	LB	00001AAE
IKEYBOAR	LB	00001900	IKEYISDO	LB	00001A6A	IKEYMAP	LB	00001A94
IKEYPUSH	LB	00001D2A	ILEGENDS	LB	0000190A	IMICROTI	LB	0000207E
IMOUSELO	LB	00000876	IMOUSEOD	LB	000008DE	IMOUSESC	LB	000008BA
IMOUSETH	LB	000008C2	IMOUSEUP	LB	00000882	INMIKEY	LB	00001D66
INMISYNC	LB	000003A6	INOISE	LB	00001070	IOCC0000	AB	00CC0000
IOCC0002	AB	00CC0002	IOCC0004	AB	00CC0004	IOCC0006	AB	00CC0006
IOCC0008	AB	00CC0008	IOCC0009	AB	00CC0009	IOCC000A	AB	00CC000A
IOCC000B	AB	00CC000B	IOCC000C	AB	00CC000C	IOCC0010	AB	00CC0010
IOCC0014	AB	00CC0014	IOCC0015	AB	00CC0015	IOCC0016	AB	00CC0016
IOCC001A	AB	00CC001A	IOCC001E	AB	00CC001E	IOCC0022	AB	00CC0022
IOCC0026	AB	00CC0026	IOCC003C	AB	00CC003C	IOCC0090	AB	00CC0090
IOCC00E4	AB	00CC00E4	IOCC00E5	AB	00CC00E5	IOCC00E6	AB	00CC00E6
IOCC00E8	AB	00CC00E8	IOCC00EC	AB	00CC00EC	IOCC00F0	AB	00CC00F0
IOCC00F2	AB	00CC00F2	IOCC00F4	AB	00CC00F4	IOCC00F5	AB	00CC00F5
IOCC00F6	AB	00CC00F6	IOCC00F8	AB	00CC00F8	IOCC00FE	AB	00CC00FE
IOCC0100	AB	00CC0100	IOCC0140	AB	00CC0140	IOCC0180	AB	00CC0180
IOCC0182	AB	00CC0182	IOCC0184	AB	00CC0184	IOCC0186	AB	00CC0186
IOCC01C6	AB	00CC01C6	IOCC0206	AB	00CC0206	IOCC0208	AB	00CC0208
IOCC020A	AB	00CC020A	IOCC020C	AB	00CC020C	IOCC020E	AB	00CC020E
IOCC0210	AB	00CC0210	IOCC0212	AB	00CC0212	IOCC0213	AB	00CC0213
IOCC0214	AB	00CC0214	IOCC0216	AB	00CC0216	IOCC0218	AB	00CC0218
IOCC021A	AB	00CC021A	IOCC029A	AB	00CC029A	IOCC029C	AB	00CC029C
IOCC029E	AB	00CC029E	IOCC02A0	AB	00CC02A0	IOCC02A4	AB	00CC02A4
IOCC02AA	AB	00CC02AA	IOCC02AC	AB	00CC02AC	IOCC02AE	AB	00CC02AE
IOCC02B0	AB	00CC02B0	IOCC02B2	AB	00CC02B2	IOCC02B4	AB	00CC02B4
IOCC02B6	AB	00CC02B6	IOCC02BA	AB	00CC02BA	IOCC02BC	AB	00CC02BC
IOCC02BE	AB	00CC02BE	IOCC02C0	AB	00CC02C0	IOCC02C2	AB	00CC02C2
IOCC02C6	AB	00CC02C6	IOCC02CA	AB	00CC02CA	IOCC02CE	AB	00CC02CE
IOCC02D1	AB	00CC02D1	IOCC02D2	AB	00CC02D2	IOCC05D2	AB	00CC05D2
IOCC05D6	AB	00CC05D6	IOCC05DA	AB	00CC05DA	IOCC05DE	AB	00CC05DE
IOCC05E2	AB	00CC05E2	IOCC05E4	AB	00CC05E4	IOCC05E8	AB	00CC05E8
IOCC05EA	AB	00CC05EA	IOCC05EB	AB	00CC05EB	IOCC05EC	AB	00CC05EC
IOCC05ED	AB	00CC05ED	IOCC05EE	AB	00CC05EE	IOCC05F0	AB	00CC05F0
IOCC05F2	AB	00CC05F2	IOCC05F6	AB	00CC05F6	IOCC05F7	AB	00CC05F7
IOCC0602	AB	00CC0602	IOCC0603	AB	00CC0603	IOCC0604	AB	00CC0604
IOCC0606	AB	00CC0606	IOCC0608	AB	00CC0608	IOCC060A	AB	00CC060A
IOCC060E	AB	00CC060E	IOCC060F	AB	00CC060F	IOCC0610	AB	00CC0610
IOCC0614	AB	00CC0614	IOCC0618	AB	00CC0618	IOCC061C	AB	00CC061C
IOCC0620	AB	00CC0620	IOCC0622	AB	00CC0622	IOCC0624	AB	00CC0624
IOCC07A4	AB	00CC07A4	IOCC07A6	AB	00CC07A6	IOCC07A8	AB	00CC07A8
IOCC0868	AB	00CC0868	IOFCC031	AB	00FCC031	IOFCD921	AB	00FCD921
IOFCD929	AB	00FCD929	IOFCD939	AB	00FCD939	IOFCD969	AB	00FCD969
IOFCD971	AB	00FCD971	IOFCD983	AB	00FCD983	IOFCD997	AB	00FCD997
IOFCD99B	AB	00FCD99B	IOFCF801	AB	00FCF801	IKEYBDI	AB	00CC02CF
IOMOUSEO	AB	00CC00FA	IOMIKEY	AB	00CC02D0	IORESETS	AB	00FCE012
IOSCREEN	AB	00CC02A8	IOSETSET	AB	00FCE010	IOVIA1BA	AB	00FCD881
IOVIA2BA	AB	00FCD901	IOVIDEOA	AB	00FCE800	IOVIDEOC	AB	00FCD01C
IOVIDEOV	AB	00FCE018	IPOLL	LB	000003DE	IPOWERCY	LB	00000FDC
IPOWERDO	LB	00000F58	IRAMPCON	LB	00000E0E	IPEATR	LB	00001C88
ISCREENA	LB	00000DA4	ISCREENK	LB	00000DB0	ISCREENS	LB	00000D9A
ISSETCONT	LB	00000DE4	ISSETDATE	LB	00002252	ISSETDIMC	LB	00000F00
ISSETFADE	LB	00000F18	ISSETLEGE	LB	00001914	ISSETNMK	LB	00001D70
ISSETREPE	LB	00001C96	ISSETSCRE	LB	00000DB8	ISSETTIME	LB	0000231E
ISSETTOGG	LB	00001DBC	ISSETVOLU	LB	0000104E	ISILENCE	LB	000010D6
ISYS_56	LB	000022A8	ISYS_5E	LB	00002388	ISYS_60	LB	0000239A
ISYS_62	LB	000023EE	ISYS_64	LB	00002442	ISYS_66	LB	000024D0
ISYS_76	LB	00001DC4	ISYS_78	LB	00001DCC	ISYS_7A	LB	00001DD4
ISYS_7C	LB	00001DDC	ISYS_7E	LB	00001DE4	ISYS_80	LB	00001DEC
ISYS_A4	LB	00001F8C	ISYS_A6	LB	00000112	ISYS_AC	LB	000008E6
ISYS_AE	LB	000008EE	ISYS_B0	LB	000010FA	ISYS_B2	LB	0000115E
ITIMER	LB	0000211A	ITIMESTA	LB	00002310	ITIMETOD	LB	00002330
ITOGGLEK	LB	00001DB2	ITWIGGYD	LB	0000038E	IVOLUME	LB	00001040
KSCRNHSI	AB	000002D0	KSCRNVS1	AB	0000016C	L0012E	LB	00000126
L00254	LB	0000024C	L002AA	LB	000002A2	L00320	LB	00000318
L00332	LB	0000032A	L00388	LB	00000380	L003FE	LB	000003F6
L0040E	LB	00000406	L0041C	LB	00000414	L00424	LB	0000041C
L00442	LB	0000043A	L00448	LB	00000440	L00494	LB	0000048C
L00498	LB	00000490	L004A6	LB	0000049E	L004B8	LB	000004B0
L004CA	LB	000004C2	L004E0	LB	000004D8	L004F4	LB	000004EC
L00508	LB	00000500	L0050E	LB	00000506	L00540	LB	00000538
L00550	LB	00000548	L00552	LB	00000554	L00564	LB	0000055C
L0058A	LB	00000582	L005C4	LB	000005BC	L005C8	LB	000005C0
L005F8	LB	000005F0	L00630	LB	00000628	L00644	LB	0000063C
L00646	LB	0000063E	L00650	LB	00000648	L00666	LB	0000065E
L0066C	LB	00000664	L00674	LB	0000066C	L006A4	LB	0000069C
L006BC	LB	0000068A	L006E4	LB	000006DC	L006EE	LB	000006E6
L00700	LB	000006F8	L0070E	LB	00000706	L00718	LB	00000710
L00722	LB	0000071A	L00732	LB	0000072A	L00740	LB	00000738
L0076E	LB	00000766	L0078C	LB	00000784	L0079C	LB	00000794
L007B2	LB	000007AA	L007B6	LB	000007AE	L007D8	LB	000007D0

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L007E6 LB 000007DE| L007FE LB 000007F6| L00820 LB 00000818
L00828 LB 00000820| L00838 LB 00000830| L00862 LB 0000085A
L0089C LB 00000894| L008A6 LB 0000089E| L008D2 LB 000008CA
L008DC LB 000008D4| L008FE LB 000008F6| L00928 LB 00000920
L00936 LB 0000092E| L0094E LB 00000946| L00966 LB 0000095E
L0096C LB 00000964| L00978 LB 00000970| L0097C LB 00000974
L00982 LB 0000097A| L0098C LB 00000984| L00992 LB 0000098A
L0099C LB 00000994| L009BE LB 000009B6| L009C4 LB 000009BC
L009CA LB 000009C2| L009D0 LB 000009C8| L009D6 LB 000009CE
L009E0 LB 000009D8| L00A00 LB 000009F8| L00A04 LB 000009FC
L00A20 LB 00000A18| L00A32 LB 00000A2A| L00A3C LB 00000A34
L00A42 LB 00000A3A| L00A4C LB 00000A44| L00A5C LB 00000A54
L00A68 LB 00000A60| L00A7E LB 00000A76| L00A82 LB 00000A7A
L00A9A LB 00000A92| L00ACE LB 00000AC6| L00AD2 LB 00000ACA
L00AE0 LB 00000AD8| L00B3C LB 00000B34| L00B40 LB 00000B38
L00BA2 LB 00000B9A| L00BC0 LB 00000BB8| L00BEC LB 00000BE4
L00BFA LB 00000BF2| L00C06 LB 00000BFE| L00C1C LB 00000C14
L00C2C LB 00000C24| L00C32 LB 00000C2A| L00C56 LB 00000C4E
L00C6C LB 00000C64| L00C7C LB 00000C74| L00C9A LB 00000C92
L00CE0 LB 00000CD8| L00CE6 LB 00000CDE| L00CEC LB 00000CE4
L00CF2 LB 00000CEA| L00CF8 LB 00000CF0| L00D02 LB 00000CFA
L00D22 LB 00000D1A| L00D26 LB 00000D1E| L00D46 LB 00000D3E
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L00D72 LB 00000D6A| L00D88 LB 00000D80| L00DD2 LB 00000DCA
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L00E42 LB 00000E3A| L00E72 LB 00000E6A| L00E7E LB 00000E76
L00EB8 LB 00000EB0| L00EEE LB 00000EE6| L00EFA LB 00000EF2
L00F2E LB 00000F26| L00F3A LB 00000F32| L00F5E LB 00000F56
L00F64 LB 00000F5C| L00F92 LB 00000F8A| L00FB0 LB 00000FA8
L00FCC LB 00000FC4| L00FD0 LB 00000FC8| L00FDA LB 00000FD2
L01004 LB 00000FFC| L0101C LB 00001014| L0103E LB 00001036
L0108A LB 00001082| L010AC LB 000010AA| L010D8 LB 000010D0
L01152 LB 0000114A| L011B6 LB 000011AE| L011CA LB 000011C2
L018EA LB 000018E2| L01936 LB 0000192E| L01940 LB 00001938
L0194C LB 00001944| L0195C LB 00001954| L0196A LB 00001962
L0198A LB 0000197C| L01998 LB 00001990| L019A0 LB 00001998
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L019D2 LB 000019CA| L019E2 LB 000019DA| L019ED LB 000019E5
L019F0 LB 000019E8| L01A62 LB 00001A5A| L01AF6 LB 00001AEE
L01B2E LB 00001B26| L01B70 LB 00001B68| L01BBE LB 00001BB6
L01BC2 LB 00001BBA| L01C26 LB 00001C1E| L01C76 LB 00001C6E
L01CAC LB 00001CA4| L01D2C LB 00001D24| L01D40 LB 00001D38
L01D56 LB 00001D4E| L01DFC LB 00001DF4| L01E24 LB 00001E1C
L01E42 LB 00001E3A| L01E50 LB 00001E48| L01E64 LB 00001E5C
L01EA8 LB 00001EA0| L01EE6 LB 00001EDE| L01EF4 LB 00001EEC
L01F06 LB 00001EFE| L01F34 LB 00001F2C| L01F50 LB 00001F48
L01F60 LB 00001F58| L01F88 LB 00001F80| L01F92 LB 00001F8A
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L024F6 LB 000024EE| L024FA LB 000024F2| L0251C LB 00002514
LISA.LLD PR -----| LLD.ENTR LB 00000054| LLD.INIT LB 00000000
LLD.MAIN LB 000024E2| LMOI70 AB 00000170| LMOI74 AB 00000174
LMO2A4 AB 000002A4| LMLTSCR AB 00000110| LMSCREEN AB 00000160
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NALARMOF AB 0000004E| NALARMRE AB 0000004C| NALARMRT AB 00000048
NALTKEYE AB 00000094| NALTKEYP AB 00000092| NALTSCRE AB 0000001A
NBEEP AB 00000032| NBSYDEL AB 00000088| NBSYIMA AB 00000086
NCONTRAS AB 0000001C| NCOPSSYN AB 000000AA| NCURSERI AB 00000070
NCURSORD AB 00000014| NCURSORH AB 00000010| NCURSORI AB 0000000E
NCURSORL AB 0000000A| NCURSORO AB 0000006E| NCURSORR AB 0000009C
NCURSORS AB 00000012| NCURSORT AB 0000000C| NDATETIM AB 00000050
NDATETOT AB 00000054| NDMIMCON AB 00000082| NDISKDR1 AB 00000068
NDISKSYN AB 0000006C| NDRIVER1 AB 00000000| NFADEDEL AB 00000022
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NKEYPUSH AB 00000042| NLEGENDS AB 00000096| NMICROTI AB 0000009A
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NMOUSETH AB 00000008| NMOUSEUP AB 00000004| NNMKEY AB 00000072
NNMISYNC AB 0000008C| NNOISE AB 0000002E| NPOLL AB 0000009E
NPOWERDO AB 00000028| NPOWERDO AB 00000026| NRAMPCON AB 00000020
NREPEATR AB 0000003E| NSCREENA AB 00000018| NSCREENK AB 0000008E
NSCREENAS AB 0000008A| NSETCONT AB 0000001E| NSETDATE AB 00000052
NSETDIMC AB 00000084| NSETFADE AB 00000024| NSETLEGE AB 00000098
NSETNMIX AB 00000074| NSETREPE AB 00000040| NSETSCRE AB 00000090
NSETTIME AB 0000005A| NSETTOGG AB 000000A2| NSETVOLU AB 0000002C
NSILENCE AB 00000030| NSYS_56 AB 00000056| NSYS_5E AB 0000005E

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MacComDisk:Lisa System.LLD.Asm.TEXT

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NSYS_60 AB 00000060| NSYS_62 AB 00000062| NSYS_64 AB 00000064  
NSYS_66 AB 00000066| NSYS_76 AB 00000076| NSYS_78 AB 00000078  
NSYS_7A AB 0000007A| NSYS_7C AB 0000007C| NSYS_7E AB 0000007E  
NSYS_80 AB 00000080| NSYS_A4 AB 000000A4| NSYS_A6 AB 000000A6  
NSYS_AC AB 000000AC| NSYS_AE AB 000000AE| NSYS_B0 AB 000000B0  
NSYS_B2 AB 000000B2| NTIMER AB 00000044| NTIMEST A AB 00000058  
NTIMETOD AB 0000005C| NTOGGLEK AB 000000A0| NTWIGGYD AB 0000006A  
NVOLUME AB 0000002A| SYSCALLT LB 0000005E|
```

```
Assembly complete:      3670 lines  
0 Warnings  
0 Errors
```

ASSEMBLY COMPLETE.