

General Information

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Assembler: Bibo Assembler

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00010          .LI OFF
00020 *****
00030 *
00040 * PROGRAMM:BOOT PROGRAMM LOAD*
00050 * AUTOR      :CARSTEN STROTMANN *
00060 * DATUM      :08.07.91          *
00070 * VERSION   :01                *
00080 * FUER      :PSC                *
00090 *
00100 *****
00110 ;
00120 BOTSEC      =      4
00130 BOOT        =      $9
00140 DOSVEC      =      $A
00150 DOSINI      =      $C
00160 RTCLOK      =      $12
00170 SDLSTL      =      $230
00180 COLOR0      =      $2C4
00190 COLOR1      =      $2C5
00200 COLOR2      =      $2C6
00210 COLOR3      =      $2C7
00220 COLOR4      =      $2C8
00230 DDEVIC      =      $300
00240 DUNIT       =      $301
00250 DCMND       =      $302
00260 DSTAT       =      $303
00270 DBUF        =      $304
00280 DTIMLO      =      $306
00290 DUBUSE      =      $307
00300 DBYT        =      $308
00310 DAUX        =      $30A
00320 ;
00330 PORTB       =      $D301
00340 SIOV        =      $E459
00350 ;
00360          .OR $9C00
00370          .TA $4000
00380 ;
00390 -----
00400 ;
00410 DSKBOOT
00420          .HX 00
00430          .DA #BOTSEC
00440          .DA DSKBOOT
00450          .DA INIT
00460 ;
00470 BOTCON
00480          CLC
00490          RTS
00500 -----
00510 PRGADR      .DA $0F80
00520 FIRSEC      .DA $0006
00530 CNTSEC      .DA $00FF
00540 PRGJMP      .DA $8844
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00550 -----
00560 DL          .HX 707070707070707070
00570          .HX 42
00580 TXTADR     .DA TXT
00590          .HX 60066002000200020002
00600          .HX 41
00610          .DA DL
00620 -----
00630 TXT        .AT " NOW LOADING...           "
00640          .AT "      my programm           "
00650          .AT " (c) my company             "
00660          .AT " Diskversion 2003 by my other company "
00670          .AT "-----"
00680          .AT "      Sectors to load :     "
00690 CNT        .AT "255                       "
00700 -----
00710 INIT
00720 ;          LDA #START
00730 ;          STA DOSVEC
00740 ;          LDA /START
00750 ;          STA DOSVEC+1
00760 ;          RTS
00770 ;
00780 START
00790          LDA PORTB
00800          ORA #1
00810          STA PORTB
00820 ;
00830          LDA #DL
00840          STA SDLSTL
00850          LDA /DL
00860          STA SDLSTL+1
00870 ;
00880          LDA #0
00890          STA COLOR4
00900          LDA #4
00910          STA COLOR2
00920          LDA #10
00930          STA COLOR1
00940          LDA #90
00950          STA COLOR0
00960 ;
00970 WAITVBI
00980          LDA RTCLOK+2
00990 .1        CMP RTCLOK+2
01000          BEQ .1
01010 ;
01020          LDA #$31
01030          STA DDEVIC
01040          LDA #$01
01050          STA DUNIT
01060          LDA #$52
01070          STA DCMND
01080          LDA #7
01090          STA DTIMLO
01100          LDA #$80
01110          STA DBYT
01120          LDA #0
01130          STA DUBUSE

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01140          STA DBYT+1
01150          LDA PRGADR
01160          STA DBUF
01170          LDA PRGADR+1
01180          STA DBUF+1
01190 ;
01200          LDA FIRSEC
01210          STA DAUX
01220          LDA FIRSEC+1
01230          STA DAUX+1
01240 ;
01250 SIOJMP   LDA #$40
01260          STA DSTAT
01270          JSR SIOV
01280 ;
01290 INCADR   LDA DBUF
01300          CLC
01310          ADC #$80
01320          STA DBUF
01330          BCC INCSEC
01340          INC DBUF+1
01350 INCSEC
01360          INC DAUX
01370          LDA DAUX
01380          BNE DECTXT
01390          INC DAUX+1
01400 ;
01410 DECTXT
01420          DEC CNT+2
01430          LDA CNT+2
01440          CMP #$0F
01450          BNE .1
01460          LDA #$19
01470          STA CNT+2
01480          DEC CNT+1
01490 .1
01500          LDA CNT+1
01510          CMP #$0F
01520          BNE .2
01530          LDA #$19
01540          STA CNT+1
01550          DEC CNT
01560 .2
01570          NOP
01580 DECCNT
01590          DEC CNTSEC
01600          LDA CNTSEC
01610          BNE NEWSEC
01620          DEC CNTSEC+1
01630 NEWSEC
01640          LDA CNTSEC+1
01650          BPL SIOJMP
01660 ;
01670          LDA PRGJMP+1
01680          PHA
01690          LDA PRGJMP
01700          PHA
01710          RTS
01720 -----

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