

Autor: ???

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Einsprung: \$ICE7

Kommentar: 30.04.1985, 31.04.1985 (lesen)

0800 00 01 20 6D 0B A2 05 A9 0A 0E
19.05, 21.05.85

0802 20 6D 0B JSR \$0B6D
0805 A2 05 LDX #05
0807 A9 20 LDA #20
0809 20 16 E7 JSR \$E716
080C CA DEX
080D D0 F8 BNE \$0807
080F 60 RTS

0810 42 12 75 LDX #2F } Doppel-Luit
0812 9A 08 A1 TXS
0813 20 08 42 JSR \$1462 PRIMM

0816 93 0D 01 0D D3 55 43 4B 0E NAME SUCK
081E 20 C3 4F 50 59 20 D6 31 COPY X1
0826 2E 30 21 0D 05 0D 01 09 0E MEMMAI
082E C6 49 58 45 44 20 42 59 FIXED BY
0836 20 CC 4F 52 44 20 C3 52 LORD CR
0846 12 12 12 12 12 12 12 12 RRRRRRRR
084E 92 0D 05 0D 0D 0D 0D 01 MEMMMMA
0856 03 3C 46 31 7E 01 03 D4 C<F1>ACI
085E 41 52 47 45 54 20 C4 45 ARGET TE
0866 56 49 43 45 20 CE 4F 2E VICE 0D
086E 20 3A 20 38 0D 00 A9 0D BM0PM
0876 20 A0 11 20 62 14 01 03 0E LTAC
087E 3C 46 37 3E 01 03 D3 54 <F7>ADMT
0886 41 52 54 20 C3 4F 50 59 ART -OPY
088E 00 A5 9B 29 7F 8D B6 05 01 +) -E

088F A5 9B LDA #9B Ziellaufwerk
0891 29 7F AND #7F Bit #7 löschen
0893 8D 86 05 STA \$0586 auf Bildschirm
0896 20 66 12 JSR \$1266 Taste holen
0899 C9 85 CMP #85 F1?
089B D0 08 BNE \$08A5 nein
08A5 A5 9B LDA #9B } auf "g"
08AF 49 81 EOR #81 } ausschalten
08B1 85 9B STA #9B }
08B3 D0 EA BNE \$08BF unbed.
08B5 20 42 12 JSR \$1242 auf Dir & Command testen
08B8 90 03 BCC \$08AD wenn's nicht
08BA 4C 10 08 JMP \$0B10 Neustart
08BD C9 88 CMP #88 F7, Copy?
08BF D0 E5 BNE \$0896 nein, dann nächste Taste
08C1 A9 08 LDA #08 Gerät := 8
08C3 85 BA STA #BA
08C5 20 62 14 JSR \$1462 Anleitung drucken

08C8 93 0D 01 05 D5 53 45 20 0E USE
08D0 3C 43 52 53 52 20 55 50 <CRSR UP
08D8 2F 44 4F 57 4E 3E 20 D4 /DOWN> T
08E0 4F 20 D3 43 52 4F 4C 4C 0 SCROLL
08E8 0D 3C 52 45 54 3E 20 D3 0E RET> S
08F0 4C 45 20 20 20 3C 44 45 LE <DE
08F8 4C 3E 20 D3 54 41 52 54 L> START

08FB 20 4F 56 45 52 20 0D 01 OVER 0A
0900 0B 3C 73 70 61 63 65 3E 0E SPACE
0908 20 D3 54 41 52 54 20 C3 0E START
0910 4F 50 59 05 00 0E OPV 0E

0915 A0 00 LDY #00
0917 20 CD 12 JSR \$12CD Floppyprog übertragen
091A A9 12 LDA #12 Track 18
091C 85 53 STA #53
091E 20 51 0F JSR \$0F51 lesen
0921 20 CD 14 JSR \$14CD O senden
0924 A9 37 LDA #37 } ROMan
0926 85 01 STA #01
0928 A2 05 LDX #05 ab Zeile 5
092A 20 56 0C JSR \$0C56 Screen löschen
092D 78 SEI
092E E6 01 INC #01 #38
0930 A9 60 LDA #60
0932 85 B1 STA #B1
0934 A9 00 LDA #00
0936 85 50 STA #50
0938 85 B0 STA #B0
093A A2 01 LDX #01 Sektor #1
093C B5 02 LDA #02, Fehler?
093E 10 05 BPL \$0945 nein
0940 C6 01 DEC #01 #37
0942 4C 10 08 JMP \$0B10 Neustart
0945 8A TXA Sektornummer
0946 18 CLC
0947 49 EB ADC #EB + Buffer-Header
0949 85 AA STA #AA
094B A9 02 LDA #02 low-Byte 2
094D 85 A9 STA #A9
094F A0 00 LDY #00
0951 B1 A9 LDA (\$A9), Y Byte holen
0953 10 1F BPL \$0974 Filetyp gelöscht
0955 29 0F AND #0F untere 4 Bits?
0957 F0 1B BEQ \$0974 ja
0959 B1 A9 LDA (\$A9), Y Byte nochmal
095B C0 1E CPY #1E
095D 70 02 BCC \$0961
095F A9 00 LDA #00
0961 91 B0 STA (\$B0), Y
0963 C8 INY
0964 C0 20 CPY #20
0966 D0 F1 BNE \$0959
0968 E6 50 INC #50
096A 98 TYA
096B 18 CLC
096C 65 B0 ADC #B0
096E 85 B0 STA #B0
0970 70 02 BCC \$0974
0972 E6 B1 INC #B1
0974 A5 A9 LDA #A9
0976 18 CLC
0977 69 20 ADD #20 \$20 Bytes weiter,
0979 85 A9 STA #A9 nachdes File
097B 70 02 BCC \$094F
097D A0 00 LDY #00
097F B4 A9 STY #A9

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0981 B1 A9 LDA ($A9), Y nächster Track
0983 F0 0A BEQ $098F File zu Ende
0985 E9 12 CMP #$12 Track 12?
0987 D0 06 BNE $098F nein
0989 C8 INY
098A B1 A9 LDA ($A9), Y Sektor
098C AA TAX nach X
098D D0 AD BNE $093C
098F C6 01 DEC $01
0991 58 CLI
0992 84 4F STY $4F
0994 84 F7 STY $F7
0996 84 FB STY $FB
0998 AD B6 02 LDA $02B6
099B 99 C8 D8 STA $D8C8, Y
099E 99 C8 D9 STA $D9C8, Y
09A1 C8 INY
09A2 D0 F7 BNE $099B
09A4 A9 1B LDA #$1B
09A6 B5 AA STA $AA
09A8 A9 2F LDA #$2F
09AA 95 A9 STA $A9
09AC A5 50 LDA $50
09AE F0 4C BEQ $09FC Neustart
09B0 A9 1E LDA #$1E
09B2 B5 9E STA $9E
09B4 A9 03 LDA #$03
09B6 B5 9F STA $9F
09BB A9 1C LDA #$1C
09BA B5 AB STA $AB
09BC A2 0D LDX #$0D
09BE 20 0C E5 JSR $E50C Cursor setzen
09C1 20 63 0C JSR $0C63 CR
09C4 A5 F7 LDA $F7
09C6 20 FE 0A JSR $0AFE Filenamern drucken
09C9 E4 F7 INC $F7
09CB A5 F7 LDA $F7
09CD C9 0B CMP #$0B
09CF B0 04 BCS $09D5
09D1 C5 50 CMP $50
09D3 90 EC BCC $09C1
09D5 C6 50 DEC $50
09D7 A9 A0 LDA #$A0
09D9 A2 00 LDX #$00
09DB 20 75 0A JSR $0A75 Bildraster einlesen
09DE 20 66 12 JSR $1266 auf Taste warten
09E1 C9 91 CMP #$91
09E3 F0 22 BEQ $0A07
09E5 C9 11 CMP #$11
09E7 F0 24 BEQ $0A0D
09E9 C9 14 CMP #$14
09EB D0 03 BNE $09F0
09ED 4C 2B 09 JMP $092B
09F0 C9 0D CMP #$0D
09F2 F0 1F BEQ $0A13
09F4 C9 20 CMP #$20 SPACE
09F6 D0 E6 BNE $09DE nein
09FB A5 FB LDA $FB File ausgewählt
09FA D0 03 BNE $09FF
09FC 4C 10 08 JMP $0810 erneut Neustart
09FF A9 00 LDA #$00
0A01 20 62 0A JSR $0A62

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0A04 4C 6B 0C JMP $0C6B
0A07 20 9F 0A JSR $0A9F
0A0A 4C D7 09 JMP $09D7
0A0D 20 CD 0A JSR $0ACD
0A10 4C D7 09 JMP $09D7
0A13 A5 4F LDA $4F
0A15 20 8A 0A JSR $0A8A
0A18 A0 1E LDY #$1E
0A1A B1 B0 LDA ($B0), Y
0A1C D0 39 BNE $0A57
0A1E E6 FB INC $FB
0A20 A5 FB LDA $FB
0A22 91 B0 STA ($B0), Y
0A24 A0 00 LDY #$00
0A26 20 5A 0A JSR $0A5A
0A29 A0 13 LDY #$13
0A2B 20 5A 0A JSR $0A5A
0A2E A0 1C LDY #$1C
0A30 20 5A 0A JSR $0A5A
0A33 20 5A 0A JSR $0A5A
0A36 8A TXA
0A37 20 62 0A JSR $0A62
0A3A A0 02 LDY #$02
0A3C 2C B1 B0 BIT $B0B1
0A3F C9 A0 CMP #$A0
0A41 F0 09 BEQ $0A4C
0A43 20 62 0A JSR $0A62
0A46 E0 13 CPY #$13
0A4B D0 F3 BNE $0A3D
0A4A A9 A0 LDA #$A0
0A4C 20 62 0A JSR $0A62
0A4F A2 0E LDX #$0E
0A51 20 0C E5 JSR $E50C
0A54 20 0E 0B JSR $0B0E
0A57 4C 0D 0A JMP $0A0D
0A5A 20 60 0A JSR $0A60
0A5D 20 60 0A JSR $0A60
0A60 B1 B0 LDA ($B0), Y
0A62 0A 0A 0A LDX #$00
0A64 B1 A9 STA ($A9, X)
0A66 E6 A9 INC $A9
0A68 D0 02 BNE $0A6C
0A6A E6 AA INC $AA
0A6C CB INY
0A6D 60 RTS
0A6E B5 FB STA $FB
0A70 B5 FA STA $FA
0A72 A9 00 LDA #$00
0A74 AA TAX
0A75 BD 30 06 LDA $0630, X
0A78 49 B0 EOR #$B0
0A7A 9D 30 06 STA $0630, X
0A7D E8 INX
0A7E E0 28 CPX #$28
0A80 D0 F3 BNE $0A75
0A82 EA NOP
0A83 A9 CB LDA #$CB
0A85 A2 03 LDX #$03
0A87 A0 F0 LDY #$F0
0A89 60 RTS
0A8A A2 60 LDX #$60

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Filenamendruckern

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0A8C AB TAY
0A8D F0 0B BEQ $0A9A
0A8F A9 00 LDA #$00
0A91 18 CLC
0A92 69 20 ADC #$20
0A94 90 01 BCC $0A97
0A96 E8 INX
0A97 88 DEY
0A98 D0 F7 BNE $0A91
0A9A 85 B0 STA $B0
0A9C 86 B1 STX $B1
0A9E 60 RTS
0A9F A5 4F LDA $4F
0AA1 F0 29 BEQ $0ACC
0AA3 A9 06 LDA #$06
0AA5 20 6E 0A JSR $0A6E
0AA8 85 F7 STA $F7
0AAA 84 F9 STY $F9
0AAC A0 F7 LDY #$F7
0AAE B1 F7 LDA ($F7),Y
0AB0 91 F9 STA ($F9),Y
0AB2 88 DEY
0AB3 C0 FF CPY #$FF
0AB5 D0 F7 BNE $0AAE
0AB7 C6 F8 DEC $F8
0AB9 C6 FA DEC $FA
0ABB CA DEX
0ABC D0 F0 BNE $0AAE
0ABE A2 05 LDX #$05
0AC0 20 C5 14 JSR $14C5
0AC3 C6 4F DEC $4F
0AC5 A5 4F LDA $4F
0AC7 38 SEC
0AC8 E9 09 SBC #$09
0ACA B0 32 BCS $0AFE
0ACC 60 RTS
0ACD A5 4F LDA $4F
0ACF C5 50 CMP $50
0AD1 F0 F9 BEQ $0ACC
0AD3 A9 04 LDA #$04
0AD5 20 6E 0A JSR $0A6E
0ADB 85 F9 STA $F9
0ADA 84 F7 STY $F7
0ADC A0 00 LDY #$00
0ADE B1 F7 LDA ($F7),Y
0AE0 91 F9 STA ($F9),Y
0AE2 CB INY
0AE3 D0 F9 BNE $0ADE
0AE5 E6 F8 INC $F8
0AE7 E6 FA INC $FA
0AE9 CA DEX
0AEA D0 F2 BNE $0ADE
0AEC A2 18 LDX #$18
0AEE 20 C5 14 JSR $14C5
0AF1 E6 4F INC $4F
0AF3 A5 4F LDA $4F
0AF5 18 CLC
0AF6 69 0A ADC #$0A
0AF8 C5 50 CMP $50
0AFA F0 02 BEQ $0AFE
0AFC B0 CE BCS $0AEC
0AFE 20 BA 0A JSR $0ABA

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0B01 20 BF 0B JSR $0BBF 2 Bytes holen
0B03 20 BF 0B JSR $0BBF 2 Bytes holen
0B06 86 A7 STX $A7
0B08 85 AB STA $AB
0B0A A5 D6 LDA $D6
0B0C 85 B6 STA $B6
0B0E A9 05 LDA #$05
0B10 85 D3 STA $D3
0B12 85 D4 STA $D4
0B14 A4 9E LDY $9E
0B16 20 BF 0B JSR $0BBF 2 Bytes holen
0B19 20 02 0B JSR $0B02
0B1C A9 0E LDA #$0E
0B1E 84 53 STY $53
0B20 A4 9F LDY $9F
0B22 A2 10 LDX #$10
0B24 B1 B0 LDA ($B0),Y
0B26 C9 A0 CMP #$A0
0B28 F0 13 BEQ $0B3D
0B2A C9 0D CMP #$0D
0B2C F0 04 BEQ $0B32
0B2E C9 8D CMP #$8D
0B30 D0 02 BNE $0B34
0B32 A9 1F LDA #$1F
0B34 20 16 E7 JSR $E716
0B37 E6 DB INC $DB
0B39 CB INY
0B3A CA DEX
0B3B D0 E7 BNE $0B24
0B3D A9 20 LDA #$20
0B3F 85 D3 STA $D3
0B41 20 04 0C JSR $0C04
0B44 84 D4 STY $D4
0B46 29 07 AND #$07
0B48 C9 05 CMP #$05
0B4A 90 02 BCC $0B4E
0B4C A9 03 LDA #$03
0B4E AA TAX
0B4F BD B2 0B LDA $0BB2,X
0B52 20 16 E7 JSR $E716
0B55 BD B6 0B LDA $0BB6,X
0B58 20 16 E7 JSR $E716
0B5B BD BA 0B LDA $0BBA,X
0B5E 20 16 E7 JSR $E716
0B61 A9 09 LDA #$09
0B63 85 D3 STA $D3
0B65 A4 AB LDY $AB
0B67 20 BF 0B JSR $0BBF 2 Bytes holen
0B6A A0 20 LDY #$20
0B6C 2C A0 2E BIT $2EA0
0B6F 2C A0 FF BIT $FFA0
0B72 86 FC STX $FC
0B74 85 FD STA $FD
0B76 A2 02 LDX #$02
0B78 A9 FF LDA #$FF
0B7A 85 FE STA $FE
0B7C C9 2E CMP #$2E
0B7E F0 02 BEQ $0B82
0B80 84 FF STY $FF
0B82 A5 FC LDA $FC
0B84 38 SEC

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,OB85 FD B0 0B SBC $OB80,X
,OB88 B0 06 BCS $OB90
,OB8A A4 FD LDY $FD
,OB8C F0 0A BEQ $OB98
,OB8E C6 FD DEC $FD
,OB90 B5 FC STA $FC
,OB92 E6 FE INC $FE
,OB94 F0 FC BEQ $OB92
,OB96 D0 EA BNE $OB82
,OB98 A5 FE LDA $FE
,OB9A 09 30 ORA ##30
,OB9C 10 05 BPL $OBA3
,OB9E A5 FF LDA $FF
,OBA0 30 04 BMI $OBAB
,OBA2 2C B4 FE BIT $FE84
,OBA5 20 16 E7 JSR $E716
,OBA8 A0 30 LDY ##30
,OBA A CA DEX
,OBAB F0 CF BEQ $OB7C
,OBAD 10 D3 BPL $OB82
,OBAF 60 RTS

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,OB80 01 0A 64 53 50 44 52 45 AJ SPDRE
,OB88 52 45 45 51 47 4C 4C B1 REEQGLE

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,OB8F UCK 10BA2 LDA ($B0),Y
,OBC1 AA TAX
,OBC2 C8 INY
,OBC3 B1 B0 LDA ($B0),Y
,OBC5 60 RTS
,OBC6 JSR 10CBF STA ($B0),Y Akku ablegen
,OBCB BA TXA
,OBC9 C8 INY
,OBCA 91 B0 STA ($B0),Y x ablegen
,OBC C 60 RTS

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,OBCE E6 A7 INC $A7
,OBCF D0 02 BNE $OBD3
,OBD1 E6 A8 INC $A8
,OBD3 A0 07 LDY #$07
,OBD5 B1 D1 LDA ($D1),Y
,OBD7 18 CLC
,OBD8 69 01 ADC #$01
,OBDA C9 30 CMP ##30
,OBDC 90 0E BCC $OBEC
,OBDE C9 3A CMP ##3A
,OBEO 90 0C BCC $OBEE
,OB E2 A9 30 LDA ##30
,OB E4 91 D1 STA ($D1),Y
,OB E6 B8 DEY
,OB E7 C0 04 CPY ##04
,OB E9 D0 EA BNE $OBD5
,OBEB 60 RTS
,OBEC A9 31 LDA ##31
,OBEE 91 D1 STA ($D1),Y
,OBFO 60 RTS
,OBF1 A0 0E LDY #$0E
,OBF3 B1 B0 LDA ($B0),Y
,OBF5 C8 INY
,OBF6 C9 A0 CMP ##A0
,OBFB D0 F9 BNE $OBF3

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,OBFA 98 TYA
,OBFB 18 CLC
,OBFC 65 B0 ADC $B0
,OBFE B5 B0 STA $B0
,OC00 90 02 BCC $OC04
,OC02 E6 B1 INC $B1
,OC04 JSR 10CB1 LDY #$00
,OC06 B1 B0 LDA ($B0),Y Byte holen
,OC08 60 RTS
,OC09 JSR 10CB3 LDA ##$0B6 Geräteadresse 8
,OC0B B5 BA STA $BA
,OC0D 20 62 14 JSR $1462 "LOAD"

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,OC10 93 0D 01 10 CD 4F 41 44 JSR 10CB4 LOAD
,OC1B 00 JSR 10CB5 10CB6 10CB7 10CB8 10CB9 10CBA 10CBB 10CBC 10CBD 10CBE 10CBF

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,OC19 A9 00 LDA #$00
,OC1B F0 13 BEQ $OC30
,OC1D A5 9B LDA $9B Ziel
,OC1F 29 0F AND ##0F
,OC21 B5 BA STA $BA ablegen
,OC23 20 62 14 JSR $1462 "SAV"

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```

,OC26 93 0D 01 10 D3 41 56 00 JSR 10CB4 SAV

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,OC2E A9 0E LDA ##0E
,OC30 48 PHA
,OC31 20 62 14 JSR $1462 "IN6"

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,OC34 49 4E 47 05 0D 0D 05 00 INGE JSR 10CB4

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,OC3C 20 98 13 JSR $1398
,OC3F 20 96 13 JSR $1396
,OC42 D0 07 BCS $OC4B
,OC44 8B PLA
,OC45 A8 TAY
,OC46 20 CD 12 JSR $12CD
,OC49 90 13 BCC $OC5E
,OC4B 4C 3E 0E JMP $OE3E
,OC4E A5 D6 LDA $D6
,OC50 C9 1B CMP ##1B
,OC52 D0 0F BNE $OC63
,OC54 A2 06 LDX ##06
,OC56 JSR 10CB4 JSR $E9FF Zeile löschen
,OC59 E8 INX
,OC5A E0 19 CPX ##19 schon 25
,OC5C 90 F8 BCC $OC56 kleiner
,OC5E A2 05 LDX ##05 LOCATE nach Zeile 5
,OC60 20 0C E5 JSR $E50C und
,OC63 JSR 10CB4 LDA ##0D CR
,OC65 JSR 10CB4 JMP $E716 ausgabe
,OC68 JSR 10CB4 LDA ##1B
,OC6A B5 B5 STA $B5
,OC6C A9 2F LDA ##2F
,OC6E B5 B4 STA $B4

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Screen-Teil löschen

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0C70 A9 0C LDA #$0C
0C72 85 9E STA $9E
0C74 A9 0E LDA #$0E
0C76 85 9F STA $9F
0C78 A9 06 LDA #$06
0C7A 85 AB STA $AB
0C7C D0 21 BNE $0C9F
0C7E 24 9B BIT $9B
0C80 30 1D BMI $0C9F
0C82 20 62 14 JSR $1462

0C85 04 0D 01 0A C9 4E 53 45 DMAI INSE
0C8D 52 54 20 D3 4F 55 52 43 RT SOURCE
0C95 45 20 C4 49 53 4B 00 20 E DISK0

0C9C 20 66 12 JSR $1266 Table
0C9F A5 AA LDA $AA
0CA1 85 AF STA $AF
0CA3 A5 A9 LDA $A9
0CA5 85 AE STA $AE
0CA7 A5 B4 LDA $B4
0CA9 85 B0 STA $B0
0CAB 85 B2 STA $B2
0CAD A5 B5 LDA $B5
0CAF 85 B1 STA $B1
0CB1 85 B3 STA $B3
0CB3 20 09 0C JSR $0C09 LOADING
0CB6 20 01 0B JSR $0B01 Dateinamen angeben
0CB9 A0 0B LDY #$0B
0CBB A5 AE LDA $AE
0CBD A6 AF LDX $AF
0CBF 20 C6 0B JSR $0BC6 1/2 ablegen
0CC2 A0 01 LDY #$01
0CC4 20 BF 0B JSR $0BBF 2 Bytes holen
0CC7 86 53 STX $53
0CC9 85 54 STA $54
0CCB 20 49 0E JSR $0E49 lesen
0CCE 90 1B BCC $0CEB OK
0CD0 20 DF 11 JSR $11DE Fehlerbehandlung
0CD3 80 04 BCS $0CD9
0CD5 91 B0 STA ($B0),Y
0CD7 F0 60 BEQ $0D39
0CD9 0B PHP
0CDA 20 09 0C JSR $0C09
0CDD A0 0B LDY #$0B
0CDF 20 BF 0B JSR $0BBF
0CE2 96 AE STX $AE
0CE4 85 AF STA $AF
0CE6 2B PLP
0CE7 B0 CD BCS $0CEB
0CE9 90 3D BCC $0D27
0CEB F0 1C BEQ $0D09
0CED 20 54 14 JSR $1454
0CF0 20 04 0C JSR $0C04 Byte holen
0CF3 29 7F AND #$7F
0CF5 91 B0 STA ($B0),Y
0CF7 0B INY
0CF8 A5 A7 LDA $A7
0CFA 85 BE STA $BE
0CFC A5 AB LDA $AB

0CFE 85 BF STA $BF
0D00 A5 53 LDA $53
0D02 A6 54 LDX $54
0D04 20 C6 0B JSR $0BC6 2 Bytes ablegen
0D07 D0 12 BNE $0D1B
0D09 A0 03 LDY #$03
0D0B B1 B0 LDA ($B0),Y
0D0D F0 05 BEQ $0D14
0D0F 20 DA 0E JSR $0EDA
0D12 B0 BC BCS $0CD0
0D14 20 04 0C JSR $0C04
0D17 09 B0 ORA #$B0
0D19 91 B0 STA ($B0),Y
0D1B A0 0A LDY #$0A
0D1D A5 AE LDA $AE
0D1F A6 AF LDX $AF
0D21 20 C6 0B JSR $0BC6
0D24 20 4E 0C JSR $0C4E
0D27 20 04 0C JSR $0C04
0D2A 10 0A BFL $0D3B
0D2C 20 F1 0B JSR $0BF1
0D2F 10 05 BFL $0D3B
0D31 A4 AF LDY $AF
0D33 C8 INY
0D34 D0 B0 BNE $0CB6
0D36 20 CD 14 JSR $14CD
0D39 A6 B0 LDX $B0
0D3B A4 B1 LDY $B1
0D3D C4 B5 CPY $B5
0D3F B4 B5 STY $B5
0D41 D0 0C BNE $0D4F
0D43 E4 B4 CPX $B4
0D45 D0 08 BNE $0D4F
0D47 20 04 0C JSR $0C04
0D4A D0 03 BNE $0D4F
0D4C 4C 3E 0E JMP $0E3E
0D4F 86 B4 STX $B4
0D51 24 9B BIT $9B
0D53 30 22 BMI $0D77
0D55 20 62 14 JSR $1462

0D58 04 0D 01 09 20 20 69 4E DMAI -N
0D60 53 45 52 54 20 74 41 52 SERT IAR
0D68 47 45 54 20 64 49 53 4B GET -ISK
0D70 21 20 20 00 20 66 12 A6 ! 3 -R

0D74 20 66 12 JSR $1266 Table
0D77 A6 B2 LDX $B2
0D79 A4 B3 LDY $B3
0D7B 86 B0 STX $B0
0D7D 84 B1 STY $B1
0D7F 20 1D 0C JSR $0C1D SAVING
0D82 20 04 0C JSR $0C04 Byte holen
0D85 0A ASL
0D86 F0 51 BEQ $0DD9
0D88 20 01 0B JSR $0B01 Filenamen durchsuchen
0D8B 20 9C 0F JSR $0F9C Track schreiben
0D8E B0 10 BCS $0DA0
0D90 20 04 0C JSR $0C04
```

```

,OD93 10 29 BPL $0DBE
,OD95 A0 03 LDY #$03
,OD97 B1 B0 LDA ($B0),Y
,OD99 F0 26 BEQ $0DC1
,OD9B 20 38 10 JSR $103B
,OD9E 90 21 BCC $0DC1
,ODA0 A5 02 LDA $02
,ODA2 0A ASL
,ODA3 45 03 EOR $03
,ODA5 C9 5F CMP #$5F
,ODA7 F0 07 BEQ $0DB0
,ODA9 A9 6F LDA #$6F
,ODAB A2 53 LDX #$53
,ODAD 20 3C 13 JSR $133C
,ODB0 20 E2 11 JSR $11E2
,ODB3 F0 36 BEQ $0DEB
,ODB5 08 PHP
,ODB6 20 1D 0C JSR $0C1D
,ODB9 28 PLP
,ODBA B0 CC BCS $0DBE
,ODBC 90 16 BCC $0DD4
,ODBE 20 54 14 JSR $1454
,ODC1 20 CD 14 JSR $14CD
,ODC4 20 04 0C JSR $0C04
,ODC7 20 D3 14 JSR $14D3
,ODCA A0 04 LDY #$04
,ODCC 20 2C 13 JSR $132C
,ODCF B0 CF BCS $0DA0
,ODD1 20 4E 0C JSR $0C4E
,ODD4 20 04 0C JSR $0C04
,ODD7 10 12 BPL $0DEB
,ODD9 20 F1 0B JSR $0BF1
,ODDC F0 0D BEQ $0DEB
,ODDE 10 AB BPL $0DBE
,ODE0 38 SEC
,ODE1 A5 B0 LDA $B0
,ODE3 E5 B4 SBC $B4
,ODE5 A5 B1 LDA $B1
,ODE7 E5 B5 SBC $B5
,ODE9 90 97 BCC $0DB2
,ODEB 24 9B BIT $9B
,ODED 30 3B BMI $0E2A
,ODEF 20 62 14 JSR $1462

```

```

,ODE2 04 0D 01 05 20 20 20 72 DMAE
,ODFA 45 50 45 41 54 20 73 41 EPEAT WA
,OE02 56 45 20 3F 3F 20 3C 46 VE ?? <F
,OE0A 31 3E 20 D9 45 53 0D 01 1> IESMA
,OE12 16 20 3C 46 33 3E 20 CE V <F3>
,OE1A 4F 00 20 66 12 D9 B6 F0 00 -R-

```

```

,OE1C 20 66 12 JSR $1266
,OE1F C9 B6 CMP #$B6
,OE21 F0 07 BEQ $0E2A
,OE23 C9 B5 CMP #$B5
,OE25 D0 F5 BNE $0E1C
,OE27 4C 51 0D JMP $0D51
,OE2A A0 00 LDY #$00
,OE2C B1 B4 LDA ($B4),Y
,OE2E 30 0B BMI $0E3B

```

```

,OE30 F0 0C BEQ $0E3E
,OE32 A5 BE LDA $BE
,OE34 A6 BF LDX $BF
,OE36 A0 0C LDY #$0C
,OE38 20 C6 0B JSR $0BC6
,OE3B 4C 7E 0C JMP $0C7E
,OE3E 20 62 14 JSR $1462

```

```

,OE41 03 00 20 4B 12 4C 10 0B C0 KRLPH

```

```

,OE43 20 4B 12 JSR $124B
,OE46 4C 10 0B JMP $0B10
,OE49 JSR $0CCB SET
,OE4A 20 51 0F JSR $0F51 Track 16007
,OE4D A5 AF LDA $AF
,OE4F C9 EA CMP #$EA
,OE51 B0 36 BCS $0EB9
,OE53 A6 54 LDX $54
,OE55 BA TXA
,OE56 1B CLC
,OE57 69 EB ADD #$EB
,OE59 B5 F8 STA $F8
,OE5B A0 FE LDY #$FE
,OE5D B5 02 LDA $02,X
,OE5F 10 0A BPL $0E6B
,OE61 A5 54 LDA $54
,OE63 09 40 ORA #$40
,OE65 20 D3 14 JSR $14D3
,OE68 3B SEC
,OE69 B0 64 BCS $0ECF
,OE6B D0 03 BNE $0E70
,OE6D B4 17 LDY $17,X
,OE6F 8B DEY
,OE70 9B TYA
,OE71 AA TAX
,OE72 20 25 0F JSR $0F25
,OE75 B0 55 BCS $0E0C
,OE77 A6 54 LDX $54
,OE79 B5 17 LDA $17,X
,OE7B B5 54 STA $54
,OE7D B5 02 LDA $02,X
,OE7F F0 4D BEQ $0ECE
,OE81 C5 53 CMP $53
,OE83 B5 53 STA $53
,OE85 F0 C6 BEQ $0E4D
,OE87 D0 C1 BNE $0E4A
,OE89 A5 53 LDA $53
,OE8B 09 80 ORA #$80
,OE8D 20 D3 14 JSR $14D3
,OE90 A5 54 LDA $54
,OE92 20 EF 03 JSR $03EF
,OE95 36 CA BMI $0E61
,OE97 20 30 03 JSR $0330
,OE9A 10 06 BPL $0EA2
,OE9C 20 D1 14 JSR $14D1
,OE9F 4C 61 0E JMP $0E61
,OEAA A2 FE LDX #$FE
,OEAA AD 00 02 LDA $0200
,OEAA D0 04 BNE $0EAD

```

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OEAA	AE	01	02	LDX	#0201
OEAC	CA			DEX	
OEAD	20	25	0F	JSR	#0F25
OEBO	BD	17		BCS	#0ECL9
OEBS	AD	01	02	LDA	#0201
OEBS	85	54		STA	#54
OEBS	AD	00	02	LDA	#0200
OEBA	C5	53		CMP	#53
OEBC	85	53		STA	#53
OEBS	F0	D0		BEQ	#0E90
OECD	20	D1	14	JSR	#14D1
OECS	A5	53		LDA	#53
OECS	D0	C2		BNE	#0E89
OECL	F0	05		BEQ	#0ECE
OECD	20	D1	14	JSR	#14D1
OECC	A9	80		LDA	#80
OECE	18			CLC	
OECL	08			PHR	
OECD	A2	37		LDX	#37
OECD	86	01		STX	#01
OECD	20	09	0F	JSR	#0F09
OE	28			PLP	
OEBS	58			CLI	
OECD	60			RTS	
OECD	78			SEI	
OEBS	09	80		ORA	#80
OECD	20	D3	14	JSR	#14D3
OEEO	C8			INY	
OEEO	B1	80		LDA	(\$B0), Y
OEEO	85	54		STA	#54
OEEO	20	EF	03	JSR	#03EF
OEEO	30	B5		BMI	#0E9F
OEEO	20	30	03	JSR	#0330
OEEO	30	AD		BMI	#0E9C
OEEO	20	D1	14	JSR	#14D1
OEEO	A2	04		LDX	#04
OEEO	BD	00	02	LDA	#0200, X
OEEO	F0	07		BEQ	#0F00
OEEO	20	CD	0B	JSR	#0BCD
OEEO	E8			INX	
OEEO	E8			INX	
OEEO	D0	F4		BNE	#0EF4
OEEO	A0	03		LDY	#03
OEEO	8A			TXA	
OEEO	38			SEC	
OEEO	E9	04		SBC	#04
OEEO	4A			LSR	
OEEO	91	80		STA	(\$B0), Y
OEEO	8C	04852		LDX	#0B
OEEO	BD	19	0F	LDA	#0F19, X
OEEO	9D	85	02	STA	#0285, X
OEEO	CA			DEX	
OEEO	D0	F7		BNE	#0F0B
OEEO	8E	A1	02	STX	#02A1, 0
OEEO	58			CLI	
OEEO	18			CLC	
OEEO	60			RTS	

0F25	A9 02	LDA ##02
0F27	85 F7	STA \$F7
0F29	BA	TXA
0F2A	1B	CLC
0F2B	65 AE	ADC \$AE
0F2D	90 05	BCC \$0F34
0F2F	A4 AF	LDY \$AF
0F31	CB	INY
0F32	F0 1C	BEQ \$0F50
0F34	C6 01	DEC \$01
0F36	A0 00	LDY ##00
0F3B	B1 F7	LDA (\$F7), Y
0F3A	91 AE	STA (\$AE), Y
0F3C	CB	INY
0F3D	CA	DEX
0F3E	D0 FB	BNE \$0F3B
0F40	E6 01	INC \$01
0F42	9B	TYA
0F43	1B	CLC
0F44	65 AE	ADC \$AE
0F46	B5 AE	STA \$AE
0F4B	90 02	BCC \$0F4C
0F4A	E6 AF	INC \$AF
0F4E	20 BD 0B	JSR \$0BCD
0F4F	1B	CLC
0F50	60	RTS
0F51	Rev. 08AE	LDX ##35 } Re
0F53	B6 01	STX \$01 } w
0F55	20 0F 11	JSR \$110F } ?
0F5B	A5 53	LDA \$53 Tra
0F5A	20 D3 14	JSR \$14D3 s
0F5D	20 40 01	JSR \$0140 By
0F60	30 EE	BMI \$0F50 2
0F62	85 52	STA \$52 Byte
0F64	1B	CLC
0F65	69 EB	ADC ##EB
0F67	20 32 03	JSR \$0332 ?
0F6A	30 F1	BMI \$0F5D
0F6C	A6 52	LDX \$52
0F6E	B1 F7	LDA (\$F7), Y
0F70	29 7F	AND ##7F
0F72	95 02	STA \$02, X
0F74	C8	INY
0F75	B1 F7	LDA (\$F7), Y
0F77	95 17	STA \$17, X
0F79	A5 53	LDA \$53 Track
0F7B	C9 12	CMP ##12 = 1
0F7D	F0 DE	BEQ \$0F5D ja
0F7F	A6 54	LDX \$54
0F81	D5 02	CMP \$02, X
0F83	00 D8	BNE \$0F5D
0F85	A5 AF	LDA \$AF
0F87	C9 EA	CMR ##EA
0F89	B0 D2	BCS \$0F5D
0F8B	B5 17	LDA \$17, X
0F8D	B5 54	STA \$54 set
0F8F	BA	TXA
0F90	1B	CLC
0F91	69 EB	ADC ##EB
0F93	B5 F8	STA \$F8

Track lesen

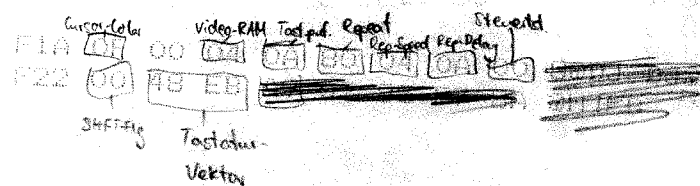
Track-Nr.

Byte holen

Byte ablegen

Betriebssystem-
Variablen
kopieren

sektor-Nr.



0F95 A2 FE	LDX #FE	
0F97 20 25 0F	JSR \$0F25	unkopieren
0F9A 90 C1	BCC \$0F5D	unbedingt!
0F9C A0 08	LDY #08	sehr wichtig
0F9E B1 B0	LDA (\$B0),Y	
0FA0 99 A4 0C	STA \$00A4,Y	
0FA3 C8	INY	
0FA4 C0 0C	CPY #0C	
0FA6 D0 F6	BNE \$0F9E	
0FAB B1 B0	LDA (\$B0),Y	
0FAA D0 0C	BNE \$0FB8	
0FAC A9 F1	LDA #F1	
0FAE A2 30	LDX #30	
0FB0 20 3C 13	JSR \$133C	
0FB3 B0 9B	BCS \$0F50	
0FB5 A0 00	LDY #00	
0FB7 2C A0 02	BIT \$02	204#02
0FBA 20 2C 13	JSR \$132C	
0FBD B0 91	BCS \$0F50	RTS
0FBF A0 07	LDY #07	\$1813-
0FC1 20 CD 12	JSR \$12CD	Floppyprog. übertragen
0FC4 B0 BA	BCS \$0F50	RTS, wenn Fehler
0FC6 20 40 01	JSR \$0140	Byte holen (Floppy)
0FC9 85 53	STA \$53	merken
0FCB 20 40 01	JSR \$0140	Byte holen (Floppy)
0FCE 85 52	STA \$52	merken
0FD0 20 0F 17	JSR \$110F	32? (Fehler?)
0FD3 A5 AC	LDA \$AC	
0FD5 85 C1	STA \$C1	
0FD7 A5 AD	LDA \$AD	
0FD9 85 C2	STA \$C2	
0FDB A5 AC	LDA \$AC	
0FDD A6 AD	LDX \$AD	
0FDF 18	CLC	
0FE0 69 FE	ADC #FE	
0FE2 90 03	BCC \$0FE7	
0FE4 E8	INX	
0FE5 F0 0C	BEQ \$0FF3	
0FE7 85 AC	STA \$AC	
0FE9 86 AD	STX \$AD	
0FEB 38	SEC	
0FEC E5 AE	SBC \$AE	
0FEE BA	TXA	
0FEF E5 AF	SBC \$AF	
0FF1 90 0B	BCC \$0FFE	
0FF3 20 04 0C	JSR \$0C04	Byte aus Speicher holen
0FF6 30 18	BMI \$1010	
0FF8 20 21 10	JSR \$1021	
0FFB 4C 1B 10	JMP \$101B	
0FFE 20 21 10	JSR \$1021	
1001 C5 53	CMP \$53	
1003 F0 D6	BEQ \$0FDB	
1005 85 51	STA \$51	
1007 20 1A 11	JSR \$111A	
100A A5 51	LDA \$51	
100C 85 53	STA \$53	
100E D0 C0	BNE \$0FDD	
1010 98	TYA	
1011 20 04 11	JSR \$1104	
1014 A5 AE	LDA \$AE	
1016 18	CLC	
1017 E5 AC	SBC \$AC	

1019 95 17	STA \$17,X	
101B 20 1A 11	JSR \$111A	
101E 40 09 0F	JMP \$0F09	Beh. v. kopieren
1021 20 0F 03	JSR \$03ED	#80 senden, Fehler Byte holen
1024 30 0D	BMI \$1033	Fehler
1026 48	PHA	merken
1027 20 04 11	JSR \$1104	
102A 20 40 01	JSR \$0140	von Floppy holen
102D 95 17	STA \$17,X	ablegen
102F 85 52	STA \$52	
1031 68	PLA	Byte zurückholen
1032 60	RTS	
1033 85 52	PLA	
1034 68	PLA	
1035 4C 9B 13	JMP \$139B	
103B 85 F7	STA \$F7	
103A 78	SEI	
103E A0 10	LDY #10	
103D A9 00	LDA #00	
103F 99 FF 01	STA \$01FF,Y	
1042 88	DEY	
1043 D0 FA	BNE \$103F	
1045 85 FB	STA \$FB	
1047 20 ED 03	JSR \$03ED	
104A 30 E9	BMI \$1035	
104C 99 04 02	STA \$0204,Y	
104F C8	INY	
1050 20 40 01	JSR \$0140	
1053 99 04 02	STA \$0204,Y	
1056 C8	INY	
1057 C6 F7	DEC \$F7	
1059 D0 EC	BNE \$1047	
105B A9 40	LDA #40	
105D 20 D3 14	JSR \$14D3	
1060 AD 04 02	LDA \$0204	
1063 20 D3 14	JSR \$14D3	
1066 AD 05 02	LDA \$0205	
1069 20 D3 14	JSR \$14D3	
106C A0 05	LDY #05	
106E B1 B0	LDA (\$B0),Y	
1070 8D 03 02	STA \$0203	
1073 20 EF 03	JSR \$03EF	
1076 85 51	STA \$51	
1078 8D 10 02	STA \$0210	
107B 20 40 01	JSR \$0140	
107E 85 52	STA \$52	
1080 8D 11 02	STA \$0211	
1083 A0 12	LDY #12	
1085 A5 51	LDA \$51	
1087 09 40	ORA #40	
1089 20 D3 14	JSR \$14D3	
108C 20 0F 11	JSR \$110F	
108F 20 40 01	JSR \$0140	
1092 30 A1	BMI \$1035	
1094 C9 40	CMP #40	
1096 F0 0A	BEQ \$10A2	
1098 95 02	STA \$02,X	
109A 20 40 01	JSR \$0140	
109D 95 17	STA \$17,X	
109F E8	INX	
10A0 D0 ED	BNE \$108F	

Fehler

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10A2 A6 52	LDX #52	1126 2C A5 54	BIT #54A5
10A4 B5 02	LDA #02,X	1129 18	CLC
10A6 30 8D	BMI #1035	112A 69 06	ADC #06
10A8 F0 1B	BEQ #10C5	112C C5 FE	CMP #FE
10AA 99 00 02	STA #0200,Y	112E 90 02	BCC #1132
10AD B5 FC	STA #FC	1130 E5 FE	SBC #FE
10AF CB	INY	1132 85 54	STA #54
10B0 B5 17	LDA #17,X	1134 AA	TAX
10B2 99 00 02	STA #0200,Y	1135 B5 02	LDA #02,X
10B5 85 52	STA #52	1137 10 04	BPL #113D
10B7 CB	INY	1139 EB	INX
10B8 D0 3D	BNE #10F7	113A 8A	TXA
10BA A6 FB	LDX #FB	113B D0 EF	BNE #112C
10BC BD 06 02	LDA #0206,X	113D B4 2C	LDY #2C,X
10BF F0 04	BEQ #10C5	113F BD 00 02	STA #0200
10C1 BC 07 02	LDY #0207,X	1142 B5 17	LDA #17,X
10C4 24 8B	BIT #8B	1144 BD 01 02	STA #0201
10C6 BD 00 02	STA #0200	1147 38	SEC
10C9 BC 01 02	STY #0201	1148 76 02	ROR #02,X
10CC A6 FB	LDX #FB	114A A6 C2	LDX #C2
10CE BD 05 02	LDA #0205,X	114C A5 C1	LDA #C1
10D1 85 54	STA #54	114E C0 00	CPY #00
10D3 BD 04 02	LDA #0204,X	1150 F0 09	BEQ #115B
10D6 20 EF 03	JSR #03EF	1152 18	CLC
10D9 20 40 01	JSR #0140	1153 69 FE	ADC #FE
10DC 30 B4	BMI #1092	1155 90 01	BCC #115B
10DE A0 00	LDY #00	1157 EB	INX
10E0 A2 01	LDX #01	1158 88	DEY
10E2 86 F7	STX #F7	1159 D0 F7	BNE #1152
10E4 EB	INX	115B 85 F9	STA #F9
10E5 8A	TXA	115D 86 FA	STX #FA
10E6 20 5B 11	JSR #115B	115F AD 00 02	LDA #0200
10E9 EE 02 02	INC #0202	1162 4D 01 02	EDR #0201
10EC E6 FB	INC #FB	1165 85 FF	STA #FF
10EE E6 FB	INC #FB	1167 E6 01	INC #01
10F0 AD 00 02	LDA #0200	1169 B1 F9	LDA (#F9),Y
10F3 F0 0C	BEQ #1101	116B 99 02 02	STA #0202,Y
10F5 A0 10	LDY #10	116E 45 FF	EDR #FF
10F7 A5 FC	LDA #FC	1170 85 FF	STA #FF
10F9 C5 51	CMP #51	1172 CB	INY
10FB 85 51	STA #51	1173 C0 FE	CPY #FE
10FD F0 A3	BEQ #10A2	1175 D0 F2	BNE #1169
10FF D0 84	BNE #1085	1177 C6 01	DEC #01
1101 4C 09 0F	JMP #0F09	1179 20 40 01	JSR #0140
1104 85 52	LDX #52	117C 30 1F	BMI #119D
1106 95 02	STA #02,X	117E A5 54	LDA #54
1108 A5 F7	LDA #F7	1180 C6 F7	DEC #F7
110A 95 2C	STA #2C,X	1182 D0 02	BNE #1186
110C E6 F7	INC #F7	1184 09 B0	DRA #B0
110E 60	RTS	1186 20 D3 14	JSR #14D3
110F 85 15	LDX #15	1189 A5 FF	LDA #FF
1111 38	SEC	118B 20 D3 14	JSR #14D3
1112 76 01	ROR #01,X	118E 20 77 01	JSR #0177
1114 CA	DEX	1191 20 CD 0B	JSR #0BCD
1115 D0 FA	BNE #1111	1194 A5 F7	LDA #F7
1117 86 F7	STX #F7	1196 D0 8F	BNE #1127
1119 60	RTS	1198 20 40 01	JSR #0140
111A A5 53	LDA #53	119B 10 40	BPL #11DD
111C 20 EF 03	JSR #03EF	119D 4C 33 10	JMP #1033
111F 85 FE	STA #FE	11A0 BD C1 11	STA #11C1
1121 20 40 01	JSR #0140	11A3 20 62 14	JSR #1462
1124 30 77	BMI #119D		

8

```

11A6 0D 20 20 3C 46 33 2F 46 M <F3/F
11AE 34 3E 20 C4 49 53 4B 20 4> TISK
11B6 C3 4F 4D 4D 41 4E 44 20 COMMAND
11BE 38 2F 39 0D 0D 20 20 3C 8/9MM <
11C6 46 35 2F 46 36 3E 20 C4 F5/F6> -
11CE 49 52 45 43 54 4F 52 59 DIRECTORY
11D6 20 38 2F 39 0D 0D 00 18 8/9MM&X

```

```

11DD 18 CLC
11DE 60 RTS
11DF 20 96 13 JSR #1396
11E2 A9 3F LDA #3F
11E4 20 56 14 JSR #1456
11E7 20 62 14 JSR #1462

```

```

11EA 03 20 3C 31 3E 20 75 72 C <1>
11F2 67 68 21 20 3C 32 3E 20 L.H <2>
11FA D4 52 59 20 68 41 52 44 IRY IARD
1202 45 52 20 3C 33 3E 20 6A ER <3>
120A 55 4D 50 20 6F 56 45 52 LMP IVER
1212 00 A9 20 20 A0 11 20 62 &F Q 1

```

```

1213 A9 20 LDA #20
1215 20 A0 11 JSR #11A0
1218 20 62 14 JSR #1462
121B 05 00 ORA #00
121D 20 66 12 JSR #1266
1220 20 42 12 JSR #1242
1223 90 09 BCC #122E
1225 20 54 0C JSR #0C54
1228 20 01 0B JSR #0B01
122B 4C DF 11 JMP #11DF
122E C9 32 CMP #32
1230 F0 0E BEQ #1240
1232 C9 33 CMP #33
1234 F0 04 BEQ #123A
1236 49 31 EOR #31
123B D0 E3 BNE #121D
123A 6A ROR
123B A0 00 LDY #00
123D 29 80 AND #80
123F 18 CLC
1240 AA TAX
1241 60 RTS

```

```

1242 JSR v.08A5 LDX #08 Geräteadresse 8
1244 C9 B6 CMP #B6 F3?
1246 D0 30 BNE #1278 nein
1248 20 70 13 JSR #1370 Dick Command
124B 20 62 14 JSR #1462 PRIMM

```

```

124E 0D 01 0A D0 52 45 53 53 MAUPRESS
125E 20 D3 50 41 43 45 20 C6 SPACE F
125F 4F 52 20 CD 65 6E 75 00 OR MENU

```

```

126A JSR v.0886 LDA #00 Tastaturpuffer
126B 05 C6 STA #C6 löschen

```

```

126A 20 3E F1 JSR #F13E Taste holen
126D F0 FB BEQ #126A
126F C9 03 CMP #03 STOP-Taste?
1271 F0 02 BEQ #1275 ja
1273 38 SEC Flag für Taste erkannt
1274 60 RTS
1275 4C 10 0B JMP #0810 Neustart
1278 EB INX Gerät #9
1279 C9 BA CMP #BA F4?
127B F0 CB BEQ #124B ja, dann Command, Menu
127D C9 8B CMP #8B F6?
127F D0 06 BNE #1287 nein
1281 20 EB 13 JSR #13EB Directory
1284 4C 4B 12 JMP #124B SPACE FOR MENU
1287 CA DEX Device 8
1288 C9 87 CMP #87 F5?
128A F0 F5 BEQ #1281 ja, Dir, Menu
128C 18 CLC Flag für "Taste nicht erkannt"
128D 60 RTS
128E JSR v.12BA LDA #6F Sek. adr.
1290 4B PHA
1291 A9 00 LDA #00 Status löschen
1293 85 90 STA #90
1295 A5 BA LDA #BA
1297 20 0C ED JSR #ED0C LISTEN
129A 6B PLA
129B 20 B9 ED JSR #EDB9 SECLST
129E A5 90 LDA #90 Status
12A0 60 RTS und zurück
12A1 A9 6F LDA #6F
12A3 4B PHA
12A4 A5 BA LDA #BA
12A6 20 09 ED JSR #ED09
12A9 6B PLA
12AA 4C C7 ED JMP #EDC7
12AD A9 6F LDA #6F
12AF 85 B9 STA #B9
12B1 20 D5 F3 JSR #F3D5
12B4 60 RTS
12B5 4C 33 10 JMP #1033 Fehlerbeheben
12B8 JSR v.1394 LDX #45 "E" "M-E" setzen
12BA JSR v.12DE 12 JSR #128E senden
12BD 30 F6 BMI #12B5 Fehler
12BF A9 4D LDA #4D "H"
12C1 20 DD ED JSR #EDDD ausgeben
12C4 A9 2D LDA #2D "-"
12C6 20 DD ED JSR #EDDD ausgeben
12C9 8A TXA X-Register
12CA 4C DD ED JMP #EDDD ausgeben Floppy-
12CD JSR v.08A7 LDX #00 program
12CF B9 58 17 LDA #1358, Y Zeilenzahl
12D2 95 F7 STA #F7, X Zeilenzahl
12D4 C8 INY Zeiger
12D5 EB INX kopieren
12D6 E0 07 CPX #07
12D8 D0 F5 BNE #12CF
12DA A0 00 LDY #00
12DC A2 57 LDX #57 "W"
12DE 20 BA 12 JSR #12BA "M-W" an Floppy
12E1 98 TYA
12E2 18 CLC

```

Stück copy

```
12E3 65 F9 ADC #F9
12E5 A6 FA LDX #FA
12E7 20 C6 12 JSR #12C6
12EA A9 23 LDA ##23 $23 Bytes
12EC AA TAX
12ED 20 DD ED JSR #EDDD
12F0 B1 F7 LDA (*F7), Y Byte holen
12F2 20 DD ED JSR #EDDD senden
12F5 C8 INY
12F6 CA DEX schon $23?
12F7 D0 F7 BNE #12F0 nein
12F9 20 FE ED JSR #EDFE UNLISTEN
12FC C0 60 CRY ##60
12FE 90 DC BCC #12DC kleine
1300 A5 F9 LDA #F9
1302 D0 26 BNE #132A
1304 20 BB 12 JSR #12BB "M-E" senden
1307 A5 F9 LDA #F9
1309 A6 FA LDX #FA
130B 20 C6 12 JSR #12C6 A & X ausgeben
130E 20 FE ED JSR #EDFE UNLISTEN
1311 78 SEI IRQs weg
1312 20 00 DD BIT #DD00 { auf Floppy
1315 70 FB BVS #1312 warten
1317 20 10 15 JSR #1510 Normalwert auf EC-Bus
131A A0 00 LDY ##00
131C B1 FB LDA (*FB), Y Byte holen
131E 20 D3 14 JSR #14D3 senden
1321 C8 INY
1322 D0 FB BNE #131C LOOP
1324 E6 FC INC #FC
1326 C6 FD DEC #FD
1328 D0 F2 BNE #131C
132A 18 CLC
132B 60 RTS
```

```
132C 20 BB 12 JSR #12BB
132F BE 6A 13 LDX #136A, Y
1332 C8 INY
1333 B9 6A 13 LDA #136A, Y
1336 20 C6 12 JSR #12C6
1339 4C 45 13 JMP #1345
```

```
133F 20 90 12 JSR #1290 LISTEN v. 0F80
1341 30 57 BMI #139B
1341 8A TXA
1342 20 DD ED JSR #EDDD k senden
1345 A9 3A LDA ##3A
1347 A0 0E LDY ##0E
1349 20 DB ED JSR #EDDD senden
134C B1 B0 LDA (*B0), Y
134E C8 INY
134F C9 A0 CMP ##A0
1351 D0 F6 BNE #1349
1353 20 54 F6 JSR #F654
1356 90 40 BCC #1398
```

```
1358 04 1A 00 06 13 18 03 84 1A Z0FVUCI
1360 1A 00 06 13 18 03 84 1A Z0FSXC-Z
1368 46 01 01 46 01 65 01 6C FAFATAL
1370 B6 BA STX #BA
1372 20 62 14 JSR #1462
```

```
1375 93 0D 02 3A 3D 3E 20 00 WMB=> @
```

```
137D A9 A7 LDA ##A7
137F 85 BB STA #BB
1381 A9 02 LDA #02
1383 85 BC STA #BC
1385 A0 FF LDY ##FF
1387 C8 INY
1388 20 57 F1 JSR #F157
138B 91 BB STA (*BB), Y
138D C9 0D CMP ##0D
138F D0 F6 BNE #1387
1391 84 B7 STY #B7
1393 20 AD 12 JSR #12AD
1396 18 CLC
```

```
1397 24 JSE v. 00 BIT VSEC
1399 A2 04 LDX ##04
139B 66 FF ROR #FF
139D 86 FE STX #FE
139F 20 09 0F JSR #0F09
13A2 20 BE 12 JSR #12BE
13A5 30 03 BMI #13AA
13A7 20 A1 12 JSR #12A1
13AA A2 00 LDX ##00
13AC BD E2 13 LDA #13E2, X
13AF 24 90 BIT #90
13B1 30 03 BMI #13B6
13B3 20 13 EE JSR #EE13
13B6 95 02 STA #02, X
13B8 E8 INX
13B9 C9 0D CMP ##0D
13BB D0 EF BNE #13AC
13BD 20 EF ED JSR #EDEF
13C0 A5 02 LDA #02
13C2 05 03 ORA #03
13C4 29 0F AND ##0F
13C6 C9 02 CMP ##02
13C8 08 PHP
13C9 B0 04 BCS #13CF
13CB 24 FF BIT #FF
13CD 30 11 BMI #13E0
13CF A6 FE LDX #FE
13D1 20 C5 14 JSR #14C5
13D4 A2 00 LDX ##00
13D6 B5 02 LDA #02, X
13DB 20 16 E7 JSR #E716
13DB E8 INX
13DC C9 0D CMP ##0D
13DE D0 F6 BNE #13D6
13E0 28 PLS
13E1 60 RTS
```

```
13E2 44 52 49 56 45 20 3F 0D DRIVE 7M
13EA 24 86 BA A9 01 A2 EA A0 $-A=1
13EB B6 BA STX #BA
13ED A9 01 LDA ##01
```

```

,13EF A2 EA LDX #$EA
,13F1 A0 13 LDY #$13
,13F3 20 BD FF JSR $FFBD
,13F6 20 44 E5 JSR $E544
,13F9 A9 60 LDA #$60
,13FB 20 AF 12 JSR $12AF
,13FE B0 4E BCS $144E
,1400 A5 B9 LDA #$B9
,1402 20 A3 12 JSR $12A3
,1405 A2 03 LDX #$03
,1407 20 13 EE JSR $EE13
,140A 85 BD STA $BD
,140C 20 13 EE JSR $EE13
,140F A4 90 LDY $90
,1411 D0 38 BNE $144B
,1413 CA DEX
,1414 D0 F1 BNE $1407
,1416 A6 BD LDX $BD
,1418 20 70 0B JSR $0B70
,141B A2 18 LDX #$18
,141D 20 13 EE JSR $EE13
,1420 A4 90 LDY $90
,1422 D0 27 BNE $144B
,1424 C9 0D CMP #$0D
,1426 F0 04 BEQ $142C
,1428 C9 8D CMP #$8D
,142A D0 02 BNE $142E
,142C A9 1F LDA #$1F
,142E 20 16 E7 JSR $E716
,1431 E6 D8 INC $D8
,1433 CA DEX
,1434 10 E7 BPL $141D
,1436 20 13 EE JSR $EE13
,1439 D0 E5 BNE $1420
,143B 20 63 0C JSR $0C63
,143E AD 01 DC LDA $DC01
,1441 10 08 BPL $144B
,1443 29 20 AND #$20
,1445 F0 F7 BEQ $143E
,1447 A2 02 LDX #$02
,1449 D0 BC BNE $1407
,144B 20 42 F6 JSR $F642
,144E 18 CLC
,144F A6 D6 LDX $D6
,1451 4C 9B 13 JMP $139B
,1454 A9 2A LDA #$2A
,1456 48 RHA
,1457 A0 24 LDY #$24
,1459 A6 B6 LDX $B6
,145B 20 0C E5 JSR $E50C
,145E 68 PLA
,145F 4C 16 E7 JMP $E716
,1462 68 PLA
,1463 85 BD STA $BD
,1465 68 PLA
,1466 85 BE STA $BE
,1468 86 BF STX $BF
,146A A0 00 LDY #$00
,146C E6 BD INC $BD
,146E D0 02 BNE $1472
,1470 E6 BE INC $BE
,1472 A2 01 LDX #$01

```

```

,1474 B1 BD LDA ($BD),Y
,1476 F0 44 BEQ $14BC
,1478 C9 02 CMP #$02
,147A 90 2D BCC $14A9
,147C D0 06 BNE $14B4
,147E A5 BA LDA $BA
,1480 09 30 DRA #$30
,1482 D0 30 BNE $14B4
,1484 C9 05 CMP #$05
,1486 B0 0B BCS $1493
,1488 AA TAX
,1489 20 FF E9 JSR $E9FF
,148C CA DEX
,148D 10 FA BPL $1489
,148F A2 01 LDX #$01
,1491 A9 13 LDA #$13
,1493 D0 1F BNE $14B4
,1495 20 63 0C JSR $0C63
,1498 20 24 EA JSR $EA24
,149B A0 27 LDY #$27
,149D A2 0B LDX #$0B
,149F A9 40 LDA #$40
,14A1 20 1E EA JSR $EA1E
,14A4 B8 DEY
,14A5 10 FB BPL $149F
,14A7 30 D1 BMI $146A
,14A9 E6 BD INC $BD
,14AB D0 02 BNE $14AF
,14AD E6 BE INC $BE
,14AF B1 BD LDA ($BD),Y
,14B1 AA TAX
,14B2 A9 20 LDA #$20
,14B4 20 16 E7 JSR $E716
,14B7 CA DEX
,14B8 D0 FA BNE $14B4
,14BA F0 AE BEQ $146A
,14BC A5 BE LDA $BE
,14BE 48 PHA
,14BF A5 BD LDA $BD
,14C1 48 PHA
,14C2 A6 BF LDX $BF
,14C4 60 RTS
,14C5 A0 00 LDY #$00
,14C7 20 0C E5 JSR $E50C
,14CA 4C FF E9 JMP $E9FF
,14CD JSR v. 0821 SETI
,14CE A9 00 LDA #$00 0 sender
,14D0 2C A9 80 BIT $80A9
,14D3 JSR v. 184E BIT $DD00 and floppy
,14D6 50 1B BVC $14D3 arbeiten
,14D8 48 PHA Byte merken
,14D9 4A LSR
,14DA 4A LSR } low-Nybble
,14DB 4A LSR
,14DC 4A LSR
,14DD AA TAX merken
,14DE AD 12 DRA LDA $D012 VIC: Rasterstahl
,14E1 C9 32 CMP #$32 ganz oben?
,14E3 90 06 BCC $14EB ja
,14E5 29 07 AND #$07
,14E7 C9 02 CMP #$02

```

PRIMA

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14E9 F0 F3 BEQ \$14DE
 14EB A9 03 LDA #\$03
 14ED 8D 00 DD STA \$DD00
 14F0 BD 30 01 LDA \$0130, X
 14F3 8D 00 DD STA \$DD00
 14F6 4A LSR
 14F7 4A LSR
 14F8 29 F0 AND #\$F0
 14FA 8D 00 DD STA \$DD00
 14FD 68 PLA
 14FE 29 0F AND #\$0F
 1500 AA TAX
 1501 BD 30 01 LDA \$0130, X
 1504 8D 00 DD STA \$DD00
 1507 4A LSR
 1508 4A LSR
 1509 29 F0 AND #\$F0
 150B 8D 00 DD STA \$DD00
 150E EA NOP
 150F EA NOP
 1510 4E 23 17 LDA #\$23 Normalwert
 1512 8D 00 DD STA \$DD00 an IEC-Bus
 1515 60 RTS
 1516 4C 92 03 JMP \$0392
 1519 20 BB 05 JSR \$05BB
 151C 78 SEI
 151D 20 00 02 JSR \$0200
 1520 F0 19 BEQ \$153B
 1522 85 0F STA \$0F
 1524 29 7F AND #\$7F
 1526 C9 40 CMP #\$40
 1528 B0 1A BCS \$1544
 152A 85 06 STA \$06
 152C C9 29 CMP #\$29
 152E B0 22 BCS \$1552
 1530 A9 E0 LDA #\$E0
 1532 85 00 STA \$00
 1534 58 CLI
 1535 A5 00 LDA \$00
 1537 30 FC BMI \$1535
 1539 10 E1 BPL \$151C
 153B 8D 00 18 STA \$1800
 153E 38 SEC
 153F 26 1C ROL \$1C
 1541 4C 94 C1 JMP \$C194
 1544 29 3F AND #\$3F
 1546 85 07 STA \$07
 1548 A2 01 LDX #\$01
 154A 86 1C STX \$1C
 154C 0A DEX
 154D A9 02 LDA #\$02
 154F 4C 0A E6 JMP \$E60A
 1552 20 42 03 JSR \$0342
 1555 4C 06 03 JMP \$0306
 1558 A9 80 LDA #\$80
 155A 48 PHA
 155B 4A LSR
 155C 4A LSR
 155D 4A LSR
 155E 4A LSR
 155F AA TAX
 1560 BC 9B 05 LDY \$059B, X
 1563 A2 00 LDX #\$00
 1565 BE 00 18 STX \$1800
 1568 68 PLA
 1569 29 0F AND #\$0F
 156B AA TAX
 156C BD 9B 05 LDA \$059B, X
 156F AE 00 18 LDX \$1800
 1572 D0 FB BNE \$156F
 1574 8D 00 18 STA \$1800
 1577 0A ASL
 1578 29 0F AND #\$0F
 157A 8D 00 18 STA \$1800
 157D 98 TYA
 157E EA NOP
 157F 8D 00 18 STA \$1800
 1582 0A ASL
 1583 29 0F AND #\$0F
 1585 8D 00 18 STA \$1800
 1588 4C AE E9 JMP \$E9AE
 158B A9 70 LDA #\$70
 158D 85 4B STA \$4B
 158F A5 43 LDA \$43
 1591 85 05 STA \$05
 1593 60 RTS
 1594 A9 D0 LDA #\$D0
 1596 8D 05 18 STA \$1805
 1599 2C 00 1C BIT \$1C00
 159C 10 07 BPL \$15A5
 159E 2C 05 18 BIT \$1805
 15A1 30 F6 BMI \$1599
 15A3 10 53 BPL \$15F8
 15A5 4C 67 F5 JMP \$F567
 15A8 A5 06 LDA \$06
 15AA C9 24 CMP #\$24
 15AC 90 0C BCC \$15BA
 15AE AD 00 1C LDA \$1C00
 15B1 29 9F AND #\$9F
 15B3 8D 00 1C STA \$1C00
 15B6 A9 11 LDA #\$11
 15B8 85 43 STA \$43
 15BA A2 15 LDX #\$15
 15BC 38 SEC
 15BD 76 B4 ROR \$B4, X
 15BF 0A DEX
 15C0 D0 FA BNE \$15BC
 15C2 86 11 STX \$11
 15C4 20 75 03 JSR \$0375
 15C7 24 0F BIT \$0F
 15C9 10 0A BPL \$15D5
 15CB 20 00 02 JSR \$0200
 15CE 85 19 STA \$19
 15D0 30 29 BMI \$15FB
 15D2 20 75 03 JSR \$0375
 15D5 C6 4B DEC \$4B
 15D7 D0 25 BNE \$15FE
 15D9 A6 11 LDX \$11
 15DB 8D DB FE LDA \$FEDB, X
 15DE F0 18 BEQ \$15FB
 15E0 85 4A STA \$4A
 15E2 20 2E FA JSR \$FA2E
 15E5 A9 EE LDA #\$EE

kritische Zeile

Achtung,
 sende jetzt!
 X Byte aus Tab. holen
 senden

Byte
 senden

Normalwert
 an IEC-Bus

```

.,15E7 8D 0C 1C STA $1C0C
.,15EA A9 A0 LDA #$A0
.,15ED 8D 05 18 STA $1805
.,15EF 2C 05 18 BIT $1805
.,15F2 30 FB BMI $15EF
.,15F4 E6 11 INC $11
.,15F6 D0 DA BNE $15D2
.,15F8 20 42 03 JSR $0342
.,15FB 4C 18 F4 JMP $F418
.,15FE 20 7E 03 JSR $037E
.,1601 84 31 STY $31
.,1603 A9 24 LDA #$24
.,1605 85 30 STA $30
.,1607 50 FE BVC $1607
.,1609 B8 CLV
.,160A AD 01 1C LDA $1C01
.,160D C0 00 CPY #$00
.,160F D0 04 BNE $1615
.,1611 C9 52 CMP #$52
.,1613 D0 C0 BNE $15D5
.,1615 91 30 STA ($30),Y
.,1617 C8 INY
.,1618 C0 04 CPY #$04
.,161A D0 EB BNE $1607
.,161C A0 01 LDY #$01
.,161E 20 0D F8 JSR $F80D
.,1621 A5 54 LDA $54
.,1623 C5 43 CMP $43
.,1625 B0 AE BCS $15D5
.,1627 24 0F BIT $0F
.,1629 10 06 BPL $1631
.,162B C5 19 CMP $19
.,162D D0 A6 BNE $15D5
.,162F F0 07 BEQ $163B
.,1631 85 19 STA $19
.,1633 AA TAX
.,1634 B5 B5 LDA $B5,X
.,1636 10 BF BPL $15C7
.,1638 20 7E 03 JSR $037E
.,163B 50 FE BVC $163B
.,163D B8 CLV
.,163E AD 01 1C LDA $1C01
.,1641 85 24 STA $24
.,1643 A2 BF LDX #$BF
.,1645 9A TXS
.,1646 50 FE BVC $1646
.,1648 B8 CLV
.,1649 AD 01 1C LDA $1C01
.,164C 85 25 STA $25
.,164E A2 3F LDX #$3F
.,1650 4A LSR
.,1651 48 PHA
.,1652 50 FE BVC $1652
.,1654 B8 CLV
.,1655 AD 01 1C LDA $1C01
.,1658 9D C0 05 STA $05C0,X
.,165B 6A ROR
.,165C 9D C0 01 STA $01C0,X
.,165F 50 FE BVC $165F
.,1661 B8 CLV
.,1662 AD 01 1C LDA $1C01
.,1665 0A ASL

```

```

.,1666 9D 00 06 STA $0600,X
.,1669 3E C0 05 ROL $05C0,X
.,166C 29 06 AND #$06
.,166E A8 TAY
.,166F 50 FE BVC $166F
.,1671 B8 CLV
.,1672 AD 01 1C LDA $1C01
.,1675 9D 80 06 STA $0680,X
.,1678 4A LSR
.,1679 4A LSR
.,167A 19 78 01 ORA $0178,Y
.,167D 9D 40 06 STA $0640,X
.,1680 50 FE BVC $1680
.,1682 B8 CLV
.,1683 AD 01 1C LDA $1C01
.,1686 9D C0 06 STA $06C0,X
.,1689 29 07 AND #$07
.,168B AB TAY
.,168C 50 FE BVC $168C
.,168E B8 CLV
.,168F AD 01 1C LDA $1C01
.,1692 CA DEX
.,1693 30 1C BMI $16B1
.,1695 4A LSR
.,1696 48 PHA
.,1697 B0 0C BCS $16A5
.,1699 4A LSR
.,169A 4A LSR
.,169B 19 70 01 ORA $0170,Y
.,169E 9D 01 07 STA $0701,X
.,16A1 18 CLC
.,16A2 4C 3C 04 JMP $043C
.,16A5 4A LSR
.,16A6 4A LSR
.,16A7 19 70 01 ORA $0170,Y
.,16AA 9D 01 07 STA $0701,X
.,16AD 38 SEC
.,16AE 4C 3C 04 JMP $043C
.,16B1 AA TAX
.,16B2 4A LSR
.,16B3 4A LSR
.,16B4 4A LSR
.,16B5 19 70 01 ORA $0170,Y
.,16B8 8D 00 07 STA $0700
.,16BB 50 FE BVC $16BB
.,16BD B8 CLV
.,16BE AD 01 1C LDA $1C01
.,16C1 85 26 STA $26
.,16C3 8A TXA
.,16C4 29 3F AND #$3F
.,16C6 85 27 STA $27
.,16CB A2 4F LDX #$4F
.,16CA 9A TXS
.,16CB A5 19 LDA $19
.,16CD 20 44 03 JSR $0344
.,16D0 A2 3F LDX #$3F
.,16D2 A9 00 LDA #$00
.,16D4 8D 00 18 STA $1800
.,16D7 48 PHA
.,16D8 68 PLA
.,16D9 AD 00 18 LDA $1800

```

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16DC D0 FB	BNE \$16D9	176E 30 08	BMI \$1778
16DE A9 08	LDA #\$08	1770 BD 00 18	STA \$1800
16E0 BD 00 18	STA \$1800	1773 24 00	BIT \$00
16E3 BC C0 01	LDY \$01C0,X	1775 4C C1 04	JMP \$04C1
16E6 A9 00	LDA #\$00	1778 A9 08	LDA #\$08
16EB BD 00 18	STA \$1800	177A BD 00 18	STA \$1800
16EB B9 00 07	LDA \$0700,Y	177D A5 25	LDA \$25
16EE BD 00 18	STA \$1800	177F 29 C0	AND #\$C0
16F1 0A	ASL	1781 05 27	DRA \$27
16F2 29 0F	AND #\$0F	1783 85 25	STA \$25
16F4 BD 00 18	STA \$1800	1785 A0 00	LDY #\$00
16F7 BD 80 01	LDA \$0180,X	1787 20 E8 F7	JSR \$F7E8
16FA 29 1F	AND #\$1F	178A 20 00 02	JSR \$0200
16FC A8	TAY	178D A2 80	LDX #\$80
16FD B9 50 01	LDA \$0150,Y	178F C5 53	CMP \$53
1700 BD 00 18	STA \$1800	1791 D0 0A	BNE \$179D
1703 0A	ASL	1793 A4 52	LDY \$52
1704 29 0F	AND #\$0F	1795 C0 07	CPY #\$07
1706 BD 00 18	STA \$1800	1797 D0 04	BNE \$179D
1709 BC 00 06	LDY \$0600,X	1799 A6 19	LDX \$19
170C B9 00 07	LDA \$0700,Y	179B 56 B5	LSR \$B5,X
170F 24 00	BIT \$00	179D 86 5D	STX \$5D
1711 BD 00 18	STA \$1800	179F BA	TXA
1714 0A	ASL	17A0 20 44 03	JSR \$0344
1715 29 0F	AND #\$0F	17A3 24 5D	BIT \$5D
1717 BD 00 18	STA \$1800	17A5 30 04	BMI \$17AB
171A BD C0 05	LDA \$05C0,X	17A7 C6 05	DEC \$05
171D 29 1F	AND #\$1F	17A9 F0 03	BEQ \$17AE
171F A8	TAY	17AB 4C B1 03	JMP \$03B1
1720 B9 50 01	LDA \$0150,Y	17AE 4C E2 03	JMP \$03E2
1723 BD 00 18	STA \$1800		
1726 0A	ASL		
1727 29 0F	AND #\$0F	17B1 0F 07 0D 05 0B 03 09 01	OGMEKCIA
1729 BD 00 18	STA \$1800	17B9 0E 06 0C 04 0A 02 08 00	NFLDJBH2
172C BD 80 06	LDA \$0680,X	17C1 00 20 40 60 80 A0 C0 E0	2 2 - -
172F 29 1F	AND #\$1F	17C9 00 00 40 40 80 80 C0 C0	2222 - - -
1731 A8	TAY	17D1 20 42 D0 A0 00 A2 00 B9	B7 2222
1732 B9 50 01	LDA \$0150,Y		
1735 BD 00 18	STA \$1800		
1738 0A	ASL	17D6 A2 00	LDX #\$00
1739 29 0F	AND #\$0F	17D8 B9 AB 05	LDA \$05AB,Y
173B BD 00 18	STA \$1800	17DB 99 70 01	STA \$0170,Y
173E BC 40 06	LDY \$0640,X	17DE B9 DD 05	LDA \$05DD,Y
1741 B9 00 07	LDA \$0700,Y	17E1 99 50 01	STA \$0150,Y
1744 BD 00 18	STA \$1800	17E4 9D 00 07	STA \$0700,X
1747 0A	ASL	17E7 E8	INX
1748 29 0F	AND #\$0F	17E8 8A	TXA
174A BD 00 18	STA \$1800	17E9 29 07	AND #\$07
174D BC 00 07	LDY \$0700,X	17EB D0 F1	BNE \$17DE
1750 B9 00 07	LDA \$0700,Y	17ED C8	INY
1753 BD 00 18	STA \$1800	17EE C0 20	CPY #\$20
1756 0A	ASL	17F0 D0 E6	BNE \$17D8
1757 29 0F	AND #\$0F	17F2 60	RTS
1759 BD 00 18	STA \$1800	17F3 0F	???
175C BC C0 06	LDY \$06C0,X	17F4 0F	???
175F B9 00 07	LDA \$0700,Y	17F5 0F	???
1762 BD 00 18	STA \$1800	17F6 0F	???
1765 0A	ASL	17F7 0F	???
1766 29 0F	AND #\$0F		
1768 BD 00 18	STA \$1800		
176B A9 00	LDA #\$00	17F3 0F 0F 0F 0F 0F 0F 0F	00000000
176D CA	DEX		

```

.:17FB 0F 0E 0F 07 0F 0A 0B 03 DNOGOJKC
.:1803 0F 0F 0D 05 0F 00 09 01 DOME09IA
.:180B 0F 06 0C 04 0F 02 08 0F DFLDOBHO

```

```

.:1813 4C DE 03 JMP $03DE
.:1816 78 SEI
.:1817 A9 40 LDA #$40
.:1819 8D F9 02 STA $02F9
.:181C A2 02 LDX #$02
.:181E 20 56 D5 JSR $D556
.:1821 20 90 EF JSR $EF90
.:1824 A5 80 LDA $80
.:1826 20 40 05 JSR $0540
.:1829 A5 81 LDA $81
.:182B 20 40 05 JSR $0540
.:182E 20 00 02 JSR $0200
.:1831 F0 3C BEQ $186F
.:1833 10 0E BPL $1843
.:1835 AD FC 02 LDA $02FC
.:1838 0D FA 02 ORA $02FA
.:183B F0 1E BEQ $185B
.:183D 20 21 F1 JSR $F121
.:1840 4C 11 03 JMP $0311
.:1843 C9 40 CMP #$40
.:1845 F0 3F BEQ $1886
.:1847 85 10 STA $10
.:1849 29 3F AND #$3F
.:184B 85 06 STA $06
.:184D A9 E0 LDA #$E0
.:184F 85 00 STA $00
.:1851 58 CLI
.:1852 A5 00 LDA $00
.:1854 30 FC BMI $1852
.:1856 78 SEI
.:1857 C9 01 CMP #$01
.:1859 F0 D3 BEQ $182E
.:185B 48 PHA
.:185C A9 80 LDA #$80
.:185E 20 40 05 JSR $0540
.:1861 A2 01 LDX #$01
.:1863 86 1C STX $1C
.:1865 68 PLA
.:1866 F0 04 BEQ $186C
.:1868 CA DEX
.:1869 4C 0A E6 JMP $E60A
.:186C 4C 5A F1 JMP $F15A
.:186F 20 00 02 JSR $0200
.:1872 8D B1 02 STA $02B1
.:1875 20 B7 E9 JSR $E9B7
.:1878 A5 80 LDA $80
.:187A 8D CB 02 STA $02CB
.:187D A5 81 LDA $81
.:187F 8D CC 02 STA $02CC
.:1882 58 CLI
.:1883 4C F4 EE JMP $EEF4
.:1886 A0 00 LDY #$00
.:1888 20 00 02 JSR $0200
.:188B 99 C4 02 STA $02C4,Y
.:188E C8 INY
.:188F C0 03 CPY #$03
.:1891 D0 F5 BNE $1888

```

```

.:1893 AD B2 02 LDA $02B2
.:1896 20 40 05 JSR $0540
.:1899 AD B3 02 LDA $02B3
.:189C 20 40 05 JSR $0540
.:189F D0 8D BNE $182E

```

```

.:18A1 00 02 00 08 01 03 04 0C 0B0HACDL

```

```

.:18A9 4C 51 F5 JMP $F551
.:18AC A0 FF LDY #$FF
.:18AE A9 52 LDA #$52
.:18B0 85 24 STA $24
.:18B2 84 19 STY $19
.:18B4 A9 5A LDA #$5A
.:18B6 85 4B STA $4B
.:18B8 C6 4B DEC $4B
.:18BA F0 ED BEQ $18A9
.:18BC 20 56 F5 JSR $F556
.:18BF A9 06 LDA #$06
.:18C1 85 31 STA $31
.:18C3 50 FE BVC $18C3
.:18C5 B8 CLV
.:18C6 AD 01 1C LDA $1C01
.:18C9 C0 00 CPY #$00
.:18CB D0 04 BNE $18D1
.:18CD C5 24 CMP $24
.:18CF D0 E7 BNE $18BB
.:18D1 91 30 STA ($30),Y
.:18D3 C8 INY
.:18D4 C0 05 CPY #$05
.:18D6 D0 EB BNE $18C3
.:18D8 A0 00 LDY #$00
.:18DA 20 EB F7 JSR $F7EB
.:18DD A5 24 LDA $24
.:18DF 4A LSR
.:18E0 B0 0E BCS $18F0
.:18E2 A5 54 LDA $54
.:18E4 C5 43 CMP $43
.:18E6 B0 D0 BCS $18BB
.:18E8 24 19 BIT $19
.:18EA 30 04 BMI $18F0
.:18EC C5 19 CMP $19
.:18EE D0 C8 BNE $18BB
.:18F0 60 RTS
.:18F1 A5 10 LDA $10
.:18F3 0A ASL
.:18F4 10 37 BPL $192D
.:18F6 A0 00 LDY #$00
.:18FB 84 07 STY $07
.:18FA 20 9B 03 JSR $039B
.:18FD A9 55 LDA #$55
.:18FF 20 9D 03 JSR $039D
.:1902 A5 53 LDA $53
.:1904 29 3F AND #$3F
.:1906 20 40 05 JSR $0540
.:1909 A5 54 LDA $54
.:190B 20 40 05 JSR $0540
.:190E A4 07 LDY $07
.:1910 C8 INY

```

.,1911 C4 43 CPY #43
 .,1913 90 E3 BCC #18FB
 .,1915 A9 40 LDA #40
 .,1917 20 40 05 JSR #0540
 .,191A 4C 18 F4 JMP #F418

.,191D 0F 07 0D 05 0B 03 09 01 OGMEKCI A
 .,1925 0E 06 0C 04 0A 02 0B 00 NFLDJBH A

.,192D A5 43 LDA #43
 .,192F 20 40 05 JSR #0540
 .,1932 20 99 03 JSR #0399
 .,1935 20 40 05 JSR #0540
 .,1938 A2 14 LDX #14
 .,193A 38 SEC
 .,193B 76 B5 ROR #B5,X
 .,193D CA DEX
 .,193E 10 FA BPL #193A
 .,1940 A9 01 LDA #01
 .,1942 20 40 05 JSR #0540
 .,1945 20 00 02 JSR #0200
 .,1948 85 10 STA #10
 .,194A 29 7F AND #7F
 .,194C 85 07 STA #07
 .,194E 20 00 02 JSR #0200
 .,1951 85 3A STA #3A
 .,1953 A0 00 LDY #00
 .,1955 8C 00 18 STY #1800
 .,1958 88 DEY
 .,1959 98 TYA
 .,195A 18 CLC
 .,195B 69 08 ADC #08
 .,195D 8D 9D 04 STA #049D
 .,1960 AD 00 18 LDA #1800
 .,1963 D0 FB BNE #1960
 .,1965 AD 00 18 LDA #1800
 .,1968 D0 02 BNE #1960
 .,1969 EA NOP
 .,196A EA NOP
 .,196C C1 00 CMP (#00,X)
 .,196E EA NOP
 .,196F AE 00 18 LDX #1800
 .,1972 BD 8E 03 LDA #03BE,X
 .,1975 EA NOP
 .,1976 AE 00 18 LDX #1800
 .,1979 1D 90 03 ORA #0390,X
 .,197C 0A ASL
 .,197D 0A ASL
 .,197E 0A ASL
 .,197F 0A ASL
 .,1980 AE 00 18 LDX #1800
 .,1983 1D 8E 03 ORA #03BE,X
 .,1986 C8 INY
 .,1987 AE 00 18 LDX #1800
 .,198A 1D 90 03 ORA #0390,X
 .,198D 91 30 STA (#30),Y
 .,198F AE 00 18 LDX #1800
 .,1992 BD 8E 03 LDA #03BE,X
 .,1995 EA NOP
 .,1996 AE 00 18 LDX #1800

.,1999 1D 90 03 ORA #0390,X
 .,199C 0A ASL
 .,199D 0A ASL
 .,199E 0A ASL
 .,199F 0A ASL
 .,19A0 AE 00 18 LDX #1800
 .,19A3 1D 8E 03 ORA #03BE,X
 .,19A6 C8 INY
 .,19A7 AE 00 18 LDX #1800
 .,19AA 1D 90 03 ORA #0390,X
 .,19AD 91 30 STA (#30),Y
 .,19AF C0 FF CPY #FF
 .,19B1 D0 BC BNE #196F
 .,19B3 C0 FF CPY #FF
 .,19B5 D0 A2 BNE #1959
 .,19B7 20 AE E9 JSR #E9AE
 .,19BA 20 E9 F5 JSR #F5E9
 .,19BD 45 3A EOR #3A
 .,19BF D0 62 BNE #1A23
 .,19C1 20 8F F7 JSR #F78F
 .,19C4 20 10 F5 JSR #F510
 .,19C7 A2 08 LDX #08
 .,19C9 50 FE BVC #19C9
 .,19CB B8 CLV
 .,19CC CA DEX
 .,19CD 10 FA BPL #19C9
 .,19CF 8E 03 1C STX #1C03
 .,19D2 8E 01 1C STX #1C01
 .,19D5 A9 CE LDA #CE
 .,19D7 8D 0C 1C STA #1C0C
 .,19DA A2 05 LDX #05
 .,19DC 50 FE BVC #19DC
 .,19DE B8 CLV
 .,19DF CA DEX
 .,19E0 D0 FA BNE #19DC
 .,19E2 86 3A STX #3A
 .,19E4 E8 INX
 .,19E5 A0 BB LDY #BB
 .,19E7 8A TXA
 .,19E8 85 31 STA #31
 .,19EA B1 30 LDA (#30),Y
 .,19EC 50 FE BVC #19EC
 .,19EE B8 CLV
 .,19EF 8D 01 1C STA #1C01
 .,19F2 45 3A EOR #3A
 .,19F4 85 3A STA #3A
 .,19F6 C8 INY
 .,19F7 D0 F1 BNE #19EA
 .,19F9 A9 06 LDA #06
 .,19FB CA DEX
 .,19FC F0 EA BEQ #19E8
 .,19FE 50 FE BVC #19FE
 .,1A00 B8 CLV
 .,1A01 50 FE BVC #1A01
 .,1A03 8C 03 1C STY #1C03
 .,1A06 A9 EE LDA #EE
 .,1A08 8D 0C 1C STA #1C0C
 .,1A0B A6 07 LDX #07
 .,1A0D 16 B5 ASL #B5,X
 .,1A0F A5 3A LDA #3A
 .,1A11 9D E0 05 STA #05E0,X

.,1A14	EE	CD	02	INC	\$02CD	.,1A92	10	F8	BPL	\$1ABC	
.,1A17	D0	03		BNE	\$1A1C	.,1A94	BD	B3	02	LDA	\$02B3,X
.,1A19	EE	CE	02	INC	\$02CE	.,1A97	85	09		STA	\$09
.,1A1C	24	10		BIT	\$10	.,1A99	BD	B2	02	LDA	\$02B2,X
.,1A1E	30	06		BMI	\$1A26	.,1A9C	85	08		STA	\$08
.,1A20	4C	2D	04	JMP	\$042D	.,1A9E	D0	18		BNE	\$1AB8
.,1A23	4C	D5	F6	JMP	\$F6C5	.,1AA0	4C	45	D9	JMP	\$D945
.,1A26	A5	43		LDA	\$43	.,1AA3	20	7D	01	JSR	\$017D
.,1A28	85	44		STA	\$44	.,1AA6	A2	19		LDX	##19
.,1A2A	20	99	03	JSR	\$0399	.,1AAB	D0	E2		BNE	\$1ABC
.,1A2D	85	07		STA	\$07	.,1AAA	20	7D	01	JSR	\$017D
.,1A2F	AA			TAX		.,1AAD	B9	B1	02	LDA	\$02B1,Y
.,1A30	B5	B5		LDA	\$B5,X	.,1AB0	91	94		STA	(\$94),Y
.,1A32	30	18		BMI	\$1A4C	.,1AB2	88			DEY	
.,1A34	20	56	F5	JSR	\$F556	.,1AB3	10	F8		BPL	\$1AAD
.,1A37	BD	E0	05	LDA	\$05E0,X	.,1AB5	20	BB	C8	JSR	\$C8BB
.,1A3A	C8			INY		.,1AB8	4C	94	C1	JMP	\$C194
.,1A3B	A2	BB		LDX	##BB	.,1ABB	A9	0A		LDA	##0A
.,1A3D	50	FE		BVC	\$1A3D	.,1ABD	8D	2A	02	STA	\$022A
.,1A3F	B8			CLV		.,1AC0	20	E5	C1	JSR	\$C1E5
.,1A40	4D	01	1C	EOR	\$1C01	.,1AC3	20	FA	C1	JSR	\$C1FA
.,1A43	EB			INX		.,1AC6	20	98	C3	JSR	\$C398
.,1A44	D0	F7		BNE	\$1A3D	.,1AC9	20	CA	C3	JSR	\$C3CA
.,1A46	88			DEY		.,1ACC	20	9D	C4	JSR	\$C49D
.,1A47	F0	F4		BEQ	\$1A3D	.,1ACF	30	CF		BMI	\$1AA0
.,1A49	AA			TAX		.,1AD1	A0	1D		LDY	##1D
.,1A4A	D0	D7		BNE	\$1A23	.,1AD3	60			RTS	
.,1A4C	C6	44		DEC	\$44	.,1AD4	78			SEI	
.,1A4E	D0	DA		BNE	\$1A2A	.,1AD5	20	AE	E9	JSR	\$E9AE
.,1A50	4C	02	04	JMP	\$0402	.,1ADB	A9	7A		LDA	##7A
.,1A53	48			PHA		.,1ADA	8D	02	18	STA	\$1802
.,1A54	4A			LSR		.,1ADD	A9	03		LDA	##03
.,1A55	4A			LSR		.,1ADF	85	52		STA	\$52
.,1A56	4A			LSR		.,1AE1	A0	28		LDY	##28
.,1A57	4A			LSR		.,1AE3	B9	32	06	LDA	\$0632,Y
.,1A58	AA			TAX		.,1AE6	99	FF	01	STA	\$01FF,Y
.,1A59	BC	0A	04	LDY	\$040A,X	.,1AE9	88			DEY	
.,1A5C	A2	00		LDX	##00	.,1AEA	D0	F7		BNE	\$1AE3
.,1A5E	8E	00	18	STX	\$1800	.,1AEC	AD	00	18	LDA	\$1800
.,1A61	68			PLA		.,1AEF	F0	FB		BEQ	\$1AEC
.,1A62	29	0F		AND	##0F	.,1AF1	20	00	02	JSR	\$0200
.,1A64	AA			TAX		.,1AF4	99	00	03	STA	\$0300,Y
.,1A65	BD	0A	04	LDA	\$040A,X	.,1AF7	C8			INY	
.,1A68	AE	00	18	LDX	\$1800	.,1AFB	D0	F7		BNE	\$1AF1
.,1A6B	D0	FB		BNE	\$1A68	.,1AFA	EE	22	06	INC	\$0622
.,1A6D	8D	00	18	STA	\$1800	.,1AFD	C6	52		DEC	\$52
.,1A70	0A			ASL		.,1AFF	D0	F0		BNE	\$1AF1
.,1A71	29	0F		AND	##0F	.,1B01	20	1B	C1	JSR	\$C118
.,1A73	8D	00	18	STA	\$1800	.,1B04	4C	03	03	JMP	\$0303
.,1A76	98			TYA		.,1B07	A2	00		LDX	##00
.,1A77	EA			NOP		.,1B09	8E	00	18	STX	\$1800
.,1A78	8D	00	18	STA	\$1800	.,1B0C	AD	00	18	LDA	\$1800
.,1A7B	0A			ASL		.,1B0F	D0	FB		BNE	\$1B0C
.,1A7C	29	0F		AND	##0F	.,1B11	08			PHP	
.,1A7E	8D	00	18	STA	\$1800	.,1B12	AD	00	18	LDA	\$1800
.,1AB1	4C	AE	E9	JMP	\$E9AE	.,1B15	0A			ASL	
.,1AB4	20	13	D3	JSR	\$D313	.,1B16	28			PLP	
.,1AB7	20	7D	01	JSR	\$017D	.,1B17	0D	00	18	DRA	\$1800
.,1AB8	A2	00		LDX	##00	.,1B1A	0A			ASL	
.,1ABC	B1	94		LDA	(\$94),Y	.,1B1B	0A			ASL	
.,1ABE	99	B1	02	STA	\$02B1,Y	.,1B1C	0A			ASL	
.,1A91	88			DEY							

```

1B1D C1 00    CMP ($00,X)
1B1F 0D 00 1B DRA $1800
1B22 0A      ASL
1B23 C1 00    CMP ($00,X)
1B25 0D 00 1B DRA $1800
1B28 A2 08    LDX ##08
1B2A 8E 00 1B STX $1800
1B2D AA      TAX
1B2E 60      RTS

```

```

1B2F 04 0F 1B SEI

```

```

1B30 A0 30    LDY ##30

```

```

1B32 B9 37 1B LDA $1B37,Y

```

```

1B35 99 00 01 STA $0100,Y

```

```

1B38 B9 F2 1B LDA $1BF2,Y

```

```

1B3B 99 00 03 STA $0300,Y

```

```

1B3E C8      INY

```

```

1B3F D0 F1    BNE $1B32

```

```

1B41 A9 3C    LDA ##3C

```

```

1B43 8D 02 DD STA $DD02

```

```

1B46 A9 38    LDA ##38

```

```

1B48 85 9B    STA $9B

```

```

1B4A A9 00    LDA ##00

```

```

1B4C 8D 21 D0 STA $D021

```

```

1B4F 8D 20 D0 STA $D020

```

```

1B52 20 09 0F JSR $0F09

```

```

1B55 A9 16    LDA ##16

```

```

1B57 8D 18 D0 STA $D018

```

```

1B5A A9 80    LDA ##80

```

```

1B5C 8D 91 02 STA $0291

```

```

1B5F 4C 10 08 JMP $0810

```

```

1B62 00      BRK

```

```

1B63 00      BRK

```

```

1B64 00      BRK

```

```

1B65 00      BRK

```

```

1B66 00      BRK

```

```

1B67 00      BRK

```

```

1B68 80      ???

```

```

1B69 20 A0 40 JSR $40A0

```

```

1B6C C0 60    CPY ##60

```

```

1B6E E0 10    CPX ##10

```

```

1B70 90 30    BCC $1BA2

```

```

1B72 B0 50    BCS $1BC4

```

```

1B74 D0 70 F0 BNE $1BE6

```

```

1B77 2C 00 DD BIT $DD00

```

```

1B79 5D 5F B9 BVC $1B77

```

```

1B7C 0A 02 1B LDA $D012

```

```

1B7F C9 52    CMP ##32

```

```

1B81 90 06    BCC $1B89

```

```

1B83 29 07    AND ##07

```

```

1B85 C9 02    CMP ##02

```

```

1B87 F0 F3    BEQ $1B7C

```

```

1B89 A9 03    LDA ##03

```

```

1B8B 8D 00 DD STA $DD00

```

```

1B8E 48      PHA

```

```

1B8F 68      PLA

```

```

1B90 24 EA    BIT $EA

```

```

1B92 AD 00 DD LDA $DD00

```

```

1B95 4A      LSR

```

```

1B96 4A      LSR

```

```

1B97 4D 00 DD EOR $DD00

```

```

1B9A 4A      LSR

```

START Teil I

```

1B9B 4A      LSR

```

```

1B9C 4D 00 DD EOR $DD00

```

```

1B9F 4A      LSR

```

```

1BA0 4A      LSR

```

```

1BA1 4D 00 DD EOR $DD00

```

```

1BA4 48      PHA

```

```

1BA5 A9 23    LDA ##23

```

```

1BA7 8D 00 DD STA $DD00

```

```

1BAA 68      PLA

```

```

1BAB 49 03    EOR ##03

```

```

1BAD 60      RTS

```

```

1BAE 2C 00 DD BIT $DD00

```

```

1BB1 50 FB    BVC $1BAE

```

```

1BB3 AD 12 D0 LDA $D012

```

```

1BB6 29 07    AND ##07

```

```

1BB8 49 02    EOR ##02

```

```

1BBA D0 F7    BNE $1BB3

```

```

1BBC A8      TAY

```

```

1BBD AD 12 D0 LDA $D012

```

```

1BC0 29 07    AND ##07

```

```

1BC2 C9 03    CMP ##03

```

```

1BC4 D0 F7    BNE $1BBD

```

```

1BC6 A2 04    LDX ##04

```

```

1BC8 EA      NOP

```

```

1BC9 8D 00 DD STA $DD00

```

```

1BCC A9 23    LDA ##23

```

```

1BCE EA      NOP

```

```

1BCF EA      NOP

```

```

1BD0 8D 00 DD STA $DD00

```

```

1BD3 B9 00 02 LDA $0200,Y

```

```

1BD6 29 F0    AND ##F0

```

```

1BD8 8D 00 DD STA $DD00

```

```

1BDB 4A      LSR

```

```

1BDC 4A      LSR

```

```

1BDD 29 F0    AND ##F0

```

```

1BDF 8D 00 DD STA $DD00

```

```

1BE2 B9 00 02 LDA $0200,Y

```

```

1BE5 0A      ASL

```

```

1BE6 0A      ASL

```

```

1BE7 0A      ASL

```

```

1BE8 0A      ASL

```

```

1BE9 8D 00 DD STA $DD00

```

```

1BEC 4A      LSR

```

```

1BED 4A      LSR

```

```

1BEE 29 F0    AND ##F0

```

```

1BF0 8D 00 DD STA $DD00

```

```

1BF3 C8      INY

```

```

1BF4 B9 00 02 LDA $0200,Y

```

```

1BF7 29 F0    AND ##F0

```

```

1BF9 EA      NOP

```

```

1BFA 8D 00 DD STA $DD00

```

```

1BFD 4A      LSR

```

```

1BFE 4A      LSR

```

```

1BFF 29 F0    AND ##F0

```

```

1C01 8D 00 DD STA $DD00

```

```

1C04 B9 00 02 LDA $0200,Y

```

```

1C07 0A      ASL

```

```

1C08 0A      ASL

```

```

1C09 0A      ASL

```

```

1C0A 0A      ASL

```

```

1C0B 8D 00 DD STA $DD00

```

Byte holen

markieren

Normalwert

Byte zurück

dekompilieren

Datenrichtung für
I/O-Bus setzen

Screen

schwarz

Betriebssystemvariablen setzen

VIC

Zerchenstumsch.
verändern

START Teil II

0180

Kodiertabelle

zum Senden

7 14 D 3 H

Byte holen

0140

auf Floppy

warten

VIC?

ok

bereit zum Empfangen

3 Zyklen

10 Zyklen

Byte holen

..1C0E 4A	LSR	..1C80 4A	LSR
..1C0F 4A	LSR	..1C81 4A	LSR
..1C10 29 F0	AND ##F0	..1C82 4D 00 DD	EOR \$DD00
..1C12 8D 00 DD	STA \$DD00	..1C85 4A	LSR
..1C15 C8	INX	..1C86 4A	LSR
..1C16 CA	DEX	..1C87 4D 00 DD	EOR \$DD00
..1C17 D0 BA	BNE \$1BD3	..1C8A 91 F7	STA (\$F7), Y ablegen
..1C19 A9 23	LDA ##23	..1C8C 45 FF	EOR \$FF
..1C1B 8D 00 DD	STA \$DD00	..1C8E 85 FF	STA \$FF
..1C1E 98	TYA	..1C90 AD 00 DD	LDA \$DD00
..1C1F D0 9C	BNE \$1BBD	..1C93 4A	LSR
..1C21 60	RTS	..1C94 4A	LSR
..1C22 A9 02	LDA #\$02	..1C95 4D 00 DD	EOR \$DD00
..1C24 8F 0A 67	LDY #\$00	..1C98 49 30	EOR ##30
..1C26 85 FB	STA \$FB	..1C9A C8	INX
..1C28 84 F7	STY \$F7	..1C9B 4A	LSR
..1C2A 84 FF	STY \$FF	..1C9C 4A	LSR
..1C2C 88	DEY	..1C9D 4D 00 DD	EOR \$DD00
..1C2D 2C 00 DD	BIT \$DD00	..1CA0 4A	LSR
..1C30 50 FB	BVC \$1C2D	..1CA1 4A	LSR
..1C32 AD 12 D0	LDA \$D012	..1CA2 4D 00 DD	EOR \$DD00
..1C35 29 07	AND ##07	..1CA5 91 F7	STA (\$F7), Y ablegen
..1C37 C9 02	CMP ##02	..1CA7 EA	NOP
..1C39 D0 F7	BNE \$1C32	..1CAB AD 00 DD	LDA \$DD00
..1C3B AD 12 D0	LDA \$D012	..1CAB 4A	LSR
..1C3E 29 07	AND ##07	..1CAC 4A	LSR
..1C40 C9 03	CMP ##03	..1CAD 4D 00 DD	EOR \$DD00
..1C42 D0 F7	BNE \$1C3B	..1CB0 49 30	EOR ##30
..1C44 A2 02	LDX ##02	..1CB2 C8	INX
..1C46 EA	NOP	..1CB3 4A	LSR
..1C47 8D 00 DD	STA \$DD00	..1CB4 4A	LSR
..1C4A 2C 00 DD	BIT \$DD00	..1CB5 4D 00 DD	EOR \$DD00
..1C4D 70 FB	BVS \$1C4A	..1CB8 4A	LSR
..1C4F 2C 00 DD	BIT \$DD00	..1CB9 4A	LSR
..1C52 70 02	BVS \$1C56	..1CBA 4D 00 DD	EOR \$DD00
..1C54 EA	NOP	..1CBD 91 F7	STA (\$F7), Y ablegen
..1C55 EA	NOP	..1CBF CA	DEX
..1C56 EA	NOP	..1CC0 E0 03	BEQ \$1CC5
..1C57 AD 00 DD	LDA \$DD00	..1CC2 4C 58 03	JMP \$0358
..1C5A 4A	LSR	..1CC5 A9 23	LDA ##23
..1C5B 4A	LSR	..1CC7 8D 00 DD	STA \$DD00
..1C5C 4D 00 DD	EOR \$DD00	..1CCA C0 FF	CPY \$FF
..1C5F 49 30	EOR ##30	..1CCC E0 03	BEQ \$1CD1
..1C61 4A	LSR	..1CEE 4C 49 03	JMP \$0349
..1C62 4A	LSR	..1ED1 C8	INX
..1C63 C8	INX	..1ED2 A5 FF	LDA \$FF
..1C64 EA	NOP	..1ED4 C8	INX
..1C65 EA	NOP	..1ED5 C8	INX
..1C66 4D 00 DD	EOR \$DD00	..1ED6 51 F7	EOR (\$F7), Y
..1C69 4A	LSR	..1ED8 C8	INX
..1C6A 4A	LSR	..1ED9 51 F7	EOR (\$F7), Y
..1C6B 4D 00 DD	EOR \$DD00	..1EDB C8	INX
..1C6E 91 F7	STA (\$F7), Y ablegen	..1CDC D0 F6	BNE \$1CD4
..1C70 45 FF	EOR \$FF	..1CDE 2C A9 80	SKP LDA \$580
..1C72 85 FF	STA \$FF	..1CE1 20 D3 14	JSR \$14D3
..1C74 AD 00 DD	LDA \$DD00	..1CE4 4C 40 01	JMP \$0140
..1C77 4A	LSR	..1CE7 A2 17	LDX ##17
..1C78 4A	LSR	..1CE9 A9 20	LDA ##20
..1C79 4D 00 DD	EOR \$DD00	..1CEB 9D E8 07	STA \$07EB, X
..1C7C 49 30	EOR ##30	..1CEE CA	DEX
..1C7E EA	NOP	..1CEF 10 FA	BPL \$1CEB
..1C7F C8	INX		

40330

40882

Normalwert

unbelegten Bereich des Bildschirmspeichers löschen

START

Byte senden

Byte holen

SUCK COPY

.,1CF1 4C 2F 1B JMP \$1B2F START, 100 J

960 3343

10-19-73 12:13 PM 11 92 11

122

SUCK COPY

Floppy routine: laden, \$0300

```

,C300 4C 92 03 JMP $0392
,C303 20 BB 05 JSR $05BB
,C306 78 SEI
,C307 20 00 02 JSR $0200
,C30A F0 19 BEQ $C325
,C30C 85 0F STA $0F
,C30E 29 7F AND #$7F
,C310 C9 40 CMP #$40
,C312 B0 1A BCS $C32E
,C314 85 06 STA $06
,C316 C9 29 CMP #$29
,C318 B0 22 BCS $C33C
,C31A A9 E0 LDA #$E0
,C31C 85 00 STA $00
,C31E 58 CLI
,C31F A5 00 LDA $00
,C321 30 FC BMI $C31F
,C323 10 E1 BPL $C306
,C325 8D 00 18 STA $1800
,C328 38 SEC
,C329 26 1C ROL $1C
,C32B 4C 94 C1 JMP $C194
,C32E 29 3F AND #$3F
,C330 85 07 STA $07
,C332 A2 01 LDX #$01
,C334 86 1C STX $1C
,C336 CA DEX
,C337 A9 02 LDA #$02
,C339 4C 0A E6 JMP $E60A
,C33C 20 42 03 JSR $0342
,C33F 4C 06 03 JMP $0306
,C342 A9 B0 LDA #$B0
,C344 48 PHA
,C345 4A LSR
,C346 4A LSR
,C347 4A LSR
,C348 4A LSR
,C349 AA TAX
,C34A BC 9B 05 LDY $059B,X
,C34D A2 00 LDX #$00
,C34F BE 00 18 STX $1800
,C352 68 PLA
,C353 29 0F AND #$0F
,C355 AA TAX
,C356 BD 9B 05 LDA $059B,X
,C359 AE 00 18 LDX $1800
,C35C D0 FB BNE $C359
,C35E 8D 00 18 STA $1800
,C361 0A ASL
,C362 29 0F AND #$0F
,C364 8D 00 18 STA $1800
,C367 98 TYA
,C368 EA NOP
,C369 8D 00 18 STA $1800
,C36C 0A ASL
,C36D 29 0F AND #$0F
,C36F 8D 00 18 STA $1800
,C372 4C AE E9 JMP $E9AE
,C375 A9 70 LDA #$70
,C377 85 4B STA $4B

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,C379 A5 43 LDA $43
,C37B 85 05 STA $05
,C37D 60 RTS
,C37E A9 D0 LDA #$D0
,C380 8D 05 18 STA $1805
,C383 2C 00 1C BIT $1C00
,C386 10 07 BPL $C38F
,C388 2C 05 18 BIT $1805
,C38B 30 F6 BMI $C3B3
,C38D 10 53 BPL $C3E2
,C38F 4C 67 F5 JMP $F567
,C392 A5 06 LDA $06
,C394 C9 24 CMP #$24
,C396 90 0C BCC $C3A4
,C398 AD 00 1C LDA $1C00
,C39B 29 9F AND #$9F
,C39D 8D 00 1C STA $1C00
,C3A0 A9 11 LDA #$11
,C3A2 85 43 STA $43
,C3A4 A2 15 LDX #$15
,C3A6 38 SEC
,C3A7 76 B4 ROR $B4,X
,C3A9 CA DEX
,C3AA D0 FA BNE $C3A6
,C3AC 86 11 STX $11
,C3AE 20 75 03 JSR $0375
,C3B1 24 0F BIT $0F
,C3B3 10 0A BPL $C3BF
,C3B5 20 00 02 JSR $0200
,C3B8 85 19 STA $19
,C3BA 30 29 BMI $C3E5
,C3BC 20 75 03 JSR $0375
,C3BF C6 4B DEC $4B
,C3C1 D0 25 BNE $C3E8
,C3C3 A6 11 LDX $11
,C3C5 BD DB FE LDA $FEDB,X
,C3C8 F0 18 BEQ $C3E2
,C3CA 85 4A STA $4A
,C3CC 20 2E FA JSR $FA2E
,C3CF A9 EE LDA #$EE
,C3D1 8D 0C 1C STA $1C0C
,C3D4 A9 A0 LDA #$A0
,C3D6 8D 05 18 STA $1805
,C3D9 2C 05 18 BIT $1805
,C3DC 30 FB BMI $C3D9
,C3DE E6 11 INC $11
,C3E0 D0 DA BNE $C3BC
,C3E2 20 42 03 JSR $0342
,C3E5 4C 18 F4 JMP $F418
,C3E8 20 7E 03 JSR $037E
,C3EB 84 31 STY $31
,C3ED A9 24 LDA #$24
,C3EF 85 30 STA $30
,C3F1 50 FE BVC $C3F1
,C3F3 B8 CLV
,C3F4 AD 01 1C LDA $1C01
,C3F7 C0 00 CPY #$00
,C3F9 D0 04 BNE $C3FF
,C3FB C9 52 CMP #$52
,C3FD D0 C0 BNE $C3BF
,C3FF 91 30 STA ($30),Y

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.,C401 C8      INY
.,C402 C0 04    CPY #$04
.,C404 D0 EB    BNE $C3F1
.,C406 A0 01    LDY #$01
.,C408 20 0D F8 JSR $F80D
.,C40B A5 54    LDA $54
.,C40D C5 43    CMP $43
.,C40F B0 AE    BCS $C3BF
.,C411 24 0F    BIT $0F
.,C413 10 06    BPL $C41B
.,C415 C5 19    CMP $19
.,C417 D0 A6    BNE $C3BF
.,C419 F0 07    BEQ $C422
.,C41B B5 19    STA $19
.,C41D AA      TAX
.,C41E B5 B5    LDA $B5,X
.,C420 10 8F    BPL $C3B1
.,C422 20 7E 03 JSR $037E
.,C425 50 FE    BVC $C425
.,C427 B8      CLV
.,C428 AD 01 1C LDA $1C01
.,C42B B5 24    STA $24
.,C42D A2 BF    LDX #$BF
.,C42F 9A      TXS
.,C430 50 FE    BVC $C430
.,C432 B8      CLV
.,C433 AD 01 1C LDA $1C01
.,C436 B5 25    STA $25
.,C438 A2 3F    LDX #$3F
.,C43A 4A      LSR
.,C43B 4B      PHA
.,C43C 50 FE    BVC $C43C
.,C43E B8      CLV
.,C43F AD 01 1C LDA $1C01
.,C442 9D C0 05 STA $05C0,X
.,C445 6A      ROR
.,C446 9D C0 01 STA $01C0,X
.,C449 50 FE    BVC $C449
.,C44B B8      CLV
.,C44C AD 01 1C LDA $1C01
.,C44F 0A      ASL
.,C450 9D 00 06 STA $0600,X
.,C453 3E C0 05 ROL $05C0,X
.,C456 29 06    AND #$06
.,C458 AB      TAY
.,C459 50 FE    BVC $C459
.,C45B B8      CLV
.,C45C AD 01 1C LDA $1C01
.,C45F 9D B0 06 STA $06B0,X
.,C462 4A      LSR
.,C463 4A      LSR
.,C464 19 7B 01 ORA $017B,Y
.,C467 9D 40 06 STA $0640,X
.,C46A 50 FE    BVC $C46A
.,C46C B8      CLV
.,C46D AD 01 1C LDA $1C01
.,C470 9D C0 06 STA $06C0,X
.,C473 29 07    AND #$07
.,C475 AB      TAY
.,C476 50 FE    BVC $C476
.,C478 B8      CLV
.,C479 AD 01 1C LDA $1C01

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```

.,C47C CA      DEX
.,C47D 30 1C    BMI $C49B
.,C47F 4A      LSR
.,C480 4B      PHA
.,C481 B0 0C    BCS $C48F
.,C483 4A      LSR
.,C484 4A      LSR
.,C485 19 70 01 ORA $0170,Y
.,C488 9D 01 07 STA $0701,X
.,C48B 1B      CLC
.,C48C 4C 3C 04 JMP $043C
.,C48F 4A      LSR
.,C490 4A      LSR
.,C491 19 70 01 ORA $0170,Y
.,C494 9D 01 07 STA $0701,X
.,C497 3B      SEC
.,C498 4C 3C 04 JMP $043C
.,C49B AA      TAX
.,C49C 4A      LSR
.,C49D 4A      LSR
.,C49E 4A      LSR
.,C49F 19 70 01 ORA $0170,Y
.,C4A2 8D 00 07 STA $0700
.,C4A5 50 FE    BVC $C4A5
.,C4A7 B8      CLV
.,C4A8 AD 01 1C LDA $1C01
.,C4AB B5 26    STA $26
.,C4AD 8A      TXA
.,C4AE 29 3F    AND #$3F
.,C4B0 B5 27    STA $27
.,C4B2 A2 4F    LDX #$4F
.,C4B4 9A      TXS
.,C4B5 A5 19    LDA $19
.,C4B7 20 44 03 JSR $0344
.,C4BA A2 3F    LDX #$3F
.,C4BC A9 00    LDA #$00
.,C4BE 8D 00 1B STA $1B00
.,C4C1 4B      PHA
.,C4C2 6B      PLA
.,C4C3 AD 00 1B LDA $1B00
.,C4C6 D0 FB    BNE $C4C3
.,C4C8 A9 0B    LDA $0B
.,C4CA 8D 00 1B STA $1B00
.,C4CD BC C0 01 LDY $01C0,X
.,C4D0 A9 00    LDA $00
.,C4D2 8D 00 1B STA $1B00
.,C4D5 B9 00 07 LDA $0700,Y
.,C4D8 8D 00 1B STA $1B00
.,C4DB 0A      ASL
.,C4DC 29 0F    AND #$0F
.,C4DE 8D 00 1B STA $1B00
.,C4E1 BD 80 01 LDA $01B0,X
.,C4E4 29 1F    AND #$1F
.,C4E6 AB      TAY
.,C4E7 B9 50 01 LDA $0150,Y
.,C4EA 8D 00 1B STA $1B00
.,C4ED 0A      ASL
.,C4EE 29 0F    AND #$0F
.,C4F0 8D 00 1B STA $1B00
.,C4F3 BC 00 06 LDY $0600,X
.,C4F6 B9 00 07 LDA $0700,Y
.,C4F9 24 00    BIT $00

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Stuck Copy

```

C4FB 8D 00 18 STA $1800
C4FE 0A      ASL
C4FF 29 0F      AND #$0F
C501 8D 00 18 STA $1800
C504 BD C0 05 LDA $05C0,X
C507 29 1F      AND #$1F
C509 A8      TAY
C50A B9 50 01 LDA $0150,Y
C50D 8D 00 18 STA $1800
C510 0A      ASL
C511 29 0F      AND #$0F
C513 8D 00 18 STA $1800
C516 BD 80 06 LDA $0680,X
C519 29 1F      AND #$1F
C51B A8      TAY
C51C B9 50 01 LDA $0150,Y
C51F 8D 00 18 STA $1800
C522 0A      ASL
C523 29 0F      AND #$0F
C525 8D 00 18 STA $1800
C528 BC 40 06 LDY $0640,X
C52B B9 00 07 LDA $0700,Y
C52E 8D 00 18 STA $1800
C531 0A      ASL
C532 29 0F      AND #$0F
C534 8D 00 18 STA $1800
C537 BC 00 07 LDY $0700,X
C53A B9 00 07 LDA $0700,Y
C53D 8D 00 18 STA $1800
C540 0A      ASL
C541 29 0F      AND #$0F
C543 8D 00 18 STA $1800
C546 BC C0 06 LDY $06C0,X
C549 B9 00 07 LDA $0700,Y
C54C 8D 00 18 STA $1800
C54F 0A      ASL
C550 29 0F      AND #$0F
C552 8D 00 18 STA $1800
C555 A9 00      LDA #$00
C557 CA      DEX
C558 30 08      BMI $C562
C55A 8D 00 18 STA $1800
C55D 24 00      BIT $00
C55F 4C C1 04 JMP $04C1
C562 A9 08      LDA #$08
C564 8D 00 18 STA $1800
C567 A5 25      LDA $25
C569 29 C0      AND #$C0
C56B 05 27      ORA $27
C56D B5 25      STA $25
C56F A0 00      LDY #$00
C571 20 E8 F7 JSR $F7E8
C574 20 00 02 JSR $0200
C577 A2 80      LDX #$80
C579 C5 53      CMP $53
C57B D0 0A      BNE $C587
C57D A4 52      LDY $52
C57F C0 07      CPY #$07
C581 D0 04      BNE $C587
C583 A6 19      LDX $19
C585 56 B5      LSR $B5,X
C587 86 5D      STX $5D

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```

C589 8A      TXA
C58A 20 44 03 JSR $0344
C58D 24 5D      BIT $5D
C58F 30 04      BMI $C595
C591 C6 05      DEC $05
C593 F0 03      BEQ $C598
C595 4C B1 03 JMP $03B1
C598 4C E2 03 JMP $03E2
C59B 0F      ???
C59C 07      ???
C59D 0D 05 0B ORA $0B05
C5A0 03      ???
C5A1 09 01      ORA #$01
C5A3 0E 06 0C ASL $0C06
C5A6 04      ???
C5A7 0A      ASL
C5AB 02      ???
C5A9 08      PHP
C5AA 00      BRK
C5AB 00      BRK
C5AC 20 40 60 JSR $6040
C5AF B0      ???
C5B0 A0 C0      LDY #$C0
C5B2 E0 00      CFX #$00
C5B4 00      BRK
C5B5 40      RTI
C5B6 40      RTI
C5B7 B0      ???
C5B8 B0      ???
C5B9 C0 C0      CPY #$C0
C5BB 20 42 D0 JSR $D042
C5BE A0 00      LDY #$00

```