

17.05.94

## GoDot

A. Detke

W. Kling

 to 800 - \$0FFF GOD.SET zedelerot  
 \$4000 - \$4FFF GOD.MAIN  
 J 2000 - \$3097 GoDot Lade

```

    .,1000 7D 5F 20 78 20 62 20 7B 14 * 1 +
    .,1008 5C 6A 76 74 65 20 64 63 E XI -
    .,1010 71 66 61 75 74 6F 20 77 0 A FG 0
    .,1018 63 73 6B 6E 75 64 6F 20 - V / T -
    .,1020 77 63 73 6B 7D 5F 64 78 0 V 1 - *
    .,1028 20 77 71 73 6B 7D 5F 20 0 V 1 -
    .,1030 78 20 62 71 73 71 6E 5F 0 V 1 V /
    .,1038 20 6F 20 62 63 73 72 68 F I - V -
    .,1040 75 74 78 20 77 20 7B 6C 0 V 0 H
    .,1048 7D 5F 64 78 20 77 20 7B 1 - V 0 +
    .,1050 6C 61 75 74 6F 20 77 65 L A H G 0
    .,1058 7B 6C 6E 5F 64 6F 20 77 H V T 0
    .,1060 65 7B 6C 61 75 74 6F 20 - H A H G
    .,1068 77 6E 7B 6C 68 75 76 78 0 / H 1 V V
    .,1070 20 62 20 7B 5C 61 75 76 0 A H E A X
    .,1078 6F 20 62 65 7B 5C 61 75 F I + E A /
    .,1080 76 6F 20 62 6E 7B 5C 6E 0 G 1 / E /
    .,1088 5F 20 6F 20 62 65 7B 5C 6 E 0 G 1 + E

    .,1090 A0 00 LDY #400
    .,1092 84 20 STY $20
    .,1094 84 A5 STY $A5
    .,1096 A5 A6 LDA $A6
    .,1098 DO 04 BNE $109E
    .,109A AD 88 02 LDA $0288
    .,109D 2C 0A 08 BIT $DEA9
    .,10A0 85 21 STA $21
    .,10A2 A5 22 LDA $22
    .,10A4 85 A4 STA $A4
    .,10A6 20 C1 10 JSR $10C1
    .,10A8 18 CLC
    .,10AA A5 A4 LDA $A4
    .,10AC 65 20 ADC $20
    .,10AE 85 A4 STA $A4
    .,10B0 A5 A5 LDA $A5
    .,10B2 65 21 ADC $21
    .,10B4 85 A5 STA $A5
    .,10B6 18 CLC
    .,10B7 A5 A4 LDA $A4
    .,10B9 65 23 ADC $23
    .,10BB 85 20 STA $20
    .,10BD A5 A5 LDA $A5
    .,10BF DO 2F BNE $10FO
    .,10C1 06 A4 ASL $A4
    .,10C3 26 A5 ROL $A5
    .,10C5 06 A4 ASL $A4
    .,10C7 26 A5 ROL $A5
    .,10C9 06 A4 ASL $A4
    .,10CB 26 A5 ROL $A5
    .,10CD A5 A5 LDA $A5
    .,10CF 48 PHA
    .,10D0 A5 A4 LDA $A4
    .,10D2 48 PHA
    .,10D3 06 A4 ASL $A4
    .,10D5 26 A5 ROL $A5
    .,10D7 06 A4 ASL $A4
    .,10D9 26 A5 ROL $A5
    .,10DB 18 CLC
    .,10DC 68 PLA
    .,10DD 65 A4 ADC $A4

    .,10DF 85 A4 STA $A4
    .,10E1 68 PLA
    .,10E2 65 A5 ADC $A5
    .,10E4 85 A5 STA $A5
    .,10E6 60 RTS
    .,10E7 18 CLC H60 01
    .,10E8 A5 20 LDA $20
    .,10EA 69 28 ADC #$28
    .,10EC 85 20 STA $20
    .,10EE A5 21 LDA $21
    .,10FO 69 00 ADC #$00
    .,10F2 85 21 STA $21
    .,10F4 60 RTS
    .,10F5 A0 00 LDY #400
    .,10F7 B9 D8 OF LDA $0FDB,Y
    .,10FA 91 20 STA ($20),Y
    .,10FC C8 INY XGJ
    .,10FD C4 24 CPY $24
    .,10FF DO F6 BNE $10F7
    .,1101 60 RTS
    .,1102 88 DEY XHJ
    .,1103 A9 20 LDA $20
    .,1105 99 D8 OF STA $0FDB,Y
    .,1108 88 DEY XHJ
    .,1109 10 FA BPL $1105
    .,110B 60 RTS
    .,110C E6 A6 INC $A6
    .,110E 20 90 10 JSR $1090
    .,1111 BD 34 03 LDA $0334,X
    .,1114 A4 24 LDY $24
    .,1116 20 08 11 JSR $1108
    .,1119 A6 25 LDX $25
    .,111B 20 F5 10 JSR $10F5
    .,111E 20 E7 10 JSR $10E7
    .,1121 CA DEX
    .,1122 DO F7 BNE $111B
    .,1124 60 RTS
    .,1125 A2 00 CLDX #400
    .,1127 A0 00 ALDY #400
    .,1129 C4 24 CPY $24
    .,112B F0 09 BEQ $1136
    .,112D B1 20 ALDA ($20),Y
    .,112F 49 80 EOR #$80
    .,1131 91 20 STA ($20),Y
    .,1133 C8 (INY XGJ
    .,1134 DO F3 BNE $1129
    .,1136 E8 INX YGJ
    .,1137 E4 25 CRX $25
    .,1139 F0 05 BEQ $1140
    .,113B 20 E7 10 JSR $10E7
    .,113E DO E7 (BNE) $1127
    .,1140 60 RTS
    .,1141 20 90 10 JSR $1090
    .,1144 86 AA STX $A4
    .,1146 BA TXA
    .,1147 18 CLC H18 40 80
    .,1148 0A ASL
    .,1149 0A ASL
    .,114A 0A ASL
    .,114B 65 AA ADC $AA
    .,114D 85 AB STA $AB
  
```

# Go Dog

.,114F A9 10 LDA #10  
 .,1151 85 A9 STA \$A9  
 .,1153 A0 08 LDY #\$08  
 .,1155 84 B0 STY \$B0  
 .,1157 20 AE 11 JSR \$11AE  
 .,115A 20 F5 10 JSR \$10F5  
 .,115D 20 E7 10 JSR \$10E7  
 .,1160 20 AE 11 JSR \$11AE  
 .,1163 A6 25 LDX \$25  
 .,1165 CA DEX  
 .,1166 20 21 11 JSR \$1121  
 .,1169 20 AE 11 JSR \$11AE  
 .,116C 20 F5 10 JSR \$10F5  
 .,116F A5 B4 LDA \$B4  
 .,1171 F0 03 BEQ \$1176  
 .,1173 20 A1 11 JSR \$11A1  
 .,1176 A2 00 LDX #\$00  
 .,1178 20 OC 11 JSR \$110C  
 .,117B A5 24 LDA \$24  
 .,117D 48 PHA  
 .,117E E8 INX  
 .,117F 86 24 STX \$24  
 .,1181 A5 AA LDA \$AA  
 .,1183 C9 OC CMP #\$OC  
 .,1185 90 02 ECD \$11B9  
 .,1187 C6 25 DEC \$25  
 .,1189 20 OC 11 JSR \$110C  
 .,118C 68 PLA  
 .,118D 85 24 STA \$24  
 .,118F E8 INX  
 .,1190 86 25 STX \$25  
 .,1192 A5 AA LDA \$AA  
 .,1194 C9 09 CMP #\$09  
 .,1196 90 02 ECD \$11A1  
 .,1198 C6 24 DEC \$24  
 .,119A 20 OC 11 JSR \$110C  
 .,119D A5 B4 LDA \$B4  
 .,119F F0 OC BEQ \$11AD  
 .,11A1 AE 34 03 LDX \$0334  
 .,11A4 AD 35 03 LDA \$0335  
 .,11A7 8E 35 03 STX \$0335  
 .,11AA BD 34 03 STA \$0334  
 .,11AD 60 RTS  
 .,11AE A4 B0 LDY \$B0  
 .,11B0 B1 A8 LDA (\$AB), Y  
 .,11B2 AA TAX  
 .,11B3 88 DEY  
 .,11B4 B1 A8 LDA (\$AB), Y  
 .,11B6 48 OPFAI  
 .,11B7 88 DEY  
 .,11B8 B1 A8 LDA (\$AB), Y  
 .,11BA 88 DEY  
 .,11BB 84 B0 STY \$B0  
 .,11BD A4 24 LDY \$24  
 .,11BF 88 DEY  
 .,11C0 99 DB OF STA \$0FD8, Y  
 .,11C3 88 DEY  
 .,11C4 68 PLA  
 .,11C5 20 05 11 JSR \$1105  
 .,11C8 8E DB OF STX \$0FD8  
 .,11CB 60 RTS  
 .,11CC B1 AB LDA (\$AB), Y

.,11CE 95 22 STA \$22, X  
 .,11D0 C8 INY  
 .,11D1 E8 INX  
 .,11D2 60 RTS  
 .,11D3 98 TYA  
 .,11D4 18 CLC  
 .,11D5 65 AB ADC \$AB  
 .,11D7 85 AB STA \$AB  
 .,11D9 A5 AC LDA \$AC  
 .,11DB 69 00 ADC #\$00  
 .,11DD 85 AC STA \$AC  
 .,11DF 60 RTS

.,11E0 86 AB STX \$AB *Anfang*  
 .,11E2 8E B8 OF STX \$0FB8  
 .,11E5 84 AC STY \$AC  
 .,11E7 8C 89 OF STY \$0FB9 *ablegen*  
 .,11EA A0 00 LDY #\$00  
 .,11EC B1 AB LDA (\$AB), Y *Rolle holen*  
 .,11EE F0 03 BEQ \$11F3 *ZERO TERMINATED*  
 .,11FO 20 D2 FF JSR \$FFD2 *Ausgeben*  
 .,11F3 C8 INY +1  
 .,11F4 D0 2F BNE \$1225 *nächster*  
 .,11F6 A0 00 LDY #\$00  
 .,11F8 A2 00 LDX #\$00  
 .,11FA 84 A6 STY \$A6  
 .,11FC 84 B4 STY \$B4  
 .,11FE 20 CC 11 JSR \$11C0  
 .,1201 E0 04 CPX #\$04  
 .,1203 DO F9 BNE \$11FE  
 .,1205 B1 AB LDA (\$AB), Y *Rolle holen*  
 .,1207 48 PHA  
 .,1208 29 OF AND #\$0F *Co-Nibble*  
 .,120A AA TAX  
 .,120B 68 PLA  
 .,120C 48 PHA  
 .,120D 29 20 AND #\$20  
 .,120F 85 B4 STA \$B4  
 .,1211 C8 INY +2  
 .,1212 C8 INY +2  
 .,1213 98 TYA *nach Akku*  
 .,1214 48 PHA + rollen  
 .,1215 20 41 11 JSR \$1141  
 .,1218 68 PLA  
 .,1219 AB TAY  
 .,121A 68 PLA  
 .,121B 10 03 BPL \$1220  
 .,121D 20 45 12 JSR \$1245  
 .,1220 C8 INY  
 .,1221 B1 AB LDA (\$AB), Y  
 .,1223 30 06 BMD \$122B  
 .,1225 20 D3 11 JSR \$11D3  
 .,1228 DO CC BNE \$11F6  
 .,122A 60 RTS  
 .,122B 0A ASL A  
 .,122C 10 FC BPL \$122A  
 .,122E 20 33 12 JSR \$1233  
 .,1231 DO ED BNE \$1220  
 .,1233 C8 INY +2  
 .,1234 20 D3 11 JSR \$11D3  
 .,1237 A2 00 LDX #\$00  
 .,1239 A0 00 LDY #\$00

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,,123B 20 CC 11 JSR \$11CC0  
,,123E EO 03 CPX #\$03  
,,1240 DO F9 BNE \$123B  
,,1242 A9 10 LDA #\$10  
,,1244 88 00 DEY 00  
,,1245 29 10 00 AND #\$10  
,,1247 85 B4 STA \$B4  
,,1249 A2 00 LDX #\$00  
,,124B 86 A6 STX #\$06  
,,124D CA DEX 00  
,,124E E8 INX 00  
,,124F C8 INY 00  
,,1250 B1 AB LDA (\$AB),Y  
,,1252 9D DB OF STA \$OFDB,X  
,,1255 DO F7 BNE \$124E  
,,1257 86 A7 STX #\$A7  
,,1259 38 SEC 00  
,,125A A5 24 LDA \$24  
,,125C E5 A7 SEC \$A7  
,,125E 4A LSR 00  
,,125F 86 24 STX \$24  
,,1261 AA TAX 00  
,,1262 CA DEX 00  
,,1263 E6 23 INC #\$23  
,,1265 CA DEX 00  
,,1266 10 FB BPL \$1263  
,,1268 E6 22 INC #\$22  
,,126A A2 01 LDX #\$0100  
,,126C 86 25 STX \$25  
,,126E 98 TYA 00  
,,126F 48 PHA 00  
,,1270 20 90 10 JSR \$1090  
,,1273 20 F5 10 JSR \$10F5  
,,1276 E8 INX 10  
,,1277 A5 B4 LDA \$B4  
,,1279 F0 01 BEQ \$127C  
,,127B E8 INX 00  
,,127C 20 0C 11 JSR \$110C  
,,127F 68 PLA 00  
,,1280 AB TAX 00  
,,1281 60 RTS 00  
,,1282 38 SEC 00  
,,1283 E5 B1 SBC \$B1  
,,1285 4A LSR 00  
,,1286 4A LSR 00  
,,1287 4A LSR 00  
,,1288 60 RTS \$A6  
,,1289 A6 7B LDX \$7B  
,,128B 86 B1 STX \$B1  
,,128D AD 03 DO LDA \$D003  
,,1290 20 82 12 JSR \$1282  
,,1293 85 B0 STA \$B0  
,,1295 A6 7A LDX \$7A  
,,1297 86 B1 STA \$B1  
,,1299 AD 02 DO LDA \$D002  
,,129C 20 B2 12 JSR \$1282  
,,129F AE 10 DO LDX \$D010  
,,12A2 F0 06 BEQ \$12AA  
,,12A4 C9 1D CMP #\$1D  
,,12A6 B0 02 BCS \$12AA  
,,12A8 69 20 ADC #\$20  
,,12AA 85 B1 STA \$B1  
,,12AC 60 RTS 00  
,,12AD 86 AB STX \$AB  
,,12AF 84 AC STY \$AC  
,,12B1 20 89 12 JSR \$1289  
,,12B4 A0 00 LDY #\$00  
,,12B6 F0 5B BEQ \$1313  
,,12B8 A2 00 LDX #\$00  
,,12BA 86 A6 STX \$A6  
,,12BC A0 00 LDY #\$00  
,,12BE B1 AB LDA (\$AB),Y  
,,12C0 30 61 BMI \$1323  
,,12C2 20 CC 11 JSR \$11CC  
,,12C5 E0 04 CPX #\$04  
,,12C7 DO F9 BNE \$12C2  
,,12C9 B1 AB LDA (\$AB),Y  
,,12CB 48 PHA 00  
,,12CC 0A ASL 00  
,,12CD 10 3A BPL \$1309  
,,12CF 20 24 13 JSR \$1324  
,,12D2 38 SEC 00  
,,12D3 A5 B0 LDA \$B0  
,,12D5 E5 22 SBC \$22  
,,12D7 90 30 BCC \$1309  
,,12D9 AA TAX 00  
,,12DA E4 25 CPX \$25  
,,12DC B0 2B BCS \$1309  
,,12DE 38 SEC 00  
,,12DF A5 B1 LDA \$B1  
,,12E1 E5 23 SBC \$23  
,,12E3 90 24 BCC \$1309  
,,12E5 AA TAX 00  
,,12E6 E4 24 CPX \$24  
,,12E8 B0 1F BCS \$1309  
,,12EA A0 05 LDY #\$05  
,,12EC B1 AB LDA (\$AB),Y  
,,12EE 8D BA OF STA \$OFBA  
,,12F1 C8 INY 00  
,,12F2 B1 AB LDA (\$AB),Y  
,,12F4 8D BB OF STA \$OFBB  
,,12F7 68 PLA 00  
,,12FB 20 90 10 JSR \$1090  
,,12FB 20 25 11 JSR \$1125  
,,12FE A2 40 LDX #\$40  
,,1300 20 1B 13 JSR \$131B  
,,1303 20 90 10 JSR \$1090  
,,1306 4C 25 11 JMP \$1125  
,,1309 A0 06 LDY #\$06  
,,130B 68 PLA 00  
,,130C 10 05 BPL \$1313  
,,130E C8 INY 00  
,,130F B1 AB LDA (\$AB),Y  
,,1311 DO FB BNE \$130E  
,,1313 C8 INY 00  
,,1314 20 D3 11 JSR \$11D3  
,,1317 DO 9F BNE \$12BB  
,,1319 A2 04 LDX #\$04  
,,131B A0 C7 LDY #\$C7  
,,131D B8 DEY 00  
,,131E DO FD BNE \$131D  
,,1320 CA DEX 00  
,,1321 DO FA BNE \$131D

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., 1323 60 RTS \$44  
., 1324 E6 22 INC #\$22  
., 1326 E6 23 INC #\$23  
., 1328 C6 24 DEC #\$24  
., 132A C6 24 DEC #\$24  
., 132C C6 25 DEC #\$25  
., 132E C6 25 DEC #\$25  
., 1330 60 RTS 71E ncver

., 1331 AD 19 D4 LDA #\$D419 house  
., 1334 A4 1D LDY \$1D  
., 1336 20 EB 13 JSR \$13EB  
., 1339 84 1D STY \$1D  
., 133B 18 CLC A9  
., 133C 6D 02 DO ADC #\$D002  
., 133F BD 02 DO STA #\$D002  
., 1342 BD 00 DO STA #\$D000  
., 1345 8A TXA  
., 1346 69 00 ADC #\$00  
., 1348 29 01 AND #\$01  
., 134A DO 03 BNE \$134F  
., 134C A9 00 LDA #\$00  
., 134E 2C A9 03 BIT #03A9  
., 1351 4D 10 DO EOR #\$D010  
., 1354 BD 10 DO STA #\$D010  
., 1357 AD 1A D4 LDA #\$D41A  
., 135A A4 1E LDY \$1E  
., 135C 20 EB 13 JSR \$13EB  
., 135F 84 1E STY \$1E  
., 1361 38 SEC  
., 1362 49 FF EOR #\$FF  
., 1364 6D 03 DO ADC #\$D003  
., 1367 BD 03 DO STA #\$D003  
., 136A AA TAX  
., 136B CA DEX  
., 136C CA DEX  
., 136D BE 01 DO STX #\$D001  
., 1370 20 9F FF JSR \$FF9F tastatur abfragen

., 1373 A5 C6 LDA \$L6 Tastaturpuffer  
., 1375 F0 28 BEQ \$139F leer  
., 1377 BD 76 02 LDA \$0276,X  
., 137A C9 03 CMP #\$03  
., 137C DO 05 BNE \$1383  
., 137E BD C5 OF STA \$0FC5  
., 1381 F0 08 BEQ \$138B  
., 1383 C9 0D CMP #\$0D  
., 1385 F0 18 BEQ \$139F  
., 1387 C9 A0 CMP #\$A0  
., 1389 F0 14 BEQ \$139F  
., 138B A2 00 LDX #\$00 Tastaturpuffer  
., 138D 86 C6 STX \$C6 löschen  
., 138F C9 11 CMP #\$11  
., 1391 F0 27 BEQ \$13BA  
., 1393 C9 91 CMP #\$91  
., 1395 F0 18 BEQ \$13AF  
., 1397 C9 1D CMP #\$1D  
., 1399 F0 38 BEQ \$13D3  
., 139B C9 9D CMP #\$9D  
., 139D F0 29 BEQ \$13C8  
139F AD 00 DC LDA #\$DC00 joystick  
13A2 29 10 AND #\$10  
13A4 DO 02 BNE \$13AB  
13A6 E6 C6 INC \$C6 eine Taste da

., 13AB AD 00 DC LDA #\$DC00 joystick  
., 13AB 29 01 AND #\$01  
., 13AD DO 04 BNE \$13B3  
., 13AF A9 FC LDA #\$EC  
., 13B1 DO 09 BNE \$13BC  
., 13B3 AD 00 DC LDA #\$DC00 joystick  
., 13B6 29 02 AND #\$02  
., 13BB DO 07 BNE \$13C1  
., 13BA A9 04 LDA #\$04  
., 13BC 18 CLC  
., 13BD 65 1E ADC #\$1E  
., 13BF 85 1E STA #\$1E  
., 13C1 AD 00 DC LDA #\$DC00  
., 13C4 29 04 AND #\$04  
., 13C6 DO 04 BNE \$13CC  
., 13CB A9 04 LDA #\$04  
., 13CA DO 09 BNE \$13D5  
., 13CC AD 00 DC LDA #\$DC00 Sozide  
., 13CF 29 08 AND #\$08  
., 13D1 DO 07 BNE \$13DA  
., 13D3 A9 FC LDA #\$EC  
., 13D5 18 CLC  
., 13D6 65 1D ADC #\$1D  
., 13D8 85 1D STA #\$1D  
., 13DA AD B7 OF LDA #\$0FB7  
., 13DD F0 03 BEQ \$13E2  
., 13DF CE B7 OF DEC #\$0FB7  
., 13E2 AD OD DC LDA #\$DC0D PQs Legeber  
., 13E5 68 PLA  
., 13E6 A8 TAY  
., 13E7 68 PLA  
., 13E8 AA RTX  
., 13E9 68 PLA  
., 13EA 40 RTI  
., 13EB 8C 92 OF STY #\$0F92  
., 13EE BD 91 OF STA #\$0F91  
., 13F1 A2 00 LDX #\$00  
., 13F3 38 SEC  
., 13F4 ED 92 OF SBC #\$0F92  
., 13F7 29 7F AND #\$7F  
., 13F9 C9 40 CMP #\$40  
., 13FB B0 07 BCS \$1404  
., 13FD 4A LSR  
., 13FE F0 12 BEQ \$1412  
., 1400 AC 91 OF LDY #\$0F91  
., 1403 60 RTS  
., 1404 09 C0 ORA #\$EC0  
., 1406 C9 FF CMP #\$FF  
., 1408 F0 08 BEQ \$1412  
., 140A 38 SEC  
., 140B 6A ROR  
., 140C A2 FF LDX #\$FF  
., 140E AC 91 OF LDY #\$0F91  
., 1411 60 RTS  
., 1412 A9 00 LDA #\$00  
., 1414 60 RTS  
., 1415 01 22 ORA (\$22, X)  
., 1417 A2 F2 LDX #\$F2  
., 1419 A0 1D LDY #\$1D  
., 141B 20 E1 1F JSR \$1FE1  
., 141E DO F7 BNE \$1417

START

1 2 3 4 5

# GoDot

., 1420 4C E1 1F JMP \$1FE1  
 ., 1423 A9 00 LDA #\$00  
 ., 1425 85 C6 Y STA \$C6  
 ., 1427 A5 C6 Y LDA \$C6  
 ., 1429 F0 FC K BEQ \$1427  
 ., 142B AE 88 OF LDX \$0F88  
 ., 142E AC 89 OF LDY \$0F89  
 ., 1431 20 AD 12 JSR \$12AD  
 ., 1434 30 ED Z BMI \$1423  
 ., 1436 20 3C 14 JSR \$143C  
 ., 1439 90 EB Y BCC \$1423  
 ., 143B 60 RTS  
 ., 143D 6C BA OF JMP (\$0F8A)  
 ., 143F AD 88 OF LDA \$0F88  
 ., 1442 8D 93 OF STA \$0F93  
 ., 1445 AD 89 OF LDA \$0F89  
 ., 1448 8D 94 OF STA \$0F94  
 ., 144B 60 RTS  
 ., 144C A2 C0 LDX #\$C0  
 ., 144E A0 1D LDY #\$1D  
 ., 1450 20 E1 1F JSR \$1FE1  
 ., 1453 38 SEC  
 ., 1454 60 RTS  
 ., 1455 4C E2 FC JMP \$1FCE2 **RESET**  
 ., 1458 4C 9E 1C JMP \$1C9E10  
 ., 145B 4C CF 1A JMP \$1ACF  
 ., 145E 4C 90 16 JMP \$1690  
 ., 1461 4C B4 17 JMP \$17B411  
 ., 1464 4C 02 15 JMP \$150210  
 ., 1467 4C C9 16 JMP \$16C9  
 ., 146A 4C 4D 17 JMP \$174D  
 ., 146D 4C A0 17 JMP \$17A0  
 ., 1470 4C 12 17 JMP \$1712  
 ., 1473 4C 05 1B JMP \$1B05  
 ., 1476 4C 4A 19 JMP \$194A  
 ., 1479 AD 20 B1 LDA \$B120  
 ., 147C FF 0924 LDY \$0924  
 ., 147D 98 TYA  
 ., 147E 4C 93 FF JMP \$FFF93  
 ., 1481 20 B4 FF JSR \$FFB4  
 ., 1484 98 TYA  
 ., 1485 4C 96 FF JMP \$FFF96  
 ., 1488 20 BD FF JSR \$FFBD  
 ., 148B AD AB OF LDA \$0FAB  
 ., 148E A0 6F LDY #\$6F  
 ., 1490 20 7A 14 JSR \$147A  
 ., 1493 A0 00 LDY #\$00  
 ., 1495 B1 BB LDA (\$BB), Y  
 ., 1497 20 AB FF JSR \$FFA8  
 ., 149A C8 INY  
 ., 149B C4 B7 CPY \$B7  
 ., 149D 90 F6 BCC \$1495  
 ., 149F 4C AE FF JMP \$FFFAE  
 ., 14A2 A9 00 LDA #\$00  
 ., 14A4 85 90 STA \$90  
 ., 14A6 BD AB OF STA \$0FAB  
 ., 14A9 BA TXA  
 ., 14AA A0 6F LDY #\$6F  
 ., 14AC 20 7A 14 JSR \$147A  
 ., 14AF A5 90 LDA \$90  
 ., 14B1 30 04 BMI \$14B7  
 ., 14B3 8A TXA  
 ., 14B4 BD AB OF STA \$0FAB  
 ., 14B7 20 BD 14 JSR \$14BD  
 ., 14BA 4C AE FF JMP \$FFFAE  
 ., 14BD BD A2 OF LDA \$0FA2,X  
 ., 14C0 29 F0 ORAND #\$FO  
 ., 14C2 OD AB OF ORA \$0FAB  
 ., 14C5 9D A2 OF STA \$0FA2,X  
 ., 14C8 60 RTS  
 ., 14C9 20 A9 1C JSR \$1CA9  
 ., 14CC B0 FA BCS \$14CB  
 ., 14CE AA TAX  
 ., 14CF 20 A2 14 JSR \$14A2  
 ., 14D2 AD AB OF LDA \$0FAB  
 ., 14D5 DO 45 BNE \$151C  
 ., 14D7 EE B5 OF INC \$0FB5  
 ., 14DA DO 22 BNE \$14FE  
 ., 14DC A9 17 OF LDA \$#17  
 ., 14DE A2 04 LDX #\$04  
 ., 14EO A0 20 LDY #\$20  
 ., 14E2 85 22 STA \$22  
 ., 14E4 86 23 STX \$23  
 ., 14E6 84 24 STY \$24  
 ., 14E8 A2 01 SLDX #\$01  
 ., 14EA B6 25 STX \$25  
 ., 14EC CA DEX  
 ., 14ED 86 A6 STX \$A6  
 ., 14EF 60 RTS  
 ., 14F0 20 DC 14 JSR \$14DC  
 ., 14F3 20 02 11 JSR \$1102  
 ., 14F6 20 90 10 JSR \$1090  
 ., 14F9 20 F5 10 JSR \$10F5  
 ., 14FC 18 CLC  
 ., 14FD 60 RTS  
 ., 14FE A2 86 LDX #\$86  
 ., 1500 A0 1D LDY #\$1D  
 ., 1502 86 AB STX \$AB  
 ., 1504 84 AC STY \$AC  
 ., 1506 4C B2 17 JMP \$17B2  
 ., 1509 AD AB OF LDA \$0FAB  
 ., 150C 48 PHA  
 ., 150D A2 08 LDX #\$08  
 ., 150F 20 A2 14 JSR \$14A2  
 ., 1512 EB LDX  
 ., 1513 E0 OC CPX #\$OC  
 ., 1515 DO F8 BNE \$150F  
 ., 1517 68 PLA  
 ., 1518 8D AB OF STA \$0FAB  
 ., 151B 60 RTS  
 ., 151C 38 SEC  
 ., 151D 60 RTS  
 ., 151E AC B6 OF LDY \$0FB6  
 ., 1521 DO 02 BNE \$1525  
 ., 1523 A0 02 LDY #\$02  
 ., 1525 CB INY  
 ., 1526 98 TYA  
 ., 1527 2C A9 01 BIT \$01A9  
 ., 152A 4B IPHA  
 ., 152B A9 01 LDA #\$01  
 ., 152D 20 62 15 JSR \$1562  
 ., 1530 68 PLA  
 ., 1531 AB TAY

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,,1532 20 A9 1C JSR \$1CA9  
,,1535 D0 05 BNE \$1536  
,,1537 A2 05 LDX #\$05  
,,1539 4C FD 03 JMP \$03FD  
,,153C AE 40 3F LDX \$3F40  
,,153F CA 8D DEX  
,,1540 DO OD BNE \$154F  
,,1542 AD BB OF LDA \$0FB8  
,,1545 EB INX  
,,1546 8D 41 3F STA \$3F41  
,,1549 DO 07 BNE \$1552  
,,154B CA 8D DEX  
,,154C DO 01 BNE \$154F  
,,154E EB INX  
,,154F 88 DEY  
,,1550 DO F9 BNE \$154B  
,,1552 BD 40 3F LDA \$3F40,X  
,,1555 8E 40 3F STX \$3F40  
,,1558 A2 01 LDX #\$01  
,,155A 86 22 STX \$22  
,,155C A8 TAY  
,,155D 4C 68 1B JMP \$1B68  
,,1560 A9 02 LDA #\$02  
,,1562 A0 03 LDY #\$03  
,,1564 85 B1 STA \$B1  
,,1566 A2 03 LDX #\$03  
,,1568 B9 D5 1C LDA \$1CD5,Y  
,,156B 95 22 STA \$22,X  
,,156D 88 DEY  
,,156E CA 8D DEX  
,,156F 10 F7 BPL \$1568  
,,1571 EB INX  
,,1572 86 A6 STX \$A6  
,,1574 A5 B0 LDA \$B0  
,,1576 48 PLA  
,,1577 A9 20 LDA #\$20  
,,1579 85 B4 STA \$B4  
,,157B 20 41 11 JSR \$1141  
,,157E 68 PLA  
,,157F 85 B0 STA \$B0  
,,1581 A0 0A LDY #\$0A  
,,1583 C6 B1 DEC \$B1  
,,1585 DO DF BNE \$1566  
,,1587 60 RTS  
,,1588 AD BB OF LDA \$0FB8  
,,158B BD B7 OF STA \$0FB7  
,,158E 60 RTS  
,,158F AD B7 OF LDA \$0FB7  
,,1592 F0 03 BEQ \$1597  
,,1594 4C 1B 18 JMP \$181B  
,,1597 20 88 15 JSR \$1588  
,,159A A2 01 LDX #\$01  
,,159C 86 25 STX \$25  
,,159E A2 14 LDX #\$14  
,,15A0 86 22 STX \$22  
,,15A2 A4 24 LDY \$24  
,,15A4 20 F3 14 JSR \$14F3  
,,15A7 A5 B0 LDA \$B0  
,,15A9 85 22 STA \$22  
,,15AB 20 90 10 JSR \$1090  
,,15AE AE A9 OF LDX \$0FAP  
,,15B1 F0 02 BEQ \$15B5  
,,15B3 A2 04 LEDX #\$04  
,,15B5 B1 20 LDA \$20,Y  
,,15B7 99 D8 OF STA \$0FD8,Y  
,,15BA 99 DC 03 STA \$03DC,Y  
,,15BD 9D 00 02 STA \$0200,X  
,,15C0 E8 CINX \$X00,T0  
,,15C1 C8 PINY \$Y00,T0  
,,15C2 C4 24 CPY \$24,X  
,,15C4 DO EF BNE \$15B5  
,,15C6 88 DEY  
,,15C7 B9 D8 OF LDA \$0FD8,Y  
,,15CA C9 20 CMP #20  
,,15CC F0 FB BEQ \$15C6,T0  
,,15CE C8 CINY \$Y00,T0  
,,15CF DO 05 BNE \$15D6,T0  
,,15D1 8C B7 OF STY \$0FB7,T0  
,,15D4 F0 46 BEQ \$161C,T0  
,,15D6 84 24 STY \$24  
,,15D8 8C BA OF STY \$0FBA  
,,15DB A9 00 LDA #\$00  
,,15DD 99 D8 OF STA \$0FD8,Y  
,,15E0 A9 14 LDA #\$14  
,,15E2 85 22 STA \$22  
,,15E4 20 C9 18 JSR \$16C9,T0  
,,15E7 AD A9 OF LDA \$0FAP  
,,15EA F0 11 BEQ \$15FD,T0  
,,15EC A0 00 LDY #\$00  
,,15EE B9 29 1D LDA \$1D29,Y  
,,15F1 99 00 02 STA \$0200,Y  
,,15F4 E6 24 INC \$24  
,,15F6 C8 PINY \$Y00,T0  
,,15F7 C0 04 CPY \$#04,T0  
,,15F9 90 F3 BCD \$15EE  
,,15FB F0 02 BEQ \$15FF,T0  
,,15FD A0 00 ALDY #\$00  
,,15FF B9 00 02 LDA \$0200,Y  
,,1602 F0 18 BEQ \$181C  
,,1604 85 A7 STA \$A7  
,,1606 29 3F AND \$3F  
,,1608 06 A7 ASL \$A7  
,,160A 24 A7 BIT \$A7  
,,160C 10 02 BPL \$1610,T0  
,,160E 09 80 ORA #\$80  
,,1610 70 02 BVS \$1614  
,,1612 09 40 ORA #\$40  
,,1614 99 00 02 STA \$0200,Y  
,,1617 C8 INY  
,,1618 C4 24 CPY \$24  
,,161A DO E3 BNE \$15FF  
,,161C 8C B9 OF STY \$0FB9  
,,161F 1B CLC  
,,1620 60 RTS  
,,1621 A9 01 LDA #\$01  
,,1623 20 62 15 JSR \$1562  
,,1626 20 30 16 JSR \$1630  
,,1629 A2 01 LDX #\$01  
,,162B B6 22 STX \$22  
,,162D 4C 3F 1B JMP \$1B3F  
,,1630 20 51 16 JSR \$1651  
,,1633 A5 B0 LDA \$B0  
,,1635 69 05 ADC #\$05

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.,1637 AA TAX BAJ  
 .,1638 EC AB OF CPX \$0FA8  
 .,163B FO 47 BEQ \$1684  
 .,163D AD AB OF LDA \$0FA8  
 .,1640 48 PHA  
 .,1641 BA TXA  
 .,1642 BD AB OF STA \$0FA8  
 .,1645 20 FO 14 JSR \$14F0  
 .,1648 20 C9 14 JSR \$14C9  
 .,164B 68 PLA  
 .,164C B0 03 BCS \$1651  
 .,164E BD AB OF STA \$0FA8  
 .,1651 AD AB OF LDA \$0FA8  
 .,1654 38 SEC  
 .,1655 E9 05 SBC #\$05  
 .,1657 85 22 STA \$22  
 .,1659 A9 0B LDA #\$0B  
 .,165B 85 24 STA \$24  
 .,165D A9 18 LDA #\$18  
 .,165F 85 23 STA \$23  
 .,1661 A0 01 LDY #\$01  
 .,1663 84 25 STY \$25  
 .,1665 88 DEY  
 .,1666 84 A6 STY \$06  
 .,1668 20 03 13 JSR \$1303  
 .,166B 20 A9 1C JSR \$1CA9  
 .,166E DO AF BNE \$161F  
 .,1670 AD 00 CO LDA \$0000  
 .,1673 65 B0 ADC \$00  
 .,1675 C9 08 CMP #\$08  
 .,1677 FO A6 BEQ \$161F  
 .,1679 C9 18 CMP #\$18 10  
 .,167B 90 04 BCC \$16B1 10  
 .,167D 20 AF 1C JSR \$1CAF1  
 .,1680 EB INX  
 .,1681 4C FD 03 JMP \$03FD  
 .,1684 20 FO 14 JSR \$14F0  
 .,1687 20 C9 14 JSR \$14C9  
 .,168A B0 C5 BCS \$1651  
 .,168C A9 0C LDA #\$0C  
 .,168E DO BE BNE \$164E  
 .,1690 20 A9 1C JSR \$1CA9  
 .,1693 FO 8A BEQ \$161F  
 .,1695 20 FO 14 JSR \$14F0  
 .,1698 20 C9 14 JSR \$14C9  
 .,169B 90 82 BCC \$161F  
 .,169D A2 00 LDX #\$001  
 .,169F AD AB OF LDA \$0FA8  
 .,16A2 A0 6F LDY #\$6F  
 .,16A4 20 81 14 JSR \$14B1  
 .,16A7 20 A5 FF JSR \$FFA5  
 .,16AA 9D D8 OF STA \$0FDB,X  
 .,16AD EB INX  
 .,16AE C9 0D CMP #\$0D1  
 .,16B0 DO F5 BNE \$16A2  
 .,16B2 CA DEX  
 .,16B3 FO EA BEQ \$169F  
 .,16B5 A9 00 LDA #\$00  
 .,16B7 9D D8 OF STA \$0FDB,X  
 .,16BA 20 AB FF JSR \$FFAB  
 .,16BD AD DB OF LDA \$0FDB  
 .,16C0 8D B4 OF STA \$0FB4  
 .,16C3 AD B9 OF LDA \$0FD9  
 .,16C6 8D B5 OF STA \$0FB5  
 .,16C9 A2 D8 LDY #\$0F  
 .,16CB A0 OF LDY #\$0F  
 .,16CD 4C 02 15 JMP \$1502  
 .,16D0 20 A9 1C JSR \$1CA9  
 .,16D3 DO 05 BNE \$16DA  
 .,16D5 A2 04 LDY #\$04  
 .,16D7 4C FD 03 JMP \$03FD  
 .,16DA AD B9 OF LDA \$0FB9  
 .,16DD FO 98 BEQ \$1677  
 .,16DF AB DATA  
 .,16EO AA DATA  
 .,16E1 CB RAINY  
 .,16E2 CB RAINY  
 .,16E3 84 B7 STY \$B7  
 .,16E5 BD FF 01 LDA \$01FF,X  
 .,16E8 99 FF 01 STA \$01FF,Y  
 .,16EB 88 UDEY AGI  
 .,16EC CA DEX  
 .,16ED DO F6 BNE \$16E5  
 .,16EF A9 53 LDA #\$53  
 .,16F1 8D 00 02 STA \$0200  
 .,16F4 A9 3A LDA #\$3A  
 .,16F6 8D 01 02 STA \$0201  
 .,16F9 20 8D 1C JSR \$1C8D  
 .,16FC A0 02 LDY #\$02  
 .,16FE A5 B7 LDA \$B7  
 .,1700 20 88 14 JSR \$1488  
 .,1703 20 90 16 JSR \$1690  
 .,1706 8E B9 OF STX \$0FB9  
 .,1709 20 60 15 JSR \$1560  
 .,170C CE B6 OF DEC \$0FB6  
 .,170F 4C 1E 15 JMP \$151E  
 .,1712 A9 CO LDA #\$00  
 .,1714 85 AF STA \$AF  
 .,1716 8A TXA  
 .,1717 85 A5 STA \$A5  
 .,1719 A0 00 LDY #\$00  
 .,171B 84 AE STY \$AE  
 .,171D 84 A4 STY \$A4  
 .,171F 78 SEI  
 .,1720 A5 01 LDA \$01  
 .,1722 48 PHA  
 .,1723 A9 30 LDA #\$30  
 .,1725 85 01 STA \$01  
 .,1727 A2 10 LDX #\$10  
 .,1729 B1 AE LDA (\$AE),Y  
 .,172B 48 PHA  
 .,172C B1 A4 LDA (\$A4),Y  
 .,172E 91 AE STA (\$AE),Y  
 .,1730 68 PLA  
 .,1731 91 A4 STA (\$A4),Y  
 .,1733 CB INY  
 .,1734 DO F3 BNE \$1729  
 .,1736 E6 AF INC \$AF  
 .,1738 E6 A5 INC \$A5  
 .,173A CA DEX  
 .,173B D0 EC BNE \$1729  
 .,173D 68 PLA  
 .,173E 85 01 STA \$01

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,,1740 58 CLI  
.,1741 60 RTS  
.,1742 A9 EO LDA #\$EO  
.,1744 DO 28 BNE \$176E  
.,1746 DO 03 BNE \$174B  
.,1748 4C 25 18 JMP \$1825  
.,1748 98 TYA  
.,174C 2C A0 01 BIT \$01A0  
.,174F A9 DO LDA #\$DO  
.,1751 DO 19 BNE \$176C  
.,1753 A0 07 LDY #\$07  
.,1755 2C A0 06 BIT \$06A0  
.,1758 2C A0 05 BIT \$05A0  
.,175B 2C A0 04 BIT \$04A0  
.,175E 2C A0 03 BIT \$03A0  
.,1761 2C A0 02 BIT \$02A0  
.,1764 2C A0 01 BIT \$01A0  
.,1767 2C A0 00 BIT \$00A0  
.,176A A9 FO LDA #\$FO  
.,176C 84 AA STY \$AA  
.,176E B5 AD STA \$AD  
.,1770 AA TAX  
.,1771 20 12 17 JSR \$1712  
.,1774 20 00 CO JSR \$C000  
.,1777 08 PHP  
.,1778 A6 AD LDX \$AD  
.,177A 20 12 17 JSR \$1712  
.,177D 28 PLP  
.,177E 60 RTS  
.,177F A9 DC LDA #\$DC  
.,1781 85 AE STA \$AE  
.,1783 A9 1E LDA #\$1E  
.,1785 85 AF STA \$AF  
.,1787 8D BD OF STA \$0FB0  
.,178A AD 95 OF LDA \$0F95  
.,178D DO 08 BNE \$1797  
.,178F A9 02 LDA #\$02  
.,1791 A2 BA LDX #\$BA  
.,1793 A0 1D LDY #\$1D  
.,1795 DO 06 BNE \$179D  
.,1797 A9 00 LDA #\$00  
.,1799 A2 B4 LDX #\$B4  
.,179B A0 1D LDY #\$1D  
.,179D 8D 95 OF STA \$0F95  
.,17A0 86 AB STX #\$AB  
.,17A2 84 AC STY #\$AC  
.,17A4 A4 24 LDY \$24  
.,17A6 20 02 11 JSR \$1102  
.,17A9 20 90 10 JSR \$1090  
.,17AC 20 F5 10 JSR \$10F5  
.,17AF 20 BF 17 JSR \$17BF  
.,17B2 A0 FF LDY #\$FF  
.,17B4 C6 22 DEC \$22  
.,17B6 C6 23 DEC \$23  
.,17BB A9 00 LDA #\$00  
.,17BA 20 45 12 JSR \$1245  
.,17BD 18 CLC  
.,17BE 60 RTS  
.,17BF A0 FF LDY #\$FF  
.,17C1 C8 INY  
.,17C2 B1 AB LDA (\$AB), Y  
.,17C4 91 AE STA (\$AE), Y  
.,17C6 DO F9 BNE \$17C1  
.,17CB 60 RTS  
.,17C9 A9 00 LDA #\$00  
.,17CB A2 01 LDX #\$01  
.,17CD 18 CLC  
.,17CE 6D 96 OF ADC \$0F96  
.,17D1 A8 TAY  
.,17D2 4A CLSR  
.,17D3 4A CLSR  
.,17D4 4A LSR  
.,17D5 4A LSR  
.,17D6 9D EO OF STA \$0EE0,X  
.,17D9 98 TYA  
.,17DA E8 INX  
.,17DB EO 10 CPX #\$10  
.,17DD DO EF BNE \$17CE  
.,17DF 60 RTS  
.,17E0 AC 96 OF LDY \$0F96  
.,17E3 A5 B1 LDA \$B1  
.,17E5 C9 11 CMP #\$11  
.,17E7 B0 09 BCS \$17F2  
.,17E9 88 DEY  
.,17EA C0 02 CPY #\$02  
.,17EC B0 OB BCS \$17F9  
.,17EE A0 10 LDY #\$10  
.,17FO DO 07 BNE \$17F9  
.,17F2 C8 INY  
.,17F3 C0 11 CPY #\$11  
.,17F5 90 02 BCC \$17F9  
.,17F7 A0 02 LDY #\$02  
.,17F9 98 TYA  
.,17FA 8D 96 OF STA \$0F96  
.,17FD 8D BD OF STA \$0FB0  
.,1800 20 05 1B JSR \$1B05  
.,1803 A0 02 LDY #\$02  
.,1805 99 E9 1E STA \$1EE9,Y  
.,1808 8A TXA  
.,1809 29 OF AND #\$0F  
.,180B DO 02 BNE \$180F  
.,180D A2 20 LDX #\$20  
.,180F 8A TXA  
.,1810 88 DEY  
.,1811 99 E9 1E STA \$1EE9,Y  
.,1814 20 C9 17 JSR \$17C9  
.,1817 A0 06 LDY #\$06  
.,1819 DO 99 BNE \$17B4  
.,181B A4 1F LDY \$1F  
.,181D DO 06 BNE \$1825  
.,181F 20 A9 1C JSR \$1CA9  
.,1822 4C 46 17 JMP \$1746  
.,1825 AD 89 OF LDA \$0FB9  
.,1828 F0 93 BEQ \$17BD  
.,182A 85 A7 STA \$A7  
.,182C A9 02 LDA #\$02  
.,182E 85 A9 STA \$A9  
.,1830 A9 C0 LDA #\$C0  
.,1832 8D B1 OF STA \$0FB1  
.,1835 85 21 STA \$21  
.,1837 A0 00 LDY #\$00  
.,1839 B4 A8 STY \$A8  
.,183B B4 20 STY \$20

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., 183D AD A9 OF LDA \$0FA9  
., 1840 DO 06 BNE \$184B  
., 1842 A9 40 LDA #\$40  
., 1844 85 21 STA \$211  
., 1846 DO 15 BNE \$185D  
., 1848 4A LSR #Y0A  
., 1849 B0 18 SBCS \$1863  
., 184B 4A LSR #A0A  
., 184C 90 04 BCC \$1852  
., 184E A9 10 LDA #\$10  
., 1850 DO 11 BNE \$1863  
., 1852 4A LSR #12  
., 1853 B0 0C SBCS \$1861  
., 1855 A6 B2 LDX \$B2  
., 1857 A4 B3 LDY #\$B3  
., 1859 86 20 STX \$20  
., 185B 84 21 STY #\$21  
., 185D A9 00 LDA #\$00  
., 185F F0 02 BEQ \$1863  
., 1861 A9 20 LDA #\$20  
., 1863 20 42 1C JSR \$1C420  
., 1866 86 AD STX \$AD140  
., 1868 20 A9 1C JSR \$1CA9  
., 186B DO 05 BNE \$1872  
., 186D A2 03 LDX #\$03  
., 186F 4C FD 03 JMP \$03FD0  
., 1872 20 12 17 JSR \$1712  
., 1875 84 AE STY \$AE240  
., 1877 84 AF STY \$AF1  
., 1879 84 90 STY \$901  
., 187B AE A9 OF LDX \$0EA9  
., 187E E0 08 CPX #\$08  
., 1880 90 01 BCC \$1883  
., 1882 60 RTS #188  
., 1883 8A TXA #189  
., 1884 DO 07 Y, BNE \$18BD11  
., 1886 E8 INX #189  
., 1887 8E BD OF STX \$0FB0D  
., 188A 4C 00 CO JMP \$C000  
., 188D 20 9E 1C JSR \$1C9E  
., 1890 20 96 1C JSR \$1C96  
., 1893 DO 67 BNE \$18EC01  
., 1895 20 96 1C JSR \$1C96  
., 1898 DO 62 BNE \$18FC  
., 189A A5 90 LDA \$901  
., 189C DO 0C BNE \$18AA  
., 189E 20 CF FF JSR \$FFFCF  
., 18A1 91 20 STA (\$200), Y  
., 18A3 C8 INY #18A  
., 18A4 DO F4 BNE \$189A  
., 18A6 E6 21 INC \$210  
., 18A8 DO F0 BNE \$189A  
., 18AA 20 FC 18 JSR \$18FC  
., 18AD AD A9 OF LDA \$0FA9  
., 18B0 4A LSR #A0A  
., 18B1 90 06 BCC \$18B9  
., 18B3 A2 01 LDX #\$01  
., 18B5 A0 1E LDY #\$1E  
., 18B7 DO 10 BNE \$18C9  
., 18B9 4A LSR #A0A  
., 18BA 90 06 BCC \$18C2  
., 18BC A2 15 LDX #\$15  
., 18BE AO 1E LDY #\$1E  
., 18C0 DO 07 BNE \$18C9  
., 18C2 4A LDX #\$6B  
., 18C3 90 2B LDY #\$1E  
., 18C5 A2 6B STX \$AE1  
., 18C7 A0 1E STY \$AF1  
., 18C9 86 AE LDA #\$00  
., 18CB 84 AF TAX #1E  
., 18CD A9 00 TAY #1E  
., 18D1 A9 20 LDA #\$20  
., 18D3 91 AE STA (\$AE), Y  
., 18D5 C8 INY #1E  
., 18D6 C0 0C CPY #\$0C  
., 18D8 DO F9 BNE \$18D3  
., 18DA 98 TYA #1E  
., 18DB 38 SEC #1E  
., 18DC ED BA OF SBC \$0FB0A  
., 18DF 4A LSR #18C  
., 18E0 A8 TAY #1E  
., 18E1 BD DC 03 LDA #\$03DC, X  
., 18E4 91 AE STA (\$AE), Y  
., 18E6 E8 INX #1E  
., 18E7 C8 INY #1E  
., 18E8 EC BA OF CPX \$0FB0A  
., 18EB 90 F4 BCC \$18E1  
., 18ED 20 90 16 JSR \$1690  
., 18F0 A2 01 LDX #\$01  
., 18F2 20 6B 16 JSR \$166B  
., 18F5 90 03 BCC \$18FA  
., 18F7 20 08 CB JSR \$CB08  
., 18FA 38 SEC #1E  
., 18FB 60 RTS #1E  
., 18FC 20 CF 1A JSR \$1ACF  
., 18FF 20 77 17 JSR \$1777  
., 1902 20 90 16 JSR \$1690  
., 1905 8E B9 OF STX \$0FB9  
., 1908 4C 90 1C JMP \$1C90  
., 190B AD 03 CO LDA \$C003  
., 190E 29 80 AND #\$80  
., 1910 F0 05 BEQ \$1917  
., 1912 AD 04 CO LDA \$C004  
., 1915 29 04 AND #\$04  
., 1917 60 RTS #1E  
., 1918 A2 01 LDX #\$01  
., 191A 20 0B 19 JSR \$190B  
., 191D F0 05 BEQ \$1924  
., 191F 4C 00 CO JMP \$C000  
., 1922 A2 00 LDX #\$00  
., 1924 A9 80 LDA #\$80  
., 1926 48 PHA #101  
., 1927 A9 1D LDA #\$1D  
., 1929 48 PHA #101  
., 192A A9 00 LDA #\$00  
., 192C F0 1D BEQ \$194B  
., 192E A9 6E LDA #\$6E  
., 1930 48 PHA #101  
., 1931 A9 1D LDA #\$1D  
., 1933 48 PHA #101  
., 1934 A9 01 LDA #\$01  
., 1936 DO 12 BNE \$194A

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., 1938 A9 74 LDA #\$74  
 ., 193A 48 PHA  
 ., 193B A9 1D LDA #\$1D  
 ., 193D 48 PHA  
 ., 193E A9 02 LDA #\$02  
 ., 1940 DO 08 BNE \$194A  
 ., 1942 A9 7A LDA #\$7A  
 ., 1944 48 PHA  
 ., 1945 A9 1D LDA #\$1D  
 ., 1947 48 PHA  
 ., 1948 A9 04 LDA #\$04  
 ., 194A AA TAX  
 ., 194B 8D A9 OF STA \$0FA9  
 ., 194E 86 1F STX \$1F  
 ., 1950 A2 29 LDX #\$29  
 ., 1952 A0 1D LDY #\$1D  
 ., 1954 86 AE STX \$AE  
 ., 1956 84 AF STY \$AF  
 ., 1958 68 PLA  
 ., 1959 85 AC STA \$AC  
 ., 195B 68 PLA  
 ., 195C 85 AB STA \$AB  
 ., 195E 20 BF 17 JSR \$17BF  
 ., 1961 A2 OF LDX #\$0F  
 ., 1963 A0 1D LDY #\$1D  
 ., 1965 86 AE STX \$AE  
 ., 1967 84 AF STY \$AF  
 ., 1969 A5 1F LDA #\$1F  
 ., 196B F0 06 BEQ \$1973  
 ., 196D A2 C9 LDX #\$C9  
 ., 196F A0 1E LDY #\$1E  
 ., 1971 DO 04 BNE \$1977  
 ., 1973 A2 B1 LDX #\$B1  
 ., 1975 A0 1E LDY #\$1E  
 ., 1977 86 AB STX \$AB  
 ., 1979 B4 AC STY \$AC  
 ., 197B 20 BF 17 JSR \$17BF  
 ., 197E 20 3F 14 JSR \$143F  
 ., 1981 A2 CD LDX #\$CD  
 ., 1983 A0 1C LDY #\$1C  
 ., 1985 20 EO 11 JSR \$11E0  
 ., 1988 AD FA 03 LDA \$03FA  
 ., 198B AE A9 OF LDX \$0FA9  
 ., 198E DO 27 BNE \$19B7  
 ., 1990 A6 1F LDX \$1F  
 ., 1992 DO 05 BNE \$1999  
 ., 1994 AD C3 OF LDA \$0FC3  
 ., 1997 DO 05 BNE \$199E  
 ., 1999 AD C4 OF LDA \$0FC4  
 ., 199C F0 1C BEQ \$19BA  
 ., 199E 48 PHA  
 ., 199F A9 A8 LDA #\$A8  
 ., 19A1 85 20 STA \$20  
 ., 19A3 A9 1F LDA #\$1F  
 ., 19A5 85 21 STA \$21  
 ., 19A7 A9 05 LDA #\$05  
 ., 19A9 85 23 STA \$23  
 ., 19AB A9 10 LDA #\$10  
 ., 19AD 85 24 STA \$24  
 ., 19AF A2 00 LDX #\$00  
 ., 19B1 A0 00 LDY #\$00  
 ., 19B3 20 B5 15 JSR \$15B5  
 ., 19B6 68 PLA A9 J-HI  
 ., 19B7 8D AB OF STA \$0FA8  
 ., 19BA 20 2A 1A JSR \$1A2A  
 ., 19BD A9 03 LDA #\$03  
 ., 19BF A2 18 LDX #\$18  
 ., 19C1 A0 OB LDY #\$0B  
 ., 19C3 20 E2 14 JSR \$14E2  
 ., 19C6 A9 05 LDA #\$05  
 ., 19CB 85 25 STA \$25  
 ., 19CA A2 02 LDX #\$02  
 ., 19CC 20 OC 11 JSR \$110C  
 ., 19CF 86 C6 STX \$C6  
 ., 19D1 20 84 16 JSR \$1684  
 ., 19D4 20 29 16 JSR \$1629  
 ., 19D7 AD A9 OF LDA \$0FA9  
 ., 19DA 29 08 AND #\$08  
 ., 19DC F0 01 BEQ \$19DF  
 ., 19DE 60 RTS  
 ., 19DF 20 23 14 JSR \$1423  
 ., 19E2 08 PHR YHL  
 ., 19E3 AE A8 OF LDX \$0FA8  
 ., 19E6 AD A9 OF LDA \$0FA9  
 ., 19E9 DO 0C BNE \$19F7  
 ., 19EB A5 1F LDA \$1F  
 ., 19ED F0 05 BEQ \$19F4  
 ., 19EF BE C4 OF STX \$0FC4  
 ., 19F2 DO 03 BNE \$19F7  
 ., 19F4 BE C3 OF STX \$0FC3  
 ., 19F7 26 FLR  
 ., 19FB 60 RTS  
 ., 19F9 A9 DB LDA #\$DB  
 ., 19FB 85 AE STA \$AE  
 ., 19FD A9 OF LDA #\$0F  
 ., 19FF 85 AF STA \$AF  
 ., 1A01 60 RTS  
 ., 1A02 B9 8B 1D LDA \$1D8B, Y  
 ., 1A05 91 AE STA (\$AE), Y  
 ., 1A07 88 DEY  
 ., 1A08 10 F8 QBPL \$1A02  
 ., 1A0A 60 RTS  
 ., 1A0B A0 03 LDY #\$03  
 ., 1A0D BD 8F 1D LDA \$1D8F, X  
 ., 1A10 91 AE STA (\$AE), Y  
 ., 1A12 CA DEX  
 ., 1A13 88 DEY  
 ., 1A14 10 F7 QBPL \$1A0D  
 ., 1A16 60 RTS  
 ., 1A17 A2 00 LDX #\$00  
 ., 1A19 86 A6 STX \$A6  
 ., 1A1B E8 INX  
 ., 1A1C 86 25 STX \$25  
 ., 1A1E E8 INX  
 ., 1A1F E8 INX  
 ., 1A20 86 22 STX \$22  
 ., 1A22 E8 INX  
 ., 1A23 86 24 STX \$24  
 ., 1A25 A2 1E LDX #\$1E  
 ., 1A27 86 23 STX \$23  
 ., 1A29 60 RTS  
 ., 1A2A 20 09 15 JSR \$1509  
 ., 1A2D 20 17 1A JSR \$1A17

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., 1A30 A0 08 LDY #\$08  
., 1A32 B9 A2 0F LDA \$0FA2, Y  
., 1A35 84 B0 STY \$B01  
., 1A37 AA TAX A0 00  
., 1A38 29 OF AND #\$0F  
., 1A3A F0 3C BEQ \$1A78  
., 1A3C 20 F9 19 JSR \$19F9, I  
., 1A3F 20 02 1A JSR \$1A02, I  
., 1A42 8A ITXA  
., 1A43 29 F0 CIAND #\$E0  
., 1A45 F0 5F BEQ \$1AA6  
., 1A47 0A ASL X  
., 1A48 BO 55 BCS \$1A9F  
., 1A4A OA Y, ASL X  
., 1A4B BO 42 BCS \$1ABF  
., 1A4D 48 PHA  
., 1A4E 28 PPLP BME  
., 1A4F 70 21 BVS \$1A72  
., 1A51 8A ITXA  
., 1A52 48 PHA  
., 1A53 A2 03 LDX #\$03  
., 1A55 20 0B 1A JSR \$1AOB  
., 1A58 68 PLA  
., 1A59 4A LSR Y  
., 1A5A 90 OD BCC \$1A69  
., 1A5C 4A Y, LSR R16  
., 1A5D BO 39 BCS \$1A98  
., 1A5F 4A LSR  
., 1A60 BO 2A BCS \$1ABC  
., 1A62 A2 07 LDX #\$07  
., 1A64 20 0B 1A JSR \$1AOB  
., 1A67 30 09 BMI \$1A72  
., 1A69 4A LSR  
., 1A6A BO 2F BCS \$1A9B  
., 1A6C 4A LSR  
., 1A6D BO 13 BCS \$1AB2  
., 1A6F 4A LSR AND R0  
., 1A70 90 06 BCC \$1A7B  
., 1A72 20 90 10 JSR \$1090  
., 1A75 20 F5 10 JSR \$10F5  
., 1A7B E6 22 INC \$22C, D1  
., 1A7A A4 B0 LDY \$B0C  
., 1A7C C8 INY  
., 1A7D C0 OD CPY #\$0D  
., 1A7F DO B1 BNE \$1A32  
., 1A81 60 RTS  
., 1A82 A2 03 LDX #\$03  
., 1A84 A9 34 LDA #\$34  
., 1A86 9D D8 OF STA \$0FD8, X  
., 1A89 A9 36 LDA #\$36  
., 1A8B 2C A9 35 BIT \$35A9  
., 1A8E 2C A9 34 BIT \$34A9  
., 1A91 A2 02 LDX #\$02  
., 1A93 9D D8 OF STA \$0FD8, X  
., 1A96 DO DA BNE \$1A72  
., 1A98 A2 0F LDX #\$0F  
., 1A9A 2C A2 0B BIT \$0BA2  
., 1A9D 10 C5 BPOR \$1A64  
., 1A9F A2 02 LDX #\$02  
., 1AA1 FE D8 OF INC \$0FD8, X  
., 1AA4 DO CC BNED \$1A72  
., 1AA6 A2 03 LDX #\$03  
., 1AA8 DE D8 OF DEC \$0FD8, X  
., 1AAB DO C5 BNE \$1A72  
., 1AAD A9 01 LDA #\$01  
., 1AAF A2 B2 LDX #\$B2  
., 1AB1 A0 1D LDY #\$1D  
., 1AB3 B5 A7 STA \$A7  
., 1AB5 B6 A8 STX \$AB  
., 1AB7 84 A9 STY \$A9  
., 1AB9 20 1C 1B JSR \$1B1C  
., 1ABC 20 D5 1A JSR \$1AD5  
., 1ABF A2 0D LDX #\$0D  
., 1AC1 20 C6 FF JSR \$FFC6  
., 1AC4 A0 00 LDY #\$00  
., 1AC6 20 CF FF JSR \$FFCF  
., 1AC9 99 00 BF STA \$BFOO, Y  
., 1ACD CB INY  
., 1ACD DO F7 BNE \$1AC6  
., 1ACF 20 CC FF JSR \$FFCC  
., 1AD2 4C 12 1B JMP \$1B12  
., 1AD5 AD AF OF LDA \$0CAF  
., 1AD8 20 05 1B JSR \$1B05  
., 1ADB BE AD 1D STX \$1DAD  
., 1ADE BD AE 1D STA \$1DAE  
., 1AE1 AD BO OF LDA \$0FB0  
., 1AE4 20 05 1B JSR \$1B05  
., 1AE7 BE BO 1D STX \$1DB0  
., 1AEA BD B1 1D STA \$1DB1  
., 1AED A2 OF LDX #\$0F  
., 1AEF 20 C9 FF JSR \$FFC9  
., 1AF2 A2 00 LDX #\$00  
., 1AF4 BD A5 1D LDA \$1DA5, X  
., 1AF7 20 D2 FF JSR \$FFD2  
., 1AFA E8 INX  
., 1AFB EO OD CPX #\$0D  
., 1AFD 90 F5 BCC \$1AF4  
., 1AFF 20 CC FF JSR \$FFCC  
., 1B02 4C 20 16 JMP \$1B90  
  
von 1473  
., 1B05 A2 30 LDX #\$30  
., 1B07 3B SEC  
., 1B08 E9 0A SBC #\$0A  
., 1B0A 90 03 BCC \$1B0F *10 abziehen*  
., 1B0C EB INX X+1  
., 1B0D BO F9 BCS \$1B08 *anred*  
., 1B0F 69 3A ADC #\$3A *58*  
., 1B11 60 RTS  
., 1B12 A9 OD LDA #\$0D  
., 1B14 20 C3 FF JSR \$FFC3  
., 1B17 A9 OF LDA #\$0F  
., 1B19 4C C3 FF JMP \$FFC3  
., 1B1C A9 OF LDA #\$0F  
., 1B1E A8 STAY  
., 1B1F AE AB OF LDX \$0FAB  
., 1B22 20 BA FF JSR \$FFBA  
., 1B25 A9 00 LDA #\$00  
., 1B27 20 39 1B JSR \$1B39  
., 1B2A A9 OD LDA #\$0D  
., 1B2C AB STAY  
., 1B2D AE AB OF LDX \$0FAB  
., 1B30 20 BA FF JSR \$FFBA  
., 1B33 A5 A7 LDA \$A7  
., 1B35 A6 A8 LDX \$AB

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# GoDot

,,1B37 A4 A9 LDY \$A9	,,1BC2 A2 05 LDX #\$05
,,1B39 20 BD FF JSR \$FFBD	,,1BC4 98 TYA
,,1B3C 4C C0 FF JMP \$FFC0	,,1BC5 F0 23 BEQ \$1BEA
,,1B3E 20 A9 1C JSR \$1CA9	,,1BC7 A9 0C LDA #\$0C
,,1B42 D0 05 BNE \$1B49	,,1BC9 85 B1 STA \$B1
,,1B44 A2 02 LDX #\$02	,,1BCB A9 08 LDA #\$08
,,1B46 4C FD 03 JMP \$03FD	,,1BCD 20 42 1C JSR \$1C42
,,1B49 AA TAX	,,1BD0 BD 00 BF LDA \$BF00,X
,,1B4A BD A2 0F LDA \$0FA2,X	,,1BD3 C9 2E CMP #\$2E
,,1B4D 0A ASL	,,1BD5 D0 3E BNE \$1C15
,,1B4E A9 01 LDA #\$01	,,1BD7 A0 03 LDY #\$03
,,1B50 90 05 BCC \$1B57	,,1BD9 CA DEX
,,1B52 A2 28 LDX #\$28	,,1BDA BD 00 BF LDA \$BF00,X
,,1B54 A9 03 LDA #\$03	,,1BDD D9 28 1D CMP \$1D28,Y
,,1B56 2C A2 12 BIT \$12A2	,,1BEO D0 03 BNE \$1BE5
,,1B59 8E AF OF STX \$0FAF	,,1BE2 88 DEY
,,1B5C 8D BB OF STA \$0FB8	,,1BE3 D0 F4 BNE \$1BD9
,,1B5F AB TAY	,,1BE5 98 TYA
,,1B60 A2 01 LDX #\$01	,,1BE6 D0 2D BNE \$1C15
,,1B62 8E 40 3F STX \$3F40	,,1BEB A2 09 LDX #\$09
,,1B65 BC 41 3F STY \$3F41	,,1BEA B6 B0 STX \$B0
,,1B68 CA DEX	,,1BEC 20 4C 1C JSR \$1C4C
,,1B69 BE B1 OF STX \$0FB1	,,1BEF 20 44 1C JSR \$1C44
,,1B6C BE B2 OF STX \$0FB2	,,1BF2 A0 00 LDY #\$00
,,1B6F BE B6 OF STX \$0FB6	,,1BF4 BD 00 BF LDA \$BF00,X
,,1B72 20 8D 1C JSR \$1C8D	,,1BF7 99 D8 OF STA \$0FD8,Y
,,1B75 98 TYA	,,1BFA E8 INX
,,1B76 AA TAX	,,1BFB C8 INY
,,1B77 8E B0 OF STX \$0FB0	,,1BFC C4 B1 CPY \$B1
,,1B7A A5 22 LDA \$22	,,1BFE D0 F4 BNE \$1BF4
,,1B7C 48 PHA	,,1C00 20 5E 1C JSR \$1C5E
,,1B7D 20 AD 1A JSR \$1AAD	,,1C03 98 TYA
,,1B80 68 PLA	,,1C04 F0 05 BEQ \$1C0B
,,1B81 B5 22 STA \$22	,,1C06 84 24 STY \$24
,,1B83 AD B5 OF LDA \$0FB5	,,1C08 20 C9 16 JSR \$16C9
,,1B86 29 OF AND #\$0F	,,1C0B EE B3 OF INC \$0FB3
,,1B88 D0 05 BNE \$1B8F	,,1C0E AD B2 OF LDA \$0FB2
,,1B8A 20 94 1B JSR \$1B94	,,1C11 C9 10 CMP #\$10
,,1B8D D0 E8 BNE \$1B77	,,1C13 F0 OF BEQ \$1C24
,,1B8F 20 90 1C JSR \$1C90	,,1C15 A9 20 LDA #\$20
,,1B92 18 CLC	,,1C17 20 42 1C JSR \$1C42
,,1B93 60 RTS	,,1C1A 8D B1 OF STA \$0FB1
,,1B94 A9 00 LDA #\$00	,,1C1D 90 20 BCC \$1C3F
,,1B96 8D B3 OF STA \$0FB3	,,1C1F AD B3 OF LDA \$0FB3
,,1B99 A9 02 LDA #\$02	,,1C22 F0 06 BEQ \$1C2A
,,1B9B 20 42 1C JSR \$1C42	,,1C24 EE 40 3F INC \$3F40
,,1B9E BD 00 BF LDA \$BF00,X	,,1C27 EE B6 OF INC \$0FB6
,,1BA1 29 07 AND #\$07	,,1C2A AD 01 BF LDA \$BF01
,,1BA3 F0 70 BEQ \$1C15	,,1C2D AE 40 3F LDX \$3F40
,,1BA5 C9 05 CMP #\$05	,,1C30 9D 40 3F STA \$3F40,X
,,1BA7 F0 6C BEQ \$1C15	,,1C33 AA TAX
,,1BA9 A9 10 LDA #\$10	,,1C34 AD 00 BF LDA \$BF00
,,1BAB 85 B1 STA \$B1	,,1C37 F0 05 BEQ \$1C3E
,,1BAD AD A9 OF LDA \$0FA9	,,1C39 AD B2 OF LDA \$0FB2
,,1BBO AB TAY	,,1C3C C9 10 CMP #\$10
,,1BB1 0D 39 03 ORA \$0339	,,1C3E 60 RTS
,,1BB4 D0 0C BNE \$1BC2	,,1C3F 4C 94 1B JMP \$1B94
,,1BB6 A9 08 LDA #\$08	,,1C42 85 B0 STA \$B0
,,1BBB 20 42 1C JSR \$1C42	,,1C44 AD B1 OF LDA \$0FB1
,,1BBD BD 00 BF LDA \$BF00,X	,,1C47 18 CLC
,,1BBD C9 2E CMP #\$2E	,,1C4B 65 B0 ADC \$B0
,,1BC0 F0 53 BEQ \$1C15	

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,1C4A AA RTS \$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C4B 60 RTS \$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C4C E6 22 INC \$22 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C4E EE B2 OF INC \$0EB2 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C51 A5 22 LDA \$22 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C53 AE B3 1D LDX \$1DB3 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C56 A0 10 LDY #\$10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C58 20 E2 14 JSR \$14E2 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C5B 4C F3 14 JMP \$14F3 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C5E A0 00 LDX #\$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C60 B9 DB OF LDA \$0EDB,Y 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C63 F0 24 BEQ \$1C89 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C65 30 1C BMI \$1C83 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C67 C9 20 CMP #\$2000 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C69 90 0A BCC \$1C75 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C6B C9 60 CMP #\$8000 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C6D 90 04 BCC \$1C73 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C6F 29 DF AND #\$DF00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C71 D0 02 BNE \$1C75 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C73 29 3F AND #\$3F 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C75 99 DB OF STA \$0EDB,Y 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C78 CB INY 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C7B D0 E3 BNE \$1C60 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C7D A9 00 LDA #\$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C7F 99 DB OF STA \$0EDB,Y 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C82 60 RTS \$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C83 C9 A0 CMP #\$A0 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C85 F0 F6 BEQ \$1C7D 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C87 29 7F AND #\$7F 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C89 09 40 ORA #\$40 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C8B D0 EB BNE \$1C75 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C8D A9 00 LDA #\$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C8F 2C A9 03 BIT \$03A9 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C92 8D 15 DO STA \$D015 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C95 60 RTS \$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C96 20 CF FF JSR \$FFFC 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C99 A0 00 LDY #\$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C9B A6 90 LDX #\$90 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1C9D 60 RTS \$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CAE 20 8D 1C JSR \$1C8D 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CA1 20 1C 1B JSR \$1B1C 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CA4 A2 OD LDX #\$0D 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CA6 4C C6 FF JMP \$FFFC 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CA9 AD AB OF LDA \$0EA8 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CAC C9 0C CMP #\$0C 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CAE 60 RTS \$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CAF A9 92 LDA #\$92 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CB1 A2 06 LDX #\$06 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CB3 2C A2 OD BIT \$0DA2 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CB4 8D 3A 03 STA \$033A 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CB9 A0 06 LDY #\$06 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CBB BD EC 03 LDA \$03ED,X 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CBE 99 02 DF STA \$DE02,Y 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CC1 CA DEX \$1C1C 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CC2 88 DEY \$1C1C 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CC3 10 F6 BPL \$1CBB 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CC5 AD 3A 03 LDA \$033A 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CC8 BD Q1 DF STA \$DF01 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
.1CCB 60 RTS \$00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
60 Dot

GoDaf

..:1EAC 0B 03 CE 22 19 53 01 16 KC//YSAV  
..:1EB4 05 00 04 1D 0B 03 CE 4C E0DJKC/L  
..:1EB8 14 45 18 09 14 00 03 15 TEXIT0CU  
..:1ED4 08 04 C7 18 19 4C OF 01 HDI XYLOA  
..:1EDC 04 00 0E 00 14 0B 01 00 D0N@TKA@  
..:1ED4 00 10 00 14 03 CA 7F 17 0P@TC@W  
..:1EDC 48 09 12 05 13 00 12 0E HIRES0RN  
..:1EE4 06 03 CE EQ 17 20 03 32 FC//WE 2  
..:1EEC 20 00 14 0E 06 03 CE 5C @TNFC/E  
..:1EF4 17 46 15 OC 0C 00 16 00 WFULL0V@  
..:1EFC 14 03 CB 62 17 44 09 13 TCMWDIS  
..:1FO4 10 OC 01 19 00 07 15 13 PLAY@GUS  
..:1FOC 0B 81 00 00 49 0D 01 07 KA@IMAG  
..:1F14 05 20 49 0E 06 0F 12 0D E INFORM  
..:1F1C 01 14 09 0F 0E 00 0B 1D PATION@KJ  
..:1F24 0B 07 4D 56 17 CO 00 00 KGMVW@Q  
..:1F2C 05 4C OF 01 04 3A 00 CO ELOAD:@-  
..:1F34 02 00 05 53 01 16 05 3A B0ESAVE:  
..:1F3C 00 CO 05 02 0E 43 OF 0C @EBNCOL  
..:1F44 OF 12 20 43 OF 0E 14 12 OR CONTR  
..:1F4C OF OC 13 00 CO 07 00 05 OLS@-6@E  
..:1F54 44 09 14 08 3A 00 CO 14 DITH:@-T  
..:1F5C 15 05 49 0E 13 14 00 CO UEINST@-  
..:1F64 12 16 OF 49 0D 01 07 05 RVIMAGE  
..:1F6C 20 4F 10 05 12 01 14 OF OPERATO  
..:1F74 12 13 00 CO 0E 01 OF 53 RSA-NADS  
..:1F7C 03 12 05 05 0E 20 43 OF CREEN CO  
..:1F84 0E 14 12 OF OC 13 00 CO NTROLS@-  
..:1F8C 12 01 08 43 OF OC OF 12 RAHCOLOR  
..:1F94 13 00 CO 14 01 09 45 18 S@-TAIEX  
..:1F9C 05 03 20 41 12 05 01 00 EC AREA@  
..:1FA4 CO 09 15 11 55 0E 14 09 -IUQUNTI  
..:1FAC 14 OC 05 04 20 20 20 20 TLED  
..:1FB4 20 20 20 20 00 CO 0B @-K  
..:1FEC 15 07 20 20 20 20 20 20 UG  
..:1FC4 20 00 CO 0D 15 07 20 20 @-MUG  
..:1FCC 20 20 20 20 00 CO OF @-O  
..:1FDA 15 07 20 20 20 20 20 20 UG  
..:1FDC 20 00 80 FF AD 88 OF @-mt@10

..:1FE1 AD 88 OF LDA \$0FB8  
..:1FE4 SD DF 1F STA \$1FDF  
..:1FE7 AD 89 OF LDA \$0FB9  
..:1FEA BD EO 1F STA \$1FE0  
..:1FED 20 EO 11 JSR \$11E0  
..:1FF0 20 23 14 JSR \$1423  
..:1FF3 AD DF 1F LDA \$1FDF0  
..:1FF6 BD 88 OF STA \$0FB8  
..:1FF9 AD EO 1F LDA \$1FE00  
..:1FFC BD 89 OF STA \$0FB9

Einsprung  
BASIC-ROM des Ladeirs

2000 A9 36 LDA #36 BASIC-ROM  
2002 85 01 STA \$01 Sausschalten  
2004 20 39 29 JSR \$2939 Parameter holen  
2007 20 CC 20 JSR \$20CC irgendwas kopieren  
200A BE 15 DO STX \$D015 =0  
200D A9 OE LDA #0E Kleinschrift  
200F 20 D2 FF JSR \$FFD2 einschalten  
2012 20 DD 20 JSR \$20DD irgendwas kopieren, RS-Farben  
2015 20 98 21 JSR \$219B "Waiting for Gold"  
2018 20 E5 23 JSR \$23E5 nachladen

..:201B 20 DD 20 JSR \$20DD irgendwas kopieren  
..:201E 20 7C 24 JSR \$247C Sprite kopieren  
..:2021 AE CC 2E LDX \$2ECC =150  
..:2024 8E 02 DO STX \$D002 Sprite  
..:2027 BE 00 DO STX \$D000 Position  
..:202A AE CD 2E LDX \$2EDD =0  
..:202D F0 05 BEQ \$2034  
..:202F A2 03 LDY #\$03 M&B  
..:2031 BE 10 DO STX \$D010 setzen  
..:2034 AE CE 2E LDX \$2ECE Koordinate  
..:2037 BE 01 DO STX \$D001 setzen  
..:203A E8 LDX \$3U +2  
..:203B E8 LDIX \$3U für +2  
..:203C BE 03 DO STX \$D003 Sprite 2  
..:203F AC CF 2E LDY \$2ECF  
..:2042 8C 27 DO STY \$D027 Farbe Sprite 1  
..:2045 AC DO 2E LDY \$2ED0  
..:2048 8C 28 DO STY \$D028 Farbe Sprite 2  
..:204B A9 OB LDA #\$0B \$02c0  
..:204D BD F9 07 STA \$07F9 Blockpointer  
..:2050 BD FB 07 STA \$07FB  
..:2053 AD 36 21 LDA \$2136  
..:2056 85 7A STA \$7A } = \$218  
..:2058 AD 37 21 LDA \$2137  
..:205B 85 7B STA \$7B  
..:205D 78 SEI  
..:205E AD 15 03 LDA \$0315 RQ-  
..:2061 BD 8D 0F STA \$0FB0 Vektoren  
..:2064 AD 14 03 LDA \$0314 treffen  
..:2067 BD 8C OF STA \$0FB0  
..:206A A9 31 LDA #\$31  
..:206C BD 14 03 STA \$0314 } \$183 neue IRQ  
..:206F A9 13 LDA #\$13  
..:2071 BD 15 03 STA \$0315  
..:2074 58 CLDI Lös ein  
..:2075 A2 10 LDX #\$10  
..:2077 BE A7 02 STX \$02A7  
..:207A 8E AB 02 STX \$02AB  
..:207D CA DEX KO  
..:207E BD DD 2E LDA \$2EDD, X  
..:2081 9D 98 OF STA \$0F9B, X  
..:2084 9D B0 02 STA \$02B0, X  
..:2087 CA DEX KO  
..:2088 10 F4 ABPL \$207E  
..:208A AD C2 2E LDA \$2ECA  
..:208D BD 95 OF STA \$0F95  
..:2090 AD C9 2E LDA \$2EC9  
..:2093 BD 96 OF STA \$0F96  
..:2096 20 73 14 JSR \$1473 durch Oferen  
..:2099 BD EB 1E STA \$1EEB  
..:209C BA TXA  
..:209D 29 OF AND #\$0F untere 4 Bits  
..:209F DO 02 BNE \$20A3  
..:20A1 A2 20 Y LDX #\$20  
..:20A3 BE EA 1E STX \$1EEA  
..:20A6 20 C9 17 JSR \$17C9  
..:20A9 AD CB 2E LDA \$2ECD \$0D  
..:20AC BD B8 OF STA \$0FB8  
..:20AF A9 03 LDA #\$03 2 Sprites  
..:20B1 BD 15 DO STA \$D015 einschalten  
..:20B4 BD OF STA \$0FB0

# GoDot

., 20B7 AD DB 20 LDA \$20DB = 1  
 ., 20BA 8D AB 28 STA \$2BA8 = 1  
 ., 20BD AD DC 20 LDA \$20DC = 24  
 ., 20C0 8D A9 28 STA \$2BA9 wieder mal vor kopieren  
 ., 20C3 20 CD 20 JSR \$20CC wieder mal vor kopieren  
 ., 20C6 20 2D 29 JSR \$292D in Zeilewah kopieren  
 ., 20C9 4C 17 14 JMP \$1417 ins Hauptprogramm  
 ., 20CC A2 40 LDX #\$140  
 ., 20CE BD AD 27 LDA \$27AD, X von 27ED  
 ., 20D1 9D 00 03 STA \$0300, X nach 03E0  
 ., 20D4 EB INX  
 ., 20D5 DO F7 BNE \$20CE kopieren  
 ., 20D7 BE AF 02 STX \$02AF = 0  
 ., 20DA 60 RTS  
 ., 20DB 01 24 DRA (\$24,X)  
 ., 20DD A0 0B LDY #\$0B  
 ., 20DF B9 D1 2E LDA \$2ED1, Y von 2ED1  
 ., 20E2 99 34 03 STA \$0334, Y nach 03E0  
 ., 20E5 88 DEY  
 ., 20E6 10 F7 BPL \$20DE  
 ., 20EB AD 38 03 LDA \$0338 = 6 = blau  
 ., 20EB BD 20 DO STA \$D020 Rahmen  
 ., 20EE 8D 21 DO STA \$D021 Bildschirm  
 ., 20F1 8D BE 0F STA \$0FBE  
 ., 20F4 60 RTS

## Mouse-Pointer-Sprite

., 120F5 . . . . .  
 ., 120FB . \*\* . . . .  
 ., 120FB . \*\*\* . . . .  
 ., 120FE . \*\*\* . . . .  
 ., 12101 . \*\*\* . . . .  
 ., 12104 . \*\*\* . . . .  
 ., 12107 . \*\*\* . . . .  
 ., 1210A . \*\*\* . . . .  
 ., 1210D . \*\*\* . . . .  
 ., 12110 . \*\*\* . . . .  
 ., 12113 . \*\*\* . . . .  
 ., 12116 . \*\*\* . . . .  
 ., 12119 . \*\*\* . . . .  
 ., 1211C . \*\*\* . . . .  
 ., 1211F . \*\*\* . . . .  
 ., 12122 . \*\*\* . . . .  
 ., 12125 . \*\*\* . . . .  
 ., 12126 . \*\*\* . . . .  
 ., 1212B . \*\*\* . . . .  
 ., 1212E . \*\*\* . . . .  
 ., 12131 . \*\*\* . . . .

., 2134 00 00 18 82 AE 00 00 00 00 X24000  
 ., 213C 04 02 00 1F 00 4D 2D 52 DB000M-R  
 ., 2144 C6 E5 02 55 30 3E 4D 31 -I BUO>M1  
 ., 214C 47 4F 44 2E 53 45 54 07 GOD.SETG  
 ., 2154 47 4F 44 2E 4D 41 49 4E GOD.MAIN  
 ., 215C 08 47 4F 44 2E 55 50 4D HGOD.UPM  
 ., 2164 45 4D 09 47 4F 44 2E 49 EMIGOD.I  
 ., 216C 4E 49 20 20 20 20 20 NI  
 ., 2174 20 20 20 47 4F 44 2E 49 GOD.I  
 ., 217C 4E 49 49 4E 49 2E 07 57 NIINT.GW  
 ., 2184 01 09 14 09 0E 07 20 06AITING F  
 ., 218C OF 12 20 47 OF 44 OF 14 OR GODOT

., 2194 20 2E 2E 2E A9 93 20 D2 . . . PW -  
 ., 2198 A9 93 1 LDA #\$93 CLS  
 ., 219A 20 D2 FF JSR \$FFD2 senden  
 ., 219D A0 14 LDY #\$14 aktuelle Farbe  
 ., 219F AE 86 02 LDX \$0286 PW -  
 ., 21A2 B9 83 2 LDA \$2183, Y waiting for GoDot  
 ., 21A5 99 89 01 STA \$0689, Y auf Bildschirm  
 ., 21A8 8A 03 TXA DS schreiben  
 ., 21A9 99 89 DA STA \$DAB9, Y weiß bzw. schwarz  
 ., 21AC 88 00 DEY  
 ., 21AD 10 F3 BPL \$21A2 Loop  
 ., 21AF 60 RTS  
 ., 21B0 A9 12 LDA #\$12  
 ., 21B2 8D 18 DO STA \$D018  
 ., 21B5 A9 08 LDA #\$08  
 ., 21B7 20 D2 FF JSR \$FFD2  
 ., 21BA A2 DE LDX #\$DE  
 ., 21BC A0 21 LDY #\$21  
 ., 21BE 20 EO 11 JSR \$11EO  
 ., 21C1 A9 0B LDA #\$0B  
 ., 21C3 BD 38 03 STA \$0338  
 ., 21C6 A9 09 LDA #\$09  
 ., 21C8 A2 07 LDX #\$07  
 ., 21CA A0 1A LDY #\$1A  
 ., 21CC 20 E2 14 JSR \$14E2  
 ., 21CF A2 05 LDX #\$05  
 ., 21D1 86 25 STX \$25  
 ., 21D3 86 A6 STX \$A6  
 ., 21D5 20 90 10 JSR \$1090  
 ., 21D8 AD 38 03 LDA \$0338  
 ., 21DB 4C 14 11 JMP \$1114  
  
 ., 21DE 93 00 00 28 19 02 00 00 \$00(YB00  
 ., 21E6 16 03 22 03 BC 00 00 57 VC"CL00W  
 ., 21EE 05 0C 03 0F 0D 05 21 00 ELCOME!@  
 ., 21F6 C0 01 06 1A EO A0 A0 A0 A0 AFZ  
 ., 21FE E1 20 20 20 20 20 20 20  
 ., 2206 A0 A0 A0 A0 E1 20 20 20  
 ., 220E 20 20 20 20 A0 20 00 CO  
 ., 2216 02 06 1A A0 E4 20 E5 A0 BFZ -  
 ., 221E 20 EO A0 A0 A0 E1 20 A0  
 ., 2226 20 20 E5 A0 20 EO A0 A0  
 ., 222E A0 E1 EB A0 A0 00 CO 03  
 ., 2236 06 1A A0 20 20 20 20 20 FZ  
 ., 223E A0 E4 20 E5 A0 20 A0 20  
 ., 2246 20 20 A0 20 A0 E4 20 E5  
 ., 224E A0 20 A0 20 00 CO 04 06  
 ., 2256 1A A0 20 120 A0 A0 20 A0 Z  
 ., 225E 20 20 20 A0 20 A0 20 20  
 ., 2266 20 A0 20 A0 20 20 20 A0  
 ., 226E 20 A0 20 00 CO 05 06 1A OF @-EFZ  
 ., 2276 A0 20 20 20 A0 20 A0 20  
 ., 227E 20 20 A0 20 A0 20 20  
 ., 22B6 A0 20 A0 20 20 20 A0 20  
 ., 228E A0 20 00 CO 06 08 1A A0 @-FFZ  
 ., 2296 E6 20 E7 A0 20 A0 E6 20  
 ., 229E E7 A0 20 A0 20 20 E7 A0  
 ., 22A6 20 A0 E6 20 E7 A0 20 A0

Co Dat

., 22AE E6 00 C0 07 06 1A E2 A0 30+GFZ  
., 22B6 A0 A0 E3 20 E2 A0 A0 A0  
., 22BE E3 20 A0 A0 A0 A0 E3 20  
., 22C6 E2 A0 A0 A0 E3 20 E2 A0  
., 22CE 00 C0 08 06 1A E9 EA EA 0-HFZ#11  
., 22D6 EA EB 20 E9 EA EA EA EB 1F#111F  
., 22DE 20 EA EA EA EA EB 20 E9 1111F#  
., 22E6 EA EA EA EB 20 E9 EA 00 1111F#0  
., 22EE C0 09 06 1A EC 20 20 20 -IFZ#  
., 22F6 EC 20 EC 20 20 20 EC 20  
., 22FE EC 20 20 20 EC 20 EC 20  
., 2306 20 20 EC 20 EC 20 00 C0  
., 230E 0A 06 1A ED 20 20 20 ED JFZ#  
., 2316 20 ED 20 20 20 ED 20 ED  
., 231E 20 20 20 ED 20 ED 20 20  
., 2326 20 ED 20 ED 20 00 C0 OB 0-K  
., 232E 06 1A EE 20 20 EE EE 20 FZ#1111  
., 2336 EE 20 20 20 EE 20 EE 20  
., 233E 20 20 EE 20 EE 20 20 20  
., 2346 EE 20 EE 20 00 C0 OC 06 0-LF  
., 234E 1A EF 20 20 20 20 EF Z#  
., 2356 20 20 20 EF 20 EF 20 20  
., 235E 20 EF 20 EF 20 20 20 EF  
., 2366 20 EF 20 00 C0 OF 08 14 0-DHT  
., 236E 41 2E 20 44 05 14 14 OB A. DETTK  
., 2376 05 20 26 20 57 2E 20 4B E & W. K  
., 237E 0C 09 0E 07 00 C0 11 0E LING#-QN  
., 2386 09 31 39 39 31 2D 31 39 11991-19  
., 238E 39 33 00 C0 13 08 14 43 93#-SHTC  
., 2396 36 34 20 49 0D 01 07 05 64 IMAGE  
., 239E 20 50 12 0F 03 05 13 13 PROCESS  
., 23A6 09 0E 07 00 80 49 0E 13 LING#-INS  
., 23AE 14 01 0C 0C 09 0E 07 3A TALLING#  
., 23B6 20 20 20 20 20 20 20 20  
., 23BE 20 20 20 20 20 20 20 20  
., 23C4 20 00 A2 OF A9 20 9D B7 0-DPK#  
., 23CB A2 OF LDX #0F 00 10 00 00 00 00 00  
., 23CA A9 20 LDA #20 00 00 00 00 00 00 00  
., 23CC 9D B7 23 STA \$23B7,X  
., 23CF CA DEX  
., 23D0 10 FA BPL \$23CC  
., 23D2 A9 14 LDA #14  
., 23D4 A2 06 LDX #06  
., 23D6 A0 1C LDY #1C  
., 23D8 20 E2 14 JSR \$14E2  
., 23DB 20 F3 14 JSR \$14F3  
., 23DE A2 AB LDX #AB  
., 23EO A0 23 LDY #23  
., 23E2 4C 64 14 JMP \$1464  
., 23E5 AD 53 21 LDA \$2153  
., 23E8 A2 4C LDX #4C  
., 23EA A0 21 LDY #21  
., 23EC 20 BD FF JSR \$FFBD  
., 23EF A9 01 LDA #01  
., 23F1 A6 BA LDX \$BA  
., 23F3 A0 00 LDY #00  
., 23F5 20 BA FF JSR \$FFBA  
., 23FB A9 00 LDA #00  
., 23FA AA TAX  
., 23FB A0 08 LDY #08  
., 23FD 20 D5 FF JSR \$FFD5  
., 2400 B0 77 BCS \$2479  
., 2402 AD 5C 21 LDA \$215C  
., 2405 A2 54 LDX #54  
., 2407 A0 21 LDY #21  
., 2409 20 BD FF JSR \$FFBD  
., 240C A9 01 LDA #01  
., 240E A6 BA LDX \$BA  
., 2410 A0 00 LDY #00  
., 2412 20 BA FF JSR \$FFBA  
., 2415 A9 00 LDA #00  
., 2417 AA TAX  
., 2418 A0 10 LDY #10  
., 241A 20 D5 FF JSR \$FFD5  
., 241D B0 5A BCS \$2479  
., 241F 20 B0 21 JSR \$21B0  
., 2422 AD 66 21 LDA \$2166  
., 2425 A2 5D LDX #5D  
., 2427 A0 21 LDY #21  
., 2429 20 BD FF JSR \$FFBD  
., 242C A9 01 LDA #01  
., 242E A6 BA LDX \$BA  
., 2430 A0 00 LDY #00  
., 2432 20 BA FF JSR \$FFBA  
., 2435 A9 00 LDA #00  
., 2437 AA TAX  
., 243B A0 F0 LDY #F0  
., 243A 20 D5 FF JSR \$FFD5  
., 243D B0 3A BCS \$2479  
., 243F AD 82 21 LDA \$2182  
., 2442 A2 67 LDX #67  
., 2444 A0 21 LDY #21  
., 2446 20 BD FF JSR \$FFBD  
., 2449 A9 01 LDA #01  
., 244B A6 BA LDX \$BA  
., 244D A0 00 LDY #00  
., 244F 20 BA FF JSR \$FFBA  
., 2452 A9 00 LDA #00  
., 2454 AA TAX  
., 2455 A0 38 LDY #38  
., 2457 20 D5 FF JSR \$FFD5  
., 245A 90 03 BCD \$245F  
., 245C EE C7 27 INC \$27C7  
., 245F A5 BA LDA \$BA  
., 2461 8D A8 OF STA \$0FA8  
., 2464 8D C4 OF STA \$0FC4  
., 2467 8D C3 OF STA \$0FC3  
., 246A 8D A7 28 STA \$28A7  
., 246D 8D AC 02 STA \$02AC  
., 2470 20 54 25 JSR \$2554  
., 2473 20 A6 29 JSR \$29A6  
., 2476 4C 2B 26 JMP \$262B  
., 2479 4C E2 FC JMP \$FCE2 RESET  
., 247C A9 C0 LDA #C0  
., 247E B5 20 STA #20  
., 2480 A2 02 LDX #02  
., 2482 86 21 STX \$21  
., 2484 A0 3E LDY #3E 62+1 Bytes  
., 2486 B9 F5 20 LDA \$20F5, Y Sprite  
., 2489 91 20 STA (\$20), Y kopieren  
., 248B BB DEY

*Go Dot*

., 248C 10 FB BPL \$24B6 *loop*  
 ., 248E 60 RTS  
 ., 248F 20 D5 26 JSR \$25D5  
 ., 2492 A5 01 LDA #\$01  
 ., 2494 48 PHA \$AD 40 00 00  
 ., 2495 A9 37 LDA #\$37  
 ., 2497 85 01 STA \$01  
 ., 2499 A0 00 LDY #\$00  
 ., 249B A2 09 LDX #\$09  
 ., 249D 8C 80 DE STY \$DE80  
 ., 24A0 BD 00 80 LDA \$8000,X  
 ., 24A3 C9 50 CMP #\$50  
 ., 24A5 DO 0A BNE \$24B1  
 ., 24A7 E8 INX  
 ., 24A8 BD 00 80 LDA \$8000,X  
 ., 24AB C9 46 CMP #\$46  
 ., 24AD DO 02 BNE \$24B1  
 ., 24AF A2 03 LDX #\$03  
 ., 24B1 68 PLA  
 ., 24B2 85 01 STA \$01  
 ., 24B4 88 DEY  
 ., 24B5 8C 80 DE STY \$DE80  
 ., 24B8 EO 0A CPX #\$0A  
 ., 24BA DO 01 BNE \$24BD  
 ., 24BC CA DEX  
 ., 24BD B6 AD STX #\$AD  
 ., 24BF AD C7 OF LDA \$0FC7  
 ., 24C2 FO 08 BEQ \$24CC  
 ., 24C4 EO 09 CPX #\$09  
 ., 24C6 DO 04 BNE \$24CC  
 ., 24C8 A9 02 LDA #\$02  
 ., 24CA 85 AD STA \$AD  
 ., 24CC EO 09 CPX #\$09  
 ., 24CE 90 69 BCC \$2539  
 ., 24D0 A2 00 LDX #\$00  
 ., 24D2 AD 09 DF LDA \$DF09  
 ., 24D5 C9 1F CMP #\$1F  
 ., 24D7 DO 09 BNE \$24E2  
 ., 24D9 AD 0A DF LDA \$DF0A  
 ., 24DC C9 3F CMP #\$3F  
 ., 24DE DO 02 BNE \$24E2  
 ., 24E0 A2 02 LDX #\$02  
 ., 24E2 8A TXA  
 ., 24E3 FO 54 BEQ \$2539  
 ., 24E5 0A ASL  
 ., 24E6 85 AD STA \$AD  
 ., 24E8 A9 4C LDA #\$4C  
 ., 24EA 8D AA 28 STA \$28AA  
 ., 24ED A9 EO LDA #\$EO  
 ., 24EF 8D AB 28 STA \$2BAB  
 ., 24F2 AD 00 DF LDA \$DF00  
 ., 24F5 29 10 AND #\$10  
 ., 24F7 DO 04 BNE \$24FD  
 ., 24F9 06 AD ASL \$AD  
 ., 24FB DO 3C BNE \$2539  
 ., 24FD AO 91 LDY #\$91  
 ., 24FF 20 45 25 JSR \$2545  
 ., 2502 A9 BO LDA #\$BO  
 ., 2504 8D 3B 21 STA \$2138  
 ., 2507 CE 3D 21 DEC \$213D  
 ., 250A CE 40 21 DEC \$2140  
 ., 250D 88 DEY  
 ., 250E B4 B0 CASTY \$BO  
 ., 2510 20 45 25 JSR \$2545  
 ., 2513 EE 3A 21 INC  
 ., 2516 E6 B0 INC  
 ., 2518 20 45 25 JSR \$2545  
 ., 251B CE 3A 21 DEC  
 ., 251E CB 00 INC  
 ., 251F 20 45 25 JSR \$2545  
 ., 2522 A9 AE LDA #\$AE  
 ., 2524 8D 38 21 STA \$2138  
 ., 2527 EE 3D 21 INC  
 ., 252A EE 40 21 INC  
 ., 252D 98 RTYA  
 ., 252E 38 SEC  
 ., 252F E5 B0 SBC \$BO  
 ., 2531 F0 02 BEQ \$2535  
 ., 2533 E6 AD INC  
 ., 2535 BB DEY  
 ., 2536 20 45 25 JSR \$2545  
 ., 2539 A2 0C LDX #\$0C  
 ., 253B A5 AD LDA #\$AD  
 ., 253D 1D A2 OF ORA \$0FA2,X  
 ., 2540 9D A2 OF STA \$0FA2,X  
 ., 2543 38 SEC  
 ., 2544 60 RTS  
 ., 2545 A2 08 LDX #\$08  
 ., 2547 BD 38 21 LDA \$2138,X  
 ., 254A 9D 02 DE STA \$DF02,X  
 ., 254D CA DEX  
 ., 254E 10 F7 BPL \$2547  
 ., 2550 8C 01 DF STY \$DF01  
 ., 2553 60 RTS  
 ., 2554 20 09 15 JSR \$1509  
 ., 2557 A9 02 LDA #\$02  
 ., 2559 85 AC STA \$AC  
 ., 255B AD AB OR LDA \$0FA8  
 ., 255E 48 PHA  
 ., 255F A2 08 NUDX #\$08  
 ., 2561 A0 00 LDY #\$00  
 ., 2563 BD A2 OF LDA \$0FA2,X  
 ., 2566 29 OF AND #\$0F  
 ., 2568 F0 4F BEQ \$25B9  
 ., 256A 9D A2 OF STA \$0FA2,X  
 ., 256D A0 05 LDY #\$05  
 ., 256F B9 41 21 LDA \$2141,Y  
 ., 2572 99 D8 OF STA \$0FD8,Y  
 ., 2575 BB DEY  
 ., 2576 10 F7 BPL \$256F  
 ., 2578 A9 D8 LDA #\$D8  
 ., 257A 85 BB STA \$BB  
 ., 257C A9 0F LDA #\$0F  
 ., 257E 85 BC STA \$BC  
 ., 2580 A9 06 LDA #\$06  
 ., 2582 85 B7 STA \$B7  
 ., 2584 8A TXA  
 ., 2585 20 8E 14 JSR \$148E  
 ., 2588 8A TXA  
 ., 2589 AO 6F LDY #\$6F  
 ., 258B 20 81 14 JSR \$1481  
 ., 258E 20 A5 FF JSR \$FFA5  
 ., 2591 B5 B0 STA \$BO

GoDot

,2593 20 A5 FF JSR \$FFA5  
,2596 85 B1 STA \$B1  
,2598 20 AB FF JSR \$FFAB  
,259B A5 B0 LDA \$B0  
,259D 29 F0 AND #\$F0  
,259F C9 30 ACCMP #\$3013  
,25A1 D0 70 BNE \$2613  
,25A3 A5 B0 LDA \$B0  
,25A5 29 OF AND #\$0F  
,25A7 C9 07 ACCMP #\$07  
,25A9 D0 04 BNE \$25AF  
,25AB A5 B1 LDA \$B1  
,25AD 29 OF AND #\$0F  
,25AF 0A ASL  
,25B0 0A ASL  
,25B1 0A ASL  
,25B2 0A ASL  
,25B3 1D A2 OF ORA \$0FAZ,X  
,25B6 9D A2 OF STA \$0FAZ,X  
,25B9 EB INX  
,25BA EO OC CPX #\$OC  
,25BC D0 A3 BNE \$2561  
,25BE A9 20 LDA #\$20  
,25C0 9D A2 OF STA \$0FAZ,X  
,25C3 C6 B7 DEC  
,25C5 A2 08 LDX #\$08  
,25C7 A0 04 LDY #\$04  
,25C9 B9 47 21 LDA \$2147,Y  
,25CC 99 D8 OF STA \$0FD8,Y  
,25CF 88 DEY  
,25D0 10 F7 BPL \$25C9,10  
,25D2 BD A2 OF LDA \$0FAZ,X  
,25D5 29 10 AND #\$10  
,25D7 F0 OD BEQ \$25E6  
,25D9 8A TXA  
,25DA 8D A8 OF STA \$0FA8  
,25DD 48 PHA  
,25DE 20 BE 14 JSR \$148E  
,25E1 20 E9 2D JSR \$2DE9  
,25E4 68 PLA  
,25E5 AA TAX  
,25E6 EB INX  
,25E7 EO OC CPX #\$OC  
,25E9 D0 DC BNE \$25C7  
,25EB 20 BF 24 JSR \$24BF  
,25EE AA Y,TAX  
,25EF 68 PLA  
,25F0 8D A8 OF STA \$0FA8  
,25F3 8A TXA  
,25F4 29 OF AND #\$0F  
,25F6 C9 09 CMP #\$09  
,25F8 B0 18 BCS \$2612  
,25FA 20 1F 30 JSR \$301F  
,25FD D0 13 BNE \$2612  
,25FF A2 5E LDX #\$5E  
,2601 BD 98 2F LDA \$2F98,X  
,2604 9D 00 CO STA \$D000,X  
,2607 CA DEX  
,2608 10 F7 BPL \$2601  
,260A A2 0A LDX #\$0A  
,260C 20 B0 CA JSR \$CAE0  
,260F 20 AF 1C JSR \$1CAF  
,2612 60 RTS  
,2613 C6 AC DEC \$AC  
,2615 F0 OD BEQ \$2624  
,2617 A9 E9 LDA #\$E9  
,2619 8D DB OF STA \$0FDB  
,261C A9 A6 LDA #\$A6  
,261E 8D DC OF STA \$0FDC  
,2621 4C 78 25 JMP \$2578  
,2624 A9 04 LDA #\$04  
,2626 85 B0 STA \$B0  
,2628 4C A3 25 JMP \$25A3  
,262B A9 30 LDA #\$30 RAM  
,262D 85 01 STA \$01  
,262E A2 03 LDX #\$03  
,2631 A0 00 LDY #\$00  
,2633 A9 C0 LDA #\$C0  
,2635 84 20 STY \$20  
,2637 85 21 STA \$21  
,2639 A9 18 LDA #\$18  
,263B 91 20 STA (\$20),Y  
,263D C8 INY  
,263E A9 60 LDA #\$60  
,2640 91 20 STA (\$20),Y  
,2642 18 CLC  
,2643 A5 21 LDA \$21  
,2645 69 10 ADC #\$10  
,2647 88 DEY  
,2648 CA DEX  
,2649 D0 EC BNE \$2637  
,264B A9 36 LDA #\$36  
,264D 85 01 STA \$01  
,264F 20 C8 23 JSR \$23C8  
,2652 A9 04 LDA #\$04  
,2654 8D A9 OF STA \$0FA9  
,2657 AD 43 2FLDA \$2F43  
,265A 8D B9 OF STA \$0FB9  
,265D AA TAX  
,265E 38 SEC  
,265F E9 04 SBC #\$04  
,2661 8D BA OF STA \$0FBA  
,2664 CA DEX  
,2665 BD 44 2FLDA \$2F44,X  
,2668 9D 00 02 STA \$0200,X  
,266B BD 58 2FLDA \$2F58,X  
,266E 9D DC 03 STA \$03DC,X  
,2671 9D B7 23 STA \$23B7,X  
,2674 CA DEX  
,2675 10 EE BPL \$2665  
,2677 20 D2 23 JSR \$23D2  
,267A 20 25 18 JSR \$1825  
,267D 20 C8 23 JSR \$23C8  
,2680 4E A9 OF LSR \$0FA9  
,2683 AD 21 2FLDA \$2F21  
,2686 8D B9 OF STA \$0FB9  
,2689 AA TAX  
,268A 38 SEC  
,268B E9 04 SBC #\$04  
,268D 8D BA OF STA \$0FBA  
,2690 CA DEX  
,2691 BD 22 2FLDA \$2F22,X  
,2694 9D 00 02 STA \$0200,X

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.,2697 BD 36 2F LDA \$2E36,X  
.,269A 9D DC 03 STA \$03DC,X  
.,269D 9D B7 23 STA \$23B7,X  
.,26A0 CA DEX YHI 00 00  
.,26A1 10 EE 08 BPL \$2691H  
.,26A3 20 D2 23 JSR \$23D2  
.,26A6 20 25 18 JSR \$1825  
.,26A9 20 C8 23 JSR \$23C8  
.,26AC 4E A9 OF LSR \$0FA9  
.,26AF AD FF 2E LDA \$2EFF  
.,26B2 8D B9 OF STA \$0FB9  
.,26B5 AA 00 TAX YHI  
.,26B6 38 00 SEC 0000  
.,26B7 E9 04 SBC #04  
.,26B9 8D BA OF STA \$0FBA  
.,26BC CA 00 DEX 80H  
.,26BD BD 00 2E LDA \$2E00,X  
.,26C0 9D 00 02 STA \$0200,X  
.,26C3 BD 14 2E LDA \$2E14,X  
.,26C6 9D DC 03 STA \$03DC,X  
.,26C9 9D B7 23 STA \$23B7,X  
.,26CC CA SDEX 0000  
.,26CD 10 EE 08 BPL \$26BD  
.,26CF 20 D2 23 JSR \$23D2  
.,26D2 4C 25 18 JMP \$1825  
.,26D5 7B 00 SEI AGI  
.,26D6 AD 00 00 D6 LDA \$D600  
.,26D9 48 PHA 0000  
.,26DA AD 01 D6 LDA \$D601  
.,26DD 48 PHA YHI  
.,26DE A2 12 LDX #\$12  
.,26EO A9 40 BNE \$26E9  
.,26E2 20 00 27 JSR \$2700H  
.,26E5 A0 F5 LDY #\$F5  
.,26E7 A2 00 00 LDX #\$00 15  
.,26E9 EB 00 INX AHI 15  
.,26EA DO FD BNE \$26E9  
.,26EC C8 INY XHD  
.,26ED DO FA BNE \$26E9  
.,26FF AD 01 D6 LDA \$D601  
.,26F2 C9 40 CMP #\$40  
.,26F4 F0 3D BEQ \$2733  
.,26F6 68 PLA 0000  
.,26F7 8D 01 D6 STA \$D601  
.,26FA 68 PLA YHI  
.,26FB 8D 00 D6 STA \$D600  
.,26FE 58 CLI XHD  
.,26FF 60 RTS 0000  
.,2700 8E 00 D6 STX \$D600  
.,2703 A2 00 LDX #\$00  
.,2705 EB 00 INX AHI 15  
.,2706 DO FD Y BNE \$2705  
.,2708 8D 01 D6 STA \$D601  
.,270B 60 RTS 0000  
.,270C 8E 00 D6 STX \$D600  
.,270F 2C 00 D6 BIT \$D600  
.,2712 10 FB BPL \$270F  
.,2714 AD 01 D6 LDA \$D601  
.,2717 60 RTS 0000  
.,2718 A2 12 LDX #\$12  
271A 20 1E 27 JSR \$271E  
.,271D E8 INX X0J  
.,271E A9 00 SLD A #00  
.,2720 8E 00 D6 STX \$D600  
.,2723 2C 00 D6 BIT \$D600  
.,2726 10 FB EPL \$2723  
.,2728 8D 01 D6 STA \$D601  
.,272B 60 RTS YHI  
.,272C A9 0E LDA #00E  
.,272E 8D 96 1D STA \$1D96  
.,2731 DO C3 BNE \$26F6  
.,2733 AD 30 DO LDA \$D030  
.,2736 29 01 AND #01  
.,2738 DO F2 BNE \$272C  
.,273A 20 97 27 JSR \$2797  
.,273D 20 18 27 JSR \$2718  
.,2740 A2 1F LDX #\$1F  
.,2742 20 OC 27 JSR \$270C  
.,2745 48 PHA  
.,2746 A2 12 LDX #\$12  
.,2748 A9 80 LDA #80  
.,274A 20 20 27 JSR \$2720  
.,274D 20 1D 27 JSR \$271D  
.,2750 A2 1F LDX #\$1F  
.,2752 20 OC 27 JSR \$270C  
.,2755 48 00 91 PHA  
.,2756 20 A5 27 JSR \$27A5  
.,2759 DO 09 BNE \$2764  
.,275B A9 3F 00 LDA #3F  
.,275D A2 1C 00 LDX #\$1C  
.,275F 20 20 27 JSR \$2720  
.,2762 30 04 BMI \$2768  
.,2764 A9 21 B0 LDA #21  
.,2766 DO 02 70 BNE \$276A  
.,2768 A9 81 LDA #81  
.,276A 8D C7 OF STA \$0FC7  
.,276D 10 OC 6A BPL \$277B  
.,276E A2 1C LDX #\$1C  
.,2771 A9 3F 48 LDA #3F  
.,2773 20 20 27 JSR \$2720  
.,2776 A9 32 05 LDA #32  
.,2778 8D 9A 1D STA \$1D9AH  
.,277B A2 12 00 LDX #\$12  
.,277D A9 80 40 LDA #80  
.,277E 20 20 27 JSR \$2720  
.,2782 20 1D 27 JSR \$271D  
.,2785 A2 1F 11 LDX #\$1F  
.,2787 68 00 CC PLA  
.,2788 20 20 27 JSR \$2720  
.,278B 20 18 27 JSR \$2718  
.,278E A2 1F 00 LDX #\$1F  
.,2790 68 00 CC PLA  
.,2791 20 20 27 JSR \$2720  
.,2794 4C F6 126 JMP \$26F6  
.,2797 A2 100 00 LDX #00  
.,2799 BD C8 27 LDA \$27C8,X  
.,279C 20 20 27 JSR \$2720  
.,279E EB 00 INX  
.,27A0 E0 25 CPX #25  
.,27A2 DO F5 BNE \$2799  
.,27A4 60 RTS  
.,27A5 20 18 27 JSR \$2718

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., 27AB A2 1F LDX #\$1F  
., 27AA 20 1E 27 JSR \$271E  
., 27AD A2 12 LDX #\$12  
., 27AF A9 80 LDA #\$80  
., 27B1 20 20 27 JSR \$2720  
., 27B4 20 1D 27 JSR \$271D  
., 27B7 A2 1F LDX #\$1F  
., 27B9 A9 FF LDA #\$FF  
., 27BB 20 20 27 JSR \$2720  
., 27BE 20 18 27 JSR \$271B  
., 27C1 A2 1F LDX #\$1F  
., 27C3 4C 0C 27 JMP \$270C  
  
., 27C6 00 00 7F 50 66 49 26 E0 00 00 00 P-I&  
., 27CE 19 20 FC E7 A0 E7 00 00 Y "I" 線  
., 27D6 00 00 00 00 00 00 08 00 00 00 00 00 H0  
., 27DE 78 E8 20 87 F0 00 2F E7 00 00 00 00 00 00  
., 27E6 00 00 00 00 7D 64 F5 00 00 00 00 00 00 00 00  
., 27EE 00 00 44 44 44 44 CC 00 00 00 00 00 00 00 00  
., 27F6 DD DD DD FF FF FF FF 00 00 00 00 00 00 00 00  
., 27FE 00 44 11 11 11 11 33 33 33 00 00 00 00 00 00  
., 2806 77 77 77 77 77 77 77 77 77 00 00 00 00 00 00  
., 280E 00 00 44 44 44 CC CC CC 00 00 00 00 00 00 00 00  
., 2814 CC DD DD FF FF FF FF 00 00 00 00 00 00 00 00  
., 281E 11 11 11 11 33 33 33 33 33 00 00 00 00 00 00  
., 2826 33 33 77 77 77 77 77 77 77 00 00 00 00 00 00  
., 282E 07 03 00 0F 06 0F 0D 0C GC 00 F0ML  
., 2836 0A 08 00 00 00 0A 0E 0B JH 00 JNK  
., 283E 07 03 00 0F 04 07 08 04 GC 00 DGHD  
., 2846 0F 00 08 00 0C 0F 0E 0B 00 H0L0N0K  
., 284E 07 03 00 0F 00 07 05 0C GC 00 G0EL  
., 2856 0E 00 0F 0A 05 06 07 00 N00JEFG0  
., 285E 01 02 03 04 05 06 07 08 ABCDEF0GH  
., 2866 09 0A 0B 0C 0D 0E 0F 80 IJKLMNO  
., 286E 81 91 91 90 DO AA AB B3 00 T1H  
., 2876 B1 FF BF EF FF 01 01 01 AAAA  
., 287E 11 BB BB 4D 55 AB BF D1 Q1 MU F  
., 2886 77 EF EF D5 4E 54 49 54 00 NTIT  
., 288E 4C 45 44 20 20 20 20 20 LED  
., 2896 20 20 20 00 C0 00 00 00 00 00 00 00 00  
., 289E 00 10 00 C0 00 00 00 00 00 00 00 00 00 00  
., 28A6 00 00 00 00 18 60 CA 00 00 00 00 00 X  
., 28AE 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
., 28B6 44 00 11 00 44 00 11 00 D0Q0D0Q0  
., 28BE 55 00 11 00 55 00 11 00 P0Q0P0Q0  
., 28C6 55 00 55 00 55 00 55 00 P0S0P0S0  
., 28CE 55 22 55 00 55 22 55 88 P"0P0U"1  
., 28D6 55 22 55 88 55 22 55 AA P"0P0U"1  
., 28DE 55 22 55 AA 55 22 55 AA U"0P0U"1  
., 28E6 55 AA 55 AA 55 EE U"0P0U"1  
., 28EE 55 AA 55 EE 55 AA 55 EE U"0P0U"1  
., 28F6 55 BB 55 EE 55 BB 55 FF U"0P0U"1  
., 28FE 55 BB 55 FF 55 BB 55 FF U"0P0U"1  
., 2906 55 FF 55 FF 55 FF 55 FF U"0P0U"1  
., 290E 77 FF 55 FF 77 FF 55 FF U"0P0U"1  
., 2916 77 FF 77 FF 77 FF 55 FF U"0P0U"1  
., 291E 77 FF FF FF 77 FF FF FF U"0P0U"1  
., 2926 FF  
  
., 2932 9D 00 OF STA \$0F00,X  
., 2935 CA 00 00 DEX AD 10 00 RTS  
., 2936 10 F7 00 BPL \$292E 00 00 00 RTS  
., 2938 60 Y 00 RTS ATB EC SU 00 00 RTS  
., 2939 A0 00 LDY #\$00  
., 293B BC 30 DO STY \$D030  
., 293E A9 02 ROLDA #\$02EC DU OS 00 00  
., 2940 84 A8 STY #\$AB  
., 2942 B5 A9 RSTA #\$A9  
., 2944 B1 A8 ROLDA (\$AB), Y BASIC-Direktmodus  
., 2946 C9 3A CMP #\$3A;"2 Zeile holen  
., 2948 F0 04 BEQ \$294E ja  
., 294A C8 INY nächstes Zeichen  
., 294B DO F7 BNE \$2944 Schluf noch 256  
., 294D 60 RTS  
., 294E C0 50 COPY #\$50 über 80  
., 2950 B0 FB BCS \$294D ja, RTS  
., 2952 20 62 X2A JSR \$2A621 00 00 00 00  
., 2955 C8 00 INY ATB 50 00 00 de 00 00 00  
., 2956 20 76 X2A JSR \$2A760 Pi du 00 00 00  
., 2959 A0 00 X, BLDY #\$00 DU 00 00 00  
., 295B B1 ABA, ROLDA (\$AB), Y DU 00 00 00  
., 295D C9 22 CMP #\$22  
., 295F DO EC BNE \$294D  
., 2961 20 6F 2A JSR \$2A6E5 DU 00 00 00  
., 2964 A2 00 LDX #\$00 B1 CS UP 00 00 00  
., 2966 B1 A8 LDA (\$AB), Y DU 00 00 00  
., 2968 DD 7E 21 CMP \$217E, X DU 00 00 00 00  
., 296B DO 07 BNE \$2974  
., 296D E8 LDINX 00 J ST DU 00 00 00  
., 296E C8 INY AH9  
., 296F C0 04 CPY #\$04  
., 2971 DO F3 BNE \$2966  
., 2973 2C A0 00 BIT \$00A0S 00 00 00 00  
., 2976 A2 00 LDX #\$00  
., 2978 BD 7E 21 LDA \$217E, X DU 00 00 00  
., 297B 9D 67 21 STA \$2167, X  
., 297E E8 LDINX 00 J ST DU 00 00 00  
., 297F E0 04 CPX #\$04  
., 2981 DO F5 BNE \$2978  
., 2983 B1 A8 LDA (\$AB), Y 10 DU 00 00 00  
., 2985 F0 1B BEQ \$29A2  
., 2987 C9 22 CMP #\$22  
., 2989 F0 17 BEQ \$29A2  
., 298B 9D 67 21 STA \$2167, X  
., 298E C8 INY A11  
., 298F E8 LDINX 00 J ST DU 00 00 00  
., 2990 E0 11 CPX #\$11  
., 2992 DO EF BNE \$2983  
., 2994 AC 82 21 LDY \$2182 DU 00 00 00 00  
., 2997 8B DEY ATB 00 00 00 00 00 00 00 00  
., 2998 B9 77 21 LDA \$2177, Y  
., 299B 99 67 21 STA \$2167, Y  
., 299E 8B DEY ATB A11 00 00 00 00 00 00 00  
., 299F 10 F7 BPL \$2998  
., 29A1 60 RTS  
., 29A2 8E 82 21 STX \$2182 DU 00 00 00 00 00 00  
., 29A5 60 RTS  
., 29A6 AD C7 27 LDA \$27C7 DU 00 00 00 00 00 00  
., 29A9 F0 01 BEQ \$29AC  
., 29AB 60 RTS  
  
., 292D A2 7F LDX #\$7F  
292F BD AD 28 LDA \$28AD, X \$80 Bytes  
  
60 Dot

Womit noch  
60 Dot

.,29AC A9 00 LDA #\$0010 00 00 0000.  
 .,29AE 85 AB STA \$AB 00 00 0000.  
 .,29B0 A9 38 LDA #\$38 00 00 0000.  
 .,29B2 85 A9 STA \$A9 00 00 0000.  
 .,29B4 D0 03 BNE \$29B9 00 00 0000.  
 .,29B6 20 76 2A JSR \$2A76 00 00 0000.  
 .,29B9 A0 00 LDY #\$00 00 00 0000.  
 .,29BB 84 B1 STY \$B1 00 00 0000.  
 .,29BD 84 B2 STY \$B2 00 00 0000.  
 .,29BF 20 3A 2A JSR \$2A3A 00 00 0000.  
 .,29C2 E0 03 CPX #\$03 00 00 0000.  
 .,29C4 F0 73 BEQ \$2A39 00 00 0000.  
 .,29C6 C8 Y INY 00 00 0000.  
 .,29C7 B1 AB LDA (\$AB),Y 00 00 0000.  
 .,29C9 29 7F AND #\$7F 00 00 0000.  
 .,29CB F0 55 BEQ \$2A22 00 00 0000.  
 .,29CD C9 0D CMP #\$0D 00 00 0000.  
 .,29CF F0 51 BEQ \$2A22 00 00 0000.  
 .,29D1 C9 41 CMP #\$41 00 00 0000.  
 .,29D3 90 F1 BCC \$29C6 00 00 0000.  
 .,29D5 C9 5B CMP #\$5B 00 00 0000.  
 .,29D7 B0 ED BCS \$29C6 00 00 0000.  
 .,29D9 84 B0 STY \$B0 00 00 0000.  
 .,29DB A2 2B LDX #\$2B 00 00 0000.  
 .,29DD 86 AE STX \$AE 00 00 0000.  
 .,29DF A2 2E LDX #\$2E 00 00 0000.  
 .,29E1 86 AF STX \$AF 00 00 0000.  
 .,29E3 A2 00 LDX #\$00 00 00 0000.  
 .,29E5 86 B3 STX \$B3 00 00 0000.  
 .,29E7 38 SEC 00 00 0000.  
 .,29EB E1 AE SBC (\$AE,X) 00 00 0000.  
 .,29EA F0 17 BEQ \$2A03 00 00 0000.  
 .,29EC C9 80 CMP #\$80 00 00 0000.  
 .,29EE F0 20 BEQ \$2A10 00 00 0000.  
 .,29F0 A1 AE LDA (\$AE,X) 00 00 0000.  
 .,29F2 F0 C2 BEQ \$29B6 00 00 0000.  
 .,29F4 30 08 BMI \$29FE 00 00 0000.  
 .,29F6 E6 AE INC \$AE 00 00 0000.  
 .,29FB D0 F6 BNE \$29F0 00 00 0000.  
 .,29FA E6 AF INC \$AF 00 00 0000.  
 .,29FC D0 F2 BNE \$29F0 00 00 0000.  
 .,29FE E6 B3 INC \$B3 00 00 0000.  
 .,2A00 A4 B0 LDY \$B0 00 00 0000.  
 .,2A02 A9 C8 LDA #\$C8 00 00 0000.  
 .,2A04 B1 AB LDA (\$AB),Y 00 00 0000.  
 .,2A06 29 7F AND #\$7F 00 00 0000.  
 .,2A08 E6 AE INC \$AE 00 00 0000.  
 .,2A0A D0 DB BNE \$29E7 00 00 0000.  
 .,2A0C E6 AF INC \$AF 00 00 0000.  
 .,2AOE D0 D7 BNE \$29E7 00 00 0000.  
 .,2A10 C4 B0 CPY \$B0 00 00 0000.  
 .,2A12 F0 B2 BEQ \$29C6 00 00 0000.  
 .,2A14 20 62 2A JSR \$2A62 00 00 0000.  
 .,2A17 20 28 2A JSR \$2A28 00 00 0000.  
 .,2A1A A0 00 LDY #\$00 00 00 0000.  
 .,2A1C B1 AB LDA (\$AB),Y 00 00 0000.  
 .,2A1E C9 22 CMP #\$22 00 00 0000.  
 .,2A20 D0 03 BNE \$2A25 00 00 0000.  
 .,2A22 20 6F 2A JSR \$2A6F 00 00 0000.  
 .,2A25 4C B9 29 JMP \$29B9 00 00 0000.  
 .,2A28 20 76 2A JSR \$2A76 00 00 0000.  
 .,2A2B A0 00 LDY #\$00 00 00 0000.  
 .,2A2D A5 B3 ALDA \$B3 00 00 0000.  
 .,2A2F 0A AAS 00 00 0000.  
 .,2A30 AA TAX 00 00 0000.  
 .,2A31 BD A4 2E LDA \$2EA4,X 00 00 0000.  
 .,2A34 48 PHA 00 00 0000.  
 .,2A35 BD A3 2E LDA \$2EA3,X 00 00 0000.  
 .,2A38 48 ADPHA 00 00 0000.  
 .,2A39 60 RTS 00 00 0000.  
 .,2A3A A2 00 LDX #\$00 00 00 0000.  
 .,2A3C B1 A8 LDA (\$AB),Y 00 00 0000.  
 .,2A3E F0 OF BEQ \$2A4F 00 00 0000.  
 .,2A40 C9 OD PCMP #\$0D 00 00 0000.  
 .,2A42 F0 OB BEQ \$2A4F 00 00 0000.  
 .,2A44 C9 22 CMP #\$22 00 00 0000.  
 .,2A46 F0 13 BEQ \$2A5B 00 00 0000.  
 .,2A48 84 B1 STY \$B1 00 00 0000.  
 .,2A4A 20 6F 2A JSR \$2A6F 00 00 0000.  
 .,2A4D D0 ED BNE \$2A3C 00 00 0000.  
 .,2A4F E6 B1 INC \$B1 00 00 0000.  
 .,2A51 A6 B1 LDX \$B1 00 00 0000.  
 .,2A53 E0 03 CPX #\$03 00 00 0000.  
 .,2A55 F0 OA BEQ \$2A61 00 00 0000.  
 .,2A57 05 B2 ORA \$B2 00 00 0000.  
 .,2A59 F0 EF BEQ \$2A4A 00 00 0000.  
 .,2A5B E6 B2 INC \$B2 00 00 0000.  
 .,2A5D A9 00 LDA #\$00 00 00 0000.  
 .,2A5F 85 B1 STA \$B1 00 00 0000.  
 .,2A61 60 RTS 00 00 0000.  
 .,2A62 C8 INY 00 00 0000.  
 .,2A63 B1 AB LDA (\$AB),Y 00 00 0000.  
 .,2A65 C9 20 CMP #\$20 00 00 0000.  
 .,2A67 F0 F9 BEQ \$2A62 00 00 0000.  
 .,2A69 C9 3D CMP #\$3D 00 00 0000.  
 .,2A6B F0 F5 BEQ \$2A62 00 00 0000.  
 .,2A6D 88 DEY 00 00 0000.  
 .,2A6E 60 RTS 00 00 0000.  
 .,2A6F E6 AB INC \$AB 00 00 0000.  
 .,2A71 D0 02 BNE \$2A75 00 00 0000.  
 .,2A73 E6 A9 INC \$A9 00 00 0000.  
 .,2A75 60 RTS 00 00 0000.  
 .,2A76 98 PTYA 00 00 0000.  
 .,2A77 18 CLC 00 00 0000.  
 .,2A78 65 AB ADC \$AB 00 00 0000.  
 .,2A7A 85 AB STA \$AB 00 00 0000.  
 .,2A7C 90 02 BCC \$2A80 00 00 0000.  
 .,2A7E E6 A9 INC \$A9 00 00 0000.  
 .,2A80 60 RTS 00 00 0000.  
 .,2A81 B1 AB ALDA (\$AB),Y 00 00 0000.  
 .,2A83 C9 2C CMP #\$2C 00 00 0000.  
 .,2A85 F0 06 BEQ \$2ABD 00 00 0000.  
 .,2A87 18 CLD 00 00 0000.  
 .,2A88 60 RTS 00 00 0000.  
 .,2A89 A9 01 ALDA #\$01 00 00 0000.  
 .,2A8B 85 FD STA \$FD 00 00 0000.  
 .,2ABD A2 00 LDX #\$00 00 00 0000.  
 .,2A8F 86 14 STX \$14 00 00 0000.  
 .,2A91 B6 15 STX \$15 00 00 0000.  
 .,2A93 20 6F 2A JSR \$2A6F 00 00 0000.  
 .,2A96 B1 A8 LDA (\$AB),Y 00 00 0000.  
 .,2A98 C9 20 CMP #\$20 00 00 0000.  
 .,2A9A F0 F7 BEQ \$2A93 00 00 0000.  
 .,2A9B 85 0000 0000 0000 0000 0000.

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,2A9C C9 3A	CMP #\$3A	2B 0F 0000	,2B13 BD C9 2E STA \$2EC9	00 74 0000
,2A9E B0 36	BCS \$2AD6	00 00 0000	,2B16 60 RTS ATB	00 00 0000
,2AA0 38	SEC X#1	0A 00 0000	,2B17 20 8D 2A JSR \$2ABD	00 00 0000
,2AA1 E9 30	BSBC #\$30	0A 00 0000	,2B1A 90 18 BCC \$2B34	00 00 0000
,2AA3 38	SEC A#19	0A 00 0000	,2B1C A2 04 TBLDX #\$04	00 00 0000
,2AA4 E9 D0	BSBC #\$D0	0A 00 0000	,2B1E A8 STAY #00 AC	00 00 0000
,2AA6 B0 2E	BCS \$2AD6	0F 00 0000	,2B1F F0 04 BEQ \$2B25	00 00 0000
,2AA8 E9 2F	SBC #\$2F	0A 00 0000	,2B21 A9 02 LDA #\$02	00 00 0000
,2AAA 85 07	STA \$07	00 00 0000	,2B23 A2 04 LDX #\$0A	00 00 0000
,2AAC A5 15	LDAA \$15	0A 00 0000	,2B25 8D CA 2E STA \$2ECA	00 00 0000
,2AAE 85 A7	STA \$A7	00 00 0000	,2B28 A0 04 LDY #\$04	00 00 0000
,2AB0 C9 19	CMP #\$19	00 00 0000	,2B2A BD B4 1D LDA \$1DB4,X	00 00 0000
,2AB2 B0 22	BCS \$2AD6	00 00 0000	,2B2D 99 DC 1E STA \$1EDC,Y	00 00 0000
,2AB4 A5 14	LDA \$14	0A 00 0000	,2B30 CA 00 DEX A#1	00 00 0000
,2AB6 0A	CLASL 000	01 00 0000	,2B31 88 LDY 000	00 00 0000
,2AB7 26 A7	ROL \$A7	01 00 0000	,2B32 10 F6 00 BPL \$2B2A	00 00 0000
,2AB9 0A	ASL 000	00 00 0000	,2B34 60 RTS C#0	00 00 0000
,2ABA 26 A7	ROL \$A7	03 00 0000	,2B35 20 8D 2A JSR \$2ABD	00 00 0000
,2ABC 65 14	ADC \$14	14 00 0000	,2B38 90 03 BCC \$2B3D	00 00 0000
,2ABE 85 14	STA \$14	18 00 0000	,2B3A 8D CB 2E STA \$2ECB	01 00 0000
,2AC0 A5 A7	LDAA \$A7	00 00 0000	,2B3D 60 RTS	00 00 0000
,2AC2 65 15	ADC \$15	00 00 0000	,2B3E 20 8D 2A JSR \$2ABD	00 00 0000
,2AC4 85 15	STA \$15	0A 00 0000	,2B41 90 08 BCC \$2B4B	00 00 0000
,2AC6 06 14	ASL 000	01 00 0000	,2B43 8D CC 2E STA \$2ECC	00 00 0000
,2AC8 26 15	ROL \$15	01 00 0000	,2B46 A5 15 LDA \$15	00 00 0000
,2ACA A5 14	LDAA \$14	00 00 0000	,2B48 8D CD 2E STA \$2ECD	00 00 0000
,2ACC 65 07	ADC \$07	00 00 0000	,2B4B 20 81 2A JSR \$2A81	00 00 0000
,2ACE 85 14	STA \$14	00 00 0000	,2B4E 90 03 BCC \$2B53	00 00 0000
,2AD0 90 C1	BCC \$2A93	00 00 0000	,2B50 8D CE 2E STA \$2ECE	00 00 0000
,2AD2 E6 15	INC \$15	0A 18 0000	,2B53 60 RTS	00 00 0000
,2AD4 D0 BD	BNE \$2A93	01 00 0000	,2B54 20 8D 2A JSR \$2ABD	00 00 0000
,2AD6 A5 14	LDAA \$14	01 00 0000	,2B57 90 03 BCC \$2B5C	01 00 0000
,2ADB 60	RTS	00 00 0000	,2B59 8D CF 2E STA \$2ECF	00 00 0000
,2AD9 A2 00	LDX #\$00	01 00 0000	,2B5C 20 81 2A JSR \$2A81	00 00 0000
,2ADB C8	INY Y#0	00 00 0000	,2B5F 90 03 BCC \$2B64	00 00 0000
,2ADC B1 AB	LDA (\$AB),Y	0A 00 0000	,2B61 8D DO 2E STA \$2ED0	00 00 0000
,2ADE F0 06	BEQ \$2AE6	0A 00 0000	,2B64 60 RTS	00 00 0000
,2AE0 C9 0D	CMP #\$0D	00 00 0000	,2B65 20 89 2A JSR \$2A89	00 00 0000
,2AE2 D0 02	BNE \$2AE6	00 00 0000	,2B68 90 03 BCC \$2B6D	00 00 0000
,2AE4 A9 00	LDA #\$00	00 00 0000	,2B6A 8D D1 2E STA \$2ED1	00 00 0000
,2AE6 9D D8 OF	STA \$0FD8,X	00 00 0000	,2B6D 20 81 2A JSR \$2A81	00 00 0000
,2AE9 F0 0A	BEQ \$2AF5	00 00 0000	,2B70 A6 FD LDX \$FD	00 00 0000
,2AEB C9 22	CMP #\$22	00 00 0000	,2B72 90 03 BCC \$2B77	00 00 0000
,2AED F0 06	BEQ \$2AF5	00 00 0000	,2B74 9D D1 2E STA \$2ED1,X	00 00 0000
,2AEF C8	INY Y#0	00 00 0000	,2B77 E8 INX A#1	00 00 0000
,2AF0 E8	INX D#1	00 00 0000	,2B78 86 FD STX \$FD	00 00 0000
,2AF1 E0 10	CPX #\$10	00 00 0000	,2B7A E0 05 CPX #\$05	00 00 0000
,2AF3 D0 E7 Y	BNE \$2ADC	00 00 0000	,2B7C D0 EF BNE \$2B6D	00 00 0000
,2AF5 86 24	STX \$24	00 00 0000	,2B7E 60 RTS	00 00 0000
,2AF7 A9 20	LDA #\$20	00 00 0000	,2B7F 20 89 2A JSR \$2A89	00 00 0000
,2AF9 E0 10	CPX #\$10	00 00 0000	,2B82 90 03 BCC \$2B87	00 00 0000
,2AFB F0 06	BEQ \$2B03	00 00 0000	,2B84 8D D9 2E STA \$2ED9	00 00 0000
,2AFD 9D D8 OF	STA \$0FD8,X	10 00 0000	,2B87 20 81 2A JSR \$2A81	00 00 0000
,2B00 EB	INX A#0	00 00 0000	,2B8A A6 FD LDX \$FD	00 00 0000
,2B01 D0 F6	BNE \$2AF9	00 00 0000	,2B8C 90 03 BCC \$2B91	00 00 0000
,2B03 A9 00	LDA #\$00	00 00 0000	,2B8E 9D D9 2E STA \$2ED9,X	00 00 0000
,2B05 9D D8 OF	STA \$0FD8,X	01 00 0000	,2B91 EB INX	00 00 0000
,2B08 20 76 2A	JSR \$2A76	01 00 0000	,2B92 86 FD STX \$FD	00 00 0000
,2B0B A5 24	LDA \$24	0A 18 0000	,2B94 E0 04 CPX #\$04	00 00 0000
,2B0D 60	RTS	00 00 0000	,2B96 D0 EF BNE \$2B87	00 00 0000
,2B0E 20 8D 2A	JSR \$2ABD	00 00 0000	,2B98 60 RTS	00 00 0000
,2B11 90 03	BCC \$2B16	00 00 0000	0000 YOU	00 00 0000

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,,2B99 20 BD 2A JSR \$2ABD J1 80 05 36015 . ,,2C1E 20 D9 2A JSR \$2AD9 8F 4A 4A015 .  
. ,,2B9C 90 7F BCC \$2C1D 90 05 36015 . ,,2C21 F0 20 BEQ \$2C43 90 8A 4A015 .  
. ,,2B9E C9 02 CMP #\$02 9A 05 36015 . ,,2C23 BD FF 2E STA \$2EFF 90 8A 4A015 .  
. ,,2BA0 90 7B BCC \$2C1D 9A 05 36015 . ,,2C26 AA TAX X16 90 8A 4A015 .  
. ,,2BA2 C9 10 CMP #\$10 A3 06 05 36015 . ,,2C27 CA DEX Y16 90 8A 4A015 .  
. ,,2BA4 B0 77 BCS \$2C1D 8A 05 36015 . ,,2C28 30 08 BMI \$2C32 90 8A 4A015 .  
. ,,2BA6 AA TAX A16 9A 05 36015 . ,,2C2A BD D8 OF LDA \$0FD8,X 90 8A 4A015 .  
. ,,2BA7 B6 FD STX \$FD 9A 05 36015 . ,,2C2D 9D 00 2F STA \$2FOO,X 90 8A 4A015 .  
. ,,2BA9 B6 FC STX \$FC 9A 05 36015 . ,,2C30 DO F5 BNE \$2C27 90 8A 4A015 .  
. ,,2BAB 84 AC STY \$AC 9A 05 36015 . ,,2C32 20 5E 1C JSR \$1C5E 9A 05 36015 .  
. ,,2BAD 20 B1 2A JSR \$2AB1 90 05 36015 . ,,2C35 99 10 2F STA \$2F10,Y 90 8A 4A015 .  
. ,,2BB0 A6 AC LDX \$AC 9A 05 36015 . ,,2C38 88 DEY 90 8A 4A015 .  
. ,,2BB2 B0 03 BCS \$2BB7 8D 05 36015 . ,,2C39 30 08 BMI \$2C43 9A 05 36015 .  
. ,,2BB4 BD DD 2E LDA \$2EDD,X 9A 05 36015 . ,,2C3B B9 D8 OF LDA \$0FD8,Y 90 8A 4A015 .  
. ,,2BB7 9D ED 2E STA \$2EED,X 90 05 36015 . ,,2C3E 99 10 2F STA \$2F10,Y 90 8A 4A015 .  
. ,,2BBA E6 AC INC \$AC 9A 05 36015 . ,,2C41 DO F5 BNE \$2C38 90 8A 4A015 .  
. ,,2BBC C6 FD DEC \$FD 9A 05 36015 . ,,2C43 60 RTS 90 8A 4A015 .  
. ,,2BBE DO ED BNE \$2BAD 90 05 36015 . ,,2C44 20 D9 2A JSR \$2AD9 90 8A 4A015 .  
. ,,2BC0 B4 AC STY \$AC 90 05 36015 . ,,2C47 F0 20 BEQ \$2C69 9A 05 36015 .  
. ,,2BC2 A6 AC LDX \$AC 9A 05 36015 . ,,2C49 8D 21 2F STA \$2F21 90 8A 4A015 .  
. ,,2BC4 B9 ED 2E LDA \$2EED,Y 9A 05 36015 . ,,2C4C AA TAX 90 05 36015 .  
. ,,2C7 DD DD 2E CMP \$2EED,X 9A 05 36015 . ,,2C4D CA DEX AT8 90 05 36015 .  
. ,,2CA F0 05 BEQ \$2BD1 9A 05 36015 . ,,2C4E 30 08 BMI \$2C58 9A 05 36015 .  
. ,,2BCC E8 INX 90 05 36015 . ,,2C50 BD D8 OF LDA \$0FD8,X 90 8A 4A015 .  
. ,,2BCD EO 10 CPX #\$10 9A 05 36015 . ,,2C53 9D 22 2F STA \$2F22,X 90 8A 4A015 .  
. ,,2BCF DO F6 BNE \$2BC7 9A 05 36015 . ,,2C56 DO F5 BNE \$2C4D 90 8A 4A015 .  
. ,,2BD1 8A TXA 90 05 36015 . ,,2C58 20 5E 1C JSR \$1C5E 90 8A 4A015 .  
. ,,2BD2 99 ED 2E STA \$2EED,Y 90 05 36015 . ,,2C5B 99 32 2F STA \$2F32,Y 90 8A 4A015 .  
. ,,2BD5 C8 INY 90 05 36015 . ,,2C5E 88 DEY 90 05 36015 .  
. ,,2BD6 C4 FC CPY \$FC 9A 05 36015 . ,,2C5F 30 08 BMI \$2C69 90 05 36015 .  
. ,,2BD8 DO E8 BNE \$2BC2 9A 05 36015 . ,,2C61 B9 D8 OF LDA \$0FD8,Y 90 8A 4A015 .  
. ,,2BDA 84 FD STY \$FD 9A 05 36015 . ,,2C64 99 32 2F STA \$2F32,Y 90 8A 4A015 .  
. ,,2BDC C6 FC DEC \$FC 9A 05 36015 . ,,2C67 DO F5 BNE \$2C5E 90 8A 4A015 .  
. ,,2BDE C6 FC DEC \$FC 9A 05 36015 . ,,2C69 60 RTS 90 8A 4A015 .  
. ,,2BEO A0 00 LDY #\$00 90 05 36015 . ,,2C6A 20 D9 2A JSR \$2AD9 90 8A 4A015 .  
. ,,2BE2 8C FD 2E STY \$2EFD 90 05 36015 . ,,2C6D F0 20 BEQ \$2C8F 90 8A 4A015 .  
. ,,2BE5 8C FE 2E STY \$2EFE 90 05 36015 . ,,2C6F 8D 43 2F STA \$2F43 90 8A 4A015 .  
. ,,2BE8 A9 00 LDA #\$00 90 05 36015 . ,,2C72 AA TAX 90 05 36015 .  
. ,,2BEA 85 FE STA \$FE 90 05 36015 . ,,2C73 CA DEX AT8 90 05 36015 .  
. ,,2BEC 85 FF STA \$FF 90 05 36015 . ,,2C74 30 08 BMI \$2C7E 90 05 36015 .  
. ,,2BF1 B9 ED 2E LDA \$2EED,Y 90 05 36015 . ,,2C76 BD D8 OF LDA \$0FD8,X 90 05 36015 .  
. ,,2BF2 38 SEC A0 05 36015 . ,,2C79 9D 44 2F STA \$2F44,X 90 05 36015 .  
. ,,2BF3 66 FE ROR \$FE 90 05 36015 . ,,2C7C DO F5 BNE \$2C73 90 05 36015 .  
. ,,2BF5 66 FF ROR \$FF 90 05 36015 . ,,2C7E 20 5E 1C JSR \$1C5E 90 05 36015 .  
. ,,2BF7 CA DEX A0 05 36015 . ,,2C81 99 54 2F STA \$2F54,Y 90 05 36015 .  
. ,,2BF8 10 F9 BPL \$2EF3 90 05 36015 . ,,2C84 88 DEY 90 05 36015 .  
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. ,,2BFC 0D FE 2E ORA \$2EFE 90 05 36015 . ,,2C87 B9 D8 OF LDA \$0FD8,Y 90 05 36015 .  
. ,,2BFF 8D FE 2E STA \$2EFE A0 05 36015 . ,,2C8A 99 54 2F STA \$2F54,Y 90 05 36015 .  
. ,,2C02 A5 FF LDA \$FF 90 05 36015 . ,,2C8D DO F5 BNE \$2C84 90 05 36015 .  
. ,,2C04 0D FD 2E ORA \$2EFD 90 05 36015 . ,,2C8F 60 RTS 90 05 36015 .  
. ,,2C07 BD FD 2E STA \$2EFD 90 05 36015 . ,,2C90 20 D9 2A JSR \$2AD9 90 05 36015 .  
. ,,2C0A C8 INY 90 05 36015 . ,,2C93 F0 FA BEQ \$2C8F 90 05 36015 .  
. ,,2C0B C4 FD CPY \$FD 90 05 36015 . ,,2C95 B5 A7 STA \$A7 90 05 36015 .  
. ,,2C0D DO D9 BNE \$2BEB 90 05 36015 . ,,2C97 A2 80 LDX #\$80 90 05 36015 .  
. ,,2C0F A6 FC LDX \$FC 90 05 36015 . ,,2C99 A9 00 LDA #\$00 90 05 36015 .  
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. ,,2C14 9D 7B 28 STA \$287B,X 90 05 36015 . ,,2C9D A0 0F LDY #\$0F 90 05 36015 .  
. ,,2C17 AD FE 2E LDA \$2EFE 90 05 36015 . ,,2C9F 86 30 STX \$30 90 05 36015 .  
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. ,,2C1D 60 RTS 90 05 36015 . ,,2CA2 A5 AB LDA \$AB 90 05 36015 .

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.,2CA4 48 Y,PHA \$0E AF 0C JSR \$1CAF  
 .,2CA5 A5 A9 LDA #A9 0S 04 1C JSR \$1CAF  
 .,2CA7 48 Y,PHA \$0E 36 HUG LDX 0A 04 1C JSR \$1CAF  
 .,2CA8 86 20 STX \$20 0A 04 1C JSR \$1CAF  
 .,2CAA 84 21 STY \$21 0A 04 1C JSR \$1CAF  
 .,2CAC A2 D8 0E LDX #\$D8 0A 04 1C JSR \$1CAF  
 .,2CAE A9 0F 0C LDA #\$0F 10 0A 04 1C JSR \$1CAF  
 .,2CBO 86 A8 0C STX \$A8 0C 04 1C JSR \$1CAF  
 .,2CB2 85 A9 0C STA \$A9 0C 04 1C JSR \$1CAF  
 .,2CB4 20 A5 2D JSR \$2DA5 0C 04 1C JSR \$1CAF  
 .,2CB7 AA Y,01 TAX ATB 0T 0C 04 1C JSR \$1CAF  
 .,2CB8 68 PLA Y 0C 04 1C JSR \$1CAF  
 .,2CB9 85 A9 0C STA \$A9 0C 04 1C JSR \$1CAF  
 .,2CBB 68 Y,00 PLA Y 0C 04 1C JSR \$1CAF  
 .,2CBC 85 AB Y,01 STA \$AB 0C 04 1C JSR \$1CAF  
 .,2CBE 60 0C RTS 0C 04 1C JSR \$1CAF  
 .,2CBF 98 TYA C9 0C 04 1C JSR \$1CAF  
 .,2CC0 48 Y,PHA \$0E 0C 04 1C JSR \$1CAF  
 .,2CC1 AD A7 2B LDA \$2BA7 0C 04 1C JSR \$1CAF  
 .,2CC4 C9 0C 0C CMP #\$0C 12 0C 04 1C JSR \$1CAF  
 .,2CC6 DO 6B BNE \$2D33 0A 04 1C JSR \$1CAF  
 .,2CC8 BD BA OF STA \$0FB0 0A 04 1C JSR \$1CAF  
 .,2CCB 20 AF 1C JSR \$1CAF 0O 04 1C JSR \$1CAF  
 .,2CCE AD 12 CO LDA \$C012 0A 04 1C JSR \$1CAF  
 .,2CD1 48 Y,01 PHA ATB 0T 0C 04 1C JSR \$1CAF  
 .,2CD2 20 AF 1C JSR \$1CAF 0O 04 1C JSR \$1CAF  
 .,2CD5 68 Y,00 PLA ATB 0T 0C 04 1C JSR \$1CAF  
 .,2CD6 DO 05 0C BNE \$2CDD 0E 04 1C JSR \$1CAF  
 .,2CD8 EE A9 02 INC \$02A9 0B 04 1C JSR \$1CAF  
 .,2CDB DO 54 0B BNE \$2D33 0O 04 1C JSR \$1CAF  
 .,2CDD 20 CB 23 JSR \$23C8 0O 04 1C JSR \$1CAF  
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 .,2CE1 A8 Y,01 TAY 0T 0C 04 1C JSR \$1CAF  
 .,2CE2 48 PHA 0P 0C 04 1C JSR \$1CAF  
 .,2CE3 20 D9 2A JSR \$2AD9 0O 04 1C JSR \$1CAF  
 .,2CE6 F0 4B Y,BEQ \$2D33 0C 04 1C JSR \$1CAF  
 .,2CE8 BD 76 2F STA \$2E76 0A 04 1C JSR \$1CAF  
 .,2CEB BD B9 OF STA \$0FB9 0A 04 1C JSR \$1CAF  
 .,2CEE BD AA 02 STA \$02AA 0A 04 1C JSR \$1CAF  
 .,2CF1 AA Y,TAX IMI 0O 04 1C JSR \$1CAF  
 .,2CF2 CA DEX AD 70 0O 04 1C JSR \$1CAF  
 .,2CF3 30 OB X,BMI \$2D00 0P 04 1C JSR \$1CAF  
 .,2CF5 BD DB OF LDA \$0FD8,X 07 04 1C JSR \$1CAF  
 .,2CF8 9D 77 2F STA \$2F77,X 0Z 04 1C JSR \$1CAF  
 .,2CFB 9D 00 02 STA \$0200,X 0E 04 1C JSR \$1CAF  
 .,2CFE DO F2 BNE \$2CF2 0E 04 1C JSR \$1CAF  
 .,2D00 20 1C 2E JSR \$2E1C 0P 04 1C JSR \$1CAF  
 .,2D03 20 D2 23 JSR \$23D2 10 04 1C JSR \$1CAF  
 .,2D06 E8 Y,INX A7 0T 0C 04 1C JSR \$1CAF  
 .,2D07 BE A9 0F STX \$0FA9 0T 0C 04 1C JSR \$1CAF  
 .,2DOA A5 A8 LDA #A8 0P 04 1C JSR \$1CAF  
 .,2DOC 48 PHA HUG AF 0U 04 1C JSR \$1CAF  
 .,2DOD A5 A9 LDA #A9 0P 04 1C JSR \$1CAF  
 .,2DOF 48 PHA HUG AF 0U 04 1C JSR \$1CAF  
 .,2D10 A9 00 LDA #00 0P 04 1C JSR \$1CAF  
 .,2D12 BD 15 DO STA \$D015 0O 04 1C JSR \$1CAF  
 .,2D15 20 25 18 JSR \$1825 0O 04 1C JSR \$1CAF  
 .,2D18 AD B5 OF LDA \$0FB5 0A 04 1C JSR \$1CAF  
 .,2D1B 29 OF AND #\$0F 0T 04 1C JSR \$1CAF  
 .,2D1D DO OE BNE \$2D2D 0A 04 1C JSR \$1CAF  
 .,2D1F AD 03 CO LDA \$C003 0A 04 1C JSR \$1CAF  
 .,2D22 48 PHA 0P 04 1C JSR \$1CAF

.,2D23 20 AF 1C JSR \$1CAF 0C 04 1C JSR \$1CAF  
 .,2D26 68 PLA Y 0C 04 1C JSR \$1CAF  
 .,2D27 A8 TAY 0C 04 1C JSR \$1CAF  
 .,2D28 A2 06 LDX #\$06 0C 04 1C JSR \$1CAF  
 .,2D2A 20 BO CA JSR \$CAB0 0I 04 1C JSR \$1CAF  
 .,2D2D 68 PLA Y 0C 04 1C JSR \$1CAF  
 .,2D2E 85 A9 STA \$A9 0C 04 1C JSR \$1CAF  
 .,2D30 68 PLA Y 0C 04 1C JSR \$1CAF  
 .,2D31 85 A8 STA \$A8 0C 04 1C JSR \$1CAF  
 .,2D33 68 PLA Y 0C 04 1C JSR \$1CAF  
 .,2D34 60 RTS RSL A 0C 04 1C JSR \$1CAF  
 .,2D35 20 D9 2A JSR \$2AD9 0A 04 1C JSR \$1CAF  
 .,2D38 F0 38 BEQ \$2D72 0C 04 1C JSR \$1CAF  
 .,2D3A 85 A7 STA \$A7 0S 04 1C JSR \$1CAF  
 .,2D3C A9 00 X,CLDA #\$00 0S 04 1C JSR \$1CAF  
 .,2D3E 85 31 STA \$31 0C 04 1C JSR \$1CAF  
 .,2D40 A2 41 LDX #\$41 0C 04 1C JSR \$1CAF  
 .,2D42 A9 F5 CLDA #\$F5 0C 04 1C JSR \$1CAF  
 .,2D44 AO 20 LDY #\$20 0A 04 1C JSR \$1CAF  
 .,2D46 20 9F 2C JSR \$2C9F 0A 04 1C JSR \$1CAF  
 .,2D49 BA Y,01 TXA 0O 04 1C JSR \$1CAF  
 .,2D4A DO 26 X,BNE \$2D72 0G 04 1C JSR \$1CAF  
 .,2D4C AD 34 21 LDA \$2134 0C 04 1C JSR \$1CAF  
 .,2D4F C9 10 CMP #\$10 0C 04 1C JSR \$1CAF  
 .,2D51 BO 1F BCS \$2D72 0I 04 1C JSR \$1CAF  
 .,2D53 BD 36 21 STA \$2136 0I 04 1C JSR \$1CAF  
 .,2D56 38 SEC A 0I 04 1C JSR \$1CAF  
 .,2D57 A9 18 LDA #\$18 0K 04 1C JSR \$1CAF  
 .,2D59 ED 36 21 SBC \$2136 0J 04 1C JSR \$1CAF  
 .,2D5C 8D 36 21 STA \$2136 0H 04 1C JSR \$1CAF  
 .,2D5F AD 35 21 LDA \$2135 0I 04 1C JSR \$1CAF  
 .,2D62 C9 10 CMP #\$10 0I 04 1C JSR \$1CAF  
 .,2D64 BO 0C BCS \$2D72 0I 04 1C JSR \$1CAF  
 .,2D66 8D 37 21 STA \$2137 0I 04 1C JSR \$1CAF  
 .,2D69 38 SEC Y 0I 04 1C JSR \$1CAF  
 .,2D6A A9 32 LDA #\$32 0K 04 1C JSR \$1CAF  
 .,2D6C ED 37 21 SBC \$2137 0H 04 1C JSR \$1CAF  
 .,2D6F 8D 37 21 STA \$2137 0I 04 1C JSR \$1CAF  
 .,2D72 60 RTS ATB 0I 04 1C JSR \$1CAF  
 .,2D73 20 BD 2A JSR \$2ABD 0I 04 1C JSR \$1CAF  
 .,2D76 90 0C BCC \$2D84 0I 04 1C JSR \$1CAF  
 .,2D78 DO 0A BNE \$2D84 0I 04 1C JSR \$1CAF  
 .,2D7A AD C7 OF LDA \$0FC7 0I 04 1C JSR \$1CAF  
 .,2D7D F0 05 BEQ \$2D84 0I 04 1C JSR \$1CAF  
 .,2D7F 09 40 ORA ##\$40 0I 04 1C JSR \$1CAF  
 .,2D81 BD C7 OF STA \$0FC7 0I 04 1C JSR \$1CAF  
 .,2D84 60 RTS 0I 04 1C JSR \$1CAF  
 .,2D85 20 BD 2A JSR \$2ABD 0I 04 1C JSR \$1CAF  
 .,2D88 90 0C BCC \$2D96 0I 04 1C JSR \$1CAF  
 .,2D8A DO 0A BNE \$2D96 0I 04 1C JSR \$1CAF  
 .,2D8C AD C7 OF LDA \$0FC7 0I 04 1C JSR \$1CAF  
 .,2D8F F0 F3 BEQ \$2D84 0I 04 1C JSR \$1CAF  
 .,2D91 09 10 ORA ##\$10 0I 04 1C JSR \$1CAF  
 .,2D93 8D C7 OF STA \$0FC7 0I 04 1C JSR \$1CAF  
 .,2D96 60 RTS 0I 04 1C JSR \$1CAF  
 .,2D97 20 BD 2A JSR \$2ABD 0I 04 1C JSR \$1CAF  
 .,2D9A 48 PHA X 0I 04 1C JSR \$1CAF  
 .,2D9B 20 AF 1C JSR \$1CAF 0I 04 1C JSR \$1CAF  
 .,2D9E 68 PLA Y 0C 04 1C JSR \$1CAF  
 .,2D9F 8D 12 CO STA \$C012 0I 04 1C JSR \$1CAF  
 .,2DA2 4C AF 1C JMP \$1CAF 0I 04 1C JSR \$1CAF

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.,2DA5 20 5B 14 JSR \$145B	.,2E2B 43 4F 4C 4F 52 D3 44 45 COLORDE
.,2DA8 20 1C 2E JSR \$2E1C	.,2E33 46 43 4F 4C 4F 52 D3 54 FCOLORWT
.,2DAB A5 20 LDA #20	.,2E3B 45 58 54 43 4F 4C 4F 52 EXTCOLOR
.,2DAD 48 PHA	.,2E43 D3 4D 4F 55 53 45 43 4F VMOUSECO
.,2DAE A5 21 LDA \$21	.,2E4B 4C 4F 52 D3 4D 4F 55 53 COLORMOUS
.,2DB0 48 PHA	.,2E53 45 58 D9 43 4C 49 DO 4D EX ICLOUD
.,2DB1 20 D2 23 JSR \$23D2	.,2E5B 4F 44 C5 54 49 43 4B D3 OD TICKY
.,2DB4 68 PLA	.,2E63 4C 4F 41 44 45 D2 53 41 LOADE_SA
.,2DB5 85 21 STA \$21	.,2E6B 56 45 D2 4D 4F 44 55 4C VE_MODUL
.,2DB7 68 PLA	.,2E73 C5 50 41 54 54 45 52 CE SPATTER
.,2DB8 85 20 STA \$20	.,2E7B 52 41 CD 50 4F 49 4E 54 RAYPOINT
.,2DBA A9 00 LDA #\$00	.,2E83 45 D2 56 44 C3 4C 4F 41 E_LVD-LOA
.,2DBC 8D 15 DO STA \$D015	.,2E8B 44 46 52 4F CD 53 41 54 DFRO-SAV
.,2DBF 20 F2 2D JSR \$2DF2	.,2E93 45 54 CF 50 46 4F D8 52 ETIPPO_R
.,2DC2 D0 22 BNE \$2DE6	.,2E9B 45 55 43 4C 45 41 D2 00 EUCLEA
.,2DC4 20 F2 2D JSR \$2DF2	.,2EA3 OD 2B 98 2B 64 2B 53 2B M+V+-S+
.,2DC7 D0 1D BNE \$2DE6	.,2EAB 3D 2B 7E 2B 16 2B 34 2B =+V+V+4+
.,2DC9 A5 90 LDA \$90	.,2EB3 1D 2C 43 2C 69 2C 8F 2C J,C,,F,
.,2DCB D0 19 BNE \$2DE6	.,2EBB BE 2C 34 2D 72 2D F9 2D ,,-
.,2DCD 20 CF FF JSR \$FFCF	.,2EC3 QA 2E 84 2D 96 2D 02 00 J.---X-BQ
.,2DD0 91 20 STA (\$20),Y	.,2ECB OD 50 00 50 01 00 00 00 MP3PAQON
.,2DD2 E6 20 INC \$20	.,2ED3 OC OF 06 00 00 00 00 00 LOF30000
.,2D4 D0 02 BNE \$2DD8	.,2EDB 28 19 00 06 09 0B 02 04 (YAFIKBD
.,2DD6 E6 21 INC \$21	.,2EE3 08 OC 0E 0A 05 OF 03 07 HLNJE0CG
.,2DD8 A5 30 LDA \$30	.,2EEB OD 01 00 00 00 00 00 MA3000000
.,2DDA AA TAX	.,2EF3 00 00 00 00 00 00 00 00 00 00 00 00
.,2DBB D0 02 BNE \$2DDF	.,2EFB 00 00 00 00 0D 4C 44 52 000MLDR
.,2DDD C6 31 DEC \$31	.,2F03 2E 34 C2 49 54 C7 4F C4 .4ITI10-
.,2DDF C6 30 DEC \$30	.,2F0B 4F 54 20 20 20 0C 04 12 OT LDR
.,2DE1 8A TXA	.,2F13 2E 34 42 09 14 47 OF 44 .4BITGOD
.,2DE2 05 31 ORA \$31	.,2F1B OF 14 00 20 20 00 0D 53 OTD @MS
.,2DE4 D0 E3 BNE \$2DC9	.,2F23 56 52 2E 34 C2 49 54 C7 VR.4ITI
.,2DE6 20 5B 14 JSR \$145B	.,2F2B 4F C4 4F 54 20 20 13 OOT S
.,2DE9 20 5E 14 JSR \$145E	.,2F33 16 12 2E 34 42 09 14 47 VR.4BITG
.,2DEC AD B5 OF LDA \$0FB5	.,2F3B OF 44 OF 14 00 20 20 00 ODDOT@ O
.,2DEF 29 OF AND #\$0F	.,2F43 OD 4D 4F 44 2E C3 4C 49 MMOD.-LI
.,2DF1 60 RTS	.,2F4B 50 D7 4F 52 4B 53 20 20 POORKS
.,2DF2 20 CF FF JSR \$FFCF	.,2F53 20 OD OF 04 2E 43 OC 09 MOD.CLI
.,2DF5 A0 00 LDY #\$00	.,2F5B 10 57 OF 12 OB 13 00 20 PWWORKS@
.,2DF7 A6 90 LDX \$90	.,2F63 20 00 00 20 20 20 20 20 00
.,2DF9 60 RTS	.,2F6B 20 20 20 20 20 20 20 20 20 20
.,2FA 20 8D 2A JSR \$2A8D	.,2F73 20 20 20 00 20 20 20 20 20 20 20
.,2DFD 90 0B BCC \$2EOA	.,2F7B 20 20 20 20 20 20 20 20 20 20 20
.,2DFF C9 0C CMP #\$0C	.,2FB3 20 20 20 00 20 20 20 20 20 20 20
.,2E01 B0 07 BCS \$2EOA	.,2FBB 20 20 20 20 20 20 20 20 20 20 20
.,2E03 C9 08 CMP #\$08	.,2F93 20 20 20 20 00 CB BF 01 00 20 20 20
.,2E05 90 03 BCC \$2EOA	.,2F9B 00 D2 CD 2E CB 41 4E 44 0LX. IAND
.,2E07 8D C4 OF STA \$0FC4	.,2FA3 4C 45 52 20 20 20 20 20 20 20 LER
.,2EOA 60 RTS	.,2FAB 00 00 10 D5 4E 44 4F 20 00 P.NDO
.,2EOB 20 8D 2A JSR \$2ABD	.,2FB3 34 C2 49 54 20 20 20 20 20 41IT
.,2EOE 90 FA BCC \$2EOA	.,2FBB 20 20 20 00 00 8D D5 4E 00 N
.,2E10 C9 0C CMP #\$0C	.,2FC3 44 4F 20 D2 45 4E 44 45 DO _ENDE
.,2E12 B0 F6 BCS \$2EOA	.,2FCB 52 45 44 20 20 20 20 20 1C RED
.,2E14 C9 08 CMP #\$08	.,2FD3 B2 53 57 50 2E 46 49 4C +SWP.FIL
.,2E16 90 F2 BCC \$2EOA	.,2FDB 45 20 20 20 20 20 20 20 20 E
.,2E18 8D C3 OF STA \$0FC3	.,2FE3 20 17 00 83 54 45 4D 50 W3-TEMP
.,2E1B 60 RTS	.,2FEB 30 30 20 20 20 20 20 20 20 20 00
.,2E1C 20 5E 1C JSR \$1C5E	.,2FF3 20 20 20 07 D5 C5 D2 6/-
.,2E1F A0 OF LDY #\$0F	.,2FFB 2E 56 45 44 50 05 08 58 VEDPEHX
.,2E21 B9 D8 OF LDA \$0FD8,Y	.,3003 4F C6 DO 2E 56 45 44 50 D-1.VEDP
	.,300B 05 07 C3 C4 D6 2E 56 45 EG-X.VE

# CoDot

.3013 44 50 05 80 80 15 0A 00 DFE—UJ@  
 .301B 00 80 80 00 48 20 AF 1C 0—OH £  
 HD 10.0H \*3 1E 0P 7E 8A 4E 0C 0F 0E 0D  
 .301C 00 80 80 00 48 20 AF 1C 0—OH £  
 .301E 04 48 20 AF 1C PHA \$A 00 00 00 00 00  
 .3020 20 AF 1C JSR \$1CAF  
 .3023 AD 12 C0 LDA \$C012  
 .3026 8D AA 2F STA \$2FAA  
 .3029 D0 04 00 BNE \$302F  
 .302B 68 00 00 PLA  
 .302C E8 00 00 INX  
 .302D F0 5D 00 BEQ \$308C  
 .302F 20 AF 1C JSR \$1CAF  
 .3032 A2 10 B0 LDX #\$10  
 .3034 A0 00 00 LDY #\$00  
 .3036 84 B0 00 STY \$B0  
 .3038 A9 C0 00 LDA #\$C0  
 .303A 85 B1 00 STA \$B1  
 .303C 91 B0 00 STA (\$B0), Y  
 .303E C8 00 00 INY  
 .303F D0 FB 00 BNE \$303C  
 .3041 E6 B1 00 INC \$B1  
 .3043 CA 00 00 DEX  
 .3044 D0 F6 00 BNE \$303C  
 .3046 A2 06 00 LDX #\$06  
 .3048 BD 99 28 LDA \$2899, X  
 .304B 9D EC 03 STA \$03EC, X  
 .304E CA 00 00 DEX  
 .304F 10 F7 00 BPL \$3048  
 .3051 68 00 PLA  
 .3052 AA 00 TAX  
 .3053 BD 16 30 LDA \$3016, X  
 .3054 30 28 EMI \$3080  
 .3058 AA 00 TAX  
 .3059 BD F7 2F LDA \$2FF7, X  
 .305C B5 A7 00 STA \$A7  
 .305E B5 24 00 STA \$24  
 .3060 A8 00 TAY  
 .3061 EB 00 00 INX  
 .3062 BD F7 2F LDA \$2FF7, X  
 .3065 99 D7 0F STA \$0FD7, Y  
 .3068 EB 00 00 INX  
 .3069 BB 00 00 DEY  
 .306A D0 F6 00 BNE \$3062  
 .306C BD F7 2F LDA \$2FF7, X  
 .306F 85 31 00 STA \$31  
 .3071 EB 00 INX  
 .3072 BD F7 2F LDA \$2FF7, X  
 .3075 AA 00 00 TAX  
 .3076 A9 B0 00 LDA #\$B0  
 .3078 A0 CA 00 LDY #\$CA  
 .307A 20 9F 0C JSR \$209F  
 .307D 8A 00 TXA  
 .307E F0 0C 00 BEQ \$308C  
 .3080 A9 18 00 LDA #\$18  
 .3082 BD AA 28 STA \$28AA  
 .3085 A9 60 00 LDA #\$60  
 .3087 BD AB 28 STA \$28AB  
 .308A D0 OB 00 BNE \$3097  
 .308C A9 OC 00 LDA #\$0C  
 .308E BD A7 28 STA \$28A7  
 .3091 A9 05 LDA #\$05  
 .3093 BD A9 02 STA \$02A9

.3096 8A TXA  
 .3097 60 RTS  
 GOD.INI  
 TXA  
 RTS  
 0000 0000  
 120 "mousexy" = 300,160  
 150 "colors" 16 RRD  
 160 "mode" = 1 A19  
 170 "loadfrom" 15% A18  
 180 "saveto" 10 A18  
 190 "loader ldr.4BitGoDot"  
 200 "saver svr.4BitGoDot"  
 210 "ram mod..FileCopy"  
 220 "ram ldr.4BitGoDot"  
 230 "ram mod.ClipWorks"  
 240 "ram svr.4BitGoDot"  
 250 "ram mod..FirstDrive"  
 260 "ram ldr.4Bit&Mask"  
 270 "ram ldr.4Bit&Map"  
 280 "ram svr.Temp"  
 290 "ram ldr.4Bit&Arith"  
 300 "ram mod..PatternEd"  
 310 "reuclear" = 0 300  
 ready.

# Go Dot

15.05.84

100 SYS 20700: AD-91 LDX #03 STA \$0315  
 READY.

V A9 04 LDA #04 STA \$04

,0816 A9 35 LDA #\$35 {  
 ,0818 85 B0 STA \$B0 } = \$0835  
 ,081A A9 08 LDA #\$08  
 ,081C 85 B1 STA \$B1  
 ,081E A2 11 LDX #\$11 11x256 Bytes  
 ,0820 A0 00 LDY #\$00 Index  
 ,0822 B1 B0 LDA (\$B0), Y { kopieren  
 ,0824 99 00 20 STA \$2000, Y }  
 ,0827 EB 00 00 INY {  
 ,0828 D0 F8 BNE \$0822 Loop  
 ,082A E6 B1 INC \$B1 Überlauf  
 ,082C EE 26 08 INC \$0826  
 ,082F CA A1 DEX nach 11 Blocks?  
 ,0830 DO F0 BNE \$0822 weiter  
 ,0832 4C 00 20 JMP \$2000 nach \$2000 1=2000  
 ,0835 A9 36 LDA #\$36 { Basic aus  
 ,0837 85 01 STA \$01 }  
 ,0839 20 39 29 JSR \$2939 Parameter holen  
 ,083C 20 CC 20 JSR \$20CC Farbe  
 ,083F 8E 15 DO STX \$D015 = 0, Sprites aus  
 ,0842 A9 0E LDA #\$0E kleinen Zeichensatz  
 ,0844 20 D2 FF JSR \$FFD2 einschalten  
 ,0847 20 DD 20 JSR \$20DD Sprites Farbe  
 ,084A 20 98 21 JSR \$2198 z  
 ,084D 20 E5 23 JSR \$23E5 laden  
 ,0850 20 DD 20 JSR \$20DD Farbe  
 ,0853 20 7C 24 JSR \$247C Farbe  
 ,0856 AE CC 2E LDX \$2ECC Farbe  
 ,0859 8E 02 DO STX \$D002 Mouse-Pointer  
 ,085C 8E 00 DO STX \$D000 X-Position  
 ,085F AE CD 2E LDX \$2ECD Y-Position  
 ,0862 F0 05 BEQ \$0869 Block 1  
 ,0864 A2 03 10 LDX #03 MSB der Farbe  
 ,0866 BE 10 DO STX \$D010 einschalten  
 ,0869 AE CE 2E LDX \$2EEC Farbe 2  
 ,086C 8E 01 DO STX \$D001 Y-Koordinate  
 ,086F EB INX +2  
 ,070 EB INX  
 ,0871 8E 03 DO STX \$D003 für 2 Sprites  
 ,0874 AC CF 2E LDY \$2EDF Farbe 1  
 ,0877 8C 27 DO STY \$D027 Farbe 1  
 ,087A AC DO 2E LDY \$2ED0 Farbe 2  
 ,087D 8C 28 DO STY \$D028 Farbe 2  
 ,0880 A9 0B LDA #\$0B Farbe 1  
 ,0882 BD F9 07 STA \$07F9 Block 2  
 ,0885 8D F8 07 STA \$07F8 Farbe 1  
 ,0888 AD 36 21 LDA \$2136 Farbe 1  
 ,088B 85 7A STA \$7A Farbe 1  
 ,088D AD 37 21 LDA \$2137 Farbe 2  
 ,0890 85 7B STA \$7B Farbe 2  
 ,0892 78 SEI Farbe 1  
 ,0893 AD 15 03 LDA \$0315 Index-Vektoren  
 ,0896 8D 8D OF STA \$0F8D Farben  
 ,0899 AD 14 03 LDA \$0314 Farben  
 ,089C 8D BC OF STA \$0F8C Farben

,089F A9 31 LDA #\$31 } 100 60  
 ,08A1 BD 14 03 STA \$0314 } 1331  
 ,08A4 A9 13 LDA #\$13  
 ,08A6 BD 15 03 STA \$0315  
 ,08A9 58 CLI  
 ,08AA A2 10 LDX #\$10  
 ,08AC BE A7 02 STX \$02A7  
 ,08AF BE A8 02 STX \$02A8  
 ,08B2 CA DEX  
 ,08B3 BD DD 2E LDA \$2EDD, X  
 ,08B6 9D 98 OF STA \$0F98, X  
 ,08B9 9D B0 02 STA \$02B0, X  
 ,08BC CA DEX  
 ,08BD 10 F4 BPL \$0BB3  
 ,08BF AD CA 2E LDA \$2ECA  
 ,08C2 BD 95 OF STA \$0F95  
 ,08C5 AD C9 2E LDA \$2EC9  
 ,08CB BD 96 OF STA \$0F96  
 ,08CB 20 73 14 JSR \$1473  
 ,08CE BD EB 1E STA \$1EEB  
 ,08D1 BA TXA  
 ,08D2 29 OF AND #\$0F  
 ,08D4 D0 02 BNE \$08D8  
 ,08D6 A2 20 LDX #\$20  
 ,08D8 BE EA 1E STX \$1EEA  
 ,08DB 20 C9 17 JSR \$17C9  
 ,08DE AD CB 2E LDA \$2ECD  
 ,08E1 8D B8 OF STA \$0FB8  
 ,08E4 A9 03 LDA #\$03 28 sprites  
 ,08E6 8D 15 DO STA \$D015 Farbe  
 ,08E9 8D BD OF STA \$0FB0  
 ,08EC AD DB 20 LDA \$20DB Farbe  
 ,08EF 8D A9 28 STA \$28A8 Farbe  
 ,08F2 1AD DC 20 LDA \$20DC Farbe  
 ,08F5 8D A9 28 STA \$28A9 Farbe  
 ,08FB 20 CC 20 JSR \$20CC Farbe  
 ,08FB 20 2D 29 JSR \$292D Farbe  
 ,08FE 4C 17 14 JMP \$1417 } 20CC  
 ,0901 A2 40 LDX #\$40  
 ,0903 BD AD 27 LDA \$27AD, X  
 ,0906 9D 00 03 STA \$0300, X  
 ,0909 E8 INX  
 ,090A DO F7 BNE \$0903 Farbe  
 ,090C 8E AF 02 STX \$02AF = 0 Farbe  
 ,090E 60 RTS  
 ,0910 01 24 LDR A (\$24, X) } 20DC  
 ,0912 A0 0B LDY #\$0B  
 ,0914 B9 D1 2E LDA \$2ED1, Y  
 ,0917 99 34 03 STA \$0334, Y  
 ,091A 88 DEY  
 ,091B 10 F7 BPL \$0914  
 ,091D AD 38 03 LDA \$0338  
 ,0920 8D 20 DO STA \$D020  
 ,0923 8D 21 DO STA \$D021  
 ,0926 8D 8E OF STA \$0F8E  
 ,0929 60 RTS  
 ,092A 00 BRK  
 ,092A 00 House-Pointer-Sprite  
 ,092D \*\*

# GoDot

.10930 \*\*\*  
 .10933 \*\*\*  
 .10936 \*\*\*  
 .10939 \*\*\*  
 .1093C \*\*\*  
 .1093F \*\*\*  
 .10942 \*\*\*  
 .10945 \*\*\*  
 .10948 \*\*\*  
 .1094B \*  
 .1094E \*\*\*  
 .10951 \*\*\*  
 .10954 \*\*\*  
 .10957 \*\*\*  
 .1095A \*\*\*  
 .1095D \*\*\*  
 .10960 \*\*\*  
 .10963 \*\*\*  
 .10966 \*\*\*  
 .0966 00 00 00 00 00 18 32 AE 終了後X2  
 .096E 00 00 00 04 02 00 1F 00 終了DBR+  
 .0976 4D 2D 52 C6 E5 02 55 30 M-R-I BUO  
 .097E 3E 4D 31 47 4F 44 2E 53 >M!GOD.S  
 .0984 45 54 07 47 4F 44 2E 4D E!EGOD.M  
 .098E 41 49 4E 08 47 4F 44 2E AIN!GOD.  
 .0996 55 50 4D 45 4D 09 47 4F UPMEM!GO  
 .099E 44 2E 49 4E 49 20 20 20 D. INI  
 .09A6 20 20 20 20 20 20 47 4F GO  
 .09AE 44 2E 49 4E 49 49 4E 49 D. INIINI  
 .09B6 2E 07 57 01 09 14 09 0E .GWAITIN  
 .09BE 07 20 06 0F 12 20 47 0F G FOR GO  
 .09C6 44 0F 14 20 2E 2E 2E A9 DOT  
 .09CE 93 20 D2 FF A0 14 AE 86  
 .09D6 02 B9 83 21 199 89 06 8A B-SRFY  
 .09DE 99 89 DA BB 10 F3  
 .09E6 12 BD 18 DO A9 08 20 D2 R!XTH  
 .09EE FF A2 DE A0 21 20 E0 11  
 .09F6 A9 0B BD 38 03 A9 09 A2 K-SCPI  
 .09FE 07 A0 1A 20 E2 14 A2 05 G Z MTE  
 .0A06 B6 25 86 A6 20 90 10 AD -%  
 .0A0E 38 03 4C 14 11 93 00 00 SCLTQW  
 .0A16 28 19 02 00 00 16 03 22 (YB!VCD)  
 .0A1E 03 BC 00 00 57 05 0C 03 CL!WELC  
 .0A26 0F 0D 05 21 00 C0 01 06 OME!@-AF  
 .0A2E 1A E0 A0 A0 A0 E1 20 20 Z  
 .0A36 20 20 20 20 A0 A0 A0  
 .0A3E A0 E1 20 20 20 20 20 20  
 .0A46 20 A0 20 00 C0 02 06 1A  
 .0A4E A0 E4 20 E5 A0 20 E0 A0  
 .0A56 A0 A0 E1 20 A0 20 20 E5  
 .0A5E A0 20 E0 A0 A0 E1 E8  
 .0A66 A0 A0 00 C0 03 06 1A A0  
 .0A6E 20 20 20 20 A0 E4 20  
 .0A76 E5 A0 20 A0 20 20 20 A0 I  
 .0A7E 20 A0 E4 20 E5 A0 20 A0 - I  
 .0A86 20 00 C0 04 06 1A A0 20 @-DFZ  
 .0A8E 20 A0 A0 20 A0 20 20 20  
 .0A96 A0 20 A0 20 20 20 A0 20  
 .0A9E A0 20 20 20 A0 20 A0 20  
 .0AA6 00 C0 05 06 1A A0 20 20 @-EFZ  
 .:0AAE 20 A0 20 A0 20 20 20 20 A0  
 .:0AB6 20 A0 20 20 20 A0 20 A0  
 .:0ABE 20 20 20 A0 20 A0 20 00001 346 07 0  
 .:0AC6 C0 06 06 1A A0 E6 20 E7 -FFZ ■ I  
 .:0ACE A0 20 A0 E6 20 E7 A0 20 ■ 07111  
 .:0AD6 A0 20 20 E7 A0 20 A0 E6 ■ I ■  
 .:0ADE 20 E7 A0 20 A0 E6 00 C0 I ■ 050  
 .:0AE6 07 06 1A E2 A0 A0 A0 E3 GFZ ■  
 .:0AEE 20 E2 A0 A0 A0 E3 20 A0 ■  
 .:0AF6 A0 A0 A0 E3 20 E2 A0 A0 ■  
 .:0AFE A0 E3 20 E2 A0 00 C0 08 ■ 0-H  
 .:0B06 06 1A E9 EA EA EA EB 20 FZ ■ 1111  
 .:0B0E E9 EA EA EA EB 20 EA EA ■ 1111 ■ 111  
 .:0B16 EA EA EB 20 E9 EA EA EA ■ 1111 ■ 111  
 .:0B1E EB 20 E9 EA 00 C0 09 06 F ■ 0-IF  
 .:0B26 1A EC 20 20 20 EC 20 EC Z ■ 0-■ ■  
 .:0B2E 20 20 20 EC 20 EC 20 20 ■ ■ ■  
 .:0B36 20 EC 20 EC 20 20 20 EC ■ ■ ■  
 .:0B3E 20 EC 20 00 C0 OA 06 1A ■ 0-JFZ  
 .:0B46 ED 20 20 20 ED 20 ED 20 ■ L ■  
 .:0B4E 20 20 ED 20 ED 20 20 ■ L ■  
 .:0B56 ED 20 ED 20 20 20 ED 20 ■ L ■  
 .:0B5E ED 20 00 C0 OB 06 1A EE ■ 0-KFZ  
 .:0B66 20 20 EE EE 20 EE 20 20 ■ H  
 .:0B6E 20 EE 20 EE 20 20 20 EE ■ H  
 .:0B76 20 EE 20 20 20 EE 20 EE ■ H  
 .:0B7E 20 00 C0 06 1A EF 20 ■ 0-LFZ  
 .:0B86 20 20 20 EF 20 20 20 ■  
 .:0B8E EF 20 EF 20 20 20 EF 20 ■  
 .:0B96 EF 20 20 20 EF 20 EF 20 ■  
 .:0B9E 00 C0 0F 08 14 41 2E 20 0-OHTA  
 .:0BA6 44 05 14 14 OB 05 20 26 DETTKE &  
 .:0BAE 20 57 2E 20 4B OC 09 0E W. KLIN  
 .:0BB6 07 00 C0 11 0E 09 31 39 GO-QNI19  
 .:0BBE 39 31 2D 31 39 39 33 00 91-19930  
 .:0BC6 C0 13 08 14 43 36 34 20 -SHTC64  
 .:0BCE 49 0D 01 07 05 20 50 12 IMAGE PR  
 .:0BD6 0F 03 05 13 13 09 0E 07 OCESSING  
 .:0BDE 00 80 49 0E 13 14 01 0C 0-INSTAL  
 .:0BE6 OC 09 0E 07 3A 20 20 20 LING:  
 .:0BEE 20 20 20 20 20 20 20 20 ■  
 .:0BF6 20 20 20 20 20 20 00 A2 ■  
 .:0C01 9D B7 23 STA \$23B7,X  
 .:0C04 CA DEX YU  
 .:0C05 10 FA BPL \$0C01  
 .:0C07 A9 14 LDA #14  
 .:0C09 A2 06 LDX #06  
 .:0C0B A0 1C LDY #1C  
 .:0C0D 20 E2 14 JSR \$14E2  
 .:0C10 20 F3 14 JSR \$14F3  
 .:0C13 A2 AB LDX #AB  
 .:0C15 A0 23 LDY #23  
 .:0C17 4C 64 14 JMP \$1464  
 .:0C1A AD 53 21 LDA \$2153 = 7  
 .:0C1D A2 4C GLDX #4C \$214C, GOD.SET  
 .:0C1F A0 21 LDY #21  
 .:0C21 20 BD FF JSR \$FFBD FILNAM  
 103E5

03CD LDA #33  
09CF JSR \$FFD2

60 Dot

., OC24 A9 01 LDA #\$01  
., OC26 A6 BA LDX \$BA  
., OC28 A0 00 LDY #\$00  
., OC2A 20 BA FF JSR \$FFFBALPAR  
., OC2D A9 00 LDA #\$00  
., OC2F AA TAX ~~1000~~ \$0800  
., OC30 A0 0B LDY #\$0B  
., OC32 20 D5 FF JSR \$FFFD5 LOAD  
., OC35 B0 77 BCS \$OCAB ~~Tables~~  
., OC37 AD 5C 21 LDA \$215C8  
., OC3A A2 54 LDX #\$54 } GOD MAIN  
., OC3C A0 21 LDY #\$21 }  
., OC3E 20 BD FF JSR \$FFFBDFILNAM  
., OC41 A9 01 LDA #\$01  
., OC43 A6 BA LDX \$BA  
., OC45 A0 00 LDY #\$00  
., OC47 20 BA FF JSR \$FFFBALPAR  
., OC4A A9 00 LDA #\$00  
., OC4C AA TAX ~~1000~~ nach \$1000  
., OC4D A0 10 LDY #\$10  
., OC4F 20 D5 FF JSR \$FFFD5 LOAD  
., OC52 B0 5A BCS \$OCAB ~~Tables~~  
., OC54 20 B0 21 JSR \$21B0  
., OC57 AD 66 21 LDA \$2166  
., OC5A A2 5D LDX #\$5D 600. UPMEH  
., OC5C A0 21 LDY #\$21  
., OC5E 20 BD FF JSR \$FFFBDFILNAM  
., OC61 A9 01 LDA #\$01  
., OC63 A6 BA LDX \$BA  
., OC65 A0 00 LDY #\$00  
., OC67 20 BA FF JSR \$FFFBALPAR  
., OC6A A9 00 LDA #\$00  
., OC6C AA TAX ~~1000~~ nach \$FOOO  
., OC6D A0 F0 LDY #\$FO  
., OC6F 20 D5 FF JSR \$FFFD5 ~~Tables~~  
., OC72 B0 3A BCS \$OCAB ~~Tables~~  
., OC74 AD 82 21 LDA \$21B27  
., OC77 A2 67 LDX #\$67 } GOD INT  
., OC79 A0 21 LDY #\$21 }  
., OC7B 20 BD FF JSR \$FFFBDFILNAM  
., OC7E A9 01 LDA #\$01  
., OC80 A6 BA LDX \$BA  
., OC82 A0 00 LDY #\$00  
., OC84 20 BA FF JSR \$FFFBALPAR  
., OC87 A9 00 LDA #\$00  
., OC89 AA TAX ~~1000~~ nach \$800  
., OC8A A0 38 LDY #\$381  
., OC8C 20 D5 FF JSR \$FFFD5 ~~Tables~~  
., OC8F 90 03 BCC \$0C94  
., OC91 EE C7 27 INC \$27C7  
., OC94 A5 BA LDA \$BA  
., OC96 BD A8 OF STA \$0FAB  
., OC99 BD C4 OF STA \$0FC4  
., OC9C BD C3 OF STA \$0FC3  
., OC9F BD A7 28 STA \$28A7  
., OCA2 BD AC 02 STA \$02AC  
., OCA5 20 54 25 JSR \$2554  
., OCAB 20 A6 29 JSR \$29A6  
., OCAB 4C 2B 26 JMP \$262B  
., OCAB 4C E2 FC JMP \$FCE2 ~~RESET~~  
., OCBT A9 CO LDA #\$CO  
., OCBC 85 20 STA \$20

., OCB5 A2 02 LDX #\$02 ~~J0200~~  
., OCB7 B6 21 STX \$21  
., OCB9 A0 3E LDY #\$3E  
., OCBB B9 F5 20 LDA \$20F5,Y  
., OCBE 91 20 STA (\$20),Y  
., OCBO 88 DEY ~~1000~~ 16  
., OCCE 10 FB BPL \$0CBB  
., OCDC 60 RTS  
., OCDC 20 D5 26 JSR \$26D5  
., OCDD 5A 01 LDA #\$01  
., OCDD 48 PHA ~~00~~  
., OCDA A9 37 CLDA #\$37  
., OCDC 85 01 ASTA #\$01 16 AF  
., OCCE A0 00 LDY #\$00  
., OCDO A2 09 LDX #\$09  
., OCDD 8C 80 DE STY \$DEB0  
., OCDD 8D 00 80 LDA \$8000,X  
., OCDD C9 50 CMP #\$50  
., OCDA DO 0A BNE \$0CDE6  
., OCDC EB INX A  
., OCDD BD 00 80 LDA \$8000,X  
., OCDD C9 46 CMP #\$46  
., OCDE2 DO 02 BNE \$0CDE6  
., OCDE4 A2 03 LDX #\$03  
., OCDE6 68 PLA  
., OCDE7 B5 01 ASTA #\$01  
., OCDE9 88 DEY  
., OCDEA 8C 80 DE STY \$DEB0  
., OCED EO 0A CPX #\$0A  
., OCDF DO 01 BNE \$0CF2  
., OCFF1 CA DEX  
., OCFF2 B6 AD STX \$AD  
., OCFF4 AD C7 OF LDA \$0FC7  
., OCFF7 FO 08 BEQ \$0D01  
., OCFF9 EO 09 CPX #\$09  
., OCFFB DO 04 BNE \$0D01  
., OCFFD A9 02 LDA #\$02  
., OCFF E5 AD STA \$AD  
., OD01 EO 09 CPX #\$09  
., OD03 90 69 BCC \$0D6E  
., OD05 A2 00 LDX #\$00  
., OD07 AD 09 DF LDA \$0DF09  
., OD0A C9 1F CMP #\$1F  
., OD0C DO 09 BNE \$0D17  
., ODOE AD OA DF LDA \$0DFOA  
., OD11 C9 3F CMP #\$3F  
., OD13 DO 02 BNE \$0D17  
., OD15 A2 02 LDX #\$02  
., OD17 8A TXA  
., OD18 FO 54 BEQ \$0D6E  
., OD1A 0A ASL  
., OD1B 85 AD STA \$AD  
., OD1D A9 4C LDA #\$4C  
., OD1F BD AA 28 STA \$28AA  
., OD22 A9 BO LDA #\$BO  
., OD24 BD AB 28 STA \$2BAB  
., OD27 AD 00 DF LDA \$0DFOO  
., OD2A 29 10 AND #\$10  
., OD2C DO 04 BNE \$0D32  
., OD2E 06 AD ASL \$AD  
., OD30 DO 3C BNE \$0D6E

GoDot

., OD32 A0 91 LDY #\$91  
., OD34 20 45 25 JSR \$2545  
., OD37 A9 B0 LDA #\$B0  
., OD39 8D 38 21 STA \$213B  
., OD3C CE 3D 21 DEC \$213D  
., OD3F CE 40 21 DEC \$2140  
., OD42 88 DEY  
., OD43 84 B0 STY \$B0  
., OD45 20 45 25 JSR \$2545  
., OD48 EE 3A 21 INC \$213A  
., OD4B E6 B0 INC \$B0  
., OD4D 20 45 25 JSR \$2545  
., OD50 CE 3A 21 DEC \$213A  
., OD53 C8 INY  
., OD54 20 45 25 JSR \$2545  
., OD57 A9 AE LDA #\$AE  
., OD59 8D 38 21 STA \$213B  
., OD5C EE 3D 21 INC \$213D  
., OD5F EE 40 21 INC \$2140  
., OD62 98 TYA  
., OD63 38 SEC  
., OD64 E5 B0 SBC \$B0  
., OD66 F0 02 BEQ \$0D6A  
., OD68 E6 AD INC \$AD  
., OD6A 88 DEY  
., OD6B 20 45 25 JSR \$2545  
., OD6E A2 OC LDX #\$OC  
., OD70 A5 AD LDA #\$AD  
., OD72 1D A2 OF ORA \$0FA2,X  
., OD75 9D A2 OF STA \$0FA2,X  
., OD78 38 SEC  
., OD79 60 RTS  
., OD7A A2 08 LDX #\$08  
., OD7C BD 38 21 LDA \$213B,X  
., OD7F 9D 02 DF STA \$DF02,X  
., ODB2 CA DEX  
., ODB3 10 F7 BPL \$0D7C  
., OD85 8C 01 DF STY \$DF01  
., OD88 60 RTS  
., OD89 20 09 15 JSR \$1509  
., ODBC A9 02 LDA #\$02  
., OD8E 85 AC STA \$AC  
., OD90 AD AB OF LDA \$0FA8  
., OD93 48 PHA  
., OD94 A2 08 LDX #\$08  
., OD96 A0 00 LDY #\$00  
., OD98 BD A2 OF LDA \$0FA2,X  
., OD9B 29 OF AND #\$0F  
., OD9D F0 4F BEQ \$0DEE  
., OD9F 9D A2 OF STA \$0FA2,X  
., ODA2 A0 05 LDY #\$05  
., ODA4 B9 41 21 LDA \$2141,Y  
., ODA7 99 D8 OF STA \$0FD8,Y  
., ODA8 BB DEY  
., ODAB 10 F7 BPL \$0DA4  
., ODAD A9 DB LDA #\$DB  
., ODAF 85 BB STA \$BB  
., ODB1 A9 OF LDA #\$0F  
., ODB3 85 BC STA \$BC  
., ODB5 A9 06 LDA #\$06  
., ODB7 85 B7 STA \$B7  
., ODB9 8A TXA  
., ODBA 20 8E 14 JSR \$148E  
., ODBD 8A TXA  
., ODBE A0 6F LDY #\$6F  
., ODC0 20 B1 14 JSR \$1481  
., ODC3 20 A5 FF JSR \$FFA5  
., ODC6 B5 B0 STA \$B0  
., ODC8 20 A5 FF JSR \$FFA5  
., ODCB 85 B1 STA \$B1  
., ODCD 20 AB FF JSR \$FFAB  
., ODD0 A5 B0 LDA \$B0  
., ODD2 29 F0 AND #\$F0  
., ODD4 C9 30 CMP #\$30  
., ODD6 D0 70 BNE \$0E4B  
., ODD8 A5 B0 LDA \$B0  
., ODDA 29 OF AND #\$0F  
., ODDC C9 07 CMP #\$07  
., ODDE D0 04 BNE \$0DE4  
., ODE0 A5 B1 LDA \$B1  
., ODE2 29 OF AND #\$0F  
., ODE4 0A ASL  
., ODE5 0A ASL  
., ODE6 0A ASL  
., ODE7 0A ASL  
., ODE8 1D A2 OF ORA \$0FA2,X  
., ODEB 9D A2 OF STA \$0FA2,X  
., ODEE EB INX  
., ODEF EO OC CPX #\$OC  
., ODF1 D0 A3 BNE \$0D94  
., ODF3 A9 20 LDA #\$20  
., ODF5 9D A2 OF STA \$0FA2,X  
., ODF8 C6 B7 DEC #\$B7  
., ODFA A2 0B LDX #\$0B  
., ODFC A0 04 LDY #\$04  
., ODFE B9 47 21 LDA \$2147,Y  
., OEO1 99 D8 OF STA \$0FD8,Y  
., OEO4 88 DEY  
., OEO5 10 F7 BPL \$0DFE  
., OEO7 BD A2 OF LDA \$0FA2,X  
., OEOA 29 10 AND #\$10  
., OEOC F0 OD BEQ \$0E1B  
., OEOF 8A TXA  
., OEOF 8D AB OF STA \$0FA8  
., OE12 48 PHA  
., OE13 20 8E 14 JSR \$148E  
., OE16 20 E9 2D JSR \$2DE9  
., OE19 68 PLA  
., OE1A AA TAX  
., OE1B EB INX  
., OE1C EO OC CPX #\$OC  
., OE1E DO DC BNE \$0DFC  
., OE20 20 8F 24 JSR \$248F  
., OE23 AA TAX  
., OE24 68 PLA  
., OE25 8D AB OF STA \$0FA8  
., OE28 BA TXA  
., OE29 29 OF AND #\$0F  
., OE2B C9 09 CMP #\$09  
., OE2D B0 18 BCS \$0E47  
., OE2F 20 1F 30 JSR \$301F  
., OE32 D0 13 BNE \$0E47  
., OE34 A2 5E LDX #\$5E

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.,OE36 BD 9B 2F LDA \$2E98,X	.,OEBF 3B SEC \$114 40 00 SEC \$114
.,OE39 9D 00 CO STA #\$C000,X	.,OECD E9 04 SBC #\$04 \$114 01 SEC \$114
.,OE3C CA DEX \$0FBA	.,OEC2 8D BA OF STA #\$0FBA \$114 00 SEC \$114
.,OE3D 10 F7 BPL \$0E36	.,OEC5 CA DEX \$0FBA
.,OE3F A2 0A LDX #\$06	.,OEC6 BD 22 2F LDA \$2F22,X \$114 00 SEC \$114
.,OE41 20 B0 CA JSR \$CAB0	.,OEC9 9D 00 02 STA #\$0200,X
.,OE44 20 AF 1C JSR #\$1C0F	.,OECC BD 36 2F LDA \$2F36,X
.,OE47 60 RTS	.,OECD 9D DC 03 STA #\$03DC,X
.,OE48 C6 AC DEC \$4C	.,OED2 9D B7 23 STA #\$23B7,X
.,OE4A F0 OD BEQ \$0E59	.,OED5 CA DEX \$120
.,OE4C A9 E9 LDA #\$E9	.,OED6 10 EE BPL \$0E66
.,OE4E 8D DB OF STA #\$0FDB	.,OED8 20 D2 23 JSR \$23D2
.,OE51 A9 A6 LDA #\$A6	.,OEDE 20 C8 23 JSR \$23C8
.,OE53 8D DC OF STA #\$0FDC	.,OEED 4E A9 OF LSR \$0FA91
.,OE56 4C 78 25 JMP \$2578	.,OEED AD FF 2E LDA \$2EFF
.,OE59 A9 04 LDA #\$04	.,OEED BD B9 OF STA #\$0FB9
.,OE5B 85 B0 STA #\$B0	.,OEEA AA TAX
.,OE5D 4C A3 25 JMP \$25A3	.,OEEB 3B SEC
.,OE60 A9 30 LDA #\$30	.,OEEC E9 04 SBC #\$04
.,OE62 85 01 STA #01 RAM	.,OEED 8D BA OF STA #\$0FB9
.,OE64 A2 03 LDX #\$03	.,OEF1 CA DEX
.,OE66 A0 00 LDY #\$00	.,OEF2 BD 00 2F LDA \$2F00,X
.,OE68 A9 CO LDA #\$CO	.,OEF5 9D 00 02 STA #\$0200,X
.,OE6A B4 20 STY #\$20	.,OEF8 BD 14 2F LDA \$2F14,X
.,OE85 21 STA #\$21	.,OEEF 9D DC 03 STA #\$03DC,X
.,OE6E A9 18 LDA #\$18	.,OEEE 9D B7 23 STA #\$23B7,X
.,OE70 91 20 STA (\$20),Y	.,OFO1 CA DEX
.,OE72 C8 INY	.,OFO2 10 EE BPL \$0EF2
.,OE73 A9 60 LDA #\$60	.,OFO4 20 D2 23 JSR \$23D2
.,OE75 91 20 STA (\$20),Y	.,OFO7 4C 25 18 JMP \$1825
.,OE77 18 CLC	.,OFOA 7B SEI
.,OE78 A5 21 LDA \$210	.,OFOB AD 00 D6 LDA \$D600
.,OE7A 69 10 ADC #\$10	.,OFOC 48 PHA
.,OE7C 88 DEY	.,OFOF AD 01 D6 LDA \$D601
.,OE7D CA DEX	.,OF12 48 PHP
.,OE7E DO EC BNE \$0E6C	.,OF13 A2 12 CLDX #\$12
.,OE80 A9 36 LDA #\$36	.,OF15 A9 40 LDA #\$40
.,OE82 85 01 STA #01 ROM	.,OF17 20 00 27 JSR \$2700
.,OE84 20 C8 23 JSR \$23C8	.,OF1A A0 F5 LDY #\$F5
.,OE87 A9 04 LDA #\$04	.,OF1C A2 00 CLDX #\$400
.,OE89 BD A9 OF STA \$0EA940	.,OF1E E8 INX
.,OE8C AD 43 2F LDA \$2E43	.,OF1F DO FD BNE \$0F1E
.,OE8F BD B9 OF STA \$0FB9	.,OF21 CB INY
.,OF2 AA TAX	.,OF22 DO FA BNE \$0F1E
.,OE93 3B SEC	.,OF24 AD 01 D6 LDA \$D601
.,OE94 E9 04 SBC #\$04	.,OF27 C9 40 CMP #\$40
.,OE96 8D BA OF STA \$0FBA	.,OF29 F0 3D BEQ \$0F68
.,OE99 CA DEX	.,OF2B 68 PLA
.,OE9A BD 44 2F LDA \$2F44,X	.,OF2C 8D 01 D6 STA \$D601
.,OE9D 9D 00 02 STA #\$0200,X	.,OF2F 68 PLA
.,OEA0 BD 58 2F LDA \$2F58,X	.,OF30 8D 00 D6 STA \$D600
.,OEA3 9D DC 03 STA #\$03DC,X	.,OF33 58 CLI
.,OEA6 9D B7 23 STA #\$23B7,X	.,OF34 60 RTS
.,OEA9 CA DEX	.,OF35 8E 00 D6 STX \$D600
.,OEA9 10 EE BPL \$0E9A	.,OF38 A2 00 LDX #\$00
.,OEA9 20 D2 23 JSR \$23D2	.,OF3A EB INX
.,OEA9 20 25 18 JSR \$1825	.,OF3B DO FD BNE \$0F3A
.,OEB2 20 D8 23 JSR \$23C8	.,OF3D 8D 01 D6 STA \$D601
.,OEB5 4E A9 OF LSR \$0FA9	.,OF40 60 RTS
.,OEB8 AD 21 2F LDA \$2F21	.,OF41 BE 00 D6 STX \$D600
.,OEBB BD B9 OF STA \$0FB9	TAX



# Go Dot

.:1111 55 AA 55 22 55 AA 55 22 UU"U.U".  
 .:1119 55 AA 55 AA 55 AA 55 AA UU.UU.U.  
 .:1121 55 EE 55 AA 55 EE 55 AA UU.UU.U.  
 .:1129 55 EE 55 BB 55 EE 55 BB UU.UU.U.  
 .:1131 55 FF 55 BB 55 FF 55 BB UU.UU.U.  
 .:1139 55 FF 55 FF 55 FF 55 FF UU.UU.U.  
 .:1141 55 FF 77 FF 55 FF 77 FF UU.UU.U.  
 .:1149 55 FF 77 FF 77 FF 77 FF UU.UU.U.  
 .:1151 77 FF 77 FF 77 FF 77 FF UU.UU.U.  
 .:1159 FF FF FF FF FF FF FF UU.UU.U.  
 .:1161 FF A2 7F BD AD 28 9D 00 UU.UU.U.  
  
 .:1162 A2 7F LDX #\$7F  
 .:1164 BD AD 28 LDA #\$28AD,X  
 .:1167 9D 00 STA \$0F00,X  
 .:116A CA DEX  
 .:116B 10 F7 BPL \$1164  
 .:116D 60 RTS  
  
 .:116E A0 00 LDY #\$00 =2939  
 .:1170 BC 30 DO STY \$D030  
 .:1173 A9 02 LDA #\$02  
 .:1175 84 A8 STY \$A8  
 .:1177 85 A9 STA \$A9  
 .:1179 B1 AB LDA (\$AB) Y BASIC-Direktmodus  
 .:117B C9 3A CMP #\$3A : Zeile holen  
 .:117D FO 04 BEQ \$1183  
 .:117F C8 INY  
 .:1180 DO F7 BNE \$1179 LOOP  
 .:1182 60 RTS ←  
 .:1183 C0 50 CPY #\$50 über 80<sup>2</sup>  
 .:1185 B0 FB BCS \$1182 dann gehört Grund  
 .:1187 20 62 2A JSR \$2A62 vor BASIC Zeile  
 .:118A C8 INY  
 .:118B 20 76 2A JSRT \$2A76  
 .:118E A0 00 LDY #\$00  
 .:1190 B1 AB LDA (\$AB),Y  
 .:1192 C9 22 CMP #\$22  
 .:1194 DO EC BNE \$1182  
 .:1196 20 6F 2A JSR \$2A6F  
 .:1199 A2 00 LDX #\$00  
 .:119B B1 AB LDA (\$AB),Y  
 .:119D DD 7E 21 CMP #\$217E,X  
 .:11A0 DO 07 BNE \$11A9  
 .:11A2 E8 INX  
 .:11A3 C8 INY  
 .:11A4 C0 04 CPY #\$04  
 .:11A6 DO F3 BNE \$119B  
 .:11A8 2C A0 00 BIT \$00AO  
 .:11AB A2 00 LDX #\$00  
 .:11AD BD 7E 21 LDA #\$217E,X  
 .:11B0 9D 67 21 STA \$2167,X  
 .:11B3 E8 INX  
 .:11B4 EO 04 CPX #\$04  
 .:11B6 DO F5 BNE \$11AD  
 .:11B8 B1 AB LDA (\$AB),Y  
 .:11BA FO 1B BEQ \$11D7  
 .:11BC C9 22 CMP #\$22  
 .:11BE FO 17 BEQ \$11D7  
 .:11C0 9D 67 21 STA \$2167,X  
 .:11C3 C8 INY  
 .:11C4 E8 INX

.:11C5 EO 11 CPX #\$11  
 .:11C7 DO EF BNE \$11E8  
 .:11C9 AC 82 21 LDY \$2182  
 .:11CC 88 DEY  
 .:11CD B9 77 21 LDA \$2177,Y  
 .:11D0 99 67 21 STA \$2167,Y  
 .:11D3 88 DEY  
 .:11D4 10 F7 BPL \$11CD  
 .:11D6 60 RTS  
 .:11D7 8E 82 21 STX \$2182  
 .:11DA 60 RTS  
 .:11DB AD C7 27 LDA \$27C7  
 .:11DE FO 01 BEQ \$11E1  
 .:11EO 60 RTS  
 .:11E1 A9 00 LDA #\$00  
 .:11E3 85 A8 STA \$A8  
 .:11E5 A9 38 LDA #\$38  
 .:11E7 85 A9 STA \$A9  
 .:11E9 DO 03 BNE \$11EE  
 .:11EB 20 76 2A JSR \$2A76  
 .:11EE A0 00 LDY #\$00  
 .:11FO 84 B1 STY \$B1  
 .:11F2 84 B2 STY \$B2  
 .:11F4 20 3A 2A JSR \$2A3A  
 .:11F7 EO 03 CPX #\$03  
 .:11F9 FO 73 BEQ \$128E  
 .:11FB C8 INY  
 .:11FC B1 A8 LDA (\$AB),Y  
 .:11FE 29 7F AND #\$7F  
 .:1200 FO 55 BEQ \$1257  
 .:1202 C9 0D CMP #\$0D  
 .:1204 FO 51 BEQ \$1257  
 .:1206 C9 41 CMP #\$41  
 .:1208 90 F1 BCS \$11FB  
 .:120A C9 5B CMP #\$5B  
 .:120C B0 ED BCS \$11FB  
 .:120E B4 E0 STY \$B0  
 .:1210 A2 2B LDX #\$2B  
 .:1212 86 AE STX \$AE  
 .:1214 A2 2E LDX #\$2E  
 .:1216 86 AF STX \$AF  
 .:1218 A2 00 LDX #\$00  
 .:121A 86 B3 STX \$B3  
 .:121C 38 SEC  
 .:121D E1 AE SBC (\$AE,X)  
 .:121F FO 17 BEQ \$1238  
 .:1221 C9 80 CMP #\$80  
 .:1223 FO 20 BEQ \$1245  
 .:1225 A1 AE LDA (\$AE,X)  
 .:1227 FO C2 BEQ \$11EB  
 .:1229 30 0B BMI \$1233  
 .:122B E6 AE INC \$AE  
 .:122D DO F6 BNE \$1225  
 .:122F E6 AF INC \$AF  
 .:1231 DO F2 BNE \$1225  
 .:1233 E6 B3 INC \$B3  
 .:1235 A4 B0 LDY \$B0  
 .:1237 A9 CB LDA #\$08  
 .:1239 B1 AB LDA (\$AB),Y  
 .:123B 29 7F AND #\$7F  
 .:123D E6 AE INC \$AE

., 123F DO DB BNE \$121C  
 ., 1241 E6 AF INC #\$AF  
 ., 1243 DO D7 BNE \$121C  
 ., 1245 C4 B0 CPY \$B0  
 ., 1247 F0 B2 BEQ \$11FB  
 ., 1249 20 62 2A JSR \$2A62  
 ., 124C 20 28 2A JSR \$2A28  
 ., 124F A0 00 LDY #\$00  
 ., 1251 B1 A8 LDA (\$AB), Y  
 ., 1253 C9 22 CMP #\$22  
 ., 1255 DO 03 BNE \$125A  
 ., 1257 20 6F 2A JSR \$2A6F  
 ., 125A 4C B9 29 JMP \$29B9  
 ., 125D 20 76 2A JSR \$2A76  
 ., 1260 A0 00 LDY #\$00  
 ., 1262 A5 B3 LDA \$B3  
 ., 1264 0A ASL A  
 ., 1265 AA TAX  
 ., 1266 BD A4 2E LDA \$2EA4, X  
 ., 1269 48 PHA  
 ., 126A BD A3 2E LDA \$2EA3, X  
 ., 126D 48 PHA  
 ., 126E 60 RTS  
 ., 126F A2 00 LDX #\$00  
 ., 1271 B1 A8 LDA (\$AB), Y  
 ., 1273 F0 0F BEQ \$1284  
 ., 1275 C9 0D CMP #\$0D  
 ., 1277 F0 OB BEQ \$1284  
 ., 1279 C9 22 CMP #\$22  
 ., 127B F0 13 BEQ \$1290  
 ., 127D 84 B1 STY \$B1  
 ., 127F 20 6F 2A JSR \$2A6F  
 ., 1282 DO ED BNE \$1271  
 ., 1284 E6 B1 INC \$B1  
 ., 1286 A6 B1 LDX \$B1  
 ., 1288 E0 03 CPX #\$03  
 ., 128A F0 OA BEQ \$1296  
 ., 128C 05 B2 ORA \$B2  
 ., 128E F0 EF BEQ \$127F  
 ., 1290 E6 B2 INC \$B2  
 ., 1292 A9 00 LDA #\$00  
 ., 1294 85 B1 STA \$B1  
 ., 1296 60 RTS  
 ., 1297 C8 INY  
 ., 1298 B1 A8 LDA (\$AB), Y  
 ., 129A C9 20 CMP #\$20 SPACE  
 ., 129C F0 E9 BEQ \$1297  
 ., 129E C9 3D CMP #\$3D "n=?"  
 ., 12A0 F0 F5 BEQ \$1297  
 ., 12A2 88 DEY & LDX  
 ., 12A3 60 RTS End  
 ., 12A4 E6 AB INC \$AB  
 ., 12A6 DO 02 BNE \$12AA  
 ., 12A8 E6 A9 INC \$A9  
 ., 12AA 60 RTS  
 ., 12AB 98 TYA + \$01  
 ., 12AC 18 CLC + TYC  
 ., 12AD 65 AB ADC \$AB  
 ., 12AF 85 AB STA \$AB  
 ., 12B1 90 02 BCC \$12B5  
 ., 12B3 E6 A9 INC \$A9  
 ., 12B5 60 RTS

., 12B6 B1 A8 LDA (\$AB), Y  
 ., 12B8 C9 2C CMP #\$2C  
 ., 12B9 F0 06 BEQ \$12C2  
 ., 12BC 18 CLC  
 ., 12BD 60 RTS  
 ., 12BE A9 01 LDA #\$01  
 ., 12C0 85 FD STA \$FD  
 ., 12C2 A2 00 LDX #\$00  
 ., 12C4 B6 14 STX \$14  
 ., 12C6 86 15 STX \$15  
 ., 12C8 20 6F 2A JSR \$2A6F  
 ., 12CB B1 A8 LDA (\$AB), Y  
 ., 12CD C9 20 CMP #\$20  
 ., 12CF F0 F7 BEQ \$12CB  
 ., 12D1 C9 3A CMP #\$3A  
 ., 12D3 B0 36 BCS \$130B  
 ., 12D5 38 SEC  
 ., 12D6 E9 30 SBC #\$30  
 ., 12D8 38 SEC  
 ., 12D9 E9 DO SBC #\$DO  
 ., 12DB B0 2E BCS \$130B  
 ., 12DD E9 2F SBC #\$2F  
 ., 12DF 85 07 STA \$07  
 ., 12E1 A5 15 LDA \$15  
 ., 12E3 85 A7 STA \$A7  
 ., 12E5 C9 19 CMP #\$19  
 ., 12E7 B0 22 BCS \$130B  
 ., 12E9 A5 14 LDA \$14  
 ., 12EB 0A ASL  
 ., 12EC 26 A7 ROL \$A7  
 ., 12EE 0A ASL  
 ., 12EF 26 A7 ROL \$A7  
 ., 12F1 65 14 ADC \$14  
 ., 12F3 85 14 STA \$14  
 ., 12F5 A5 A7 LDA \$A7  
 ., 12F7 65 15 ADC \$15  
 ., 12F9 85 15 STA \$15  
 ., 12FB 06 14 ASL  
 ., 12FD 26 15 ROL \$15  
 ., 12FF A5 14 LDA \$14  
 ., 1301 65 07 ADC \$07  
 ., 1303 85 14 STA \$14  
 ., 1305 90 C1 BCC \$12C8  
 ., 1307 E6 15 INC \$15  
 ., 1309 DO BD BNE \$12C8  
 ., 130B A5 14 LDA \$14  
 ., 130D 60 RTS  
 ., 130E A2 00 LDX #\$00  
 ., 1310 C8 INY  
 ., 1311 B1 A8 LDA (\$AB), Y  
 ., 1313 F0 06 BEQ \$131B  
 ., 1315 C9 0D CMP #\$0D  
 ., 1317 DO 02 BNE \$131B  
 ., 1319 A9 00 LDA #\$00  
 ., 131B 9D D8 OF STA \$0FD8, X  
 ., 131E F0 0A BEQ \$132A  
 ., 1320 C9 22 CMP #\$22  
 ., 1322 F0 06 BEQ \$132A  
 ., 1324 C8 INY  
 ., 1325 E8 INX  
 ., 1326 E0 10 CPX #\$10

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,, 1328 DO E7 BNE \$1311 61 0A 0001 .. , 13B1 DO EF BNE \$13A2 81 0A 0001 ..  
., 132A B6 24 STX \$248 70 0C 0001 .. , 13B3 60 RTS 81 0A 0001 ..  
., 132C A9 20 LDA #\$20 70 0C 0001 .. , 13B4 20 89 2A JSR \$2A89 81 0A 0001 ..  
., 132E EO 10 CPX #\$10 70 0C 0001 .. , 13B7 90 03 BCC \$13BC 81 0A 0001 ..  
., 1330 FO 06 BEQ \$133B 80 0C 0001 .. , 13B9 BD D9 2E STA \$2ED9 81 0A 0001 ..  
., 1332 9D D8 OF STA \$0FDB,X 80 0C 0001 .. , 13BC 20 81 2A JSR \$2A81 81 0A 0001 ..  
., 1335 EB INX #18 80 0C 0001 .. , 13BF A6 FD LDX \$FD 80 0C 0001 ..  
., 1336 DO F6 BNE \$132E 80 0C 0001 .. , 13C1 90 03 BCC \$13C6 81 0A 0001 ..  
., 1338 A9 00 LDA #\$00 80 0C 0001 .. , 13C3 9D D9 2E STA \$2ED9,X 80 0C 0001 ..  
., 133A 9D D8 OF STA \$0FDB,X 80 0C 0001 .. , 13C6 EB INX #18 80 0C 0001 ..  
., 133D 20 76 2A JSR \$2A76 80 0A 0001 .. , 13C7 86 FD STX \$FD 80 0C 0001 ..  
., 1340 A5 24 LDA #\$24 80 0C 0001 .. , 13C9 EO 04 CPX #\$04 80 0C 0001 ..  
., 1342 60 RTS X#1 80 0C 0001 .. , 13CB DO EF BNE \$13BC 81 0A 0001 ..  
., 1343 20 8D 2A JSR \$2A8D 80 0C 0001 .. , 13CD 60 X#1 RTS 80 0C 0001 ..  
., 1346 90 03 BCC \$134B 81 0A 0001 .. , 13CE 20 8D 2A JSR \$2ABD 80 0C 0001 ..  
., 1348 8D C9 2E STA \$2EC9 80 0C 0001 .. , 13D1 90 7F BCC \$1452 81 0A 0001 ..  
., 134B 60 RTS #18 80 0C 0001 .. , 13D3 C9 02 CMP #\$02 80 0C 0001 ..  
., 134C 20 8D 2A JSR \$2A8D 80 0C 0001 .. , 13D5 90 7B TBCC \$1452 81 0A 0001 ..  
., 134F 90 18 BCC \$1369 81 0C 0001 .. , 13D7 C9 10 CMP #\$10 80 0C 0001 ..  
., 1351 A2 04 LDY #\$04 80 0C 0001 .. , 13D9 B0 77 BCS \$1452 80 0C 0001 ..  
., 1353 AB TAY #18 80 0C 0001 .. , 13DB AA STX #FD 80 0C 0001 ..  
., 1354 FO 04 BEQ \$135A 80 0C 0001 .. , 13DC 86 FD STX \$FD 80 0C 0001 ..  
., 1356 A9 02 LDA #\$02 80 0C 0001 .. , 13DE 86 FC STX \$FC 80 0C 0001 ..  
., 1358 A2 0A CLDX #\$0A 80 0C 0001 .. , 13EO 84 AC STY \$AC 80 0C 0001 ..  
., 5A BD CA 2E STA \$2ECA 80 0C 0001 .. , 13E2 20 81 2A JSR \$2A81 80 0C 0001 ..  
., 135D A0 04 LDY #\$04 80 0C 0001 .. , 13E5 A6 AC QLDX \$AC 80 0C 0001 ..  
., 135F BD B4 1D LDA \$1DB4,X 80 0C 0001 .. , 13E7 B0 03 BCS \$13EC 80 0C 0001 ..  
., 1362 99 DC 1E STA \$1EDC,Y 80 0C 0001 .. , 13E9 BD DD 2E LDA \$2EDD,X 80 0C 0001 ..  
., 1365 CA DEX #18 80 0C 0001 .. , 13EC 9D ED 2E STA \$2EED,X 80 0C 0001 ..  
., 1366 88 DEY #18 80 0C 0001 .. , 13EF E6 AC QINC \$AC 80 0C 0001 ..  
., 1367 10 F6 BPL \$135F 80 0C 0001 .. , 13F1 C6 FD QDEC \$FD 80 0C 0001 ..  
., 1369 60 RTS #18 80 0C 0001 .. , 13F3 DO ED BNE \$13E2 80 0C 0001 ..  
., 136A 20 8D 2A JSR \$2A8D 80 0C 0001 .. , 13F5 84 AC STY \$AC 80 0C 0001 ..  
., 136D 90 03 BCC \$1372 80 0C 0001 .. , 13F7 A6 AC QLDX \$AC 80 0C 0001 ..  
., 136F 8D CB 2E STA \$2ECC 80 0C 0001 .. , 13F9 B9 ED 2E LDA \$2EED,Y 80 0C 0001 ..  
., 1372 60 RTS #18 80 0C 0001 .. , 13FC DD DD 2E CMP \$2EED,X 80 0C 0001 ..  
., 1373 20 8D 2A JSR \$2A8D 80 0C 0001 .. , 13FF FO 05 BEQ \$1406 80 0C 0001 ..  
., 1376 90 08 BCC \$1380 80 0C 0001 .. , 1401 EB QINX 80 0C 0001 ..  
., 1378 8D CC 2E STA \$2ECC 80 0C 0001 .. , 1402 EO 10 CPX #\$10 80 0C 0001 ..  
., 137B A5 15 TLDAD \$15 80 0C 0001 .. , 1404 DO F6 BNE \$13FC 80 0C 0001 ..  
., 137D 8D CD 2E STA \$2ECD 80 0C 0001 .. , 1406 8A STXA 80 0C 0001 ..  
., 1380 20 81 2A JSR \$2A81 80 0C 0001 .. , 1407 99 ED 2E STA \$2EED,Y 80 0C 0001 ..  
., 1383 90 03 BCC \$1388 80 0C 0001 .. , 140A C8 QINY 80 0C 0001 ..  
., 1385 8D CE 2E STA \$2ECE 80 0C 0001 .. , 140B C4 FC CPY \$FD 80 0C 0001 ..  
., 1388 60 RTS #18 80 0C 0001 .. , 140D DO EB BNE \$13F7 80 0C 0001 ..  
., 1389 20 8D 2A JSR \$2A8D 80 0C 0001 .. , 140F 84 FD STY \$FD 80 0C 0001 ..  
., 138C 90 03 BCC \$1391 80 0C 0001 .. , 1411 C6 FC DEC \$FD 80 0C 0001 ..  
., 138E 8D CF 2E STA \$2ECD 80 0C 0001 .. , 1413 C6 FC DEC \$FD 80 0C 0001 ..  
., 1391 20 81 2A JSR \$2A81 80 0C 0001 .. , 1415 A0 00 LDY #\$00 80 0C 0001 ..  
., 1394 90 03 BCC \$1399 80 0C 0001 .. , 1417 8C FD 2E STY \$2EFD 80 0C 0001 ..  
., 1396 8D DO 2E STA \$2ED0 80 0C 0001 .. , 141A 8C FE 2E STY \$2EFE 80 0C 0001 ..  
., 1399 60 RTS #18 80 0C 0001 .. , 141D A9 00 LDA #\$00 80 0C 0001 ..  
., 139A 20 89 2A JSR \$2A89 80 0C 0001 .. , 141F 85 FE STA \$FE 80 0C 0001 ..  
., 139D 90 03 BCC \$13A2 80 0C 0001 .. , 1421 85 FF STA \$FFF 80 0C 0001 ..  
., 139F 8D D1 2E STA \$2ED1 80 0C 0001 .. , 1423 B9 ED 2E LDA \$2EED,Y 80 0C 0001 ..  
., 13A2 20 81 2A JSR \$2A81 80 0C 0001 .. , 1426 AA TAX 80 0C 0001 ..  
., 13A5 A6 FD LDX \$FD 80 0C 0001 .. , 1427 38 SEC 80 0C 0001 ..  
., 13A7 90 03 BCC \$13AC 80 0C 0001 .. , 1428 66 FE ROR \$FE 80 0C 0001 ..  
., 13A9 9D D1 2E STA \$2ED1,X 80 0C 0001 .. , 142A 66 FF ROR \$FF 80 0C 0001 ..  
., 13AC E8 INX #18 80 0C 0001 .. , 142C CA DEX 80 0C 0001 ..  
., 13AD 86 FD STX \$FD 80 0C 0001 .. , 142D 10 F9 BPL \$1428 80 0C 0001 ..  
., 13AF EO 05 CPX #\$05 80 0C 0001 ..

GoDot

,,142F A5 FE LDA \$FE,  
. ,1431 0D FE 2E ORA \$2EEFE  
. ,1434 8D FE 2E STA \$2EEFE  
. ,1437 A5 FF LDA \$FF,  
. ,1439 0D FD 2E ORA \$2EEFD  
. ,143C 8D FD 2E STA \$2EEFD  
. ,143F C8 INY X1  
. ,1440 C4 FD CPY \$FD  
. ,1442 DO D9 X,BNE \$141D  
. ,1444 A6 FC LDX \$FC  
. ,1446 AD FD 2E LDA \$2EEFD  
. ,1449 9D 7B 2B STA \$287B,X  
. ,144C AD FE 2E LDA \$2EEFE  
. ,144F 9D 6D 2B STA \$286D,X  
. ,1452 60 RTS  
. ,1453 20 D9 2A JSR \$2AD9  
. ,1456 F0 20 BEQ \$1478  
. ,1458 8D FF 2E STA \$2EFF  
. ,145B AA TAX  
. ,145C CA DEX  
. ,145D 30 08 BMI \$1467  
. ,145F BD D8 OF LDA \$0FDB,X  
. ,1462 9D 00 2F STA \$2F00,X  
. ,1465 DO F5 BNE \$145C  
. ,1467 20 5E 1C JSR \$1C5E  
. ,146A 99 10 2F STA \$2F10,Y  
. ,146D 88 DEY  
. ,146E 30 08 BMI \$1478  
. ,1470 B9 DB OF LDA \$0FDB,Y  
. ,1473 99 10 2F STA \$2F10,Y  
. ,1476 DO F5 BNE \$146D  
. ,1478 60 RTS  
. ,1479 20 D9 2A JSR \$2AD9  
. ,147C F0 20 BEQ \$149E  
. ,147E 8D 21 2F STA \$2F21  
. ,1481 AA TAX  
. ,1482 CA DEX  
. ,1483 30 08 BMI \$148D  
. ,1485 BD D8 OF LDA \$0FDB,X  
. ,1488 9D 22 2F STA \$2F22,X  
. ,148B DO F5 BNE \$1482  
. ,148D 20 5E 1C JSR \$1C5E  
. ,1490 99 32 2F STA \$2F32,Y  
. ,1493 88 DEY  
. ,1494 30 08 BMI \$149E  
. ,1496 B9 D8 OF LDA \$0FDB,Y  
. ,1499 99 32 2F STA \$2F32,Y  
. ,149C DO F5 BNE \$1493  
. ,149E 60 RTS  
. ,149F 20 D9 2A JSR \$2AD9  
. ,14A2 F0 20 BEQ \$14C4  
. ,14A4 8D 43 2F STA \$2F43  
. ,14A7 AA TAX  
. ,14A8 CA DEX  
. ,14A9 30 08 BMI \$14B3  
. ,14AB BD D8 OF LDA \$0FDB,X  
. ,14AE 9D 44 2F STA \$2F44,X  
. ,14B1 DO F5 BNE \$14A9  
. ,14B3 20 5E 1C JSR \$1C5E  
. ,14B6 99 54 2F STA \$2F54,Y  
. ,14B9 88 DEY  
. ,14BA 30 08 BMI \$14C4  
. ,14BC B9 D8 OF LDA \$0FDB,Y  
. ,14BF 99 54 2F STA \$2F54,Y  
. ,14C2 DO F5 BNE \$14B9  
. ,14C4 60 RTS  
. ,14C5 20 D9 2A JSR \$2AD9  
. ,14C8 F0 FA X,BEQ \$14C4  
. ,14CA 85 A7 STA \$A7  
. ,14CC A2 80 LDX \$#80  
. ,14CE A9 00 LDA \$#00  
. ,14DO 85 31 X,BSTA \$31  
. ,14D2 A0 0F LDY \$#0F  
. ,14D4 86 30 STX \$30  
. ,14D6 AA TAX  
. ,14D7 A5 AB LDA \$AB  
. ,14D9 48 PHA  
. ,14DA A5 A9 LDA \$A9  
. ,14DC 48 PHA  
. ,14DD 86 20 STX \$20  
. ,14DF 84 21 STY \$21  
. ,14E1 A2 D8 LDX \$#D8  
. ,14E3 A9 0F LDA \$#0F  
. ,14E5 86 A8 STX \$AB  
. ,14E7 85 A9 STA \$A9  
. ,14E9 20 A5 2D JSR \$2DAS  
. ,14EC AA TAX ATB 2E  
. ,14ED 68 PLA  
. ,14EE 85 A9 STA \$A9  
. ,14FO 68 PLA  
. ,14F1 85 A8 STA \$AB  
. ,14F3 60 RTS  
. ,14F4 98 TYA  
. ,14F5 48 PHA  
. ,14F6 AD A7 28 LDA \$28A7  
. ,14F9 C9 0C CMP \$#0C  
. ,14FB DO 6B BNE \$1568  
. ,14FD 8D BA OF STA \$0FBA  
. ,1500 20 AF 1C JSR \$1CAF  
. ,1503 AD 12 CO LDA \$C012  
. ,1506 48 PHA  
. ,1507 20 AF 1C JSR \$1CAF  
. ,150A 68 PLA  
. ,150B DO 05 BNE \$1512  
. ,150D EE A9 02 INC \$02A9  
. ,1510 DO 56 BNE \$1568  
. ,1512 20 C8 23 JSR \$23C8  
. ,1515 68 PLA  
. ,1516 A8 TAY  
. ,1517 48 PHA  
. ,1518 20 D9 2A JSR \$2AD9  
. ,151B F0 4B BEQ \$1568  
. ,151D 8D 76 2F STA \$2F76  
. ,1520 8D B9 OF STA \$0FB9  
. ,1523 8D AA 02 STA \$02AA  
. ,1526 AA TAX  
. ,1527 CA DEX  
. ,1528 30 0B BMI \$1535  
. ,152A BD D8 OF LDA \$0FDB,X  
. ,152D 9D 77 2F STA \$2F77,X  
. ,1530 9D 00 02 STA \$0200,X  
. ,1533 DO F2 BNE \$1527  
. ,1535 20 1C 2E JSR \$2E1C

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., 1538 20 D2 23 JSR \$23D2 0A 01 0001  
 ., 153B E8 00 INX 7 0E 0A 01 0001  
 ., 153C 8E A9 0F STX \$0FA9 0A 01 0001  
 ., 153F A5 A8 00 LDA \$A8 0E 02 0001  
 ., 1541 48 FF 00 PHA 00 00 0001  
 ., 1542 A5 A9 00 LDA \$A9 0E 02 0001  
 ., 1544 48 FF 00 PHA 00 01 0001  
 ., 1545 A9 00 00 LDA #\$00 0E 02 0001  
 ., 1547 8D 15 DO STA \$D015 0E 02 0001  
 ., 154A 20 25 18 JSR \$1825 0E 0F 0001  
 ., 154D AD B5 OF LDA \$0FB5 0E 02 0001  
 ., 1550 29 OF AND #\$0F 0E 02 0001  
 ., 1552 DO OE BNE \$1562 0E 0F 0001  
 ., 1554 AD 03 CO LDA \$C003 0E 02 0001  
 ., 1557 48 FF 00 PHA 00 02 0001  
 ., 1558 20 AF 1C JSR \$1CAF 0E 02 0001  
 ., 155B 68 00 PLA 0E 02 0001  
 ., 155C A8 00 TAY 0E 02 0001  
 ., 155D A2 06 LDX #\$06 0E 02 0001  
 ., 155F 20 B0 CA JSR \$CAB0 0E 0F 0001  
 ., 1562 68 01 10 PLA 00 09 0001  
 ., 1563 85 A9 STA \$A9  
 ., 1565 68 PLA  
 ., 1566 85 A8 STA \$A8 0E 02 0001  
 ., 1568 68 PLA 0E 02 0001  
 ., 1569 60 RTS 0A 01 00 0001  
 ., 156A 20 D9 2A JSR \$2AD9 0E 02 0001  
 ., 156D F0 38 BEQ \$15A7 0D 0U 0001  
 ., 156F 85 A7 STA \$A7 0E 02 0001  
 ., 1571 A9 00 LDA #\$00 0E 02 0001  
 ., 1573 85 31 STA \$31 0E 02 0001  
 ., 1575 A2 41 LDX #\$41 0E 02 0001  
 ., 1577 A9 F5 LDA #\$F5 0E 02 0001  
 ., 1579 A0 20 LDY #\$20 0E 02 0001  
 ., 157B 20 9F 2C JSR \$2C9F 0E 02 0001  
 ., 157E 8A TXA 0E 02 0001  
 ., 157F DO 26 BNE \$15A7 0E 02 0001  
 ., 1581 AD 34 21 LDA \$2134 0E 02 0001  
 ., 1584 C9 10 CMP #\$10 0E 02 0001  
 ., 1586 B0 1F BCS \$15A7 0E 02 0001  
 ., 1588 8D 36 21 STA \$2136 0E 02 0001  
 ., 158B 38 SEC 0E 02 0001  
 ., 158C A9 18 LDA #\$18 0E 02 0001  
 ., 158E ED 36 21 SBC \$2136 0E 02 0001  
 ., 1591 BD 36 21 STA \$2136 0E 02 0001  
 ., 1594 AD 35 21 LDA \$2135 0E 02 0001  
 ., 1597 C9 10 CMP #\$10 0E 02 0001  
 ., 1599 B0 0C BCS \$15A7 0E 02 0001  
 ., 159B 8D 37 21 STA \$2137 0E 02 0001  
 ., 159E 38 SEC 0E 02 0001  
 ., 159F A9 32 LDA #\$32 0E 02 0001  
 ., 15A1 ED 37 21 SBC \$2137 0E 02 0001  
 ., 15A4 8D 37 21 STA \$2137 0E 02 0001  
 ., 15A7 60 RTS 0E 02 0001  
 ., 15AB 20 BD 2A JSR \$2A8D 0E 02 0001  
 ., 15AB 90 0C BCC \$15B9 0E 02 0001  
 ., 15AD DO 0A BNE \$15B9 0E 02 0001  
 ., 15AF AD C7 OF LDA \$0FC7 0E 02 0001  
 ., 15B2 F0 05 BEQ \$15B9 0E 02 0001  
 ., 15B4 09 40 ORA #\$40 0E 02 0001  
 ., 15B6 8D C7 OF STA \$0FC7 0E 02 0001  
 ., 15B9 60 RTS

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# GoDot

.,163C 8D C4 OF STA \$0FC4  
 .,163F 60 RTS  
 .,1640 20 BD 2A JSR \$2ABD  
 .,1643 90 FA BCC \$163F  
 .,1645 C9 0C CMP #\$0C  
 .,1647 B0 F6 BCS \$163F  
 .,1649 C9 08 CMP #\$08  
 .,164B 90 F2 BCC \$163F  
 .,164D 8D C3 OF STA \$0FD3  
 .,1650 60 RTS  
 .,1651 20 5E 1C JSR \$1C5E  
 .,1654 A0 OF LDY #\$0F  
 .,1656 B9 DB OF LDA \$0FD8,Y  
 .,1659 99 B7 23 STA \$23B7,Y  
 .,165C 88 DEY  
 .,165D 10 F7 BPL \$1656  
 .,165F 60 RTS  
 .,1660 43 ??? AMI  
 .,1660 43 4F 4C 4F 52 D3 44 45 COLOR#DE  
 .,166B 46 43 4F 4C 4F 52 D3 54 FCOLOR#T  
 .,1670 45 58 54 43 4F 4C 4F 52 EXTCOLOR  
 .,1678 D3 4D 4F 55 53 45 43 4F VMOUSECO  
 .,1680 4C 4F 52 D3 4D 4F 55 53 LOR#MOUS  
 .,168B 45 58 D9 43 4C 49 DO 4D EX ICLITM  
 .,1690 4F 44 C5 54 49 43 4B D3 0D TICK#  
 .,1698 4C 4F 41 44 45 D2 53 41 LOADE\_SA  
 .,16A0 56 45 D2 4D 4F 44 55 4C VE\_MODUL  
 .,16A8 C5 50 41 54 54 45 52 CE TPATTER/  
 .,16B0 52 41 CD 50 4F 49 4E 54 RA\_FPOINT  
 .,16B8 45 D2 56 44 C3 4C 4F 41 E\_VD+LOA  
 .,16C0 44 46 52 4F CD 53 41 56 DFRO\_SAV  
 .,16C8 45 54 CF 50 46 4F D8 52 ETTPFD#R  
 .,16D0 45 55 43 4C 45 41 D2 00 EUCLERAL  
 .,16DB 0D 2B 98 2B 64 2B 53 2B M+P+T+S+  
 .,16E0 3D 2B 7E 2B 16 2B 34 2B =+n+V+4+  
 .,16E8 1D 2C 43 2C 69 2C 8F 2C J,C,~,F,  
 .,16F0 BE 2C 34 2D 72 2D F9 2D ",4--"  
 .,16F8 0A 2E 84 2D 96 2D 02 00 J.-->B0  
 .,1700 0D 50 00 50 01 00 00 00 OE MP#PA#ON  
 .,1708 0C OF 06 00 00 00 00 00 LOF#PA#ON  
 .,1710 28 19 00 06 09 0B 02 04 (Y#FIKBD  
 .,1718 08 0C 0E 0A 05 0F 03 07 HLNJE0CB  
 .,1720 0D 01 00 00 00 00 00 00 MA#PA#ON  
 .,1728 00 00 00 00 00 00 00 00 PA#PA#ON  
 .,1730 00 00 00 00 0D 4C 44 52 PA#MLDR  
 .,1738 2E 34 C2 49 54 C7 4F C4 .41ITI0-  
 .,1740 4F 54 20 20 20 0C 04 12 OT LDR  
 .,1748 2E 34 42 09 14 47 OF 44 .4BITGOD  
 .,1750 OF 14 00 20 20 00 0D 53 OT#AMS  
 .,1758 56 52 2E 34 C2 49 54 C7 VR.41ITI  
 .,1760 4F C4 4F 54 20 20 20 13 OT#OT S  
 .,1768 16 12 2E 34 42 09 14 47 VR.4BITG  
 .,1770 OF 44 OF 14 00 20 20 00 ODOT#O  
 .,1778 OD 4D 4F 44 2E C3 4C 49 MMOD#LI  
 .,1780 50 D7 4F 52 4B 53 20 20 PWORKS  
 .,1788 20 OD OF 04 2E 43 OC 09 MOD\_CLI  
 .,1790 10 57 OF 12 0B 13 00 20 PWORKS  
 .,1798 20 00 00 20 20 20 20 50  
 .,17A0 20 20 20 20 20 20 20 50  
 .,17AB 20 20 20 00 20 20 20 20

# Go Dot

., 189E 88 DEY  
., 189F D0 F6 BNE \$1897  
., 18A1 BD F7 2F LDA \$2FF7,X  
., 18A4 85 31 STA \$31  
., 18A6 E8 INX  
., 18A7 BD F7 2F LDA \$2FF7,X  
., 18AA AA TAX  
., 18AB A9 B0 LDA ##B0  
., 18AD A0 DA LDY ##CA  
., 18AF 20 9F 2C JSR \$2C9F  
., 18B2 BA TXA  
., 18B3 F0 OC BEQ \$18C1  
., 18B5 A9 18 LDA ##18  
., 18B7 8D AA 28 STA \$28AA  
., 18BA A9 60 LDA ##60  
., 18BC 8D AB 28 STA \$28AB  
., 18BF D0 0B BNE \$18CC  
., 18C1 A9 OC LDA ##OC  
., 18C3 8D A7 28 STA \$28A7  
., 18C6 A9 05 LDA ##05  
., 18CB 8D A9 02 STA \$02A9  
., 18CB BA TXA  
., 18CC 60 RTS  
., 18CD 00 BRK

# ldr. Koala

Autoren: W. Dettko / A. Kling

Kommentiert: 01.11.84

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0000 4C 39 C0 JMP $C039
0003 80 00 01 E0 C2 00 00 CB -@A 100
000B 4F 41 4C 41 20 20 20 20 0ALA
0013 20 20 20 20 20 20 31 00 01
001B 2E 30 33 31 33 2E 30 32 .0313.02
0023 2E 39 32 D7 2E DB 4C 49 .92U.KLI
002B 4E 47 2F C1 2E C4 45 54 NG/4.DET
0033 54 4B 45 4C 92 C1 A9 32 TKEL-A#2

0036 4C 92 C1 JMP $C192
0039 A9 32 LDA #$32
003B BD FB C1 STA $C1FB
003E 85 FF STA $FF
0040 A6 20 LDX #$20
0042 A4 21 LDY #$21
0044 B6 AE STX $AE
0046 B4 AF STY $AF
0048 AD 00 02 LDA $0200
004B C9 C1 CMP #$C1
004D DO 02 BNE $C051
004F A9 B1 LDA #$B1
0051 BD 00 02 STA $0200
0054 A6 A7 LDX $A7
0056 E0 10 CPX #$10
0058 F0 0A BEQ $C064
005A A9 2A LDA #$2A
005C 9D 00 02 STA $0200,X
005F E6 A7 INC $A7
0061 20 38 C2 JSR $C23B
0064 20 58 14 JSR $145B
0067 20 8C C1 JSR $C1BC Zeichen holen
006A DO CA BNE $C036 Fehler
006C 20 BC C1 JSR $C1BC Zeichen holen
006F DO C5 BNE $C036 Fehler
0071 20 F0 14 JSR $14E0
0074 A2 12 LDX #$12 BITMAP
0076 20 A1 C1 JSR $C1A1 drucken
0079 A2 40 LDA #$40
007B 85 A9 STA $A9 } $1F4,0
007D A9 1F LDA #$1F
007F 85 A9 STA $A9
0081 20 BC C1 JSR $C1BC Zeichen holen
0084 DO B0 BNE $C036 Fehler
0086 85 A3 STA $A3 ablegen
0088 20 AF C1 JSR $C1AF Strich
008B A0 00 LDY #$00
008D A2 04 LDX #$04
008F A9 00 LDA #$00
0091 06 A3 ASL $A3
0093 2A ROL
0094 06 A3 ASL $A3
0096 2A ROL
0097 91 AE STA ($AE),Y ablegen
0099 E6 AE INC $AE
009B DO 02 BNE $C09F
009D E6 AF INC $AF
009F CA DEX

```

. COA0 DO ED BNE \$COBF
 . COA2 A5 AB LDA \$AB } System dec.
 . COA4 DO 02 BNE \$COA8
 . COA6 C6 A9 DEC \$A9
 . COA8 C6 AB DEC \$AB
 . COAA A5 AB LDA \$AB
 . COAC 05 A9 ORA \$A9 schon Schluss?
 . COAE F0 04 BEQ \$COB4 ja
 . COB0 A5 90 LDA \$90 Fehler?
 . COB2 F0 CD BEQ \$C081 nein
 . COB4 A9 DO LDA #\$DO
 . COB6 85 AB STA \$AB } 507 DO Bytes
 . COB8 A9 07 LDA #\$07
 . COBA 85 A9 STA \$A9
 . COBC A9 00 LDA #\$00
 . COBE 85 AE STA \$AE } nach \$C600
 . COC0 A9 D6 LDA #\$C6
 . COC2 85 AF STA \$AF
 . COC4 A9 OD LDA #\$OD
 . COC6 BD FB C1 STA \$C1FB
 . COC9 85 FF STA \$FF
 . COCB A2 00 LDX #\$00
 . COCD 20 A1 C1 JSR \$C1A1 colors
 . COD0 20 BC C1 JSR \$C1BC uebergeben
 . COD3 DO AF BNE \$C084
 . COD5 91 AE STA (\$AE), Y
 . COD7 20 AF C1 JSR \$C1AF
 . CODA A0 00 LDY #\$00
 . CODE E6 AE INC \$AE
 . CODE DO 02 BNE \$COE2
 . COEO E6 AF INC \$AF
 . COE2 A5 AB LDA \$AB
 . COE4 DO 02 BNE \$COEB
 . COE6 C6 A9 DEC \$A9
 . COE8 C6 AB DEC \$AB
 . COEA A5 AB LDA \$AB
 . COEC 05 A9 DRA \$A9
 . COEE F0 04 BEQ \$C0F4 ja
 . COFO A5 90 LDA \$90 Fehler
 . COF2 F0 DC BEQ \$C0D0 nein
 . COF4 A0 00 LDY #\$00
 . COF6 20 CF FF JSR \$FFFCF Zeichen holen
 . COF9 91 AE STA (\$AE), Y ablegen
 . COFB 20 5B 14 JSR \$145B
 . COFE A9 00 LDA #\$00
 . C100 85 45 STA \$45 } \$C600
 . C102 A9 C6 LDA #\$C6
 . C104 85 46 STA \$46
 . C106 A9 E8 LDA #\$E8
 . C108 85 47 STA \$47 } \$E8C9
 . C10A A9 C9 LDA #\$C9
 . C10C 85 48 STA \$48
 . C10E A9 00 LDA #\$00
 . C110 85 AE STA \$AE } \$4000
 . C112 A9 40 LDA #\$40
 . C114 85 AF STA \$AF
 . C116 A9 E8 LDA #\$E8
 . C118 85 AB STA \$AB } \$803E8
 . C11A A9 03 LDA #\$03
 . C11C 85 A9 STA \$A9
 . C11E A9 DB LDA #\$0B

# Cdr. Koala

.C120 8D FB C1 STA \$C1FB  
 .C123 85 FF STA \$FF  
 .C125 A2 09 LDX #\$09 CONVERT  
 .C127 20 A1 C1 JSR \$C1A1 drucken  
 .C12A B1 45 LDA (\$45),Y  
 .C12C 48 PHA  
 .C12D 4A LSR  
 .C12E 4A LSR  
 .C12F 4A LSR  
 .C130 4A LSR  
 .C131 8D D1 CD STA \$CDD1  
 .C134 68 PLA  
 .C135 29 OF AND #\$0F  
 .C137 8D D2 CD STA \$CDD2  
 .C13A B1 47 LDA (\$47),Y  
 .C13C 29 OF AND #\$0F  
 .C13E 8D D3 CD STA \$CDD3  
 .C141 A9 20 LDA #\$20  
 .C143 85 A3 STA \$A3  
 .C145 20 AF C1 JSR \$C1AE  
 .C148 A0 00 LDY #\$00  
 .C14A B1 AE LDA (\$AE),Y  
 .C14C AA TAX  
 .C14D BD DO CD LDA \$CDD0,X  
 .C150 AA TAX  
 .C151 8D E3 C1 LDA \$C1E3,X  
 .C154 91 AE STA (\$AE),Y  
 .C156 E6 AE INC \$AE  
 .C158 D0 02 BNE \$C15C  
 .C15A E6 AF INC \$AF  
 .C15C C6 A3 DEC \$A3  
 .C15E D0 E5 BNE \$C145  
 .C160 E6 45 INC \$45  
 .C162 D0 02 BNE \$C166  
 .C164 E6 46 INC \$46  
 .C166 E6 47 INC \$47  
 .C168 D0 02 BNE \$C16C  
 .C16A E6 48 INC \$48  
 .C16C A5 A8 LDA \$A8  
 .C16E D0 02 BNE \$C172  
 .C170 C6 A9 DEC \$A9  
 .C172 C6 A8 DEC \$A8  
 .C174 A5 A8 LDA \$A8  
 .C176 05 A9 ORA \$A9  
 .C17B DO BO BNE \$C12A  
 C17A A2 12 LDX #\$12  
 C17C 20 A1 C1 JSR \$C1A1 von 105  
 C17F 20 5E 14 JSR \$145E von 105  
 C182 20 5A C2 JSR \$C25A  
 C185 A9 03 LDA #\$03  
 C187 8D 15 D0 STA \$D015  
 C18A 38 SEC  
 C18B 60 RTS von 106  
 C18C 20 CF FF JSR \$FFCF Zeichen holen  
 C18F A6 90 LDX #90 Status holen  
 C191 60 RTS  
 C192 20 5B 14 JSR \$145B von 105  
 C195 20 7F C1 JSR \$C17F  
 C198 18 CLC  
 C199 60 RTS  
 19A A2 17 LDX #\$17 von 105  
 19C A0 C2 LDY #\$C2

.C19E 4C 64 14 IMP \$1464 ausgeben von 106  
 .C1A1 A0 00 LDY #\$00  
 .C1A3 BD FC C1 LDA \$C1FC,X  
 .C1A6 F0 28 BEQ \$C1D0  
 .C1AB 99 17 C2 STA \$C217,Y  
 .C1AB E8 INX  
 .C1AC CB INY  
 .C1AD D0 F4 BNE \$C1A3 strich!  
 .C1AF C6 FF DEC \$FF  
 .C1B1 D0 1C BNE \$C1CF  
 .C1B3 AD FB C1 LDA \$C1FB  
 .C1B4 B5 FF STA \$FF  
 .C1B8 A4 B3 LDY \$B3  
 .C1BA A6 B2 LDX \$B2  
 .C1BC BD F3 C1 LDA \$C1F3,X  
 .C1BF 99 22 C2 STA \$C222,Y ausgeben  
 .C1C2 20 9A C1 JSR \$C19A  
 .C1C5 C6 B2 DEC \$B2  
 .C1C7 10 06 BPL \$C1CF  
 .C1C9 E6 B3 INC \$B3  
 .C1CB A9 07 LDA #\$07  
 .C1CD 85 B2 STA \$B2  
 .C1CF 60 RTS  
 .C1D0 A2 14 LDX #\$14  
 .C1D2 A9 20 LDA #\$20  
 .C1D4 9D 22 C2 STA \$C222,X  
 .C1D7 CA DEX  
 .C1DB 10 FA BPL \$C1D4  
 .C1DA A0 00 LDY #\$00  
 .C1DC A2 07 LDX #\$07  
 .C1DE 84 B3 STY \$B3  
 .C1EO 86 B2 STX \$B2  
 .C1E2 60 RTS  
 .C1E3 00 FF 44 CC 55 AA 11 DD @nDLU @I von 105  
 .C1EB 66 22 99 33 77 EE 88 BB @nI30n I  
 .C1F3 A0 5D 67 7F 7E 7C 69 6D JI @nI30n X  
 .C1FB 32 20 43 0F OC OF 12 13 2 COLORS  
 .C203 20 00 20 43 0F OE 16 05 @ CONVE  
 .C20B 12 14 00 20 42 09 14 0D RT@ BITM  
 .C213 01 10 20 00 20 42 09 14 AP @ BIT  
 .C21B 0D 01 10 20 20 20 20 20 MAP  
 .C223 20 20 20 20 20 20 20 20  
 .C22B 20 20 20 20 20 20 20 20  
 .C233 20 20 20 20 00 A2 00 BD @nB  
 .C238 A2 00 LDX #\$00 von 106  
 .C23A BD DC 03 LDA \$03DC,X  
 .C23D F0 0B BEQ \$C247  
 .C23F 9D 9A C2 STA \$C29A,X  
 .C242 EB INX  
 .C243 E0 10 CPX #\$10  
 .C245 90 F3 BCC \$C23A  
 .C247 60 RTS  
 .C248 A2 04 LDX #\$04  
 .C24A 2C A2 09 BIT \$09A2  
 .C24D A0 04 LDY #\$04  
 .C24F BD D6 C2 LDA \$C2D6,X  
 .C252 99 BB C2 STA \$C2BB,Y  
 .C255 CA DEX

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,C256 88 DEY  
,C257 10 F6 BPL \$C24F  
,C259 60 RTS  
—vouc 182—  
,C25A 20 48 C2 JSR \$C248  
,C25D 20 69 C2 JSR \$C269  
,C260 20 71 C2 JSR \$C271  
,C263 20 79 C2 JSR \$C279  
,C266 4C 81 C2 JMP \$C281  
,C269 A9 00 LDA #\$00  
,C26B A2 AB LDX #\$AB  
,C26D A0 1F LDY #\$1F  
,C26F D0 14 BNE \$C287  
,C271 A9 11 LDA #\$11  
,C273 A2 BE LDX #\$BE  
,C275 A0 1F LDY #\$1F  
,C277 D0 0E BNE \$C287  
,C279 A9 19 LDA #\$19  
,C27B A2 CA LDX #\$CA  
,C27D A0 1F LDY #\$1F  
,C27F D0 06 BNE \$C287  
,C281 A9 21 LDA #\$21  
,C283 A2 D6 LDX #\$D6  
,C285 A0 1F LDY #\$1F  
,C287 86 AE STX \$AE  
,C289 84 AF STY \$AF  
,C28B AA TAX  
,C28C A0 00 LDY #\$00  
,C28E BD 9A C2 LDA \$C29A,X  
,C291 F0 06 BEQ \$C299  
,C293 91 AE STA (\$AE),Y  
,C295 E8 INX  
,C296 C8 INY  
,C297 D0 F5 BNE \$C2BE  
,C299 60 RTS

:C29A 20 20 20 20 20 20 20 20 20  
:C2A2 20 20 20 20 20 20 20 20 20  
:C2AA 00 4B 0F 01 0C 01 20 20 @KOALA  
:C2B2 00 31 36 30 1B 32 30 30 @160X200  
:C2BA 00 43 0F 0C 0F 12 00 54 @COLOR@T  
:C2C2 05 1B 14 20 20 20 48 09 EXT HI  
:C2CA 12 05 13 20 20 31 36 30 RES 160  
:C2 1B 32 30 30 43 0F 0C 0F X200COLOR  
:C2DA 12 47 12 05 19 20 00 00 RGREY @@

Autor: A. Detke

# SYS Doodle

Kommentiert: 01.11.94

Assembly code listing:

.C000 4C 36 C0 JMP \$C036	.C083 20 C7 C3 JSR \$C3C7
.C003 40 RTI	.C086 D0 03 BNE \$C08B
.C004 00 BRK	.C088 20 63 C4 JSR \$C463
.C005 01 46 ORA (\$46,X)	.C08B 6B PLA
.C007 C5 00 CMP \$00	.C08C 85 AD STA \$AD
.C009 00 BRK	.C08E A9 03 LDA #\$03
.C00A C4 4F CPY \$4F	.C090 8D 15 D0 STA \$D015
.C00C 4F ???	.C093 38 SEC
.C00D 44 ???	.C094 60 RTS
.C00E 4C 45 20 JMP \$2045	.C095 A4 24 LDY \$24
.C011 C8 INY	.C097 88 DEY
.C012 49 52 EOR #\$52	.C098 B9 00 02 LDA \$0200,Y
.C014 45 53 EOR \$53	.C09B 99 D8 0F STA \$0FD8,Y
.C016 20 20 20 JSR \$2020	.C09E 88 DEY
.C019 20 31 2E JSR \$2E31	.C09F 10 F7 BPL \$C09B
.C01C 30 30 BMI \$C04E	.C0A1 20 5E 1C JSR \$1C5E
.C01E 31 38 AND (\$38),Y	.C0A4 85 A6 STA \$A6
.C020 2E 31 31 ROL \$3131	.C0A6 20 67 14 JSR \$1467
.C023 2E 39 32 ROL \$3239	.C0A9 86 A6 STX \$A6
.C026 C1 2E CMP (\$2E,X)	.COAB 20 90 10 JSR \$1090
.C02B C4 45 CPY \$45	.COAE A4 FE LDY \$FE
.C02A 54 ???	.COBO B1 20 LDA (\$20),Y
.C029 54 ???	.DOB2 49 80 EOR #\$80
.C02D 4B ???	.DOB4 91 20 STA (\$20),Y
.C02F 45 20 EOR \$20	.DOB6 60 RTS
.C032 20 20 20 JSR \$2020	.DOB7 C6 1C DEC \$1C
.C036 20 A6 AA LDX \$AA	.DOB9 20 89 12 JSR \$1289
.C038 CA DEX	.COBC A5 B0 LDA \$B0
.C039 D0 03 BNE \$C03E	.COBE C5 22 CMP \$22
.C03B 4C D8 C0 JMP \$C0DE	.C0C0 D0 13 BNE \$C0DE
.C03E A9 00 LDA #\$00	.C0C2 38 SEC
.C040 8D 15 D0 STA \$D015	.C0C3 A5 B1 LDA \$B1
.C043 A5 AD LDA \$AD	.C0C5 E5 23 SBC \$23
.C045 48 PHA	.C0C7 C5 1C CMP \$1C
.C046 AD B9 OF LDA \$0FB9	.C0C9 90 08 BCC \$C0D3
.C049 F0 40 BEQ \$C08E	.C0CB A4 1C LDY \$1C
.C04B 18 CLC	.C0CD C4 24 CPY \$24
.C04C 69 02 ADC #\$02	.C0CF 90 01 BCC \$C0D2
.C04E C9 10 CMP #\$10	.C0D1 88 DEY
.C050 90 02 BCC \$C054	.C0D2 98 TYA
.C051 A9 OF LDA #\$0F	.C0D3 85 FE STA \$FE
.C054 8D 52 C3 STA \$C352	.C0D5 E6 1C INC \$1C
.C057 A9 01 LDA #\$01	.C0D7 60 RTS
.C059 85 3E STA \$3E	.C0DB AD B9 OF LDA \$0FB9
.C05B A9 07 LDA #\$07	.C0DD A4 24 LDY \$24
.C05D 8D 22 C4 STA \$C422	.C0DE 20 02 11 JSR \$1102
.C060 20 8D C4 JSR \$C480	.C0E2 A9 00 LDA #\$00
.C063 20 65 C3 JSR \$C365	.C0E4 85 FE STA \$FE
.C066 D0 13 BNE \$C07B	.C0E6 85 1C STA \$1C
.C068 20 53 C4 JSR \$C453	.C0EB A4 24 LDY \$24
.C06B A2 0C LDX #\$0C	.C0EA 99 D8 OF STA \$0FD8,Y
.C06D 20 C9 FF JSR \$FFC9	.C0ED 88 DEY
.C070 20 F0 14 JSR \$14F0	.C0EE B1 20 LDA (\$20),Y
.C073 A2 08 LDX #\$08	.C0F0 A6 1C LDX \$1C
.C075 20 DB C3 JSR \$C3DB	.C0F2 D0 0A BNE \$C0FE
.C078 20 E5 C4 JSR \$C4E5	.C0F4 C9 20 CMP #\$20
.C07B 20 CC FF JSR \$FFDC	.C0F6 F0 06 BEQ \$C0FE
.C07E A9 0C LDA #\$0C	.C0F8 84 1C STY \$1C
.C080 20 C3 FF JSR \$FFC3	.C0FA E6 1C INC \$1C
	.C0FC E6 1C INC \$1C

Ausgabe erät setzen

Speicher aus

CLOSE

# Svr Doodle

```

.C0FE 99 00 02 STA $0200,Y
.C101 99 14 C3 STA $C314,Y
.C104 88 DEY
.C105 10 E7 BPL $C0EE
.C107 A4 1C LDY $1C
.C109 D0 03 BNE $C10E
.C10B C8 INY
.C10C B4 1C STY $1C
.C10E 20 FD 15 JSR $15FD
.C111 20 B7 C0 JSR $C0B7
.C114 A2 00 LDX #$00
.C116 8E 77 02 STX $0277
.C119 20 95 C0 JSR $C095
.C11C AD 77 02 LDA $0277
.C11F F0 FB BEQ $C11C
.C121 A2 09 LDX #$09
.C123 DD 3C C3 CMP $C33C,X
.C126 F0 2B BEQ $C153
.C128 CA DEX
.C129 10 F8 BPL $C123
.C12B AC 3B 03 LDY $033B
.C12E F0 09 BEQ $C139
.C130 D1 AB CMP ($AB),Y
.C132 F0 1F BEQ $C153
.C134 88 DEY
.C135 10 F9 BPL $C130
.C137 30 DB BMI $C114
.C139 C9 20 CMP #$20
.C13B 90 D7 BCC $C114
.C13D C9 DB CMP #$DB
.C13F B0 D3 BCS $C114
.C141 A2 05 LDX #$05
.C143 DD 46 C3 CMP $C346,X
.C146 F0 0B BEQ $C153
.C148 CA DEX
.C149 10 FB BPL $C143
.C14B C9 5B CMP #$5B
.C14D 90 04 BCC $C153
.C14F C9 C1 CMP #$C1
.C151 90 C1 BCC $C114
.C153 C9 93 CMP #$93
.C155 F0 2D BEQ $C184
.C157 C9 13 CMP #$13
.C159 F0 2C BEQ $C187
.C15B C9 94 CMP #$94
.C15D F0 2B BEQ $C18A
.C15F C9 14 CMP #$14
.C161 F0 2A BEQ $C18D
.C163 C9 03 CMP #$03
.C165 F0 3B BEQ $C19F
.C167 C9 0D CMP #$0D
.C169 F0 37 BEQ $C1A2
.C16B C9 BD CMP #$BD
.C16D F0 21 BEQ $C190
.C16F C9 1D CMP #$1D
.C171 F0 20 BEQ $C193
.C173 C9 9D CMP #$9D
.C175 F0 1F BEQ $C196
.C177 C9 A0 CMP #$A0
.C179 F0 1E BEQ $C199
.C17B C9 40 CMP #$40
.C17D D0 02 BNE $C181
.C17F A9 BA LDA #$BA
.C181 4C 55 C2 JMP $C255
.C184 4C 9E C2 JMP $C29E
.C187 4C 9B C2 JMP $C298
.C18A 4C DD C2 JMP $C2DD
.C18D 4C EB C2 JMP $C2E8
.C190 4C C7 C2 JMP $C2C7
.C193 4C BB C2 JMP $C2B8
.C196 4C AF C2 JMP $C2AF
.C199 20 B7 C0 JSR $C0B7
.C19C 4C 14 C1 JMP $C114
.C19F 4C 35 C2 JMP $C235
.C1A2 A4 24 LDY $24
.C1A4 20 02 11 JSR $1102
.C1A7 A4 1C LDY $1C
.C1A9 C4 24 CPY $24
.C1AB D0 04 BNE $C1B1
.C1AD E6 1C INC $1C
.C1AF D0 F6 BNE $C1A7
.C1B1 88 DEY
.C1B2 88 DEY
.C1B3 30 EA BMI $C19F
.C1B5 98 TYA
.C1B6 AA TAX
.C1B7 B9 00 02 LDA $0200,Y
.C1BA 99 D8 OF STA $0FD8,Y
.C1BD 88 DEY
.C1BE 10 F7 BPL $C1B7
.C1C0 BD D8 OF LDA $0FD8,X
.C1C3 C9 20 CMP #$20
.C1C5 D0 05 BNE $C1CC
.C1C7 C6 1C DEC $1C
.C1C9 CA DEX
.C1CA D0 F4 BNE $C1C0
.C1CC 20 5E 1C JSR $1C5E
.C1CF A4 FD LDY $FD
.C1D1 A6 22 LDX $22
.C1D3 E0 14 CPX #$14
.C1D5 D0 38 BNE $C20F
.C1D7 AE A9 OF LDX $0EA9
.C1DA F0 25 BEQ $C201
.C1DC A2 OB LDX #$0B
.C1DE A0 OF LDY #$0F
.C1E0 BD 00 02 LDA $0200,X
.C1E3 99 00 02 STA $0200,Y
.C1E6 88 DEY
.C1E7 CA DEX
.C1E8 10 F6 BPL $C1E0
.C1EA EB INX
.C1EB BD 3C 07 LDA $073C,X
.C1EE 9D 00 02 STA $0200,X
.C1F1 E0 03 CPX #$03
.C1F3 D0 F5 BNE $C1EA
.C1F5 18 CLC
.C1F6 A4 1C LDY $1C
.C1F8 88 DEY
.C1F9 BC BA OF STY $0FB8
.C1FC 98 TYA
.C1FD 69 05 ADC #$05
.C1FF 85 1C STA $1C
.C201 A0 OF LDY #$0F

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# svr. Doodle

,C203 B9 DB OF LDA \$0FDB,Y	,C280 DO 2A	BNE \$C2AC
,C206 99 DC 03 STA \$03DE,Y	,C282 A6 FE	LDX \$FE
,C209 88 DEY	,C284 9D 00 02 STA \$0200,X	INX
,C20A 10 F7 BPL \$C203	,C287 EB	CPX \$24
,C20D A4 1C LDY \$1C	,C288 E4 24	BEQ \$C2AC
,C20E 88 DEY	,C28A F0 20	STX \$FE
,C20F 8C B9 OF STY \$0FB9	,C28C 86 FE	LDX \$1C
,C212 18 CLC	,C28E A6 1C	CPX \$FE
,C213 A9 08 LDA #\$0B	,C290 E4 FE	BNE \$C2AC
,C215 65 7A ADC \$7A	,C292 D0 18	INC \$1C
,C217 8D 02 DO STA \$D002	,C294 E6 1C	BNE \$C2AC
,C21A 8D 00 DO STA \$D000	,C296 D0 14	LDX #\$00
,C21D 18 CLC	,C298 A2 00	STX \$FE
,C21E A9 72 LDA #\$72	,C29A 86 FE	BEQ \$C2AC
,C220 65 7B ADC \$7B	,C29C F0 0E	LDX \$1C
,C222 8D 03 DO STA \$D003	,C29E A6 1C	DEX
,C225 A8 TAY	,C2A0 CA	CPX \$24
,C226 88 DEY	,C2A1 E4 24	BEQ \$C2A9
,C227 88 DEY	,C2A3 F0 04	CPX #\$01
,C228 BC 01 DO STY \$D001	,C2A5 E0 01	BNE \$C2AA
,C22B A0 03 LDY #\$03	,C2A7 D0 01	DEX
,C22D BC 10 DO STY \$D010	,C2A9 CA	STX \$FE
,C230 20 67 14 JSR \$1467	,C2AA 86 FE	JMP \$C114
,C233 18 CLC	,C2AC 4C 14	C1
,C2 60 RTS	,C2AF A6 FE	LDX \$FE
,C235 A4 24 LDY \$24	,C2B1 CA	DEX
,C237 20 02 11 JSR \$1102	,C2B2 30 FB	BMI \$C2AC
,C23A A4 FD LDY \$FD	,C2B4 86 FE	STX \$FE
,C23C F0 0D BEQ \$C24B	,C2B6 10 F4	BPL \$C2AC
,C23E 88 DEY	,C2B8 A6 FE	LDX \$FE
,C23F B9 14 C3 LDA \$C314,Y	,C2BA EB	INX
,C242 99 DB OF STA \$0FDB,Y	,C2BB E4 1C	CPX \$1C
,C245 99 00 02 STA \$0200,Y	,C2BD BO ED	BCS \$C2AC
,C248 88 DEY	,C2BF E4 24	CPX \$24
,C249 10 F4 BPL \$C23F	,C2C1 F0 E9	BEQ \$C2AC
,C24B 20 FD 15 JSR \$15FD	,C2C3 86 FE	STX \$FE
,C24E A4 FD LDY \$FD	,C2C5 90 E5	BCC \$C2AC
,C250 BC B9 OF STY \$0FB9	,C2C7 A4 1C	LDY \$1C
,C253 90 DB BCC \$C230	,C2C9 88	DEY
,C255 AE 13 C3 LDX \$C313	,C2CA 88	DEY
,C258 DO 28 BNE \$C282	,C2CB 30 DF	BMI \$C2AC
,C25A 48 PHA	,C2CD A9 20	LDA #\$20
,C25B A6 24 LDX \$24	,C2CF 99 00 02 STA \$0200,Y	DEY
,C2 44 A4 24 LDY \$24	,C2D2 88	EPL \$C2CF
,C25F 88 DEY	,C2D3 10 FA	INY
,C260 B9 FF 01 LDA \$01FF,Y	,C2D5 C8	STY \$FE
,C263 9D FF 01 STA \$01FF,X	,C2D6 B4 FE	INY
,C266 CA DEX	,C2D8 C8	STY \$1CFS
,C267 88 DEY	,C2D9 B4 1C	BNE \$C2AC
,C268 E4 FE CPX \$FE	,C2DB D0 CF	C3 LDA \$C313
,C26A DO F4 BNE \$C260	,C2DD AD 13	C3 STA \$C313
,C26C 68 PLA	,C2EO 49 01	EOR #\$01
,C26D 9D 00 02 STA \$0200,X	,C2E2 BD 13	TAX
,C270 E8 INX	,C2E5 4C 14	C1 JMP \$C114
,C271 E4 24 CPX \$24	,C2EB A5 FE	LDA \$FE
,C273 F0 37 BEQ \$C2AC	,C2EA AA	TAY
,C275 B6 FE STX \$FE	,C2EB AB	INX
,C277 A6 1C LDX \$1C	,C2EC EB	CPX \$24
,C279 CA DEX	,C2ED E4 24	BEQ \$C304
,C27A E4 24 CPX \$24	,C2EF F0 13	CPX \$1C
,C27C F0 2E BEQ \$C2AC	,C2F1 E4 1C	
,C27E E6 1C INC \$1C		

# SVT Dosdle

.. C2F3 F0 B7 BEQ \$C2AC  
 .. C2F5 CA DEX  
 .. C2F6 CB INY  
 .. C2F7 B9 00 02 LDA \$0200, Y  
 .. C2FA 9D 00 02 STA \$0200, X  
 .. C2FD EB INX  
 .. C2FE CB INY  
 .. C2FF C4 24 CPY #24  
 .. C301 D0 F4 BNE \$C2F7  
 .. C303 88 DEY  
 .. C304 A9 20 LDA ##20  
 .. C306 99 00 02 STA \$0200, Y  
 .. C309 A5 1C LDA \$1C  
 .. C30B C9 02 CMP ##02  
 .. C30D F0 9D BEQ \$C2AC  
 .. C30F C6 1C DEC \$1C  
 .. C311 10 99 BPL \$C2AC  
 .. C313 00 BRK  
 .. C314 20 20 20 JSR \$2020  
 .. C317 20 20 20 JSR \$2020  
 .. C31A 20 20 20 JSR \$2020  
 .. C31D 20 20 20 JSR \$2020  
 .. C320 20 20 20 JSR \$2020  
 .. C323 20 20 20 JSR \$2020  
 .. C326 20 20 20 JSR \$2020  
 .. C329 20 20 20 JSR \$2020  
 .. C32C 20 20 20 JSR \$2020  
 .. C32F 20 20 20 JSR \$2020  
 .. C332 20 20 20 JSR \$2020  
 .. C335 20 20 20 JSR \$2020  
 .. C338 20 20 20 JSR \$2020  
 .. C33B 20 93 94 JSR \$9493  
 .. C33E 9D 1D BD STA \$BD1D, X  
 .. C341 03 ???  
 .. C342 0D 14 13 ORA \$1314  
 .. C345 A0 5D LDY ##5D  
 .. C347 5B ???  
 .. C348 B0 B9 BCS \$C303  
 .. C34A BA TSX  
 .. C34B 5C ???  
 .. C34C 57 ???  
 .. C34D 2C 50 2C BIT \$2C50  
 .. C350 49 30 EOR \$#30  
 .. C352 00 BRK  
 .. C353 44 ???  
 .. C354 44 ???  
 .. C355 20 20 20 JSR \$2020  
 .. C358 20 20 20 JSR \$2020  
 .. C35B 20 20 20 JSR \$2020  
 .. C35E 20 20 20 JSR \$2020  
 .. C361 20 20 20 JSR \$2020  
 .. C363 A0 02 LDY #102  
 .. C367 B9 FE 01 LDA \$01FE, Y  
 .. C36A 99 53 C3 STA \$C353, Y  
 .. C36D CB INY  
 .. C36E CC 52 C3 CPY \$C352  
 .. C371 D0 F4 BNE \$C367  
 .. C373 C0 10 CPY ##10  
 .. C375 B0 0A BCS \$C3B1  
 .. C377 A9 20 LDA ##20  
 .. C379 99 53 C3 STA \$C353, Y  
 .. C37C DB INY  
 .. C37D C0 10 CPY ##10  
 .. C37F D0 F8 BNE \$C379  
 .. C381 AC 52 C3 LDY \$C352  
 .. C384 88 DEY  
 .. C385 B9 53 C3 LDA \$C353, Y Präfix "D0"  
 .. C388 99 00 02 STA \$0200, Y kopieren  
 .. C38B 88 DEY  
 .. C38C 10 F7 BPL \$C385  
 .. C38E 20 BE C3 JSR \$C3BE  
 .. C391 D0 3C BNE \$C3CF  
 .. C393 AC 52 C3 LDY \$C352  
 .. C396 A2 03 LDX ##03  
 .. C398 BD 4C C3 LDA \$C34C, X "P,W"  
 .. C39B 99 00 02 STA \$0200, Y an Filenamen  
 .. C39E C8 INY  
 .. C39F CA DEX  
 .. C3A0 10 F6 BPL \$C398  
 .. C3A2 8C 52 C3 STY \$C352  
 .. C3A5 A9 0C LDA ##0C Nr. 12  
 .. C3A7 A8 TAY  
 .. C3AB AE A8 0F LDX \$0FAB Floppy-Nr.  
 .. C3AB 20 BA FF JSR \$FFBA FILPAR  
 .. C3AE AD 52 C3 LDA \$C352 Länge  
 .. C3B1 A2 00 LDX ##00  
 .. C3B3 A0 02 LDY ##02  
 .. C3B5 20 BD FF JSR \$FFBD FILNAM  
 .. C3B8 20 C0 FF JSR \$FFC0 OPEN  
 .. C3BB 4C C7 C3 JMP \$C3C7  
 .. C3BE A2 50 LDX ##50  
 .. C3C0 A0 C3 LDY ##03 "10"  
 .. C3C2 A9 02 LDA ##02  
 .. C3C4 20 88 14 JSR \$1488 Diskbefehl(?)  
 .. C3C7 20 5E 14 JSR \$145E  
 .. C3CA AD B5 0F LDA \$0FB5  
 .. C3CD 29 0F AND ##0F  
 .. C3CF 38 SEC  
 .. C3D0 60 RTS  
 .. C3D1 A2 33 LDX ##33  
 .. C3D3 A0 C4 LDY ##C4  
 .. C3D5 4C 44 14 JME \$1444  
 .. C3D8 A0 00 LDY ##00  
 .. C3DA BD 23 C4 LDA \$C423, X Meldung unten  
 .. C3DD F0 28 BEQ \$C407 Meldung Ende  
 .. C3DF 99 33 C4 STA \$C433, Y Meldung oben  
 .. C3E2 EB INX  
 .. C3E3 CB INY  
 .. C3E4 D0 F4 BNE \$C3DA  
 .. C3E6 C6 3E DEC ##3E  
 .. C3E8 D0 1C BNE \$C406  
 .. C3EA AD 22 C4 LDA \$C422  
 .. C3ED 85 3E STA \$3E  
 .. C3EF A4 B3 LDY \$B3  
 .. C3F1 A6 B2 LDX \$B2  
 .. C3F3 BD 1A C4 LDA \$C41A, X  
 .. C3F6 99 3D C4 STA \$C43D, Y  
 .. C3F9 20 D1 C3 JSR \$C3D1  
 .. C3FC C6 B2 DEC ##B2  
 .. C3FE 10 06 BPL \$C406  
 .. C400 E6 B3 INC ##B3  
 .. C402 A9 07 LDA ##07  
 .. C404 85 B2 STA \$B2

von C506  
 Strich

# src. Doodle

,C406 60 RTS ←  
 ,C407 A2 14 LDX #\$14  
 ,C409 A9 20 LDA #\$20  
 ,C40B 9D 3D C4 STA \$C43D,X  
 ,C40E CA 11 DEX ←  
 ,C40F 10 FA BPL \$C40B  
 ,C411 A0 00 LDY #\$00  
 ,C413 A2 07 LDX #\$07  
 ,C415 84 B3 STY \$B3,X  
 ,C417 86 B2 STX \$B2 ←  
 ,C419 60 RTS  
 ,C41A A0 5D LDY #\$5D  
 ,C41C 67 ???.  
 ,C41D 7F ???.  
 ,C41E 7E 7C 69 RDR \$697C,X  
 ,C421 6D 32 20 ADC \$2032  
 ,C424 42 ???.  
 ,C425 09 14 ORA #\$14  
 ,C427 0D 01 10 ORA \$1001  
 ,C42A 00 BRK ←  
 ,C42B 20 43 OF JSR \$0F43  
 ,C42E 0C ???.  
 ,C42F 0F ???.  
 ,C430 12 ???.  
 ,C431 13 ???.  
 ,C432 00 BRK ←  
 ,C433 20 20 20 JSR \$2020  
 ,C436 20 20 20 JSR \$2020  
 ,C439 20 20 20 JSR \$2020  
 ,C43C 20 20 20 JSR \$2020  
 ,C43F 20 20 20 JSR \$2020  
 ,C442 20 20 20 JSR \$2020  
 ,C445 20 20 20 JSR \$2020  
 ,C448 20 20 20 JSR \$2020  
 ,C44B 20 20 20 JSR \$2020  
 ,C44E 20 20 20 JSR \$2020  
 ,C451 20 00 JSR \$A200 ← von C068  
 ,C452 00 LDX #\$00 ← von C068  
 ,C455 BD DC 03 LDA \$03DC,X  
 ,C458 F0 08 BEQ \$C462  
 ,C45A 9D 7C C4 STA \$C47C,X  
 ,C45D EB INX ←  
 ,C45E E0 10 CPX #\$10  
 ,C46 90 F3 BCC \$C455 ←  
 ,C46 60 RTS ←  
 ,C463 A9 00 LDA #\$00 ←  
 ,C465 A2 A8 LDX #\$A8 ← \$1FA ←  
 ,C467 A0 1F LDY #\$1F ←  
 ,C469 B6 AE STX \$AE ←  
 ,C46B B4 AF STY \$AF ←  
 ,C46D AA TAX ←  
 ,C46E A0 00 LDY #\$00 ←  
 ,C470 BD 7C C4 LDA \$C47D,X ←  
 ,C473 F0 06 BEQ \$C47B ←  
 ,C475 91 AE STA (\$AE),Y ←  
 ,C477 EB INX ←  
 ,C478 C8 INY ←  
 ,C479 DO F5 BNE \$C47D ←  
 ,C47B 60 RTS ←  
 ,C47C 20 20 20 JSR \$2020 ←  
 ,C47F 20 20 20 JSR \$2020 ←  
 ,C482 20 20 20 JSR \$2020 ←  
 ,C485 20 20 20 JSR \$2020  
 ,C488 20 20 20 JSR \$2020  
 ,C48B 20 00 JSR \$A900  
 ,C48D A8 OB LDA #\$OB ←  
 ,C48F 85 AE STA \$AE ←  
 ,C491 A9 2F LDA #\$2F ←  
 ,C493 A2 CB LDX #\$CB ←  
 ,C495 A0 CE LDY #\$CE ←  
 ,C497 20 A8 C4 JSR \$C4AB ←  
 ,C498 A9 0B LDA #\$0B ←  
 ,C49C 85 AE STA \$AE ←  
 ,C49E A9 23 LDA #\$23 ←  
 ,C4A0 A2 CA LDX #\$CA ←  
 ,C4A2 A0 EE LDY #\$EE ←  
 ,C4A4 20 A8 C4 JSR \$C4AB ←  
 ,C4A7 60 RTS ←  
 ,C4AB 84 AF STY \$AF ←  
 ,C4AA 85 20 STA \$20 ←  
 ,C4AC B6 21 STX \$21 ←  
 ,C4AE A9 F4 LDA #\$F4 ←  
 ,C4B0 A2 01 LDX #\$01 ←  
 ,C4B2 85 AB STA \$AB ←  
 ,C4B4 86 A9 STX \$A9 ←  
 ,C4B6 78 SEI ←  
 ,C4B7 A9 30 LDA #\$30 ←  
 ,C4B9 85 01 STA \$01 ←  
 ,C4BB A0 00 LDY #\$00 ←  
 ,C4BD B1 AE LDA (\$AE),Y ←  
 ,C4BF 91 20 STA (\$20),Y ←  
 ,C4C1 20 CC C4 JSR \$C4CC ←  
 ,C4C4 D0 F7 BNE \$C4BD ←  
 ,C4C6 A9 36 LDA #\$36 ←  
 ,C4C8 85 01 STA \$01 ←  
 ,C4CA 58 CLI ←  
 ,C4CB 60 RTS ←  
 ,C4CC E6 20 INC \$20 ←  
 ,C4CE D0 02 BNE \$C4D2 ←  
 ,C4D0 E6 21 INC \$21 ← von C508  
 ,C4D2 E6 AE INC \$AE ← SAE/CAF ←  
 ,C4D4 D0 02 BNE \$C4DB ← C46 ←  
 ,C4D6 E6 AF INC \$AF ←  
 ,C4D8 A5 A8 LDA \$AB ←  
 ,C4DA D0 02 BNE \$C4DE ←  
 ,C4DC D6 A9↑ DEC \$A9 ←  
 ,C4DE C6 A8↑ DEC \$AB ←  
 ,C4E0 A5 A8 LDA \$AB ←  
 ,C4E2 05 A9 ORA \$A9 ←  
 ,C4E4 60 RTS ← von C078  
 ,C4E5 A9 00 LDA #\$00 ←  
 ,C4E7 20 D2 FF JSR \$FFFD2 ← \$5000 ← ausgeben  
 ,C4EA A9 5C LDA #\$5C ←  
 ,C4EC 20 D2 FF JSR \$FFFD2 ←  
 ,C4EF A9 00 LDA #\$00 ←  
 ,C4F1 A2 04 LDX #\$04 ←  
 ,C4F3 85 A8 STA \$AB ←  
 ,C4F5 B6 A9 STX \$A9 ←  
 ,C4F7 A9 2F LDA #\$2F ←  
 ,C4F9 A2 CB LDX #\$CB ←  
 ,C4FB 85 AE STA \$AE ←  
 ,C4FD B6 AF STX \$AF ←  
 ,C4FF A0 00 LDY #\$00 ←

# Svr. Doodle

(CDY = \$00)

,C501 B1 AE LDA (\$AE),Y Byte holen  
 ,C503 20 D2 FF JSR \$FFD2 speichern  
 ,C506 20 E6 C3 JSR \$C3E6 Strich verlangen  
 ,C509 20 D2 C4 JSR \$C4D2 weiterzählen  
 ,C50C DO F1 BNE \$C4FF noch nicht Schluß  
 ,C50E A2 00 LDX #\$00 BITMAP  
 ,C510 20 D8 C3 JSR \$C3D8 ausgeben  
 ,C513 A9 34 LDA #\$34  
 ,C515 BD 22 C4 STA \$C422  
 ,C518 A9 00 LDA #\$00 } \$2000 Bytes  
 ,C51A A2 20 LDX #\$20 } ab \$2000  
 ,C51C 85 A8 STA \$A8  
 ,C51E 86 A9 STX \$A9  
 ,C520 A9 00 LDA #\$00 }  
 ,C522 A2 20 LDX #\$20 } ab \$2000  
 ,C524 85 AE STA \$AE  
 ,C526 86 AF STX \$AF  
 ,C528 A0 00 LDY #\$00  
 ,C52A B1 AE LDA (\$AE),Y Byte ausgeben  
 ,C52C 20 D2 FF JSR \$FFD2 ausgeben  
 ,C52F 20 E6 C3 JSR \$C3E6 Strich zählen  
 ,C532 20 D2 C4 JSR \$C4D2 zählen  
 ,C535 DO F1 BNE \$C528  
 ,C537 A9 2F LDA #\$2F  
 ,C539 85 AE STA \$AE  
 ,C53B A9 0B LDA #\$0B  
 ,C53D A2 CE LDX #\$CE  
 ,C53F A0 C8 LDY #\$C8  
 ,C541 20 AB C4 JSR \$C4A8  
 ,C544 38 SEC  
 ,C545 60 RTS  
 ,C546 00 BRK

:C000 4C 36 C0 40 00 01 46 C5 L6-#QAF  
 :C008 00 00 C4 4F 4F 44 4C 45 00 DODDLE  
 :C010 20 C8 49 52 45 53 20 20 HIRES  
 :C018 20 20 31 2E 30 30 31 3B 11.0018  
 :C020 2E 31 31 2E 39 32 C1 2E 11.92A  
 :C028 C4 45 54 54 4B 45 20 20 JETTKE  
 :C030 20 20 20 20 A6 AA  
 :C038 CA D0 03 4C D8 C0 A9 00 TCOLP-TD  
 :C040 BD 15 DO A5 AD 48 AD B9 XUTI 4L  
 :C048 0F F0 40 18 69 02 C9 10 00X-BRP  
 :C050 90 02 A9 0F 8D 52 C3 A9 TBPDR-T  
 :C058 01 85 3E A9 07 8D 22 C4 ATXPGN-T  
 :C060 20 BD C4 20 65 C3 DO 13  
 :C068 20 53 C4 A2 0C 20 C9 FF ST-L  
 :C070 20 F0 14 A2 08 20 D8 C3 RT-H  
 :C078 20 E5 C4 20 CC FF A9 0C L-LTML  
 :C080 20 C3 FF 20 C7 C3 DO 03  
 :C088 20 63 C4 68 85 AD A9 03  
 :C090 BD 15 DO 38 60 A4 24 88 XUTB-\$1  
 :C098 B9 00 02 99 D8 0F 88 10 00B 140 IP  
 :COA0 F7 20 5E 1C 85 A6 20 67  
 :COAB 14 B6 A6 20 90 10 A4 FE T-MTP  
 :COBO B1 20 49 80 91 20 60 C6 + I-O  
 :COBB 1C 20 89 12 A5 B0 C5 22 E RI  
 :COCO DO 13 38 A5 B1 E5 23 C5 TSBI-4 #  
 :COCB 1C 90 08 A4 1C C4 24 90 ETHE-L  
 :CODO 01 88 98 85 FE E6 1C 60 A4 14-#E  
 :C0DS AD B9 0F 85 FD A4 24 20 50-#\*

} \$2000 Bytes

# Sun Doodle

:C2C8 1C 88 88 30 DF A9 20 99 £ 110 ▼ |  
 :C2D0 00 02 88 10 FA C8 84 FE 0B IP JT ▼  
 :C2D8 C8 84 1C D0 CF AD 13 C3 ▼ f T HS ▼  
 :C2E0 49 01 8D 13 C3 4C 14 C1 IA S LT ▲  
 :C2E8 A5 FE AA A8 E8 E4 24 F0 ! " b \_ \$ r  
 :C2F0 13 E4 1C F0 B7 CA C8 B9 S \_ f r ▼ ▲  
 :C2FB 00 02 9D 00 02 EB C8 C4 0B 10B \* IT  
 :C300 24 D0 F4 88 A9 20 99 00 \$ T I ▼ ▲  
 :C308 02 A5 1C C9 02 F0 9D C6 BI £ B r I ▼  
 :C310 1C 10 99 00 20 20 20 20 20 20 20 20 20  
 :C318 20 20 20 20 20 20 20 20 20 20 20 20  
 :C320 20 20 20 20 20 20 20 20 20 20 20 20  
 :C328 20 20 20 20 20 20 20 20 20 20 20 20  
 :C330 20 20 20 20 20 20 20 20 20 20 20 20  
 :C338 20 20 20 20 93 94 9D 1D ▼ I ▲  
 :C340 BD 03 OD 14 13 A0 5D 5B PCMTS JT  
 :C348 B0 B9 BA 5C 57 2C 50 2C r \_ EW, P,  
 :C350 49 30 00 44 44 20 20 20 20 20 20 20 20 20  
 :C358 20 20 20 20 20 20 20 20 20 20 20 20  
 :C360 20 20 20 20 20 A0 02 B9 B ▲  
 :C368 FE 01 99 53 C3 C8 CC 52 " A IS - ILR  
 :C370 C3 D0 F4 C0 10 B0 0A A9 - T - P r J F  
 :C378 20 99 53 C3 C8 C0 10 D0 IS - I - P T  
 :C380 F8 AC 52 C3 88 B9 53 C3 T R - LS ▼  
 :C39 99 00 02 88 10 F7 20 BE 10B IP ▼ ▲  
 :C396 C3 D0 3C AC 52 C3 A2 03 T K R - C  
 :C398 BD 4C C3 99 00 02 C8 CA T L - 10B I ▼  
 :C3A0 10 F6 8C 52 C3 A9 0C A8 P ILR - PL ▲  
 :C3A8 AE A8 0F 20 BA FF AD 52 r \_ O dtr 4R  
 :C3B0 C3 A2 00 A0 02 20 BD FF r \_ B r  
 :C3B8 20 C0 FF 4C C7 C3 A2 50 T L1 r \_ P  
 :C3C0 A0 C3 A9 02 20 88 14 20 T B IT  
 :C3C8 5E 14 AD B5 0F 29 0F 38 TT 4 0 08  
 :C3D0 60 A2 33 A0 C4 4C 64 14 T 3 T L T  
 :C3D8 A0 00 BD 23 C4 F0 28 99 04 # r ( 1  
 :C3E0 33 C4 E8 C8 D0 F4 C6 3E 3 - \* IT - >  
 :C3E8 D0 1C AD 22 C4 85 3E A4 T E L " - >  
 :C3F0 B3 A6 B2 BD 1A C4 99 3D H Z I =  
 :C3FB C4 20 D1 C3 C6 B2 10 06 T PPF  
 :C400 E6 B3 A9 07 85 B2 60 A2 H FG T ▲  
 :C408 14 A9 20 9D 3D C4 CA 10 T F I = P  
 :C410 FA A0 00 A2 07 B4 B3 B6 T 0 G - I  
 :C418 B2 60 A0 5D 67 7F 7E 7C T J 11 T I ▲  
 :C426 69 6D 32 20 42 09 14 0D ~ 2 BITM  
 :C426 01 10 00 20 43 0F 0C 0F AP 0 COLO  
 :C430 12 13 00 20 20 20 20 20 20 20 RS0  
 :C438 20 20 20 20 20 20 20 20 20 20  
 :C440 20 20 20 20 20 20 20 20 20 20  
 :C448 20 20 20 20 20 20 20 20 20 20  
 :C450 20 20 00 A2 00 BD DC 03 e - e - IC  
 :C458 F0 08 9D 7C C4 E8 E0 10 H I I \* P  
 :C460 90 F3 60 A9 00 A2 A8 A0 T H - P 0 \*  
 :C468 1F 86 AE B4 AF AA A0 00 e - e - I @  
 :C470 BD 7C C4 F0 06 91 AE E8 T F F 0 \*  
 :C478 C8 D0 F5 60 20 20 20 20 20 IT -  
 :C480 20 20 20 20 20 20 20 20 20 20  
 :C488 20 20 20 20 00 A9 0B 85 0PK ▼  
 :C490 AE A9 2F A2 C8 A0 CE 20 T / I /  
 :C498 A8 C4 A9 0B 85 AE A9 23 \*\* PK - T #  
 :C4A0 A2 CA A0 EE 20 AB C4 60 \*\* T \*\*  
 :C4AB B4 AF 85 20 86 21 A9 F4 T - - ! P  
 :C4B0 A2 01 B5 A8 86 A9 78 A9 AT \*\* P P