

18.
20.
21. 9. 95

MASTER COPY

SYS \$0E00

```

0915 0E 05 37 ASL 3705
0918 03 0C *SLD (0C,X)
091A 07 43 *SLD 43
091C 04 1B *SKP 1B
091E 05 76 ORA 76
0920 06 7B ASL 7B
0922 AD 0C 1C LDA 1C0C
0925 09 0E ORA #0E
0927 BD 0C 1C STA 1C0C
092A 4C 37 03 JMP 0337

```

```

092D A9 7A LDA #7A
092F BD 02 1B STA 1802
0932 AD 00 1C LDA 1C00
0935 09 0C ORA #0C
0937 BD 00 1C STA 1C00
093A A2 20 LDX #20
093C 9A TXS
093D A9 0F LDA #0F
093F BD 00 1B STA 1800
0942 20 6B 03 JSR 036B
0945 0A ASL
0946 BD 35 03 STA 0335
0949 6C 00 03 JMP (0300)

```

```

094C A9 21 LDA #21
094E B5 2C STA 2C
0950 A9 01 LDA #01
0952 B5 2D STA 2D
0954 4C 1B 03 JMP 031B

```

```

0957 A9 D0 LDA #D0
0959 BD 05 1B STA 1805
095C 3B SEC
095D 2C 05 1B BIT 1805
0960 10 0A BPL 096C
0962 2C 00 1C BIT 1C00
0965 30 F6 BMI 095D
0967 AD 01 1C LDA 1C01
096A BB CLV
096B 1B CLC
096C 60 RTS

```

```

096D AD 00 1C LDA 1C00
0970 4A LSR
0971 29 0B AND #0B
0973 20 2D 04 JSR 042D
0976 20 76 03 JSR 0376
0979 A9 07 LDA #07
097B A0 BC LDY #BC
097D 4C 76 03 JMP 0376

```

```

0980 A0 FF LDY #FF
0982 A9 01 LDA #01
0984 20 76 03 JSR 0376
0987 AD FF 01 LDA 01FF
098A 60 RTS

```

```

098B BD BB 03 STA 03BB

```

```

098E B6 55 STX 55
0990 A2 0F LDX #0F
0992 AD 00 1B LDA 1800
0995 10 FB BPL 0992
0997 A9 10 LDA #10
0999 BD 00 1B STA 1800
099C AD 00 1B LDA 1800
099F 30 FB BMI 099C
09A1 BE 00 1B STX 1800
09A4 C1 00 CMP (00,X)
09A6 EA NOP
09A7 A2 00 LDX #00
09A9 BE 00 1B STX 1800
09AC A6 00 LDX 00
09AE AE 00 1B LDX 1800
09B1 BD C6 03 LDA 03C6A,X
09B4 EA NOP
09B5 AE 00 1B LDX 1800
09B8 1D CB 03 ORA 03CBA,X
09BB AE 00 1B LDX 1800
09BE 1D CE 03 ORA 03CEA,X
09C1 EA NOP
09C2 AE 00 1B LDX 1800
09C5 1D D0 03 ORA 03D0A,X
09C8 EC 00 1B CPX 1800
09CB 99 00 02 STA 0200A,Y
09CE F0 00 BEQ 09D0
09D0 CB INY
09D1 D0 D9 BNE 09AC
09D3 A2 0F LDX #0F
09D5 BE 00 1B STX 1800
09D8 A6 55 LDX 55
09DA 60 RTS

```

```

09DB 00 BRK
09DC 20 00 B0 JSR 8000
09DF 10 30 BPL 0A11
09E1 40 RTI

```

```

09E2 C0 00 CPY #00
09E4 02 *CRA
09E5 00 BRK

```

```

09E6 0B PHP
09E7 01 03 ORA (03,X)

```

```

09E9 04 0C *SKP 0C
09EB 20 2B 04 JSR 042B
09EE 20 E9 03 JSR 03E9
09F1 A0 BC LDY #BC
09F3 A9 07 LDA #07
09F5 D0 07 BNE 09FE
09F7 BD FF 01 STA 01FF
09FA A0 FF LDY #FF
09FC A9 01 LDA #01
09FE BD 04 04 STA 0404

```

```

0AA1 B6 55 STX 55
0AA3 A2 0F LDX #0F
0AA5 AD 00 1B LDA 1800
0AA8 10 FB BPL 0AA5
0AA9 A9 10 LDA #10

```

,0A0C 8D 00 18 STA 1800
 ,0A0F AD 00 18 LDA 1800
 ,0A12 30 FB BMI 0A0F
 ,0A14 BE 00 18 STX 1800
 ,0A17 B9 00 02 LDA 0200A,Y
 ,0A1A AA TAX
 ,0A1B 4A LSR
 ,0A1C 4A LSR
 ,0A1D 4A LSR
 ,0A1E 4A LSR
 ,0A1F 8D 00 18 STA 1800
 ,0A22 0A ASL
 ,0A23 29 0A AND #0A
 ,0A25 8D 00 18 STA 1800
 ,0A28 BA TXA
 ,0A29 29 0F AND #0F
 ,0A2B 8D 00 18 STA 1800
 ,0A2E 0A ASL
 ,0A2F 29 0A AND #0A
 ,0A31 8D 00 18 STA 1800
 ,0A34 49 0F EOR #0F
 ,0A36 EA NOP
 ,0A37 EA NOP
 ,0A38 C8 INY
 ,0A39 8D 00 18 STA 1800
 ,0A3C D0 D9 BNE 0A17
 ,0A3E F0 93 BEQ 09D3
 ,0A40 A9 08 LDA #08
 ,0A42 4D 00 1C EOR 1C00
 ,0A45 8D 00 1C STA 1C00
 ,0A48 A0 00 LDY #00
 ,0A4A A9 02 LDA #02
 ,0A4C 60 RTS

,0A4D AD 00 1C LDA 1C00
 ,0A50 29 F7 AND #F7
 ,0A52 8D 00 1C STA 1C00
 ,0A55 4C 25 03 JMP 0325

,0A58 20 6B 03 JSR 036B
 ,0A5B 85 A7 STA A7
 ,0A5D 20 17 07 JSR 0717
 ,0A60 A9 02 LDA #02
 ,0A62 85 31 STA 31
 ,0A64 A9 00 LDA #00
 ,0A66 85 30 STA 30
 ,0A68 85 34 STA 34
 ,0A6A 85 19 STA 19
 ,0A6C 85 54 STA 54
 ,0A6E A9 08 LDA #08
 ,0A70 85 52 STA 52
 ,0A72 A5 A7 LDA A7
 ,0A74 85 55 STA 55
 ,0A76 A5 12 LDA 12
 ,0A78 45 13 EOR 13
 ,0A7A 45 A7 EOR A7
 ,0A7C 45 19 EOR 19
 ,0A7E 85 53 STA 53
 ,0A80 20 D0 F6 JSR F6D0
 ,0A83 A5 12 LDA 12
 ,0A85 85 53 STA 53

,0A87 A5 13 LDA 13
 ,0A89 85 52 STA 52
 ,0A8B A9 00 LDA #00
 ,0A8D 85 54 STA 54
 ,0A8F 85 55 STA 55
 ,0A91 20 D0 F6 JSR F6D0
 ,0A94 C6 34 DEC 34
 ,0A96 C6 34 DEC 34
 ,0A98 E6 19 INC 19
 ,0A9A A5 19 LDA 19
 ,0A9C C5 43 CMP 43
 ,0A9E D0 CC BNE 0A6C
 ,0AA0 A9 FF LDA #FF
 ,0AA2 8D 03 1C STA 1C03
 ,0AA5 A9 CE LDA #CE
 ,0AA7 8D 0C 1C STA 1C0C
 ,0AAA A9 55 LDA #55
 ,0AAC 8D 01 1C STA 1C01
 ,0AAF A2 01 LDX #01
 ,0AB1 20 24 FE JSR FE24
 ,0AB4 CA DEX
 ,0AB5 8E 01 1C STX 1C01
 ,0AB8 A2 05 LDX #05
 ,0ABA 50 FE BVC 0ABA
 ,0ABC B8 CLV
 ,0ABD CA DEX
 ,0ABE D0 FA BNE 0ABA
 ,0AC0 A2 08 LDX #08
 ,0AC2 A4 54 LDY 54
 ,0AC4 B9 00 02 LDA 0200A,Y
 ,0AC7 8D 01 1C STA 1C01
 ,0ACA 50 FE BVC 0ACA
 ,0ACC B8 CLV
 ,0ACD C8 INY
 ,0ACE CA DEX
 ,0ACF D0 F3 BNE 0AC4
 ,0AD1 B4 54 STY 54
 ,0AD3 A2 0A LDX #0A
 ,0AD5 A9 55 LDA #55
 ,0AD7 8D 01 1C STA 1C01
 ,0ADA 50 FE BVC 0ADA
 ,0ADC B8 CLV
 ,0ADD CA DEX
 ,0ADE 10 FA BPL 0ADA
 ,0AE0 8E 01 1C STX 1C01
 ,0AE3 A2 05 LDX #05
 ,0AE5 50 FE BVC 0AE5
 ,0AE7 B8 CLV
 ,0AE8 CA DEX
 ,0AE9 D0 FA BNE 0AE5
 ,0AEB A2 03 LDX #03
 ,0AED BD B2 07 LDA 07B2A,X
 ,0AF0 8D 01 1C STA 1C01
 ,0AF3 50 FE BVC 0AF3
 ,0AF5 B8 CLV
 ,0AF6 CA DEX
 ,0AF7 10 F4 BPL 0AED
 ,0AF9 A0 40 LDY #40
 ,0AFB A2 04 LDX #04
 ,0AFD BD B6 07 LDA 07B6A,X
 ,0B00 8D 01 1C STA 1C01

,OB03	50 FE	BVC	OB03
,OB05	B8	CLV	
,OB06	CA	DEX	
,OB07	10 F4	BFL	0AFD
,OB09	B8	DEY	
,OB0A	D0 EF	BNE	0AFB
,OB0C	A2 0B	LDX	#0B
,OB0E	A9 55	LDA	#55
,OB10	8D 01 1C	STA	1C01
,OB13	50 FE	BVC	OB13
,OB15	B8	CLV	
,OB16	CA	DEX	
,OB17	D0 FA	BNE	OB13
,OB19	C6 19	DEC	19
,OB1B	D0 97	BNE	0AB4
,OB1D	20 00 FE	JSR	FE00
,OB20	4C 76 06	JMP	0676

,OB23	A9 11	LDA	#11
,OB25	20 17 07	JSR	0717
,OB28	4C A0 EA	JMP	EAA0

,OB2B	EA	NOP	
,OB2C	EA	NOP	
,OB2D	EA	NOP	
,OB2E	EA	NOP	
,OB2F	EA	NOP	
,OB30	A9 00	LDA	#00
,OB32	B5 97	STA	97
,OB34	B5 52	STA	52
,OB36	A9 05	LDA	#05
,OB38	A6 43	LDX	43
,OB3A	B6 AD	STX	AD
,OB3C	95 B1	STA	B1A,X
,OB3E	CA	DEX	
,OB3F	D0 FB	BNE	OB3C
,OB41	A5 43	LDA	43
,OB43	0A	ASL	
,OB44	B5 B0	STA	B0
,OB46	A9 07	LDA	#07
,OB48	B5 53	STA	53
,OB4A	A2 2A	LDX	#2A
,OB4C	20 42 03	JSR	0342
,OB4F	90 0B	BCC	OB59
,OB51	A9 F1	LDA	#F1
,OB53	20 E2 03	JSR	03E2
,OB56	4C 5D 06	JMP	065D

,OB59	50 FE	BVC	OB59
,OB5B	B8	CLV	
,OB5C	AD 01 1C	LDA	1C01
,OB5F	C9 52	CMF	#52
,OB61	F0 07	BEQ	OB6A
,OB63	CA	DEX	
,OB64	D0 E6	BNE	OB4C
,OB66	A9 F2	LDA	#F2
,OB68	D0 E9	BNE	OB53
,OB6A	20 97 07	JSR	0797
,OB6D	C5 43	CMF	43
,OB6F	90 0B	BCC	OB79
,OB71	C6 B0	DEC	B0

,OB73	D0 D1	BNE	OB46
,OB75	4C 35 06	JMP	0635
,OB78	EA	NOP	
,OB79	AA	TAX	
,OB7A	B5 B2	LDA	B2A,X
,OB7C	F0 F3	BEQ	OB71
,OB7E	30 F1	BMI	OB71
,OB80	B6 96	STX	96
,OB82	A0 00	LDY	#00
,OB84	B4 AB	STY	AB
,OB86	B4 A9	STY	A9
,OB88	B4 AA	STY	AA
,OB8A	B4 AB	STY	AB
,OB8C	B4 B1	STY	B1
,OB8E	EA	NOP	
,OB8F	EA	NOP	
,OB90	A0 BC	LDY	#BC
,OB92	20 42 03	JSR	0342
,OB95	A2 40	LDX	#40
,OB97	50 FE	BVC	OB97
,OB99	B8	CLV	
,OB9A	AD 01 1C	LDA	1C01
,OB9D	91 52	STA	(52),Y
,OB9F	45 AB	EOR	AB
,OBA1	B5 AB	STA	AB
,OBA3	C8	INY	
,OBA4	50 FE	BVC	OBA4
,OBA6	B8	CLV	
,OBA7	AD 01 1C	LDA	1C01
,OBAA	91 52	STA	(52),Y
,OBAC	45 A9	EOR	A9
,OBAE	B5 A9	STA	A9
,OBB0	C8	INY	
,OBB1	50 FE	BVC	OBB1
,OBB3	B8	CLV	
,OBB4	AD 01 1C	LDA	1C01
,OBB7	91 52	STA	(52),Y
,OBB9	45 AA	EOR	AA
,OBBB	B5 AA	STA	AA
,OBBD	C8	INY	
,OBBE	D0 04	BNE	OBC4
,OBC0	A9 02	LDA	#02
,OBC2	B5 53	STA	53
,OBC4	50 FE	BVC	OBC4
,OBC6	B8	CLV	
,OBC7	AD 01 1C	LDA	1C01
,OBCA	91 52	STA	(52),Y
,OBCC	45 AB	EOR	AB
,OBCE	B5 AB	STA	AB
,OBD0	C8	INY	
,OBD1	50 FE	BVC	OBD1
,OBD3	B8	CLV	
,OBD4	AD 01 1C	LDA	1C01
,OBD7	91 52	STA	(52),Y
,OBD9	45 B1	EOR	B1
,OBDB	B5 B1	STA	B1
,OBDD	C8	INY	
,OBDE	CA	DEX	
,OBDF	D0 B6	BNE	OB97
,OBE1	50 FE	BVC	OBE1

0BE3	BB		CLV		,0C4E	A9 FD	LDA #FD
0BE4	AD 01 1C		LDA 1C01		,0C50	D0 02	BNE 0C54
0BE7	91 52		STA (52),Y		,0C52	A9 FC	LDA #FC
0BE9	45 AB		EOR AB		,0C54	20 E2 03	JSR 03E2
0BED	85 AB		STA AB		,0C57	A2 00	LDX #00
0BED	CB		INY		,0C59	8A	TXA
0BEE	50 FE		BVC 0BEE		,0C5A	AB	TAY
0BF0	BB		CLV		,0C5B	CB	INY
0BF1	AD 01 1C		LDA 1C01		,0C5C	B5 B2	LDA B2A,X
0BF4	91 52		STA (52),Y		,0C5E	91 2C	STA (2C),Y
0BF6	45 A9		EOR A9		,0C60	30 04	BMI 0C66
0BFB	85 A9		STA A9		,0C62	8A	TXA
0BFA	CB		INY		,0C63	20 E2 03	JSR 03E2
0BFB	50 FE		BVC 0BFB		,0C66	EB	INX
0BFD	BB		CLV		,0C67	E4 43	CPX 43
0BFE	AD 01 1C		LDA 1C01		,0C69	D0 EE	BNE 0C59
0C01	91 52		STA (52),Y		,0C6B	A9 F3	LDA #F3
0C03	29 40		AND #40		,0C6D	20 E2 03	JSR 03E2
0C05	45 AA		EOR AA		,0C70	EA	NOF
0C07	85 AA		STA AA		,0C71	EA	NOF
0C09	CB		INY		,0C72	A5 97	LDA 97
0C0A	50 FE		BVC 0C0A		,0C74	91 2C	STA (2C),Y
0C0C	BB		CLV		,0C76	EA	NOF
0C0D	AD 01 1C		LDA 1C01		,0C77	EA	NOF
0C10	91 52		STA (52),Y		,0C78	EA	NOF
0C12	A6 96		LDX 96		,0C79	A5 2C	LDA 2C
0C14	A5 B1		LDA B1		,0C7B	18	CLC
0C16	4A		LSR		,0C7C	69 16	ADC #16
0C17	4A		LSR		,0C7E	B5 2C	STA 2C
0C18	45 AB		EOR AB		,0C80	4C 38 04	JMP 0438
0C1A	4A		LSR				
0C1B	08		FHP		,0C83	28	PLP
0C1C	4A		LSR		,0C84	D6 B2	DEC B2A,X
0C1D	45 A9		EOR A9		,0C86	F0 BB	BEQ 0C43
0C1F	4A		LSR		,0C88	4C 2C 05	JMP 052C
0C20	4A		LSR				
0C21	45 AA		EOR AA		,0C8B	A2 FF	LDX #FF
0C23	29 02		AND #02		,0C8D	B6 53	STX 53
0C25	D0 5C		BNE 0C83		,0C8F	EB	INX
0C27	28		PLP		,0C90	8A	TXA
0C28	6A		ROR		,0C91	AB	TAY
0C29	4A		LSR		,0C92	CB	INY
0C2A	45 AA		EOR AA		,0C93	B1 2C	LDA (2C),Y
0C2C	4A		LSR		,0C95	95 B2	STA B2A,X
0C2D	4A		LSR		,0C97	EB	INX
0C2E	45 AB		EOR AB		,0C98	E4 43	CPX 43
0C30	29 10		AND #10		,0C9A	D0 F4	BNE 0C90
0C32	F0 50		BEQ 0C84		,0C9C	A0 00	LDY #00
0C34	E6 97		INC 97		,0C9E	B1 2C	LDA (2C),Y
0C36	B5 B2		LDA B2A,X		,0CA0	F0 D7	BEQ 0C79
0C38	09 80		DRA #80		,0CA2	A5 43	LDA 43
0C3A	95 B2		STA B2A,X		,0CA4	B5 97	STA 97
0C3C	8A		TXA		,0CA6	A6 43	LDX 43
0C3D	20 E2 03		JSR 03E2		,0CAB	CA	DEX
0C40	20 D6 03		JSR 03D6		,0CA9	8A	TXA
0C43	C6 AD		DEC AD		,0CAA	29 05	AND #05
0C45	F0 03		BEQ 0C4A		,0CAC	F0 0A	BEQ 0CB8
0C47	4C 2C 05		JMP 052C		,0CAE	E4 53	CPX 53
					,0CB0	F0 04	BEQ 0CB6
0C4A	A5 97		LDA 97		,0CB2	A5 53	LDA 53
0C4C	F0 04		BEQ 0C52		,0CB4	D0 02	BNE 0CB8

```

,OCB6 38 SEC
,OCB7 24 18 BIT 18
,OCB9 A5 53 LDA 53
,OCBB 69 03 ADC #03
,OCBD C5 43 CMP 43
,OCBF 90 02 BCC 00C3
,CCC1 E5 43 SBC 43
,CCC3 85 53 STA 53
,CCC5 AA TAX
,CCD6 20 58 03 JSR 0358
,CCD9 B5 B2 LDA B2A,X
,CCCB 10 4C BPL 0D19
,CCCD A0 5B LDY #5B
,CCCF 88 DEY
,CCD0 F0 47 BEQ 0D19
,CCD2 20 88 07 JSR 0788
,CCD5 C5 53 CMP 53
,CCD7 D0 F6 BNE 0CCF
,CCD9 A0 0B LDY #0B
,CCDB 50 FE BVC 0CDB
,CCDD B8 CLV
,CCDE 88 DEY
,CCDF 10 FA BPL 0CDB
,CEE1 8C 03 1C STY 1C03
,CEE4 A2 CE LDX #CE
,CEE6 9E 00 1C STX 1E0C
,CEE9 A2 05 LDX #05
,CEEB 8C 01 1C STY 1C01
,CEEE 50 FE BVC 0CEE
,CCF0 B8 CLV
,CCF1 CA DEX
,CCF2 D0 FA BNE 0CEE
,CCF4 A2 BC LDX #BC
,CCF6 BD 00 07 LDA 0700A,X
,CCF9 8D 01 1C STA 1C01
,CCFC 50 FE BVC 0CFC
,CCFE B8 CLV
,CCFF E8 INX
,CD00 D0 F4 BNE 0CF6
,CD02 BD 00 02 LDA 0200A,X
,CD05 8D 01 1C STA 1C01
,CD08 50 FE BVC 0D08
,CD0A B8 CLV
,CD0B E8 INX
,CD0C D0 F4 BNE 0D02
,CD0E A9 55 LDA #55
,CD10 8D 01 1C STA 1C01
,CD13 50 FE BVC 0D13
,CD15 B8 CLV
,CD16 20 00 FE JSR FE00
,CD19 C6 97 DEC 97
,CD1B D0 B9 BNE 0CA6
,CD1D 4C 64 06 JMP 0664

```

```

,OD20 EA NOP
,OD21 20 6B 03 JSR 036B
,OD24 85 A7 STA A7
,OD26 20 17 07 JSR 0717
,OD29 4C 25 03 JMP 0325
,OD2C 4B PHA

```

```

,OD2D A0 CA LDY #CA
,OD2F A2 00 LDX #00
,OD31 38 SEC
,OD32 E5 22 SBC 22
,OD34 B0 04 BCS 0D3A
,OD36 A0 E8 LDY #E8
,OD38 E8 INX
,OD39 EA NOP
,OD3A 8E 31 07 STX 0731
,OD3D EA NOP
,OD3E 8C 49 07 STY 0749
,OD41 0A ASL
,OD42 AA TAX
,OD43 F0 1C BEQ 0D61
,OD45 A9 00 LDA #00
,OD47 4D 00 1C EOR 1C00
,OD4A 38 SEC
,OD4B 2A ROL
,OD4C 29 03 AND #03
,OD4E 4D 00 1C EOR 1C00
,OD51 BD 00 1C STA 1C00
,OD54 A9 96 LDA #96
,OD56 BD 05 18 STA 1805
,OD59 AD 05 18 LDA 1805
,OD5C 30 FB BMI 0D59
,OD5E CA DEX
,OD5F D0 E4 BNE 0D45
,OD61 68 PLA
,OD62 85 22 STA 22
,OD64 A2 05 LDX #05
,OD66 A5 22 LDA 22
,OD68 CA DEX
,OD69 DD 7E 07 CMP 077EA,X
,OD6C B0 FA BCS 0D68
,OD6E BD 83 07 LDA 07B3A,X
,OD71 85 43 STA 43
,OD73 E0 00 CPX #00
,OD75 F0 01 BEQ 0D78
,OD77 CA DEX
,OD78 BA TXA
,OD79 0A ASL
,OD7A 0A ASL
,OD7B 0A ASL
,OD7C 0A ASL
,OD7D 0A ASL
,OD7E 85 44 STA 44
,OD80 AD 00 1C LDA 1C00
,OD83 29 9F AND #9F
,OD85 05 44 ORA 44
,OD87 BD 00 1C STA 1C00
,OD8A AD 0C 1C LDA 1C0C
,OD8D 09 0E ORA #0E
,OD8F BD 0C 1C STA 1C0C
,OD92 60 RTS

```

```

,OD93 FF 24 1F *ISC 1F24A,X
,OD96 19 12 11 ORA 1112A,Y
,OD99 11 12 ORA (12),Y
,OD9B 13 15 *SLD (15),Y
,OD9D 20 42 03 JSR 0342
,ODA0 B0 24 BCS 0DC6

```

5

,ODA2	50 FE	BVC ODA2
,ODA4	BB	CLV
,ODA5	AD 01 1C	LDA 1C01
,ODAB	C9 52	CMP #52
,ODAA	D0 F1	BNE OD9D
,ODAC	A2 03	LDX #03
,ODAE	50 FE	BVC ODAE
,ODE0	BB	CLV
,ODE1	AD 01 1C	LDA 1C01
,ODE4	CA	DEX
,ODE5	D0 F7	BNE ODAE
,ODE7	AA	TAX
,ODE8	08	PHP
,ODE9	4A	LSR
,ODEA	4A	LSR
,ODEB	29 1F	AND #1F
,ODED	AA	TAX
,ODEE	BD C0 FB	LDA FBCCA,X
,ODC1	2B	PLP
,ODC2	10 02	BPL ODC6
,ODC4	09 10	DRA #10
,ODC6	60	RTS

,ODC7	29 A5	AND #A5
,ODC9	D4 55	*SKP 55
,ODCB	29 A5	AND #A5
,ODCD	94 52	STY 52A,X
,ODEF	4A	LSR
,ODDO	00	BRK

,ODD1	0F 0F F0	*SLD F00F
,ODD4	FF FF F0	*ISC F0FFA,X
,ODD7	0F F0 0F	*SLD 0FF0
,ODDA	FF FF FF	*ISC FFFFA,X
,ODDD	F0 00	BEQ ODDF
,ODDF	0F 00 00	*SLD 0000
,ODE2	FF F0 0F	*ISC 0FF0A,X
,ODE5	FF 00 0F	*ISC 0F00A,X
,ODEB	00	BRK

,ODE9	00	BRK
-------	----	-----

,ODEA	F0 F0	BEQ ODDC
,ODEC	FF FF 00	*ISC 00FFA,X
,ODEF	00	BRK

,ODE0	00	BRK
-------	----	-----

,ODF1	00	BRK
-------	----	-----

,ODF2	FF FF FF	*ISC FFFFA,X
,ODF5	FF 00 00	*ISC 0000A,X
,ODF8	00	BRK

,ODF9	0F FF F0	*SLD F0FF
,ODFC	FF FF 00	*ISC 00FFA,X
,ODFF	00	BRK

,OE00	4C 3B 1D	JMP 1D3B <i>space 135C</i>
-------	----------	----------------------------

,OE03	6B	PLA
-------	----	-----

,OE04	85 9B	STA 9B
,OE06	6B	PLA
,OE07	85 9C	STA 9C
,OE09	A0 00	LDY #00
,OE0B	A9 97	LDA #97
,OE0D	D0 02	BNE OE11
,OE0F	B1 9B	LDA (9B),Y
,OE11	E6 9B	INC 9B
,OE13	D0 02	BNE OE17
,OE15	E6 9C	INC 9C
,OE17	C9 00	CMP #00
,OE19	F0 06	BEQ OE21
,OE1B	20 D2 FF	JSR FFD2
,OE1E	4C 0F 0E	JMP OE0F

,OE21	6C 9B 00	JMP (009B)
-------	----------	------------

,OE24	F8	SED
,OE25	A2 08	LDX #08
,OE27	85 9B	STA 9B
,OE29	A9 00	LDA #00
,OE2B	85 9C	STA 9C
,OE2D	06 9B	ASL 9B
,OE2F	65 9C	ADC 9C
,OE31	85 9C	STA 9C
,OE33	CA	DEX
,OE34	D0 F7	BNE OE2D
,OE36	D8	CLD
,OE37	4B	PHA
,OE38	4A	LSR
,OE39	4A	LSR
,OE3A	4A	LSR
,OE3B	4A	LSR
,OE3C	20 40 0E	JSR OE40
,OE3F	6B	PLA
,OE40	29 0F	AND #0F
,OE42	1B	CLC
,OE43	69 30	ADC #30
,OE45	4C D2 FF	JMP FFD2

,OE48	AE 70 0E	LDA OE5E
,OE4B	8D 74 0E	STA OE74

,OE4E	EA	NOP
,OE4F	EA	NOP
,OE50	EA	NOP
,OE51	EA	NOP
,OE52	EA	NOP
,OE53	EA	NOP
,OE54	EA	NOP

,OE55	49 80	EDR #80
,OE57	8D 71 0E	STA OE71
,OE5A	20 03 0E	JSR OE03
,OE5D	8E 92 B0	STX B092

,OE60	C0 C0	CPY #C0
,OE62	C0 C0	CPY #C0
,OE64	C0 C0	CPY #C0
,OE66	AE 9D 9D	LDX 9D9D
,OE69	9D 9D 9D	STA 9D9DA,X
,OE6C	9D 9D 9D	STA 9D9DA,X
,OE6F	11 DD	DRA (DD),Y
,OE71	12	*CRA

0E72	20 20 92	JSR 9220	
0E75	20 20 D7	JSR D720	
0E78	20 DD 9D	JSR 9DD0	
0E7B	9D 9D 9D	STA 9D9DA,X	
0E7E	9D 9D 9D	STA 9D9DA,X	
0E81	9D 11 DD	STA DD11A,X	
0E84	20 20 D5	JSR D520	
0E87	C9 20	CMP #20	
0E89	20 DD 9D	JSR 9DD0	
0E8C	9D 9D 9D	STA 9D9DA,X	
0E8F	9D 9D 9D	STA 9D9DA,X	
0E92	9D 11 DD	STA DD11A,X	
0E95	20 20 CA	JSR CA20	
0E98	CB	***	
0E99	20 20 DD	JSR DD20	
0E9C	9D 9D 9D	STA 9D9DA,X	
0E9F	9D 9D 9D	STA 9D9DA,X	
0EA2	9D 9D 11	STA 119DA,X	
0EA5	DD 20 20	CMP 2020A,X	
0EA8	D5 C9	CMP C9A,X	
0EAA	20 20 DD	JSR DD20	
0EAD	9D 9D 9D	STA 9D9DA,X	
0EB0	9D 9D 9D	STA 9D9DA,X	
0EB3	9D 9D 11	STA 119DA,X	
0EB6	DD 20 20	CMP 2020A,X	
0EB9	DD DD 20	CMP 20DDA,X	
0EBD	20 DD 9D	JSR 9DD0	
0EBF	9D 9D 9D	STA 9D9DA,X	
0EC2	9D 9D 9D	STA 9D9DA,X	
0EC5	9D 11 DD	STA DD11A,X	
0EC8	20 20 CA	JSR CA20	
0ECB	CB	***	
0ECC	20 20 DD	JSR DD20	
0ECF	9D 9D 9D	STA 9D9DA,X	
0ED2	9D 9D 9D	STA 9D9DA,X	
0ED5	9D 9D 11	STA 119DA,X	
0ED8	AD C0 C0	LDA C0C0	
0EDB	C0 C0	CPY #C0	
0EDD	C0 C0	CPY #C0	
0EDF	BD 00 60	LDA 6000A,X	
0EE2	48 v. 1000	PHA	
0EE3	A9 20	LDA #20	
0EE5	A0 00	LDY #00	
0EE7	99 00 04	STA 0400A,Y	
0EEA	88	DEY	
0EEB	D0 FA	BNE 0EE7	
0EED	A0 90	LDY #90	
0EEF	99 FF 04	STA 04FFA,Y	
0EF2	88	DEY	
0EF3	D0 FA	BNE 0EEF	
0EF5	68	PLA	
0EF6	8D 5E 0E	STA 0E5E	
0EF9	A5 D3	LDA D3	
0EFB	48	PHA	
0EFC	A5 D6	LDA D6	
0EFE	48	PHA	
0EFF	8A	TXA	
0F00	48	PHA	
0F01	A2 01	LDX #01	
0F03	A0 04	LDY #04	
0F05	20 0C E5	JSR E50C	Curran schen

0F08	20 48 0E	JSR 0E48	
0F0B	68	PLA	
0F0C	8D 5E 0E	STA 0E5E	
0F0F	A2 01	LDX #01	
0F11	A0 1C	LDY #1C	
0F13	20 0C E5	JSR E50C	
0F16	20 48 0E	JSR 0E48	
0F19	20 30 0F	JSR 0F30	
0F1C	68	PLA	
0F1D	AA	TAX	
0F1E	68	PLA	
0F1F	A8	TAY	
0F20	20 0C E5	JSR E50C	
0F23	A9 63	LDA #63	
0F25	A0 27	LDY #27	
0F27	99 8F 05	STA 05BFA,Y	
0F2A	88	DEY	
0F2B	D0 FA	BNE 0F27	
0F2D	4C C2 0F	JMP 0FC2	
0F30	A2 01	LDX #01	
0F32	A0 0E	LDY #0E	
0F34	20 0C E5	JSR E50C	
0F37	20 03 0E	JSR 0E03	
0F3A	92	*CRA	
0F3B	50 41	BVC 0F7E	
0F3D	53 53	*SRE (53),Y	
0F3F	3A	*SKP	
0F40	20 00 A5	JSR A500	
0F43	61 20	ADC (20,X)	
0F45	24 0E	BIT 0E	
0F47	A2 03	LDX #03	
0F49	A0 0E	LDY #0E	
0F4B	20 0C E5	JSR E50C	
0F4E	20 03 0E	JSR 0E03	
0F51	92	*CRA	
0F52	45 52	EOR 52	
0F54	52	*CRA	
0F55	4F 52 53	*SRE 5352	
0F58	3A	*SKP	
0F59	20 00 A5	JSR A500	
0F5C	62	*CRA	
0F5D	20 24 0E	JSR 0E24	
0F60	A2 05	LDX #05	
0F62	A0 0E	LDY #0E	
0F64	20 0C E5	JSR E50C	
0F67	20 03 0E	JSR 0E03	
0F6A	92	*CRA	
0F6B	5A	*SKP	
0F6C	49 45	EOR #45	
0F6E	4C 44 49	JMP 4944	
0F71	53 4B	*SRE (4B),Y	
0F73	3A	*SKP	
0F74	20 00 A6	JSR A600	
0F77	8C E8 8A	STY 8AEB	
0F7A	20 24 0E	JSR 0E24	
0F7D	A2 07	LDX #07	
0F7F	A0 0E	LDY #0E	
0F81	20 0C E5	JSR E50C	
0F84	20 03 0E	JSR 0E03	

0FB7	92	*CRA
0FB8	5A	*SKP
0FB9	45 49	EOR 49
0FBA	54 20	*SKP 20
0FBB	3A	*SKP
0FBE	20 00 AD	JSR AD00
0F91	0B	***
0F92	DD AD 0A	CMP 0AADA,X
0F95	DD 20 B6	CMP B620A,X
0F98	0F 20 D2	*SLD D220
0F9B	FF A9 2E	*ISC 2EA9A,X
0F9E	20 D2 FF	JSR FFD2
0FA1	AD 09 DD	LDA DD09
0FA4	4B	PHA
0FA5	20 BB 0F	JSR 0FBB
0FAB	20 D2 FF	JSR FFD2
0FAB	8B	PLA
0FAC	20 B6 0F	JSR 0FBB
0FAF	20 D2 FF	JSR FFD2
0FB2	AD 0B DD	LDA DD0B
0FB5	60	RTS
0FB6	29 0F	AND #0F
0FB8	09 30	ORA #30
0FBA	60	RTS
0FBB	4A	LSR
0FBC	4A	LSR
0FBD	4A	LSR
0FBE	4A	LSR
0FBF	09 30	ORA #30
0FC1	60	RTS
0FC2	JMP 01193	LDA #0B
0FC4	A0 00	LDY #00
0FC6	99 00 D8	STA DB000,Y
0FC7	99 00 D9	STA D9000,Y
0FC8	99 00 DA	STA DA000,Y
0FCF	99 00 DB	STA DB000,Y
0FD2	C8	INY
0FD3	D0 F1	BNE 0FDC
0FD5	60	RTS
0FD6	JSR v. 01164	LDA D011
0FD9	29 EF	AND #EF
0FDB	BD 11 D0	STA D011
0FDE	A2 00	LDX #00
0FEO	A0 96	LDY #96
0FE2	EB	INX
0FE3	D0 FD	BNE 0FE2
0FE5	BB	DEY
0FE6	D0 FA	BNE 0FE2
0FEB	60	RTS
0FE9	AD 11 D0	LDA D011
0FEC	09 10	ORA #10
0FEE	BD 11 D0	STA D011
0FF1	60	RTS
0FF2	A9 00	LDA #00
0FF4	85 C6	STA C6

Color-RAM
setzen

screen
aus

warten

W. LDA300A2
SPL W
beenden

0FF6	20 E4 FF	JSR FFE4
0FF9	F0 FB	BEQ 0FE4
0FFB	60	RTS
0FFC	AD 0B DD	LDA DD0B
0FFF	BD 0B DD	STA DD0B
1002	60	RTS
1003	JSR v. 101C	LDA #12
1005	A2 92	LDX #92
1007	D0 04	BRA 100D
1009	A2 12	LDX #12
100B	A9 92	LDA #92
100D	4C E2 0E	JMP 0EE2
1010	JSR v. 1550	CLI
1011	20 C4 13	JSR 13C4
1014	E6 61	INC 61
1016	A5 61	LDA 61
1018	C9 01	CMP #01
101A	F0 0C	BEQ 102B
101C	20 03 10	JSR 1003
101F	JMP v. 1034	JSR 0FE9
1022	20 F2 0F	JSR 0FF2
1025	20 D6 0F	JSR 0FD6
1028	20 FC 0F	JSR 0FFC
102B	7B	SEI
102C	60	RTS
102D	JSR v. 1585	CLI
102E	20 C4 13	JSR 13C4
1031	20 09 10	JSR 1009
1034	4E 1F 10	JMP 101F
1037	20 69 10	JSR 1069
103A	20 03 0E	JSR 0E03
103D	3A	*SKP
103E	53 59	*GRE (59),Y
1040	4E 43 20	LSR 2043
1043	4E 4F 54	LSR 544F
1046	20 46 4F	JSR 4F46
1049	55 4E	EOR 4EA,X
104B	44 00	*SKP 00
104D	7B	SEI
104E	60	RTS
104F	20 69 10	JSR 1069
1052	20 03 0E	JSR 0E03
1055	3A	*SKP
1056	4B	PHA
1057	45 41	EOR 41
1059	44 45	*SKP 45
105B	52	*CRA
105C	20 4E 4F	JSR 4F4E
105F	54 20	*SKP 20
1061	46 4F	LSR 4F
1063	55 4E	EOR 4EA,X
1065	44 00	*SKP 00
1067	7B	SEI
1069	60	RTS

Uhr weiter
laufen lassen



Disketten + Status (Source)
Screen aus
auf Taste warten
Screen aus
Uhrzeit weiterlaufen
lassen

300B
Status (Dest)
Taste

1069	20	03	0E	JSR	0E03
106C	0D	54	52	ORA	5254
106F	41	43		EOR	(43,X)
1071	4B			***	
1072	20	45	52	JSR	5245
1075	52			*CRA	
1076	4F	52	20	*SRE	2052
1079	49	4E		EOR	#4E
107B	20	00	A5	JSR	A500
107E	FB	AA	FE	*ISC	FEAAA,Y
1081	05	11		ORA	11
1083	20	24	0E	JSR	0E24
1086	60			RTS	

1087	E6	62		INC	62
1089	4B			PHA	
108A	20	03	0E	JSR	0E03
108D	0D	52	45	ORA	4552
1090	41	44		EOR	(44,X)
1092	20	45	52	JSR	5245
1095	52			*CRA	
1096	4F	52	2C	*SRE	2C52
1099	00			BRK	

109A	A5	FB		LDA	FB
109C	20	24	0E	JSR	0E24
109F	A9	2C		LDA	#2C
10A1	20	D2	FF	JSR	FFD2
10A4	6B			PLA	
10A5	20	24	0E	JSR	0E24
10A8	7B			SEI	
10A9	60			RTS	

10AA	A2	17		LDX	#17
10AD	A0	01		LDY	#01
10AE	20	0C	E5	JSR	E50C
10B1	20	03	0E	JSR	0E03
10B4	C4	49		CPY	49
10B6	53	4B		*SRE	(4B),Y
10B8	45	54		EOR	54
10BA	54	45		*SKP	45
10BC	20	49	53	JSR	5349
10BF	54	20		*SKP	20
10C1	4E	49	43	LSR	4349
10C4	4B			PHA	
10C5	54	20		*SKP	20
10C7	4C	45	53	JMP	5345

10CA	42			*CRA	
10CB	41	52		EOR	(52,X)
10CD	20	21	00	JSR	0021
10D0	20	F2	0F	JSR	0FF2
10D3	60			RTS	

10D4	C6	FE		DEC	FE
10D6	20	03	0E	JSR	0E03
10D9	0D	0D	57	ORA	570D
10DC	45	49		EOR	49
10DE	54	45		*SKP	45
10E0	52			*CRA	
10E1	20	4D	49	JSR	494D

10E4	54	20		*SKP	20
10E6	54	41		*SKP	41
10E8	53	54		*SRE	(54),Y
10EA	45	4E		EOR	4E
10EC	44	52		*SKP	52
10EE	55	43		EOR	43A,X
10F0	4B			***	
10F1	00			BRK	

10F2	5B			CLI	
10F3	20	C4	13	JSR	13C4
10F6	20	03	10	JSR	1003
10F9	20	E9	0F	JSR	0FE9
10FC	20	F2	0F	JSR	0FF2
10FF	A9	03		LDA	#03
1101	BD	00	DD	STA	DD00
1104	60			RTS	

1105	00			BRK	
------	----	--	--	-----	--

1106	00			BRK	
------	----	--	--	-----	--

1107	00			BRK	
------	----	--	--	-----	--

1108	00			BRK	
------	----	--	--	-----	--

1109	00			BRK	
------	----	--	--	-----	--

110A	00			BRK	
------	----	--	--	-----	--

110B	00			BRK	
------	----	--	--	-----	--

110C	00			BRK	
------	----	--	--	-----	--

110D	00			BRK	
------	----	--	--	-----	--

110E	00			BRK	
------	----	--	--	-----	--

110F	00			BRK	
------	----	--	--	-----	--

1110	00			BRK	
------	----	--	--	-----	--

1111	00			BRK	
------	----	--	--	-----	--

1112	00			BRK	
------	----	--	--	-----	--

1113	00			BRK	
------	----	--	--	-----	--

1114	00			BRK	
------	----	--	--	-----	--

1115	00			BRK	
------	----	--	--	-----	--

1116	00			BRK	
------	----	--	--	-----	--

1117	00			BRK	
------	----	--	--	-----	--

1118	00			BRK	
------	----	--	--	-----	--

1119	00			BRK	
------	----	--	--	-----	--

111A	00			BRK	
------	----	--	--	-----	--

,111B	00	BRK	
,111C	00	BRK	
,111D	00	BRK	
,111E	00	BRK	
,111F	00	BRK	
,1120	00	BRK	
,1121	00	BRK	
,1122	00	BRK	
,1123	00	BRK	
,1124	00	BRK	
,1125	00	BRK	
,1126	00	BRK	
,1127	00	BRK	
,1128	00	BRK	
,1129	00	BRK	
,112A	00	BRK	
,112B	00	BRK	
,112C	00	BRK	
,112D	00	BRK	
,112E	00	BRK	
,112F	JSR v. 1829	LDX #05	
,1131	A5 FB	LDA FB	
,1133	CA	DEX	
,1134	DD 3F 11	CMP 113F X	
,1137	B0 FA	BCS 1133	
,1139	BD 44 11	LDA 1144 X	
,113C	85 6B	STA 6B	
,113E	60	RTS	
,113F	FF 24 1F	*ISC 1F24A,X	
,1142	19 12 11	DRA 1112A,Y	
,1145	11 12	DRA (12),Y	
,1147	13 15	*SLO (15),Y	
,1149	JSR v. 1874	LDX FB	
,114B	A5 AB	LDA AB	
,114D	18	CLC	
,114E	7D E7 17	ADC 17E7 X	
,1151	85 AB	STA AB	
,1153	A5 AC	LDA AC	
,1155	7D 10 18	ADC 1810A,X	

,1158	85 AC	STA AC	
,115A	60	RTS	
,115B	JSR v. 1864	LDX FB	
,115D	BD BE 17	LDA 17BE X	
,1160	8D 84 15	STA 1584	
,1163	60	RTS	
,1164	JSR v. 1875	JSR 0FD6	Screen aus
,1167	78	SEI	
,1168	A9 35	LDA #35	ROM aus
,116A	85 01	STA 01	
,116C	A9 00	LDA #00	
,116E	85 A7	STA A7	A9/A = \$0915
,1170	A9 15	LDA #15	
,1172	85 A9	STA A9	A7/8 = \$3300
,1174	A9 09	LDA #09	
,1176	85 AA	STA AA	
,1178	A9 33	LDA #33	
,117A	85 AB	STA AB	
,117C	A2 05	LDX #05	5 Blocks
,117E	A0 00	LDY #00	
,1180	B1 A9	LDA (A9),Y	
,1182	91 A7	STA (A7),Y	kopieren
,1184	CB	INY	
,1185	D0 F9	BNE 1180	
,1187	E6 AB	INC AB	
,1189	E6 AA	INC AA	weitere Blocks
,118B	CA	DEX	
,118C	D0 F0	BNE 117E	
,118E	A9 37	LDA #37	ROM an
,1190	85 01	STA 01	
,1192	58	CLI	
,1193	4C C2 0F	JMP 0FC2	Bildschirmfarben setzen
,1196	JSR v. 1819	LDA #00	
,1198	85 A7	STA A7	
,119A	A5 F9	LDA F9	
,119C	20 0C ED	JSR EDOC	
,119F	A9 6F	LDA #6F	
,11A1	20 B9 ED	JSR EDB9	
,11A4	B9 07 1C	LDA 1C07A,Y	"U-W"
,11A7	CB	INY	
,11A8	C9 FE	CMP #FE	
,11AA	B0 05	BCS 11B1	
,11AC	20 DD ED	JSR EDDD	senden
,11AF	90 F3	BCC 11A4	
,11B1	08	PHP	
,11B2	20 FE ED	JSR EDFE	
,11B5	28	PLP	
,11B6	F0 E2	BEQ 11B8	
,11B8	78	SEI	
,11B9	20 00 DD	BIT DD00	
,11BC	30 FB	BHL 11B9	
,11BE	A9 33	LDA #33	\$3300
,11C0	85 AB	STA AB	
,11C2	20 00 DD	BIT DD00	
,11C5	50 FB	BVC 11C2	
,11C7	A0 00	LDY #00	
,11C9	B1 A7	LDA (A7),Y	
,11CB	85 A9	STA A9	

11C0	A2 08	LDX #08
11C1	46 A9	ROR A9
11D1	A9 17	LDA #17
11D3	90 02	BCC 11D7
11D5	A9 37	LDA #37
11D7	EA	NOP
11D8	EA	NOP
11D9	EA	NOP
11DA	EA	NOP
11DB	EA	NOP
11DC	EA	NOP
11DD	8D 00 DD	STA DD00
11E0	EA	NOP
11E1	EA	NOP
11E2	29 EF	AND #EF
11E4	8D 00 DD	STA DD00
11E7	CA	BEX
11E8	D0 E5	BNE 11CF
11EA	CB	INY
11EB	D0 DC	BNE 11D9
11ED	E6 AB	INC AB
11EF	A5 AB	LDA AB
11F1	09 38	CMP #38
11F3	90 D4	BCC 11D9
11F5	A9 07	LDA #07
11F7	8D 00 DD	STA DD00
11FA	A9 93	LDA #93
11FC	20 D2 FF	JSR FFD2
11FE	A2 0A	LDX #0A
1201	A0 00	LDY #00
1203	4C 0C E5	JMP E50C

Floppyroutine
übertragen

Bildschirm
löschen

cursor setzen

1206	JSR v. 14F8	LDA FC
1208	D0 0F	BNE 1219
120A	A9 4C	LDA #4C
120C	8D 4B 34	STA 344B
120F	A9 76	LDA #76
1211	8D 4C 34	STA 344C
1214	A9 06	LDA #06
1216	8D 4D 34	STA 344D
1219	4E 96 11	JMP 1196

JMP \$0676
ins Programm
Programm übertragen

121C	EA	NOP
121D	JSR v. 14C5	LDA #0F
121F	A6 F9	LDX F9
1221	AB	TAY
1222	20 BA FF	JSR FFBA
1225	A2 CC	LDX #CC
1227	A0 13	LDY #13
1229	A9 07	LDA #07
122B	20 DD FF	JSR FFDD
122E	4C 00 FF	JMP FFC0

15, (F9), 15
Floppy \$1005
auf \$12
setzen = schneller
Steppemotor

1231	JSR v. 1841	LDY #FF
1233	A9 03	LDA #03
1235	20 47 12	JSR 1247
1238	AD FF 03	LDA 03FF
123B	60	RTS

Ziel = \$8FF

123C	JSR v. 1842	LDY #00
123E	A9 04	LDA #04

Ziel = \$400

1240	20 47 12	JSR 1247
1243	A9 03	LDA #03
1245	A0 BC	LDY #BC
1247	JSR v. 1235	STA 1289
124A	8E BB 03	STX 03BB
124D	A2 0B	LDX #0B
124F	8E 00 DD	STX DD00
1252	AD 00 DD	LDA DD00
1255	10 FB	BPL 1252
1257	A2 03	LDX #03
1259	8E 00 DD	STX DD00
125C	AD 00 DD	LDA DD00
125F	EA	NOP
1260	CD 00 DD	CMP DD00
1263	EA	NOP
1264	EA	NOP
1265	D0 02	BNE 1269
1267	EA	NOP
1268	EA	NOP
1269	EA	NOP
126A	C1 00	CMP (00,X)
126C	AE 00 DD	LDX DD00
126F	BD 18 13	LDA 1318,X
1272	AE 00 DD	LDX DD00
1275	1D 10 13	ORA 1310,X
1278	AE 00 DD	LDX DD00
127B	1D 08 13	ORA 1308,X
127E	AE 00 DD	LDX DD00
1281	1D 00 13	ORA 1300,X
1284	EC 00 DD	CPX DD00
1287	99 00 03	STA 0300,X
128A	F0 00	BEQ 128C
128C	CB	INY
128D	D0 DA	BNE 1269
128F	AE BB 03	LDX 03BB
1292	60	RTS

Ziel = \$88C
Block
empfangen

1293	JSR v. 15D0	LDY #FF
1295	8D FF 03	STA 03FF
1298	A9 03	LDA #03
129A	8D D0 12	STA 12D0
129D	4C B1 12	JMP 12B1

12A0	A0 00	LDY #00
12A2	A9 04	LDA #04
12A4	8D D0 12	STA 12D0
12A7	20 B1 12	JSR 12B1
12AA	A9 03	LDA #03
12AC	8D D0 12	STA 12D0
12AF	A0 BC	LDY #BC
12B1	8E BB 03	STX 03BB
12B4	A2 0B	LDX #0B
12B6	8E 00 DD	STX DD00
12B9	AD 00 DD	LDA DD00
12BC	10 FB	BPL 12B9
12BE	A2 03	LDX #03
12C0	8E 00 DD	STX DD00
12C3	AD 00 DD	LDA DD00
12C6	EA	NOP
12C7	CD 00 DD	CMP DD00
12CA	D0 02	BNE 12CE

,12CC	EA	NOP
,12CD	EA	NOP
,12CE	BE 00 03	LDX 0300 4 ,Y
,12D1	BD 00 1D	LDA 1D00 4 ,X low sender
,12D4	BD 00 DD	STA DD00
,12D7	4A	LSR
,12D8	4A	LSR
,12D9	29 30	AND #30
,12DB	BD 00 DD	STA DD00
,12DE	BD 00 1E	LDA 1E00 4 ,X high sender
,12E1	BD 00 DD	STA DD00
,12E4	4A	LSR
,12E5	4A	LSR
,12E6	29 30	AND #30
,12EB	BD 00 DD	STA DD00
,12EB	49 30	EDR #30
,12ED	CB	INY
,12EE	EA	NOP
,12EF	EA	NOP
,12F0	BD 00 DD	STA DD00
,12F3	90 D9	BNE 12CE
,12F5	A9 03	LDA #03
,12F7	BD 00 DD	STA DD00
,12FA	AE BB 03	LDX 03BB
,12FB	60	RTS
,12FE	00	BRK
,12FF	00	BRK
,1300	00	BRK
,1301	00	BRK
,1302	00	BRK
,1303	05 00	DRA 00
,1305	00	BRK
,1306	00	BRK
,1307	00	BRK
,1308	00	BRK
,1309	00	BRK
,130A	00	BRK
,130B	0A	ASL
,130C	00	BRK
,130D	00	BRK
,130E	00	BRK
,130F	00	BRK
,1310	00	BRK
,1311	00	BRK

,1312	00	BRK
,1313	50 00	BVC 1315
,1315	00	BRK
,1316	00	BRK
,1317	00	BRK
,1318	00	BRK
,1319	00	BRK
,131A	00	BRK
,131B	A0 A6	LDY #A6
,131D	6B	***
,131E	CA	DEX
,131F	BA	TXA
,1320	29 05	AND #05
,1322	F0 0A	BEQ 132E
,1324	E4 6C	CPX 6C
,1326	F0 04	BEQ 132C
,1328	A5 6C	LDA 6C
,132A	D0 02	BNE 132E
,132C	38	SEC
,132D	24 18	BIT 18
,132F	A5 6C	LDA 6C
,1331	69 03	ADC #03
,1333	C5 6B	CMF 6B
,1335	90 02	BCC 1339
,1337	E5 6B	SBC 6B
,1339	B5 6C	STA 6C
,133B	60	RTS
,133C	00	BRK
,133D	00	BRK
,133E	00	BRK
,133F	00	BRK
,1340	00	BRK
,1341	00	BRK
,1342	00	BRK
,1343	01 00	DRA (00,X)
,1345	00	BRK
,1346	00	BRK
,1347	00	BRK
,1348	00	BRK
,1349	00	BRK

134A	00	BRK
134B	02	*CRA
134C	00	BRK
134D	00	BRK
134E	00	BRK
134F	00	BRK
1350	00	BRK
1351	00	BRK
1352	00	BRK
1353	10 00	BPL 1355
1355	00	BRK
1356	00	BRK
1357	00	BRK
1358	00	BRK
1359	00	BRK
135A	00 20	BRK
135C	AD 00	LDY #000
135E	9B	TYA
135F	29 F0	AND #F0
1361	99 00 1D	STA 1D00,Y
1364	9B	TYA
1365	0A	ASL
1366	0A	ASL
1367	0A	ASL
1368	0A	ASL
1369	99 00 1E	STA 1E00A,Y
136C	0B	INY
136D	D0 EF	DNE 135E
136F	4C 07 16	JMP 1607
1372	00	BRK
1373	00	BRK
1374	00	BRK
1375	00	BRK
1376	00	BRK
1377	00	BRK
1378	00	BRK
1379	00	BRK
137A	00	BRK

Tabelle
zur
Trennung
von
Low- und
High-Byte
generieren

137B	00	BRK
137C	00	BRK
137D	00	BRK
137E	00	BRK
137F	00	BRK
1380	00	BRK
1381	00	BRK
1382	00	BRK
1383	04 00	*SKP 00
1385	00	BRK
1386	00	BRK
1387	00	BRK
1388	00	BRK
1389	00	BRK
138A	00	BRK
138B	0B	PHP
138C	00	BRK
138D	00	BRK
138E	00	BRK
138F	00	BRK
1390	00	BRK
1391	00	BRK
1392	00	BRK
1393	40	RTI
1394	00	BRK
1395	00	BRK
1396	00	BRK
1397	00	BRK
1398	00	BRK
1399	00	BRK
139A	00	BRK

,139B	80 20	*SKP 20
,139D	B9 1B C9	LDA C91BA,Y
,13A0	03 F0	*SLO (F0,X)
,13A2	03 4C	*SLO (4C,X)
,13A4	6A	ROR
,13A5	1B 4C AB	*SLO AB4CA,Y
,13A8	1B C6 BC	*SLO BCC6A,Y
,13AB	4C D4 10	JMP 10D4

,13AE	A2 17	LDX #17
,13B0	20 FF E9	JSR E9FF
,13B3	A0 01	LDY #01
,13B5	60	RTS

,13B6	00	BRK
-------	----	-----

,13B7	00	BRK
-------	----	-----

,13B8	00	BRK
-------	----	-----

,13B9	00	BRK
-------	----	-----

,13BA	00	BRK
-------	----	-----

,13BB	00	BRK
-------	----	-----

,13BC	00	BRK
-------	----	-----

,13BD	00	BRK
-------	----	-----

,13BE	00	BRK
-------	----	-----

,13BF	00	BRK
-------	----	-----

,13C0	00	BRK
-------	----	-----

,13C1	00	BRK
-------	----	-----

,13C2	00	BRK
-------	----	-----

,13C3	00	BRK
-------	----	-----

,13C4	80 00	LDA #00
-------	-------	---------

,13C6	8D 0B DD	STA DD0B
-------	----------	----------

,13C9	60	RTS
-------	----	-----

,13CA	00	BRK
-------	----	-----

,13CB	00	BRK
-------	----	-----

,13CC	40 20 10	EOR 572D
-------	----------	----------

,13CF	01 05	DRA 1C
-------	-------	--------

,13D1	01 12	DRA (12,X)
-------	-------	------------

,13D3	00	BRK
-------	----	-----

,13D4	01 50	DRA (50,X)
-------	-------	------------

,13D6	45 2D	EOR 2D
-------	-------	--------

,13D8	4D 00 00	EOR 0000
-------	----------	----------

,13DB	00	BRK
-------	----	-----

,13DC	00	BRK
-------	----	-----

,13DD	00	BRK
-------	----	-----

,13DE	00	BRK
-------	----	-----

,13DF	00	BRK
-------	----	-----

,13E0	00	BRK
-------	----	-----

,13E1	10 20	BPL 1403
-------	-------	----------

,13E3	30 40	BMI 1425
-------	-------	----------

,13E5	50 60	BVC 1447
-------	-------	----------

,13E7	70 80	BVS 1369
-------	-------	----------

,13E9	90 A0	BCC 138B
-------	-------	----------

,13EB	B0 C0	BCS 13AD
-------	-------	----------

,13ED	D0 E0	BNE 13CF
-------	-------	----------

,13EF	F0 B5	BEQ 1376
-------	-------	----------

,13F1	A7 AA	*LAX AA
-------	-------	---------

,13F3	BD 57 14	LDA 1457A,X
-------	----------	-------------

,13F6	85 A9	STA A9
-------	-------	--------

,13F8	BD 5B 14	LDA 145BA,X
-------	----------	-------------

,13FB	85 AA	STA AA
-------	-------	--------

,13FD	A0 00	LDY #00
-------	-------	---------

,13FF	B1 A9	LDA (A9),Y
-------	-------	------------

,1401	09 80	DRA #80
-------	-------	---------

,1403	91 A9	STA (A9),Y
-------	-------	------------

,1405	20 F2 0F	JSR OFF2
-------	----------	----------

,1408	C9 30	CMP #30
-------	-------	---------

,140A	90 F9	BCC 1405
-------	-------	----------

,140C	A6 A7	LDX A7
-------	-------	--------

,140E	DD 5F 14	LDA 145FA,X
-------	----------	-------------

,1411	B0 F2	BCS 1405
-------	-------	----------

,1413	A0 00	LDY #00
-------	-------	---------

,1415	91 A9	STA (A9),Y
-------	-------	------------

,1417	38	SEC
-------	----	-----

,1418	E9 30	SBC #30
-------	-------	---------

,141A	85 A9	STA A9
-------	-------	--------

,141C	C8	INY
-------	----	-----

,141D	B1 A9	LDA (A9),Y
-------	-------	------------

,141F	09 80	DRA #80
-------	-------	---------

,1421	91 A9	STA (A9),Y
-------	-------	------------

,1423	20 F2 0F	JSR OFF2
-------	----------	----------

,1426	48	PHA
-------	----	-----

,1427	A5 A7	LDA A7
-------	-------	--------

,1429	0A	ASL
-------	----	-----

,142A	0A	ASL
-------	----	-----

,142B	1B	CLC
-------	----	-----

,142C	65 A7	ADC A7
-------	-------	--------

,142E	65 A8	ADC A8
-------	-------	--------

,1430	AA	TAX
-------	----	-----

,1431	68	PLA
-------	----	-----

,1432	DD 63 14	CMP 1463A,X
-------	----------	-------------

,1435	90 EC	BCC 1423
-------	-------	----------

,1437	DD 77 14	CMF 1477A,X
-------	----------	-------------

,143A	B0 E7	BCS 1423
-------	-------	----------

,143C	A0 01	LDY #01
-------	-------	---------

,143E	91 A9	STA (A9),Y
-------	-------	------------

,1440	38	SEC
-------	----	-----

,1441	E9 30	SBC #30
-------	-------	---------

,1443	AA	TAX
-------	----	-----

,1444	A5 A8	LDA A8
-------	-------	--------

14

1446	0A	ASL		148B	JSR v. 1463	LDA #34	
1447	0A	ASL		148D	B5 01	STA 01	
1448	0A	ASL		148F	A0 43	LDY #43	
1449	B5 A7	STA A7		1491	B9 BC 03	LDA 03BCA, Y	umkopieren
144B	A5 AB	LDA AB		1494	91 A9	STA (A9), Y	
144D	0A	ASL		1496	BB	DEY	
144E	18	CLC		1497	10 FB	BPL 1491	
144F	B5 A7	ADD A7		1499	A0 00	LDY #00	
1451	B6 AB	STX AB		149B	B9 00 04	LDA 0400A, Y	
1453	18	CLC		149E	91 A7	STA (A7), Y	
1454	B5 AB	ADC AB		14A0	CB	INY	
1456	60	RTS		14A1	D0 FB	BNE 149B	
1457	D8	CLD		14A3	A9 37	LDA #37	
1458	B5 B3	ADC B3		14A5	B5 01	STA 01	
145A	0B	PHP		14A7	60	RTS	
145B	04 06	*SKP 06		14AB	A9 34	LDA #34	
145D	06 07	ASL 07		14AA	B5 01	STA 01	
145F	32	*CRA		14AC	A0 43	LDY #43	
1460	35 35	AND 35A, X		14AE	B1 A9	LDA (A9), Y	
1462	32	*CRA		14B0	99 BC 03	STA 03BCA, Y	
1463	31 30	AND (30), Y		14B3	BB	DEY	
1465	00	BRK		14B4	10 FB	BPL 14AE	
1466	00	BRK		14B6	A0 00	LDY #00	
1467	00	BRK		14B8	B1 A7	LDA (A7), Y	
1468	31 30	AND (30), Y		14BA	99 00 04	STA 0400A, Y	
146A	30 30	BMI 149C		14BD	CB	INY	
146C	30 31	BMI 149F		14BE	D0 FB	BNE 14BB	
146E	30 30	BMI 14A0		14C0	A9 37	LDA #37	
1470	30 30	BMI 14A2		14C2	B5 01	STA 01	
1472	38	SEC		14C4	60	RTS	
1473	30 00	BMI 1475		14C5	JSR v. 1765 2	JSR 121D	Stepper motor schneller
1475	00	BRK		14C8	A2 0F	LDX #0F	
1476	00	BRK		14CA	20 C9 FF	JSR FFC9	
1477	3A	*SKP		14CD	A9 49	LDA #49	"Initialize"
1478	31 00	AND (00), Y		14CF	20 D2 FF	JSR FFD2	
147A	00	BRK		14D2	20 CC FF	JSR FECC	CLRC H
147B	00	BRK		14D5	A2 0F	LDX #0F	Status abfragen:
147C	3A	*SKP		14D7	20 C6 FF	JSR FFC6	Byte holen
147D	3A	*SKP		14DA	20 CF FF	JSR FF0F	merken
147E	3A	*SKP		14DD	4B	PHA	Byte holen
147F	3A	*SKP		14DE	20 CF FF	JSR FF0F	CR
1480	31 3A	AND (3A), Y		14E1	C9 0D	CMP #0D	nein
1482	3A	*SKP		14E3	D0 F9	BNE 14DE	
1483	3A	*SKP		14E5	20 CC FF	JSR FFCC	
1484	3A	*SKP		14E8	A9 0F	LDA #0F	
1485	31 3A	AND (3A), Y		14EA	20 C3 FF	JSR FFC3	close
1487	32	*CRA		14ED	6B	PLA	Status zurücksetzen
1488	00	BRK		14EE	C9 30	CMP #30	"0"?
1489	00	BRK		14F0	F0 03	BEQ 14F5	ja
148A	00	BRK		14F2	4C AA 10	JMP 10AA	fehle
148B	00	BRK		14F5	20 44 11	JSR 1144	SS15 bis E15 nach 6300
148C	00	BRK		14FB	20 06 12	JSR 1206	Programm überkopieren
148D	00	BRK		14FD	A9 93	LDA #93	Bildschirm löschen
148E	00	BRK		14FD	20 D2 FF	JSR FFD2	(nochmal!?)
148F	00	BRK		1500	A6 FE	LDX FE	
1490	00	BRK		1502	E4 FD	CPX FD	
1491	00	BRK		1504	B0 06	BCS 150C	
1492	00	BRK		1506	A4 FD	LDY FD	

1506	84 FE	STY FE		158D	A9 00	LDA #00	
150A	86 FD	STX FD		158F	85 8C	STA 8C	
150D	E4 FE	INC FE		1591	A8 8D	LDX 8D	
150E	A2 0A	LDX #0A		1593	86 FB	STX FB	
1510	40 60	LDY #00		1595	20 2D 10	JSR 102D	Diskwechsel
1512	20 0C E5	JSR E50C	Cursor setzen	1598	A9 FA	LDA #FA	
1515	78	SEI		159A	85 AB	STA AB	
1516	A9 00	LDA #00		159C	A9 1F	LDA #1F	
1518	85 61	STA 61		159E	85 AC	STA AC	
151A	85 62	STA 62		15A0	A9 01	LDA #01	
151C	A5 FD	LDA FD		15A2	20 93 12	JSR 1293	senden
151E	85 FA	STA FA		15A5	A9 00	LDA #00	
1520	EA	NOP		15A7	85 8B	STA 8B	
1521	EA	NOP		15A9	A9 03	LDA #03	
1522	EA	NOP		15AB	20 93 12	JSR 1293	senden
1523	EA	NOP		15AE	A5 FB	LDA FB	
1524	AD 0F DD	LDA DD0F		15B0	20 93 12	JSR 1293	senden
1527	29 7F	AND #7F		15B3	A6 FB	LDX FB	
1529	8D 0F DD	STA DD0F		15B5	BD 05 11	LDA 1105A,X	
152C	AD 0E DD	LDA DD0E		15B8	D0 03	BNE 15BD	
152F	09 80	ORA #80		15BA	20 BA 18	JSR 18BA	
1531	8D 0E DD	STA DD0E		15BD	20 49 11	JSR 1149	
1534	A9 00	LDA #00		15C0	E6 FB	INC FB	
1536	8D 0B DD	STA DD0B		15C2	E6 8B	INC 8B	
1539	8D 0A DD	STA DD0A		15C4	A5 FB	LDA FB	
153C	8D 09 DD	STA DD09		15C6	05 FA	CMP FA	
153F	8D 0B DD	STA DD0B		15C8	D0 DF	BNE 15A9	
1542	A2 28	LDX #28		15CA	85 8E	STA 8E	
1544	9D 05 11	STA 1105,X	=0 löschen	15CC	E6 8C	INC 8C	
1547	CA	DEX		15CE	A5 8C	LDA 8C	
1548	10 FA	BPL 1544		15D0	C5 8F	CMP 8F	
154A	A9 00	LDA #00		15D2	D0 BD	BNE 1591	
154C	85 8B	STA 8B		15D4	A5 8E	LDA 8E	
154E	85 8C	STA 8C		15D6	C5 FE	CMP FE	
1550	20 10 10	JSR 1010	Diskwechsel	15D8	F0 03	BEQ 15DB	
1553	A9 FA	LDA #FA		15DA	4C 4A 15	JMP 154A	
1555	85 AB	STA AB					
1557	A9 1F	LDA #1F		15DD	20 03 0E	JSR 0E03	
1559	85 AC	STA AC		15E0	0D 0D 0D	ORA 0D0D	
155B	A9 01	LDA #01		15E3	4B	***	
155D	20 93 12	JSR 1293	Block senden	15E4	4F 50 49	*SRE 4950	
1560	A5 FA	LDA FA		15E7	45 52	EOR 52	
1562	85 FB	STA FB		15E9	56 4F	LSR 4FA,X	
1564	20 5B 11	JSR 115B		15EB	52	*CRA	
1567	A9 02	LDA #02		15EC	47 41	*SRE 41	
1569	20 93 12	JSR 1293	Block senden	15EE	4E 47 20	LSR 2047	
156C	A5 FB	LDA FB		15F1	49 53	EOR #53	
156E	20 93 12	JSR 1293	Block senden	15F3	54 20	*SKP 20	
1571	20 39 18	JSR 1839	Spur lesen	15F5	42	*CRA	
1574	20 49 11	JSR 1149	AB/C evtl.	15F6	45 45	EOR 45	
1577	E6 FB	INC FB		15F8	4E 44 45	LSR 4544	
1579	E6 8B	INC 8B		15FB	54 2E	*SKP 2E	
157B	A5 FB	LDA FB	nächster Track	15FD	00	BRK	
157D	C5 FE	CMP FE	= Endtrack				
157F	F0 06	BEQ 1587		15FE	78	SEI	
1581	A6 8B	LDX 8B		15FF	A9 00	LDA #00	
1583	D0 09	BNE 1587		1601	20 93 12	JSR 1293	
1585	D0 E0	BNE 1587		1604	4C A9 13	JMP 13A9	
1587	A6 FA	LDX FA					
1589	86 8D	STX 8D		1607	87 15	LDA #15	
158B	85 FA	STA FA		1609	8D 48 D0	STA D018	Großschrift

1600	A9 01	LDA #01
160E	85 FD	STA FE
1610	85 FD	STA FD
1612	85 8F	STA 8F
1614	A9 0F	LDA #0F
1616	2C 20 D0	BIT D020 <i>patched!</i>
1619	8D 21 D0	STA D021
161C	A9 08	LDA #08
161E	85 F9	STA F9
1620	A9 23	LDA #23
1622	85 FE	STA FE
1624	20 03 0E	JSR 0E03 <i>PRIMM</i>
1627	93	***
1628	0E 97 20	ASL 2097
162B	20 20 2A	JSR 2A20
162E	2A	ROL
162F	2A	ROL
1630	2A	ROL
1631	20 CD 41	JSR 41CD
1634	53 54	*SRE (54), Y
1636	45 52	EOR 52
1638	20 2D 20	JSR 202D
163B	63 4F	*DCF (4F, X)
163D	50 59	EOR 1698
163F	20 D5 C8	JSR C8D5
1642	D3 20	*DCF (20), Y
1644	20 56 20	JSR 2056
1647	32	*CRA
1648	2E 30 20	ROL 2030
164B	2A	ROL
164C	2A	ROL
164D	2A	ROL
164E	2A	ROL
164F	20 20 0D	JSR 0D20
1652	0D 20 20	ORA 2020
1655	20 CB 4F	JSR 4FCB
1658	4D 50 4C	EOR 4C50
165B	45 54	EOR 54
165D	54 2D	*SKP 2D
165F	0D	***
1660	4F 50 49	*SRE 4950
1663	45 20	EOR 20
1665	49 4E	EOR #4E
1667	20 4E 55	JSR 554E
166A	52	*CRA
166B	20 35 32	JSR 3235
166E	20 D3 45	JSR 45D3
1671	4B	***
1672	55 4E	EOR 4E4, X
1674	44 45	*SKP 45
1676	4E 20 20	LSR 2020
1679	0D 0D 0D	ORA 0D0D
167C	20 12 C1	JSR C112
167F	92	*CRA
1680	4E 5A 41	LSR 415A
1683	48	PHA
1684	4C 20 CB	JMP CB20
1687	4F 50 49	*SRE 4950
168A	45 4E	EOR 4E
168C	3A	*SKP

168D	0D 0D 20	ORA 200D
1690	12	*CRA
1691	C2 92	*SKP 92
1693	45 46	EOR 46
1695	45 48	EOR 48
1697	4C 20 53	JMP 5320
169A	45 4E	EOR 4E
169C	44 45	*SKP 45
169E	4E 0D 0D	LSR 0D0D
16A1	20 12 C4	JSR C412
16A4	52	*CRA
16A5	49 52	EOR 52
16A7	45 48	EOR 48
16A9	54 4F	*SKP 4F
16AB	52	*CRA
16AC	59 20 5A	EOR 5A20A, Y
16AF	45 49	EOR 49
16B1	47 45	*SRE 45
16B3	4E 0D 0D	LSR 0D0D
16B6	20 12 4B	JSR 4B12
16B9	92	*CRA
16BA	4F 50 49	*SRE 4950
16BD	45 52	EOR 52
16BF	45 4E	EOR 4E
16C1	0D 0D 20	ORA 200D
16C4	12	*CRA
16C5	56 92	LSR 924, X
16C7	45 52	EOR 52
16C9	49 46	EOR #46
16CB	59 20 44	EOR 4420A, Y
16CE	49 53	EOR #53
16D0	4B	***
16D1	0D 0D 20	ORA 200D
16D4	12	*CRA
16D5	D3 92	*DCF (92), Y
16D7	54 41	*SKP 41
16D9	52	*CRA
16DA	54 54	*SKP 54
16DC	52	*CRA
16DD	41 43	EOR (43, X)
16DE	4B	***
16E0	3A	*SKP
16E1	0D 0D 20	ORA 200D
16E4	12	*CRA
16E5	45 92	CMP 92
16E7	4E 44 54	LSR 5444
16EA	52	*CRA
16EB	41 43	EOR (43, X)
16ED	4B	***
16EE	3A	*SKP
16EF	0D 0D 20	ORA 200D
16F2	12	*CRA
16F3	C7 92	*DCF 92
16F5	45 52	EOR 52
16F7	41 45	EOR (45, X)
16F9	54 45	*SKP 45
16FB	4E 55 4D	LSR 4D55
16FE	4D 45 52	EOR 5245
1701	3A	*SKP
1702	0D 0D 0D	ORA 0D0D

,1705	0D 20 12	ORA 1220	
,1708	D0 92	BNE 169C	
,170A	52	*CRA	
,170B	4F 47 52	*SRE 5247	
,170E	41 40	EDR (4D,X)	Text
,1710	4D 45 4E	EDR 4E45	
,1713	44 45	*SKP 45	
,1715	00	BRK	
,1716	EA	NOP	patched?
,1717	20 5E 1C	JSR 1C5E	
,171A	A2 0F	LDX #0F	
,171C	A0 0D	LDY #0D	
,171E	20 0C E5	JSR E50C	cursor sehen
,1721	A5 FD	LDA FD	
,1723	20 24 0E	JSR 0E24	
,1726	A2 11	LDX #11	
,1728	A0 0B	LDY #0B	
,172A	20 0C E5	JSR E50C	cursor sehen
,172D	A5 FE	LDA FE	
,172F	20 24 0E	JSR 0E24	
,1732	A2 13	LDX #13	
,1734	A0 10	LDY #10	
,1736	20 0C E5	JSR E50C	cursor sehen
,1739	A5 F9	LDA F9	
,173B	20 24 0E	JSR 0E24	
,173E	A2 05	LDX #05	
,1740	A0 10	LDY #10	
,1742	20 0C E5	JSR E50C	cursor sehen
,1745	A5 8F	LDA 8F	
,1747	20 24 0E	JSR 0E24	
,174A	20 F2 0F	JSR 0FF2	
,174D	C9 42	CMP #42	
,174F	D0 06	BNE 1757	
,1751	20 F3 1A	JSR 1AF3	
,1754	4C 24 16	JMP 1624	
,1757	C9 44	CMP #44	
,1759	D0 06	BNE 1761	
,175B	20 1F 1B	JSR 1B1F	
,175E	4C 24 16	JMP 1624	
,1761	C9 4B	CMP #4B	"K"
,1763	D0 06	BNE 176B	nein
,1765	20 05 14	JSR 1405	
,1768	4C 24 16	JMP 1624	Hein
,176B	C9 53	CMP #53	
,176D	D0 0A	BNE 1779	
,176F	A9 01	LDA #01	
,1771	20 F0 13	JSR 13F0	
,1774	85 FD	STA FD	
,1776	4C 4A 17	JMP 174A	
,1779	C9 45	CMP #45	
,177B	D0 0A	BNE 1787	
,177D	A9 02	LDA #02	
,177F	20 F0 13	JSR 13F0	
,1782	85 FE	STA FE	
,1784	4C 4A 17	JMP 174A	

,1787	C9 50	CMP #50	
,1789	D0 03	BNE 178E	
,178B	4C 44 E5	JMP E544	
,178E	C9 47	CMP #47	
,1790	D0 0A	BNE 179C	
,1792	A9 03	LDA #03	
,1794	20 F0 13	JSR 13F0	
,1797	85 F9	STA F9	
,1799	4C 4A 17	JMP 174A	
,179C	C9 41	CMP #41	
,179E	D0 0A	BNE 17AA	
,17A0	A9 00	LDA #00	
,17A2	20 F0 13	JSR 13F0	
,17A5	85 8F	STA 8F	
,17A7	4C 4A 17	JMP 174A	
,17AA	C9 56	CMP #56	
,17AC	D0 06	BNE 17B4	
,17AE	20 EA 18	JSR 18EA	
,17B1	4C 24 16	JMP 1624	
,17B4	C9 46	CMP #46	
,17B6	D0 92	BNE 174A	
,17B8	20 58 1C	JSR 1C58	
,17BB	4C 4A 17	JMP 174A	
,17BE	00	BRK	
,17BF	0B	PHP	
,17C0	0B	PHP	
,17C1	0B	PHP	
,17C2	0B	PHP	
,17C3	0B	PHP	
,17C4	0B	PHP	
,17C5	0B	PHP	
,17C6	0B	PHP	
,17C7	0B	PHP	
,17C8	0B	PHP	
,17C9	0B	PHP	
,17CA	0B	PHP	
,17CB	0B	PHP	
,17CC	0B	PHP	
,17CD	09 09	ORA #09	
,17CE	09 09	ORA #09	
,17D1	09 09	ORA #09	
,17D3	09 09	ORA #09	
,17D5	09 09	ORA #09	
,17D7	0A	ASL	
,17D8	0A	ASL	
,17D9	0A	ASL	
,17DA	0A	ASL	
,17DB	0A	ASL	
,17DC	0A	ASL	
,17DD	0A	ASL	
,17DE	0A	ASL	
,17DF	0A	ASL	
,17E0	0A	ASL	
,17E1	0A	ASL	
,17E2	0A	ASL	

17E3	0A	ASL			1837	15 15	ORA	15A,X	Track empf
17E4	0A	ASL			1839	JOP 2F 1521	JSR	112F 2	
17E5	0A	ASL			183C	A9 04	LDA	#04	
17E6	0A	ASL			183E	20 93 12	JSR	1283	senden
17E7	00	BRK			1841	20 31 12	JSR	1231	Block empfangen
17E8	94 94	STY	94A,X		1844	AA	TAX		
17E9	94 94	STY	94A,X		1845	30 22	DHI	1869	Fehler
17EC	94 94	STY	94A,X		1847	48	PHA		
17EE	94 94	STY	94A,X		1848	20 30 12	JSR	123C	GCE-Block empf
17F0	94 94	STY	94A,X		184B	68	PLA		
17F2	94 94	STY	94A,X		184C	0A	ASL		
17F4	94 94	STY	94A,X		184D	AA	TAX		
17F6	94 94	STY	94A,X		184E	BD 90 18	LDA	189C,X	
17F8	94 0C	STY	0CA,X		1851	18	CLC		
17FA	0C 0C 0C	*SKP	0C0C		1852	65 AB	ADC	AB	
17FD	0C 0C 0C	*SKP	0C0C		1854	85 A7	STA	A7	
1800	08	INY			1856	85 A9	STA	A9	
1801	08	INY			1858	BD 91 18	LDA	1891,X	
1802	08	INY			185B	65 AC	ADC	AC	
1803	08	INY			185D	85 AB	STA	AB	
1804	08	INY			185F	69 01	ADC	#01	
1805	08	INY			1861	85 AA	STA	AA	
1806	84 84	STY	84		1863	20 8B 14	JSR	148B	in Speicher kopieren
1808	84 84	STY	84		1866	4C 41 18	JMP	1841	
180A	84 84	STY	84		1869	C9 F2	CMP	#F2	
180C	84 84	STY	84		186B	D0 03	BNE	1870	
180E	84 84	STY	84		186D	4C 4F 10	JMP	104F	
1810	00	BRK			1870	C9 F1	CMP	#F1	
1811	1A	*SKP			1872	D0 03	BNE	1877	
1812	1A	*SKP			1874	4C 37 10	JMP	1037	
1813	1A	*SKP			1877	C9 FC	CMP	#FC	
1814	1A	*SKP			1879	D0 05	BNE	1880	
1815	1A	*SKP			187B	A6 FB	LDX	FB	
1816	1A	*SKP			187D	FE 05 11	INC	1105,X	
1817	1A	*SKP			1880	A0 00	LDY	#00	
1818	1A	*SKP			1882	20 31 12	JSR	1231	Block empfangen
1819	1A	*SKP			1885	C9 F3	CMP	#F3	
181A	1A	*SKP			1887	F0 06	BEQ	188F	
181B	1A	*SKP			1889	20 87 10	JSR	1087	
181C	1A	*SKP			188C	4C 82 18	JMP	1882	
181D	1A	*SKP			188F	60	RTS		
181E	1A	*SKP			1890	00	BRK		
181F	1A	*SKP			1891	00	BRK		
1820	1A	*SKP			1892	44 01	*SKP	01	
1821	1A	*SKP			1894	88	DEY		
1822	18	CLC			1895	02	*GRA		
1823	18	CLC			1896	CC 03 10	CPY	1003	
1824	18	CLC			1899	05 54	ORA	54	
1825	18	CLC			189B	06 98	ASL	98	
1826	18	CLC			189D	07 DC	*SLO	DC	
1827	18	CLC			189F	08	PHP		
1828	18	CLC			18A0	20 0A 64	JSR	640A	
1829	16 16	ASL	16A,X		18A3	0B	***		
182B	16 16	ASL	16A,X		18A4	A8	TAY		
182D	16 16	ASL	16A,X						
182F	15 15	ORA	15A,X						
1831	15 15	ORA	15A,X						
1833	15 15	ORA	15A,X						
1835	15 15	ORA	15A,X						

,18A5	00 EC 0D	*SKP	ODEC
,18A8	30 OF	BMI	18B9
,18AA	74 10	*SKP	10
,18AC	B8	CLV	
,18AD	11 FC	DRA (FC),Y	
,18AF	12	*CRA	
,18B0	40	RTI	
,18B1	14 B4	*SKP	84
,18B3	15 C8	DRA	CBA,X
,18B5	16 0C	ASL	0CA,X
,18B7	18	CLC	
,18B8	50 19	BVC	18D3
,18BA	48 1F 158A	JSR	112F
,18BD	85 6D	STA	6D
,18BF	A9 FF	LDA	#FF
,18C1	85 6C	STA	6C
,18C3	20 1C 13	JSR	131C
,18C6	0A	ASL	
,18C7	AA	TAX	
,18C8	BD 90 1B	LDA	1890A,X
,18CB	1B	CLC	
,18CC	65 AB	ADC	AB
,18CE	85 A7	STA	A7
,18D0	85 A9	STA	A9
,18D2	BD 91 1B	LDA	1891A,X
,18D5	65 AC	ADC	AC
,18D7	85 AB	STA	AB
,18D9	69 01	ADC	#01
,18DB	85 AA	STA	AA
,18DD	20 AB 14	JSR	14AB
,18E0	20 A0 12	JSR	12A0
,18E3	C6 6D	DEC	6D
,18E5	D0 DC	BNE	18C3
,18E7	60	RTS	
,18E8	EA	NOP	
,18E9	EA	NOP	
,18EA	20 1D 12	JSR	121D
,18ED	A2 OF	LDX	#OF
,18EF	20 C9 FF	JSR	FFC9
,18F2	A9 49	LDA	#49
,18F4	20 D2 FF	JSR	FFD2
,18F7	20 CC FF	JSR	FFCC
,18FA	A2 OF	LDX	#OF
,18FC	20 C6 FF	JSR	FFC6
,18FF	20 CF FF	JSR	FFCF
,1902	48	PHA	
,1903	20 CF FF	JSR	FFCF
,1906	C9 0D	CMF	#0D
,190B	D0 F9	BNE	1903
,190A	20 CC FF	JSR	FFCC
,190D	A9 OF	LDA	#OF
,190F	20 C3 FF	JSR	FFC3
,1912	68	PLA	
,1913	C9 30	CMF	#30
,1915	F0 03	BEQ	191A
,1917	4C AA 10	JMP	10AA
,191A	20 64 11	JSR	1164
,191D	EA	NOP	

,191E	A9 D0	LDA	#D0
,1920	BD 27 36	STA	3627
,1923	A9 05	LDA	#05
,1925	BD 28 36	STA	3628
,1928	20 96 11	JSR	1196
,192B	A9 93	LDA	#93
,192D	20 D2 FF	JSR	FFD2
,1930	20 C2 OF	JSR	0FC2
,1933	A6 FE	LDX	FE
,1935	E4 FD	CPX	FD
,1937	B0 06	BDS	193F
,1939	A4 FD	LDY	FD
,193B	84 FE	STY	FE
,193D	B6 FD	STX	FD
,193F	E6 FE	INC	FE
,1941	A9 00	LDA	#00
,1943	B5 61	STA	61
,1945	B5 62	STA	62
,1947	A5 FD	LDA	FD
,1949	B5 FA	STA	FA
,194B	20 D6 OF	JSR	0FD6
,194E	20 B1 19	JSR	19B1
,1951	78	SEI	
,1952	A9 01	LDA	#01
,1954	20 93 12	JSR	1293
,1957	A9 02	LDA	#02
,1959	20 93 12	JSR	1293
,195C	A5 FA	LDA	FA
,195E	20 93 12	JSR	1293
,1961	20 90 1A	JSR	1A90
,1964	E6 FA	INC	FA
,1966	A5 FA	LDA	FA
,1968	C5 FE	CMF	FE
,196A	D0 EB	BNE	1957
,196C	A9 00	LDA	#00
,196E	20 93 12	JSR	1293
,1971	A2 18	LDX	#18
,1973	A0 01	LDY	#01
,1975	20 0C E5	JSR	E50C
,1978	20 03 0E	JSR	0E03
,197B	D6 45	DEC	45A,X
,197D	52	*CRA	
,197E	49 46	EOR	#46
,1980	59 20 49	EOR	4920A,Y
,1983	53 54	*SRE	(54),Y
,1985	20 42 45	JSR	4542
,1988	45 4E	EOR	4E
,198A	44 45	*SKP	45
,198C	54 2E	*SKP	2E
,198E	20 D7 45	JSR	45D7
,1991	49 54	EOR	#54
,1993	45 52	EOR	52
,1995	20 4D 49	JSR	494D
,1998	54 20	*SKP	20
,199A	D4 41	*SKP	41
,199C	53 54	*SRE	(54),Y
,199E	45 20	EOR	20
,19A0	21 00	AND	(00,X)
,19A2	20 E9 OF	JSR	0FE9
,19A5	58	CLI	
,19A6	20 F2 OF	JSR	0FE2

19A9	A9 03	LDA #03	1A17	BD 75 1A	LDA 1A75A,X
19AB	BD 00 DD	STA DD00	1A1A	85 AA	STA AA
19AE	C6 FE	DEC FE	1A1C	A4 A7	LDY A7
19B0	60	RTS	1A1E	88	DEY
19B1	20 03 0E	JSR 0E03	1A1F	A9 2E	LDA #2E
19B4	93	***	1A21	91 A9	STA (A9),Y
19B5	11 30	ORA (30),Y	1A23	CA	DEX
19B7	30 30	BMI 19E9	1A24	10 EC	BPL 1A12
19B9	30 30	BMI 19EB	1A26	C6 A7	DEC A7
19BB	30 30	BMI 19ED	1A28	A5 A7	LDA A7
19BD	30 30	BMI 19EF	1A2A	D0 DF	BNE 1A0B
19BF	31 31	AND (31),Y	1A2C	20 8A 1A	JSR 1A8A
19C1	31 31	AND (31),Y	1A2F	9D FF 03	STA 03FFA,X
19C3	31 31	AND (31),Y	1A32	CA	DEX
19C5	31 31	AND (31),Y	1A33	E4 FA	CPX FA
19C7	31 31	AND (31),Y	1A35	B0 F8	BCS 1A2F
19C9	32	*CRA	1A37	60	RTS
19CA	32	*CRA	1A3B	14 14	*SKP 14
19CB	32	*CRA	1A3A	14 14	*SKP 14
19CC	32	*CRA	1A3C	14 14	*SKP 14
19CD	32	*CRA	1A3E	14 14	*SKP 14
19CE	32	*CRA	1A40	14 14	*SKP 14
19CF	32	*CRA	1A42	14 14	*SKP 14
19D0	32	*CRA	1A44	14 14	*SKP 14
19D1	32	*CRA	1A46	14 14	*SKP 14
19D2	32	*CRA	1A48	14 12	*SKP 12
19D3	33 33	*RLA (33),Y	1A4A	12	*CRA
19D5	33 33	*RLA (33),Y	1A4B	12	*CRA
19D7	33 33	*RLA (33),Y	1A4C	12	*CRA
19D9	33 33	*RLA (33),Y	1A4D	12	*CRA
19DB	33 33	*RLA (33),Y	1A4E	12	*CRA
19DD	34 31	*SKP 31	1A4F	12	*CRA
19DE	32	*CRA	1A50	11 11	ORA (11),Y
19E0	33 34	*RLA (34),Y	1A52	11 11	ORA (11),Y
19E2	35 36	AND 36A,X	1A54	11 11	ORA (11),Y
19E4	37 38	*RLA 38A,X	1A56	10 10	BPL 1A68
19E6	39 30 31	AND 3130A,Y	1A58	10 10	BPL 1A6A
19E9	32	*CRA	1A5A	10 10	BPL 1A6C
19EA	33 34	*RLA (34),Y	1A5C	10 10	BPL 1A6E
19EC	35 36	AND 36A,X	1A5E	10 10	BPL 1A70
19EE	37 38	*RLA 38A,X	1A60	78	SEI
19F0	39 30 31	AND 3130A,Y	1A61	A0 C8	LDY #C8
19F3	32	*CRA	1A63	F0 18	BEQ 1A7D
19F4	33 34	*RLA (34),Y	1A65	40	RTI
19F6	35 36	AND 36A,X	1A66	68	PLA
19F8	37 38	*RLA 38A,X	1A67	90 B8	BCC 1A21
19FA	39 30 31	AND 3130A,Y	1A69	E0 08	CPX #08
19FD	32	*CRA	1A6B	30 58	BMI 1A05
19FE	33 34	*RLA (34),Y	1A6D	80 A8	*SKP A8
1A00	35 36	AND 36A,X	1A6F	D0 F8	BNE 1A69
1A02	37 38	*RLA 38A,X	1A71	20 48 70	JSR 7048
1A04	39 30 00	AND 0030A,Y	1A74	98	TYA
1A07	A9 28	LDA #28	1A75	04 04	*SKP 04
1A09	85 A7	STA A7	1A77	04 04	*SKP 04
1A0B	A6 A7	LDX A7	1A79	05 05	ORA 05
1A0D	CA	DEX	1A7B	05 05	ORA 05
1A0E	BD 38 1A	LDA 1A38A,X	1A7D	05 05	ORA 05
1A11	AA	TAX	1A7F	06 06	ASL 06
1A12	BD 60 1A	LDA 1A60A,X	1A81	06 06	ASL 06
1A15	85 A9	STA A9			

,1A83	06 06	ASL	06
,1A85	06 07	ASL	07
,1A87	07 07	*SLD	07
,1A89	07 A6	*SLD	A6
,1A8B	FE CA A9	INC	A9CAA,X
,1A8E	2A	RDL	
,1A8F	60	RTS	

,1A90	A9 04	LDA	#04
,1A92	20 93 12	JSR	1293
,1A95	20 31 12	JSR	1231
,1A98	AA	TAX	
,1A99	30 03	BMI	1A9E
,1A9B	4C 95 1A	JMP	1A95

,1A9E	C9 F2	CMP	#F2
,1AA0	D0 03	BNE	1AA5
,1AA2	4C D2 1A	JMP	1AD2

,1AA5	C9 F1	CMP	#F1
,1AA7	D0 03	BNE	1AAC
,1AA9	4C CF 1A	JMP	1AEF

,1AAC	A0 00	LDY	#00
,1AAE	20 31 12	JSR	1231
,1AB1	C9 F3	CMP	#F3
,1AB3	F0 06	BEQ	1ABB
,1AB5	20 BC 1A	JSR	1ABC
,1ABB	4C AE 1A	JMP	1AAE

,1ABB	60	RTS	
-------	----	-----	--

,1ABC	AB	TAY	
,1ABD	B9 60 1A	LDA	1A60A,Y
,1AC0	B5 A9	STA	A9
,1AC2	B9 75 1A	LDA	1A75A,Y
,1AC5	B5 AA	STA	AA
,1AC7	A4 FA	LDY	FA
,1AC9	88	DEY	
,1ACA	A9 12	LDA	#12
,1ACC	91 A9	STA	(A9),Y
,1ACE	60	RTS	

,1ACF	A9 13	LDA	#13
,1AD1	2C A9 08	BIT	08A9
,1AD4	48	PHA	
,1AD5	A6 FA	LDX	FA
,1AD7	CA	DEX	
,1AD8	BD 38 1A	LDA	1A38A,X
,1ADB	AA	TAX	
,1ADC	BD 60 1A	LDA	1A60A,X
,1ADF	B5 A9	STA	A9
,1AE1	BD 75 1A	LDA	1A75A,X
,1AE4	B5 AA	STA	AA
,1AE6	A4 FA	LDY	FA
,1AE8	88	DEY	
,1AE9	68	FLA	
,1AEA	48	PHA	
,1AEB	91 A9	STA	(A9),Y
,1AED	CA	DEX	
,1AEE	10 EC	BPL	1ADC

,1AF0	68	FLA	
,1AF1	60	RTS	

,1AF2	EA	NOP	
,1AF3	20 AE 13	JSR	13AE
,1AF6	20 0C E5	JSR	E50C
,1AF9	20 03 0E	JSR	0E03
,1AFC	02 45	*SKP	45
,1AFE	46 45	LSR	45
,1B00	48	PHA	
,1B01	4C 3A 20	JMP	203A

,1B04	00	BRK	
-------	----	-----	--

,1B05	20 1D 12	JSR	121D
,1B08	A2 0F	LDX	#0F
,1B0A	20 C9 FF	JSR	FFC9
,1B0D	20 CF FF	JSR	FFCF
,1B10	20 D2 FF	JSR	FFD2
,1B13	C9 0D	CMP	#0D
,1B15	D0 F6	BNE	1B0D
,1B17	20 CE FF	JSR	FFCC
,1B1A	A9 0F	LDA	#0F
,1B1C	4C C3 FF	JMP	FFC3

,1B1F	A2 10	LDX	#10
,1B21	B5 60	LDA	60A,X
,1B23	9D EF 03	STA	03EFA,X
,1B26	CA	DEX	
,1B27	10 FB	BPL	1B21
,1B29	A9 9A	LDA	#9A
,1B2B	2C D2 FF	BIT	FFD2
,1B2E	2C CD BD	BIT	BDCD
,1B31	A9 1F	LDA	#1F
,1B33	2C D2 FF	BIT	FFD2
,1B36	A9 93	LDA	#93
,1B38	20 D2 FF	JSR	FFD2
,1B3B	A9 02	LDA	#02
,1B3D	A6 F9	LDX	F9
,1B3F	A0 00	LDY	#00
,1B41	20 BA FF	JSR	FFBA
,1B44	A2 B8	LDX	#B8
,1B46	A0 1B	LDY	#1B
,1B48	A9 01	LDA	#01
,1B4A	20 BD FF	JSR	FFBD
,1B4D	20 C0 FF	JSR	FFC0
,1B50	A2 02	LDX	#02
,1B52	20 C6 FF	JSR	FFC6
,1B55	20 CF FF	JSR	FFCF
,1B58	A5 90	LDA	90
,1B5A	D0 49	BNE	1BA5
,1B5C	20 CF FF	JSR	FFCF
,1B5F	A9 16	LDA	#16
,1B61	B5 8B	STA	8B
,1B63	C6 8B	DEC	8B
,1B65	D0 10	BNE	1B77
,1B67	4C 9C 13	JMP	139C

,1B6A	A2 02	LDX	#02
,1B6C	20 C6 FF	JSR	FFC6
,1B6F	A9 93	LDA	#93

NOP
NOP

NOF
NOF

NOF
NOF

NOP
NOP
NOP

NOF
NOF
NOF

NOF
NOF
NOF

NOF
NOF
NOF

NOP

NOF
NOF
NOF

NOF
NOF

NOF
NOF
NOF

NOF
NOF
NOF

NOF
NOF
EDF

EDF
BVC
+CPZ

```
LDX
STX
```

DE
BNE

LDY
SE

STA
LDY

STV
STV

LDY
LDY

BIT
RED

BI
ENE
T-14

* INU
 * GRE
 * DR

LD

FOR
DEBNL
LD

STY
IN

BNP
INN

```

,1C4B A5 31 LDA 31
,1C4A C9 0B CMP #0B
,1C4C 90 DA BCC 1C2B
,1C4E 4C 0C 03 JMP 030C

```

```

,1C51 FE 4D 2D INC 2D4DA,X
,1C54 45 50 EOR 50
,1C56 01 FF ORA (FF,X)
,1C58 A5 FC LDA FC
,1C5A 49 01 EOR #01
,1C5C 95 FC STA FC
,1C5E A2 15 LDX #15
,1C60 A0 00 LDY #00
,1C62 20 0C E5 JSR E50C
,1C65 20 03 0E JSR 0E03
,1C6B 20 12 C6 JSR C612
,1C6B 92 *CRA
,1C6C 4F 52 4D *SRE 4D52
,1C6F 41 54 EOR (54,X)
,1C71 49 45 EOR #45
,1C73 52 *CRA
,1C74 45 4E EOR 4E
,1C76 3A *SKP

```

```

,1C77 20 CA C1 JSR C1CA
,1C7A 20 20 00 JSR 0020
,1C7D A5 FC LDA FC
,1C7F D0 0F BNE 1C90
,1C81 A2 15 LDX #15
,1C83 A0 0E LDY #0E
,1C85 20 0C E5 JSR E50C
,1C88 20 03 0E JSR 0E03
,1C8B CE C5 C9 DEC C9C5
,1C8E CE 00 60 DEC 6000
,1C91 A5 A9 LDA A9
,1C93 8D FE DF STA DFFE
,1C96 A5 AA LDA AA
,1C98 8D FF DF STA DFFF
,1C9B A0 43 LDY #43
,1C9D B9 00 DE LDA DE00A,Y
,1CA0 99 BC 03 STA 03BCA,Y
,1CA3 88 DEY
,1CA4 10 F7 BPL 1C9D
,1CA6 A5 A7 LDA A7
,1CA8 8D FE DF STA DFFE
,1CAB A5 A8 LDA A8
,1CAD 8D FF DF STA DFFF
,1CB0 A0 00 LDY #00
,1CB2 B9 00 DE LDA DE00A,Y
,1CB5 99 00 04 STA 0400A,Y
,1CBB C8 INY
,1CB9 D0 F7 BNE 1CB2
,1CBB 60 RTS

```

```

,1CBC A5 A9 LDA A9
,1CBE 8D FE DF STA DFFE
,1CC1 A5 AA LDA AA
,1CC3 8D FF DF STA DFFF
,1CC6 A0 43 LDY #43
,1CCB B9 BC 03 LDA 03BCA,Y
,1CCB 99 00 DE STA DE00A,Y
,1CCE 88 DEY

```

```

,1CCF 10 F7 BPL 1CCB
,1CD1 A5 A7 LDA A7
,1CD3 8D FE DF STA DFFE
,1CD6 A5 A8 LDA A8
,1CD8 8D FF DF STA DFFF
,1CDB A0 00 LDY #00
,1CDD B9 00 04 LDA 0400A,Y
,1CE0 99 00 DE STA DE00A,Y
,1CE3 C8 INY
,1CE4 D0 F7 BNE 1CDD
,1CE6 60 RTS

```

```

,1CE7 A6 FB LDX FB
,1CE9 A5 AB LDA AB
,1CEB 18 CLC
,1CEC 7D 10 1B ADC 1B10A,X
,1CEF C9 40 CMP #40
,1CF1 90 04 BCC 1CF7
,1CF3 E6 AC INC AC
,1CF5 E9 40 SBC #40
,1CF7 85 AB STA AB
,1CF9 60 RTS

```

```

,1CFA 68 PLA
,1CFB A6 AC LDX AC
,1CFD 18 CLC
,1CFE 65 AB ADC AB
,1D00 C9 40 CMP #40
,1D02 90 03 BCC 1D07
,1D04 E9 40 SBC #40
,1D06 EB INX
,1D07 85 A7 STA A7
,1D09 85 A9 STA A9
,1D0B 8A TXA
,1D0C 85 AA STA AA
,1D0E 09 10 ORA #10
,1D10 85 AB STA AB
,1D12 00 BRK

```

```

,1D13 15 15 ORA 15A,X
,1D15 15 15 ORA 15A,X
,1D17 15 15 ORA 15A,X
,1D19 15 15 ORA 15A,X
,1D1B 15 15 ORA 15A,X
,1D1D 15 15 ORA 15A,X
,1D1F 15 15 ORA 15A,X
,1D21 15 15 ORA 15A,X
,1D23 15 13 ORA 13A,X
,1D25 13 13 *SLO (13),Y
,1D27 13 13 *SLO (13),Y
,1D29 13 13 *SLO (13),Y
,1D2B 12 *CRA
,1D2C 12 *CRA
,1D2D 12 *CRA
,1D2E 12 *CRA
,1D2F 12 *CRA
,1D30 12 *CRA
,1D31 11 11 ORA (11),Y
,1D33 11 11 ORA (11),Y
,1D35 11 11 ORA (11),Y
,1D37 11 11 ORA (11),Y

```

1D39	11 11	ORA (11),Y
1D3B	JUP V.0E00	LDA #13
1D3D	8D 02 0E	STA 0E02
1D40	A9 5C	LDA #5C
1D42	8D 01 0E	STA 0E01
1D45	A9 3E	LDA #3E
1D47	8D FE DF	STA DFFE
1D4A	A9 03	LDA #03
1D4C	8D FF DF	STA DFFF
1D4F	A0 00	LDY #00
1D51	9B	TYA
1D52	99 00 DE	STA DE00,Y
1D55	CB	INY
1D56	D0 F9	BNE 1D51
1D58	9B	TYA
1D59	D9 90 DE	CMP DE00,Y
1D5C	D0 05	BNE 1D63
1D5E	CB	INY
1D5F	D0 F7	BNE 1D5B
1D61	F0 03	BEQ 1D66
1D63	4C 5C 13	JMP 135C
1D66	A0 12	LDY #12
1D68	B9 E7 1C	LDA 1CE7,Y
1D6B	99 49 11	STA 1149,Y
1D6E	8B	DEY
1D6F	10 F7	BPL 1D6B
1D71	A0 2A	LDY #2A
1D73	B9 BC 1C	LDA 1CBC,Y
1D76	99 8B 14	STA 148B,Y
1D79	8B	DEY
1D7A	10 F7	BPL 1D73
1D7C	A9 1C	LDA #1C
1D7E	8D DF 18	STA 18DF
1D81	A9 91	LDA #91
1D83	8D DE 18	STA 18DE
1D86	A9 00	LDA #00
1D88	8D 54 15	STA 1554
1D8B	8D 99 15	STA 1599
1D8E	A9 04	LDA #04
1D90	8D 58 15	STA 1558
1D93	8D 9D 15	STA 159D
1D96	A9 2C	LDA #2C
1D98	8D 64 15	STA 1564
1D9B	A9 D0	LDA #D0
1D9D	8D 7F 15	STA 157F
1DA0	A9 24	LDA #24
1DA2	8D 85 15	STA 1585
1DA5	A9 E6	LDA #E6
1DA7	8D 80 15	STA 1580
1DAA	A0 28	LDY #28
1DAC	B9 12 1D	LDA 1D12A,Y
1DAF	99 10 18	STA 1810A,Y
1DB2	8B	DEY
1DB3	10 F7	BPL 1DAC
1DB5	A0 16	LDY #16
1DB7	B9 FB 1C	LDA 1CFBA,Y
1DBA	99 4C 1B	STA 1B4CA,Y
1DBD	99 C6 1B	STA 1BC6A,Y
1DC0	8B	DEY

*Start \$135C
ändern*

GeoRAM-Test

*Keine GeoRAM
schon GeoRAM*

1DC3	A9 EA	LDA #EA
1DC5	8D 5E 0C	STA 0C5E
1DC8	8D 5F 0C	STA 0C5F
1DCB	A9 01	LDA #01
1DCD	8D 7D 0C	STA 0C7D
1DD0	A9 24	LDA #24
1DD2	8D 95 0C	STA 0C95
1DD5	8D CB 0C	STA 0CBB
1DD8	4C 5C 13	JMP 135C
:08D0	00 00 00 0A 00 8F 14 14	
:08D8	14 14 14 14 2A 2A 2A 2A	****
:0810	2A 2A 2A 2A 2A 2A 2A 2A	*****
:0818	2A 2A 2A 2A 2A 2A 2A 2A	*****
:0820	2A 2A 2A 2A 2A 2A 2A 2A	*****
:0828	2A 2A 2A 2A 2A 2A 2A 2A	*****
:0830	2A 2A 2A 2A 00 69 0B 0B	*****
:0838	00 8F 14 14 14 14 14 14	
:0840	2A 2A 2A 20 4D 20 41 20	*** M A
:0848	53 20 54 20 45 20 52 20	S T E R
:0850	20 2D 20 20 43 20 4F 20	- C O
:0858	50 20 59 20 20 2D 20 55	P Y -U
:0860	20 48 20 53 20 2A 2A 2A	H S ***
:0868	00 AB 0B 0C 00 9E 33 35	.C...35
:0870	3B 34 3A 8F 14 14 14 14	84:....
:0878	14 14 14 14 14 14 14 14	
:0880	14 14 2A 2A 2A 20 53 48	** 50
:0888	48 4E 45 4C 4C 53 54 45	HNELLSTE
:0890	53 20 42 41 43 48 55 50	S BACKUP
:0898	20 46 55 45 52 20 44 49	FUER DI
:08A0	45 20 31 35 34 31 20 2A	E 1541 *
:08A8	2A 2A 00 DF 08 0D 00 8E	**..C....
:08B0	14 14 14 14 14 14 14 2A	**
:08B8	2A 20 20 20 35 32 20 53	* 52 B
:08C0	45 4B 55 4E 44 45 4E 20	EKUNDEN
:08C8	4D 49 54 20 46 4E 52 4D	MIL FOM
:08D0	41 54 49 45 53 55 4E 47	ATIERUNG
:08D8	21 20 20 2A 2A 2A 00 13	? ***..
:08E0	09 0E 00 8F 14 14 14 14	
:08E8	14 14 2A 2A 2A 2A 2A 2A	..*****
:08F0	2A 2A 2A 2A 2A 2A 2A 2A	*****
:08F8	2A 2A 2A 2A 2A 2A 2A 2A	*****
:0900	2A 2A 2A 2A 2A 2A 2A 2A	*****
:0908	2A 2A 2A 2A 2A 2A 2A 2A	*****
:0910	2A 2A 00 00 00 0E 05 37	**.....
:0918	03 0C 07 43 04 1B 05 76	...C...X
:0920	06 7B AD 0C 1C 09 0E 8D	.A9....
:0928	0C 1C 4C 37 03 A9 7A 8D	.LX.XX
:0930	02 18 AD 00 1C 09 0C 8D	..B....
:0938	00 1C A2 20 9A A9 0F 8D	..B../..
:0940	00 18 20 6B 03 0A 8D 33	..Y...B
:0948	03 6C 00 03 A9 21 85 2C	.5...71..
:0950	A9 01 85 2D 4C 1B 03 A9	7.1-L..7
:0958	D0 8D 05 18 38 2C 05 18	?...B...
:0960	10 0A 2C 00 1C 30 F6 AD	035
:0968	01 1C B8 18 60 AD 00 1C	..D.D5..
:0970	4A 29 08 20 2D 04 20 76	J). -..X
:0978	03 A9 07 A0 BC 4C 76 03	..7...LY
:0980	A0 FF A9 01 20 76 03 AD	2A..Y..
:0988	FF 01 60 8D B8 03 B8 55	2.D.D..U