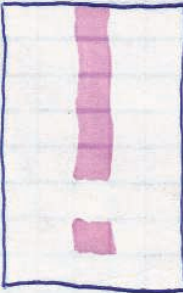


Zeichensatz U555 Programm

! Adressen (= Daten von DRAM) negativ angeschlossen!

Ad	Ho	Adr	Zeichen	DO	DAT	ISO 646
01000000000		100			00	20
01000000001		101			00	
01000000010		102			00	
01000000011		103			00	
01000000100		104			00	
01000000101		105			00	
01000000110		106			00	
01000000111		107			00	
0100001000		108		001000	04	21
001		109		001000	04	
010		10A		001000	04	
011		10B		001000	04	
100		10C		001000	04	
101		10D		000000	00	
110		10E		001000	04	
111		10F		000000	00	
0100010000		110		101000	0A	22
111		111			0A	
112		112			00	
113		113			00	
114		114			00	
115		115			00	
116		116			00	
117		117			00	
0100011000		118		000000	00	23
119		119		01010	0A	
11A		11A		11111	AF	
11B		11B		01010	0A	
11C		11C		11111	AF	
11D		11D		01010	0A	
11E		11E		00000	00	
11F		11F			00	
0100100000		120		001000	04	24
121		121		11110	1E	
122		122		00101	05	
123		123		01110	0E	
124		124		10100	14	
125		125		01111	0F	
126		126		00100	04	
127		127			00	

<u>Hdr</u>		<u>Dat</u>
128		1'0011
129		10011
12A		01000
12B		00100
12C		00010
12D		11001
12E		11001
12F		00

130		00010
131		00101
132		10101
133		00010
134		10101
135		01001
136		10110
137		00

138		04
139		04
13A		02
13B		06
13C		00
13D		00
13E		00
13F		00

140		0.1000
141		04
142		04
143		04
144		04
145		04
146		08
147		00
148		00

148		02
149		04
14A		04
14B		04
14C		04
14D		04
14E		02
14F		00

150		0.1010
151		0.1110
152		0000
153		0004
154		0A15
155		0A15
156		0004
157		0000

<u>Hdr</u>		<u>DAT</u>
158		00000
159		00
15A		00
15B		04
15C		04
15D		AF
15E		04
15F		04

160		00
161		00
162		00
163		00
164		00
165		04
166		04
167		02

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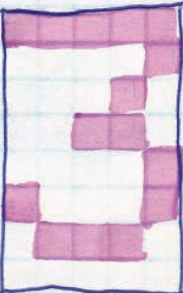
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178		10
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17B		04
17C		02
17D		01
17E		01
17F		00

180		00110
181		0.1001
182		11001
183		10101
184		10011
185		10001
186		0E
187		00

Adr		DAT
188		04
189		00110
18A		04
18B		04
18C		04
18D		04
18E		01110
18F		0E

190		01110
191		10001
192		10000
193		01100
194		00010
195		00001
196		
197		0E

198		1F
199		10
19A		01000
19B		01100
19C		0C
19D		10
19E		11
19F		0E

1A0		08
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1A2		0A
1A3		09
1A4		1F
1A5		08
1A6		08
1A7		00

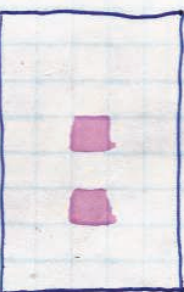
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1AC		10
1AD		11
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1AF		00

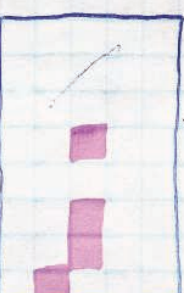
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1B3		01
1B4		0F
1B5		11
1B6		11
1B7		0E

Adr		DAT
1B8		1F
1B9		10000
1BA		08
1BB		04
1BC		02
1BD		02
1BE		02
1BF		00

1C0		0E
1C1		11
1C2		11
1C3		0E
1C4		11
1C5		11
1C6		0E
1C7		00

1C8		0E
1C9		11
1CA		11
1CB		11110
1CC		10
1CD		08
1CE		06
1CF		00

1D0		00
1D1		00
1D2		00
1D3		04
1D4		00
1D5		04
1D6		00
1D7		00

1D8		00
1D9		00
1DA		00
1DB		04
1DC		00
1DD		04
1DE		04
1DF		02

1E0		00 00
1E1		00 00
1E2		08 04
1E3		04 02
1E4		02 04
1E5		04 08
1E6		08 00
1E7		00 00

Adr

1E8
1E9
1EA
1EB
1EC
1ED
1EE
1EF



1F0
1F1
1F2
1F3
1F4
1F5
1F6
1F7



1F8
1F9
1FA
1FB
1FC
1FD
1FE
1FF



200
201
202
203
204
205
206
207



208
209
20A
20B
20C
20D
20E
20F



210
211
212
213
214
215
216
217



DAT

00
00
00
1F
00
1F
00
00

0000
0002
0204
0408
0804
0402
0200
0000

0E
11
10
0C
04
00
04
00

1E
01
0E
11
0E
10
0F
00

0F04
110A
1111
1F11
111F
1111
1111
0000

0F
11
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0F
11
11
0F
00

Adr

218
219
21A
21B
21C
21D
21E
21F



220
221
222
223
224
225
226
227



220
221
222
223
224
225
226
227



228
229
22A
22B
22C
22D
22E
22F



230
231
232
233
234
235
236
237



238
239
23A
23B
23C
23D
23E
23F



DAT

01110

0E
11
01
01
01
11
0E
00

10010

0F
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0F
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00111

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01
01
1F
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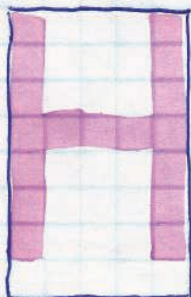
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AdrDAT

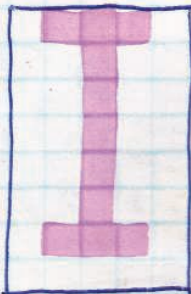
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10001

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11
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1F
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248
249
24A
24B
24C
24D
24E
24F



0E
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257

11100
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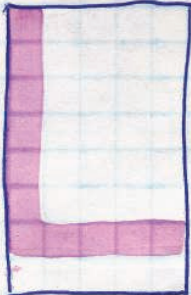
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08
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258
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25D
25E
25F

01001
00101
00011

11
09
05
03
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260
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263
264
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266
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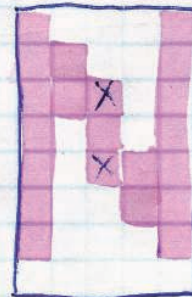
268
269
26A
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26C
26D
26E
26F

11011
10101

11
1B
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11
11
11
11
00

AdrDAT

270
271
272
273
274
275
276
277

10011
10011
10101
11001

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278
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27A
27B
27C
27D
27E
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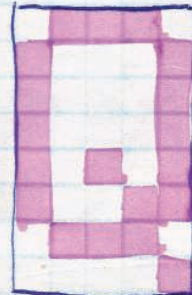
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286
287



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01
00

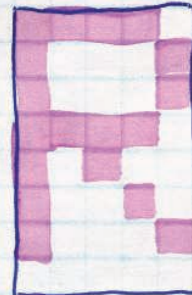
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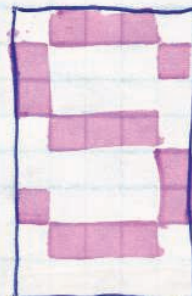
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11
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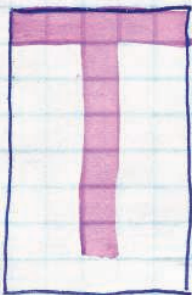
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29C
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29E
29F



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11
01
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10
11
0E
00

Bdr

2A0
2A1
2A2
2A3
2A4
2A5
2A6
2A7



1 1 1 1 1

DAT

1F
04
04
04
04
04
04
10

2A8
2A9
2AA
2AB
2AC
2AD
2AE
2AF



11
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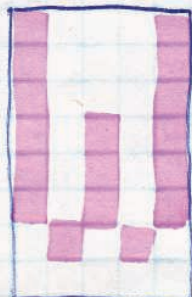
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2B6
2B7



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2BD
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2BF



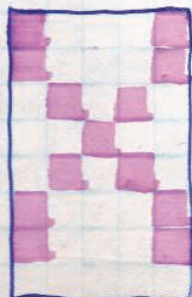
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0A
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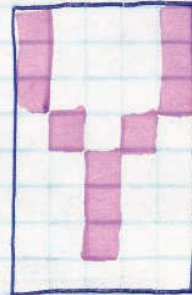
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04
0A
11
11
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Adc.

2C8
2C9
2CA
2CB
2CC
2CD
2CE
2CF



0 1 0 1 0

2D0
2D1
2D2
2D3
2D4
2D5
2D6
2D7



2D8
2D9
2DA
2DB
2DC
2DD
2DE
2DF



2E0
2E1
2E2
2E3
2E4
2E5
2E6
2E7



2E8
2E9
2EA
2EB
2EC
2ED
2EE
2EF



2F0
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2F2
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2F4
2F5
2F6
2F7



0 0 0 1 0
0 0 1 0 1

DHI

11
11
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0A
04
04
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00

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02
01
1F
00

0E 11
11 04
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11 11
1F 1F
11 11
11 11
00 00

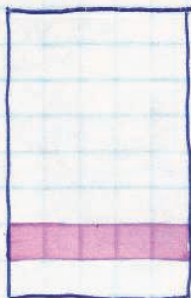
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11
A5 11
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15
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00

HexDAT

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2FF



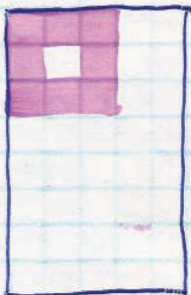
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1F00
001F

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0 0 1 0 1
0 1 0 1 0

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050A
070E
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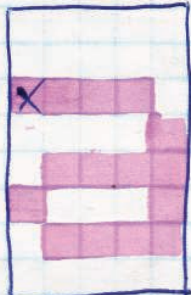
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303
304
305
306
307



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050A
070E
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00

308
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30A
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30C
30D
30E
30F



1 1 1 1 0

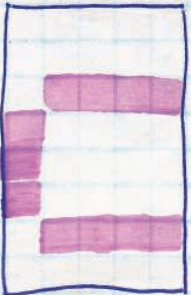
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317



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0E01
11
11
0F
00

318
319
31A
31B
31C
31D
31E
31F



00
00
1E
01
01
01
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326
327



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HexDAT

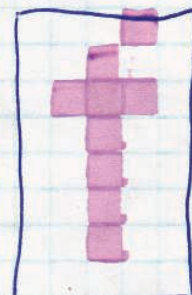
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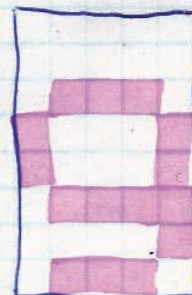
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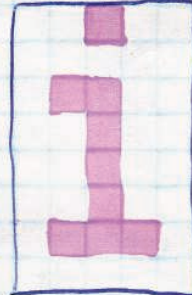
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33D
33E
33F



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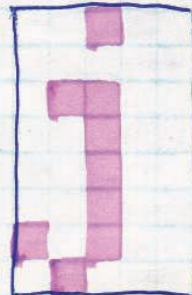


348
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34C
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34E
34F



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356
357



0 0 0 1 0

00
00
0E
11
0F
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04
04
04
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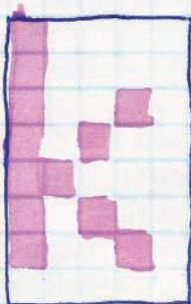
01
01
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11
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00

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06
04
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04
0E
00

04
00
06
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04
04
05
02

AddrDAT

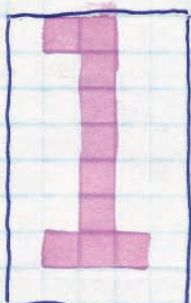
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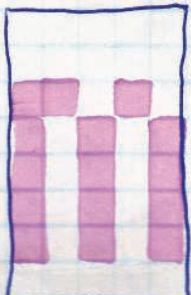
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366
367



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0 4
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0 4
0 4
0 E
0 0

368
369
36A
36B
36C
36D
36E
36F



0 1 0 1 1

0 0
0 0
0 B
1 5
1 5
1 5
1 5
0 0

370
371
372
373
374
375
376
377



0 0
0 0
0 F
1 1
1 1
1 1
1 1
0 0

378
379
37A
37B
37C
37D
37E
37F



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0 E
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1 1
1 1
0 E
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382
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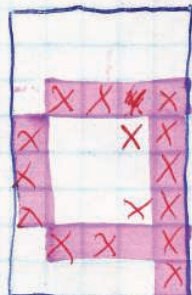


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0 F 0 D
0 1

Addr.DAT

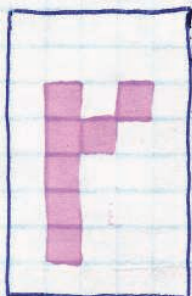
388
389
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38B
38C
38D
38E
38F



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1 0 1 1 0

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0 0
1 E 1 6
1 1 1 9
1 1
1 1 1 9
1 E 1 6
1 0 1 0

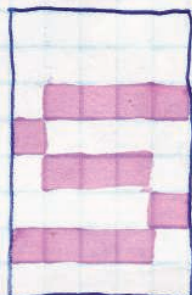
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396
397



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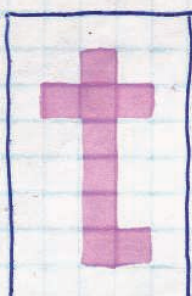
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0 6
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0 0

398
399
39A
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39C
39D
39E
39F



0 0
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1 E
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0 E
1 0
0 F
0 0

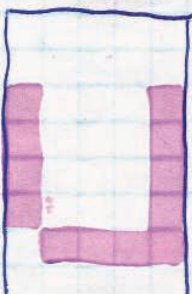
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3A5
3A6
3A7



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0 E
0 4
0 4
0 4
0 C
0 0

3A8
3A9
3AA
3AB
3AC
3AD
3AE
3AF



0 0
0 0
1 1
1 1
1 1
1 1
1 E
0 0

3B0
3B1
3B2
3B3
3B4
3B5
3B6
3B7



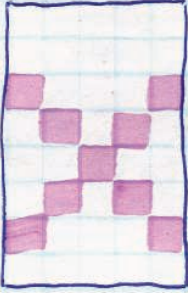
0 0
0 0
1 1
0 A
0 A
0 4
0 4
0 0

Adr

3B8
3B9
3BA
3BB
3BC
3BD
3BE
3BF



3C0
3C1
3C2
3C3
3C4
3C5
3C6
3C7



3C8
3C9
3CA
3CB
3CC
3CD
3CE
3CF



3D0
3D1
3D2
3D3
3D4
3D5
3D6
3D7



3D8
3D9
3DA
3DB
3DC
3DD
3DE
3DF



3E0
3E1
3E2
3E3
3E4
3E5
3E6
3E7
3E8



DAT

00
00
15
15
15
15
0A
00

00
00
11
0A
04
0A
11
00

00
00
11
0A
04
04
04
00

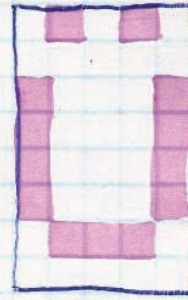
00
00
1F
08
04
02
1F
00

0A
00
0E
10
1E
11
1E
00

0A
00
0E
11
11
11
0E
00

Adr

3E8
3E9
3EA
3EB
3EC
3ED
3EE
3EF



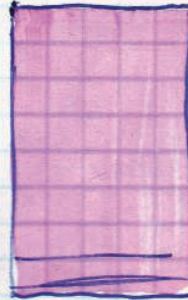
01010
0A
00
11
11
11
11
0E
00

3F0
3F1
3F2
3F3
3F4
3F5
3F6
3F7



01
01
0F
11
0F
11
1F
00

3F8
3F9
3FA
3FB
3FC
3FD
3FE
3FF



1F
1F
1F
1F
1F
1F
1F
1F

U555 Zeichengenerator

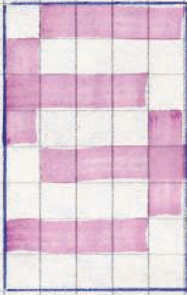
$\left. \begin{matrix} A_0 \\ A_1 \\ A_2 \end{matrix} \right\}$ Zeichensteuerung
 $\left. \begin{matrix} A_3 \\ \vdots \\ A_9 \end{matrix} \right\}$ Zeichensteuerung
 $\left. \begin{matrix} D_0 \\ D_1 \\ D_2 \end{matrix} \right\}$ Zeichenansgänge
 $\left. \begin{matrix} D_3 \\ D_4 \\ D_5 \end{matrix} \right\}$ Steueransgänge
 $\left. \begin{matrix} D_6 \\ D_7 \end{matrix} \right\}$

Adressenbelegung:

000...0FF Steuerzeichen
 100...3FF Darstellzeichen

Berichtigung Zeichencode

200



1E
01
0F
11
1E
10
0F

207



210

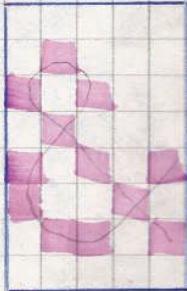


0F
12
12
0E
12
12
0F

217

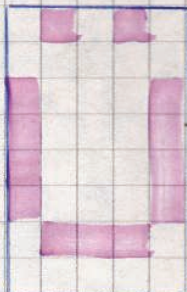


130



00
02
05
02
15
09
16
00

137

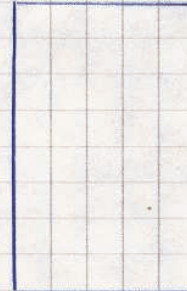


3F0



06
09
09
0D
11
11
0D
01

3F7



Steuerbytes Zeichengenerator

Addr
0 1 2 3 4 5 6 7 8 9

000000000000

000000010000

000001000000

000011110000

000100000000

000111111111

001000000000

001011111111

001100000000

001111111111

00100000

000

007

008

00F

010

038

03F

040

07F

080

0BF

0C0

0FF

080

087

088

DAT

00

00

40

40

40

40

40

20

20

~~80~~

80

20

20

00

00

80

7 6 5 4 3 2 1 0

0 0 0 0 0 0 1 0

0 0 1 0 0 0 0 0

1 0 0 0 0 0 0 0

0 0 1 0 0 0 0 0

Keine
Reaktion

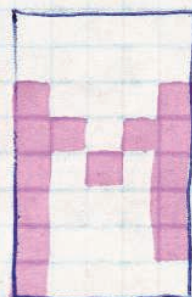
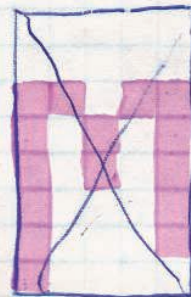
Einstellung
alphanumerische
Zeichen
+ Farbe

Einstellung
Graphik + Farbe
Sonderfunktionen

Einstellung
Graphik + Farbe

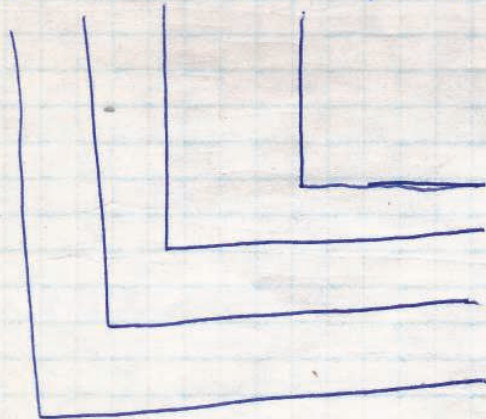
Einstellung
Sonderfunktionen

Keine
Reaktion



000	00	080	00
001	00	081	00
002	0E	082	11
003	11	083	1B
004	11	084	15
005	0F	085	11
006	1B	086	11
007	00	087	01

D0	D1	D2	D3	D4	D5	D6	D7
0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	
0	1	0	1	0	0	0	
1	1	0	1	0	0	0	
0	0	1	1	0	0	0	
1	0	1	1	0	0	0	
0	1	1	1	0	0	0	
1	1	1	1	0	0	0	
0	0	0	1	1	0	0	
1	0	0	1	1	0	0	
0	1	0	1	1	0	0	
1	1	0	1	1	0	0	
0	0	1	1	1	0	0	
1	0	1	1	1	0	0	
0	1	1	1	1	0	0	
1	1	1	1	1	0	0	



08	Blinken	1
09	Parasanzie	2
0A	Unfeld Ende	3
0B	Unfeld Beginn	4
0C	normale Zeichenhöhe	5
0D	doppelte Zeichenhöhe	6
0E	SD	7
0F	SA	8
18	verdeckte Anzüge	9
19	zusammenhängend Zeichen	10
1A	getrennte Zeichen	11
1B	EGC	12 43
1C	schwarzer Hintergrund	13 14
1D	weißer Hintergrund	14 15
1E	Zeichen halten	15 16
1F	Zeichen freigabe	16 17

Perioden Ausgänge: 08... 1F $\equiv$ 1... 16