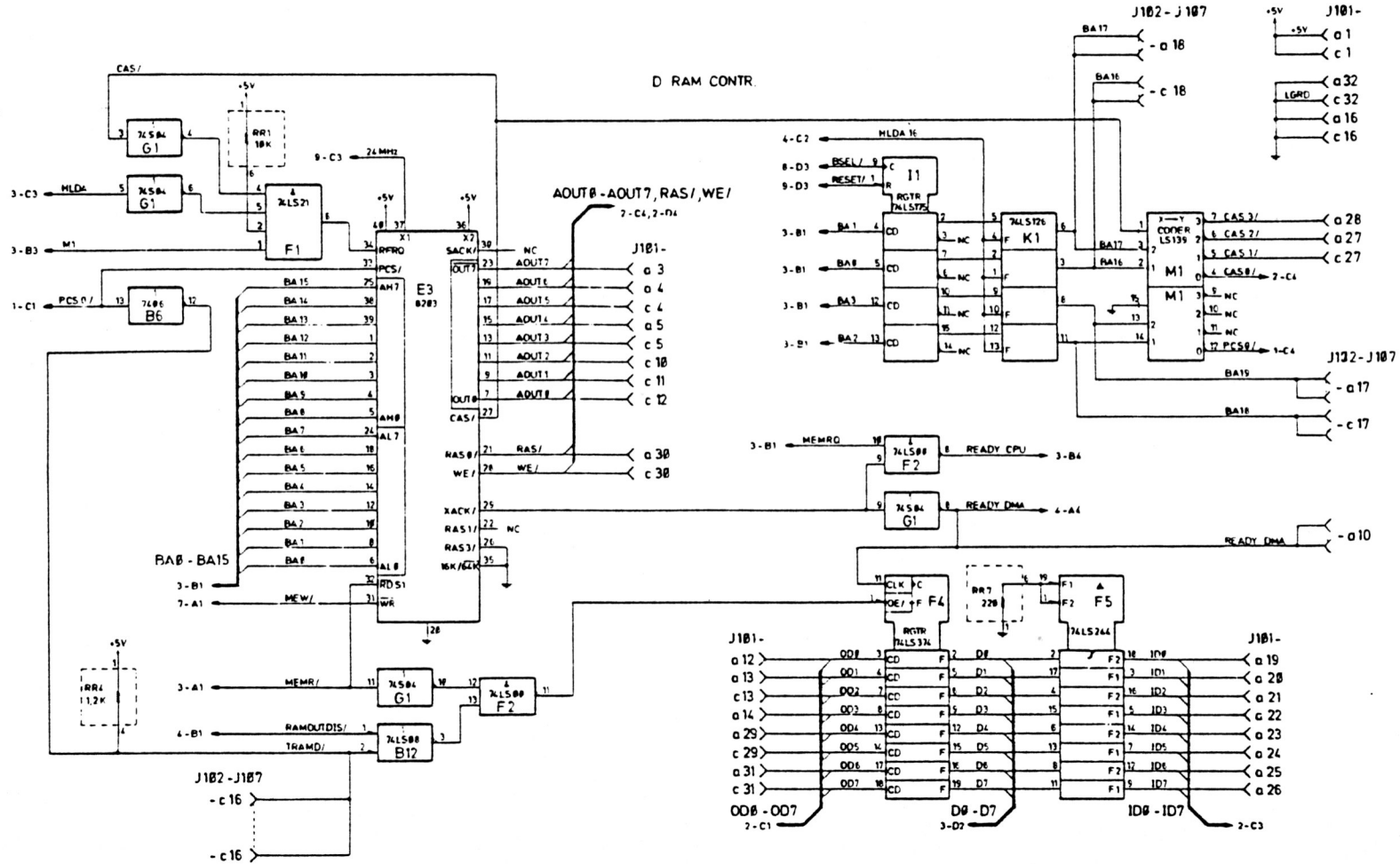
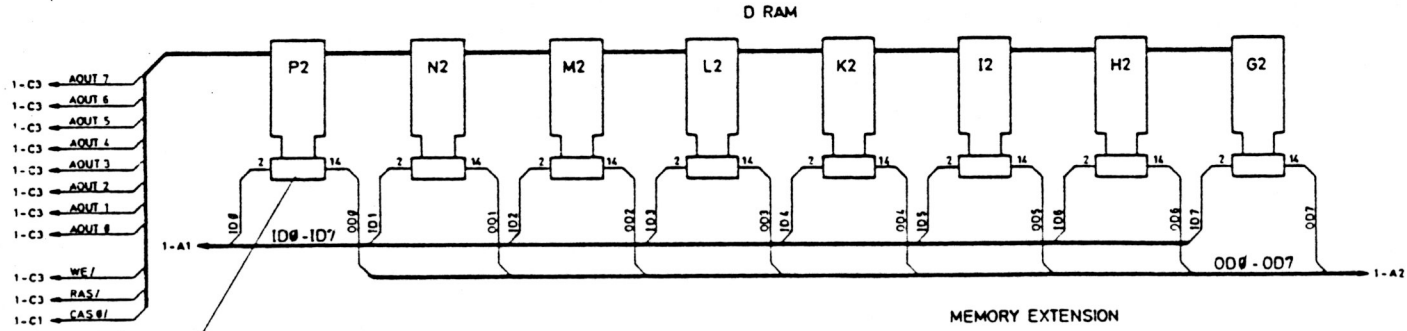


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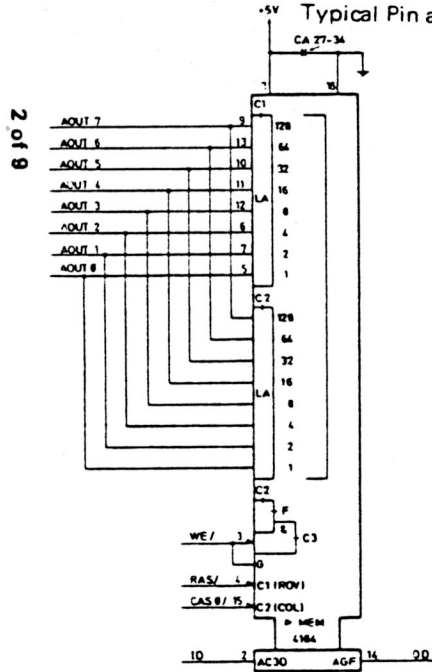


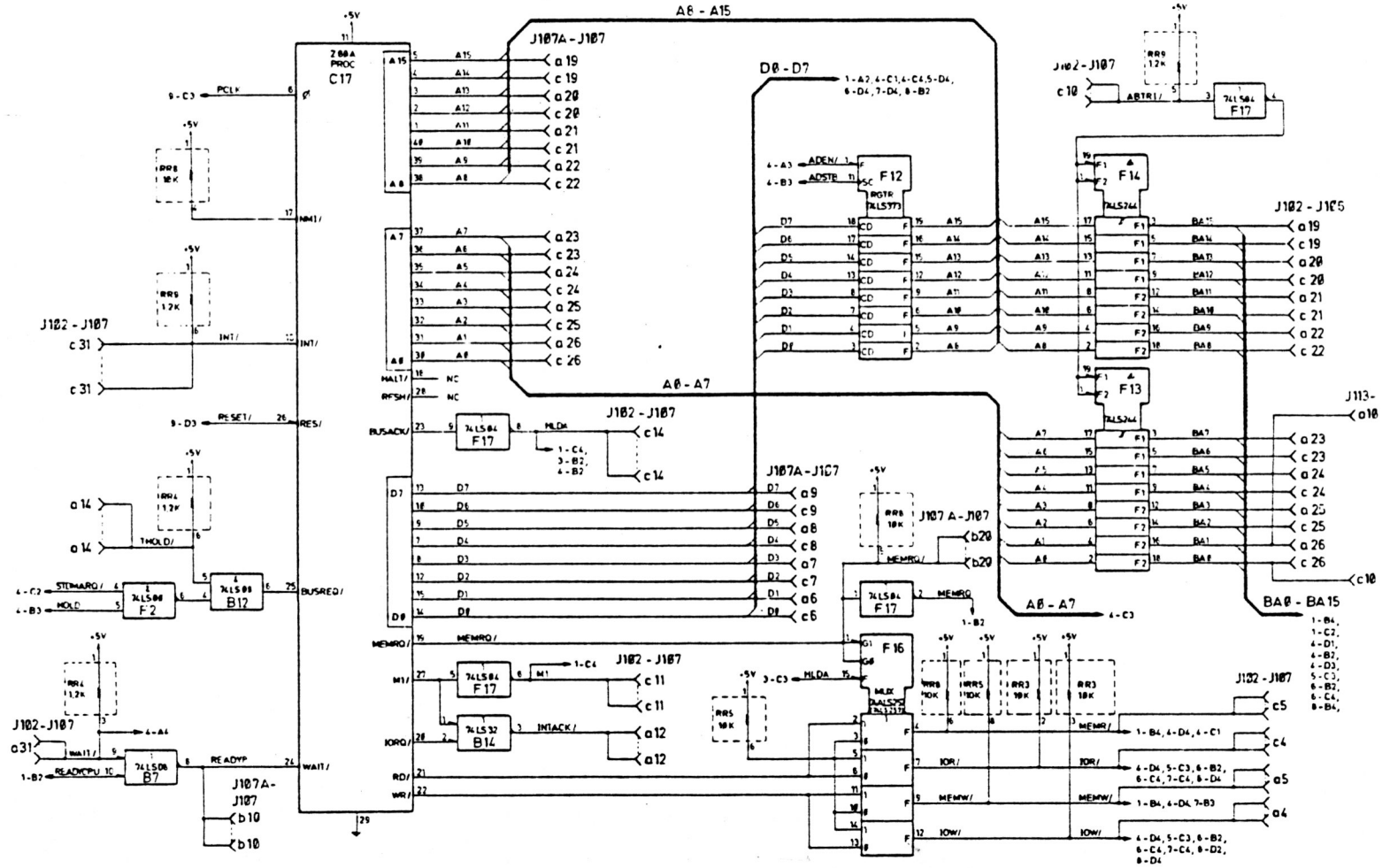
MEMORY EXTENSION

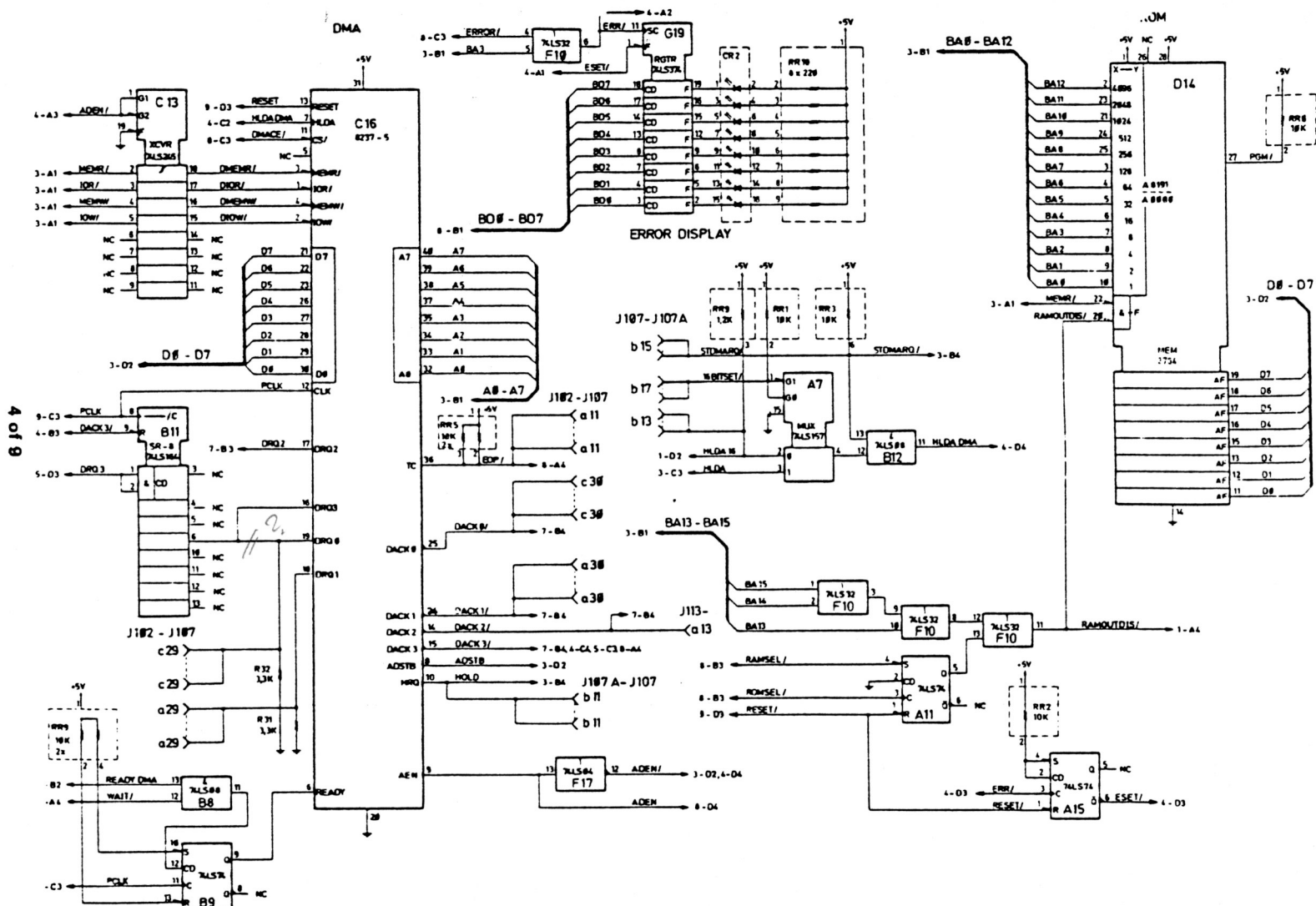
J101

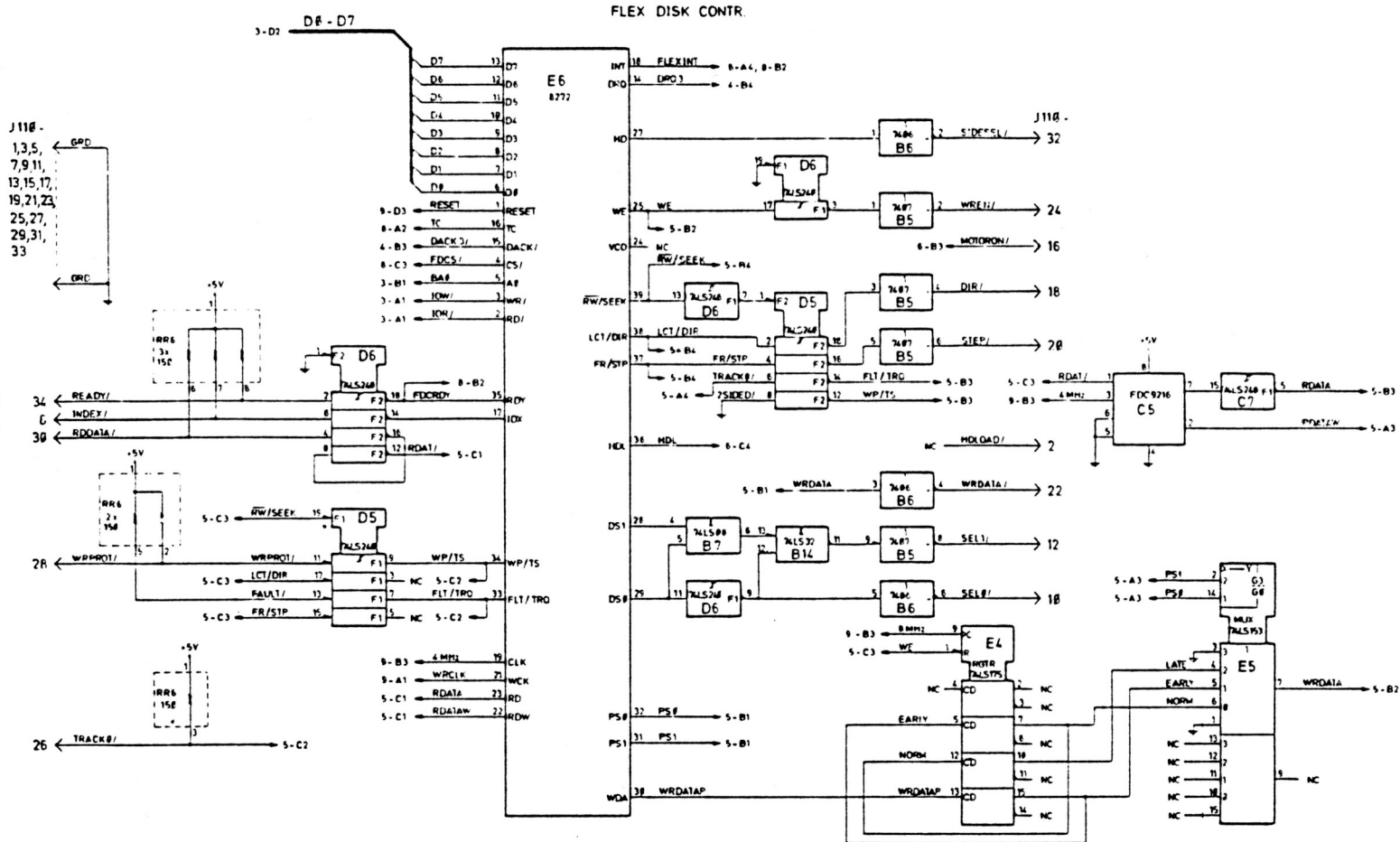
a	c
1 -5V	1 -5V
2 NC	2 NC
3 AOUT 7	3 NC
4 AOUT 6	4 AOUT 5
5 AOUT 4	5 AOUT 3
6 NC	6 NC
7 NC	7 NC
8 NC	8 NC
9 NC	9 NC
10 NC	10 AOUT 2
11 NC	11 AOUT 1
12 OD 6	12 AOUT 0
13 OD 1	13 OD 2
14 OD 3	14 NC
15 NC	15 NC
16 LGRO	16 LGRO
17 NC	17 NC
18 NC	18 NC
19 ID 8	19 NC
20 ID 1	20 NC
21 ID 2	21 NC
22 ID 3	22 NC
23 ID 4	23 NC
24 ID 5	24 NC
25 ID 6	25 NC
26 ID 7	26 NC
27 CAS 2/	27 CAS 1/
28 CAS 3/	28 NC
29 OD 4	29 OD 5
30 RAS/	30 WE/
31 OD 6	31 OD 7
32 LGRO	32 LGRO

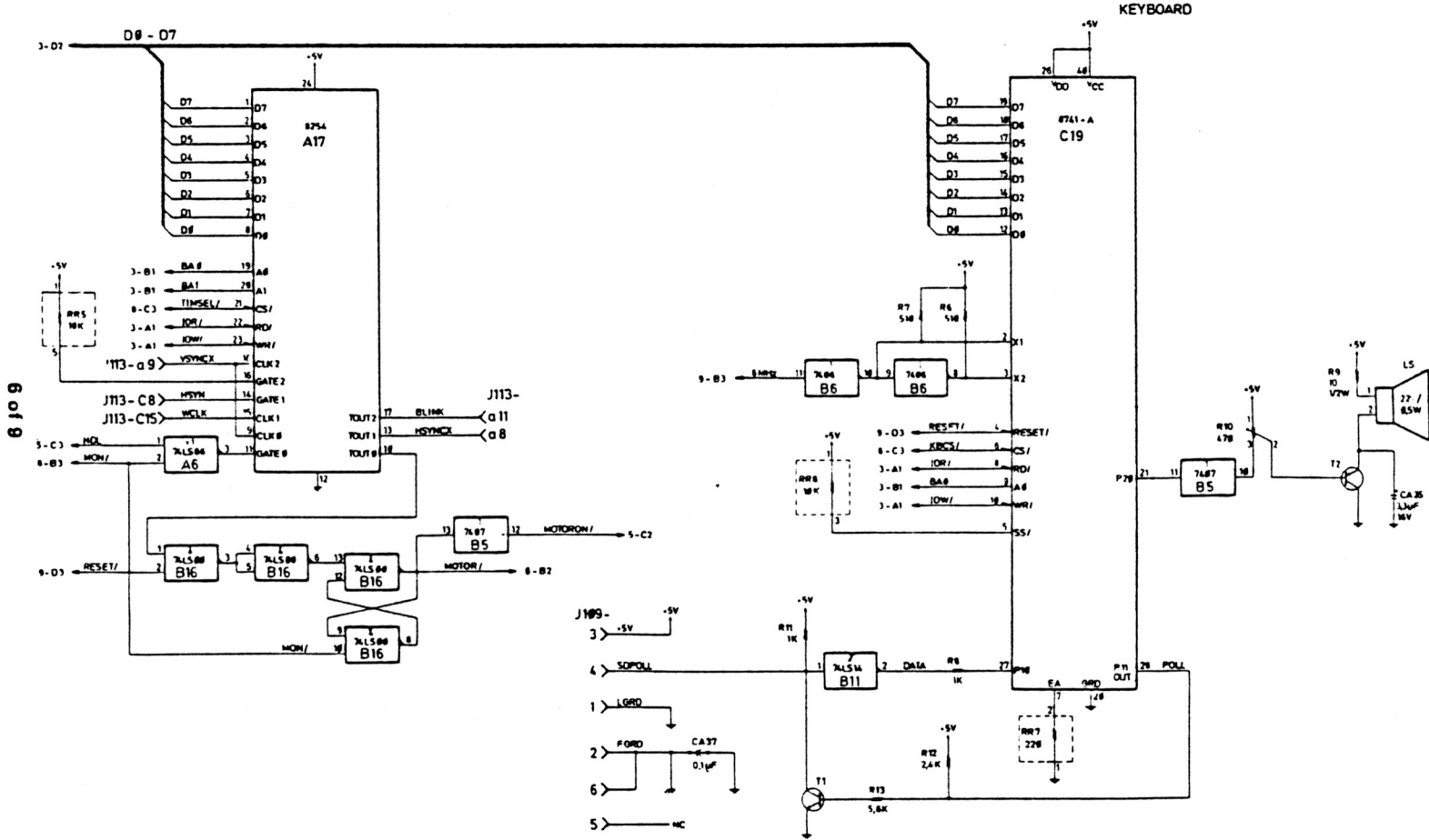
Typical Pin assignment

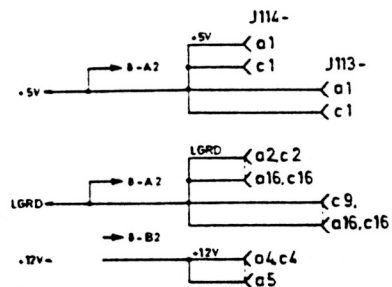
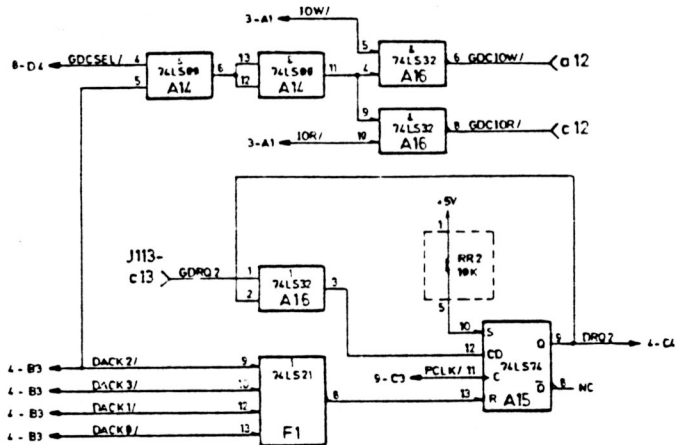










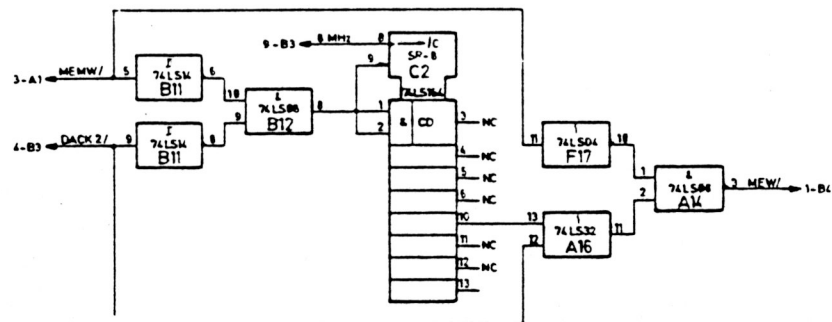


J114

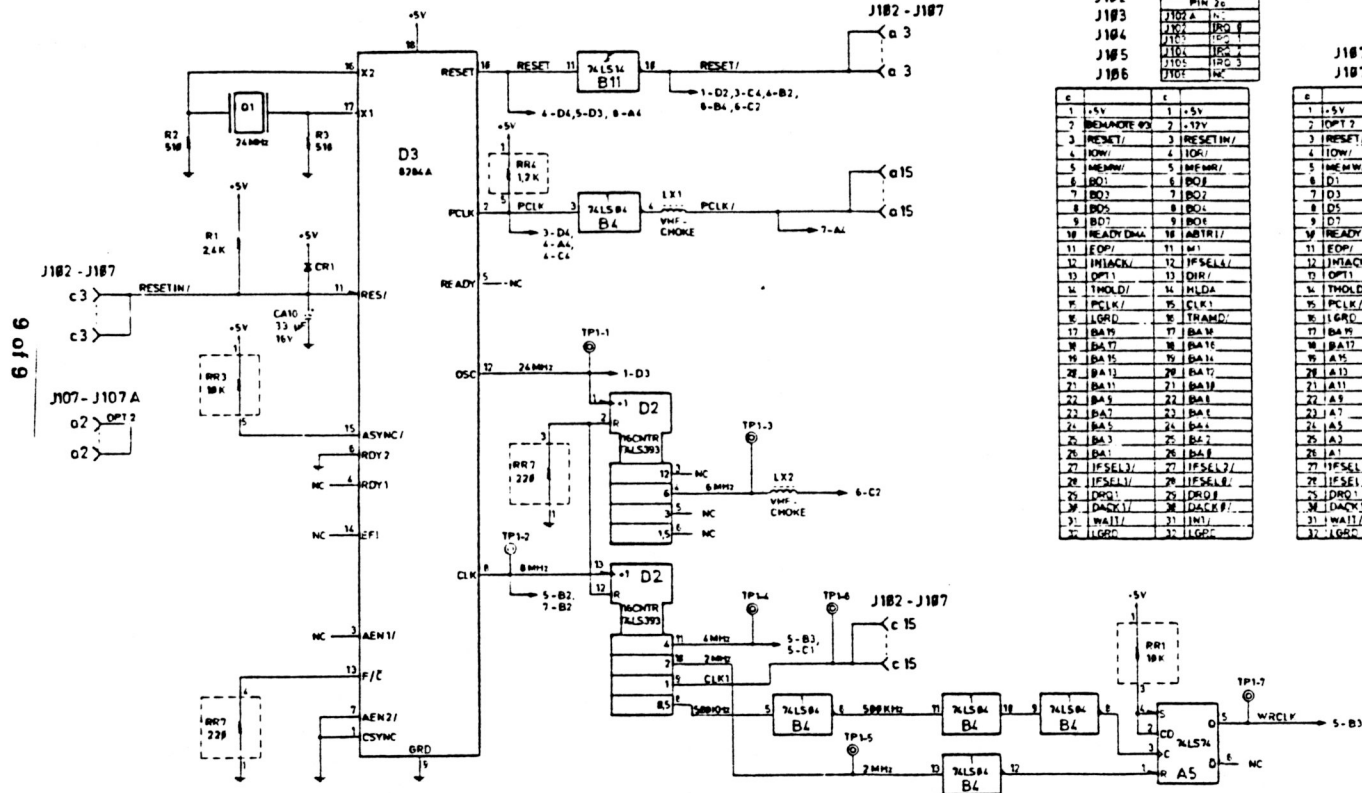
c		c
+5V	1	+5V
LGRO	2	LGRO
LPEN	3	LPENSW
+12V	4	+12V
-12V	5	-12V
NC	6	NC
NC	7	NC
NC	8	NC
NC	9	NC
NC	10	NC
NC	11	NC
NC	12	NC
NC	13	NC
NC	14	NC
NC	15	LGRO
LGRO	16	LGRO

J 113

e	c
• 5Y	• 5Y
NC	NC
D1	3 D8
D3	4 D2
D5	5 D5
D7	6 D8
NC	7 NC
MSYNX	8 MSYN
VSYNX	9 LGRO
BA1	10 BA8
BLINK	11 NC
GOCIOW/	12 GOCIO8/
DACK 2/	13 GORQ 2
NC	14 NC
NC	15 WCLK
LGRO	16 LGRO





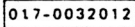


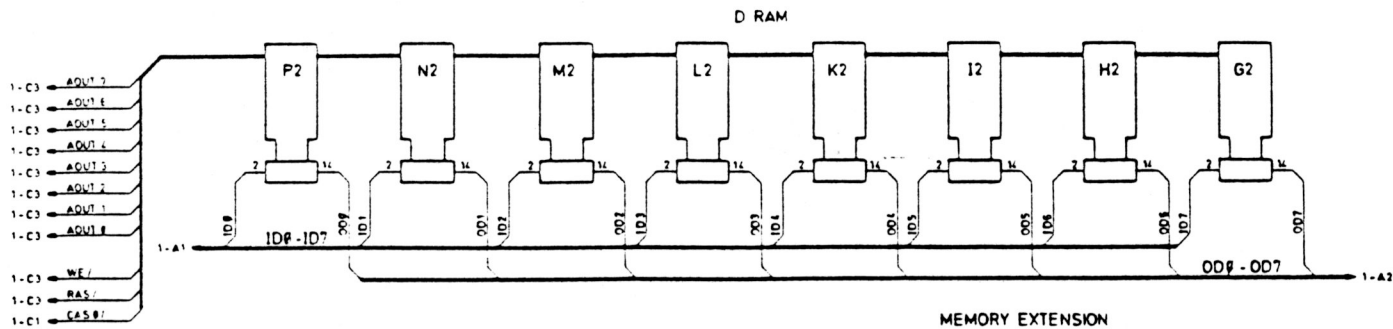
	BEM / NOTE
J102 A	IN
J102	IRG 1
J103	IRG 2
J104	IRG 3
J105	IRG 4
J106	IRG 5

e		e	
1	+5V	1	+5V
2	BENAFIRE 02	2	12V
3	RECT1	3	RECT1/H
4	ROM	4	IGR1
5	ROM	5	IGR1/H
6	BO1	6	BO1/H
7	BO2	7	BO2
8	BO3	8	BO4
9	BO7	9	BO4
10	READY DMA	10	ABTR1
11	ABTR1	11	ABTR1
12	WILKIN	12	WILKIN
13	OPT1	13	DIR1
14	THOLD1	14	ILDA
15	PCIR1	15	ILDA
16	IGRD	16	TRAMP
17	BA79	17	BA79
18	BA78	18	BA78
19	BA75	19	BA75
20	BA74	20	BA74
21	BA71	21	BA71
22	BA5	22	BA5
23	BA7	23	BA7
24	BA5	24	BA5
25	BA7	25	BA7
26	BA	26	BA
27	IFSEL1	27	IFSEL1
28	IFSEL1	28	IFSEL1
29	DM1	29	DM1
30	WALT	30	WALT
31	IGRD	31	IGRD

J187 DIAGNOSTIC - MODULE
J187A 16 BIT - PROC

a	b	c
1 .5V	1 .5V	1 .5V
2 IOST 2	2	2 .12V
3 RESET/	3	3 RESET/
4 IOW	4	4 IOW
5 HW/MW	5	5 MEMB/
6 DI	6	6 DI
7 O3	7	7 D2
8 D5	8	8 D4
9 D7	9	9 DI
W READY DMA	W READY	W ASTR/
10 M1	10 HOLD	10
12 IMACK/	12 SWITCH	12 ISELE/
13 OPT1	13 MLD A	13 DIH/
14 THOLD/	14 MBTAM/	14 M LDA
15 PCLK/	15 STDMA/RQ/	15 CLK/
16 LGRO	16 LGRO	16 TRAMC/
17 BAH	17 MBTSET	17 BAH
18	18	18
19 A3	19	19 A3
20 A13	20 MEMB/	20 A3
21 A11	21	21 A3W
22 A9	22	22 A3
23 A7	23	23 A3
24 A5	24	24 A3
25 A2	25	25 A2
26 A1	26	26 A3
27 ISELE1/	27	27 ISELE2/
28 ISELE1/	28	28 ISELE1/
29 DRO	29	29 DRO
30 DACK/	30	30 DACK/
31 WAI1/	31	31 INT/
32 LGRO	32 LGRO	32 LGRO



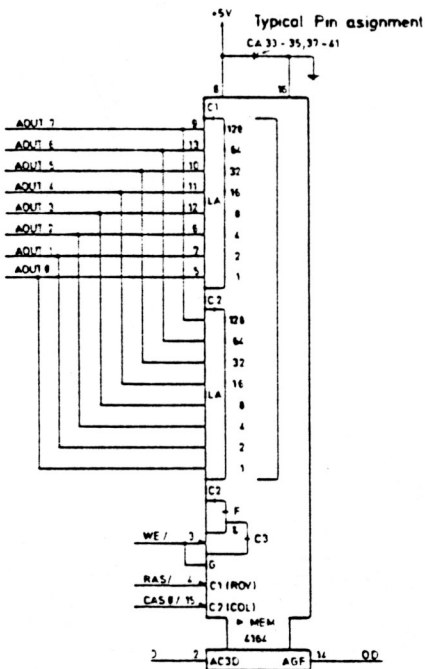


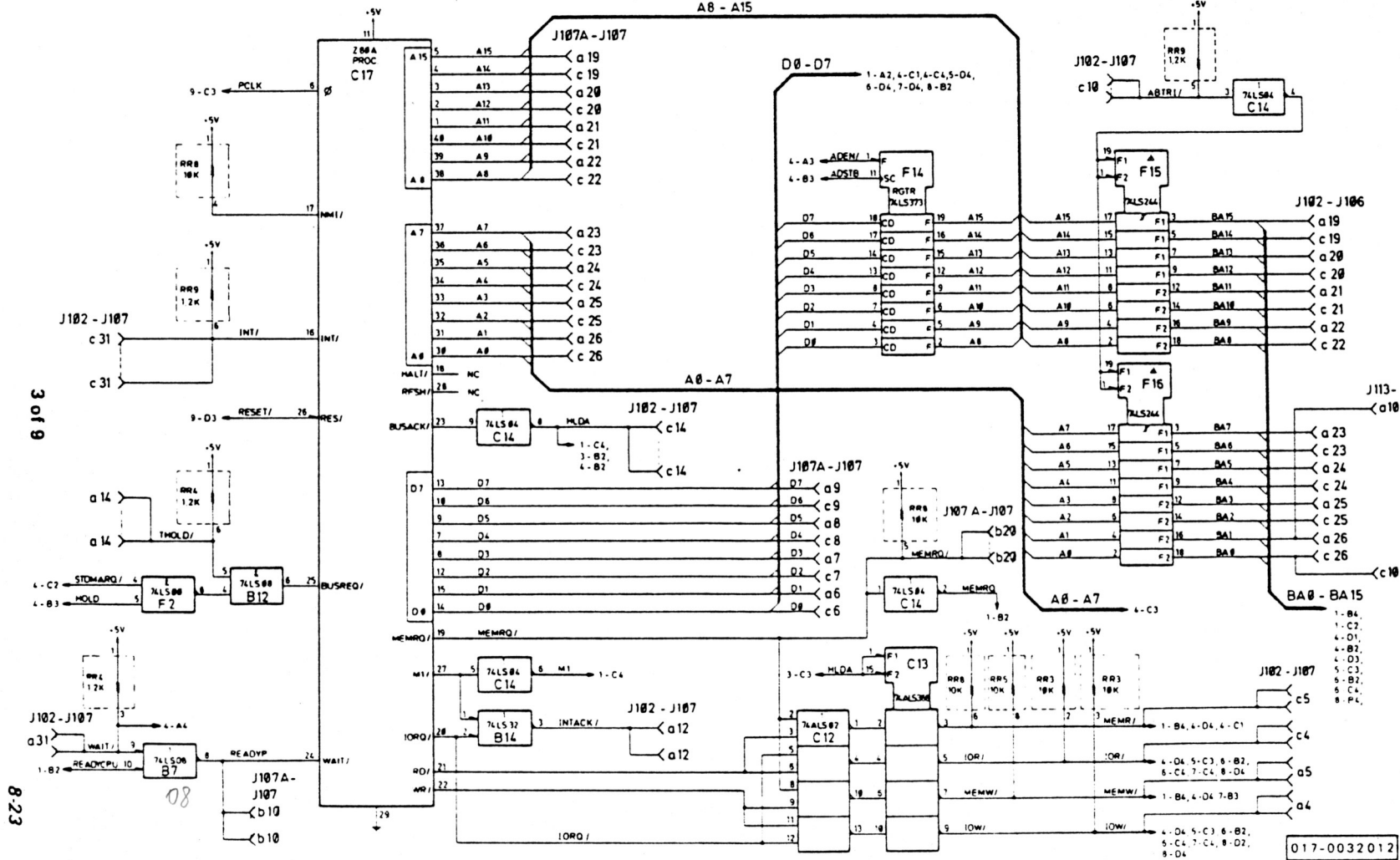
MEMORY EXTENSION

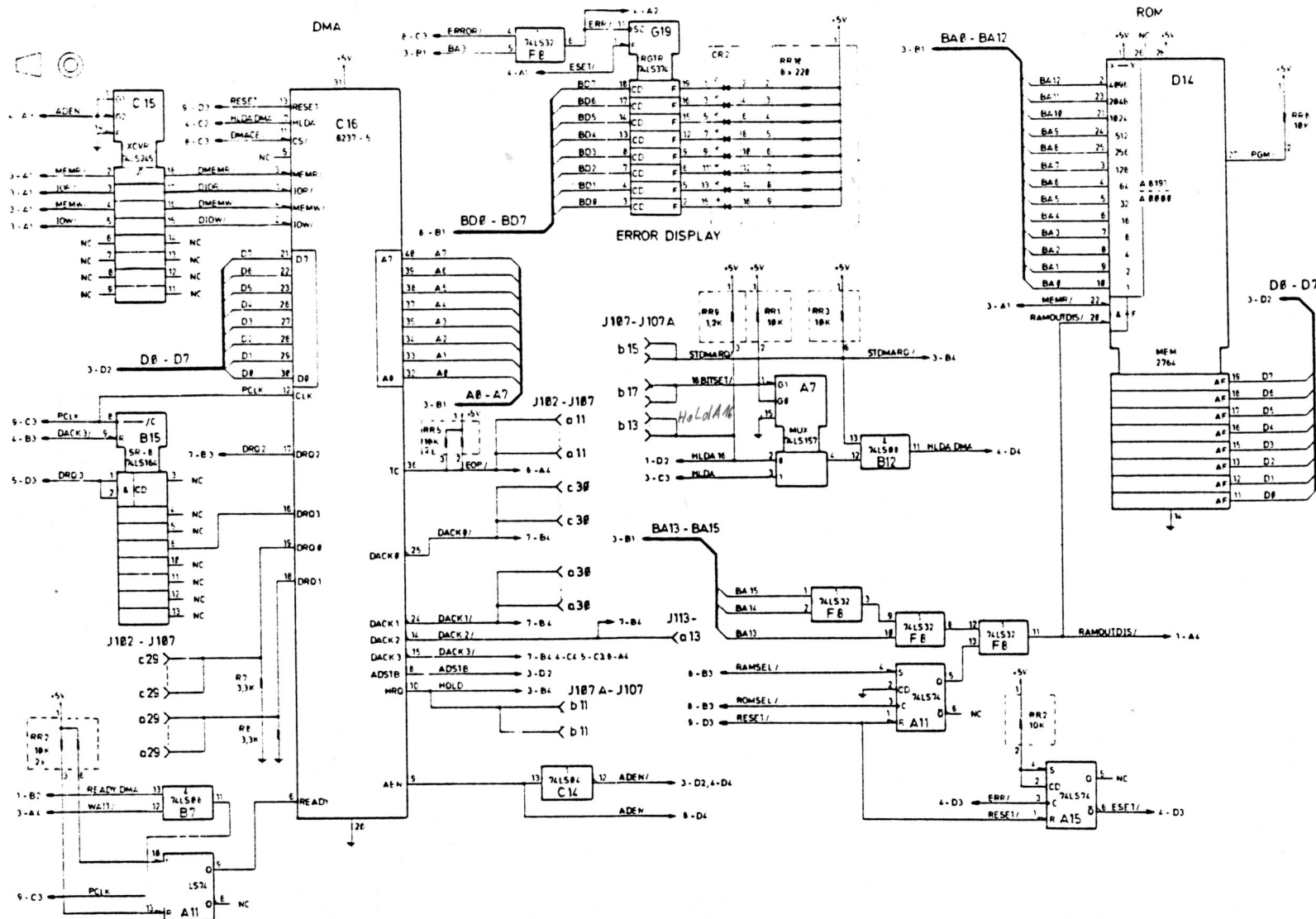
J101

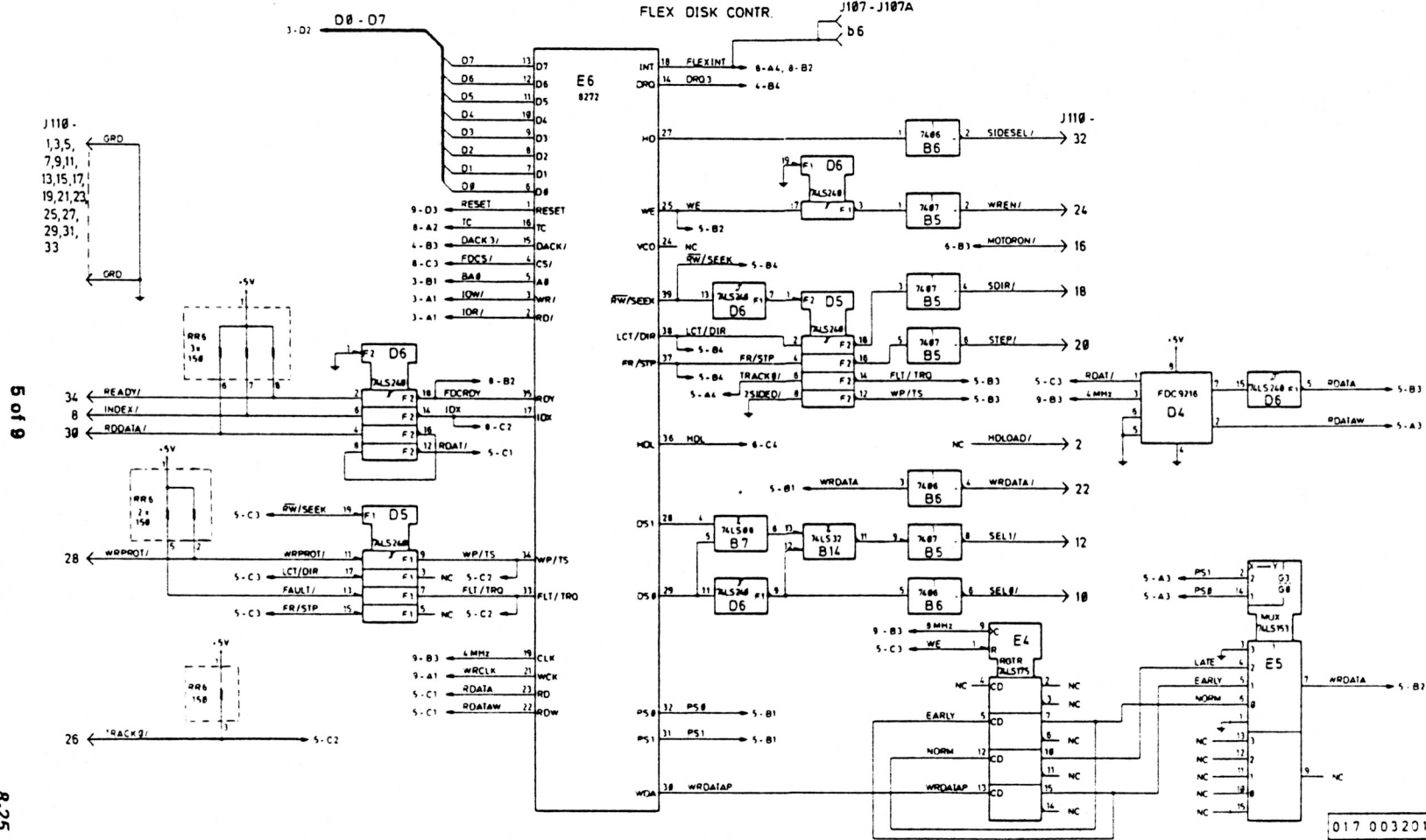
0	1	2	3
1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7
5	6	7	8
6	7	8	9
7	8	9	10
8	9	10	11
9	10	11	12
10	11	12	13
11	12	13	14
12	13	14	15
13	14	15	16
14	15	16	17
15	16	17	18
16	17	18	19
17	18	19	20
18	19	20	21
19	20	21	22
20	21	22	23
21	22	23	24
22	23	24	25
23	24	25	26
24	25	26	27
25	26	27	28
26	27	28	29
27	28	29	30
28	29	30	31
29	30	31	32

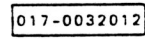
2 of 9







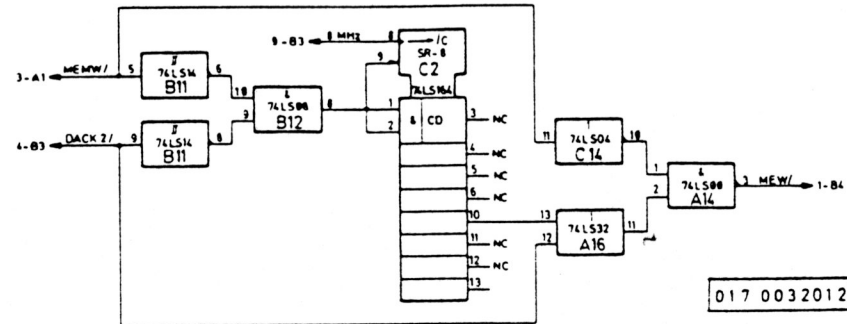
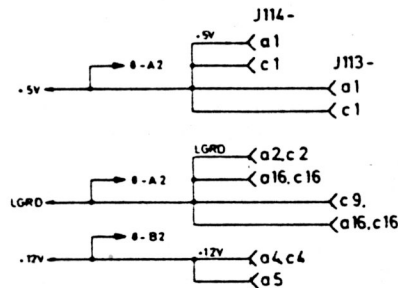
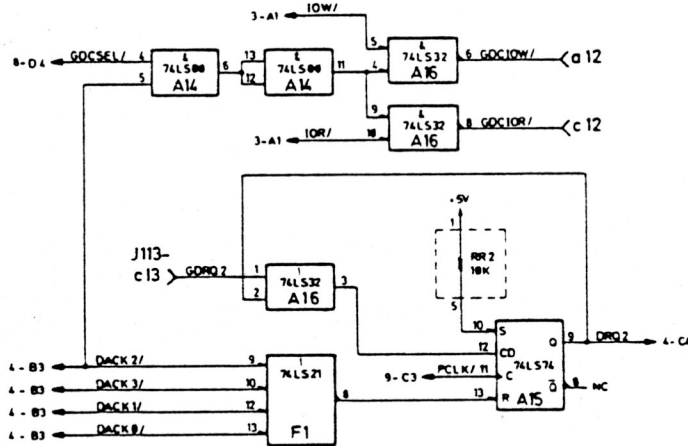
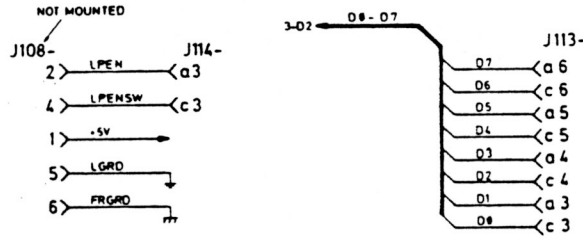




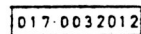
J114

a	b	c
.5Y	1	.5Y
LGRO	2	LGRO
LPEN	3	LPENMSW
.12V	4	.12V
.12V	5	MC
MC	6	MC
MC	7	MC
MC	8	MC
MC	9	MC
MC	10	MC
MC	11	MC
MC	12	MC
MC	13	MC
MC	14	MC
MC	15	LGRO
LGRO	16	LGRO

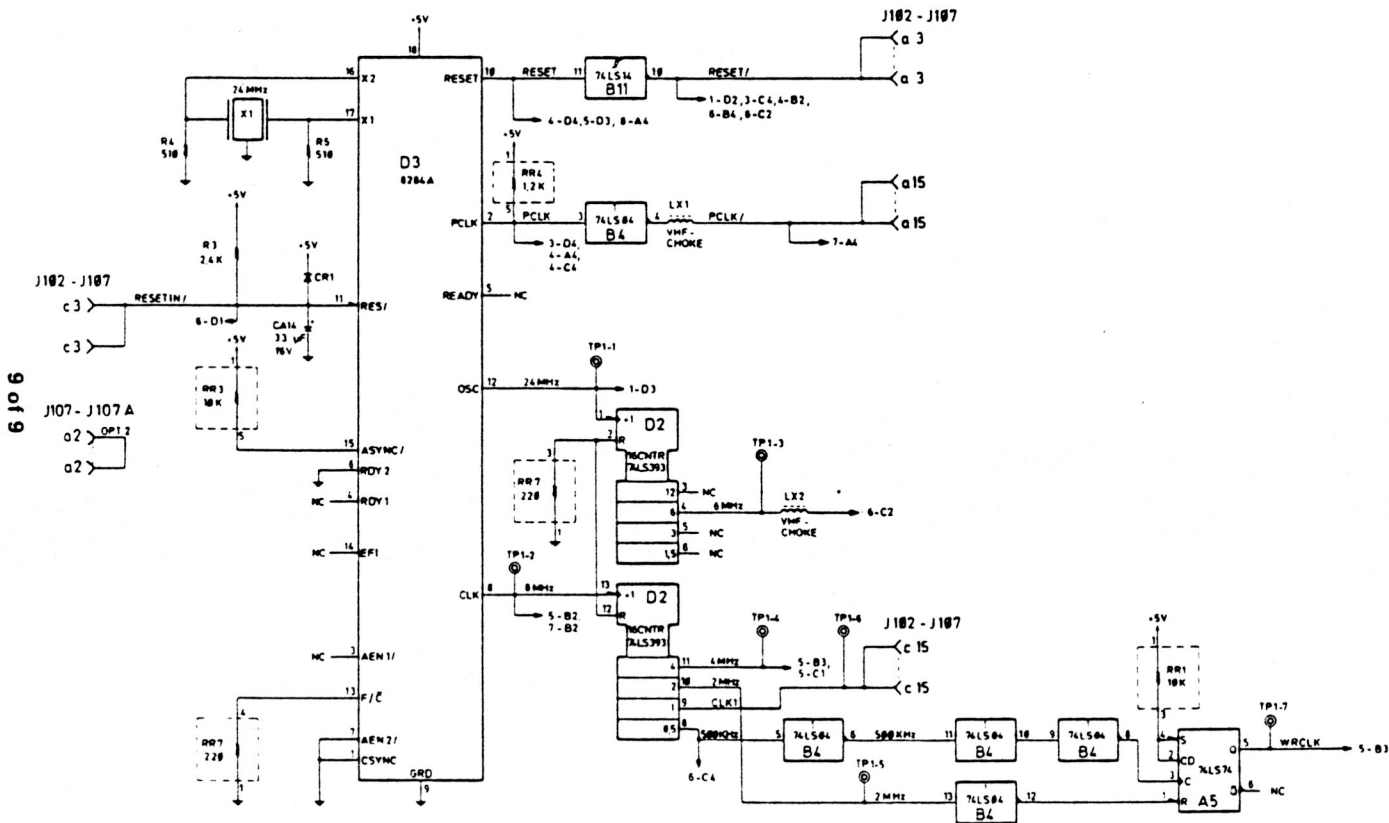
a	b	c
05Y	1	05Y
NC	2	NC
D1	3	D9
D3	4	D2
D5	5	D4
D7	6	D8
NC	7	NC
HSYMCX	8	HSYH
VSYMCX	9	LGRO
BA1	10	BA9
BLINK	11	NC
GOC10W/ DACK 2	12	GOC10R/ GORG 2
NC	14	NC
NC	15	WCLK
LGRO	16	LGRO

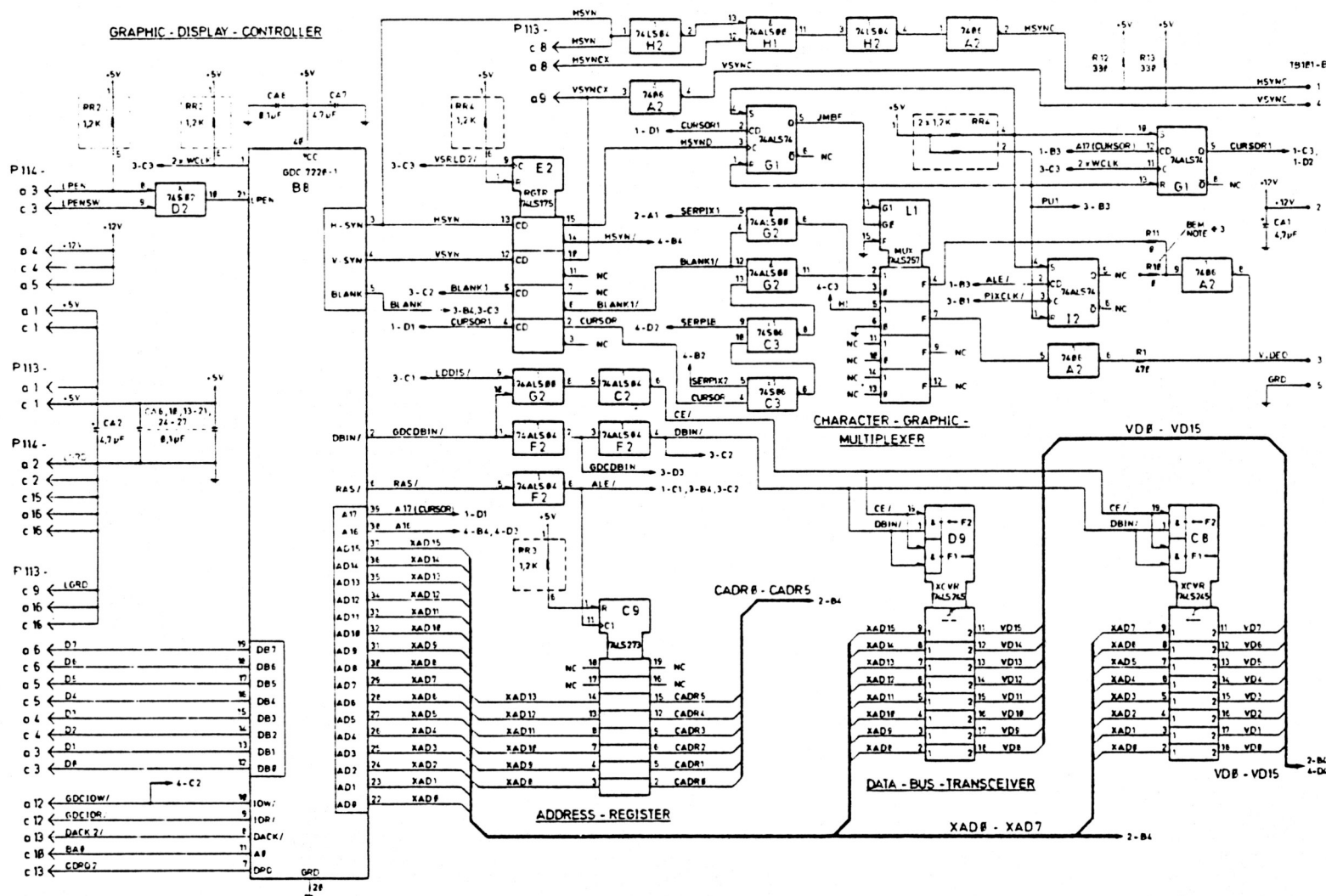


017 0032012

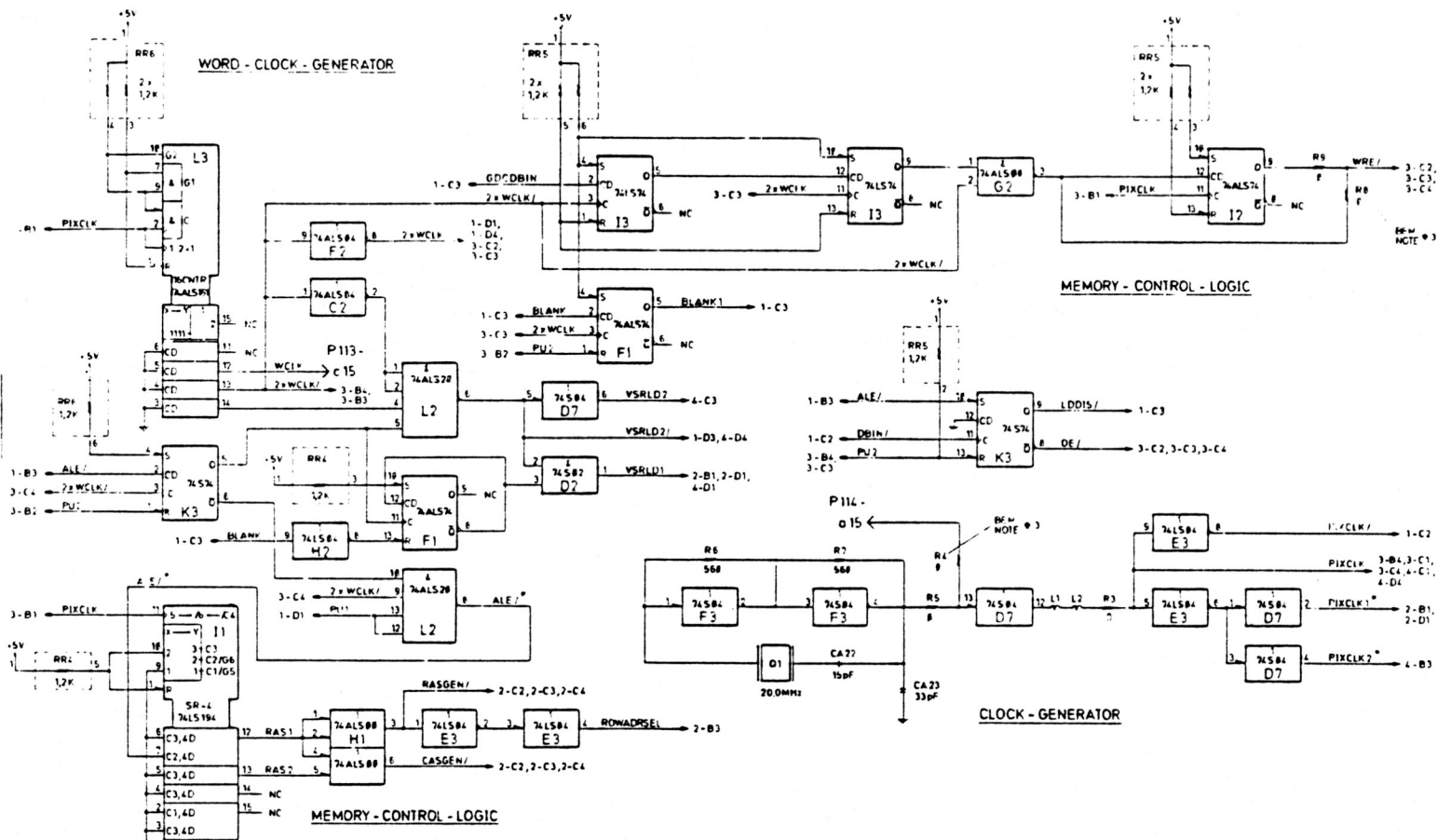


017 0032012



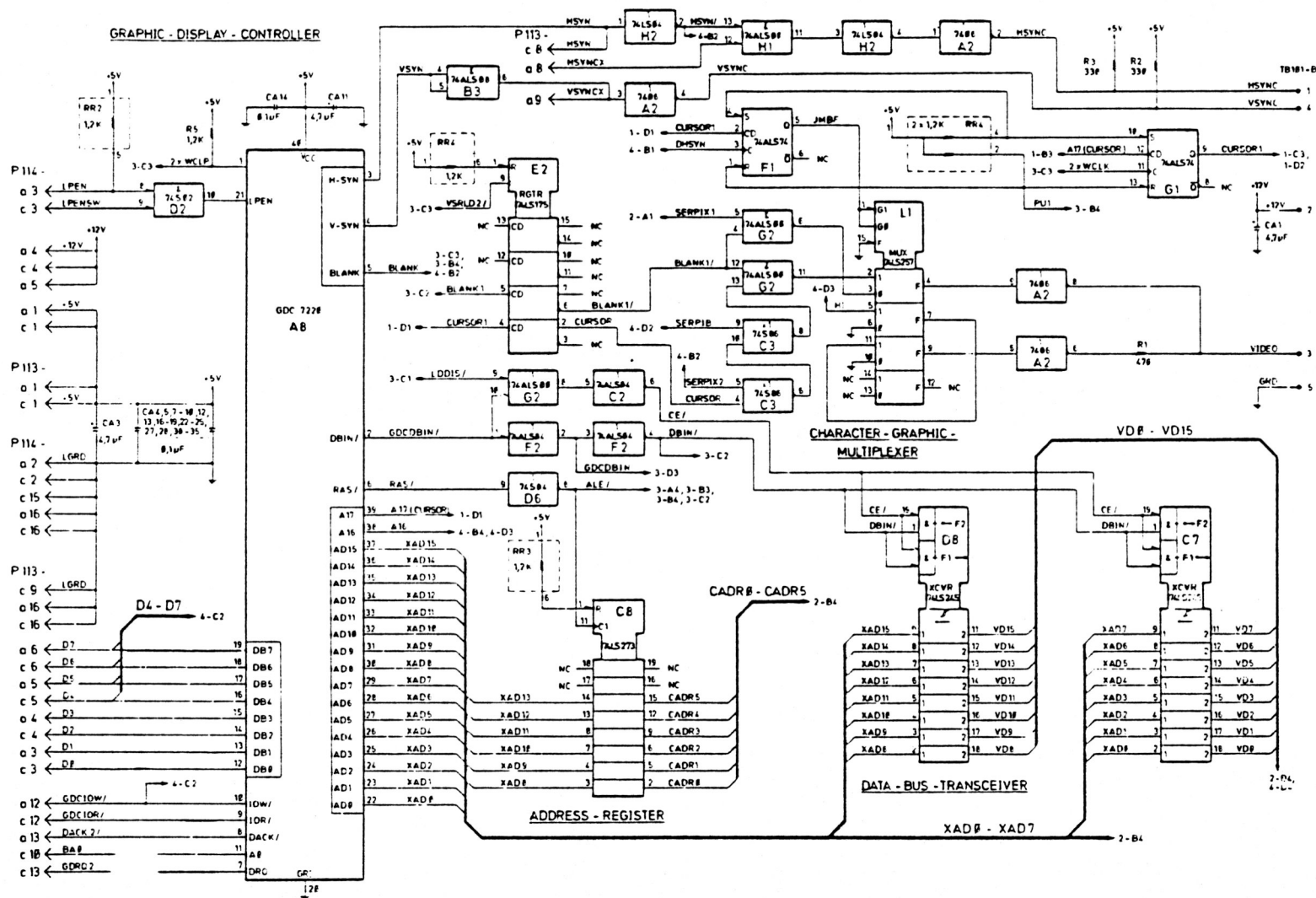




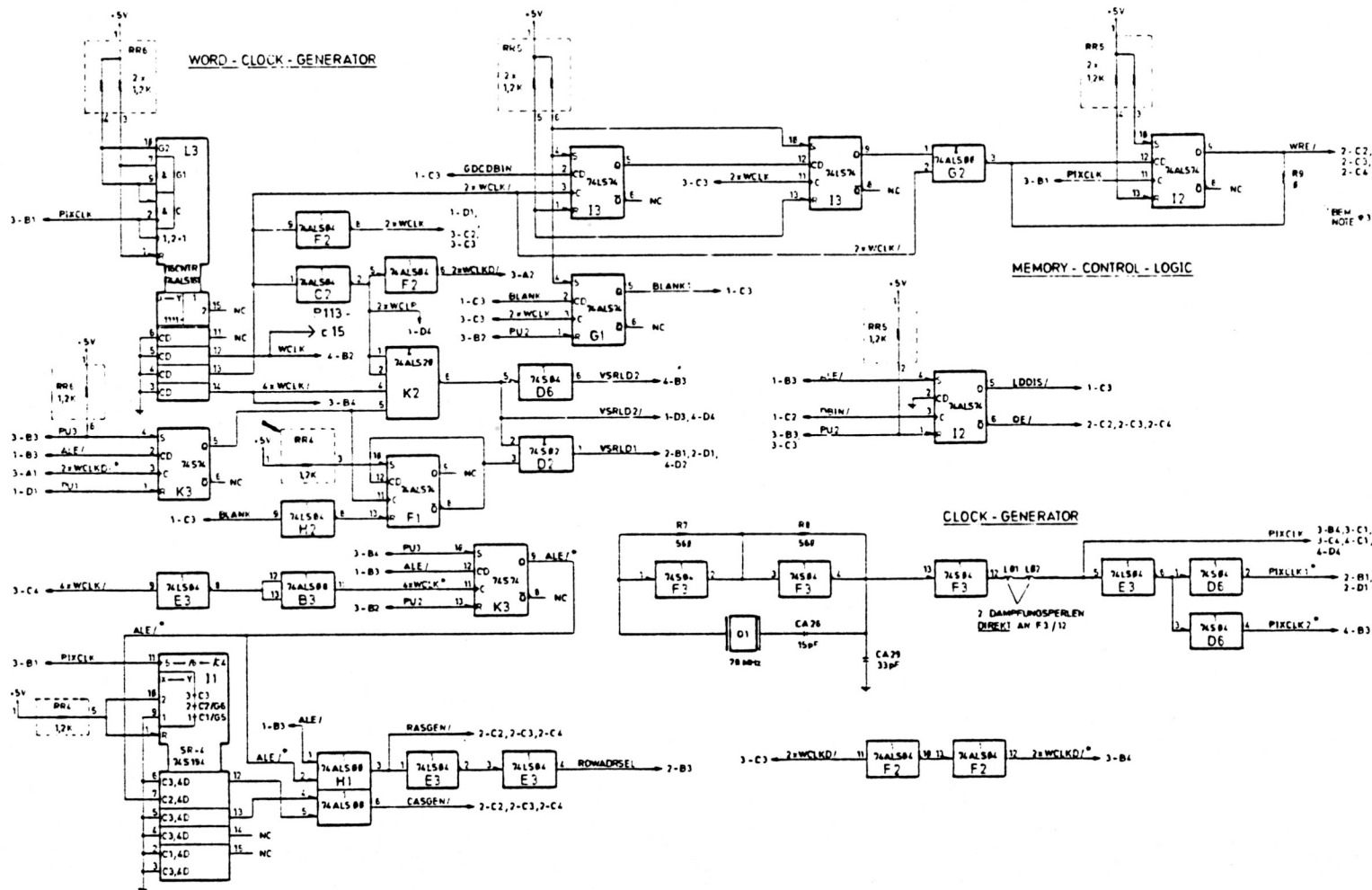


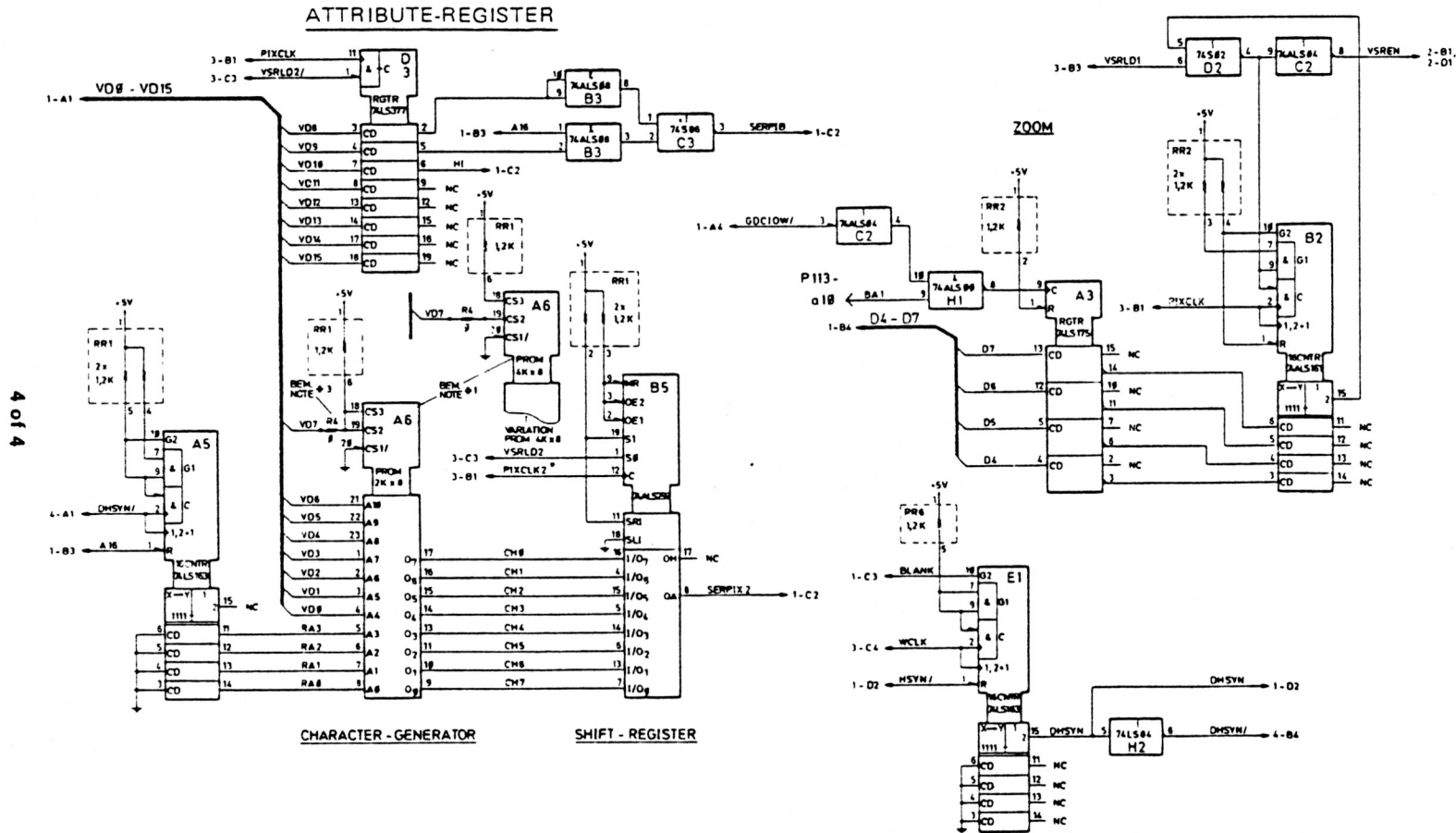
SHIFT - REGISTER

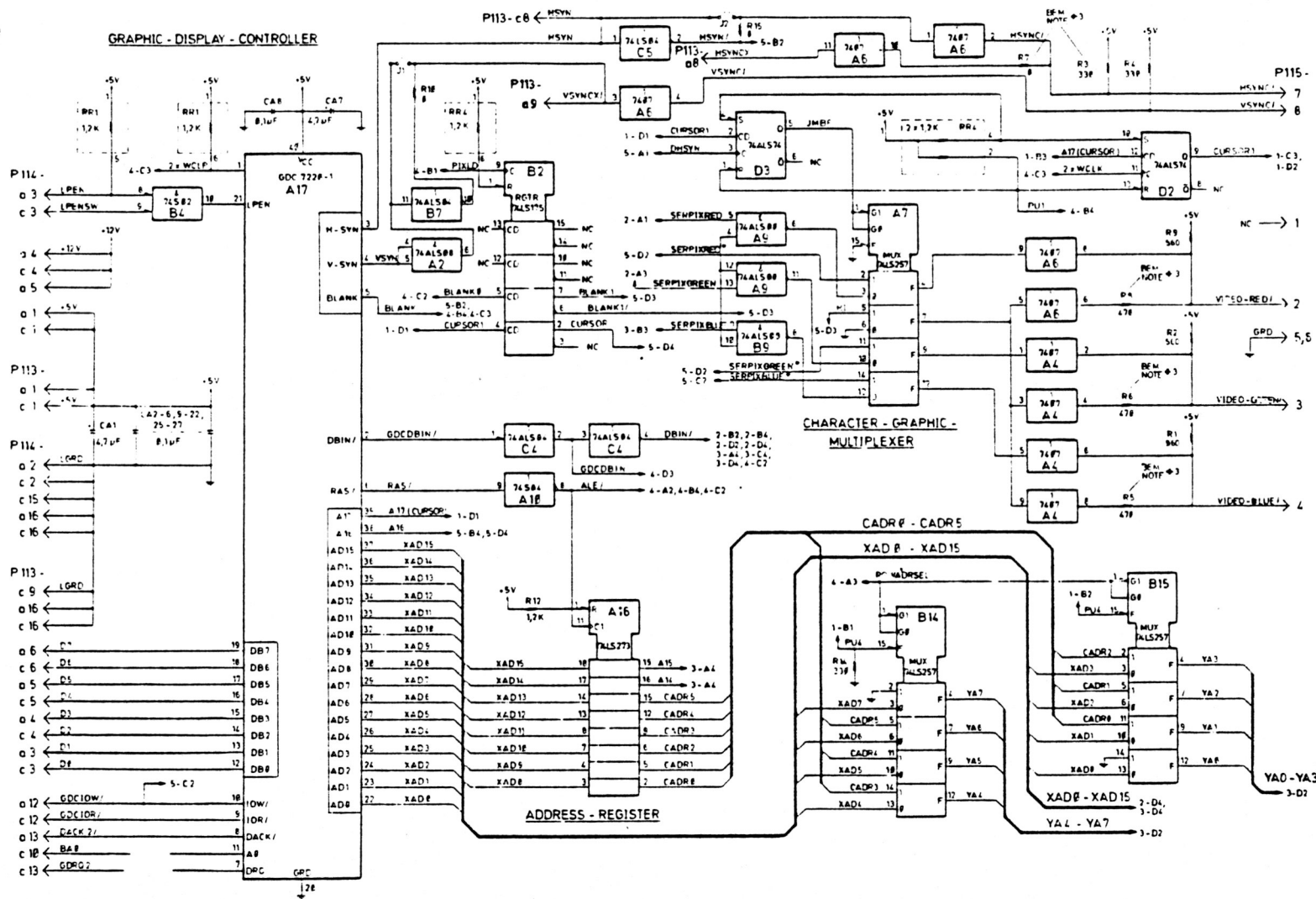




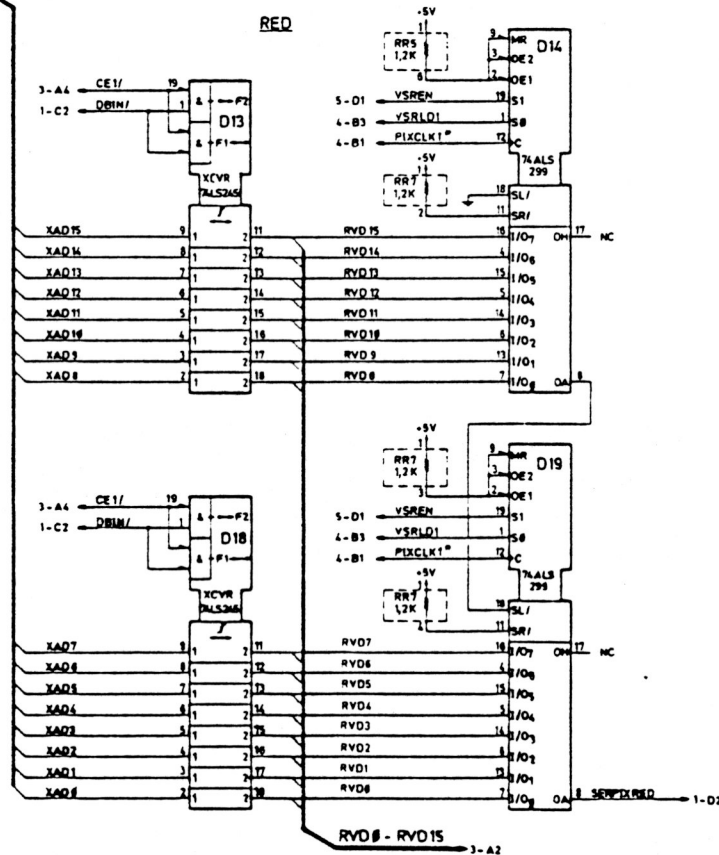
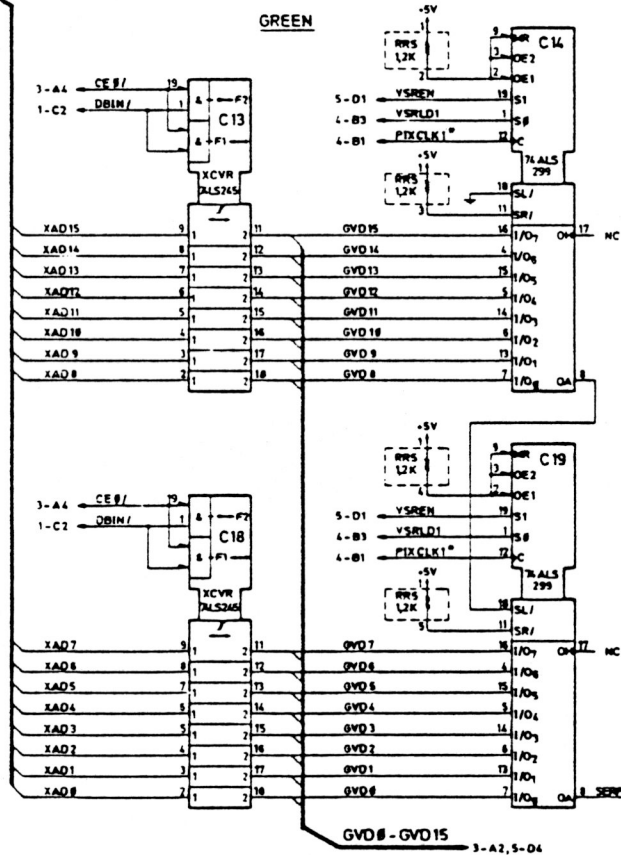


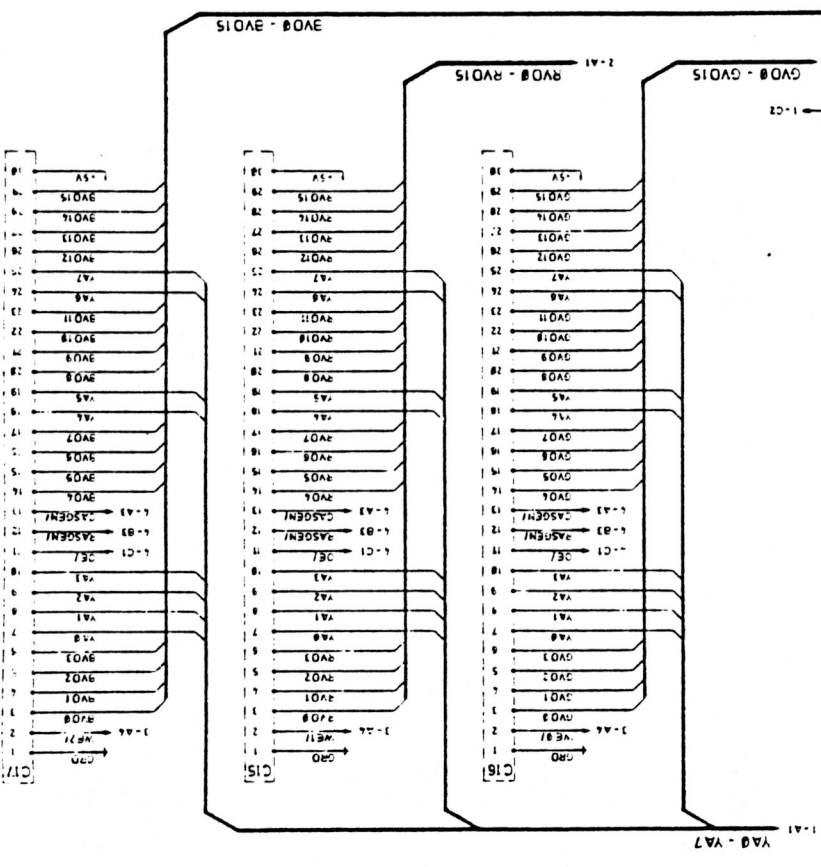
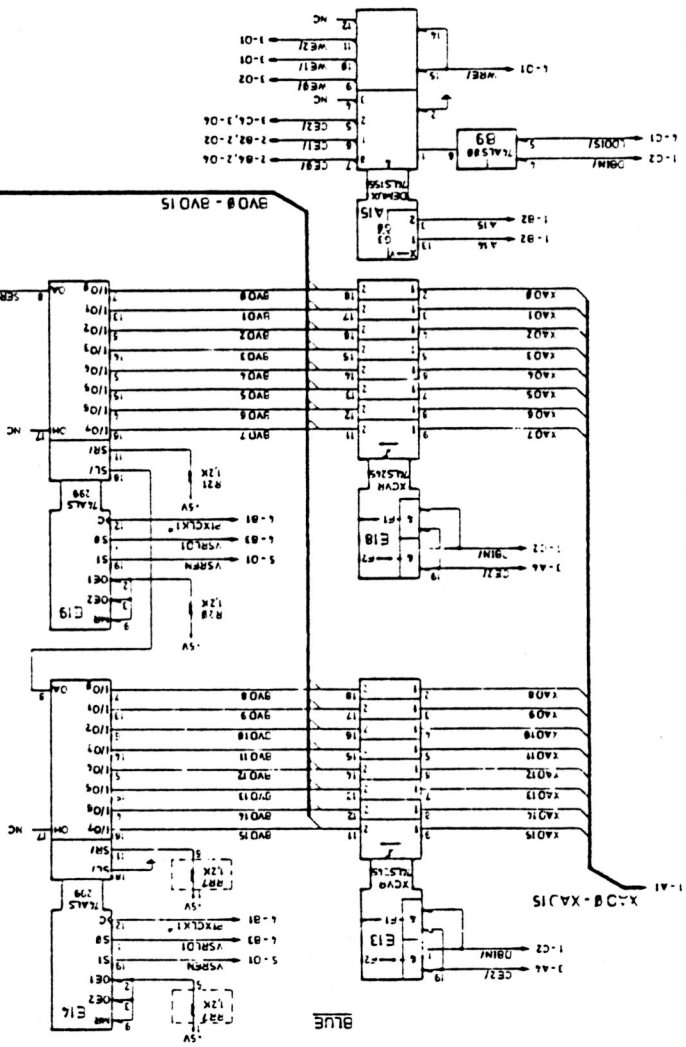


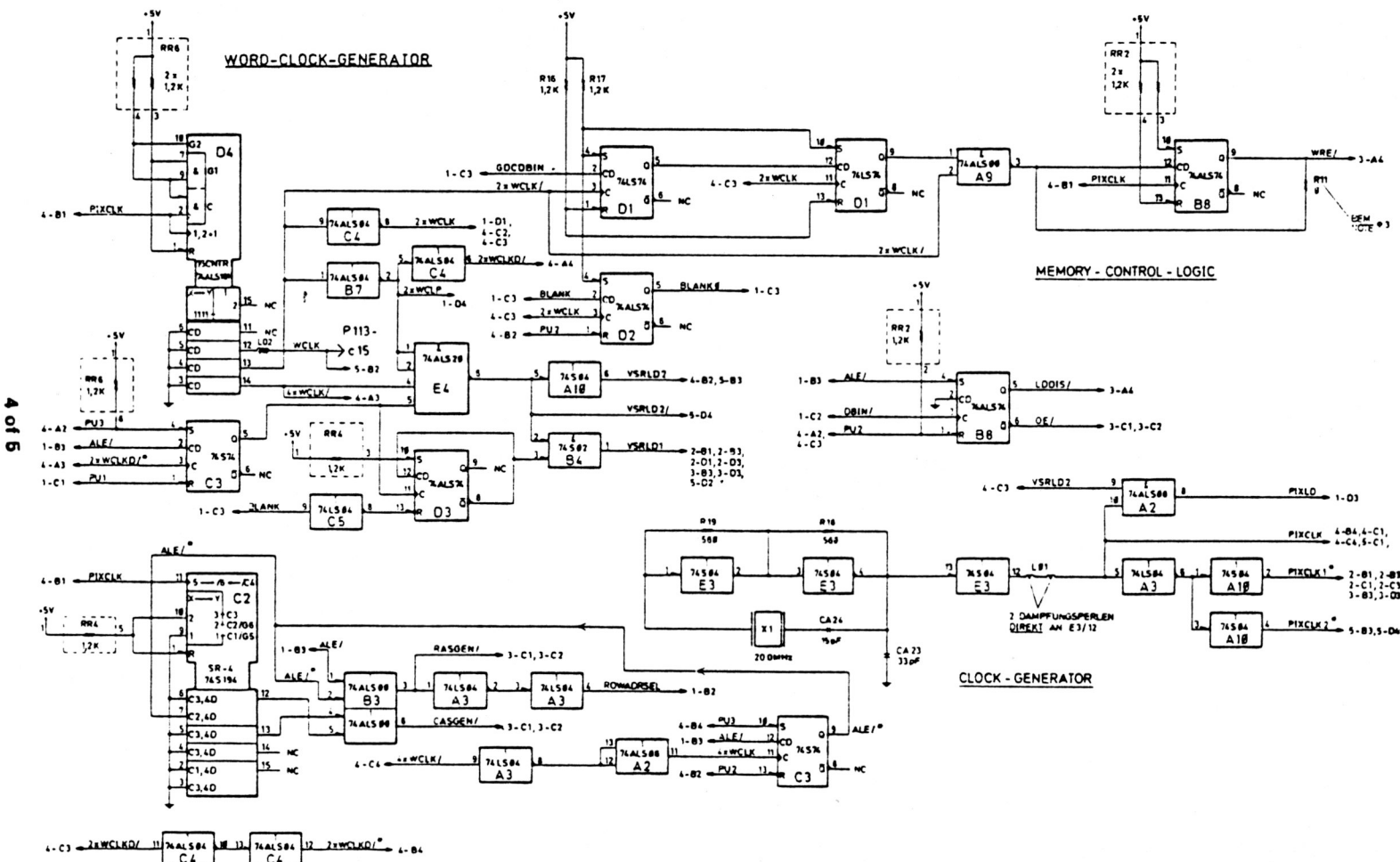


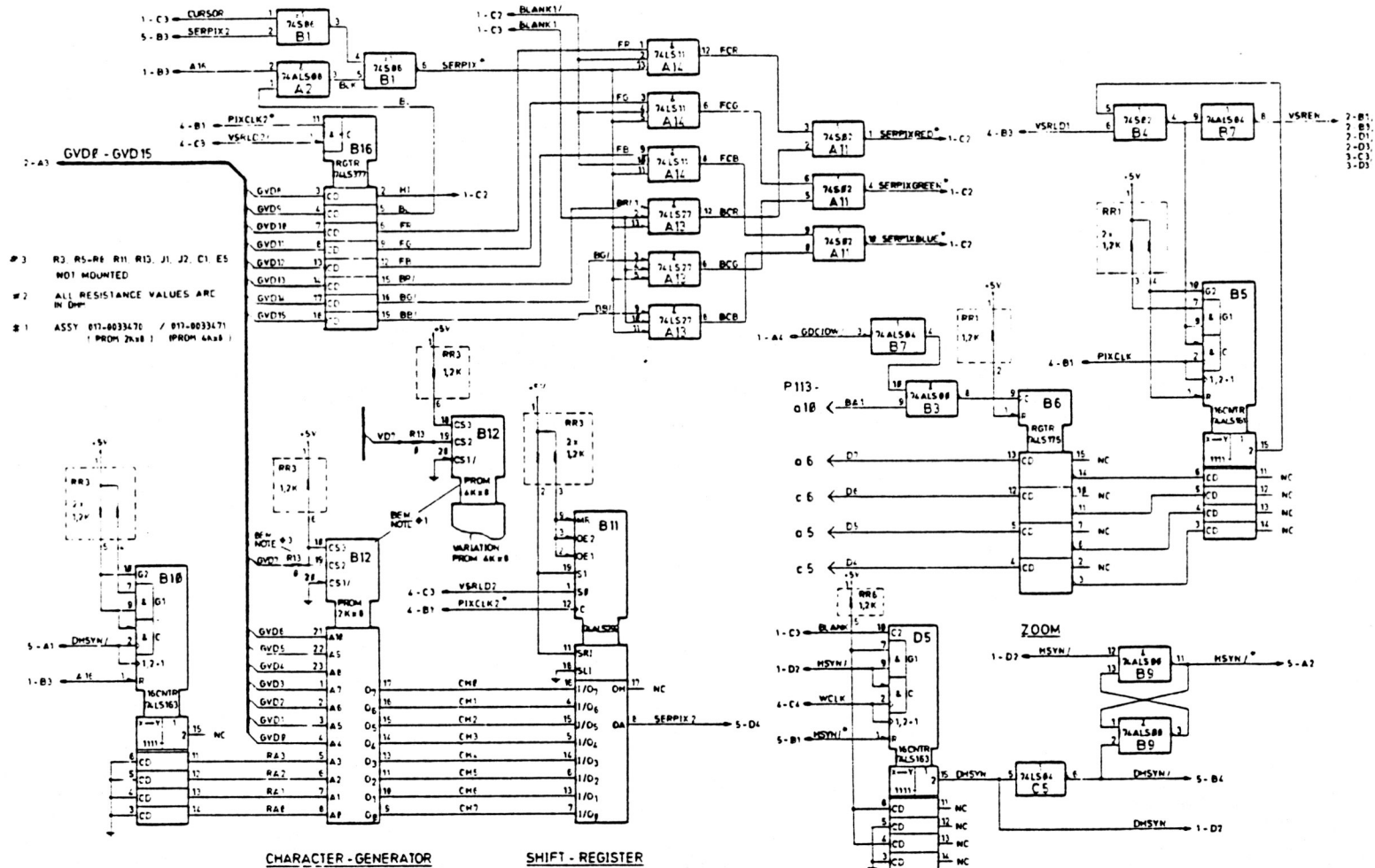


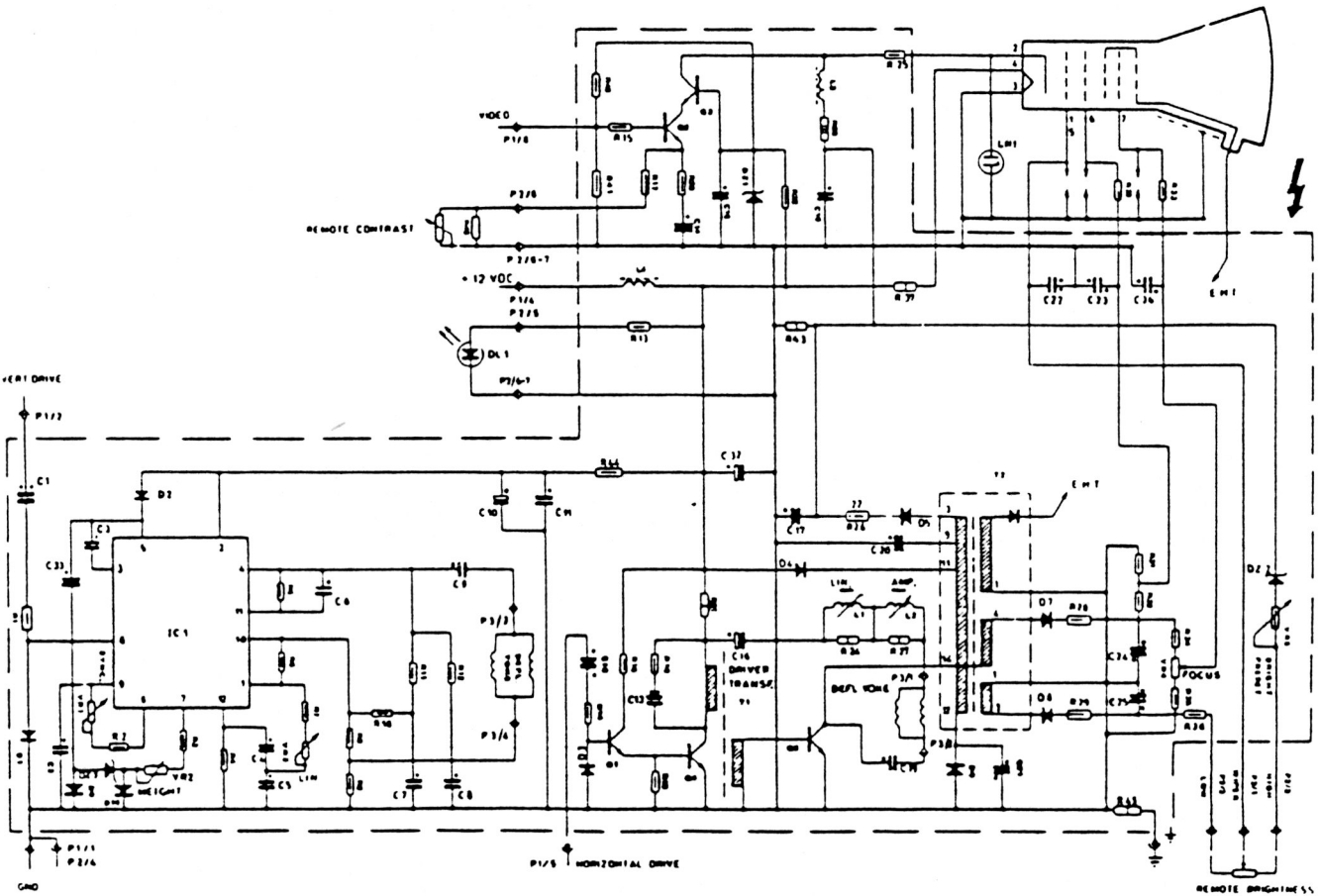
1-A1 XAD8 - XAD15

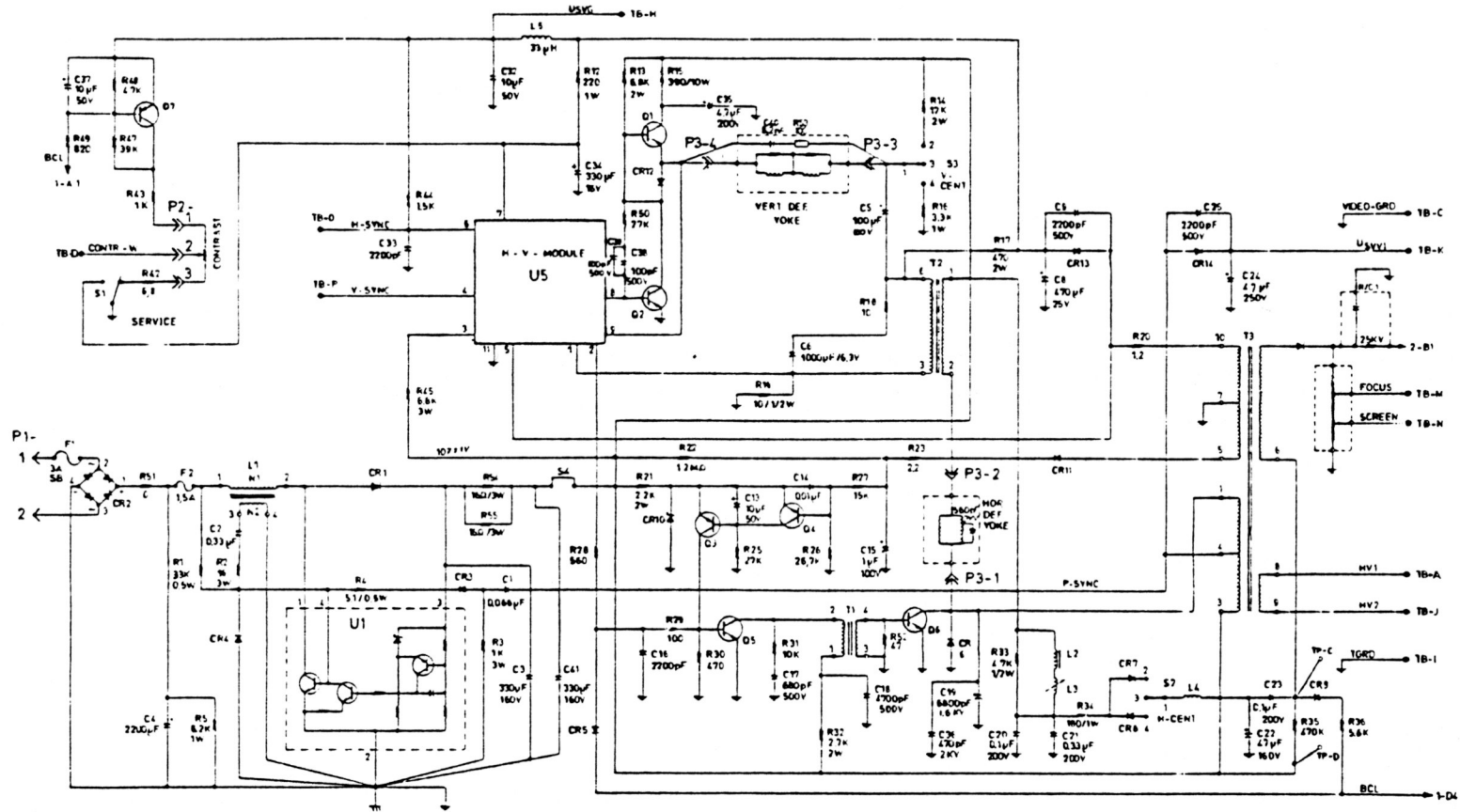




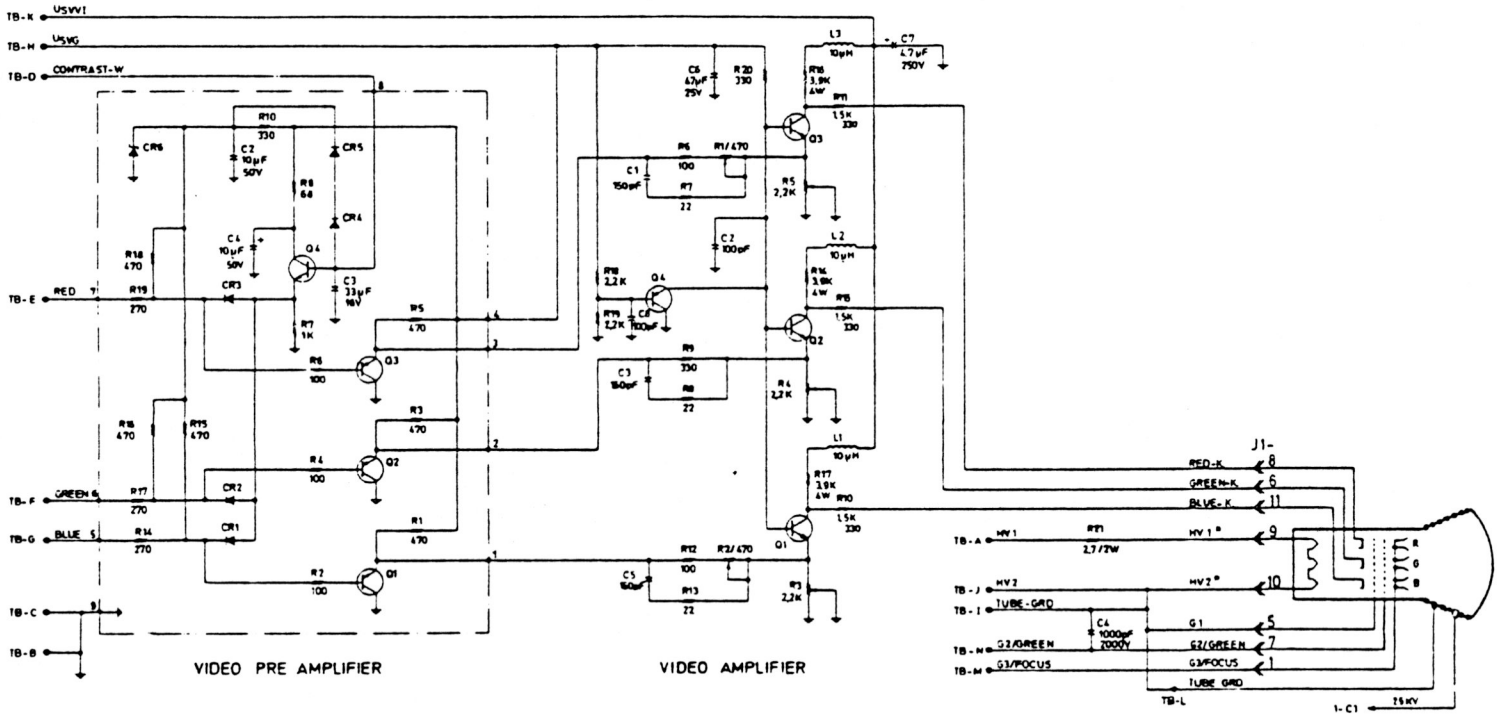






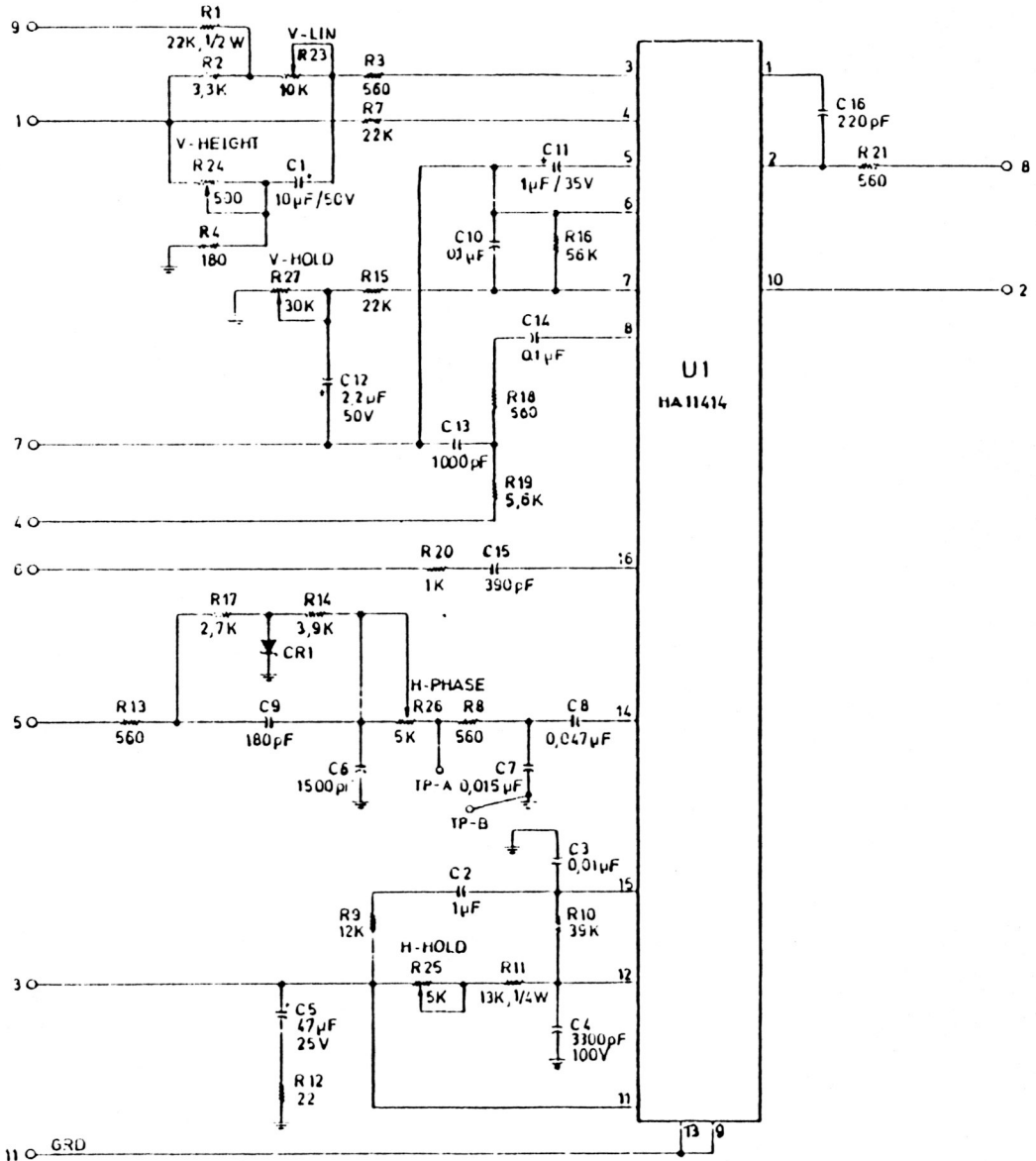


C-D ZUR STRAHLSSTROMEINSTELLUNG/
FOR BEAM CURRENT ADJUSTMENT

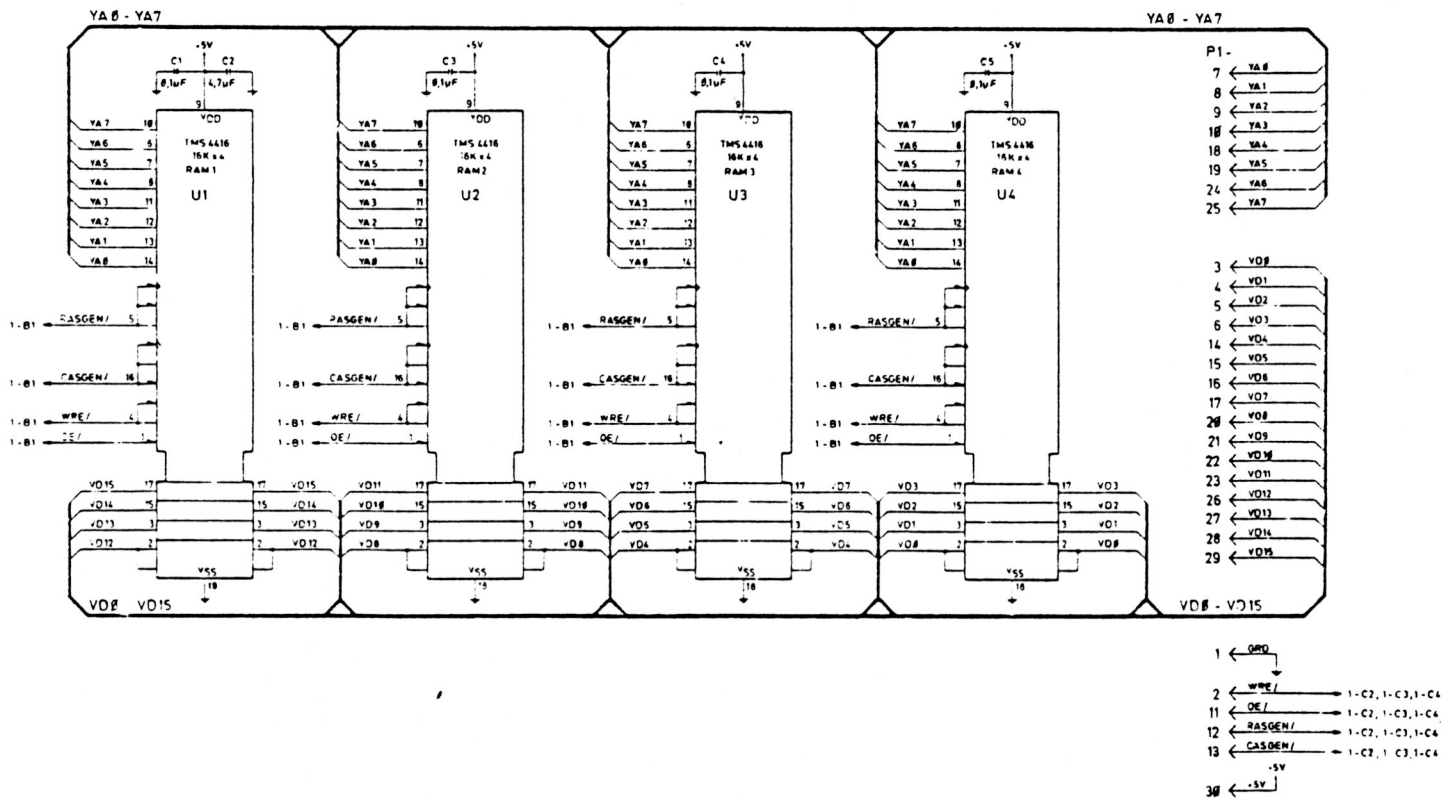


Video Deflection Color 2 of 3

H - V - OSCILLATOR

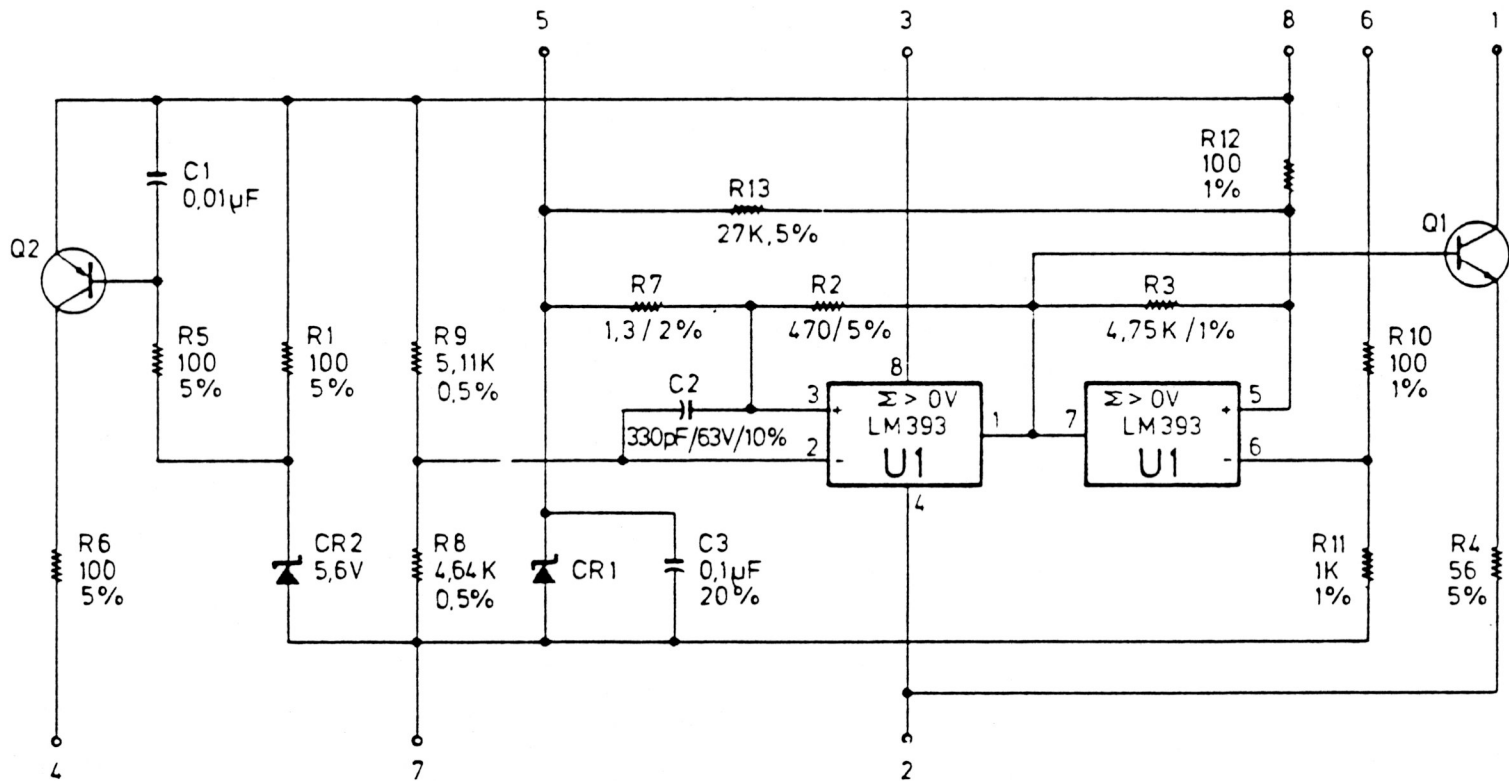


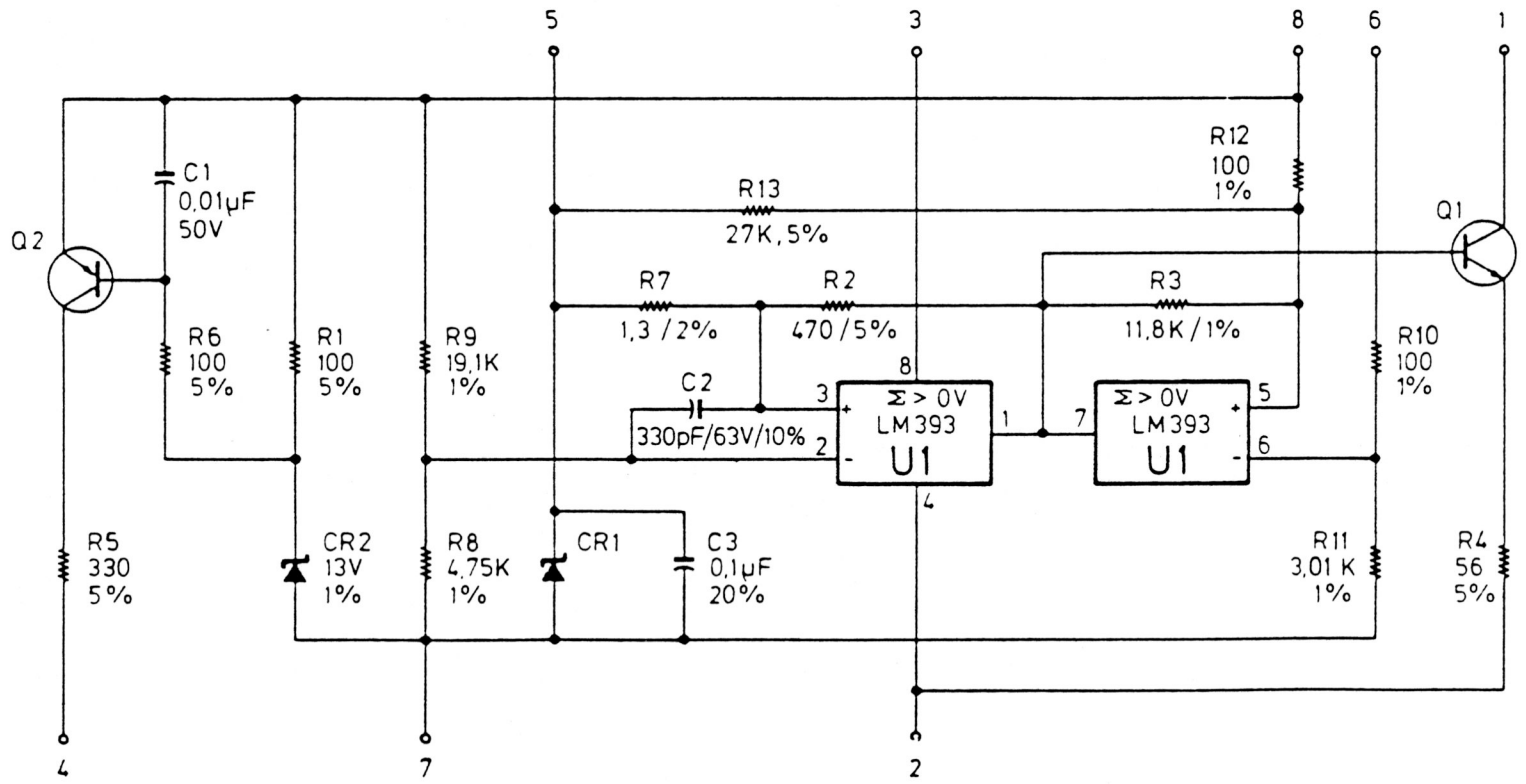
TP-A-B FOR HORIZONTAL OSCILLATOR ABGIECH KURZSCHLIESSEN
CONNECT TP-A-B FOR HORIZONTAL-OSCILLATOR-ADJUSTMENT



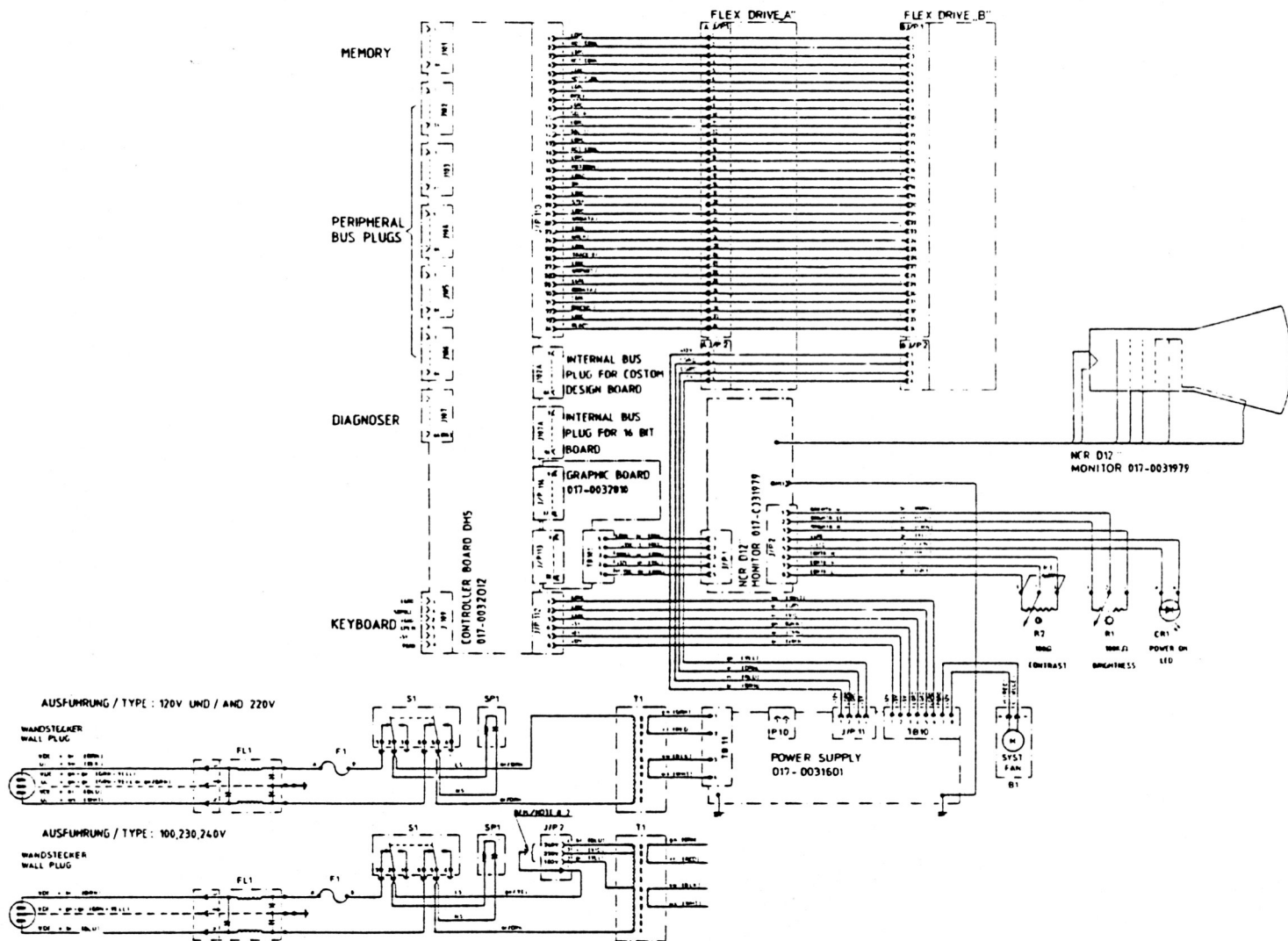
Memory Hybrid 32K 017-0032511 Rev. B

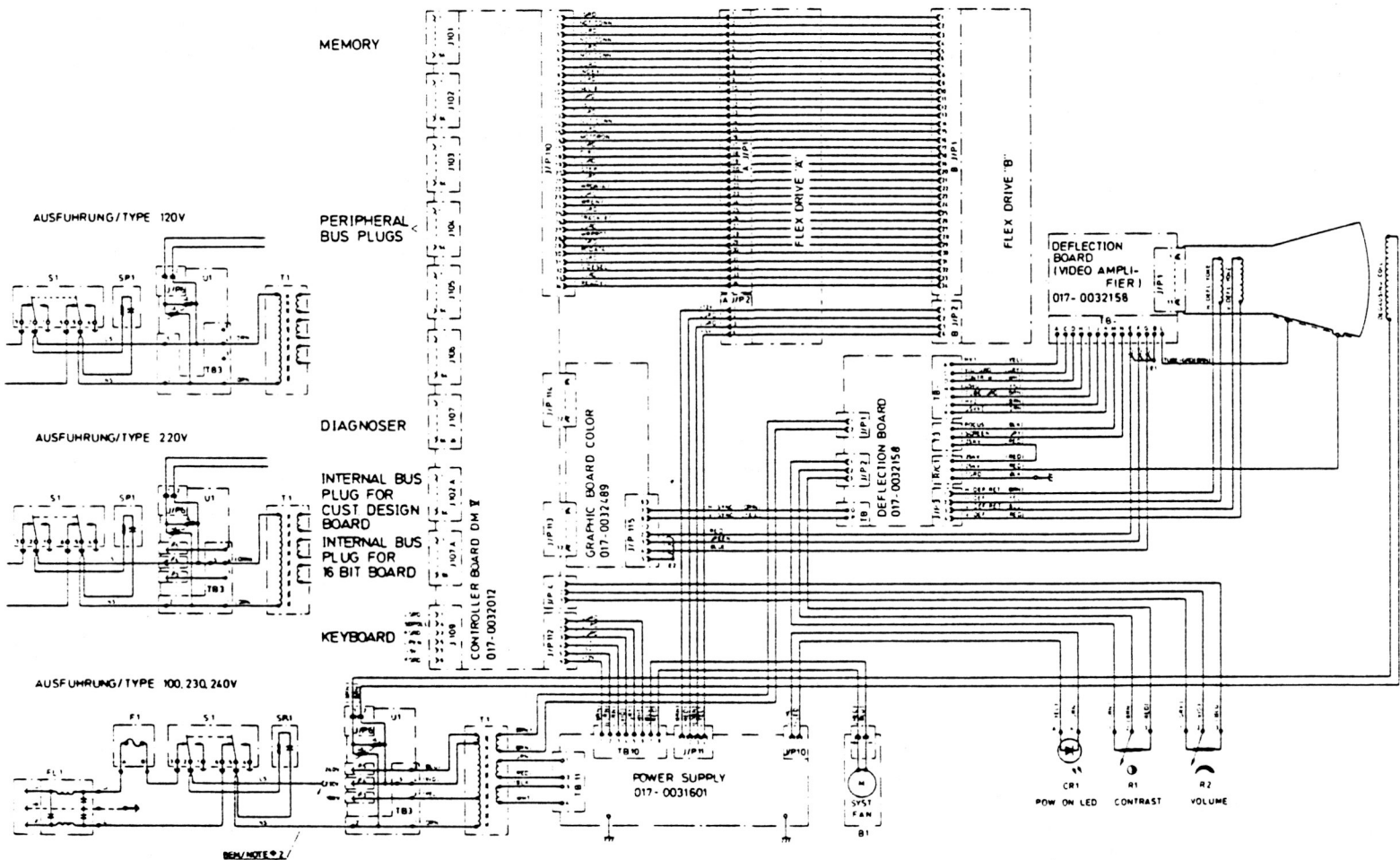
+5V Hybrid 017-0031624 Rev. D





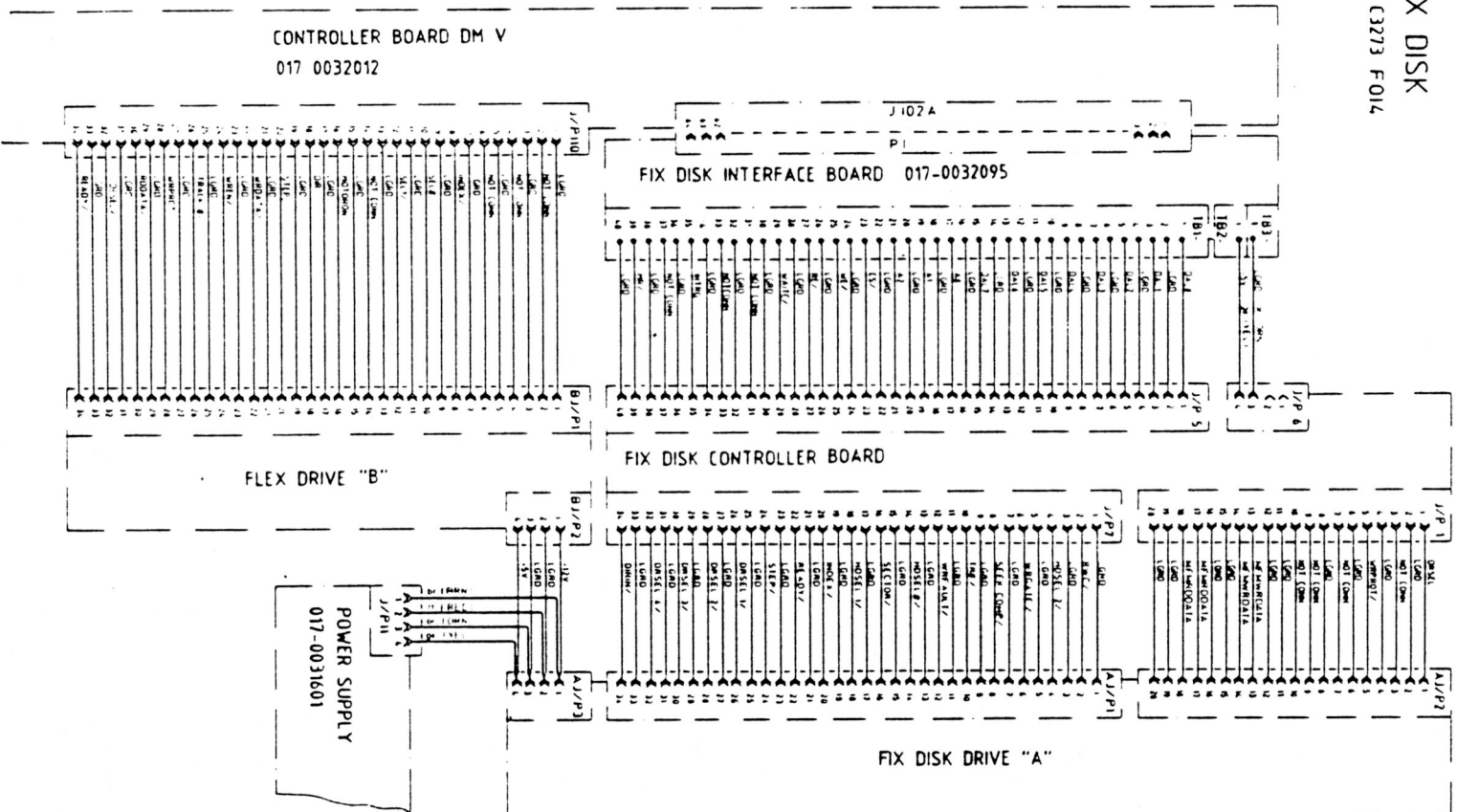
+12V Hybrid 017-0031944 Rev. D

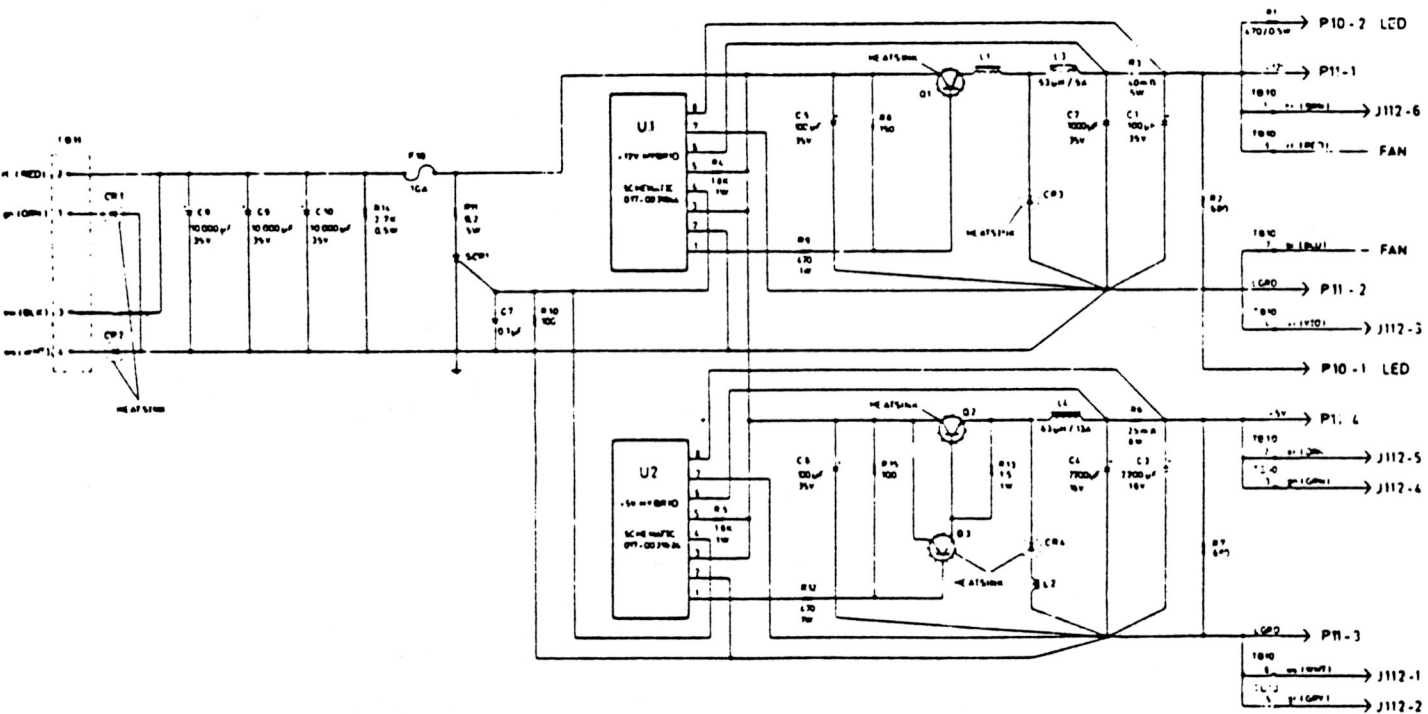




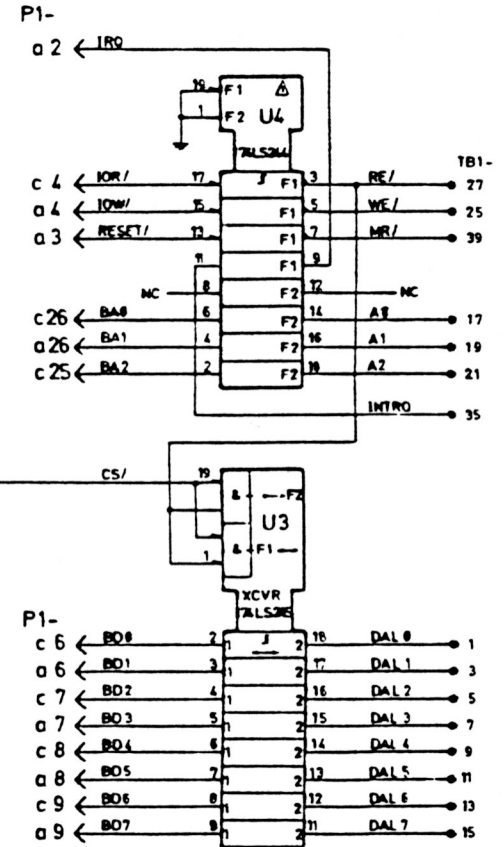
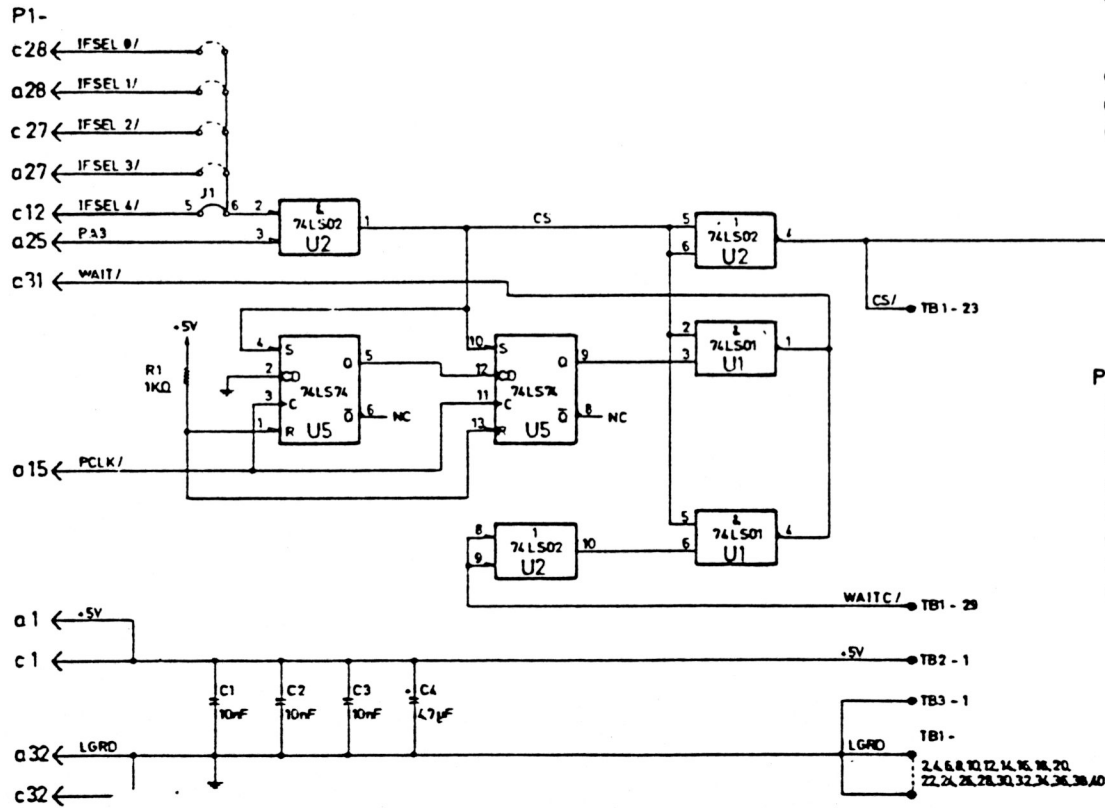
Wiring (color) 017-0031570 Rev. B 2 of 3

FIX DISK C3273 F014

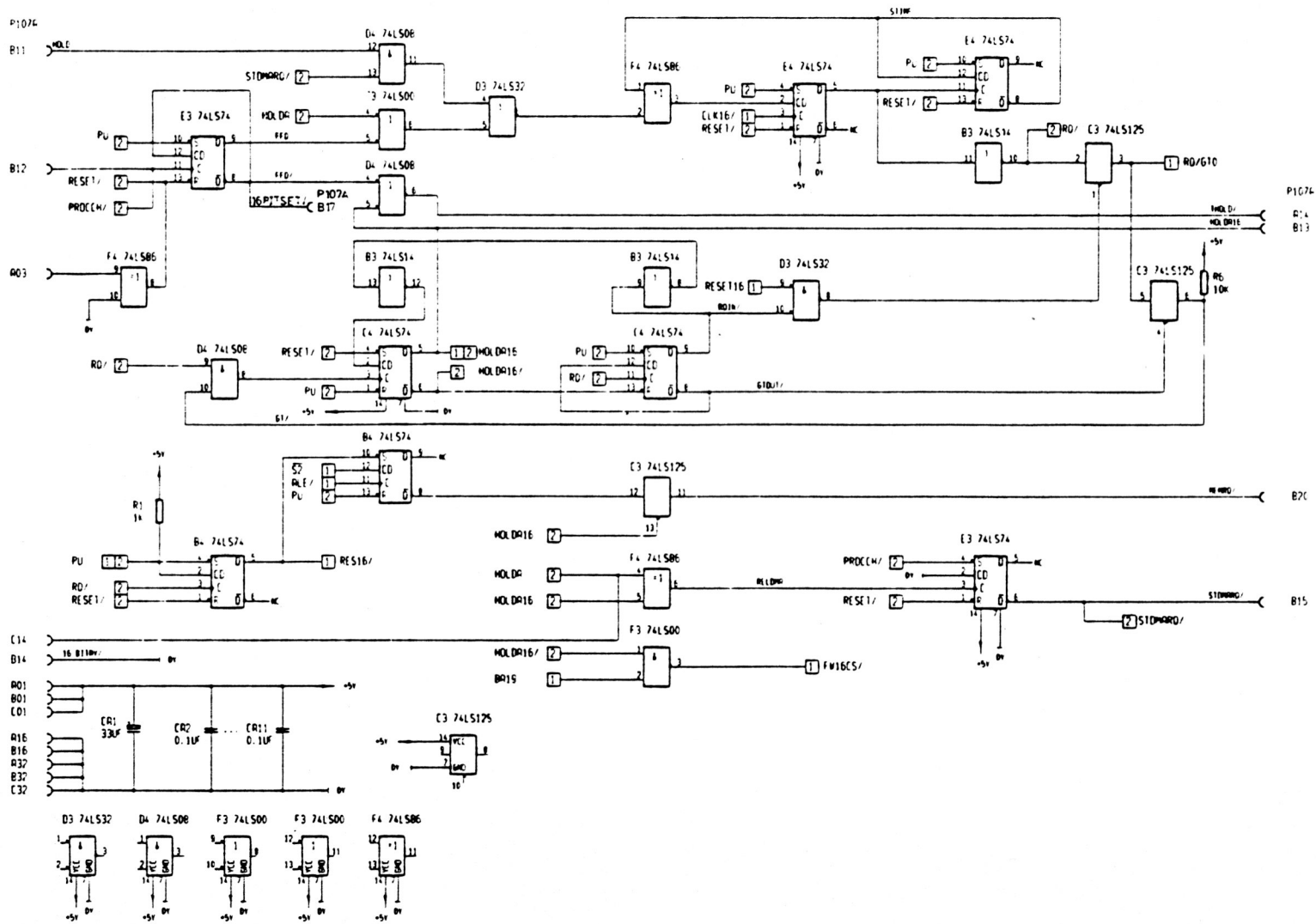




Integrated Fixed Disk Interface 017-0032095 Rev. B

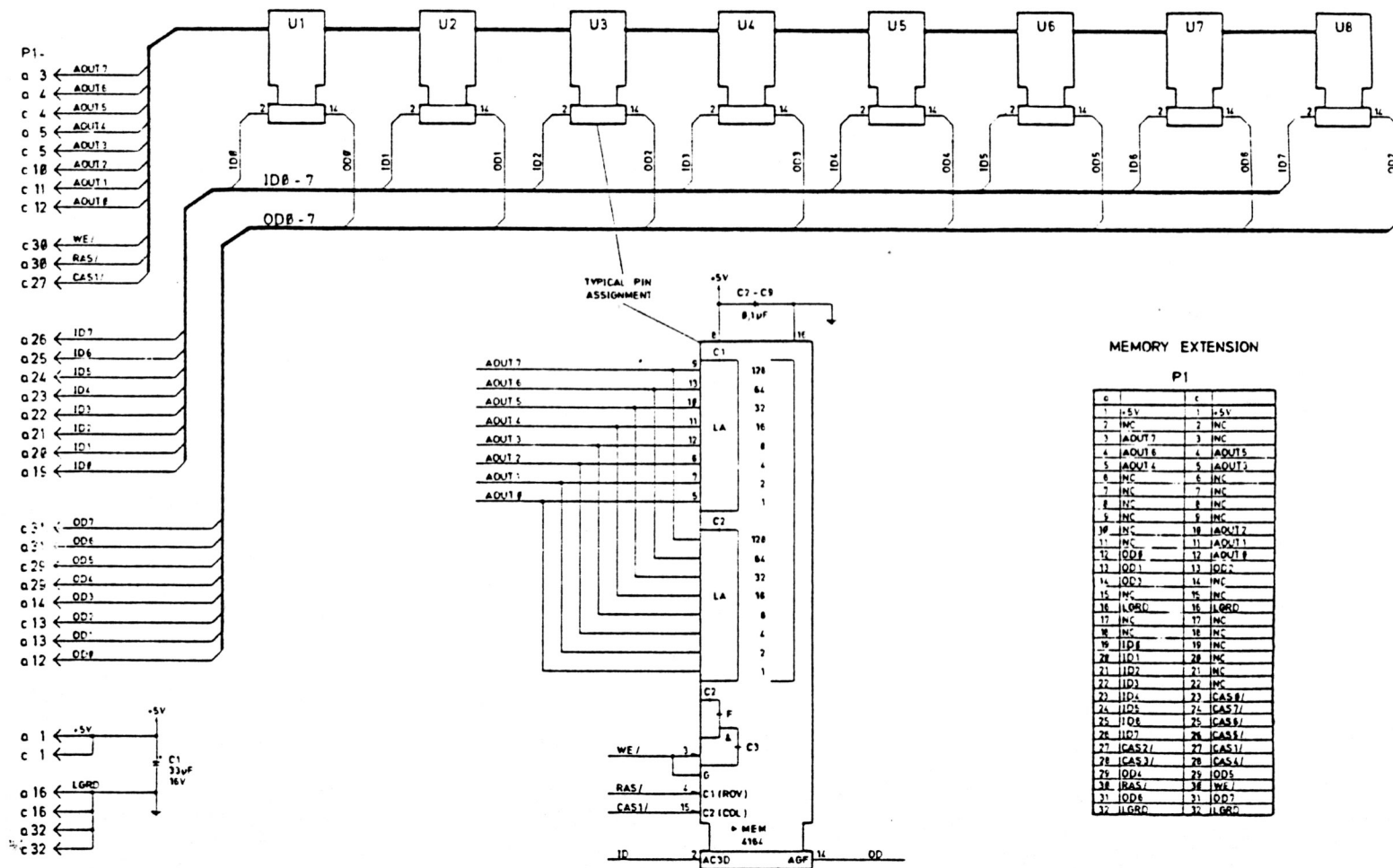




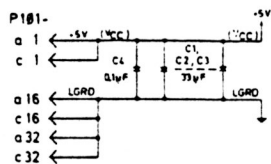
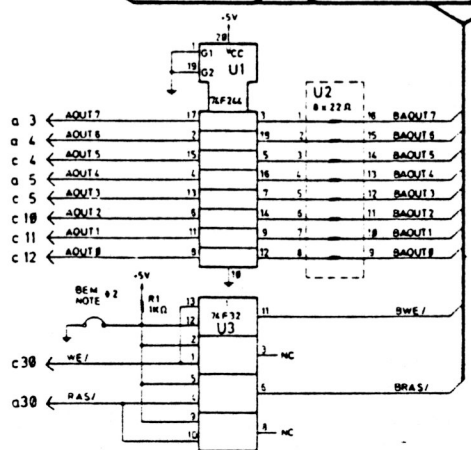
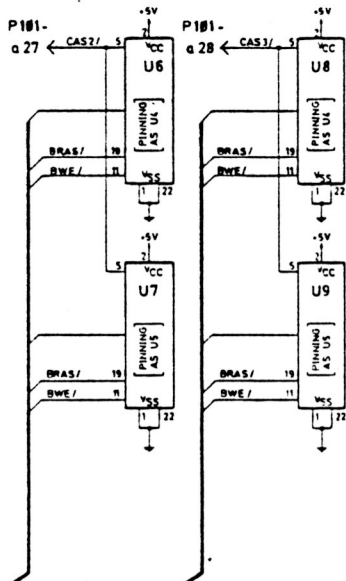
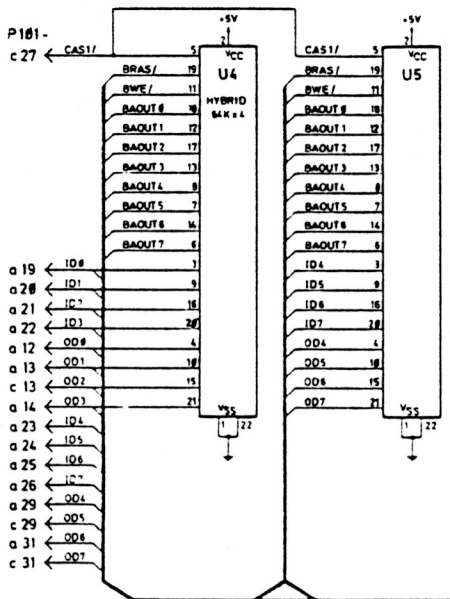




Memory Extension 64K (K200) 017-003258 Rev. A



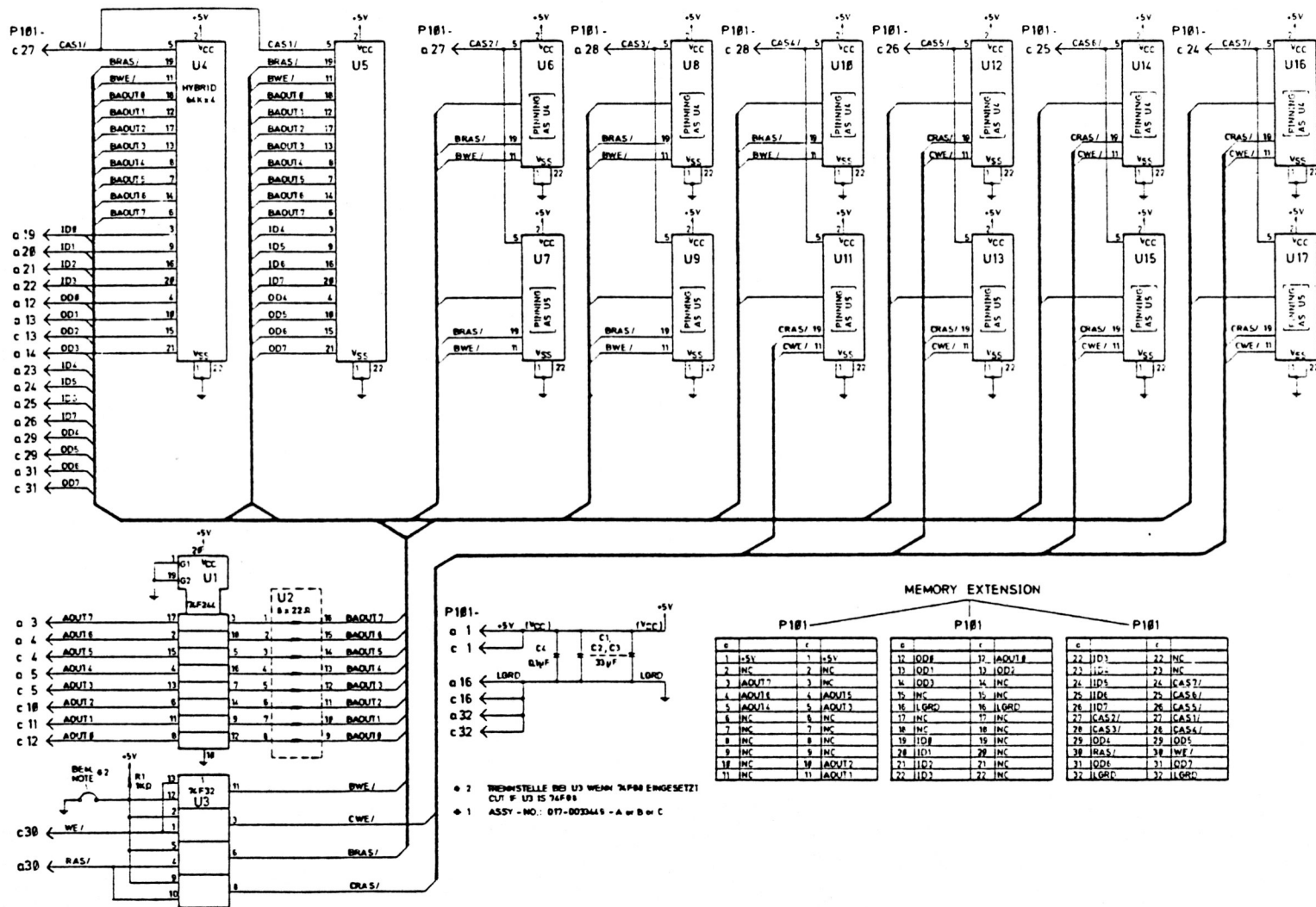
Memory Extension 192 K (K202) 017-0032138 Rev. D

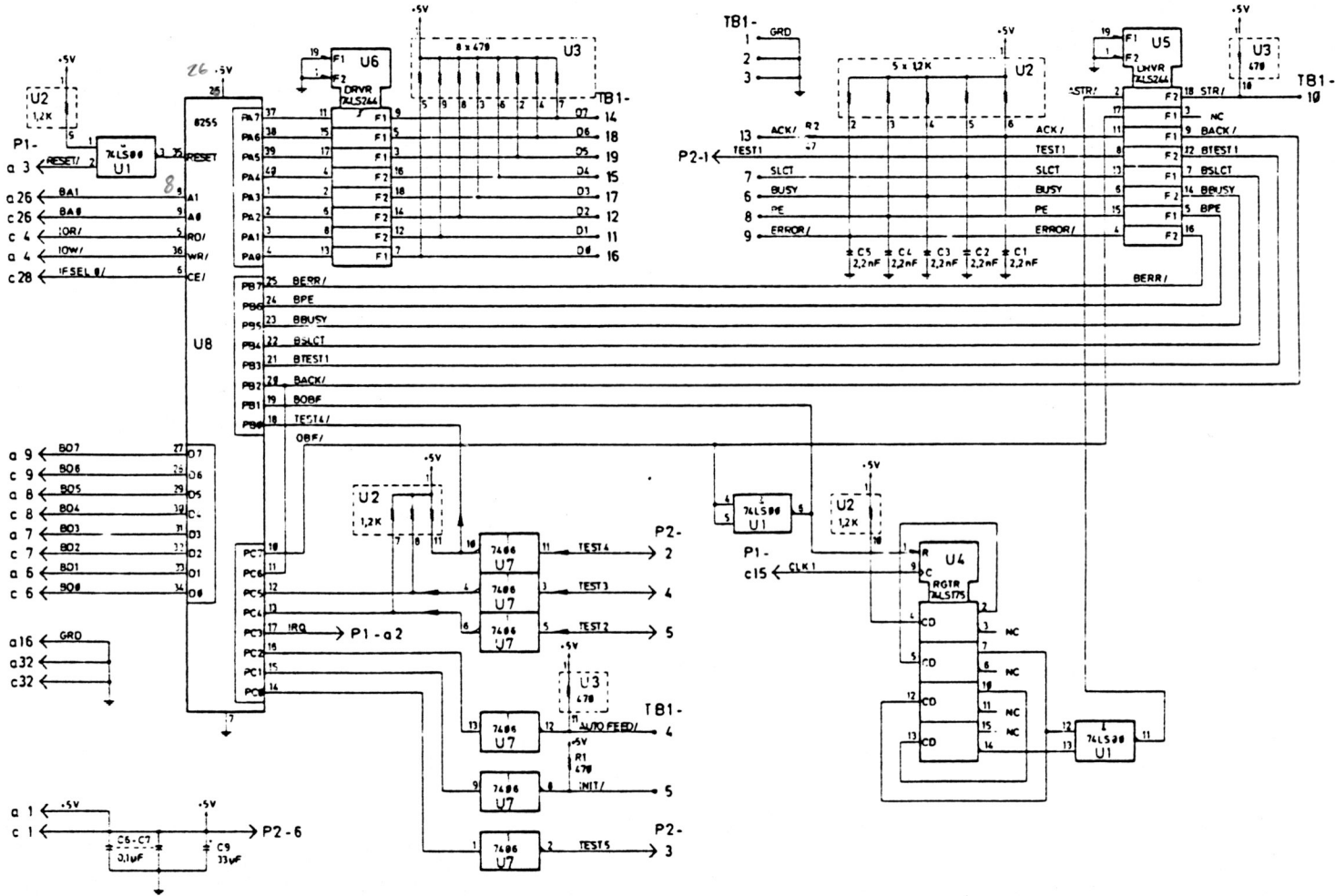


- 2 TRENNSTELLE BEI U3 WENN 74F00 EINGESETZT
CUT F. U3 IS 74F00
- 1 ASSY - NO. 017-0032130 - C = D = E

MEMORY EXTENSION

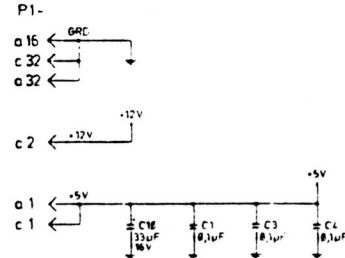
P101		P101		P101	
a	c	a	c	a	c
1 -5V	1 -5V	12 QD8	12 JAOUT 8	22 ID3	22 INC
2 INC	2 INC	13 ID01	13 ID02	23 ID4	23 INC
3 JAOUT 7	3 INC	14 ID3	14 INC	24 ID5	24 CAS7/
4 JAOUT 8	4 JAOUT 5	15 INC	15 INC	25 ID6	25 CAS8/
5 JAOUT 4	5 JAOUT 3	16 LGND	16 LGND	26 ID7	26 CAS9/
6 INC	6 INC	17 INC	17 INC	27 CAS3/	27 CAS3/
7 INC	7 INC	18 INC	18 INC	28 CAS3/	28 CAS8/
8 INC	8 INC	19 ID8	19 INC	29 ID4	29 ID05
9 INC	9 INC	20 ID1	20 INC	30 IRAS/	30 WE/
10 INC	10 JAOUT 2	21 ID2	21 INC	31 ID6	31 ID07
11 INC	11 JAOUT 1	22 ID3	22 INC	32 LGND	32 LGND

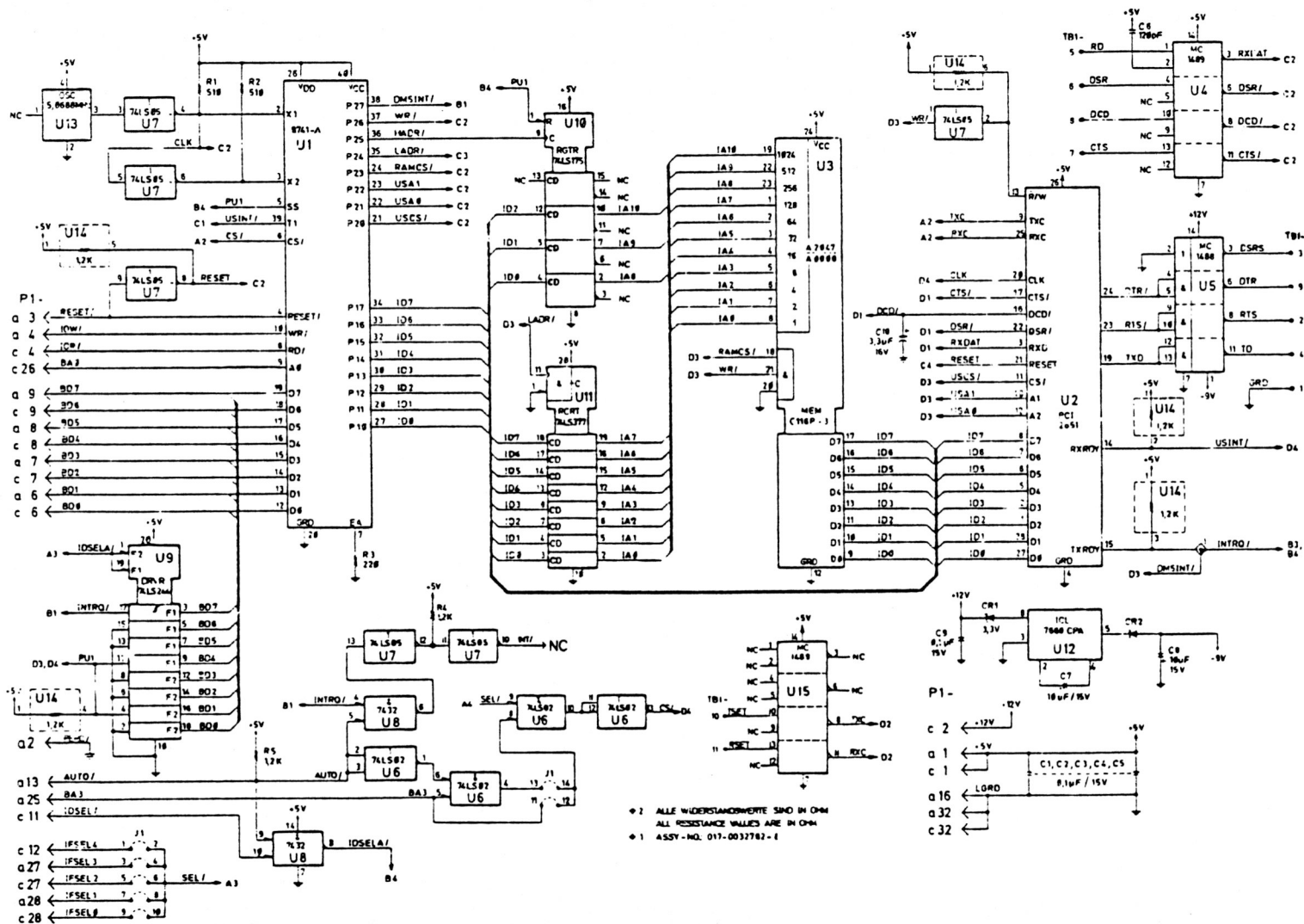




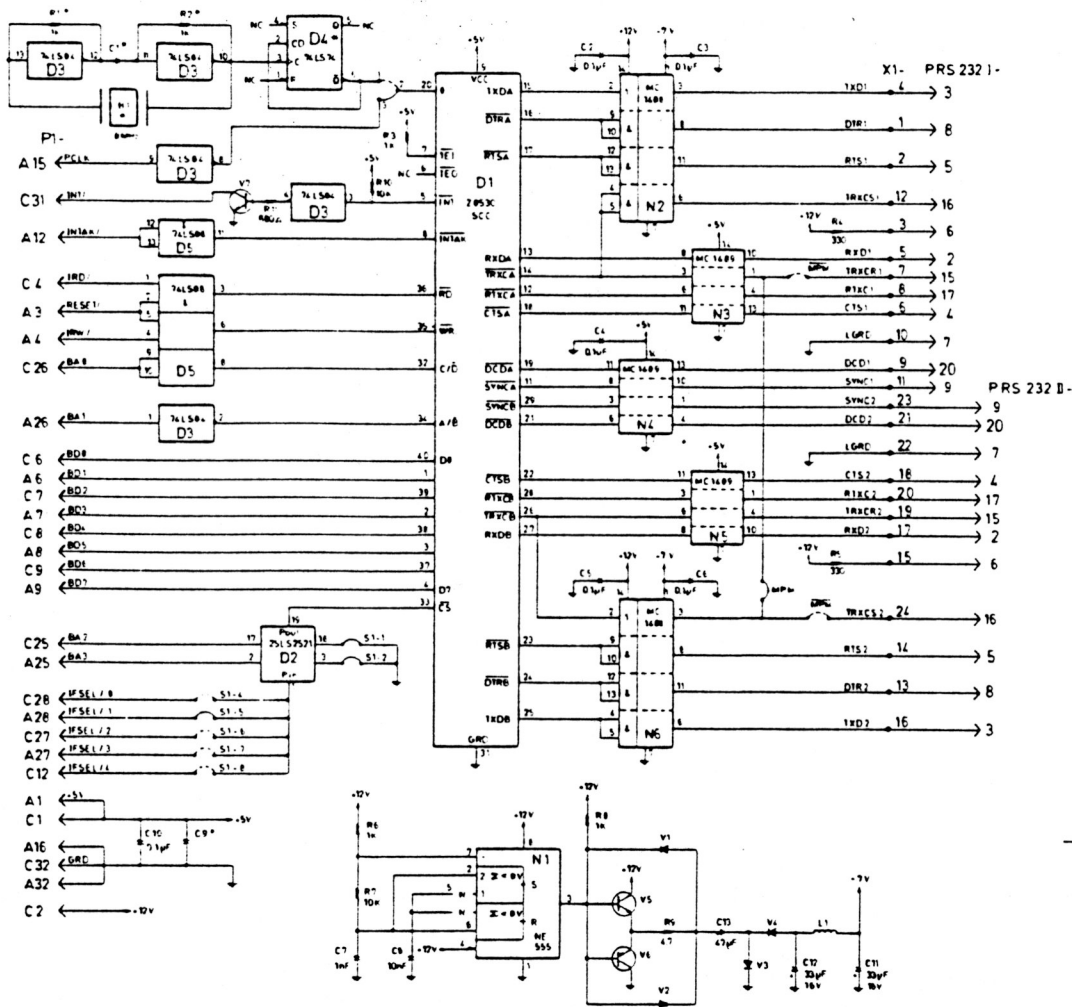
017-0033415

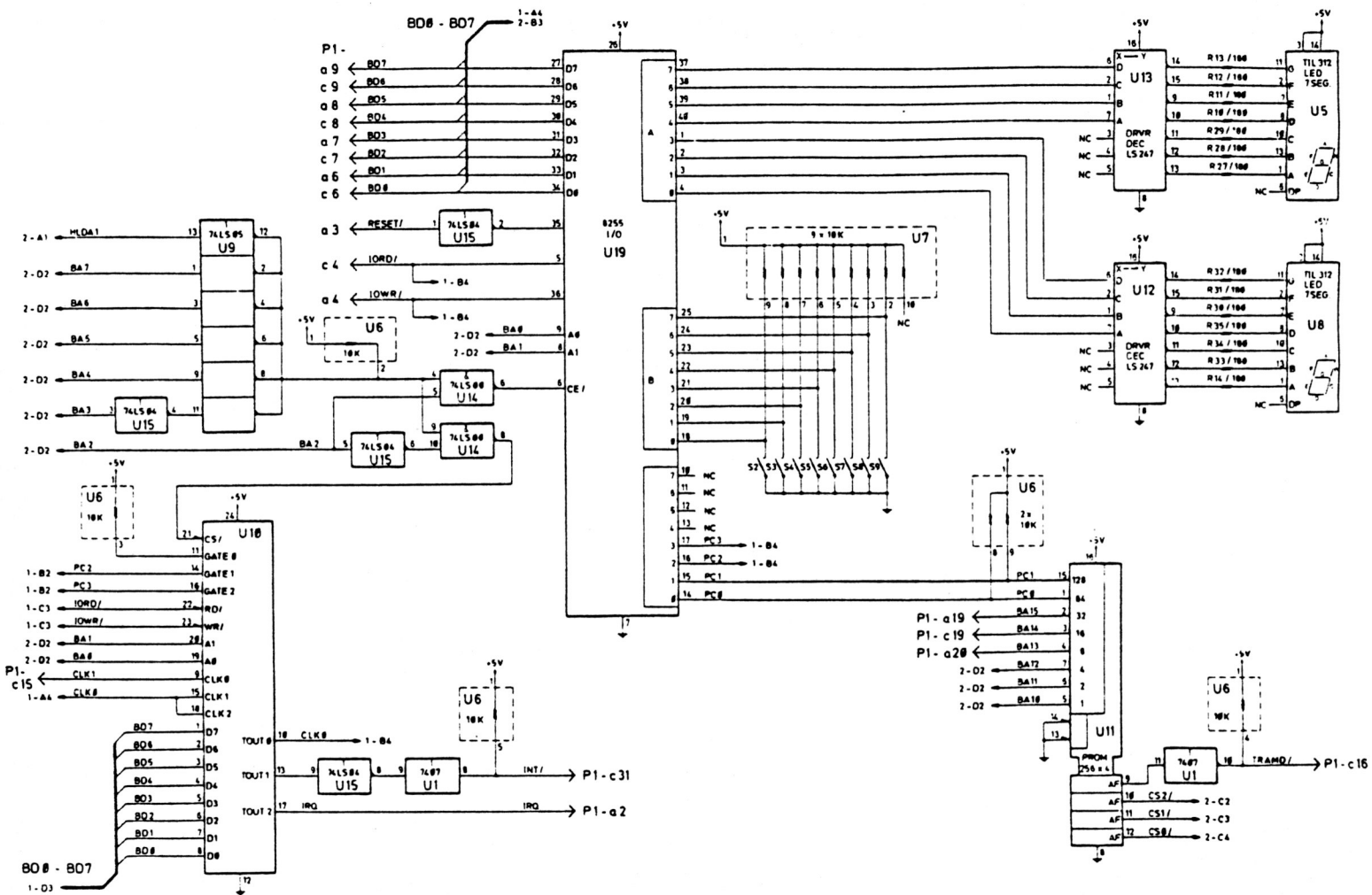
RS-232-C Interface (K211/212/213) 017-0031865 Rev. C



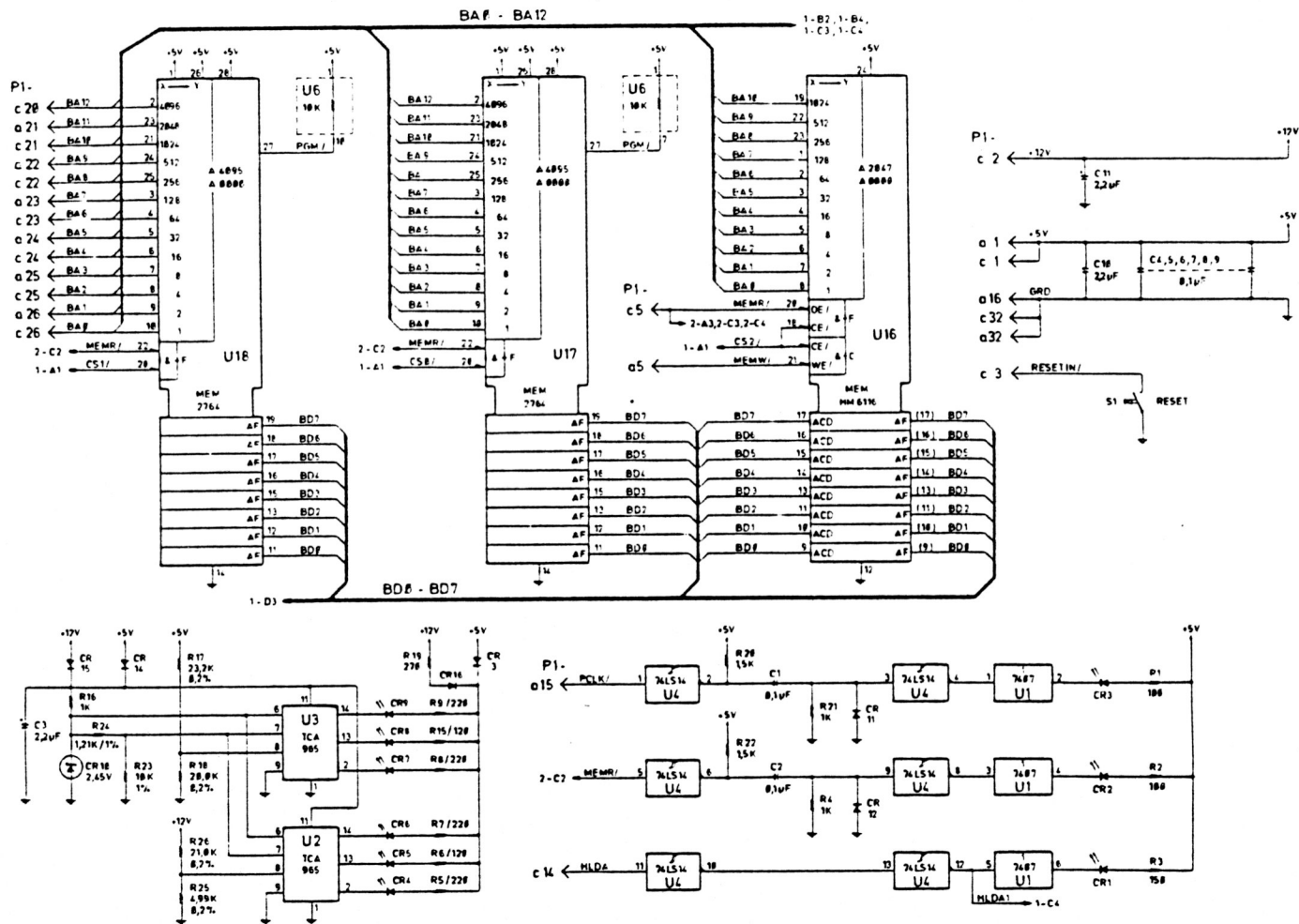


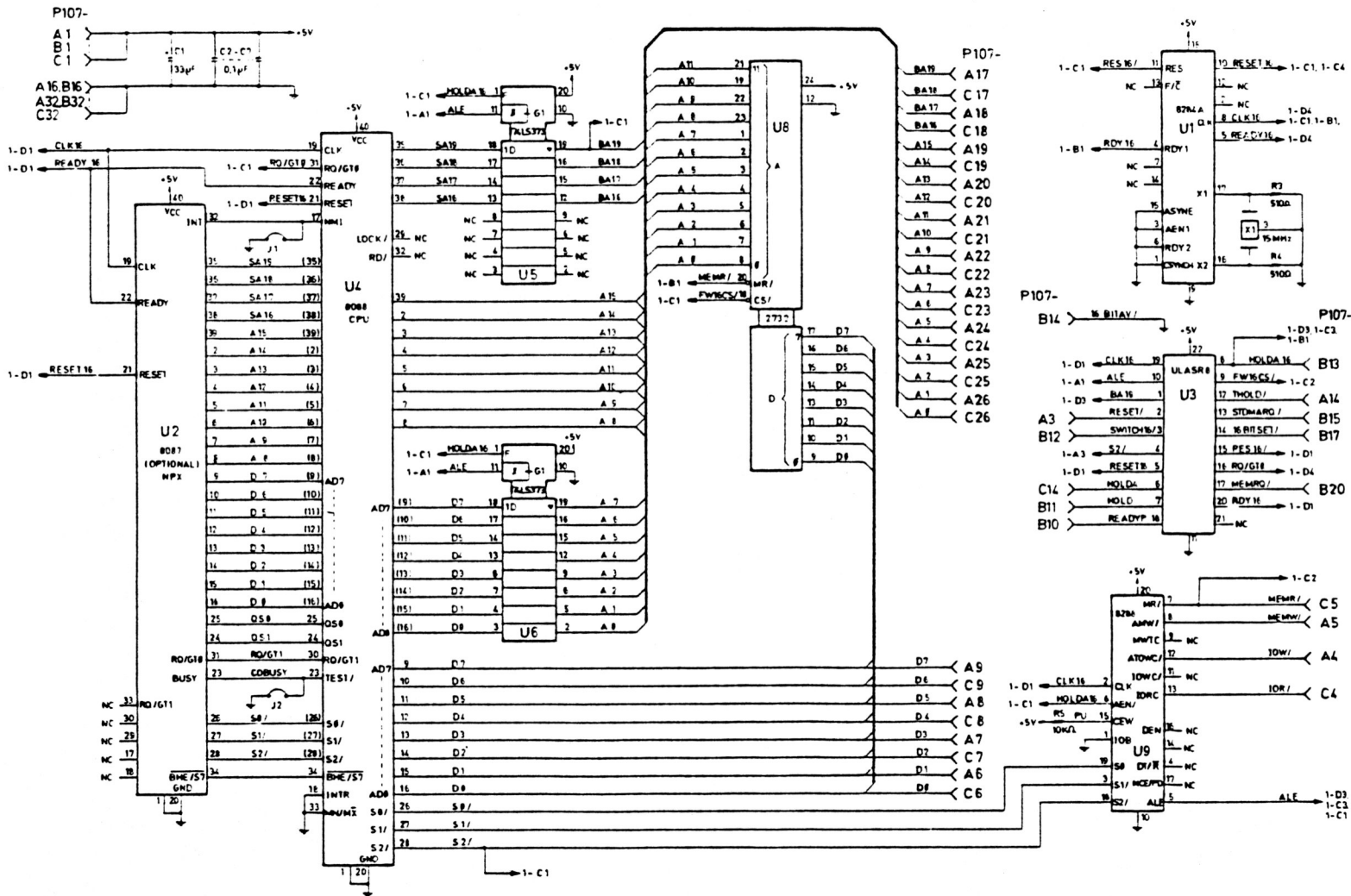
SCC Communication Interface (K216) 017-0033564 Rev. B

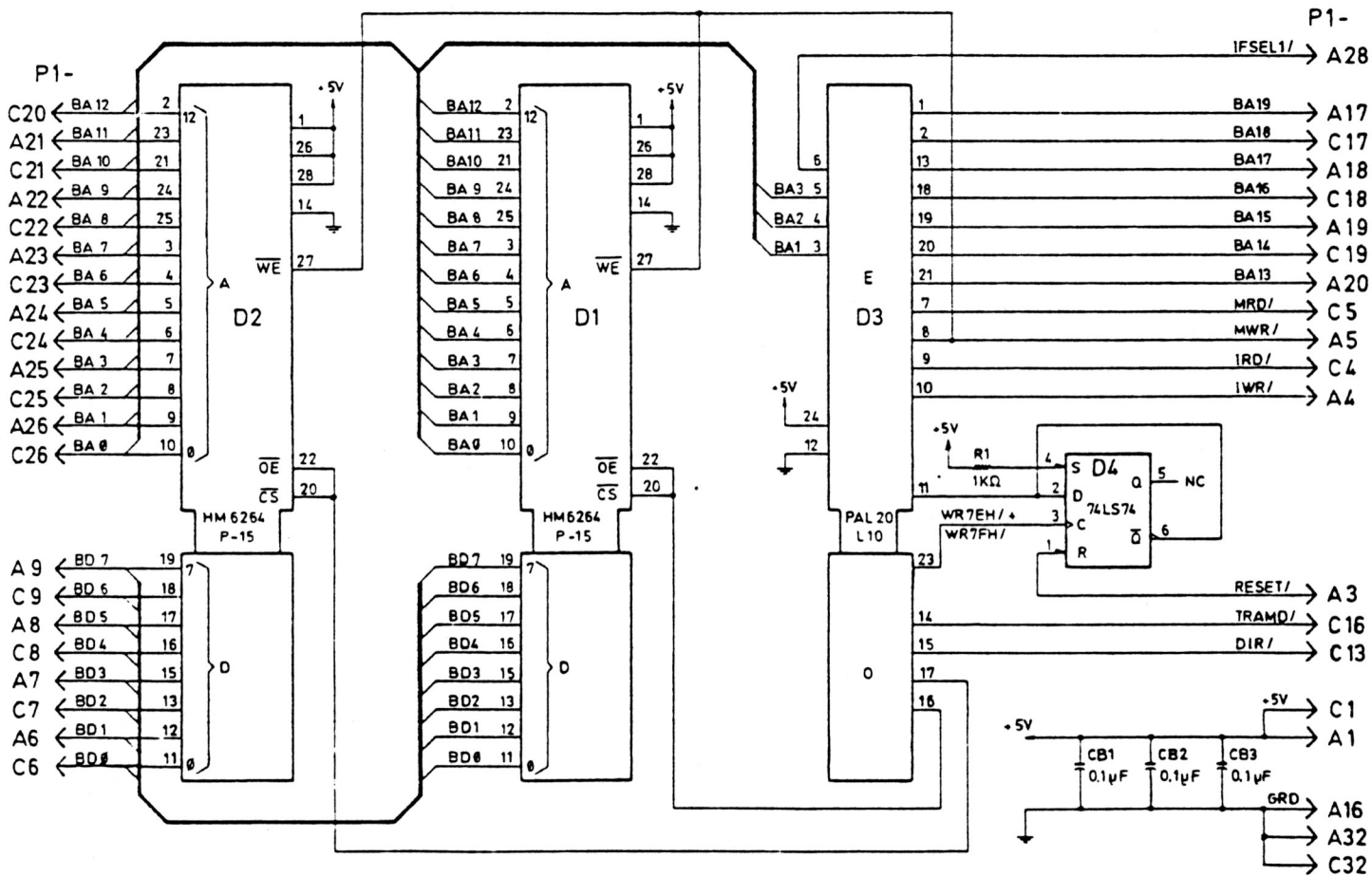


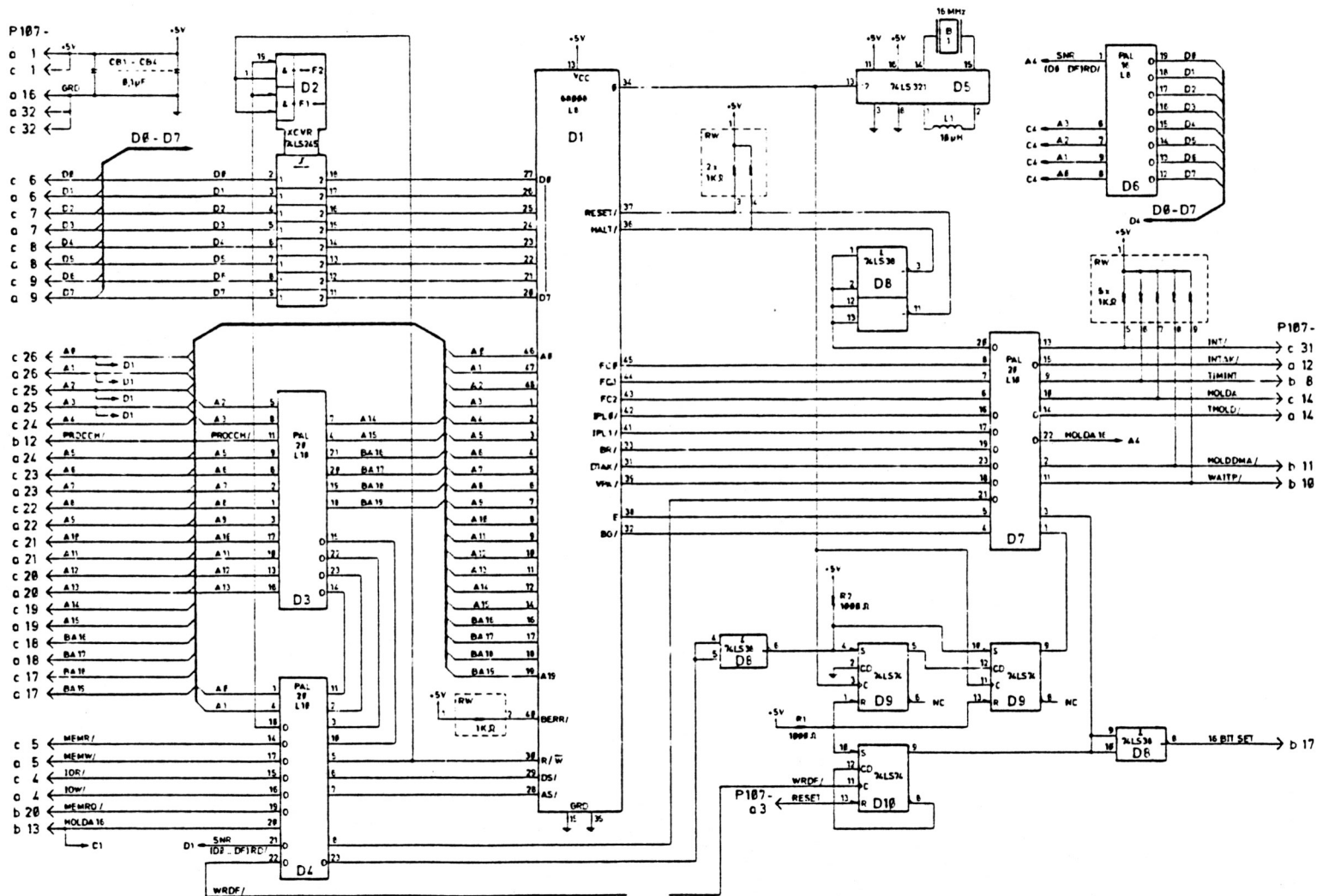


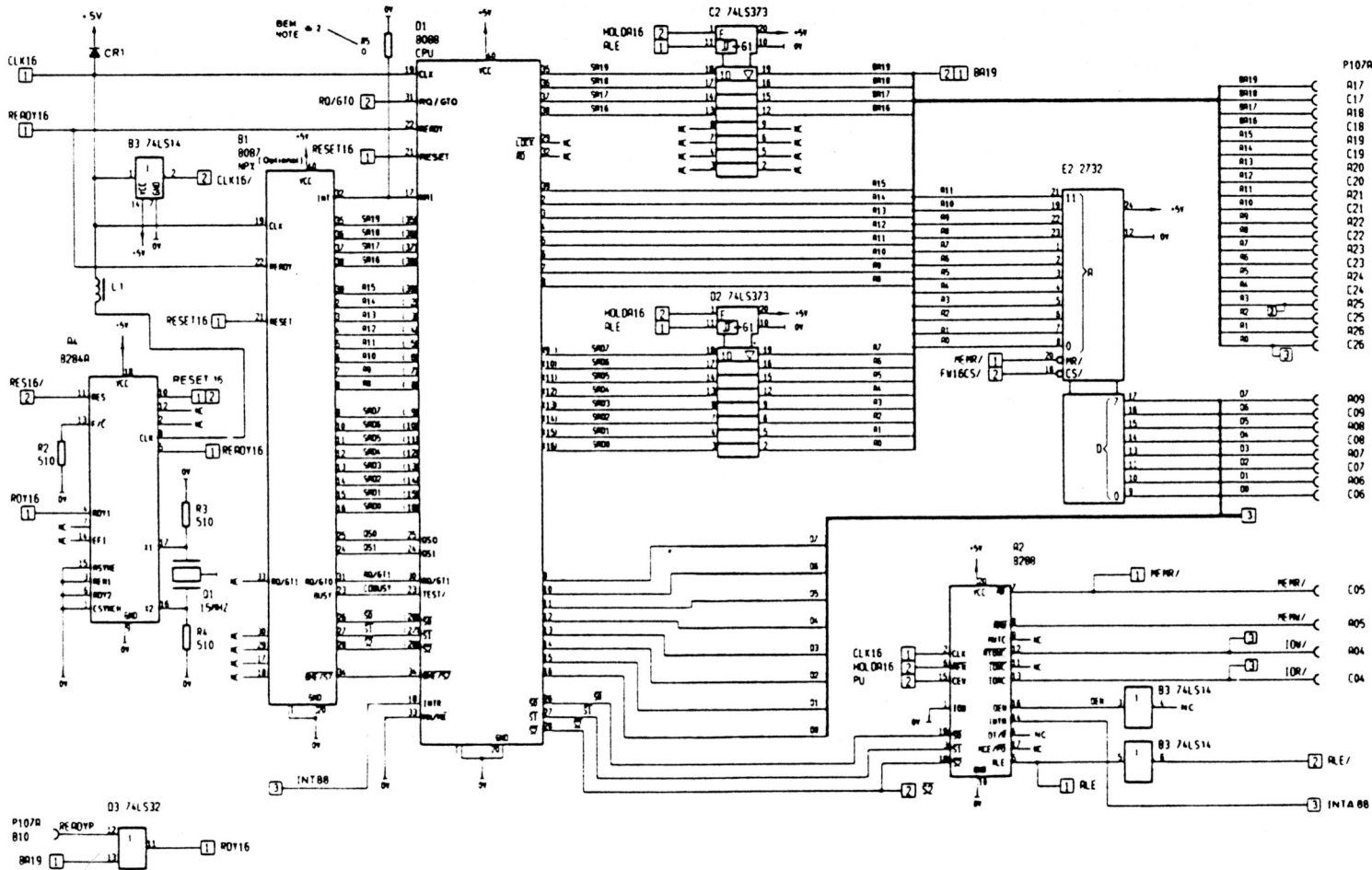
Diagnostic Module (K220) 017-0031874 Rev. B 1 of 2



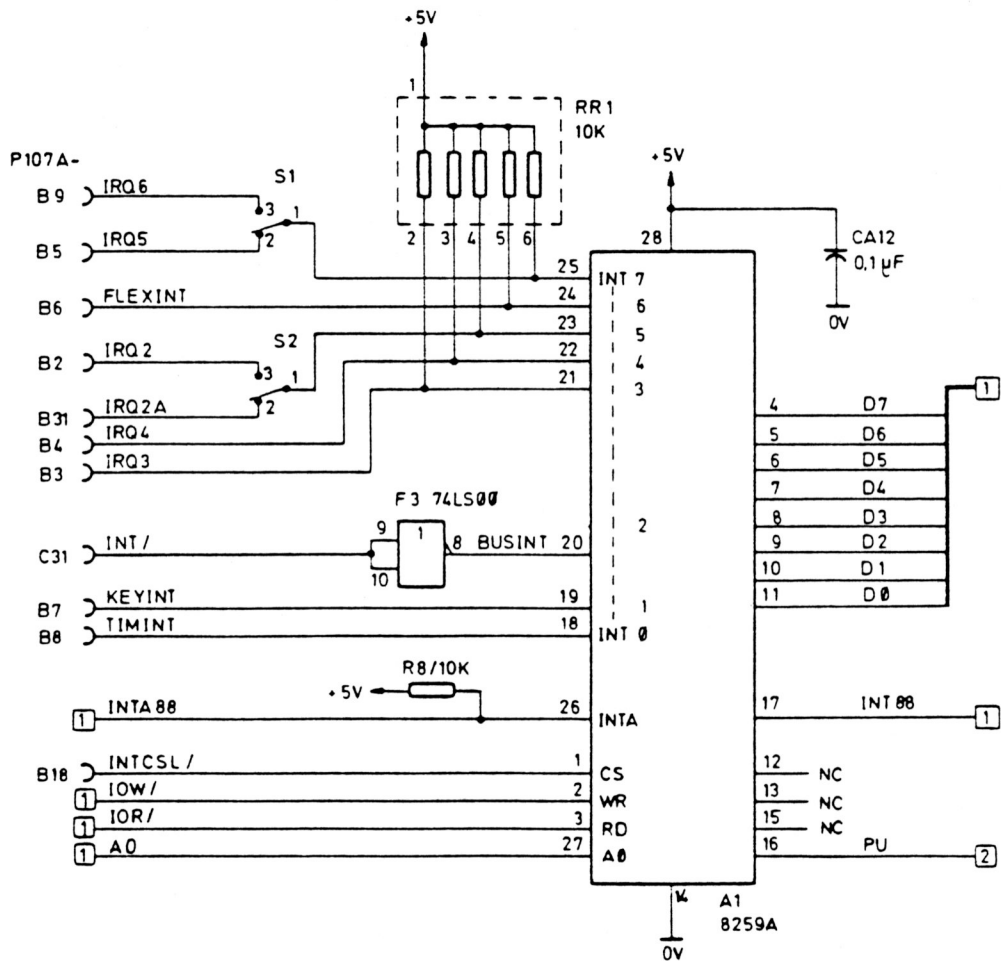




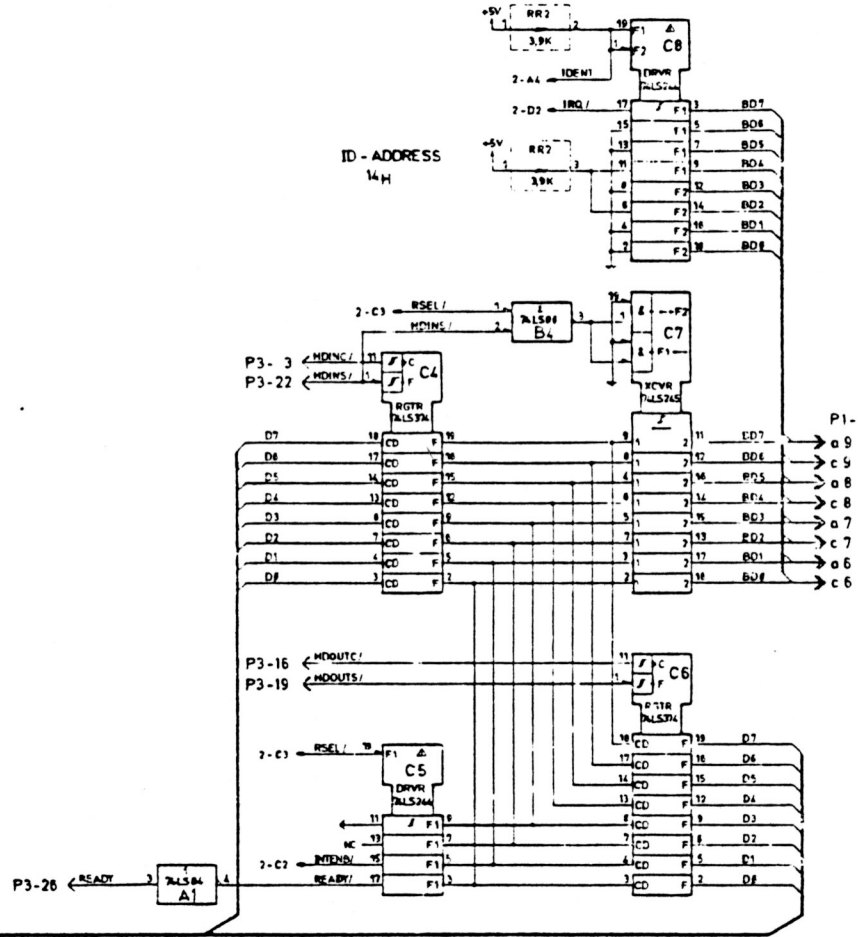
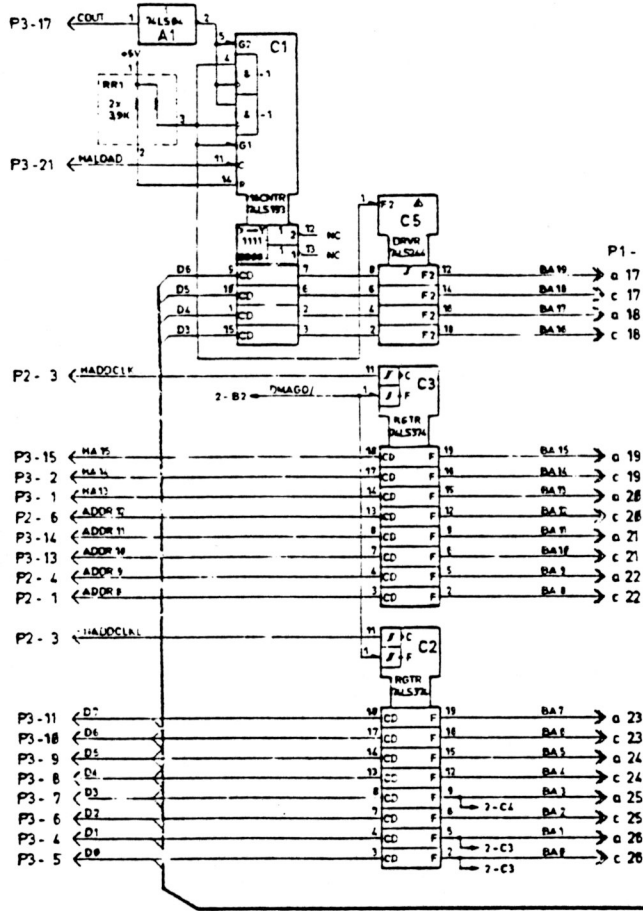




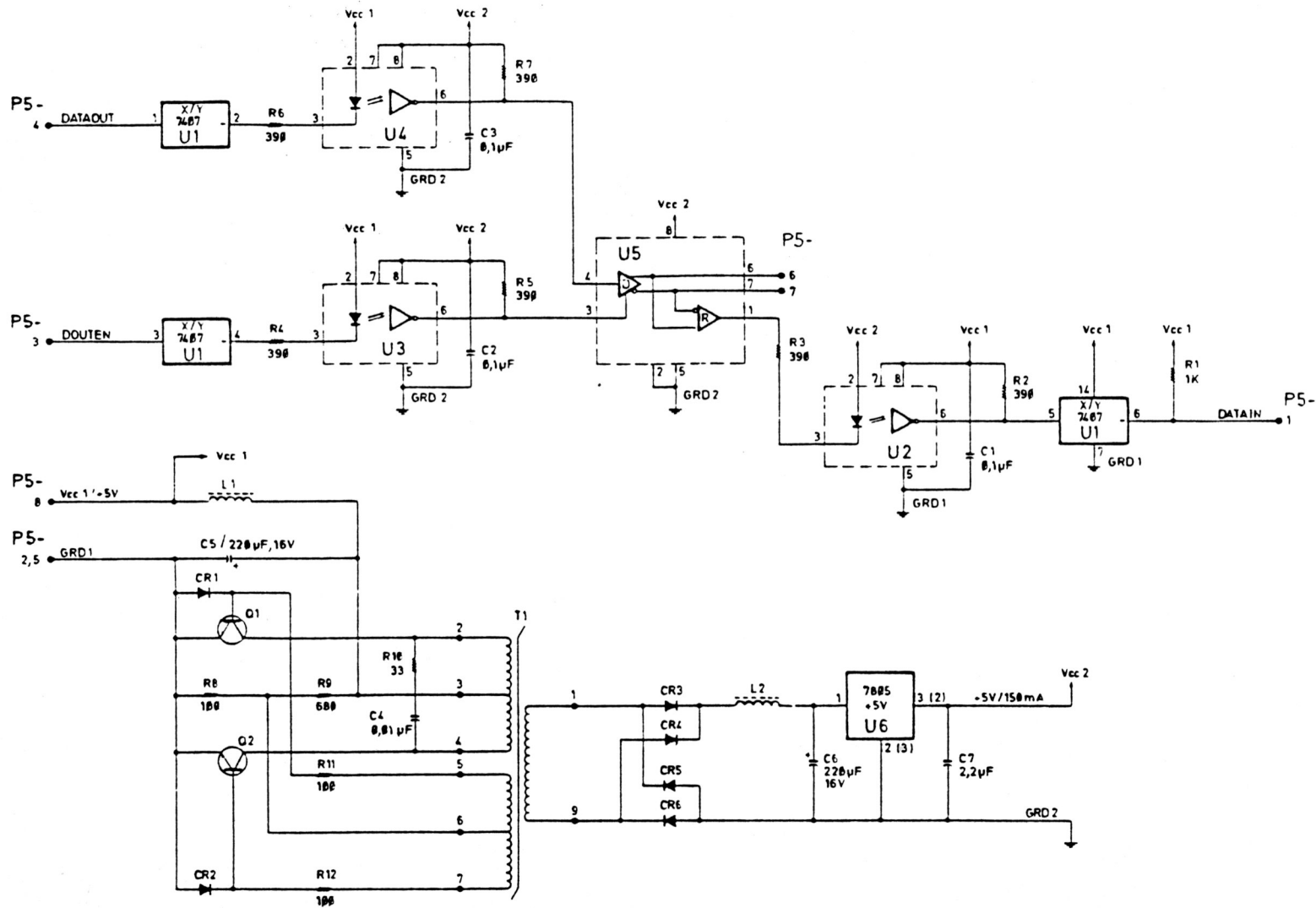




Omninet Interface (K600) 017-0032433 Rev. C
1 of 2

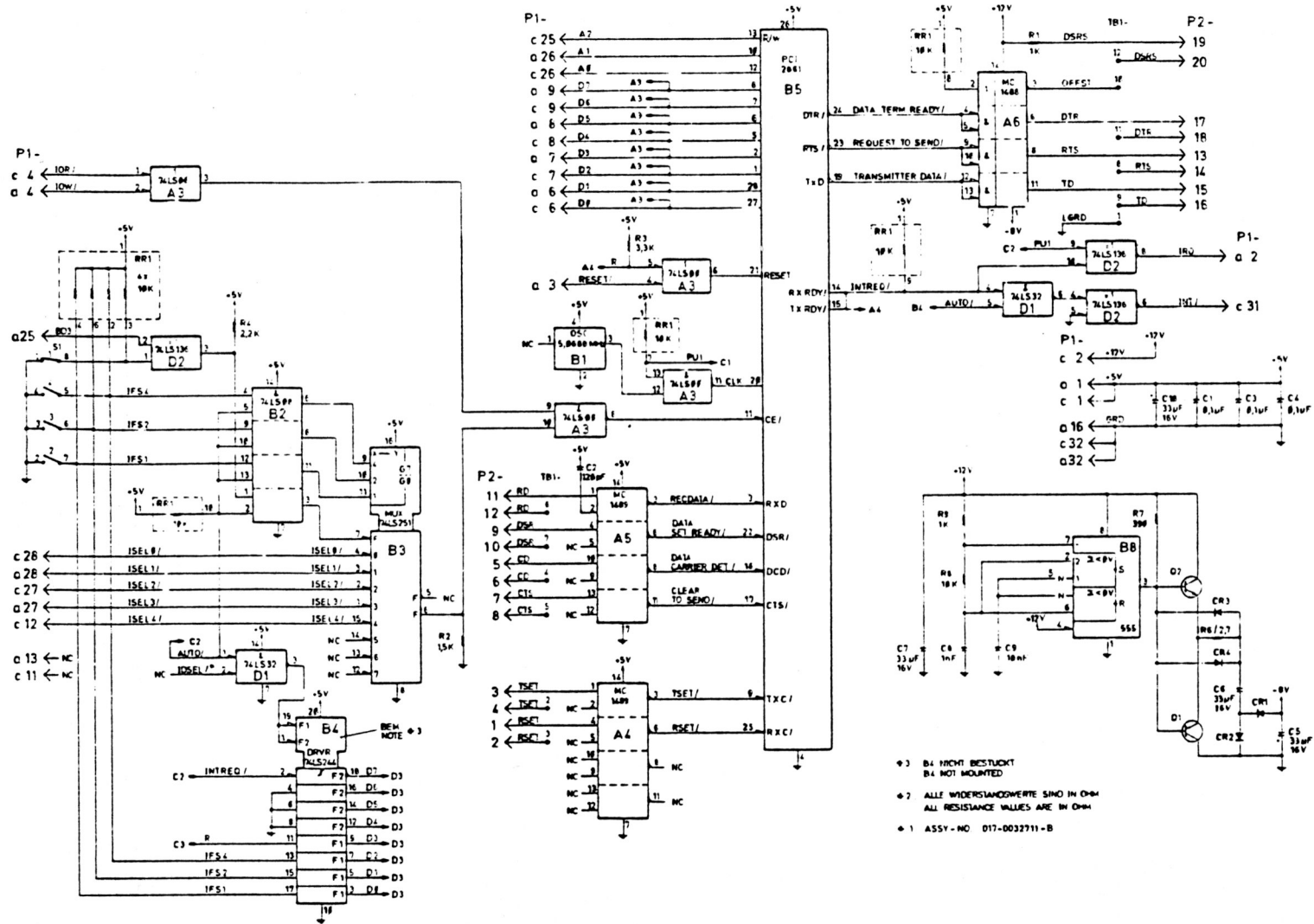






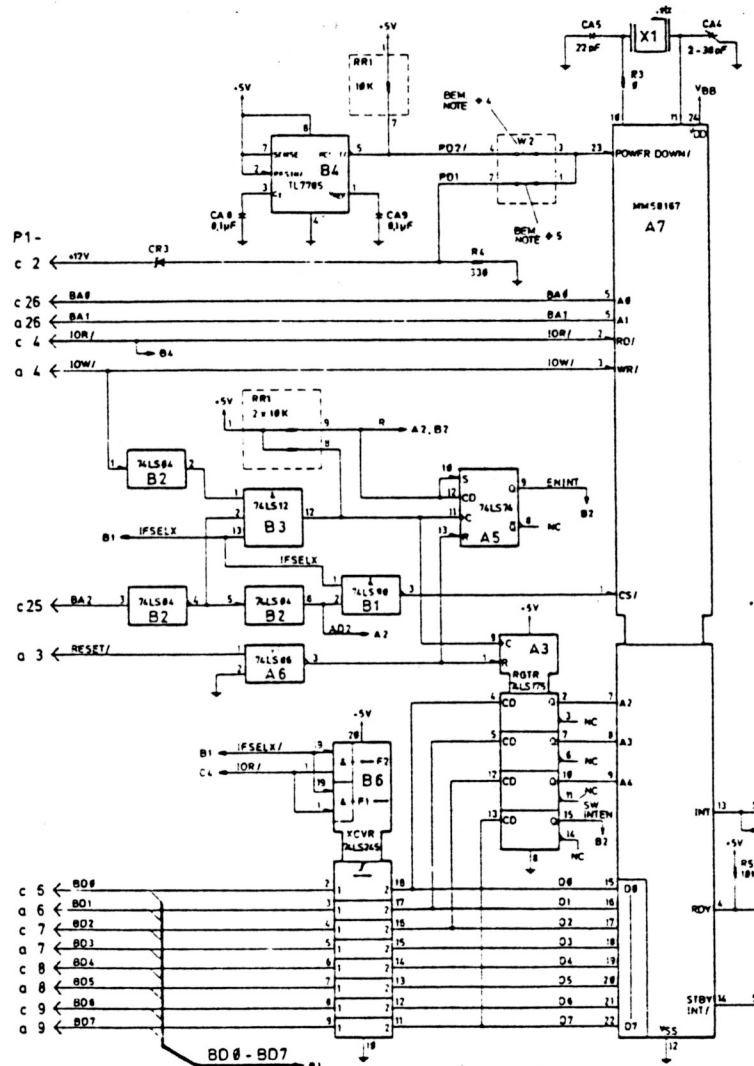
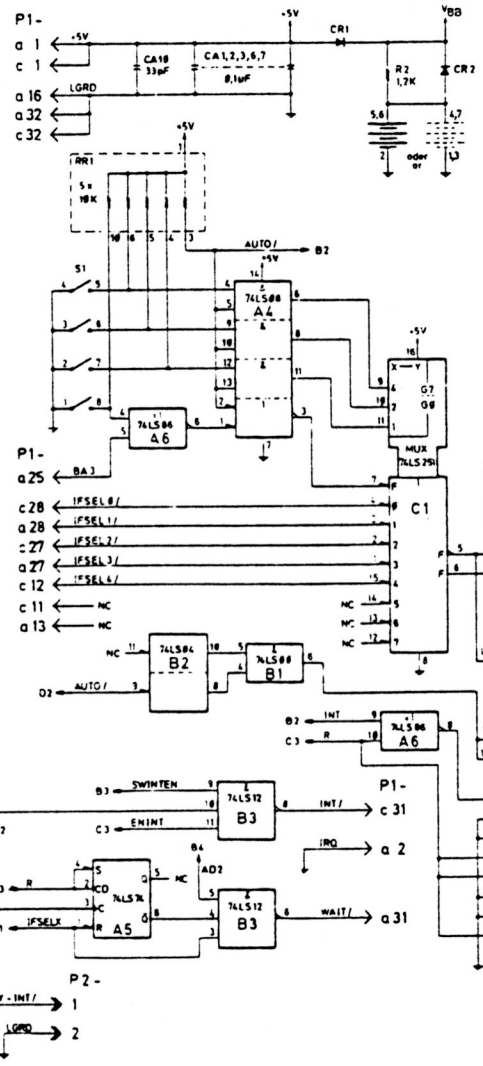


RS-232 C Switchable Interface (K801) 017-0032712 Rev. B



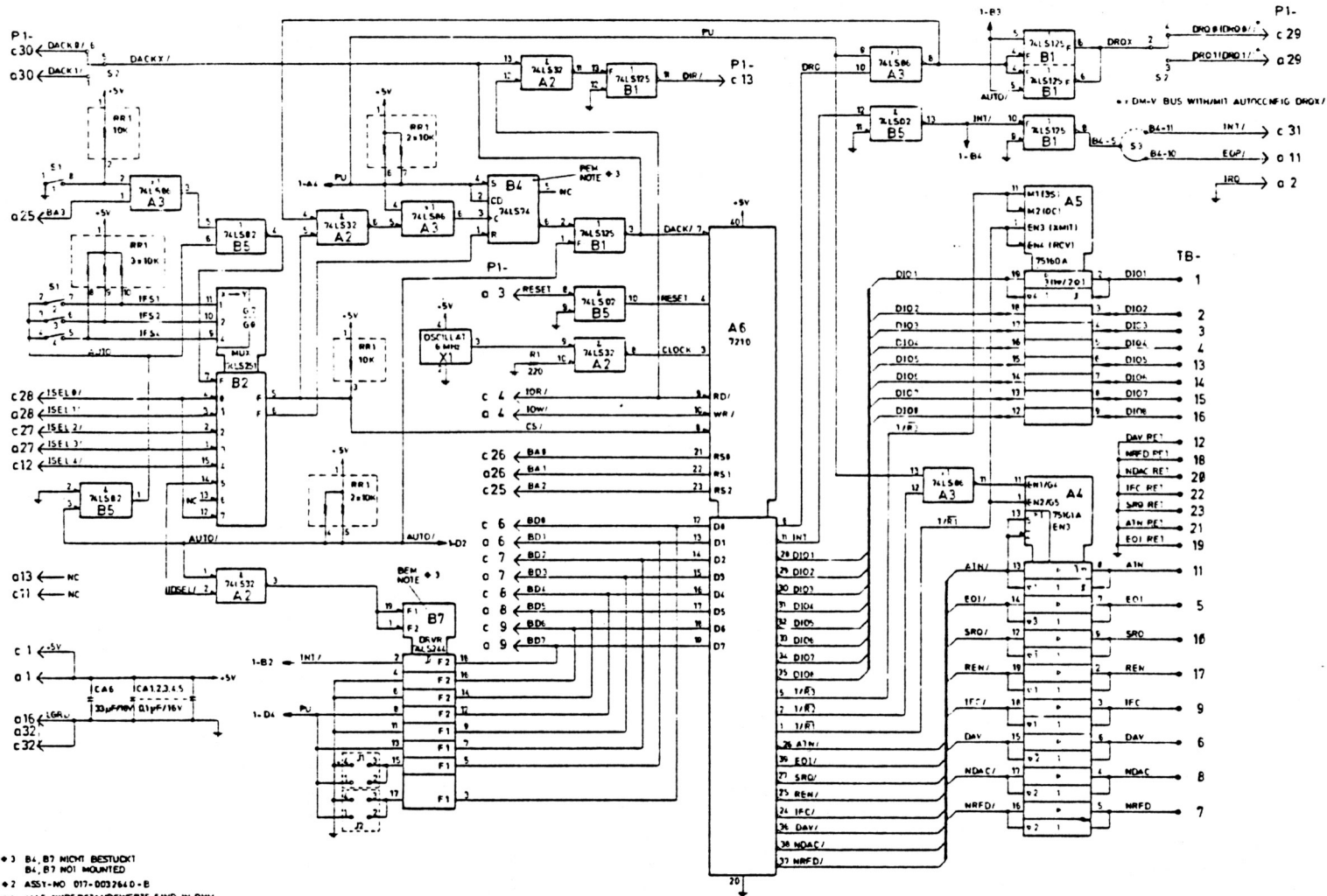
ADR. C8-CF 4

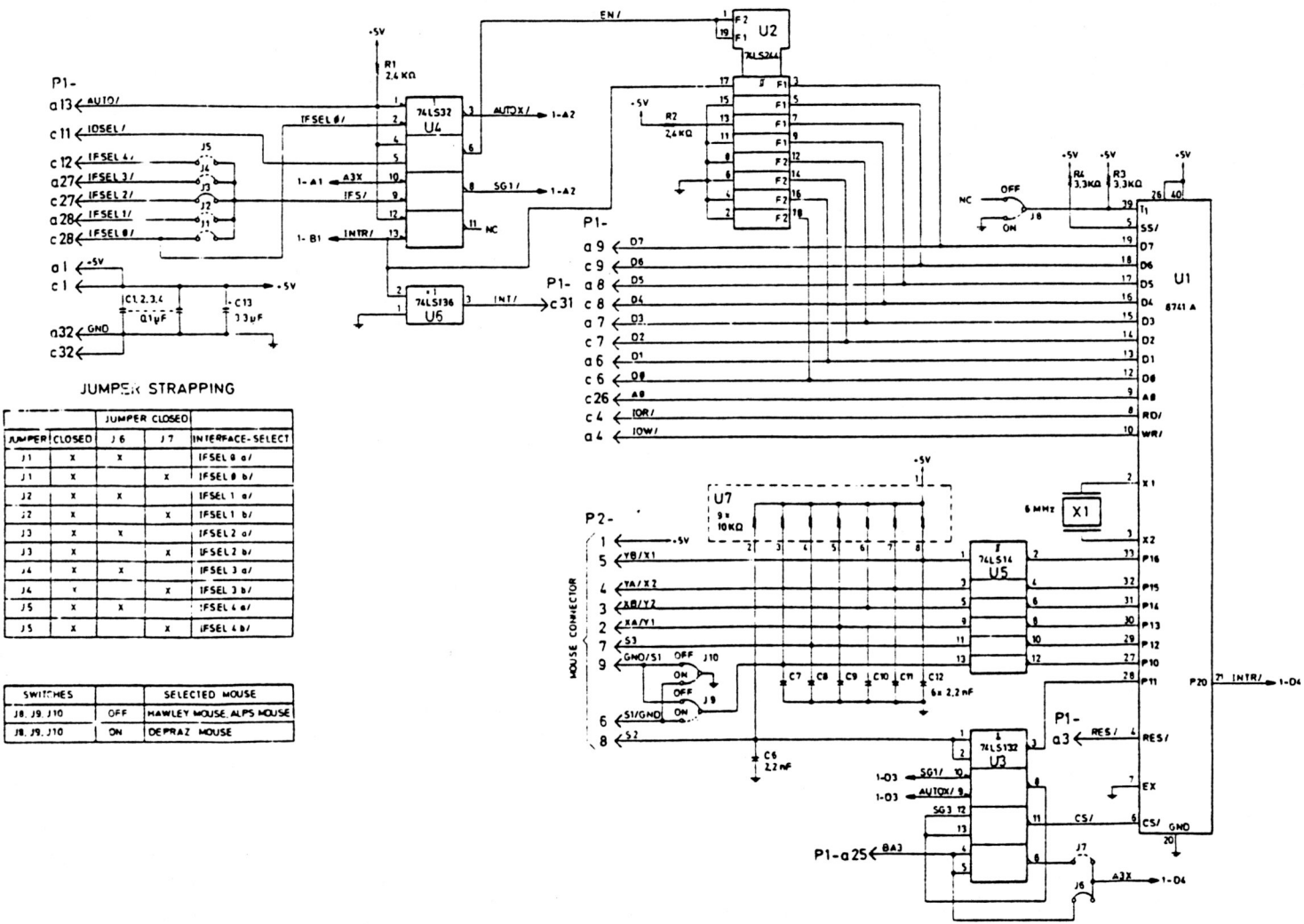
- +6 B1, CA8, CA9, B5 NICHT BESTÜCKT
B4, CA8, CA9, B5 NOT MOUNTED
- +5 W2/1 NACH W2/2 VERBINDEN
W2/1 TO W2/2 CONNECTION
- +4 W2/3 NACH W2/4 UNTERBROCHEN
W2/3 TO W2/4 CUT
- +3 W1 NICHT BESTÜCKT
W1 NOT MOUNTED
- +2 ALLE WIDERSTANDSWERTE SIND IN OHM
ALL RESISTANCE VALUES ARE IN OHM
- +1 ASSY.-NO.: 017-0032703-B



Real Time Clock (K803) 017-0032703 Rev. B

IEEE-488 Interface (K804) 017-0032641 Rev. B





Mouse Interface (K806) 017-0032824 Rev. B

