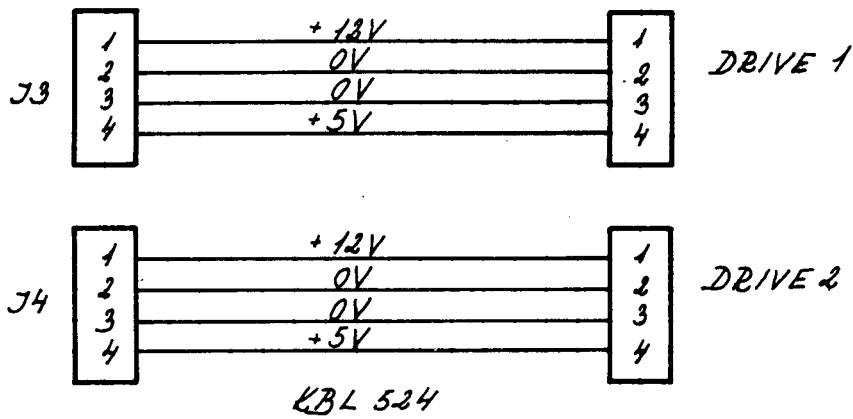


Figure 49: KBN705; internal cables.



*Power Cables to mini Floppy drives*

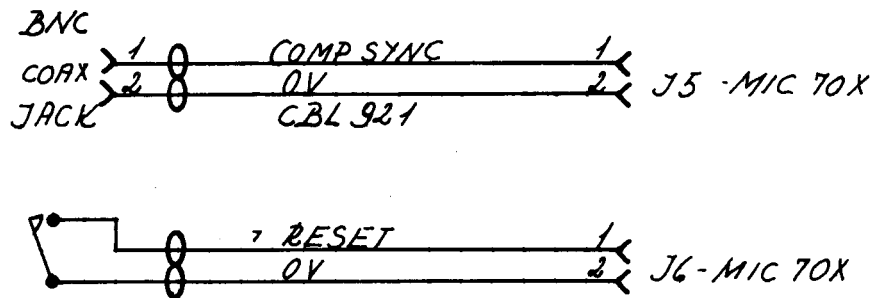


Figure 50: KEN705; cable connections to MIC70x and Floppy Disc Drive.

The POW746 - Power Supply is built on a single print board.

Fig. 51 shows the block diagram for the power supply, including the input/output connections. Input is 2x24 V AC which is supplied by the transformer (DK7755) housed in KEN705.

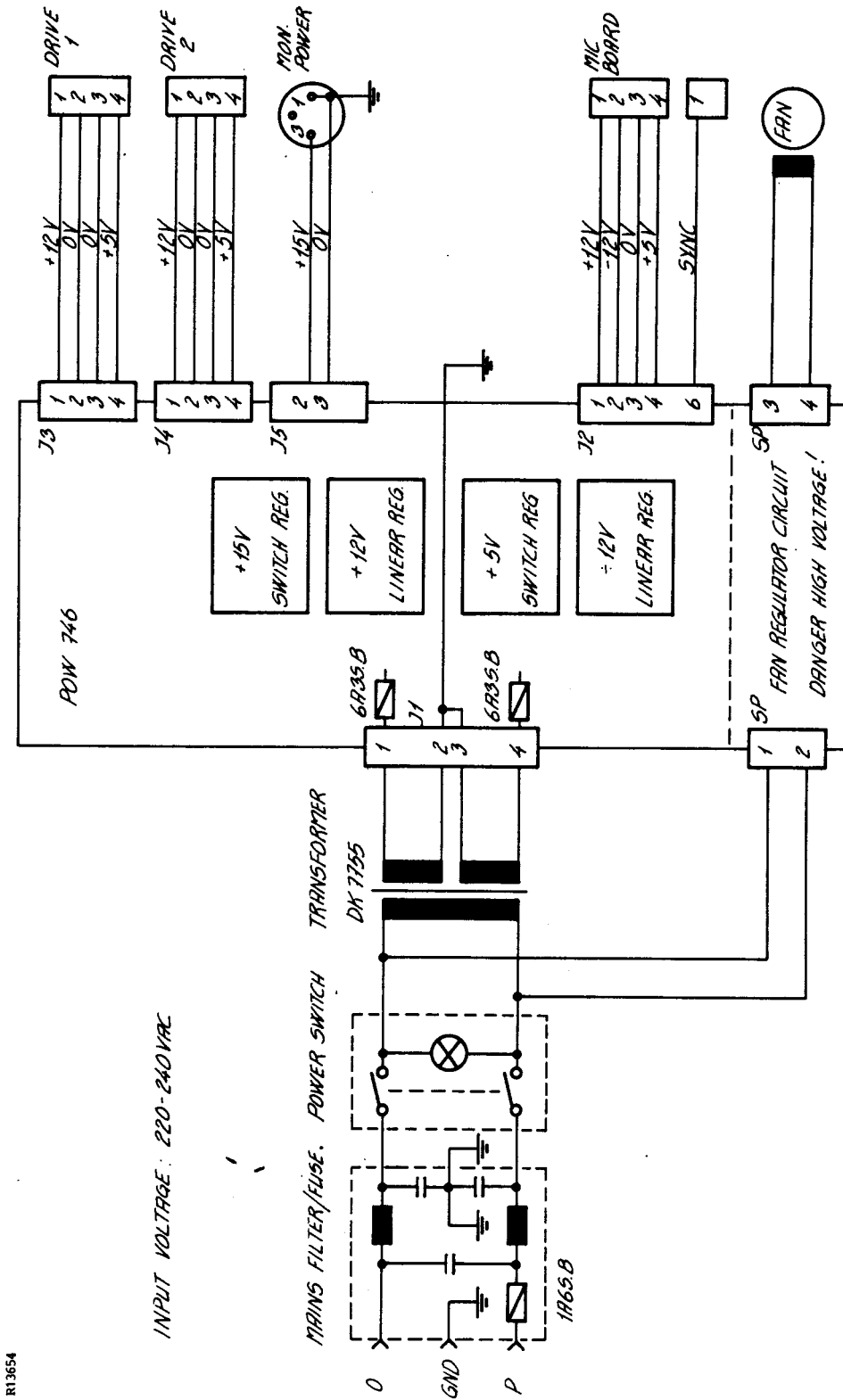
Fig. 52 gives the specifications for POW746 and transformer (DK7755).

Note: Input voltage range covers both Continental Europe and United Kingdom.

Fig. 53 shows the POW746 Layout.

Fig. 54 shows the Circuit diagram for POW746.

Fig. 55 shows the timing diagram for POW746.



R13654

Figure 51: POW746; block diagram.

Input voltage: 220 V - 240 V  $\pm$  10%, 50 Hz

Power consumption: Max. 150 W

Output voltages:

V out	V out	V ripple	I max
+15 V	$\pm$ 0,5 V	<100 mV <sub>pp</sub>	1,4 A
+12 V	$\pm$ 0,5 V	< 50 mV <sub>pp</sub>	2,6 A
+ 5 V	$\pm$ 0,5 V	< 50 mV <sub>pp</sub>	5 A
-12 V	$\pm$ 0,5 V	<100 mV <sub>pp</sub>	0,2 A

Fan regulator range:  $\sim$  0-1600 rpm.

Figure 52: POW746; power specifications.

OUTPUT

INPUT

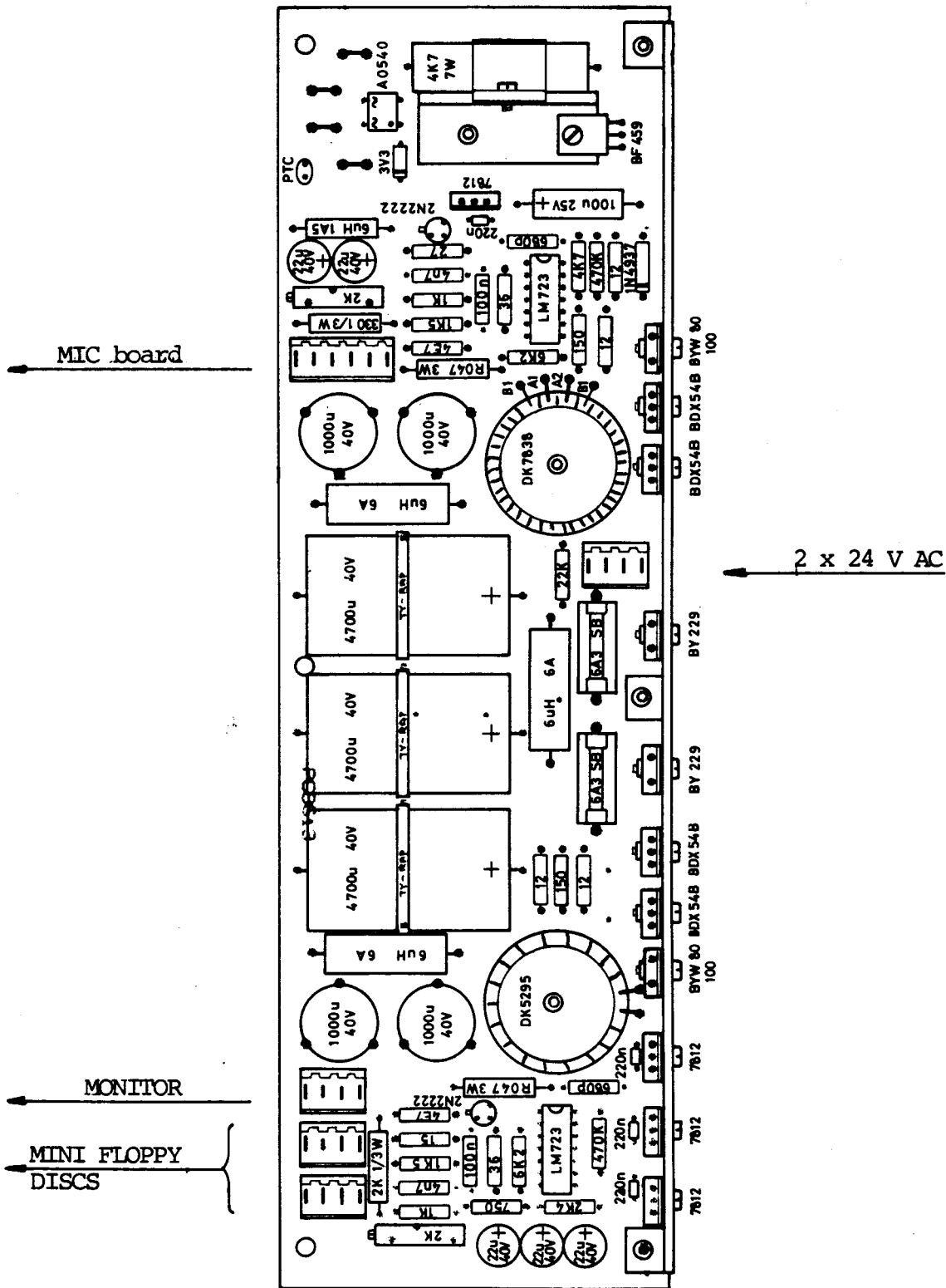


Figure 53: POW746; layout.

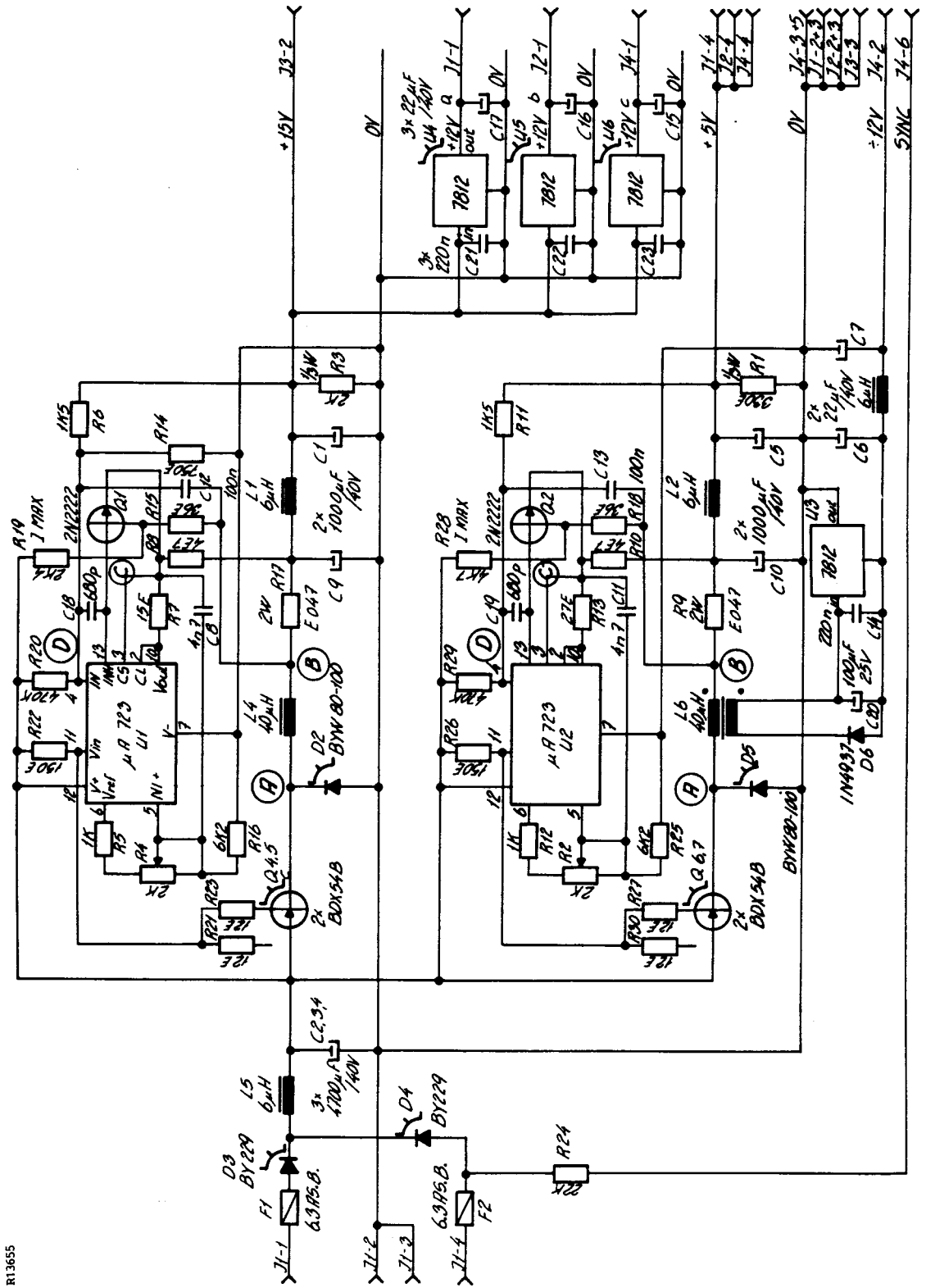
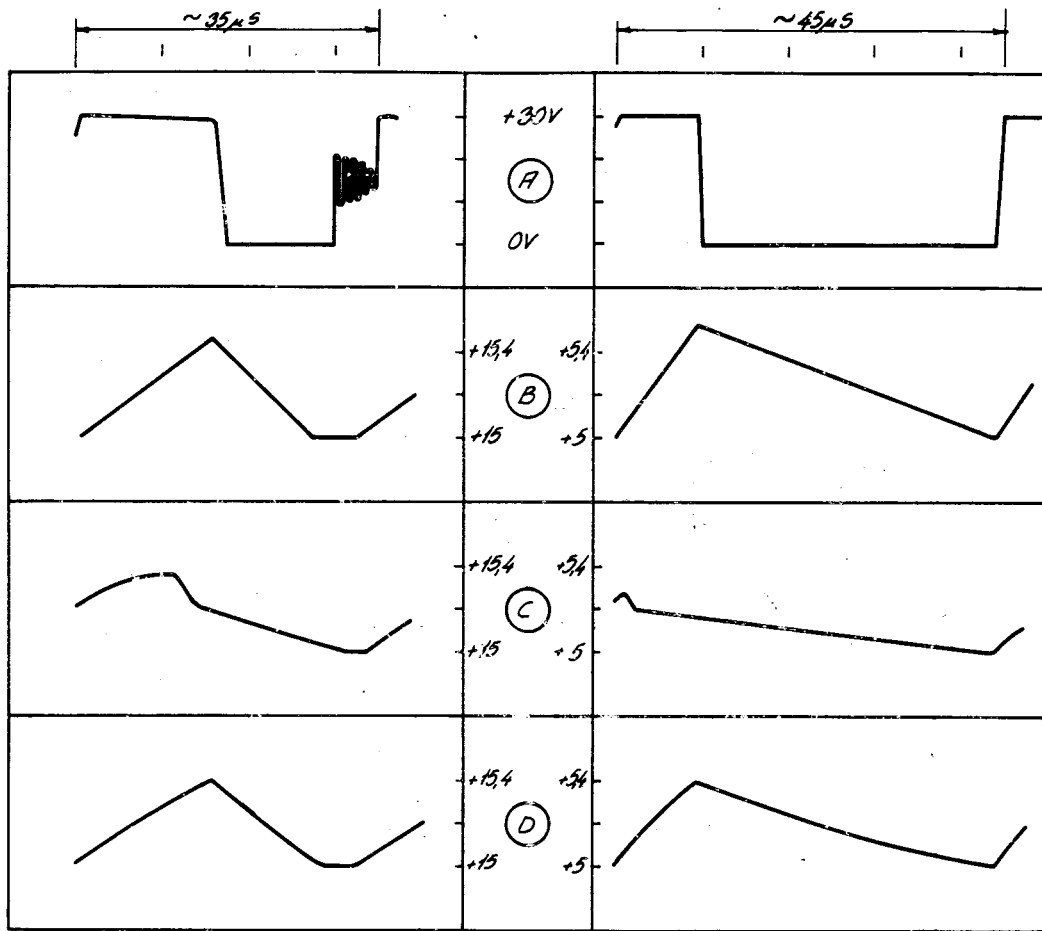


Figure 54: POW746; schematic diagram.



+15V switch. reg.

+5V switch. reg.

Load: +15V, 2A  
+5V, 3A

≈

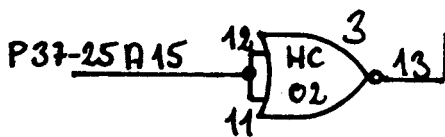
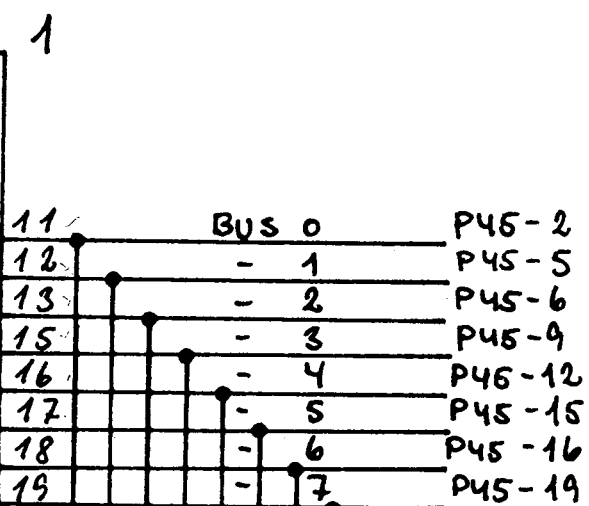
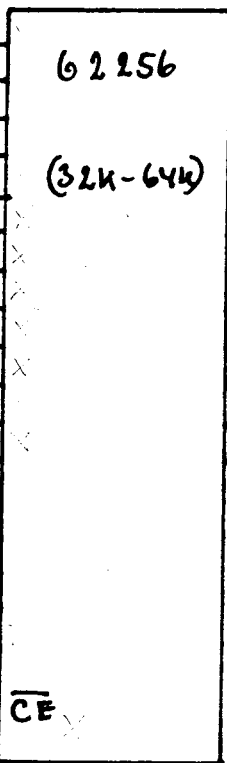
MIC-board  
1x5 1/4" drive  
Monitor

RI3656

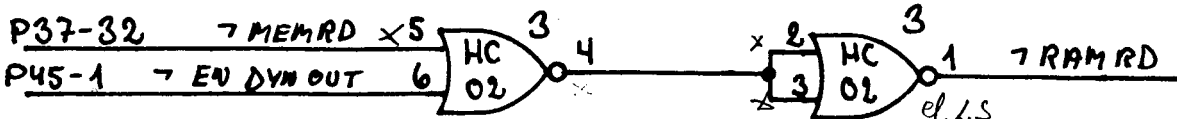
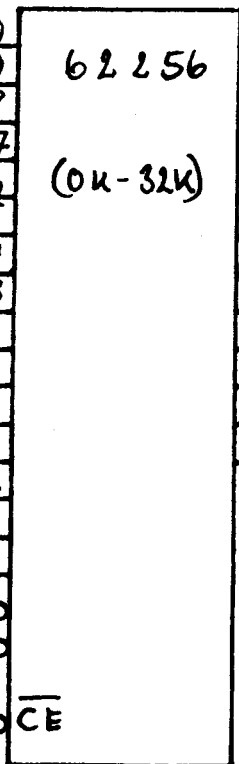
Figure 55: FOW746; timing diagram.



P37-6	ADD 0	10
P37-8	ADD 1	9
P37-10	ADD 2	8
P37-12	ADD 3	7
P37-14	ADD 4	6
P37-16	ADD 5	5
P37-18	ADD 6	4
P37-5	ADD 7	3
P37-4	ADD 8	25
P37-3	ADD 9	24
P37-2	ADD 10	21
P37-1	ADD 11	23
P37-34	ADD 12	2
P37-38	ADD 13	26
P37-24	ADD 14	1
P37-31	MEM WR	27
1-3-1	RAM RD	22



P37-6	ADD 0	10
P37-8	ADD 1	9
P37-10	ADD 2	8
P37-12	ADD 3	7
P37-14	ADD 4	6
P37-16	ADD 5	5
P37-18	ADD 6	4
P37-5	ADD 7	3
P37-4	ADD 8	25
P37-3	ADD 9	24
P37-2	ADD 10	21
P37-1	ADD 11	23
P37-34	ADD 12	2
P37-38	ADD 13	26
P37-24	ADD 14	1
P37-31	MEM WR	27
1-3-1	RAM RD	22



P37-30 SACK pin 30 på org lagetcontroller skal jordes

STATIC RAM FOR PC 700