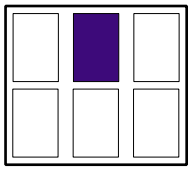
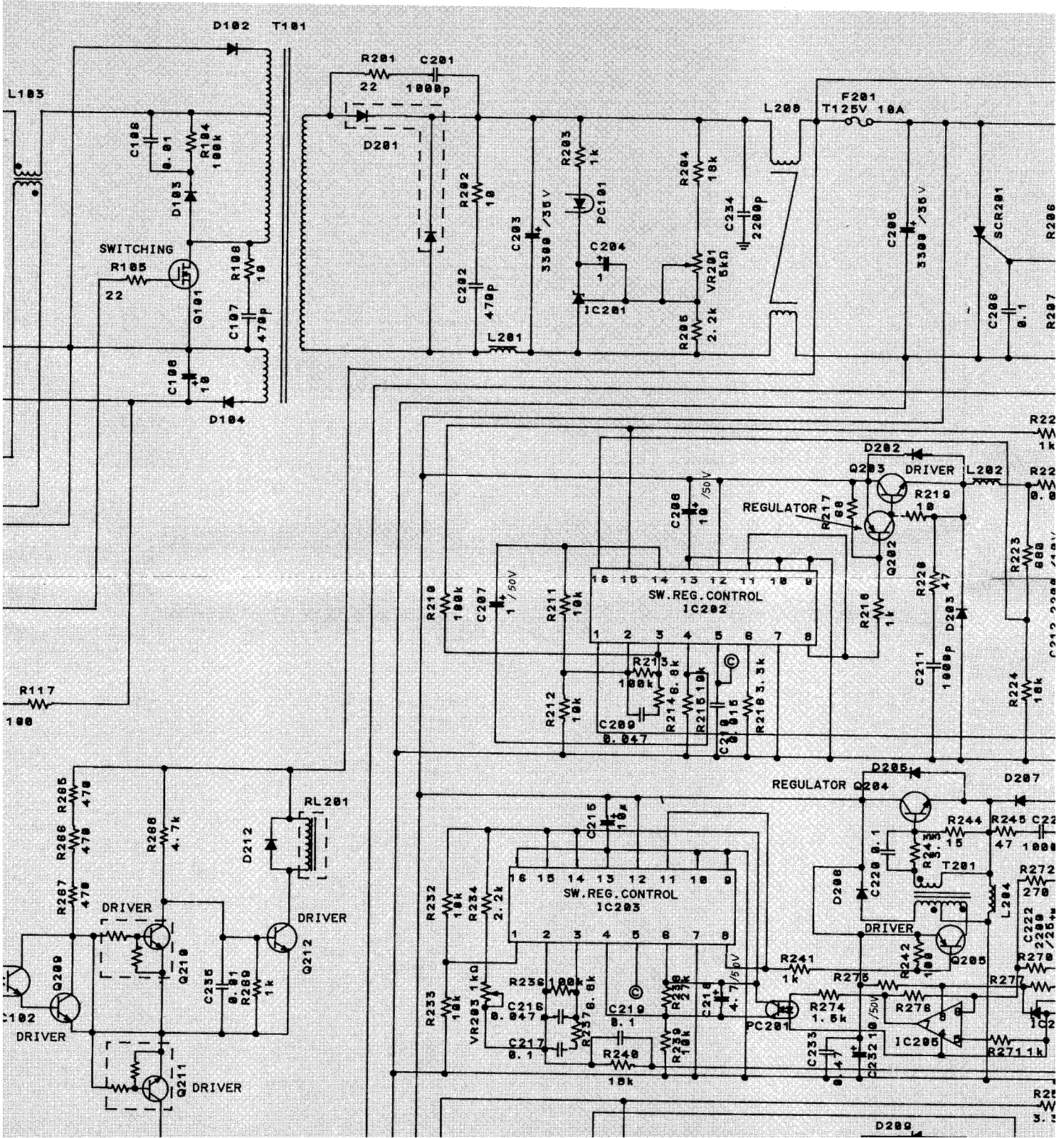
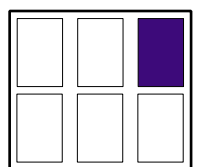
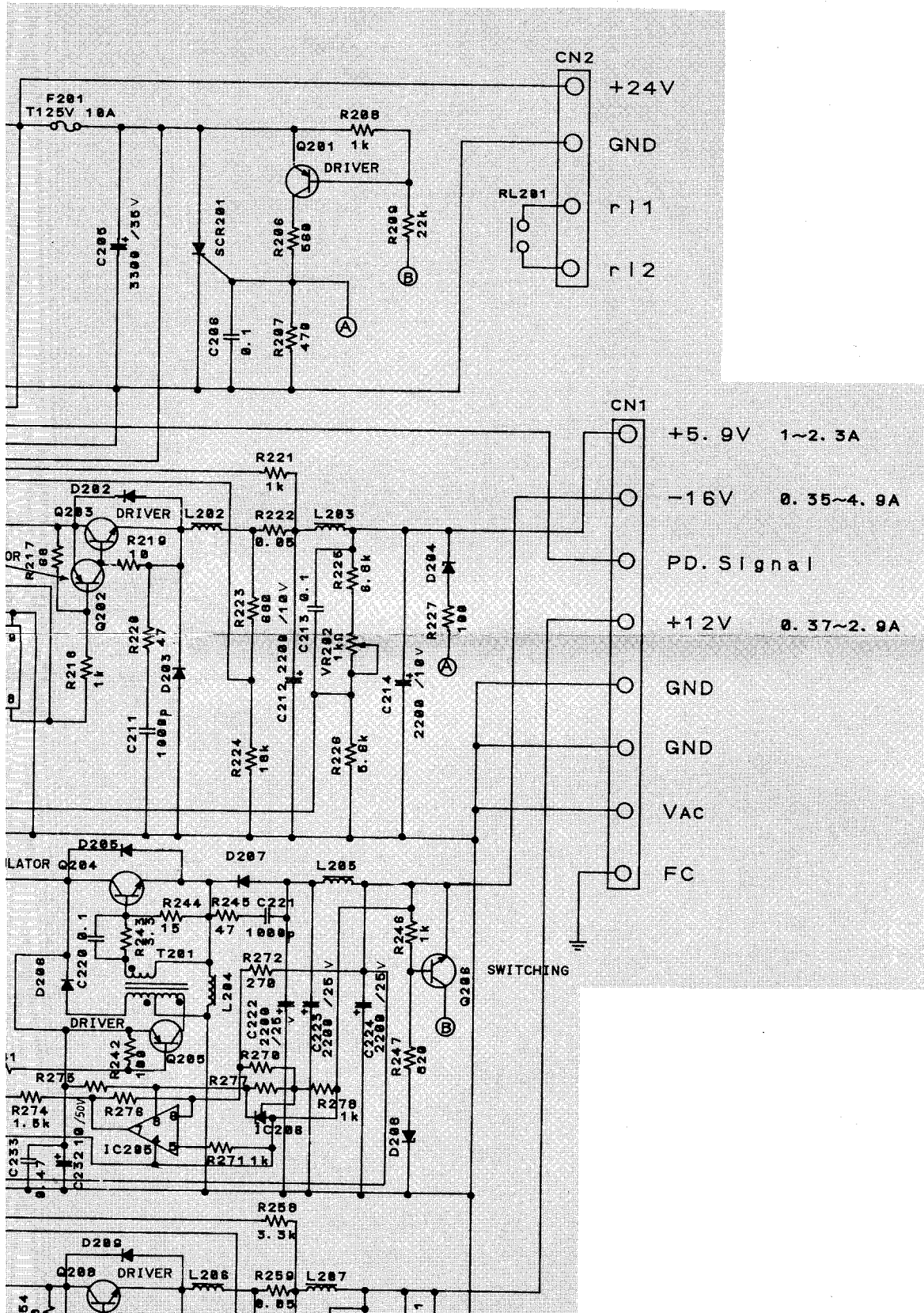


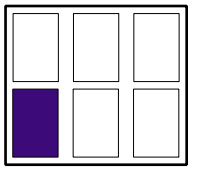
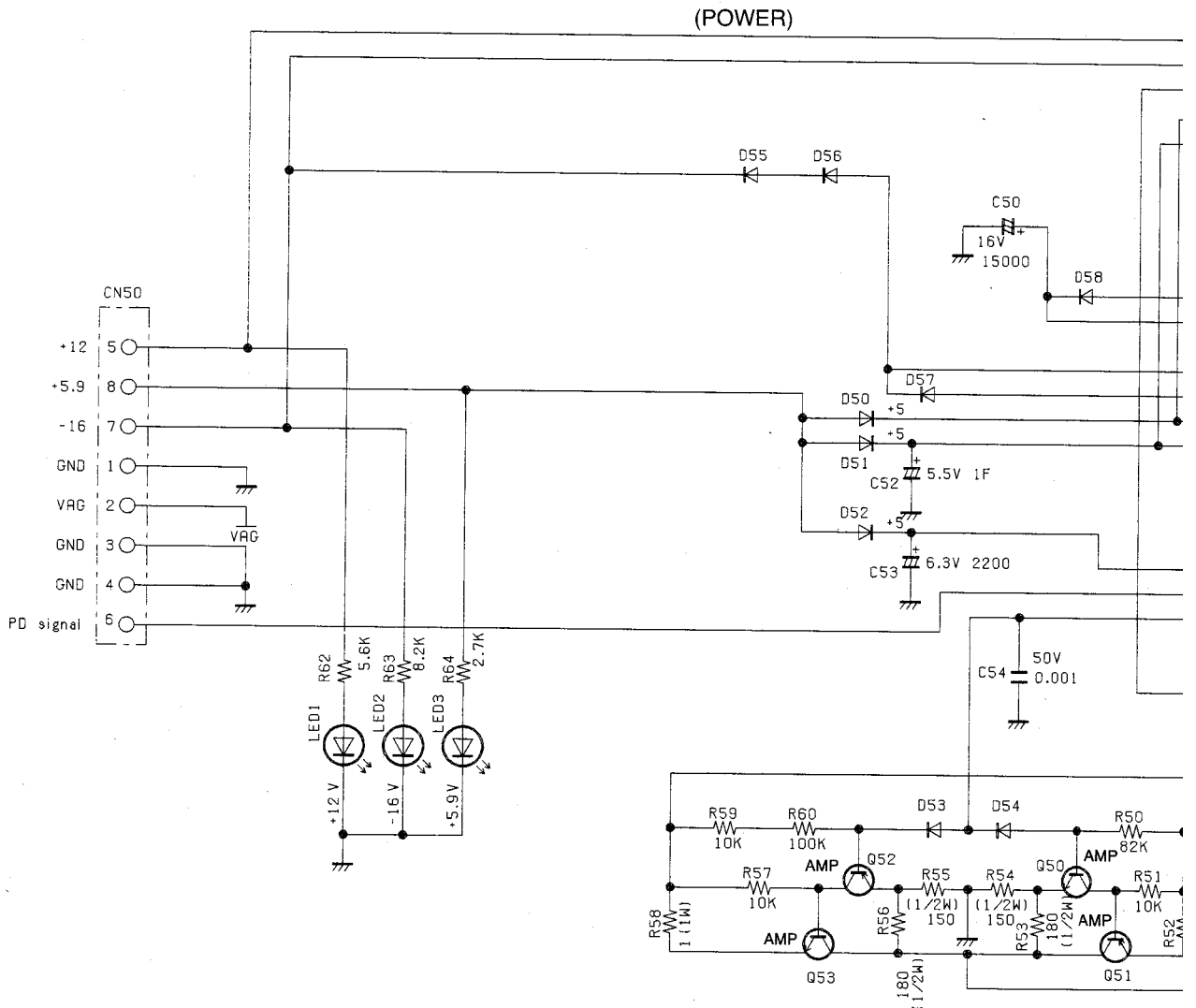
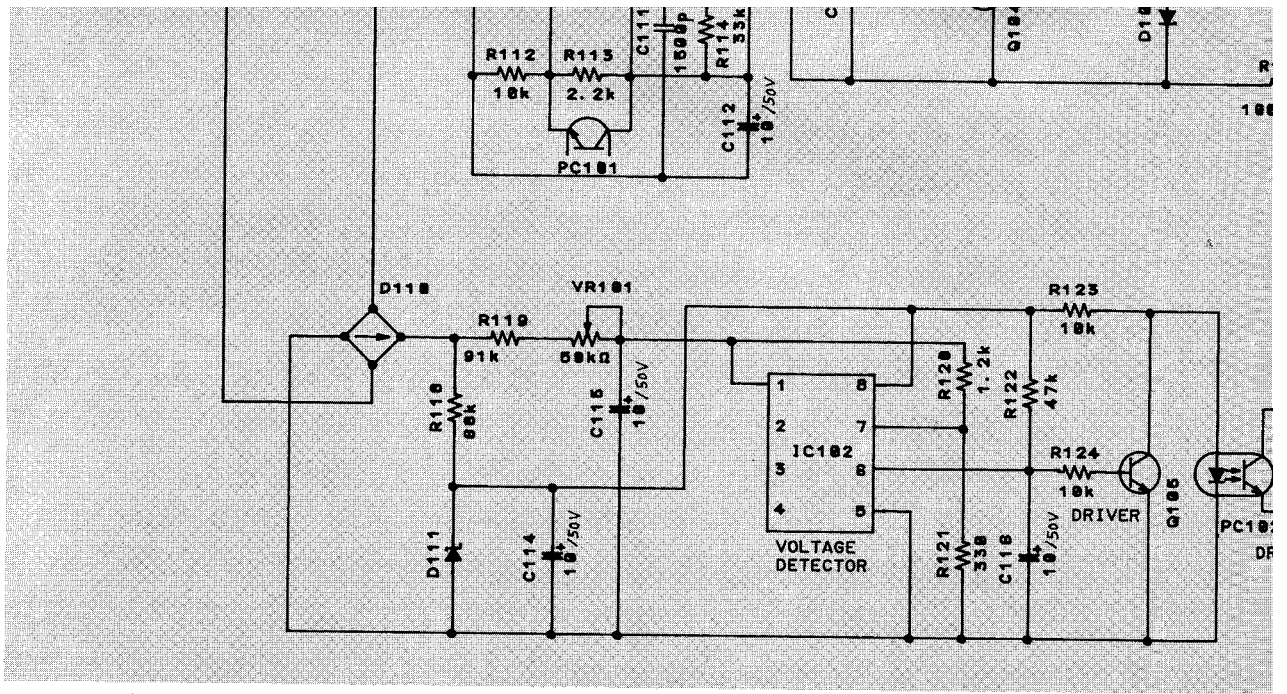
SCHEMATIC DIAGRAM

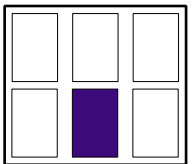
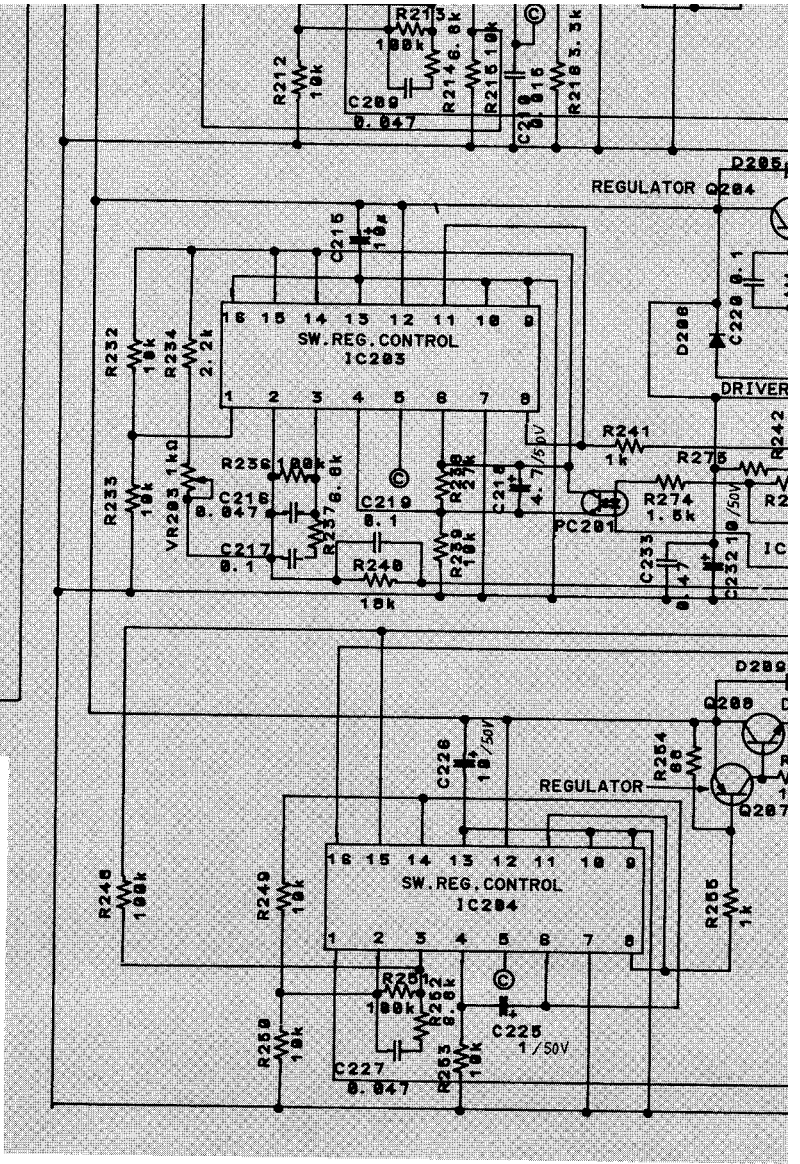
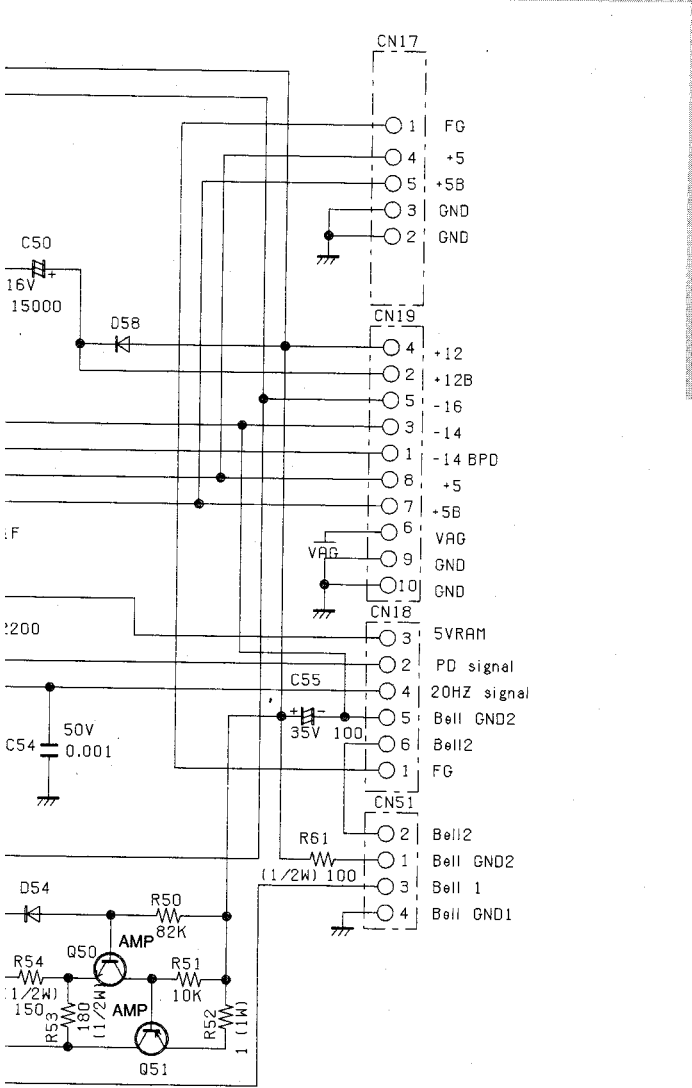
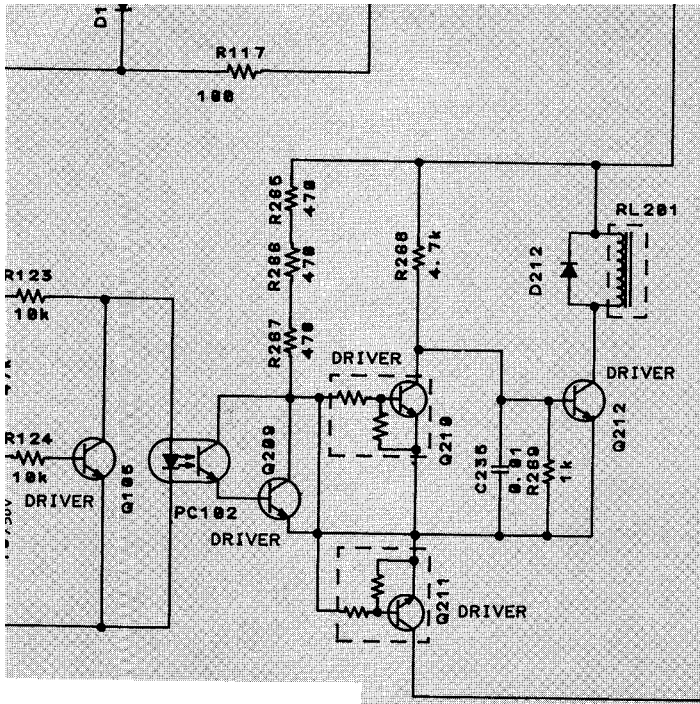
7 8 9 10 11 12 13

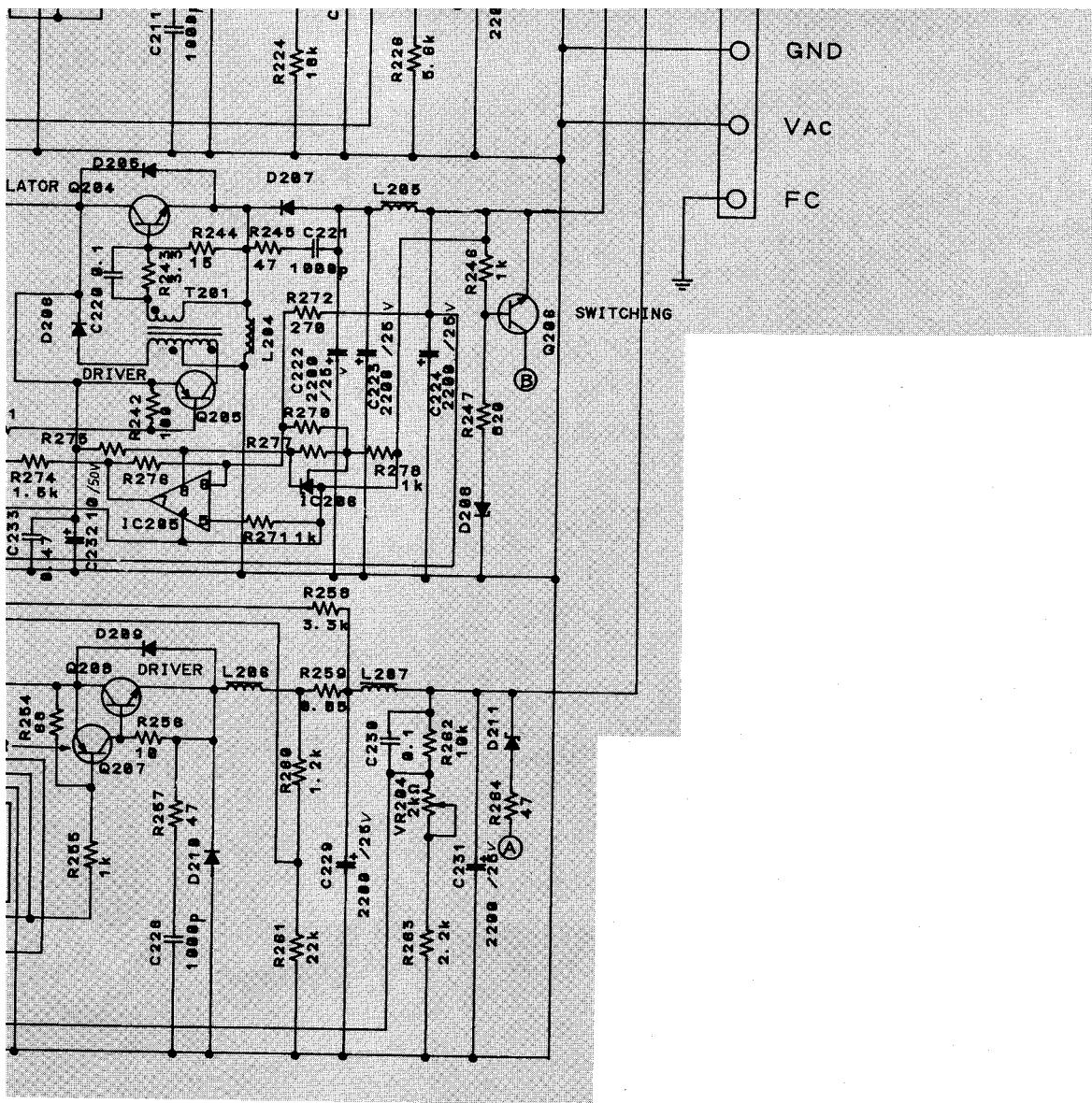
(POWER UNIT)
















Note:

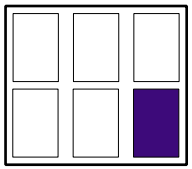
1. DC voltage measurements are taken with electronic voltmeter from negative terminal of battery.
2. This schematic diagram may be modified at any time with the development of new technology.

3. **Important safety notice**

The shaded area on this schematic diagram incorporates special features important for protection from fire and electrical shock hazards. When servicing it is essential that only manufacturer's specified parts be used for the critical components in the shaded areas of the schematic.

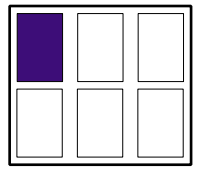
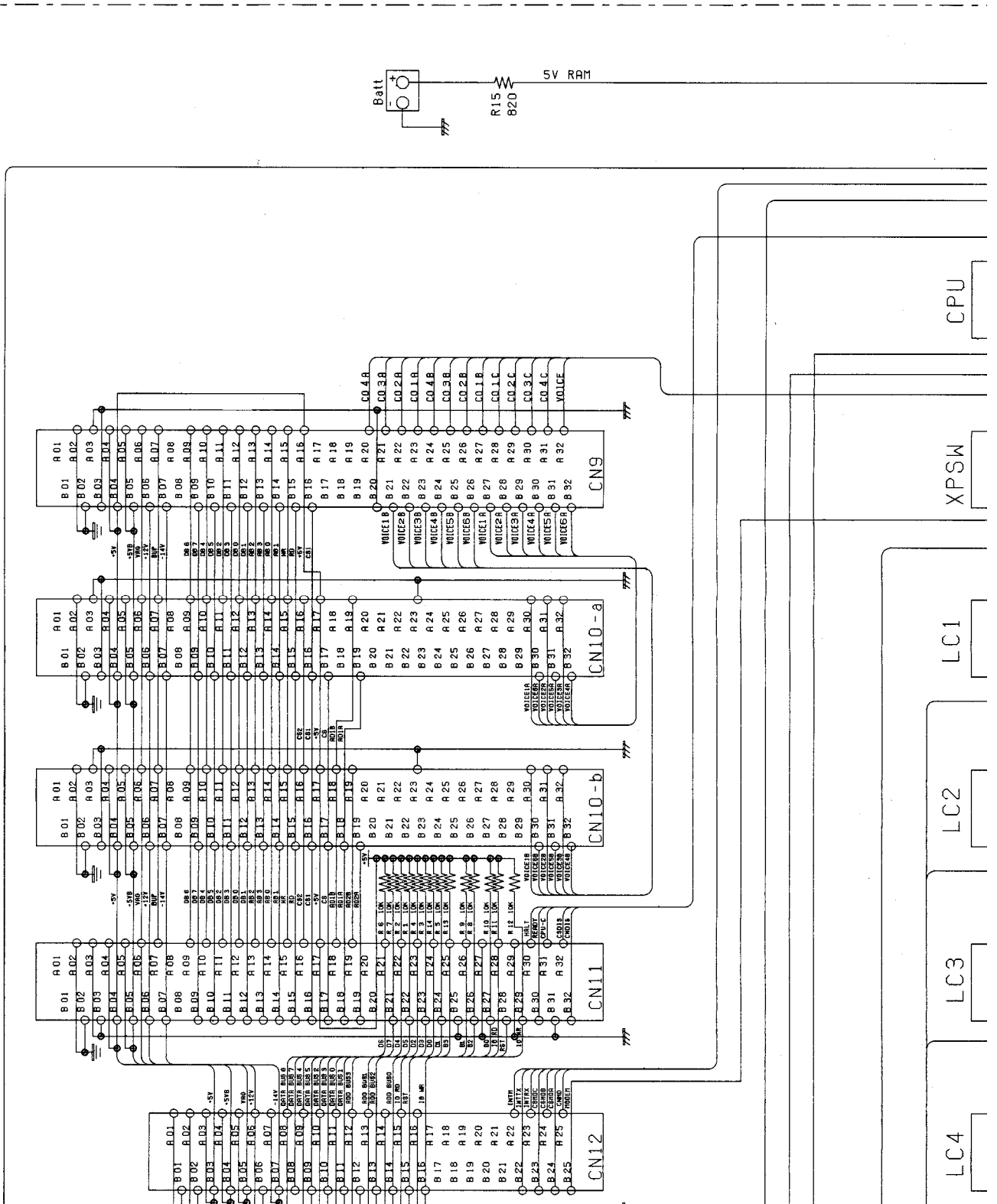
4.

Varcap. Anode  Cathode	General Anode  Cathode	Zener Anode  Cathode	LED Anode  Cathode	Photo Diode Cathode  Anode
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1 2 3 4 5 6

A B C D E F G H



SCHEMATIC DIAGRAM (MAIN)

7

8

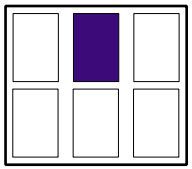
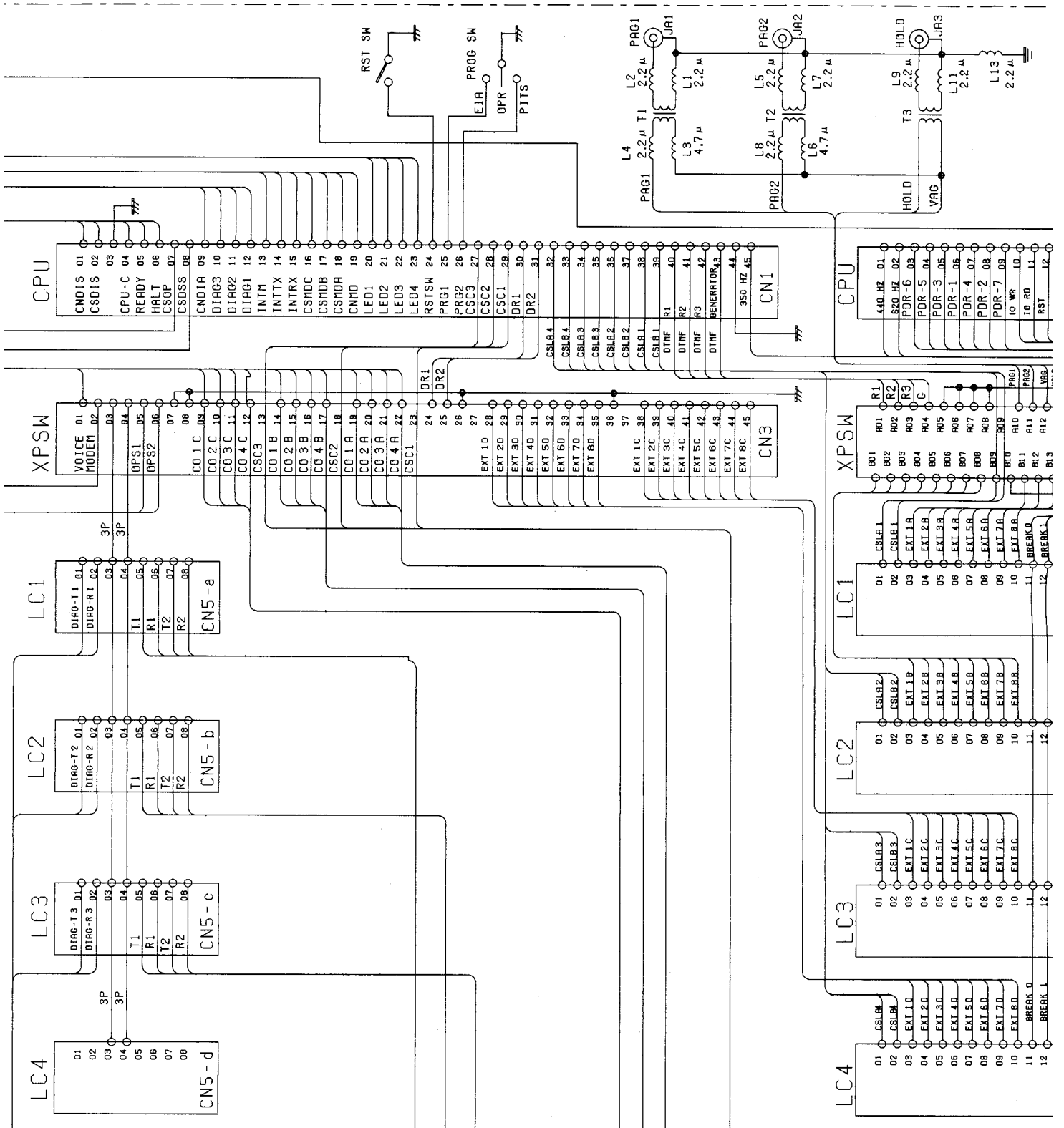
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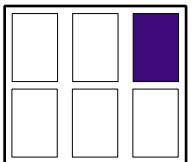
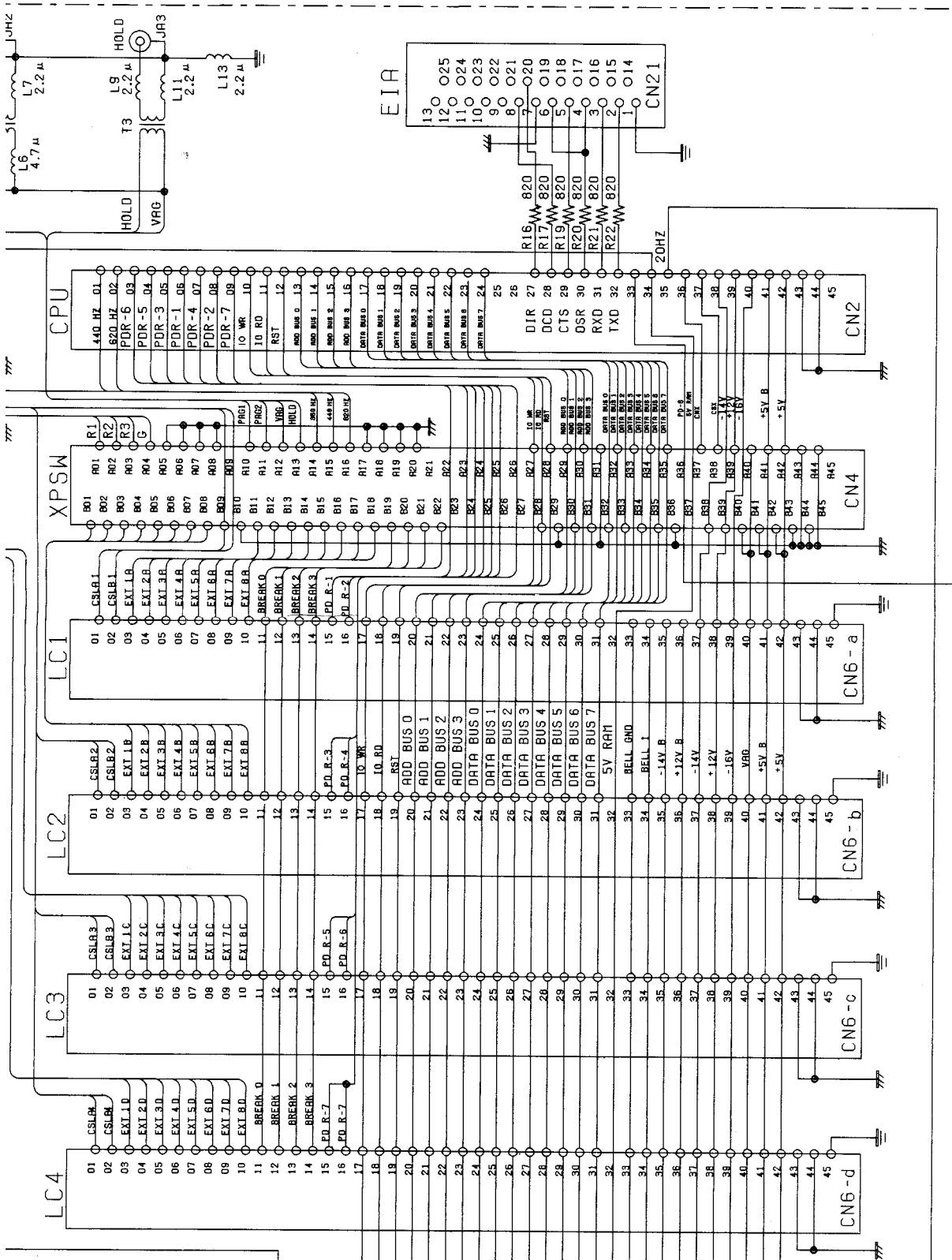
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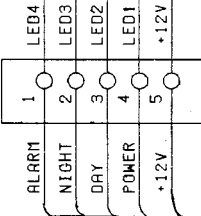
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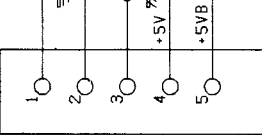




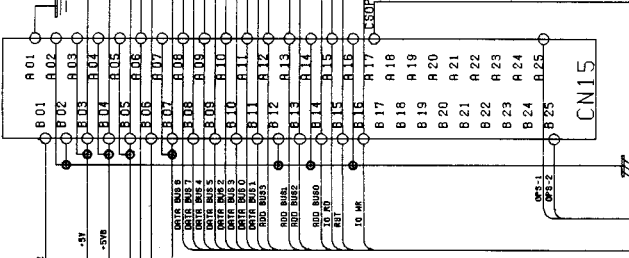
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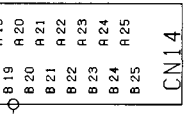
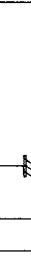
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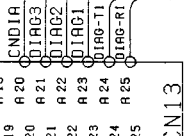
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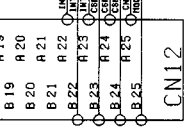
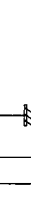
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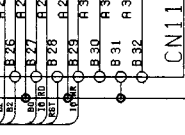
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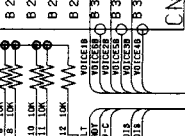
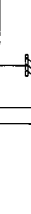
CN13



CN12



CN11



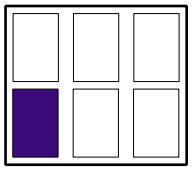
CN10-b

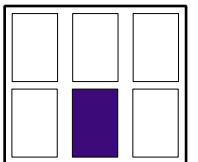
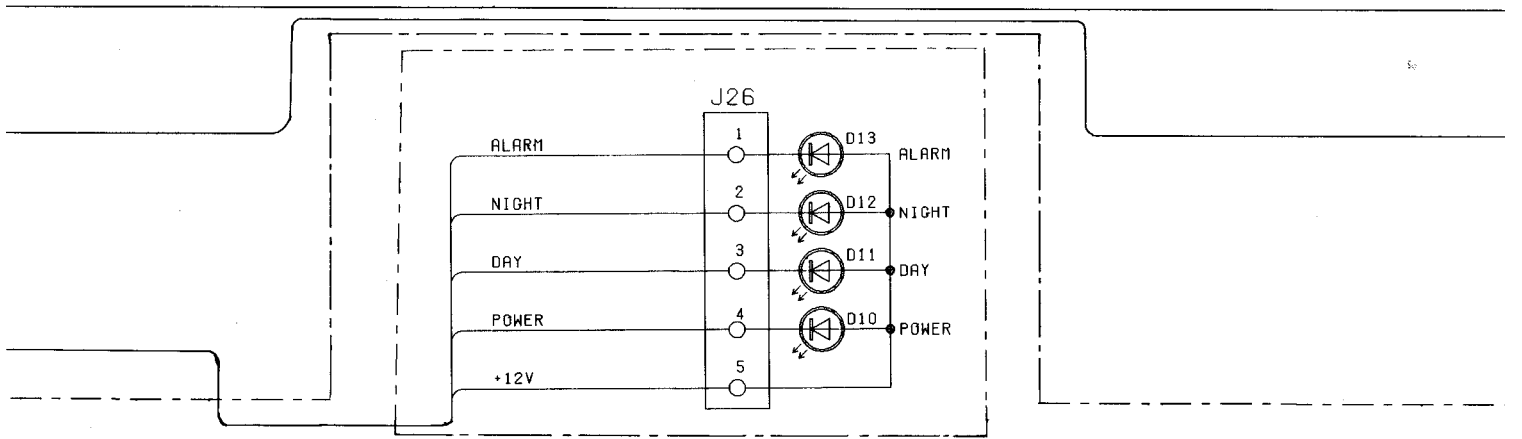
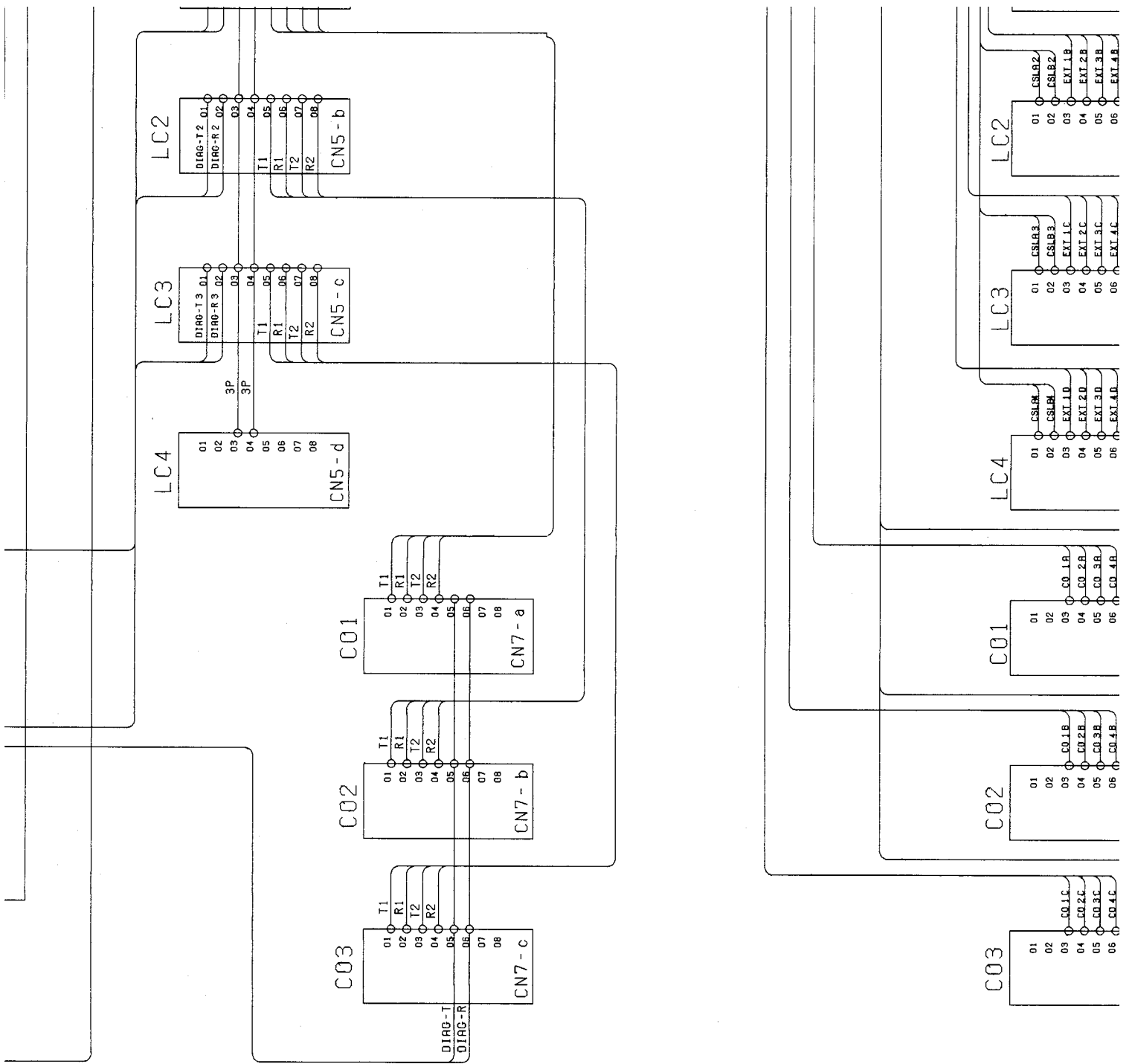


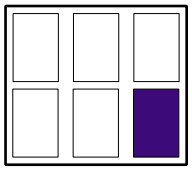
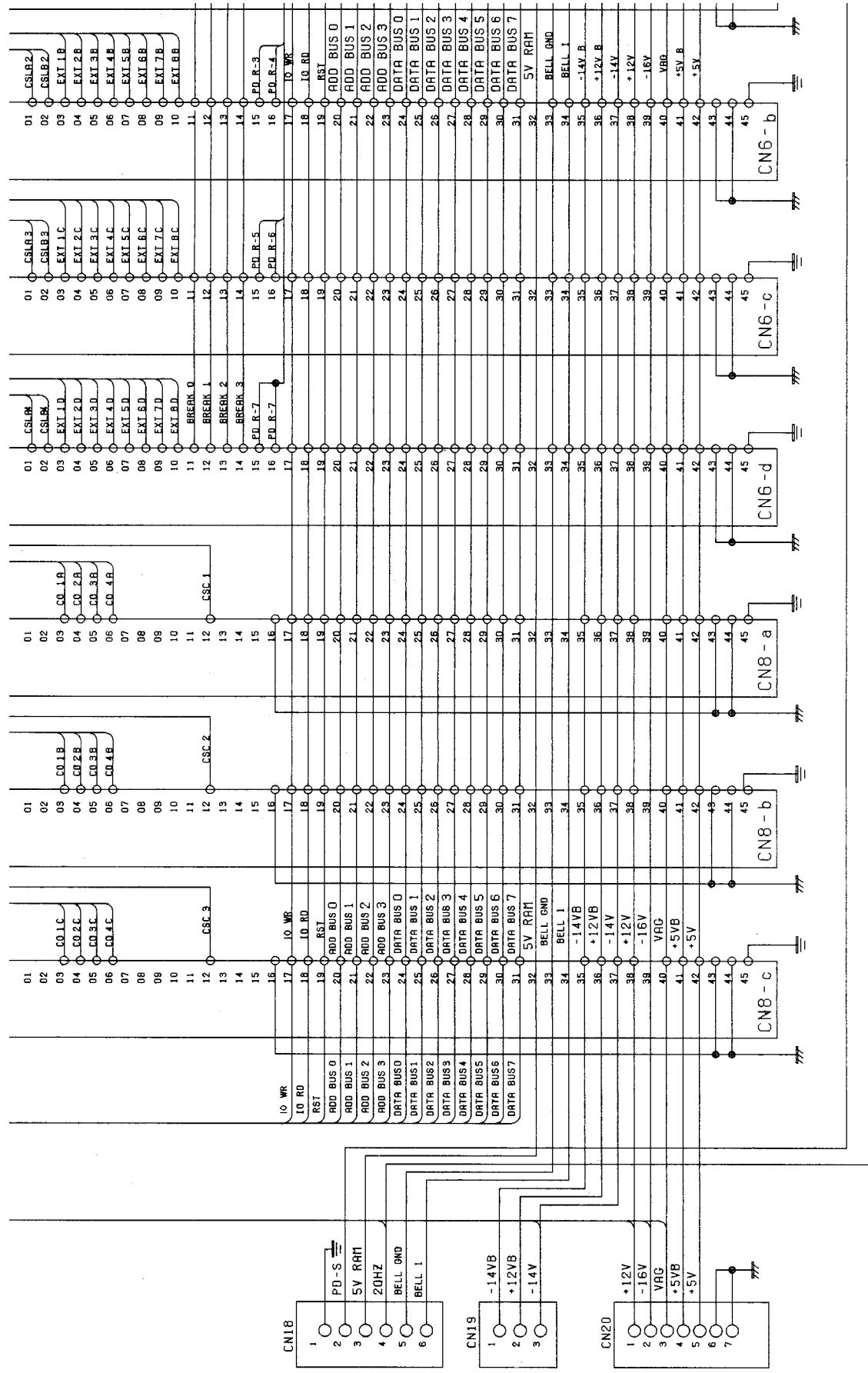
LC4

LC3

LC2







A

B

C

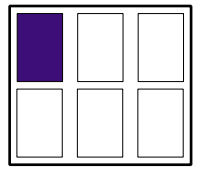
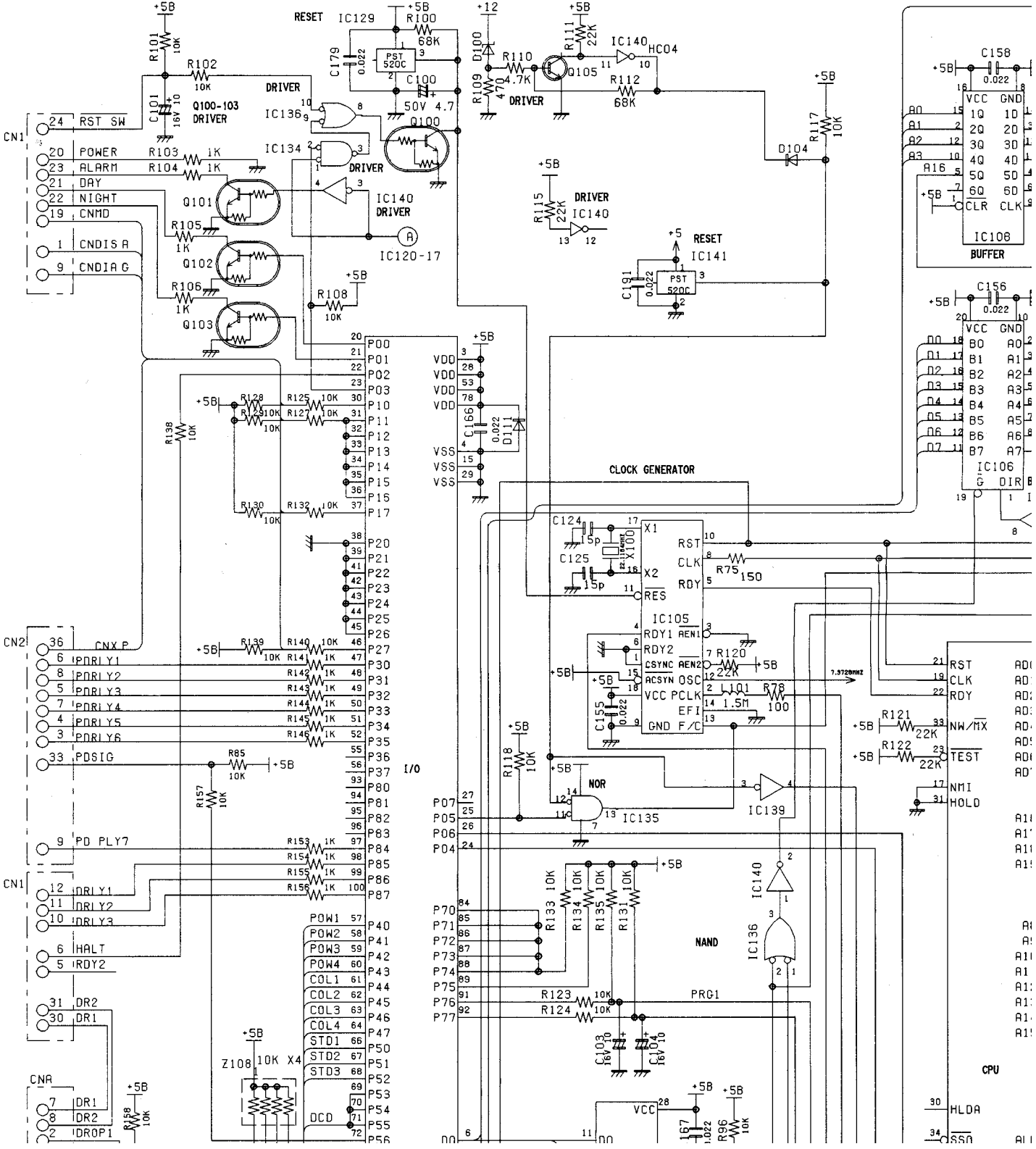
D

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H



SCHEMATIC DIAGRAM (CPU)

7

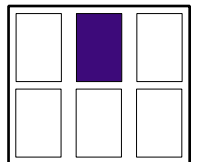
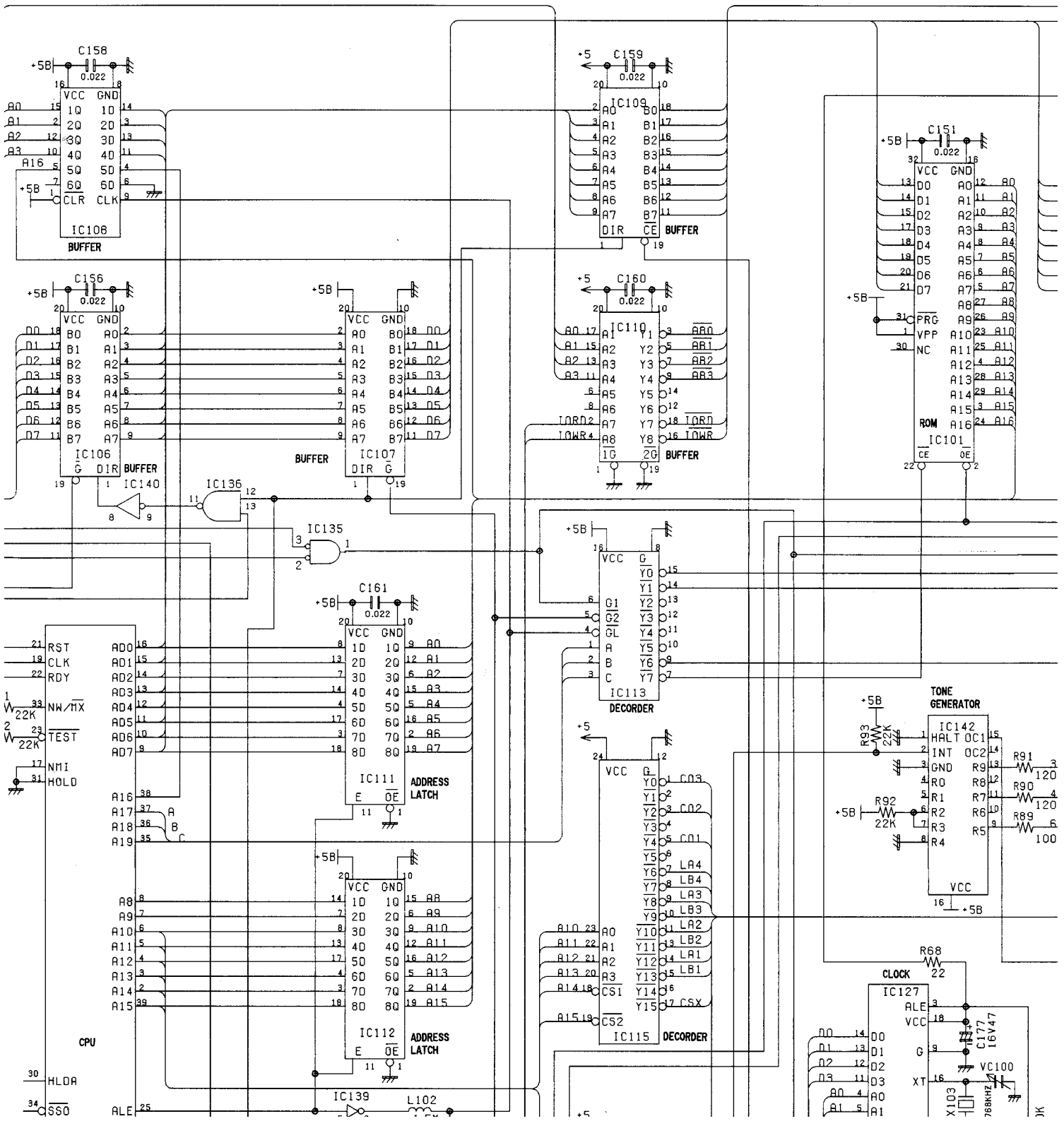
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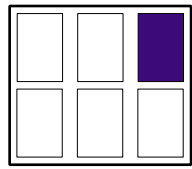
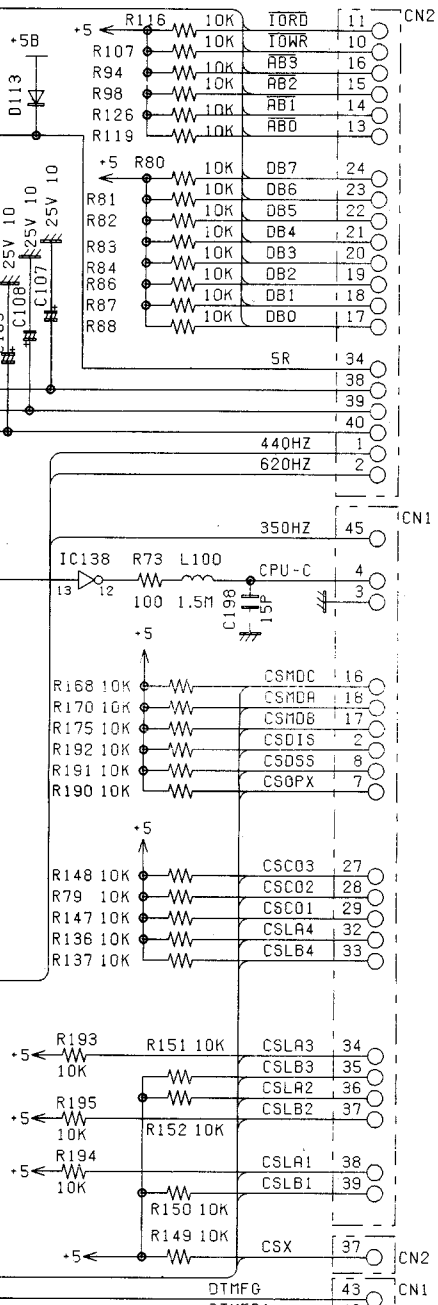
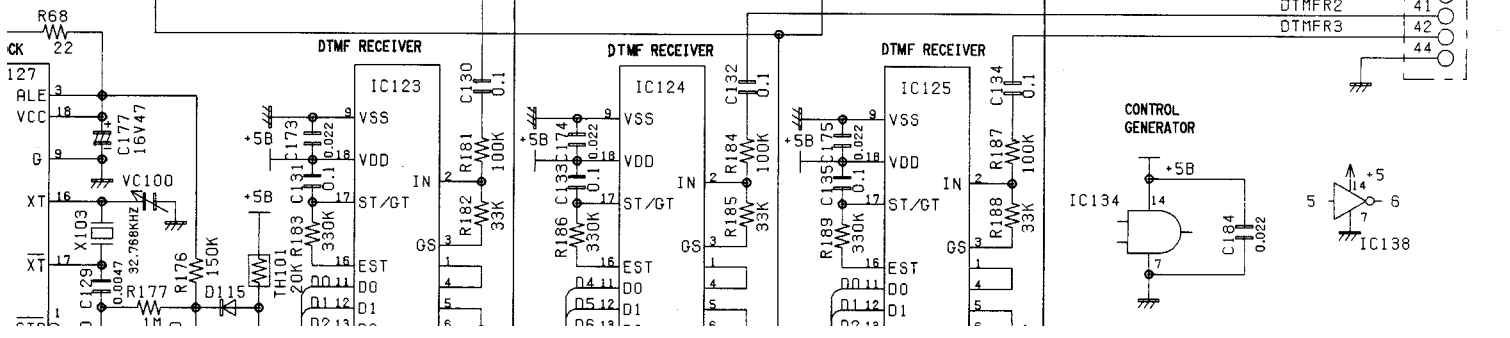
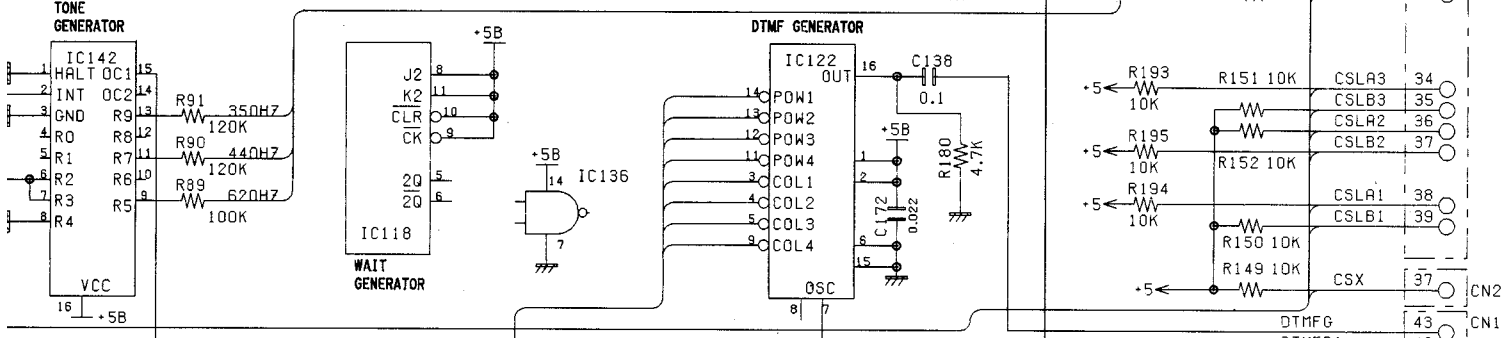
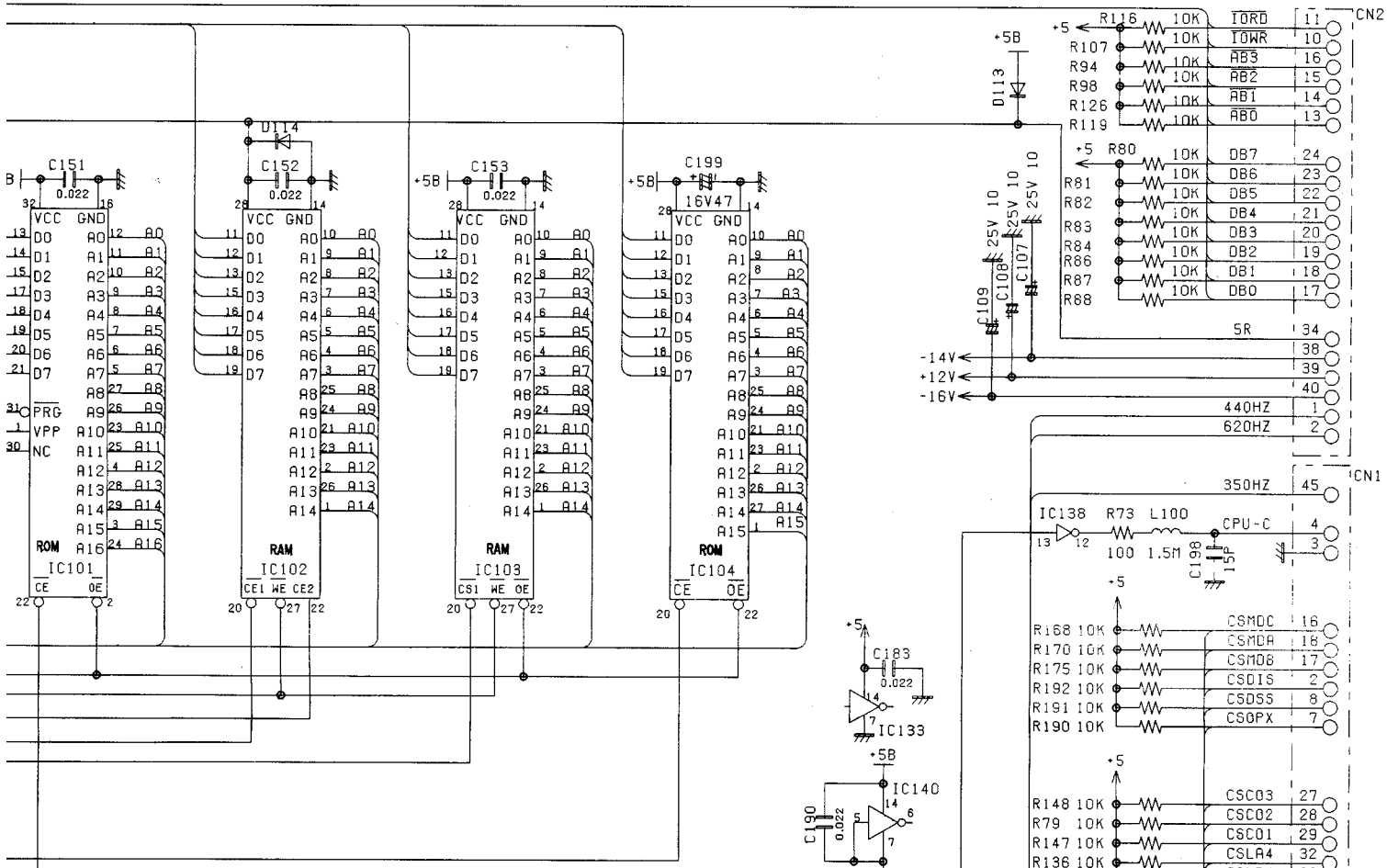
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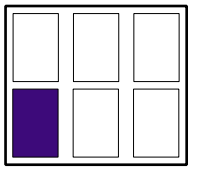
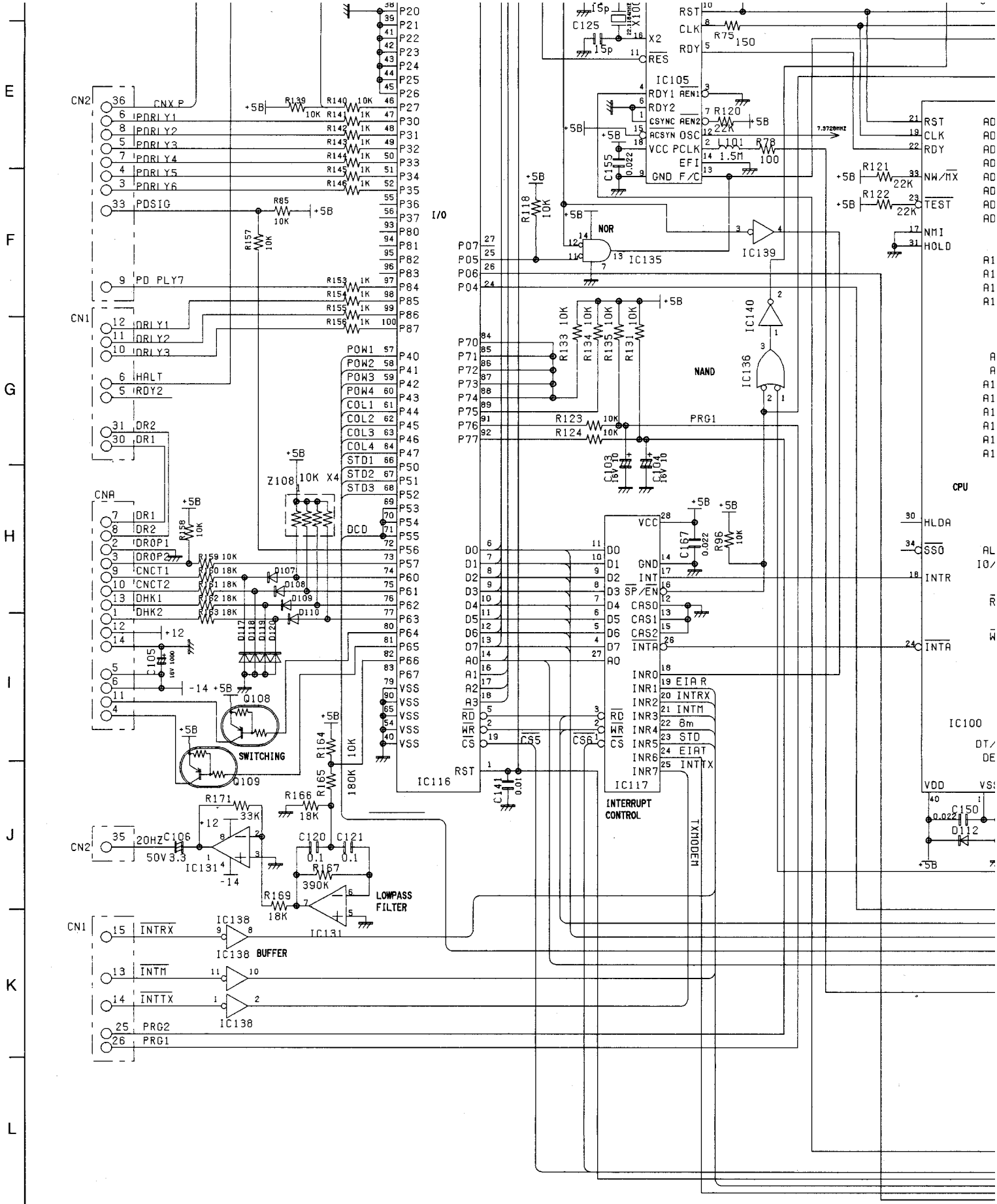
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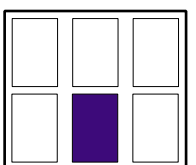
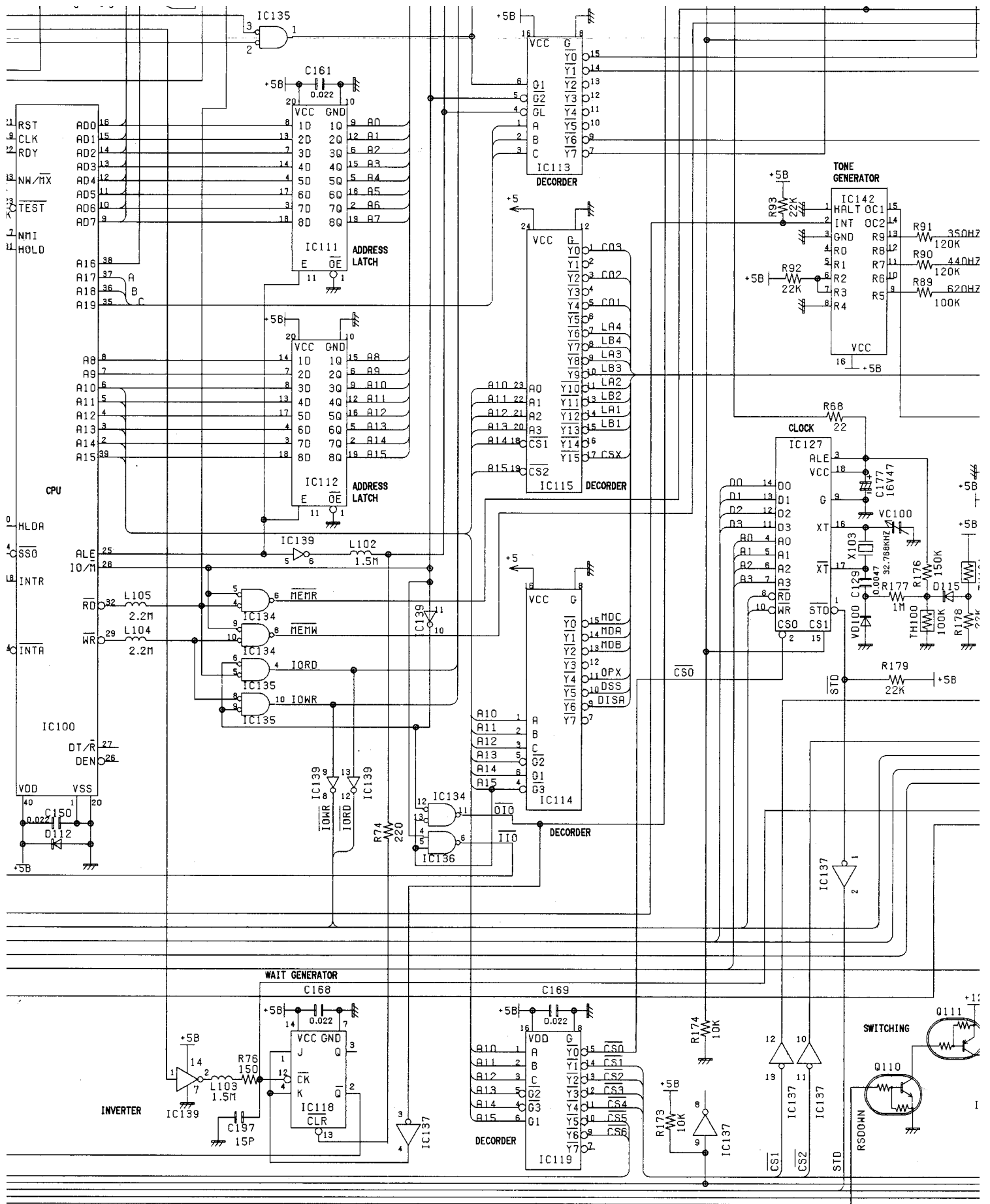
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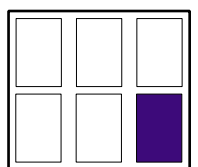
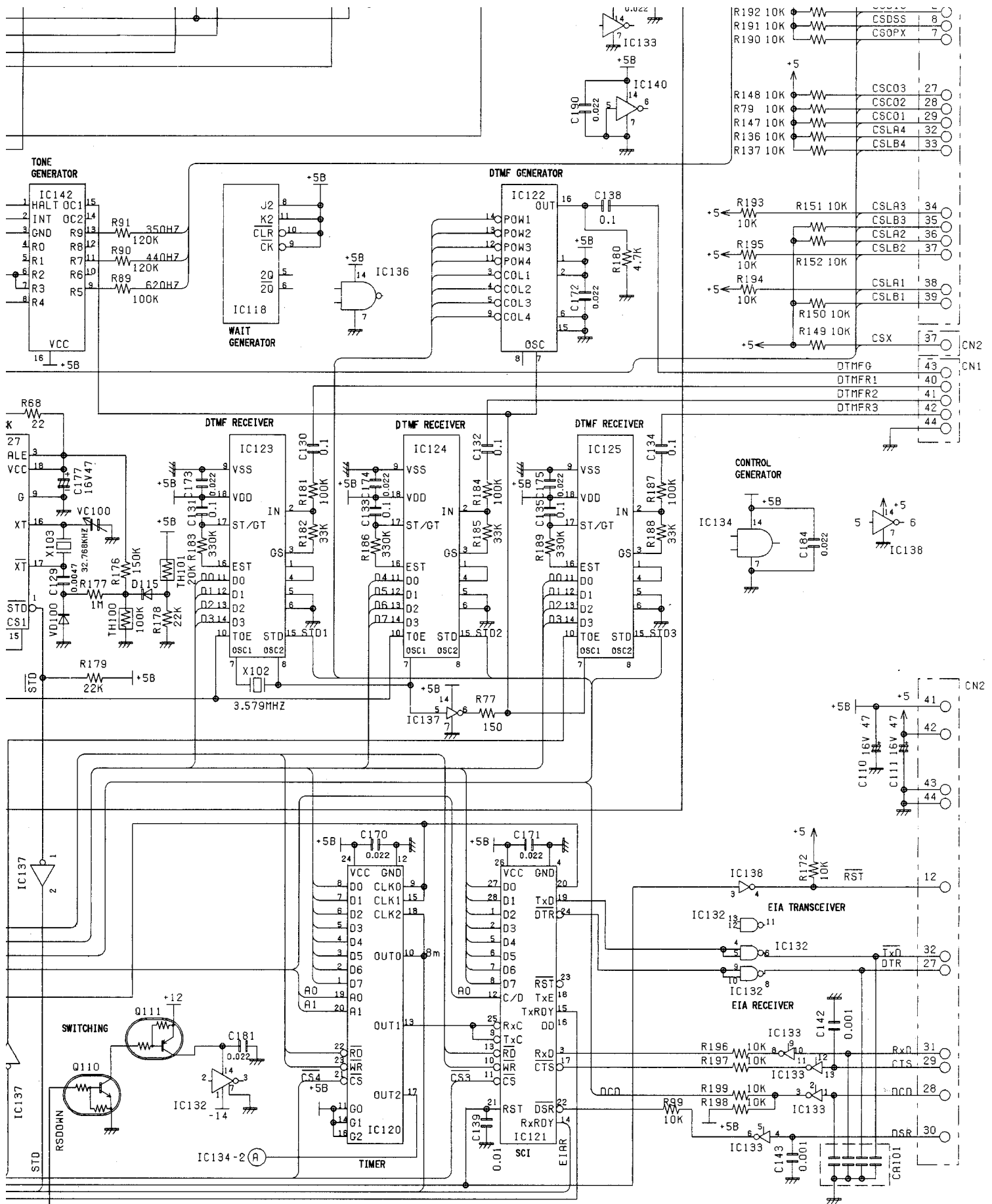
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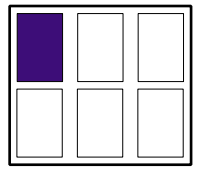
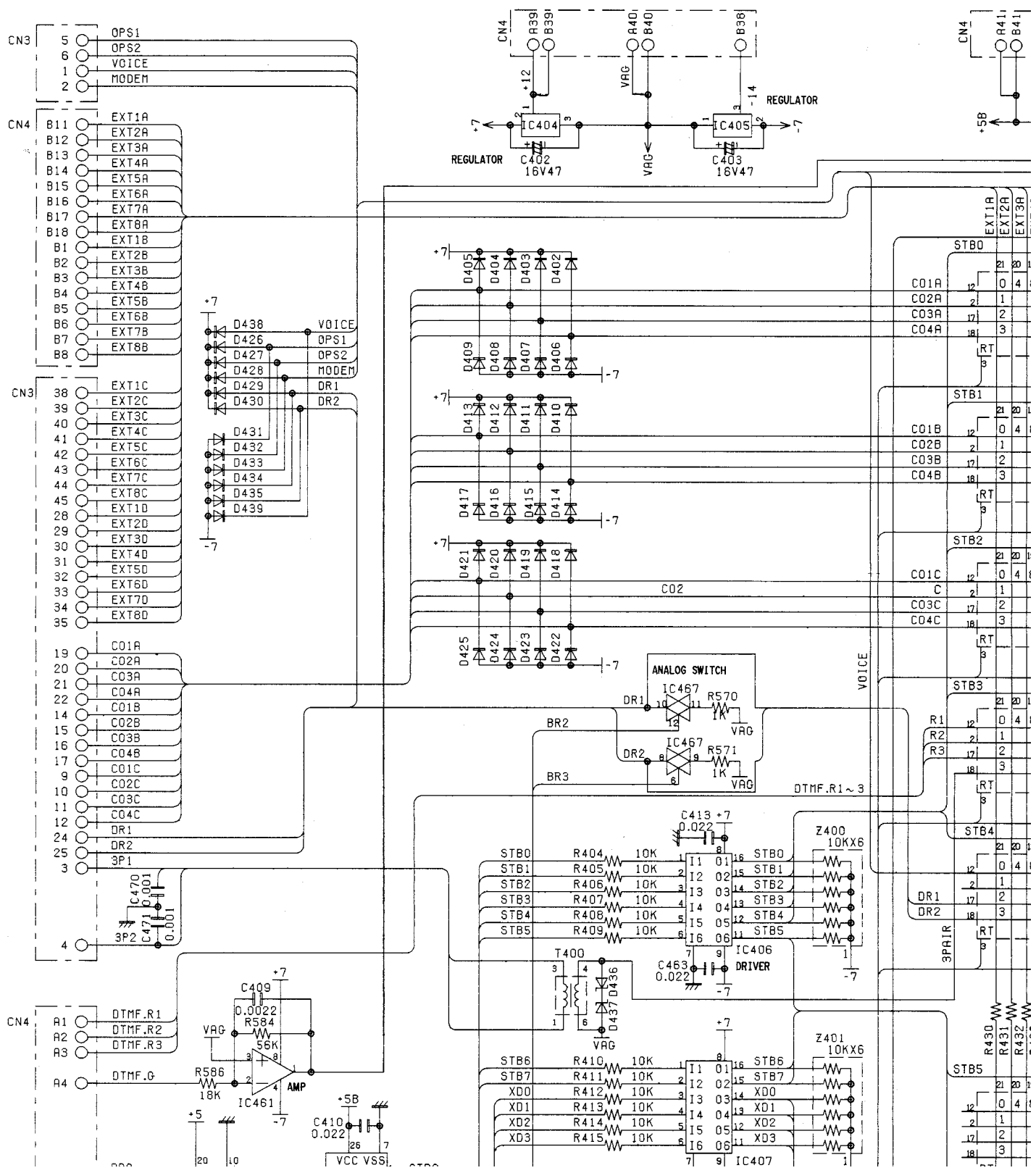






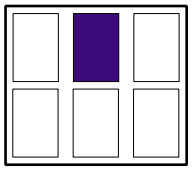
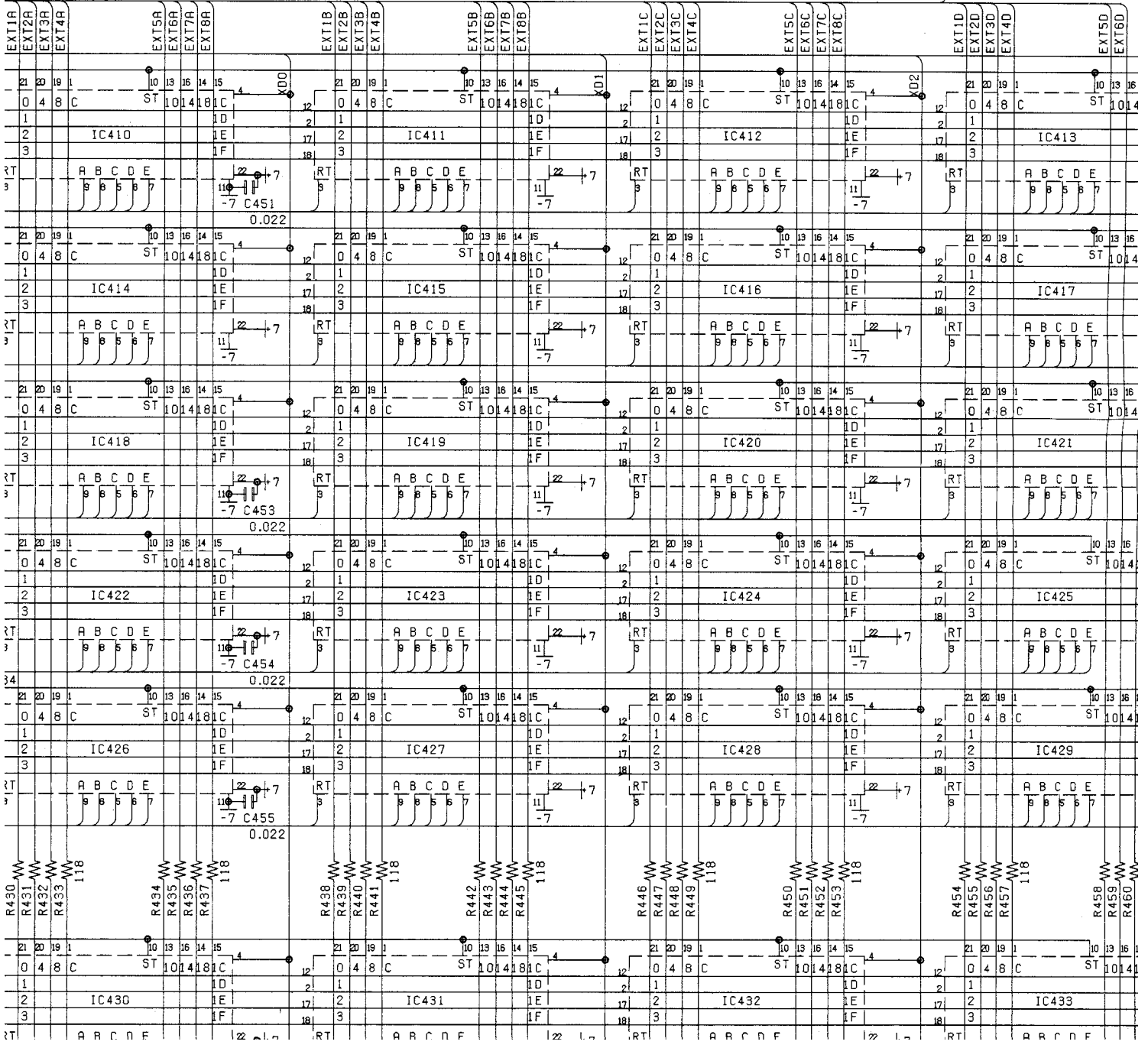
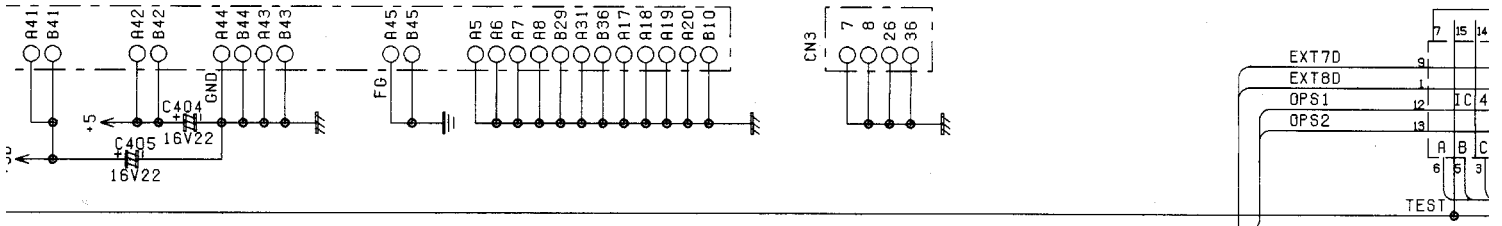


A
B
C
D
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H



SCHEMATIC DIAGRAM (CROSS POINT SWITCH)

7 8 9 10 11 12 13



1)

12

13

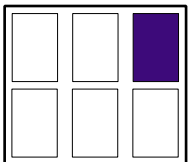
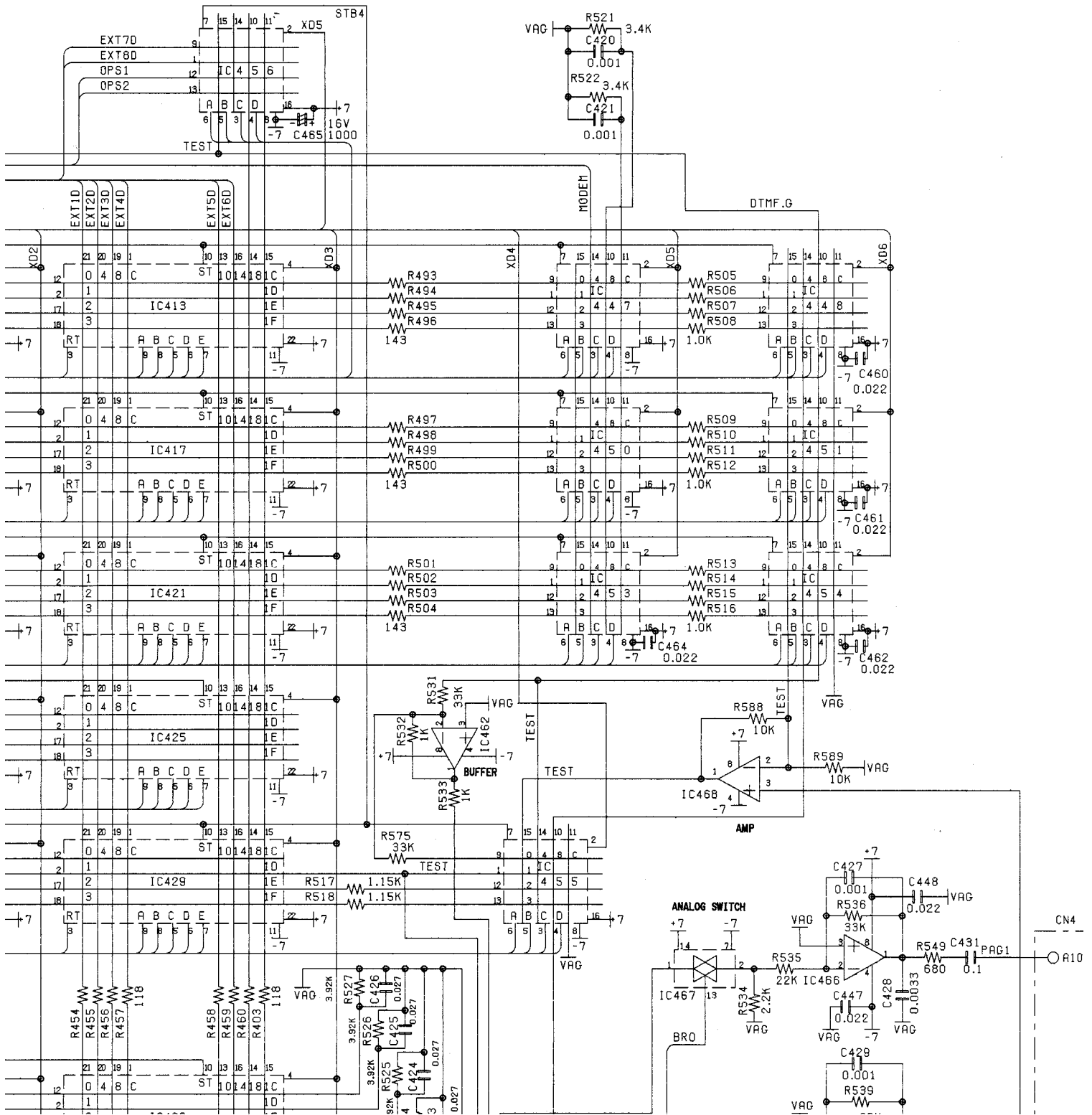
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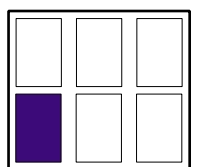
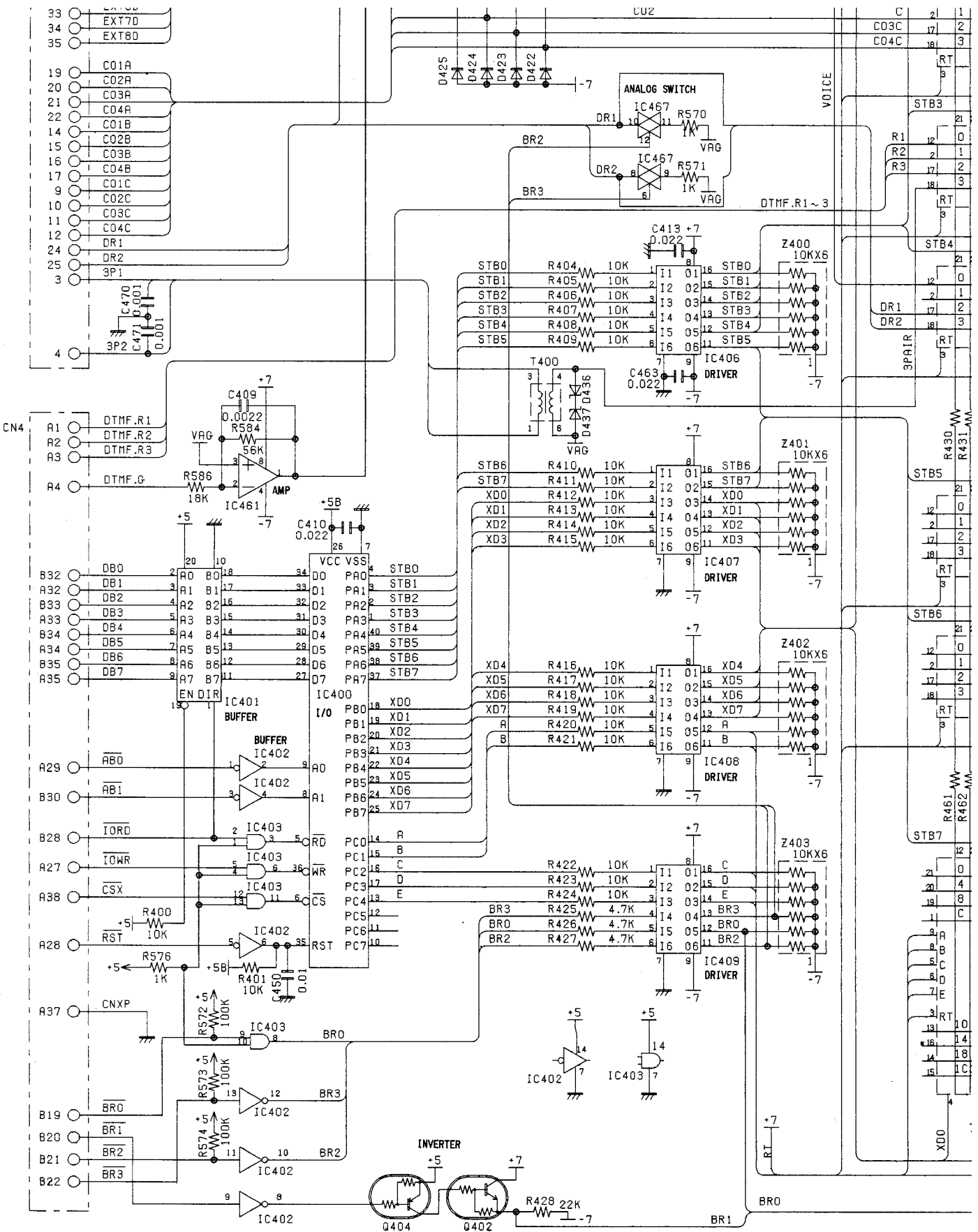
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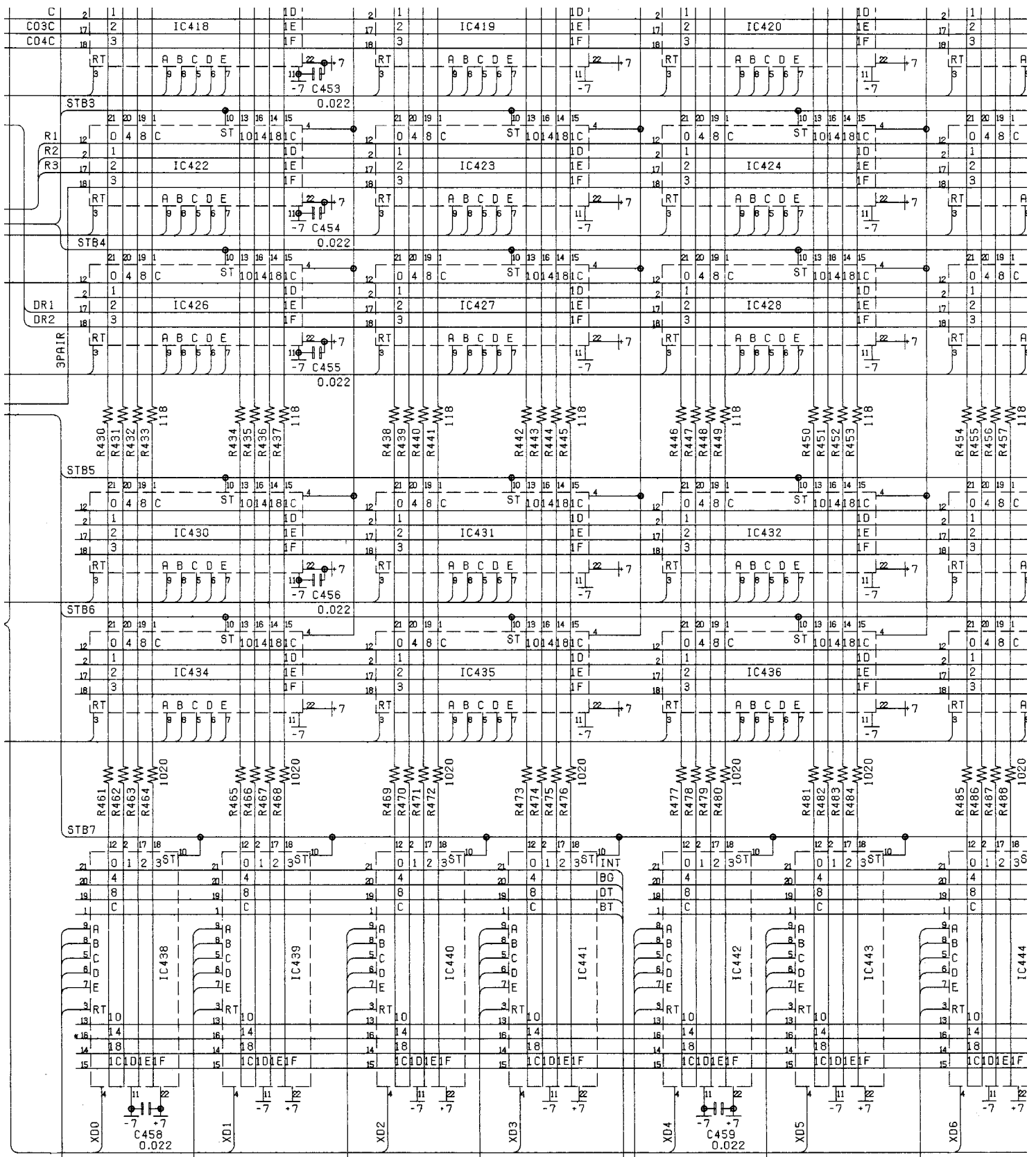
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18

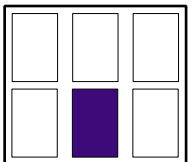


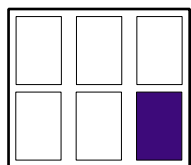
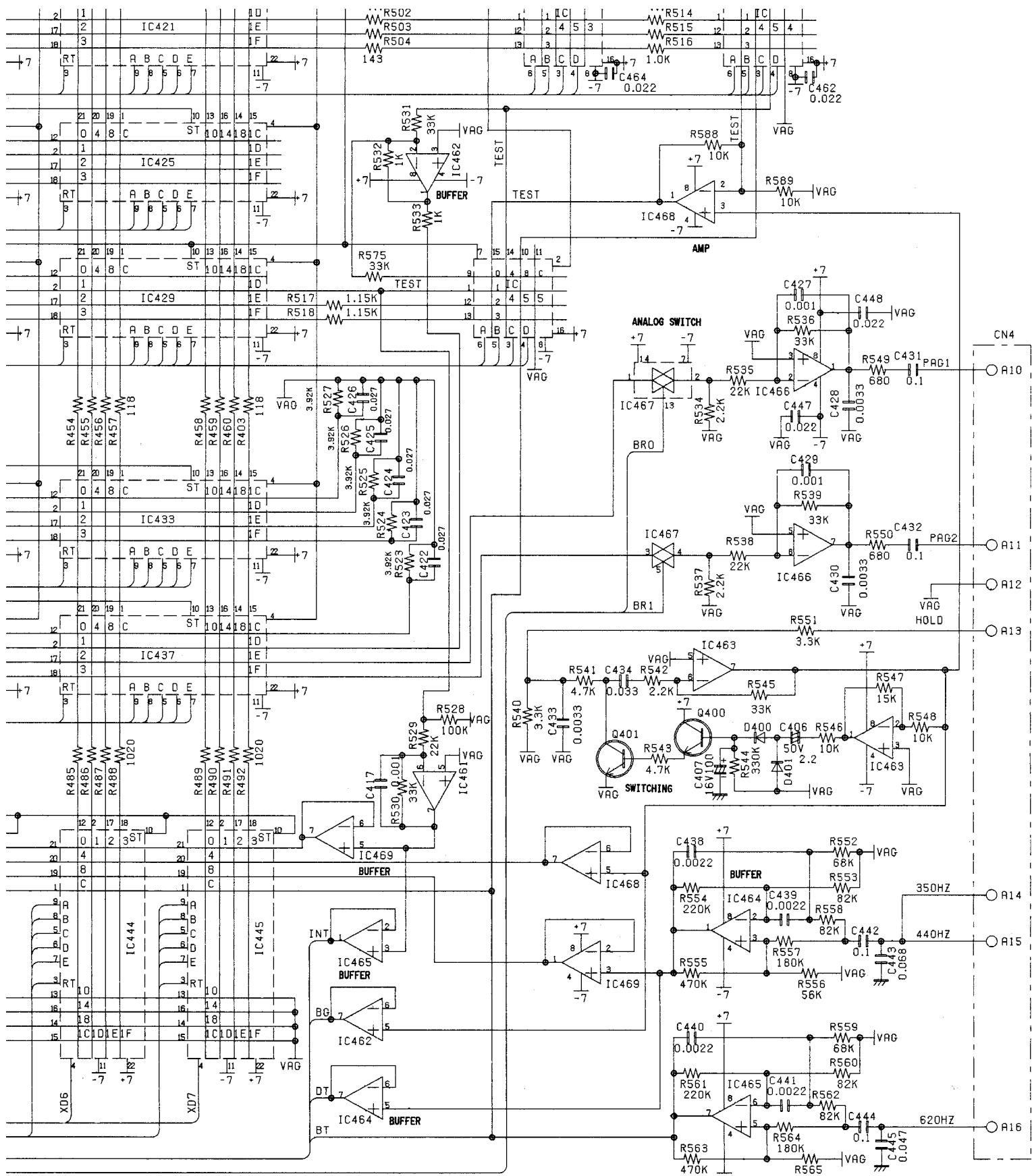
E
F
G
H
I
J
K
L





IC410-456 CROSS POINT SWITCH





A

B

C

D

E

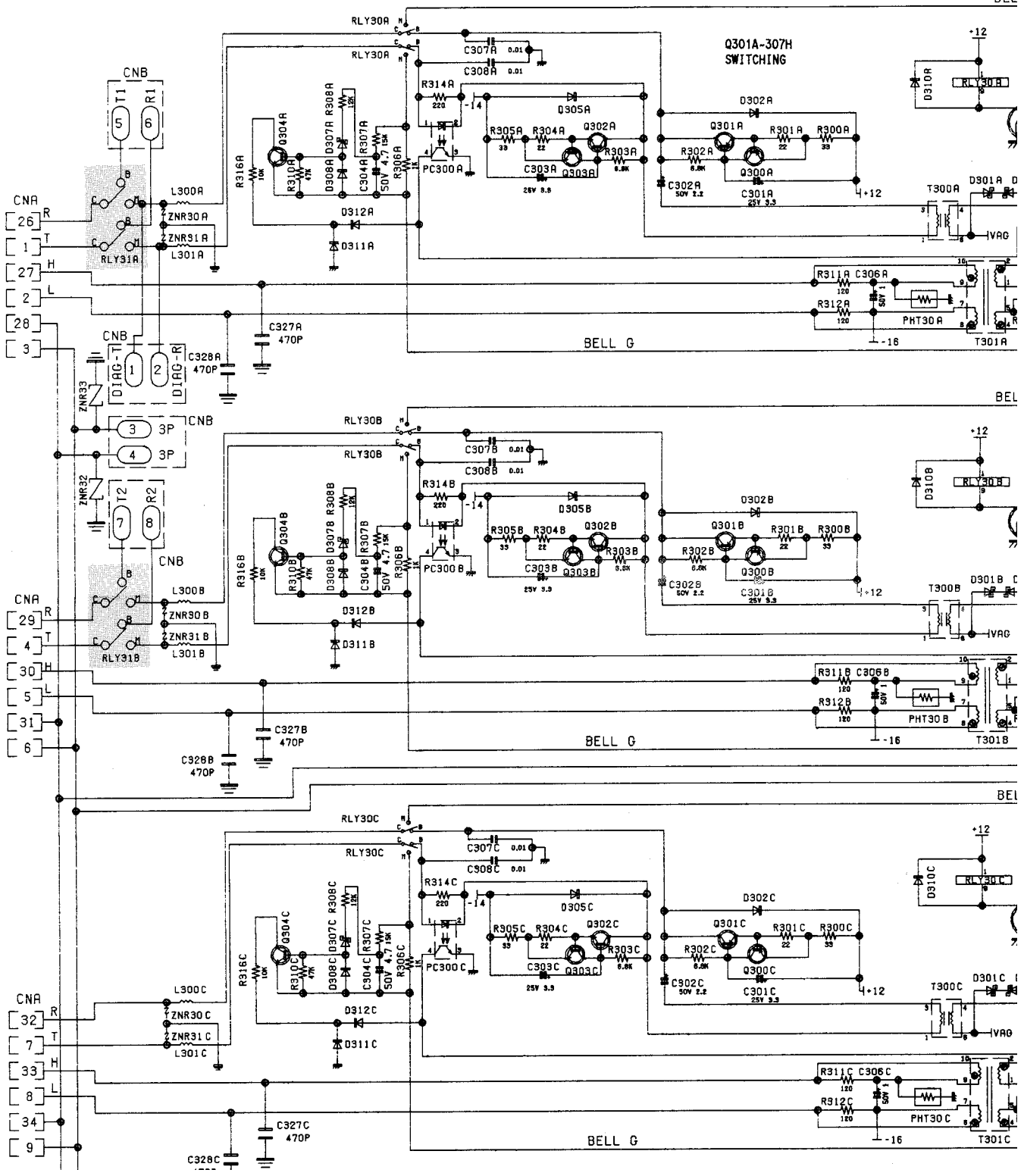
F

G

BEL

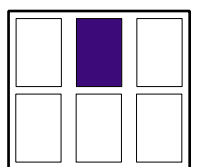
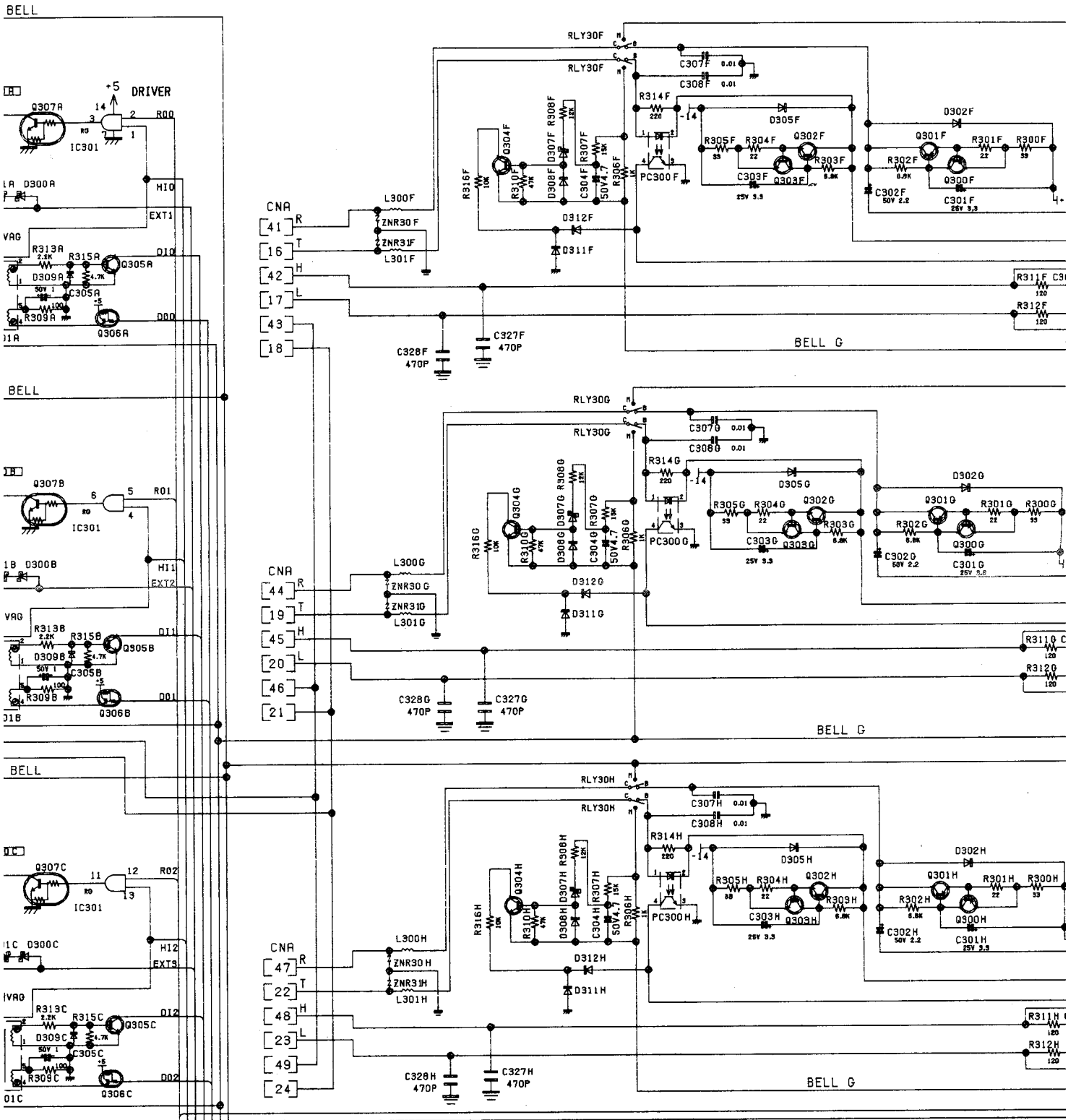
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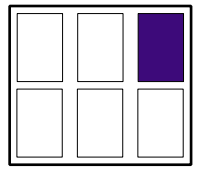
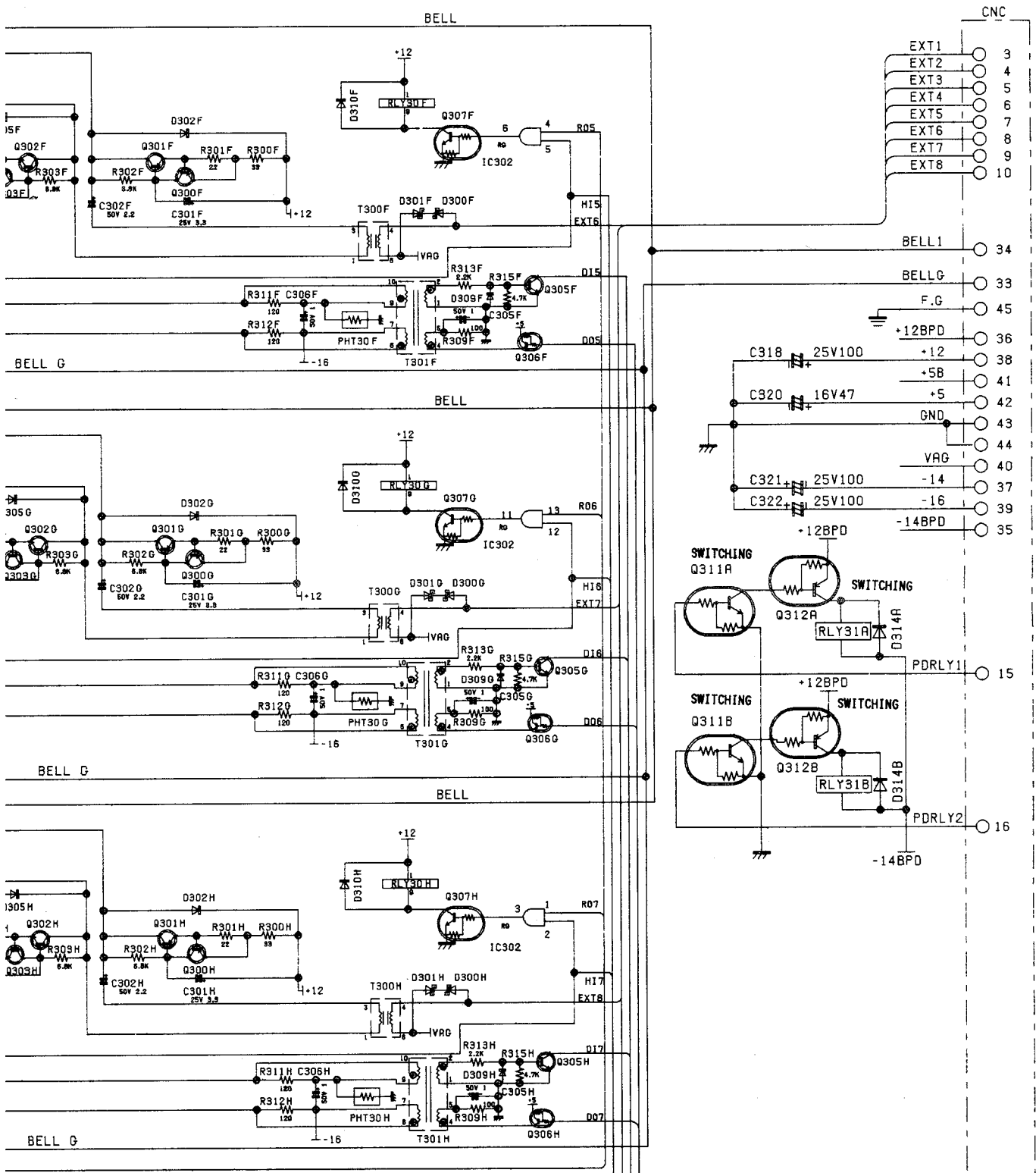
BEL



SCHEMATIC DIAGRAM (LC1, 2)

7 8 9 10 11 12 13





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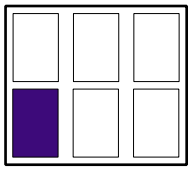
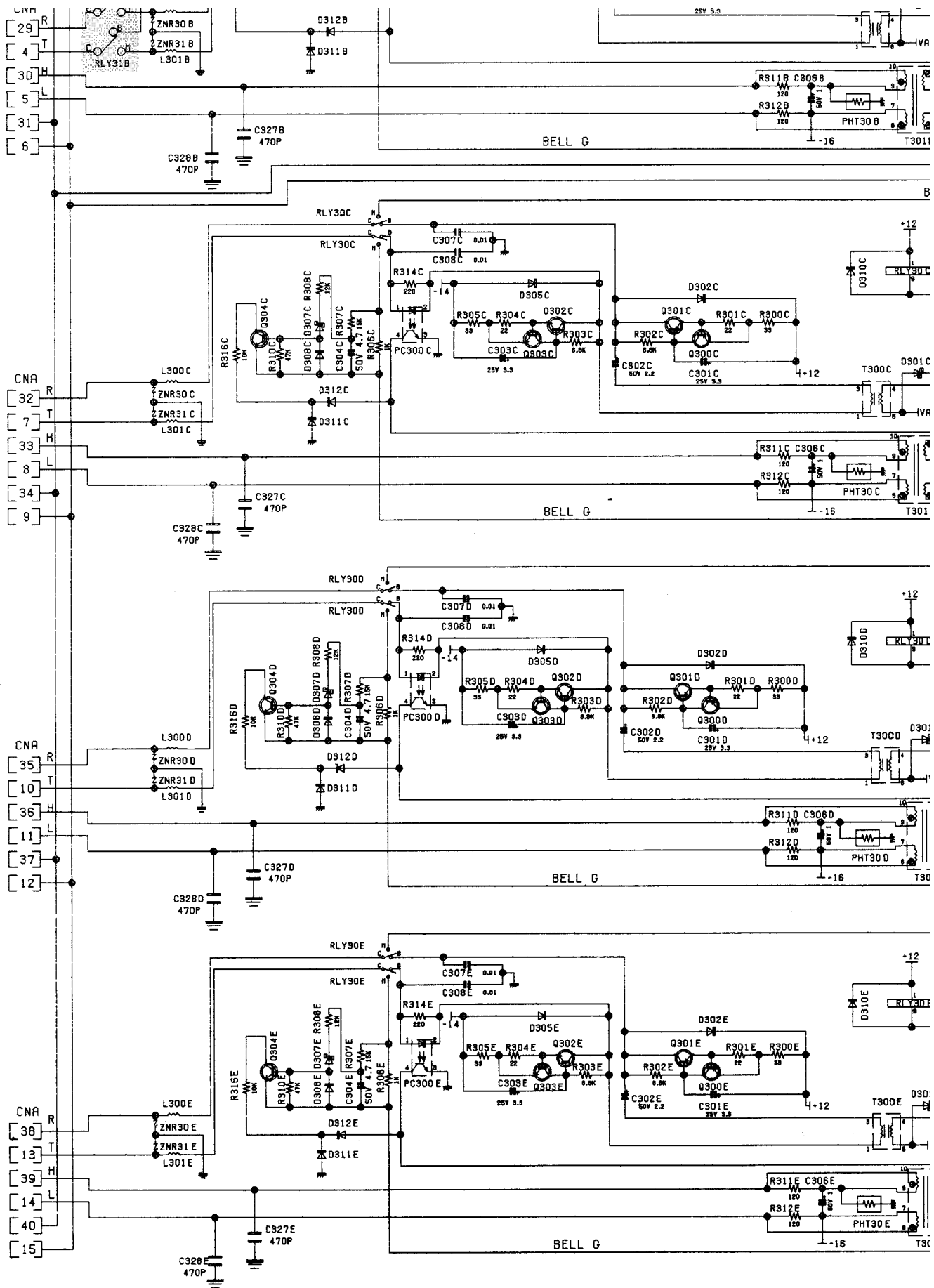
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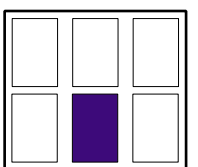
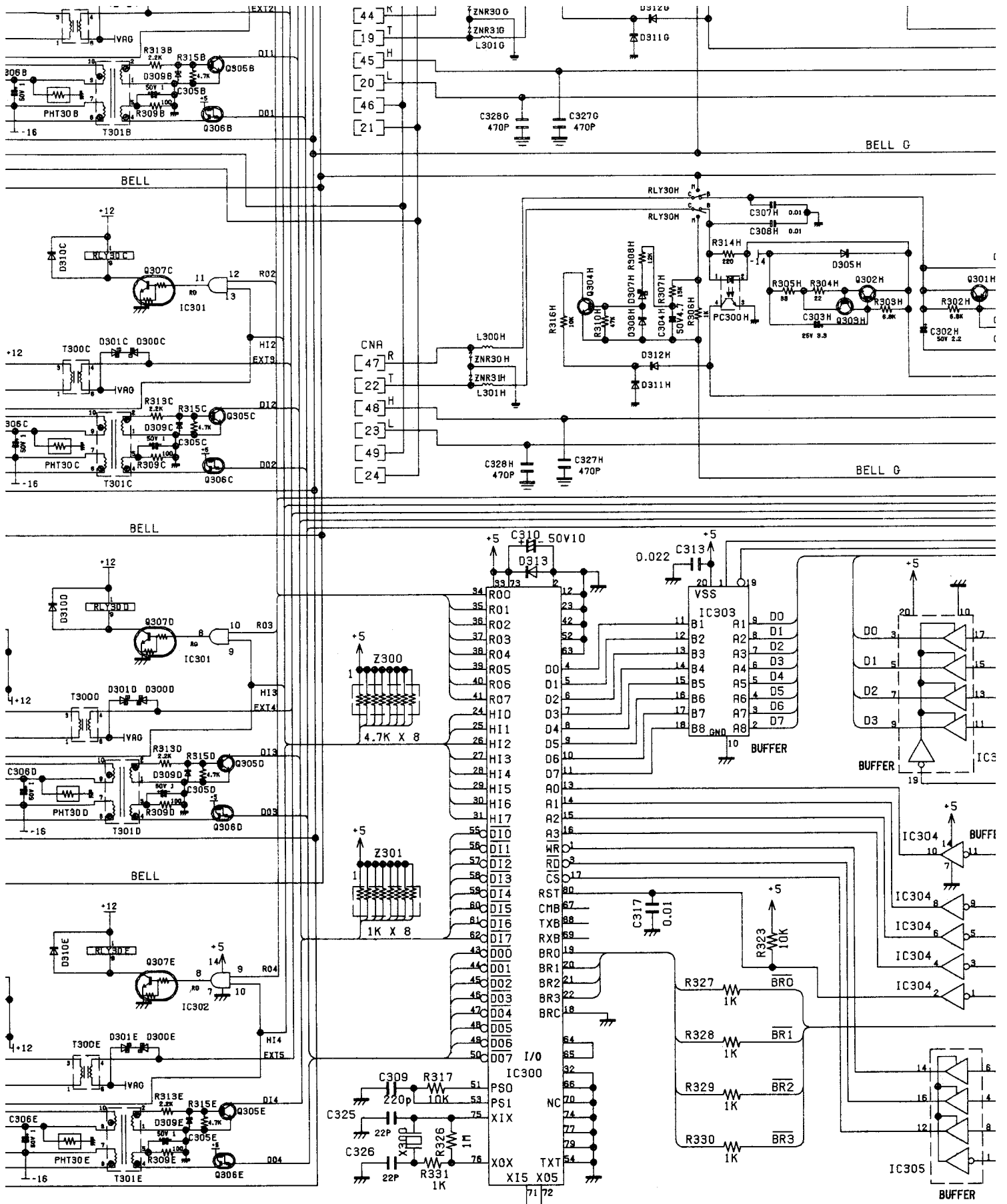
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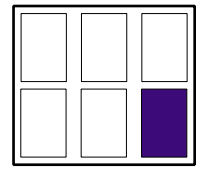
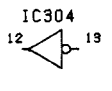
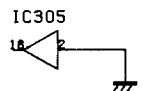
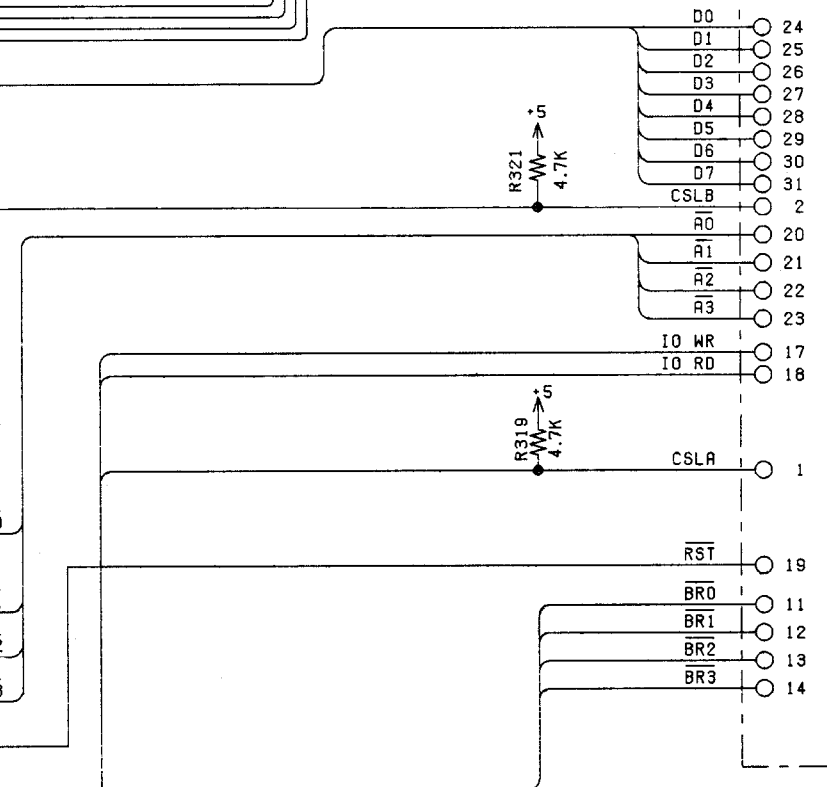
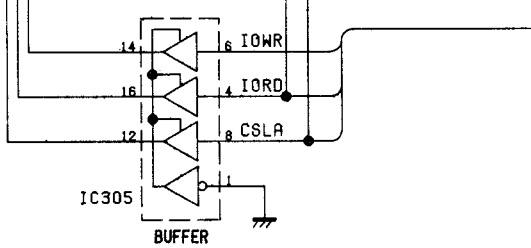
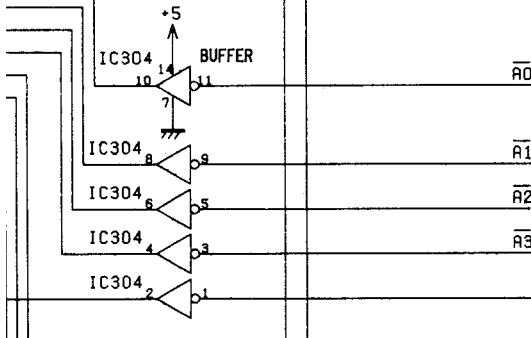
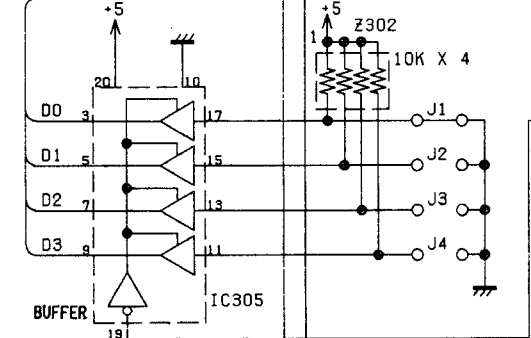
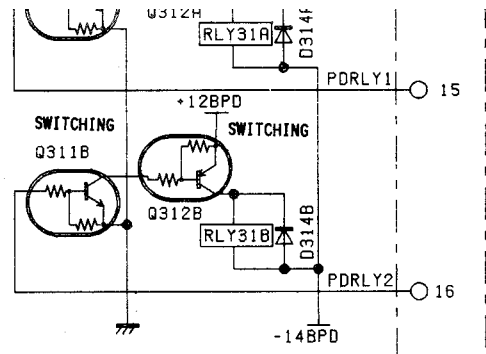
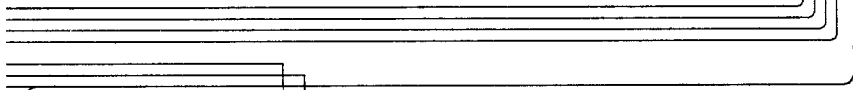
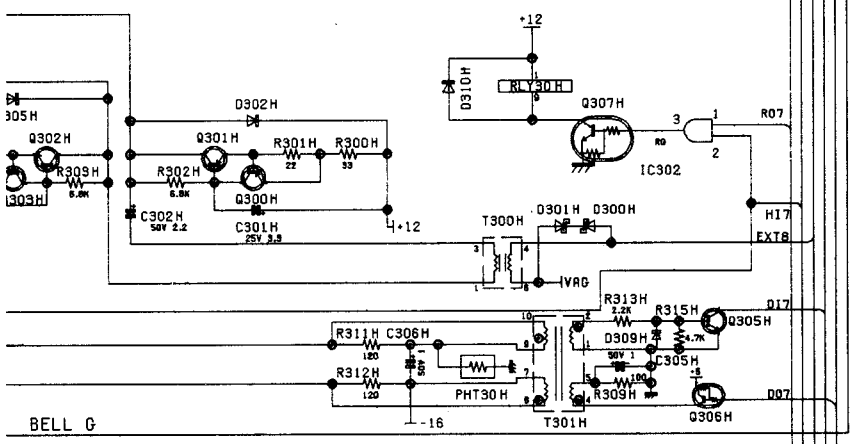
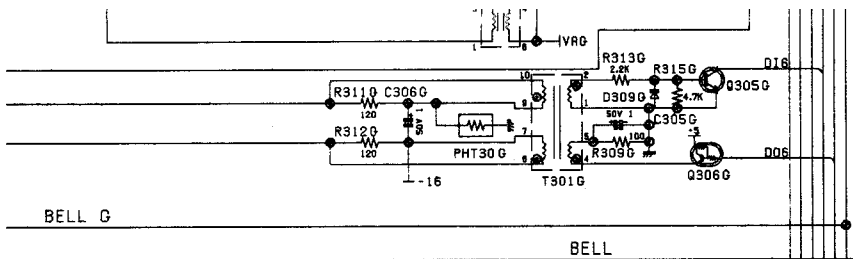
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K

L







A

B

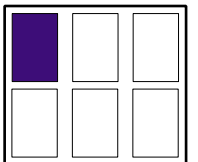
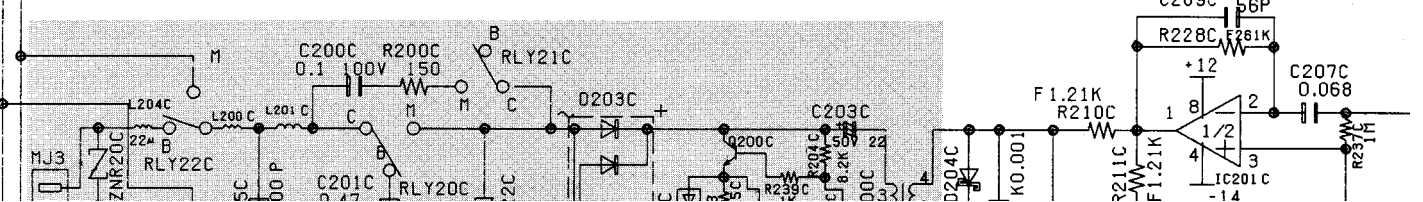
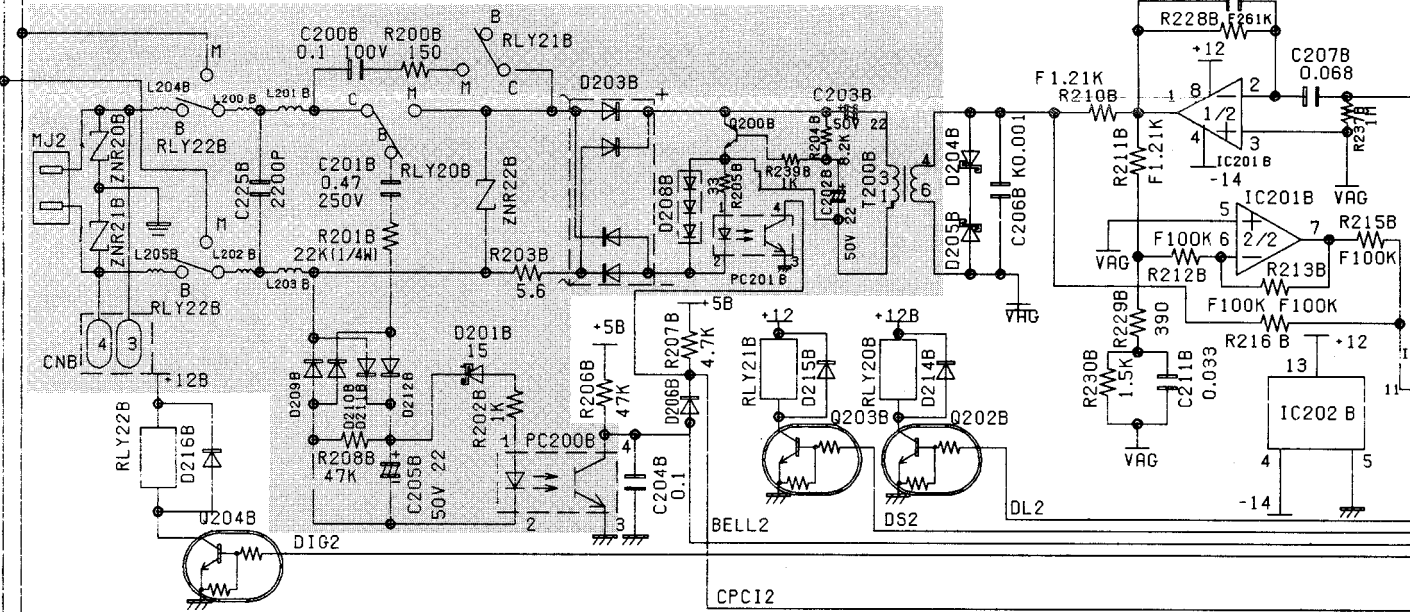
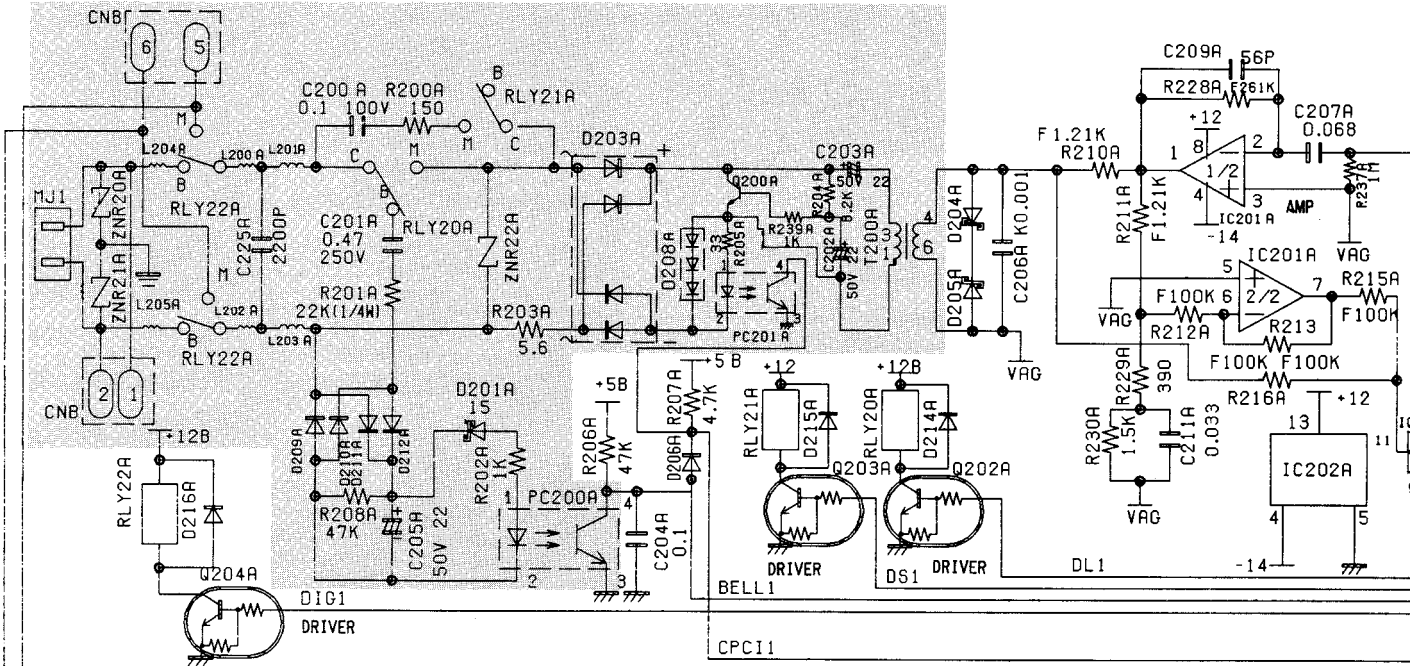
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SCHEMATIC DIAGRAM (CO-1)

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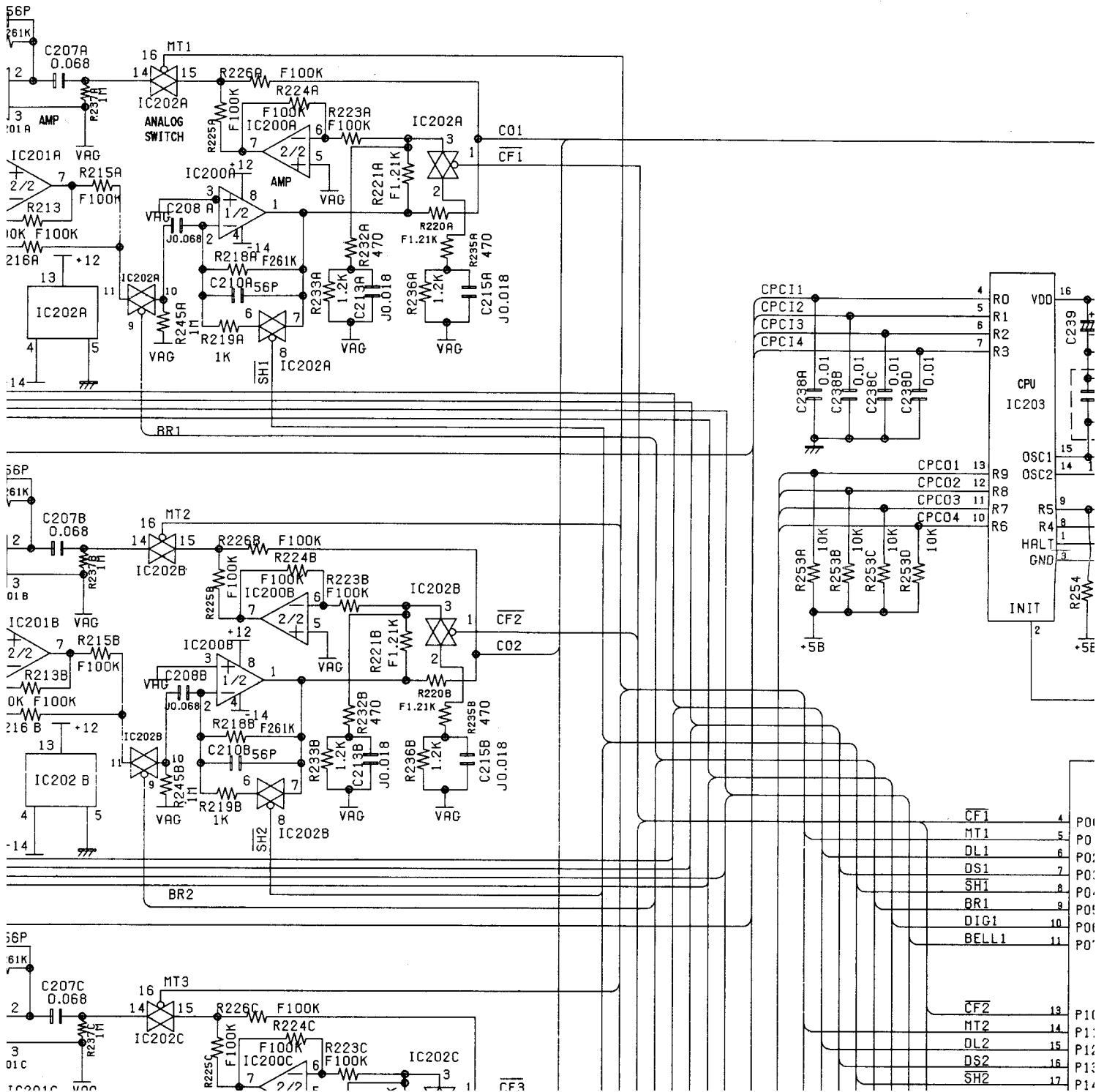
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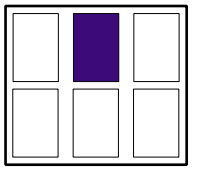
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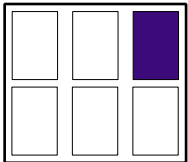
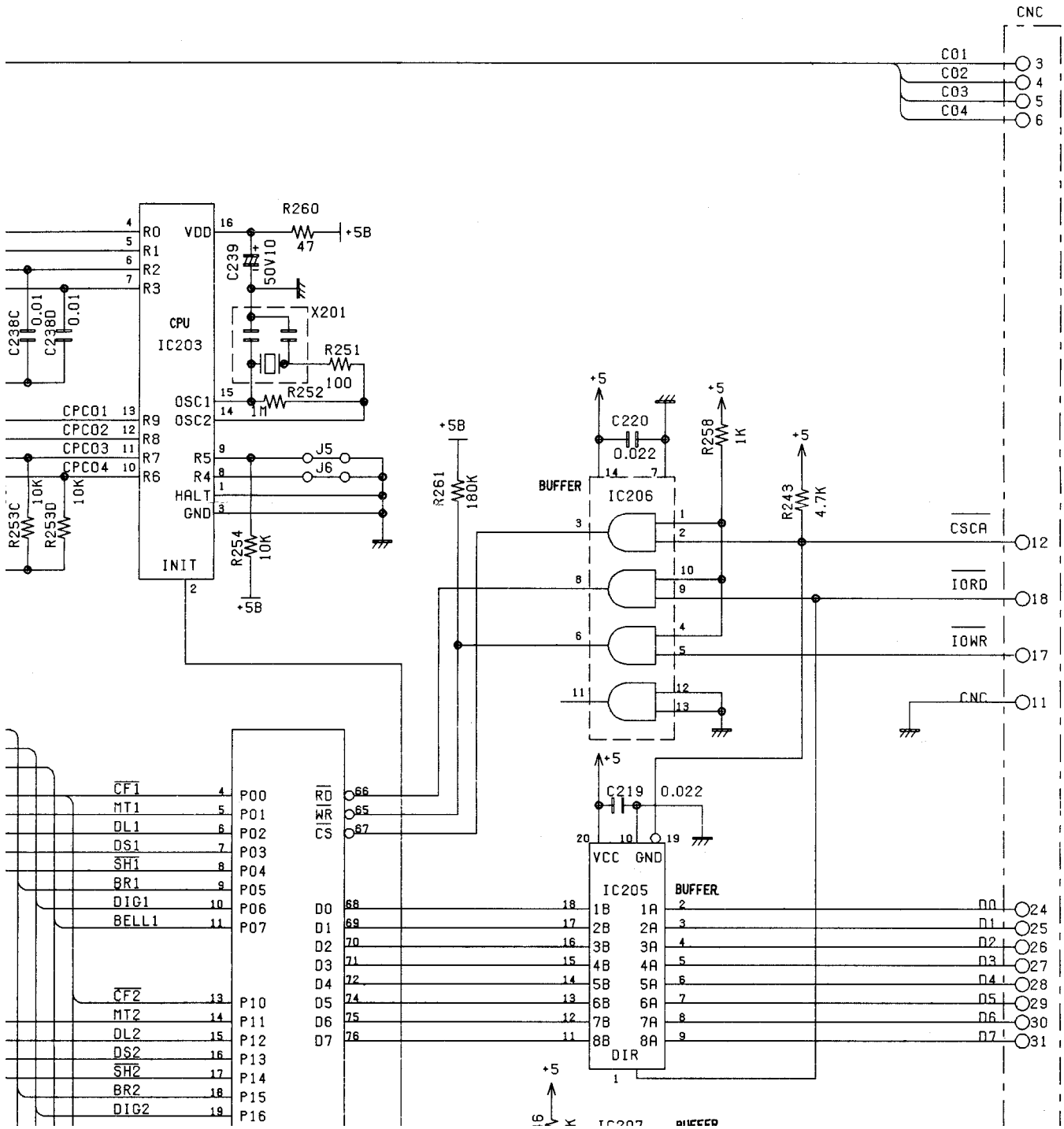
11

12



CF1	4	P01
MT1	5	P0
DL1	6	P0:
DS1	7	P0:
SH1	8	P0:
BR1	9	P0:
DIG1	10	P0:
BELL1	11	P0:
CF2	13	P10
MT2	14	P1:
DL2	15	P1:
DS2	16	P1:
SH2	17	P1:





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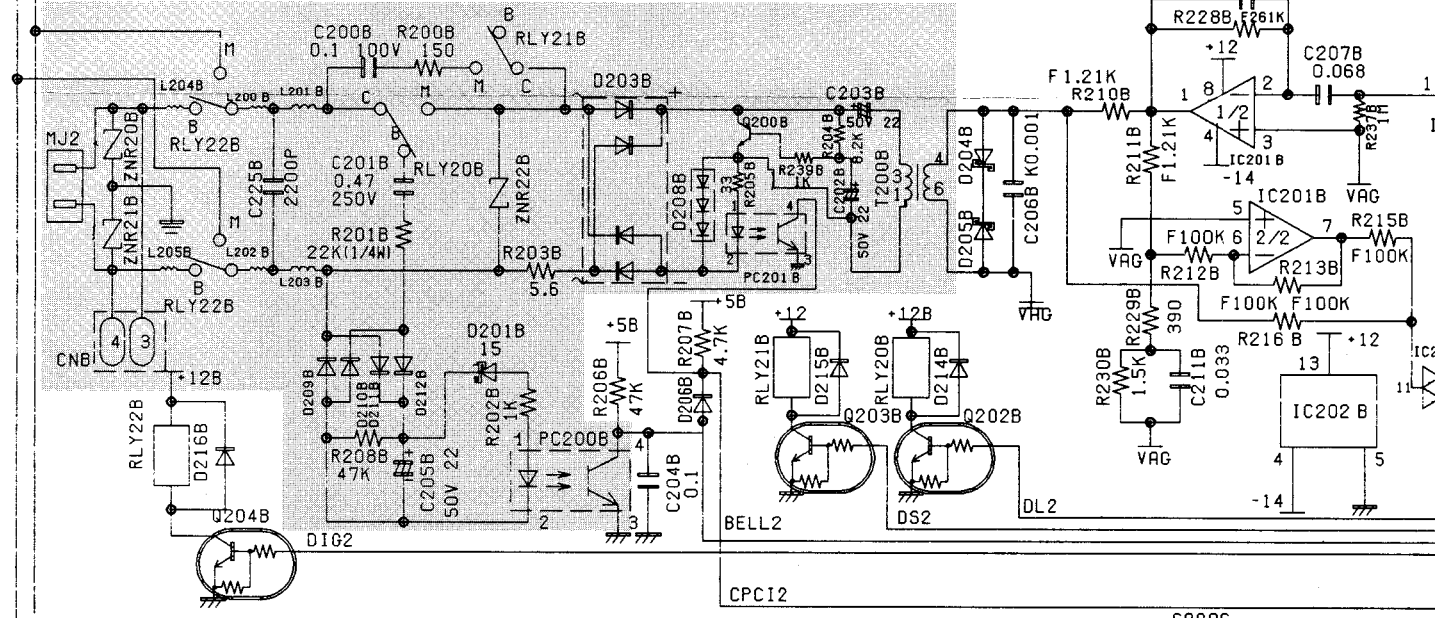
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I

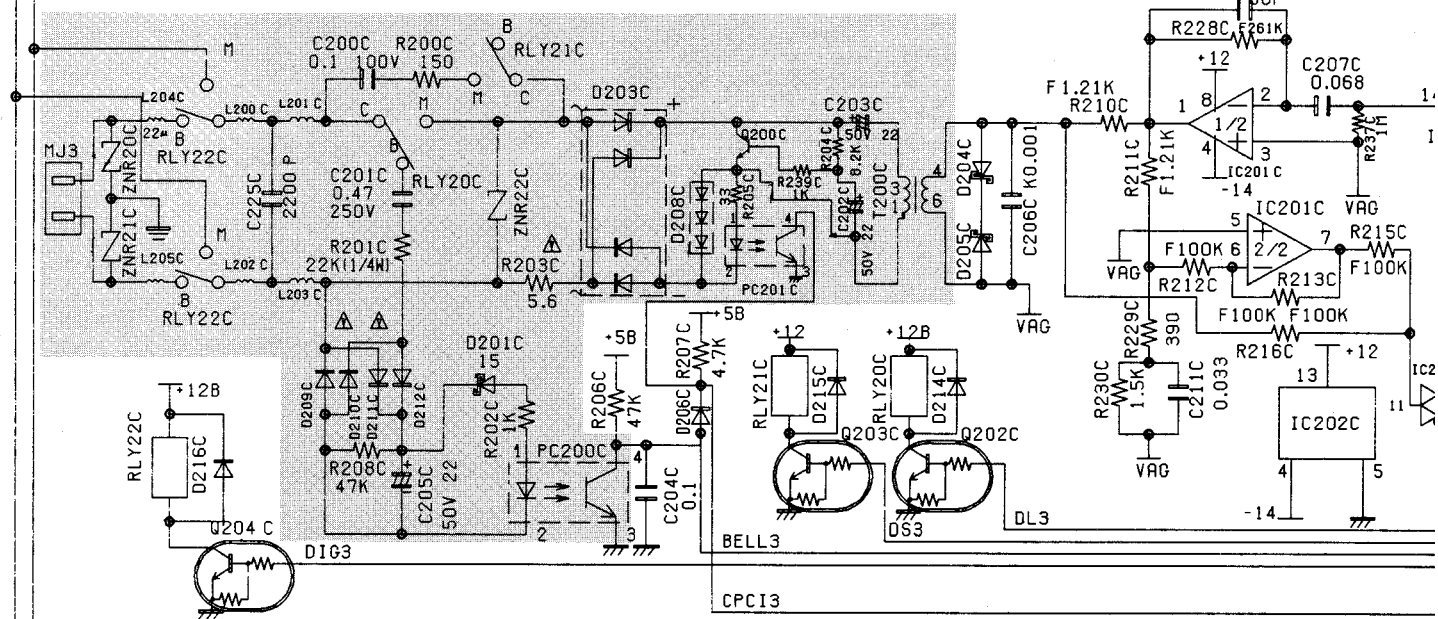
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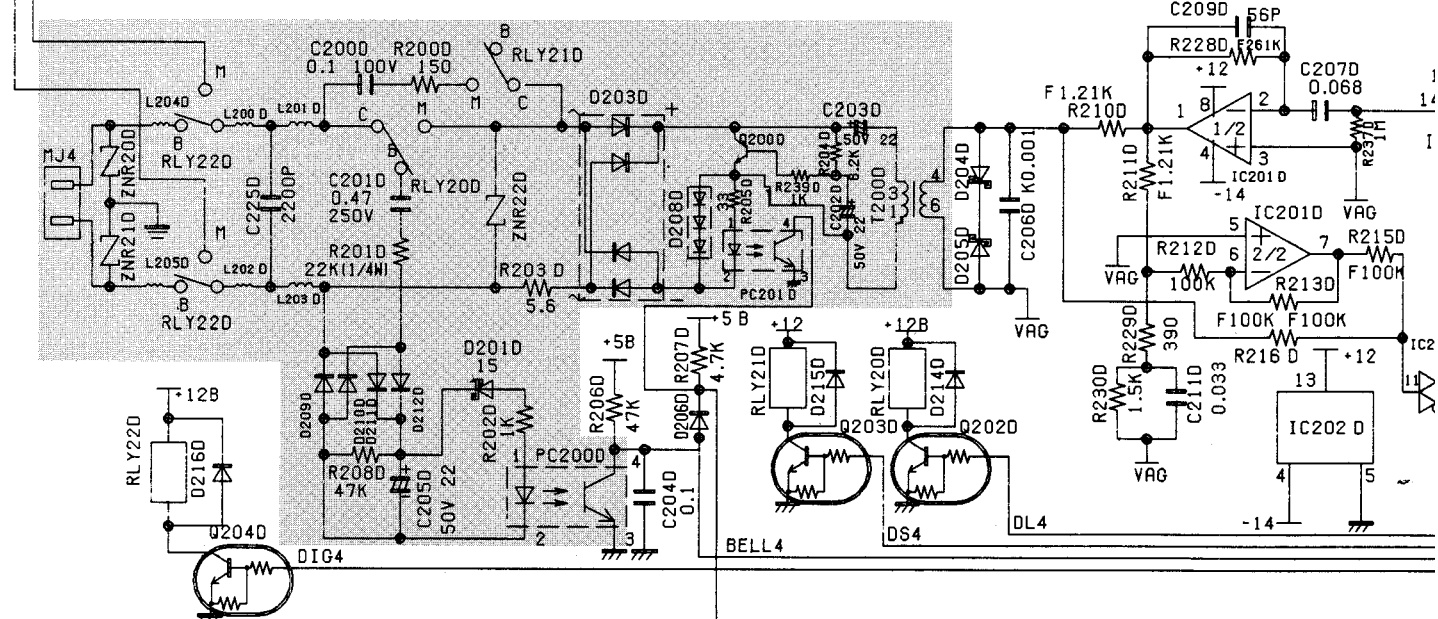
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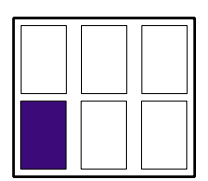
CPC12

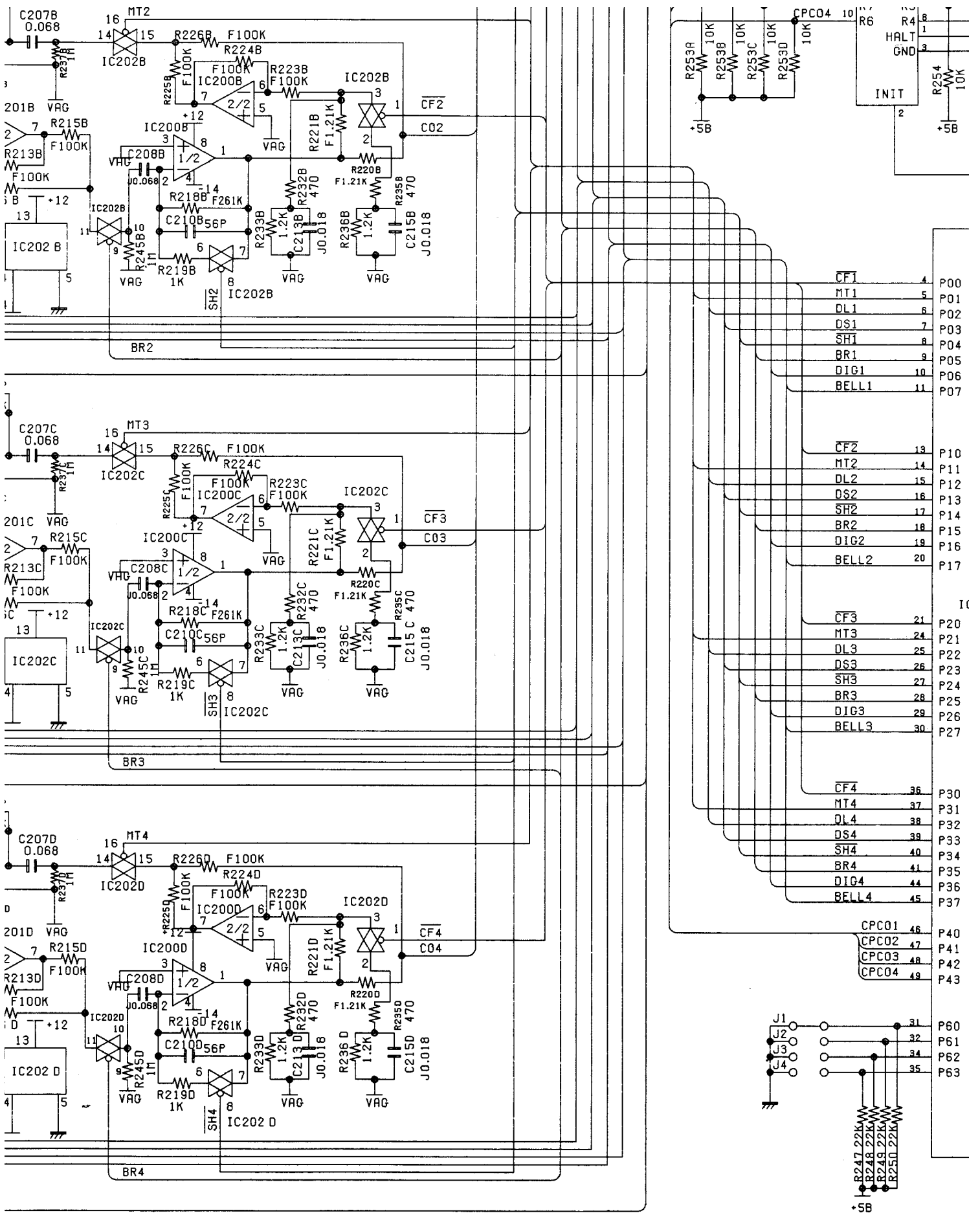


CPC13

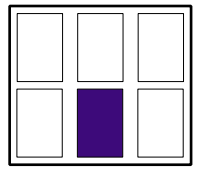


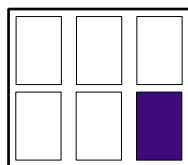
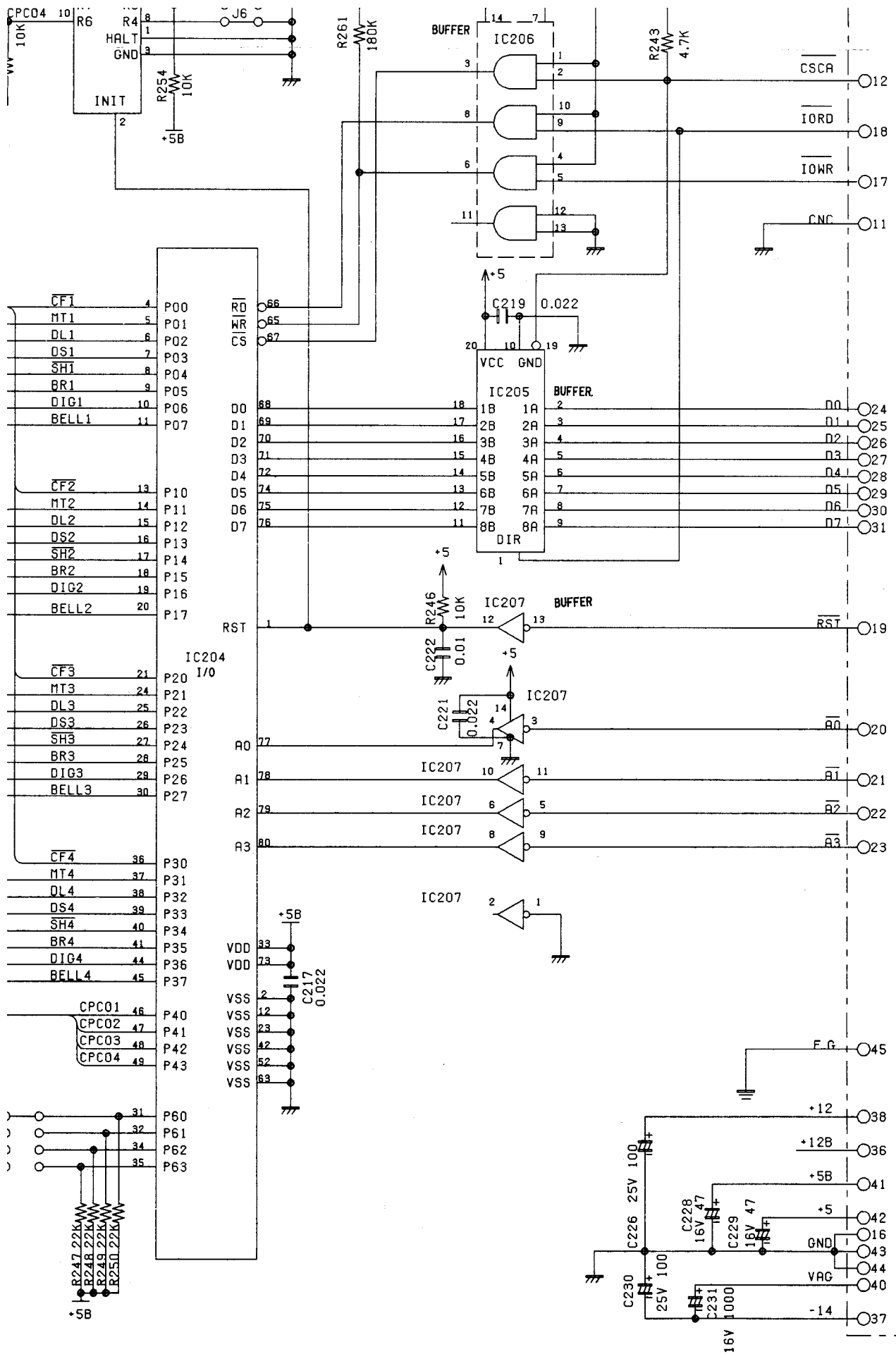
CPC14





CF1	4	P00
MT1	5	P01
DL1	6	P02
DS1	7	P03
SH1	8	P04
BR1	9	P05
DIG1	10	P06
BELL1	11	P07
CF2	19	P10
MT2	14	P11
DL2	15	P12
DS2	16	P13
SH2	17	P14
BR2	18	P15
DIG2	19	P16
BELL2	20	P17
CF3	21	P20
MT3	24	P21
DL3	25	P22
DS3	26	P23
SH3	27	P24
BR3	28	P25
DIG3	29	P26
BELL3	30	P27
CF4	36	P30
MT4	37	P31
DL4	38	P32
DS4	39	P33
SH4	40	P34
BR4	41	P35
DIG4	44	P36
BELL4	45	P37
CPC01	46	P40
CPC02	47	P41
CPC03	48	P42
CPC04	49	P43





A

B

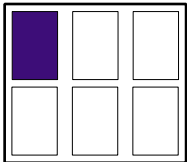
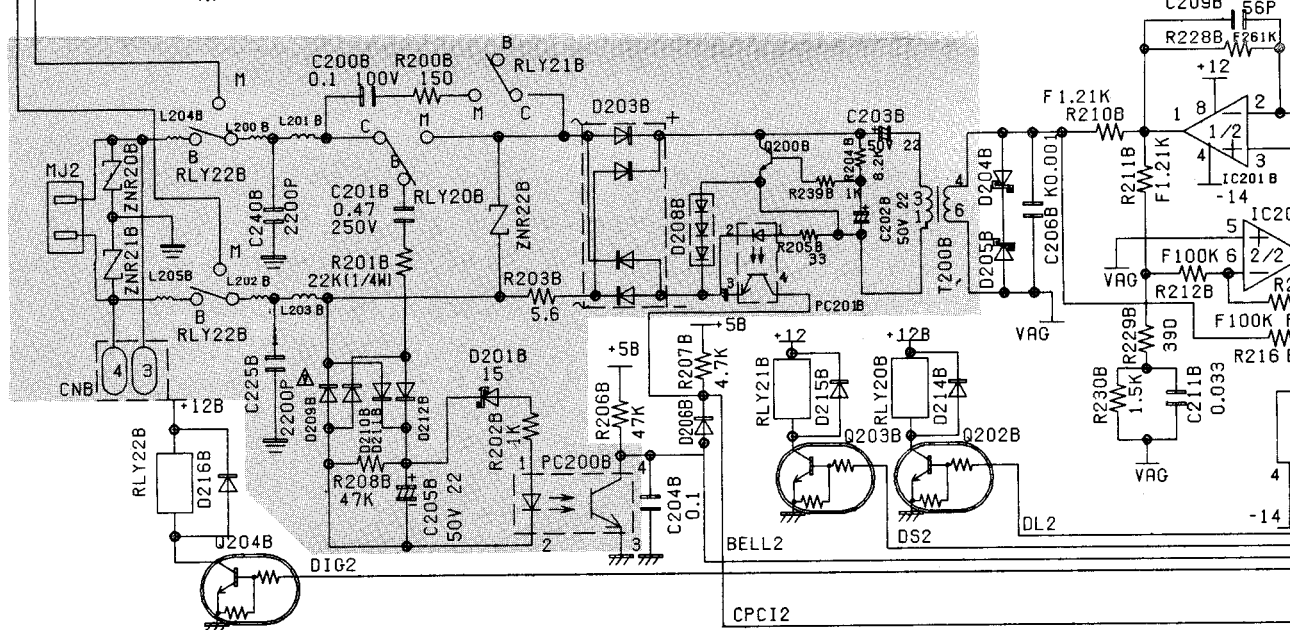
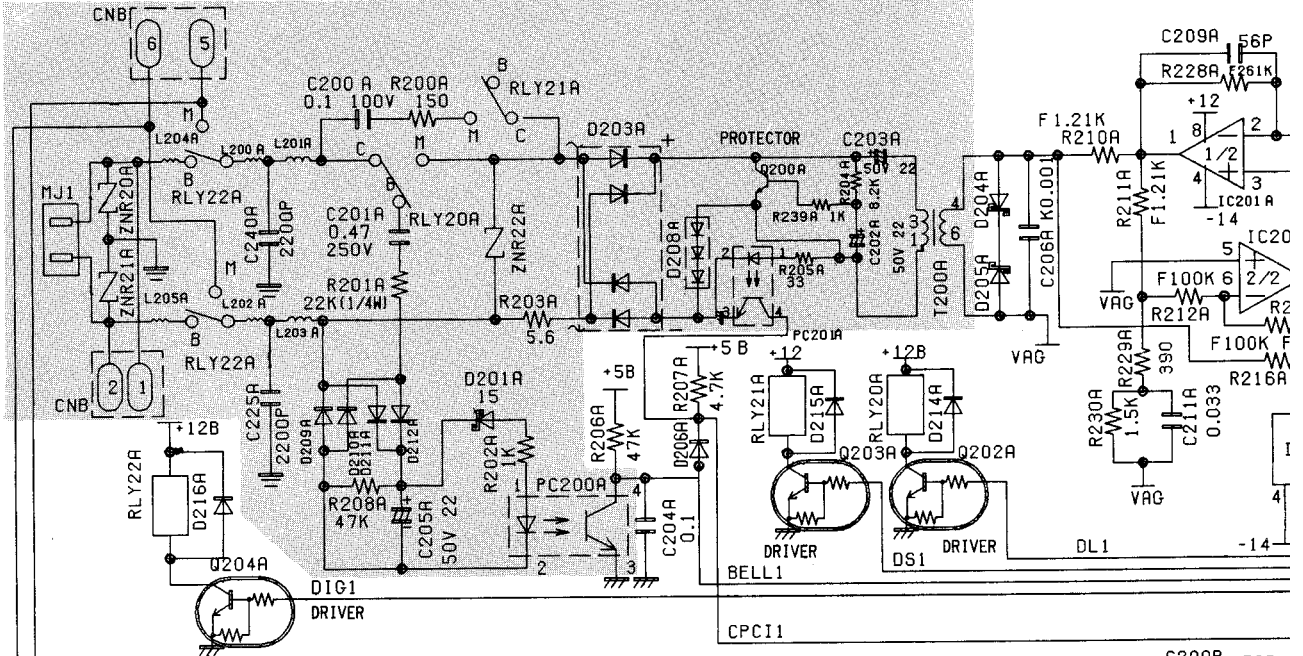
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SCHEMATIC DIAGRAM (CO-2)

7

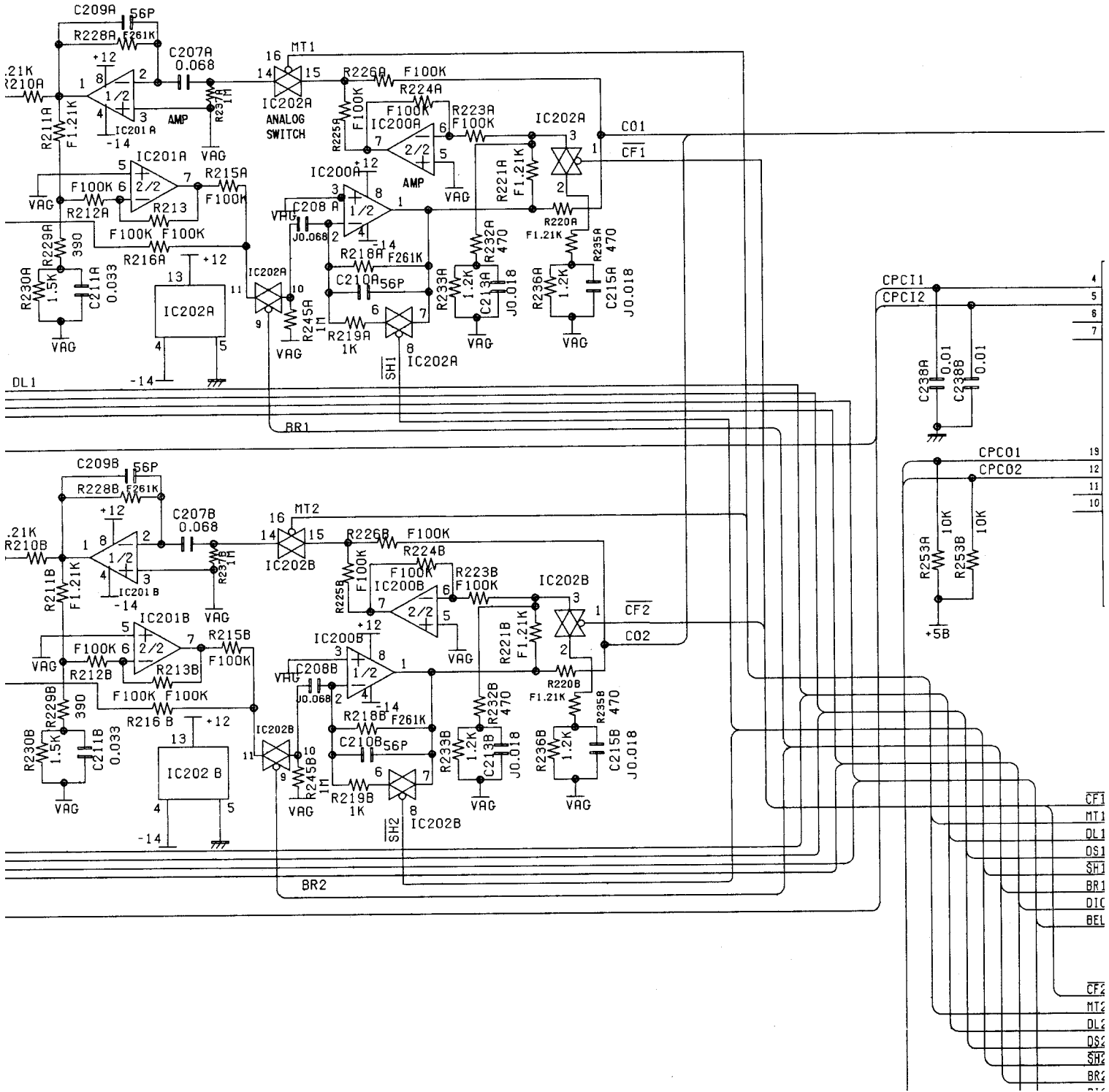
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- 6
- 7
- 19
- 12
- 11
- 10
- CF1
- MT1
- DL1
- DS1
- SH1
- BR1
- DIC
- BEL
- CF2
- MT2
- DL2
- DS2
- SH2
- BR2

