

Blockdiagram for diagram 3 look page 7-13, 7-14

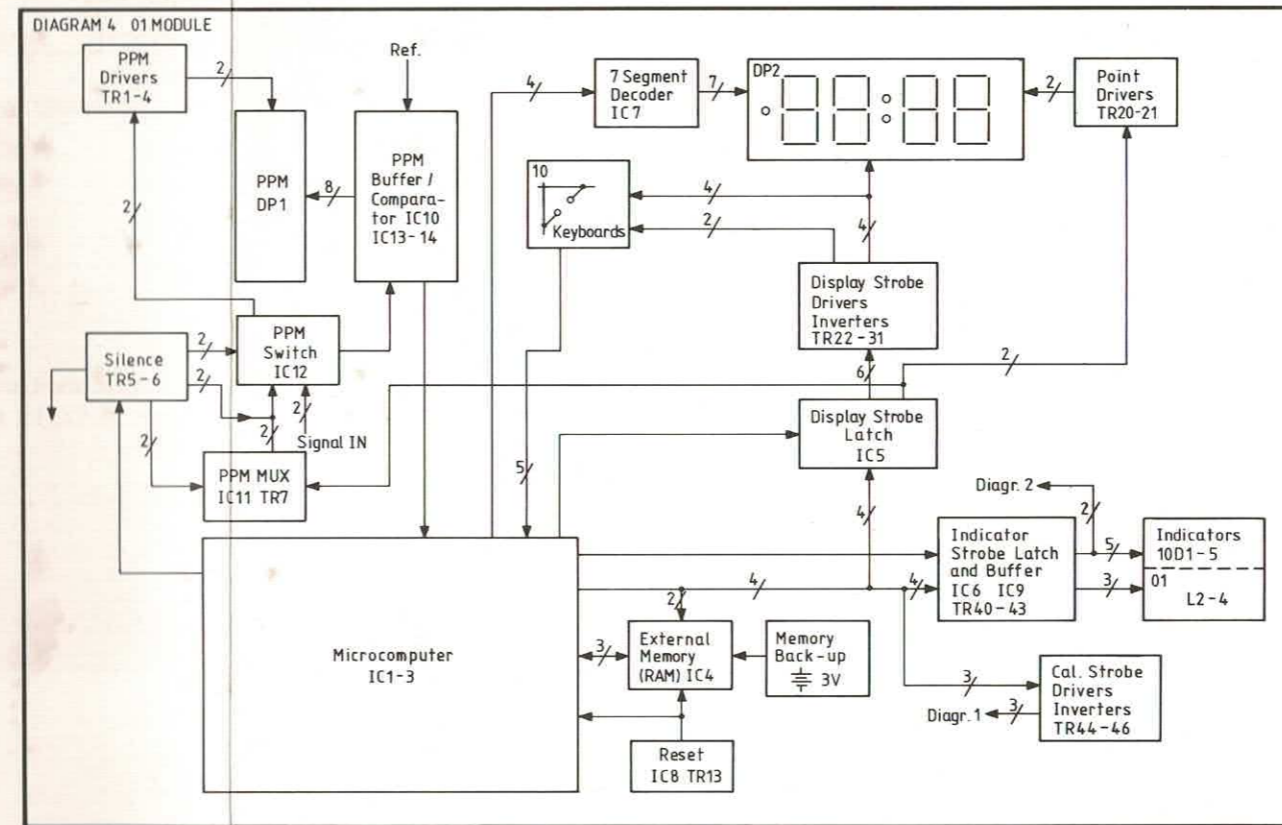


DIAGRAM 1
11Module
 Digital/Analog Converters
13Module
 Calibration Oscillators
 Calibration Detector

DIAGRAM 2
03Module
 Record Ampl.
 PPM Rectifier
 Tape Type Switch
 Line Ampl.
 Play Back Ampl.
04Module
 Input Ampl.
 HX Professional
 Bias Osc.
08Module
 Mic. Ampl.

DIAGRAM 3
02Module
 Dolby NR
 Headphone Ampl.

DIAGRAM 4
01Module
 Microcomputer
 Memory Back-up
 Reset
 PPM
 Display
 Indicators
07Module
 Primary Keyboard
10Module
 Secondary Keyboard

DIAGRAM 5
04Module
 Power Supplies
 Solenoid
05Module
 Power Unit
06Module
 Rectifier
12Module
 Tape Deck

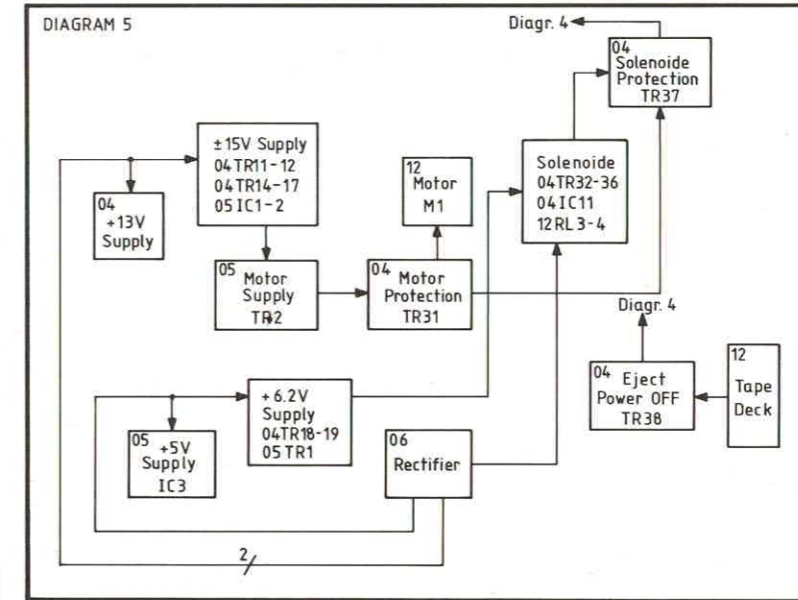
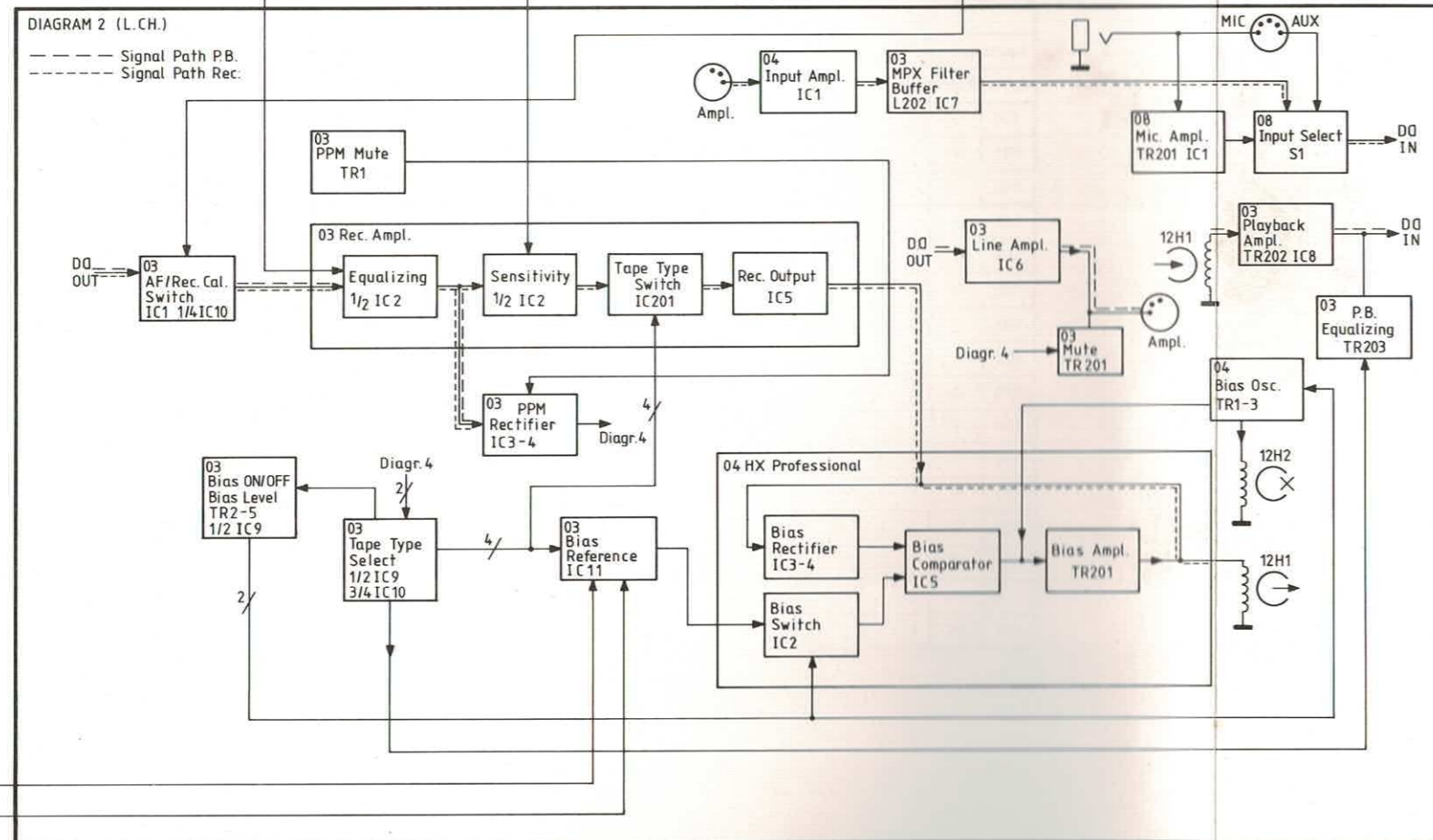
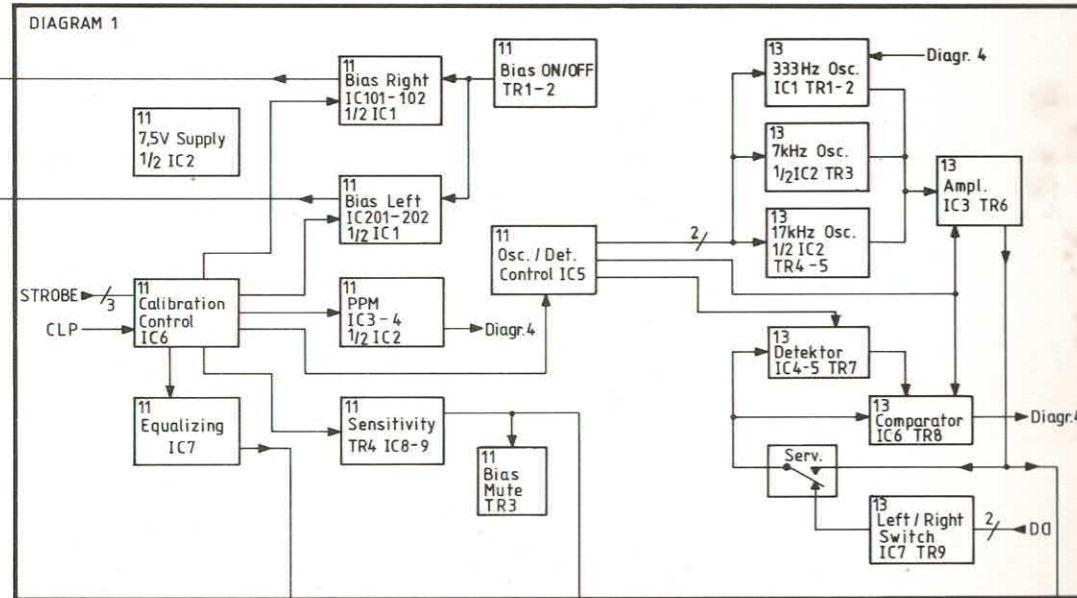
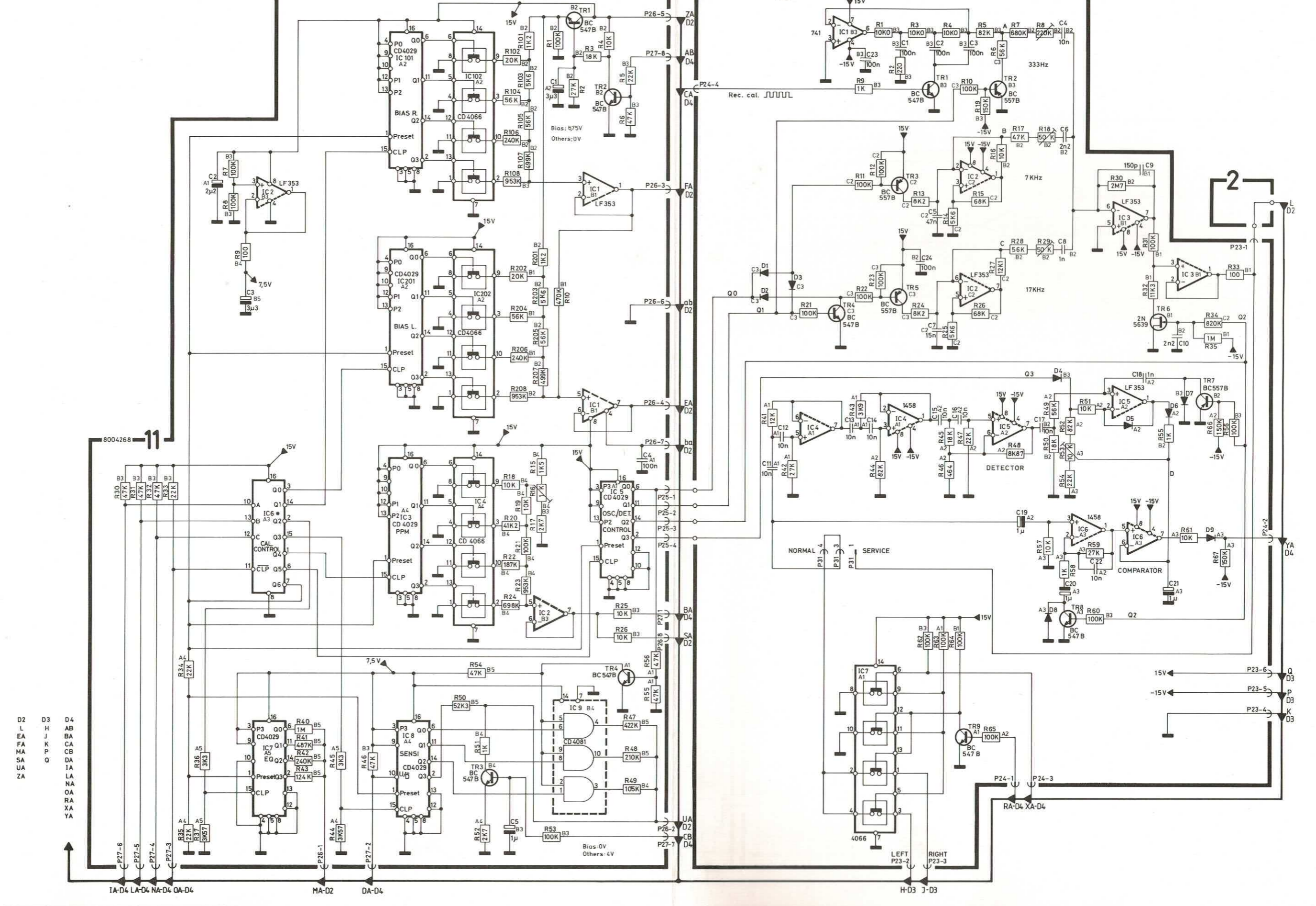


DIAGRAM 1



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Detector
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Ampl.
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Keyboard
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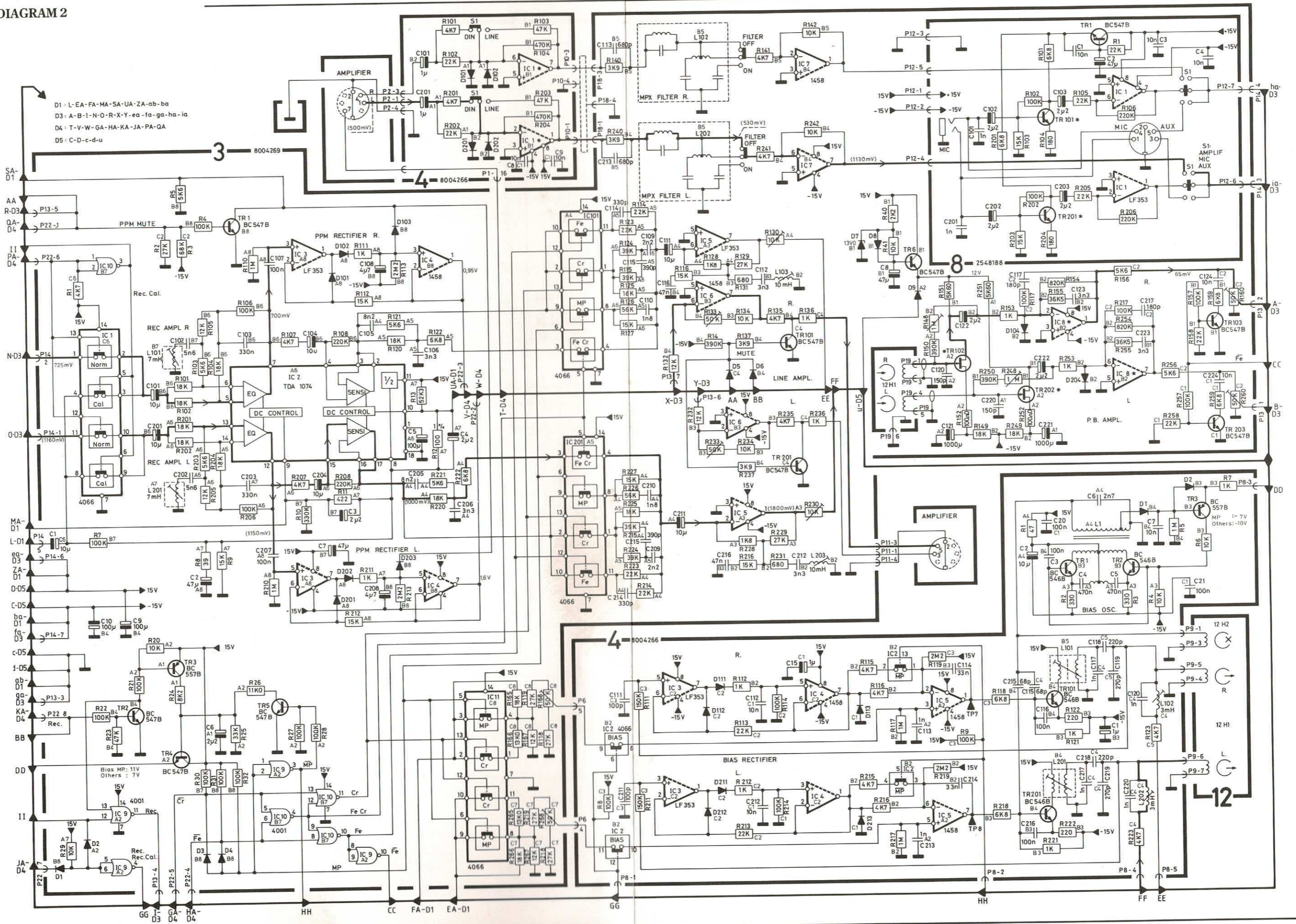
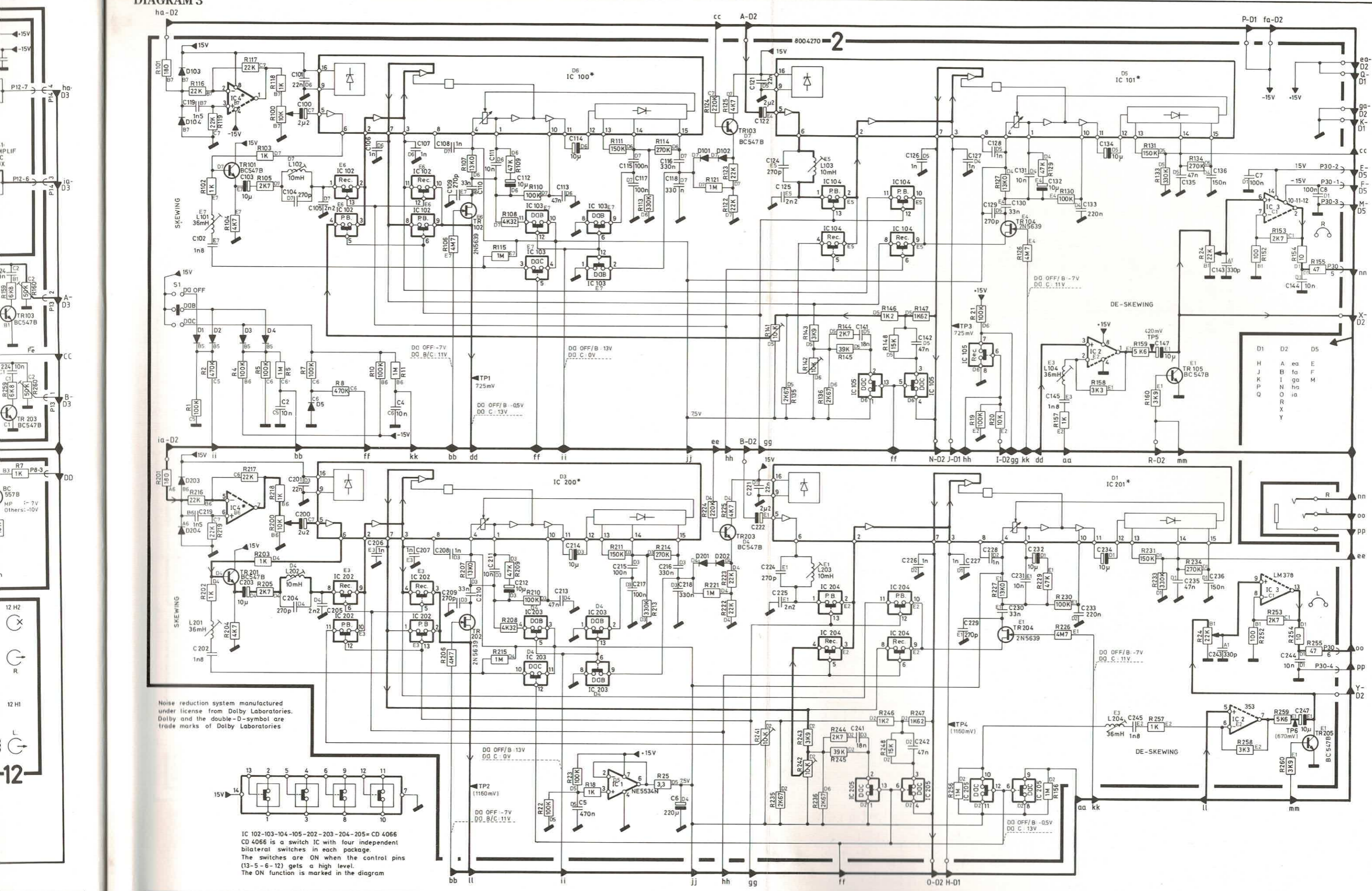
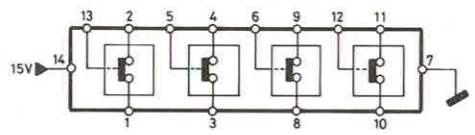


DIAGRAM 3



Noise reduction system manufactured under license from Dolby Laboratories. Dolby and the double-D-symbol are trademarks of Dolby Laboratories.



IC 102-103-104-105-202-203-204-205- CD 4066
 CD 4066 is a switch IC with four independent bilateral switches in each package.
 The switches are ON when the control pins (13-5-6-12) gets a high level.
 The ON function is marked in the diagram

D1	D2	D5
H	A	ea
J	B	fa
K	I	ga
P	O	ha
Q	N	ia
	R	ja
	X	ka
	Y	la

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DIAGRAM 4

8004267 - 1

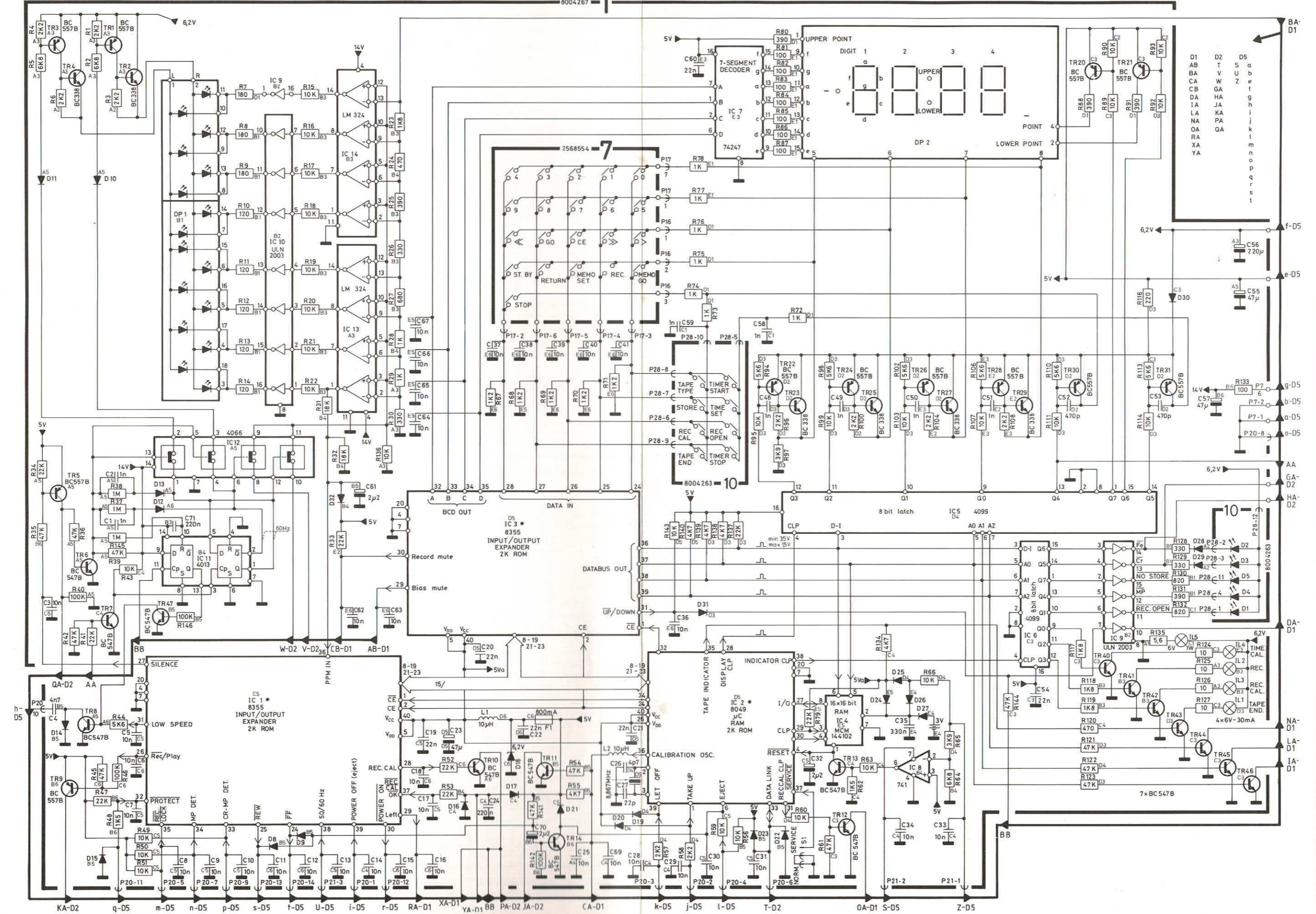
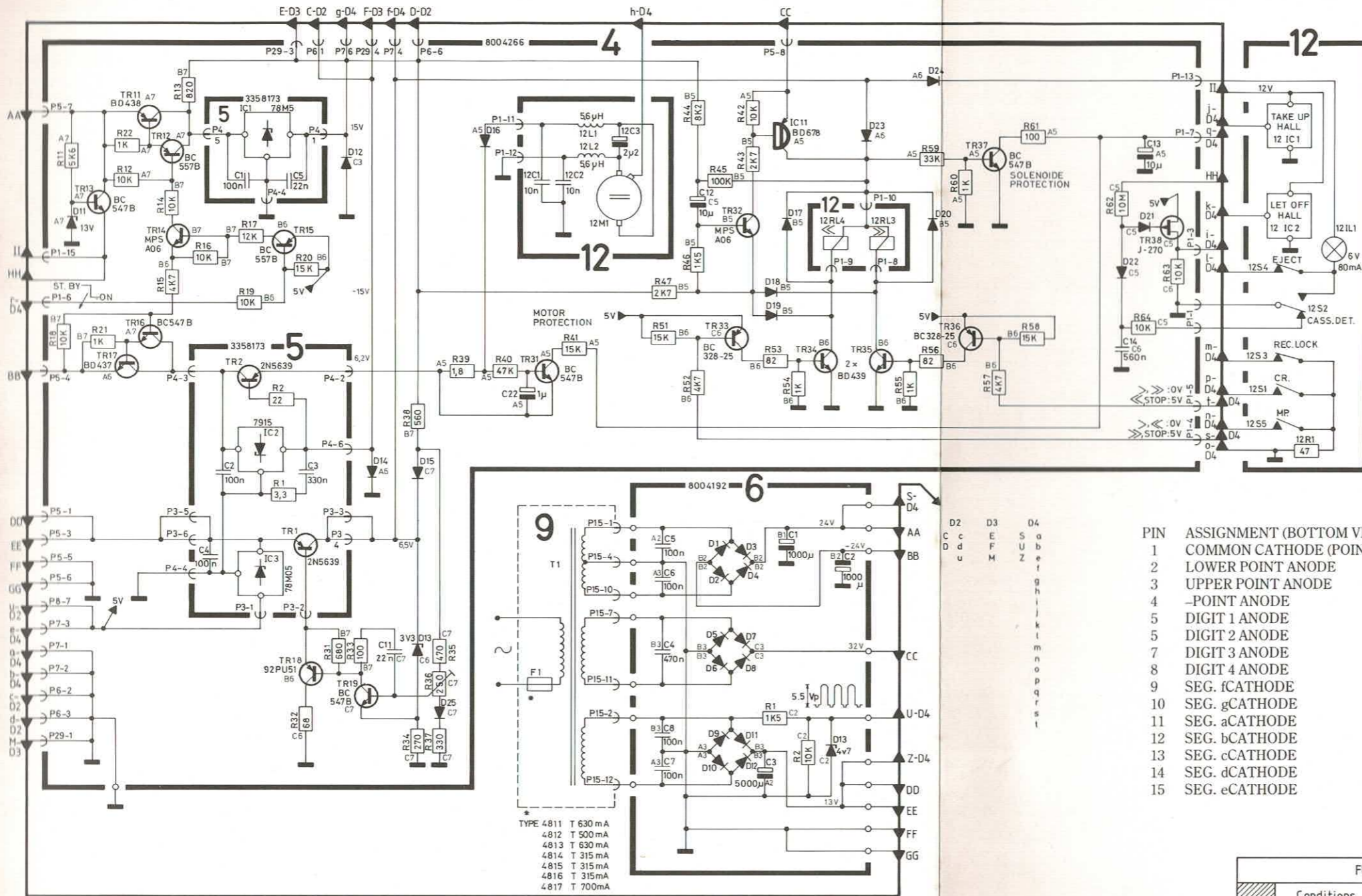


DIAGRAM 5



Switches:
 12 S1 Fe₂O₃ ON, CrO₂ OFF
 12 S2 With cass. ON, without OFF
 12 S3 Rec. ON, Rec. lock OFF
 12 S4 Play ON, Press eject OFF
 12 S5 MP OFF (with detector hole in cassette).

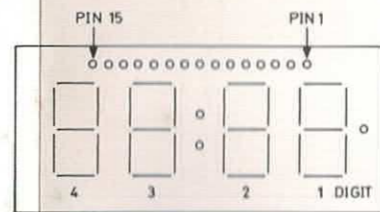
PIN ASSIGNMENT (BOTTOM VIEW)
 1 COMMON CATHODE (POINTS)
 2 LOWER POINT ANODE
 3 UPPER POINT ANODE
 4 -POINT ANODE
 5 DIGIT 1 ANODE
 5 DIGIT 2 ANODE
 7 DIGIT 3 ANODE
 8 DIGIT 4 ANODE
 9 SEG. fCATHODE
 10 SEG. gCATHODE
 11 SEG. aCATHODE
 12 SEG. bCATHODE
 13 SEG. cCATHODE
 14 SEG. dCATHODE
 15 SEG. eCATHODE

FUNCTION TABLE 11IC 7 SN74247

DECIMAL ON DISPLAY	INPUTS				OUTPUTS						
	D	C	B	A	a	b	c	d	e	f	g
0	0	0	0	0	0	0	0	0	0	0	1
1	0	0	0	1	1	0	0	1	1	1	1
2	0	0	1	0	0	0	1	0	0	1	0
3	0	0	1	1	0	0	0	0	1	1	0
4	0	1	0	0	1	0	0	1	1	0	0
5	0	1	0	1	0	1	0	0	1	0	0
6	0	1	1	0	0	1	0	0	0	0	0
7	0	1	1	1	0	0	0	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0
9	1	0	0	1	0	0	0	0	1	0	0
J	1	0	1	1	1	1	0	0	1	1	0
C	1	0	1	0	1	1	1	0	0	1	0
U	1	1	0	0	1	0	1	1	1	0	0
E	1	1	0	1	0	1	1	0	1	0	0
	1	1	1	1	1	1	1	1	1	1	1

Type 4812
 Explanation of the fuse symbols used in the set:
 Explanation of symboles du fusible utilisés dans l'appareil:

- Replace with same type 0.5 ampere 250volts slow acting fuse.
Remplacer par un fusible de meme type retarde' et de 0.5 ampere 250 volts.
- Replace with same type 250 milliamperes 250volts slow acting fuse.
Remplacer par un fusible de meme type retarde' et de 250 milliamperes 250 volts.
- Replace with same type 800milliamperes 250volts quick acting fuse.
Remplacer par un fusible de meme type rapide et de 800 milliamperes 250 volts.

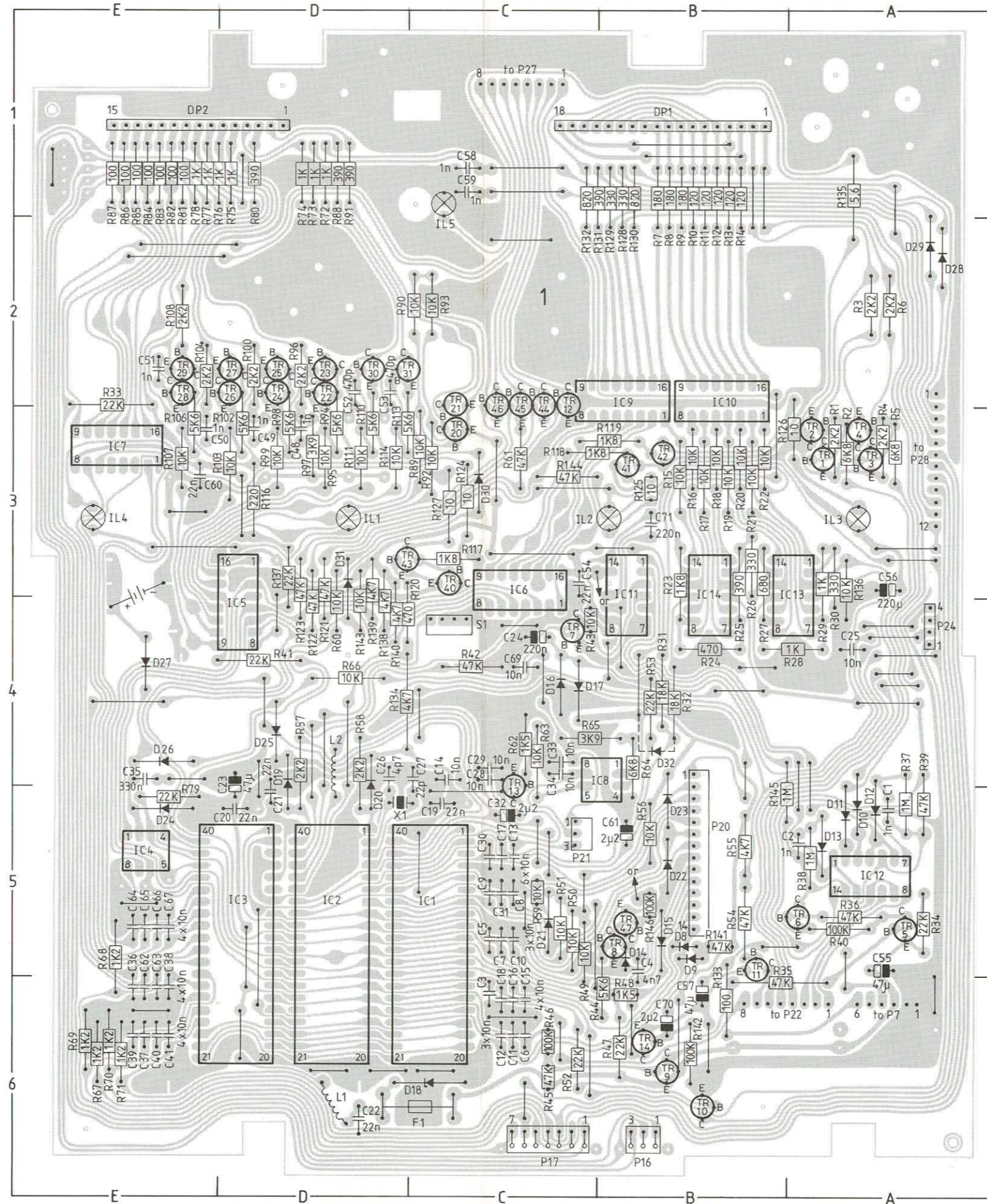


FUNCTION TABLE FOR MICROCOMPUTER 11C1- 11C2 - 11C3

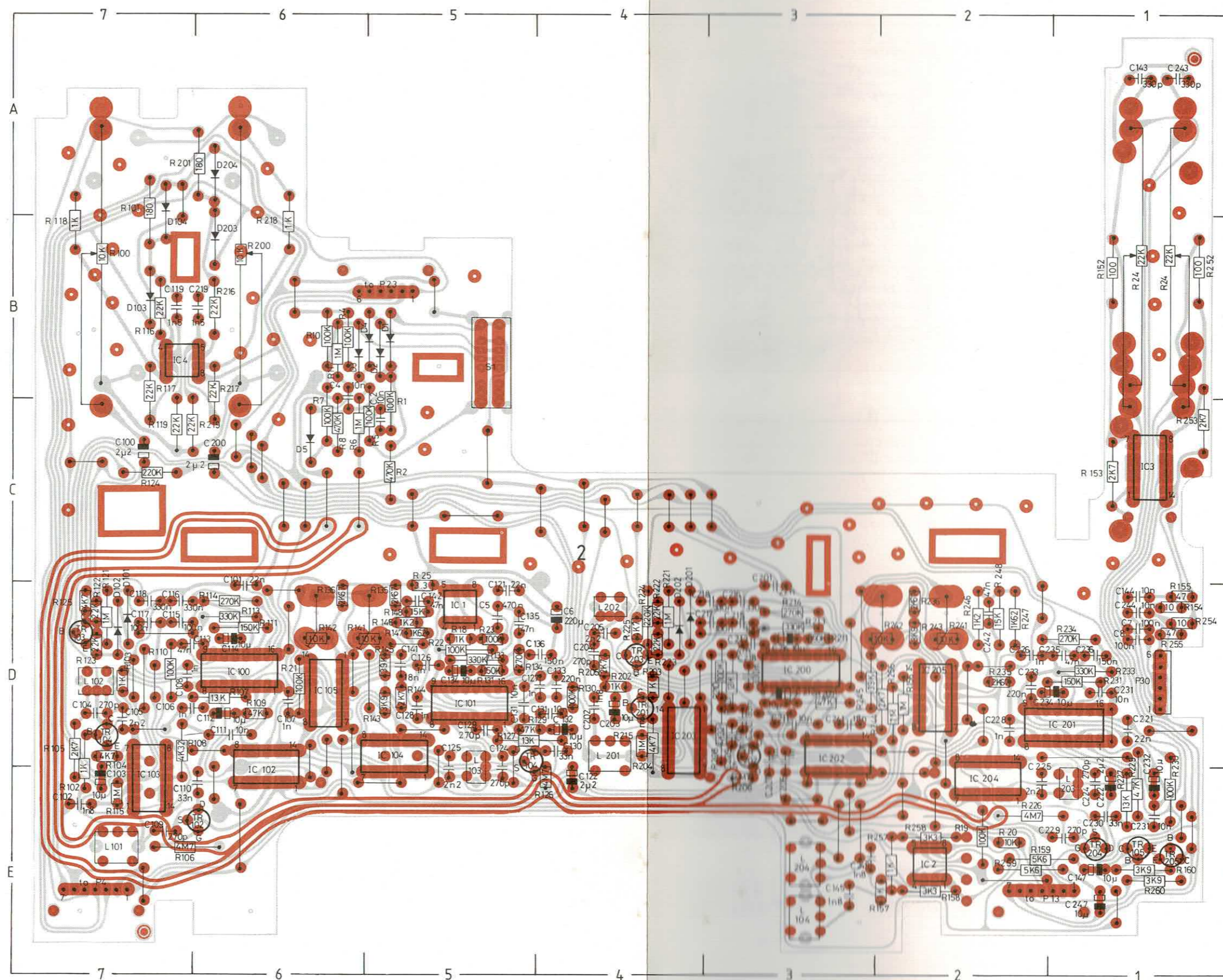
Pins	Conditions		Function	Results															
	11C1	11C2		11C1			11C2	11C3											
	35	32	6	4	24	25	26	27	28	29	30	31	36	37	36	29	30		
					STAND BY	1	1	1	0	0	1	1	0	0	0	0	1	1	
	1			1	STOP	1	1	1	0	0	1	0	0	0	0	0	1	1	
	1	0		1	> (Pegel Tape)	0	0	1	1	0	1	0	0	1	0	0	1	1	
	1	0		1	>> (Normal Speed)	0	1	1	0	0	1	0	0	0	0	0	1	1	
	1	0		1	<< (Normal Speed)	1	0	1	0	0	1	0	0	0	0	0	1	1	
	1	0		1	>> (Low Speed)	0	1	1	0	0	1	0	1	0	0	0	1	1	
	1	0		1	<< (Low Speed)	1	0	1	0	0	1	0	1	0	0	0	1	1	
	1	1		0	1	REC OPEN	1	1	1	0	0	1	0	0	0	0	0	1	1
	1	1		0	1	REC PAUSE (With Signal)	1	1	0	1	0	1	0	0	1	0	0	1	1
	1	1		0	1	REC (With Signal)	0	0	0	1	0	1	0	0	1	0	0	0	0
	1	1		0	1	REC CAL	0	0	0	0	1	0	0	0	1	0	0	0	0

*1 = 1.2V

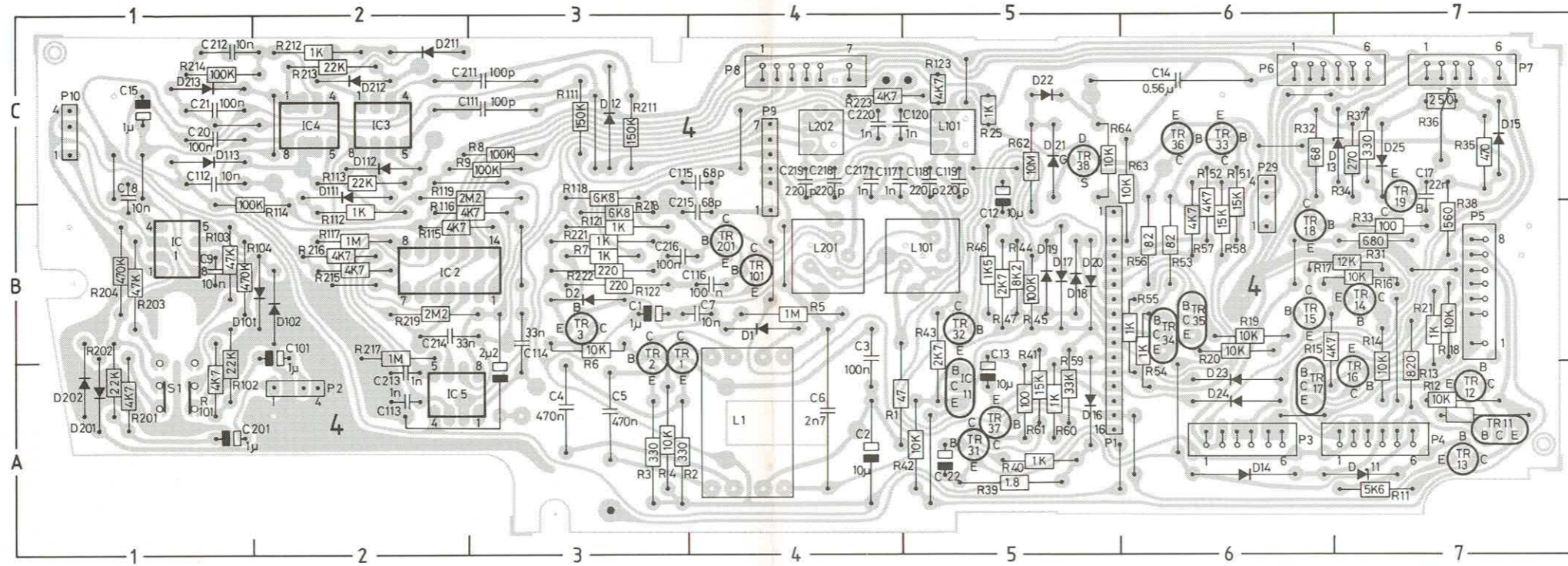
PC drawings are seen from copperfoil side



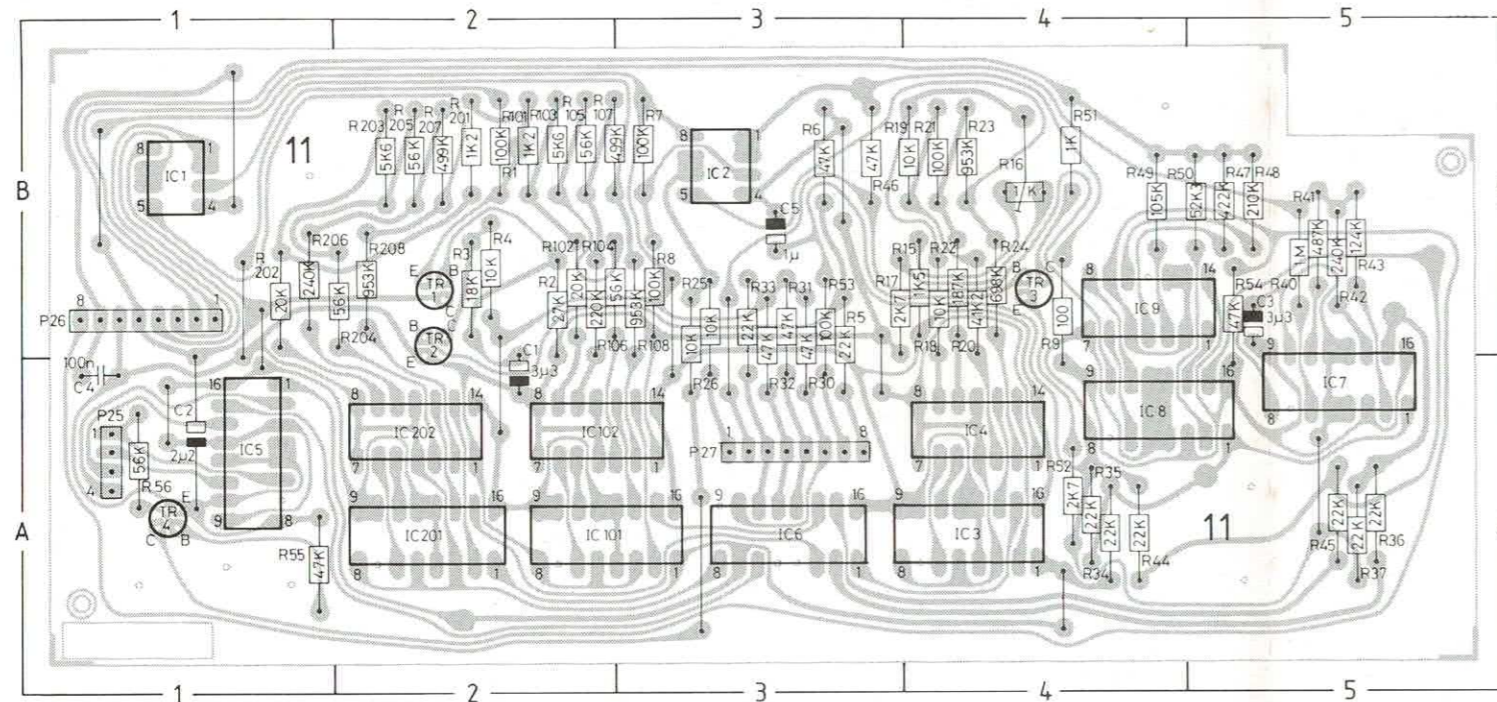
Dolby NR, 8004270, PC2



Power Supply, 8004266, PC4



Digital/Analog Converter, 8004268, PC11



Osc. Detector, 8004271, PC13

