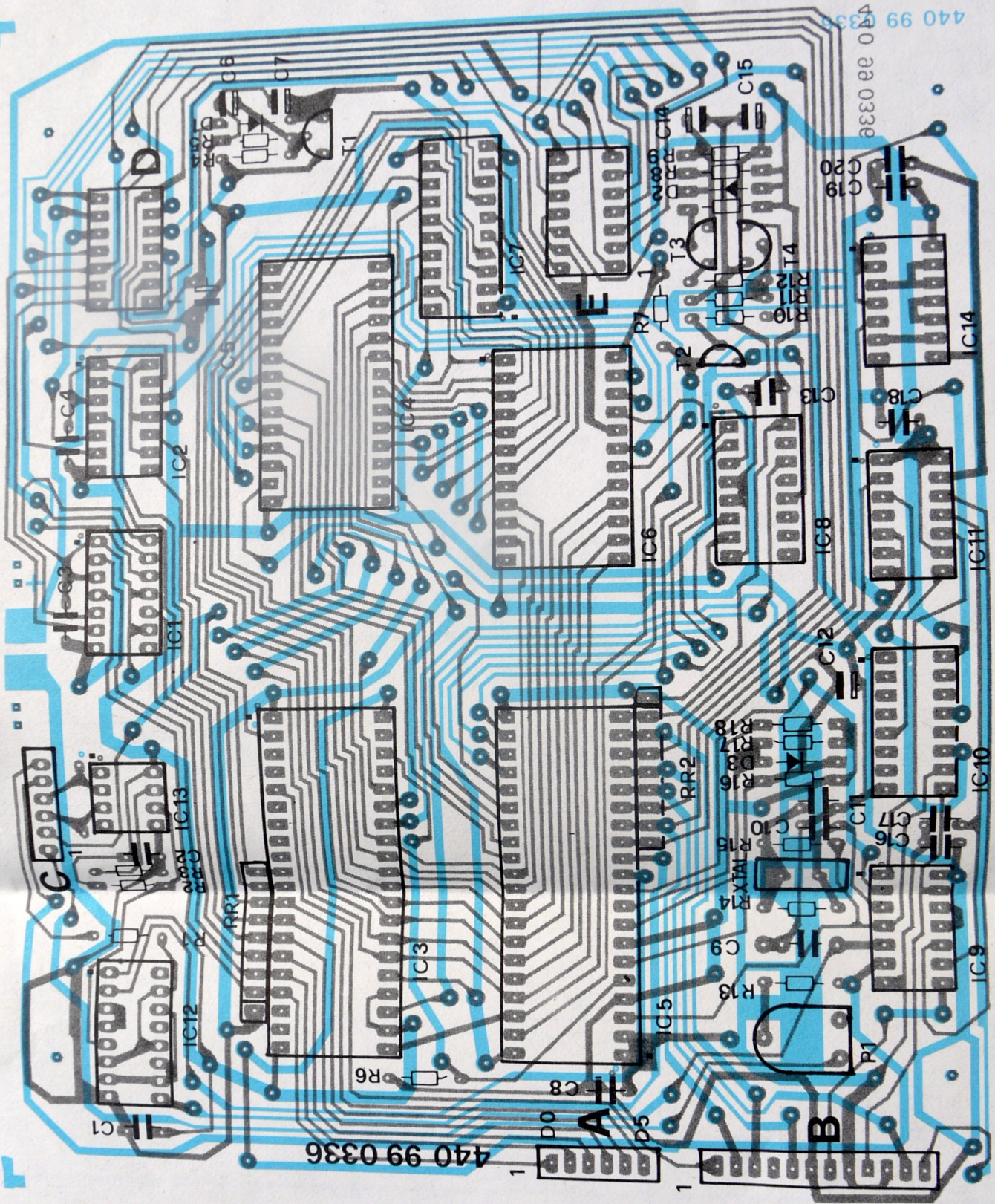


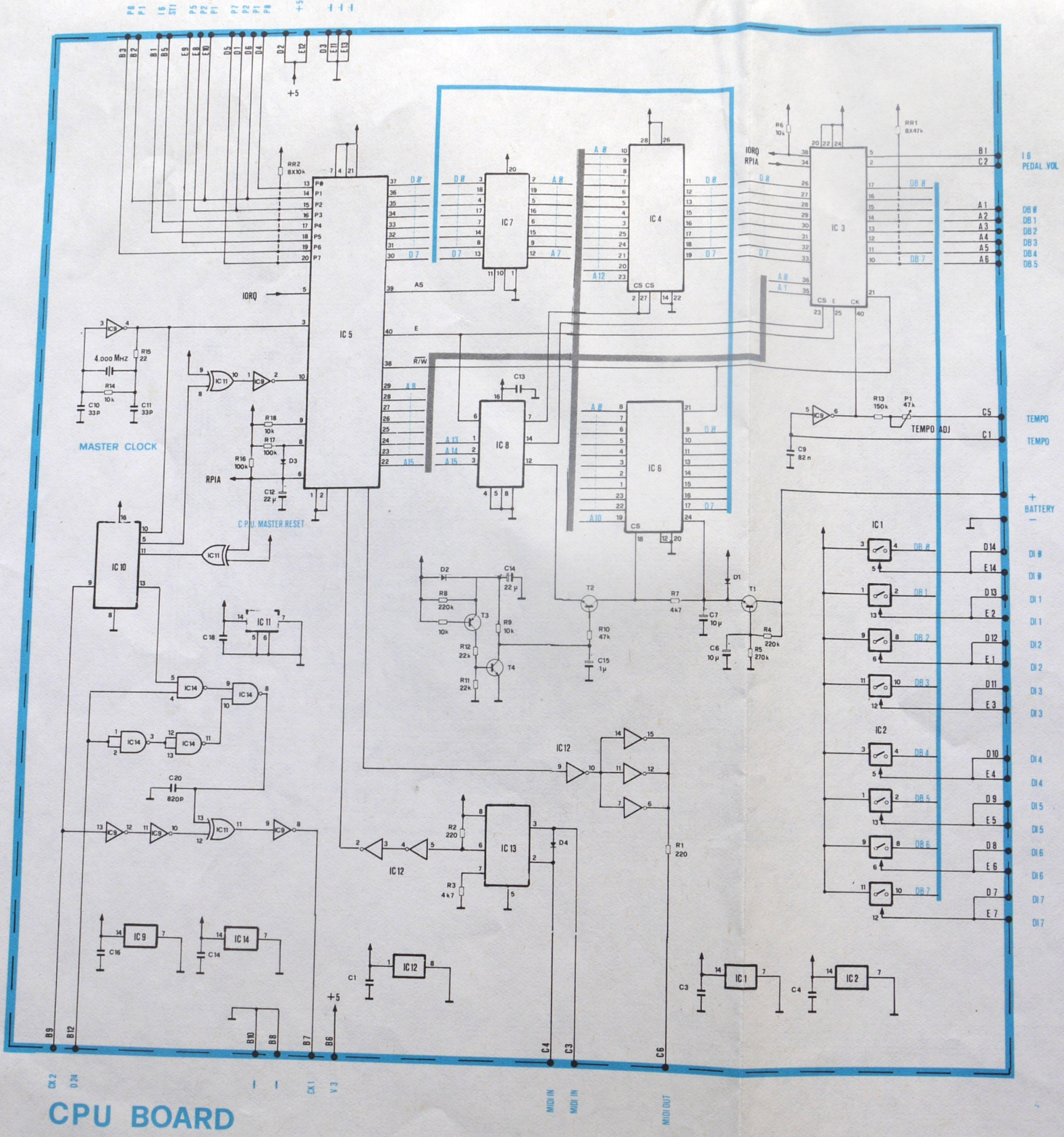
**MK 900**  
**STEREO AMPLIFIED**  
**MIDI ELECTRONIC KEYBOARD**

SCHEMATIC  
DIAGRAM



# CPU BOARD





# CPU BOARD

CX 2

D 24

CX 1

V 3

MIDI IN

MIDI IN

MIDI OUT

B 1  
C 2

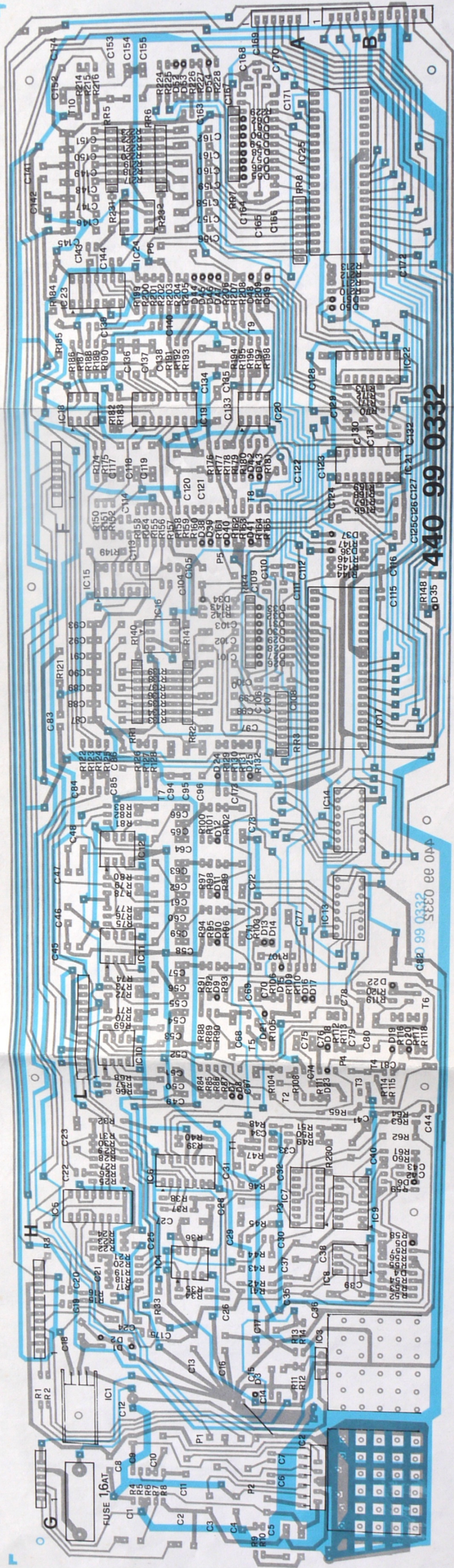
A 1  
A 2  
A 3  
A 4  
A 5  
A 6

TEMPO  
TEMPO

BATTERY

D 14  
D 13  
D 12  
D 11  
D 10  
D 9  
D 8  
D 7  
D 6  
D 5  
D 4  
D 3  
D 2  
D 1  
D 0

GENERATION BOARD



440 99 0332

440 99 0332

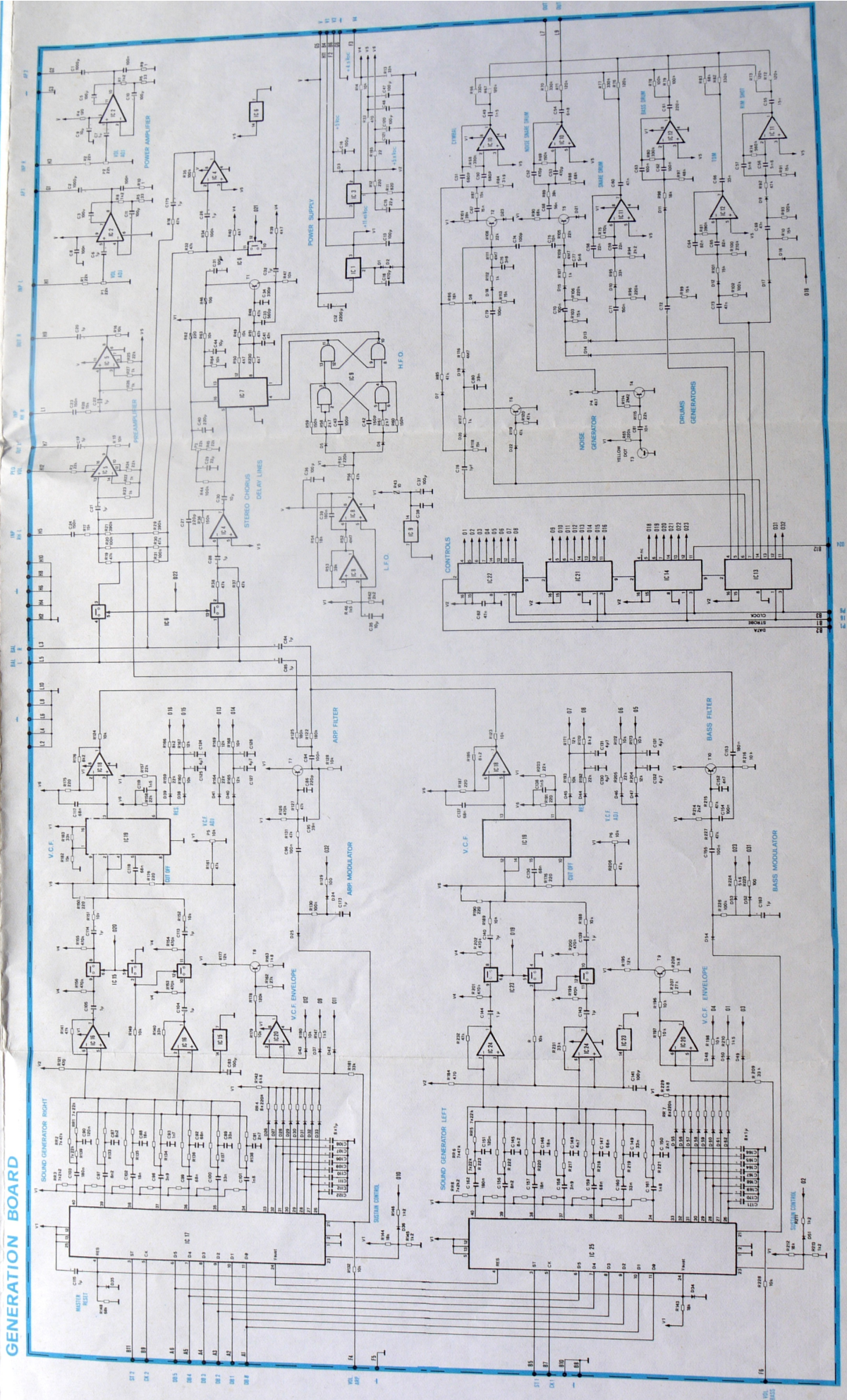
440 99 0332

440 99 0332

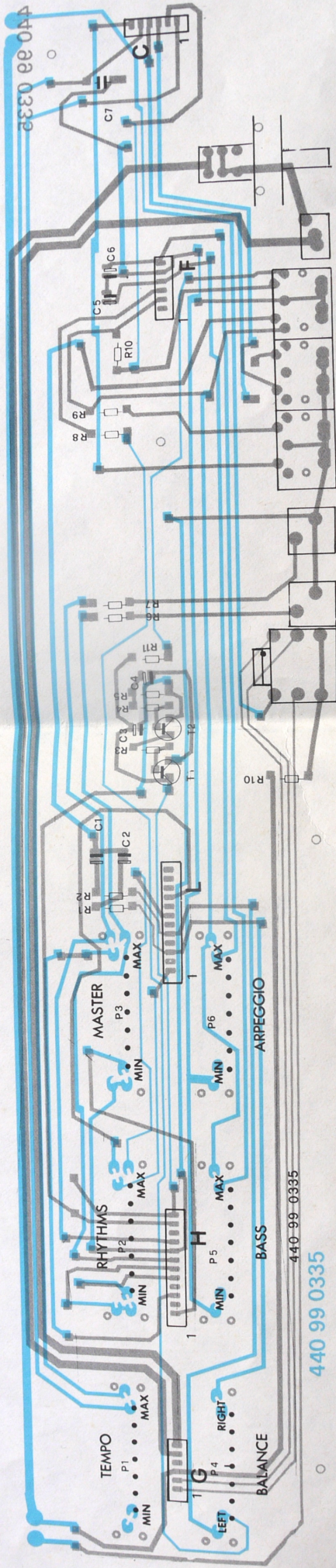
440 99 0332

440 99 0332

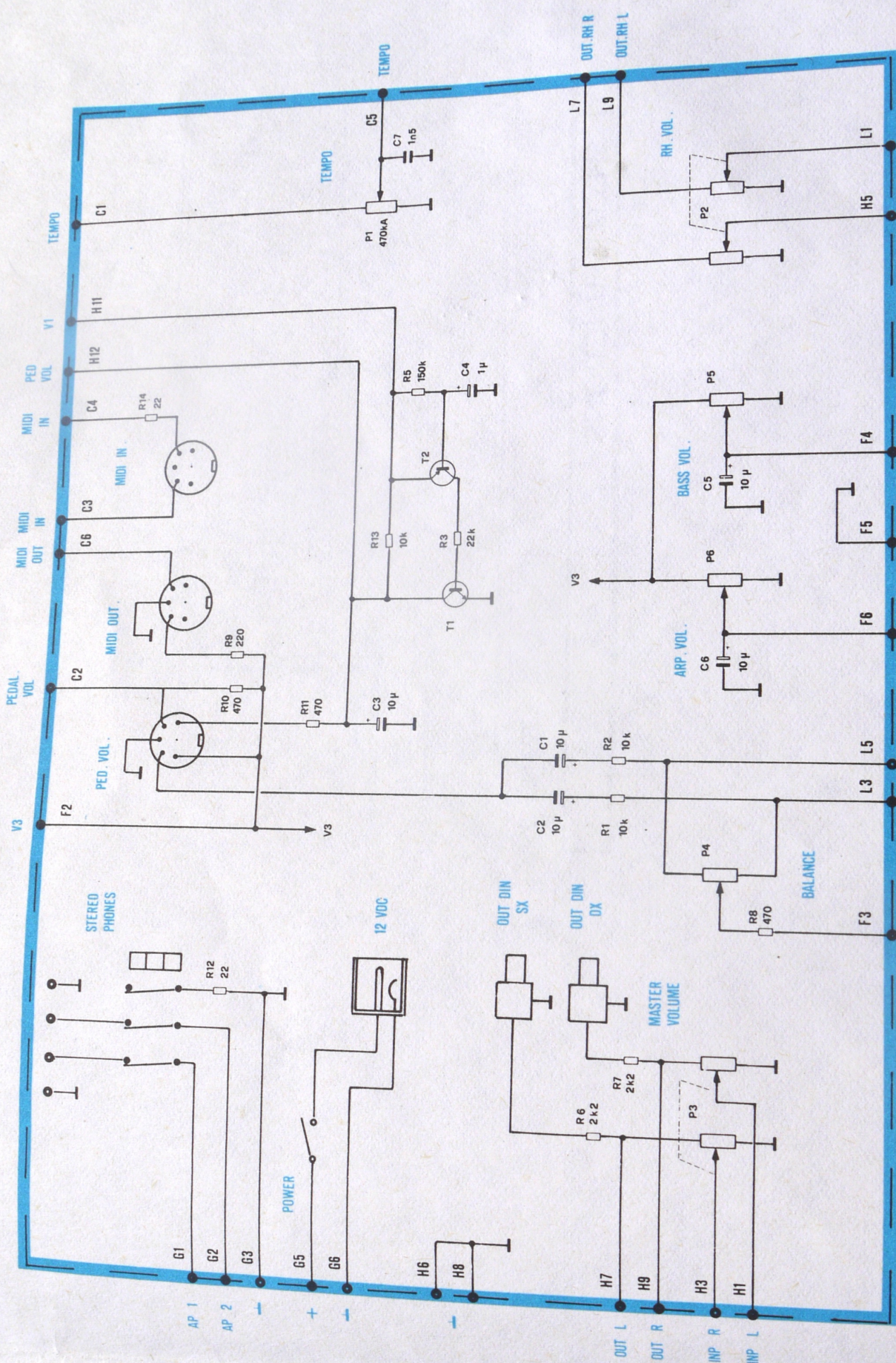
# GENERATION BOARD



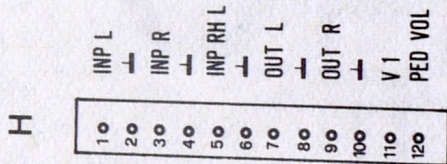
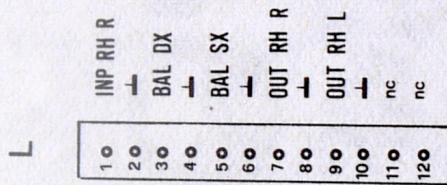
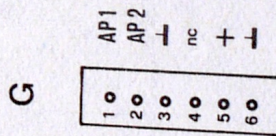
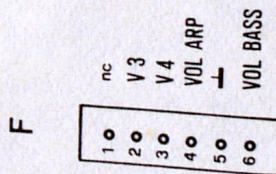
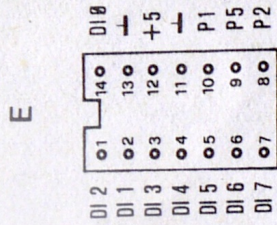
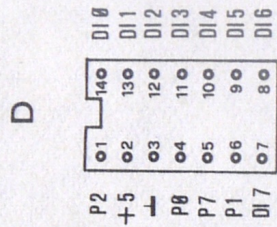
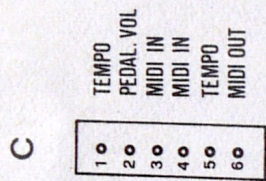
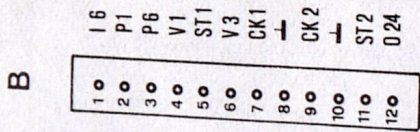
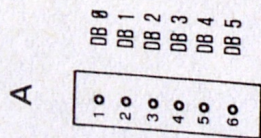
# CONTROLS BOARD



AP 1 AP 2



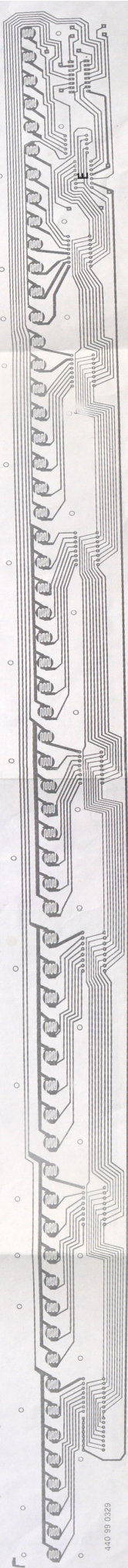
# CONTROLS BOARD



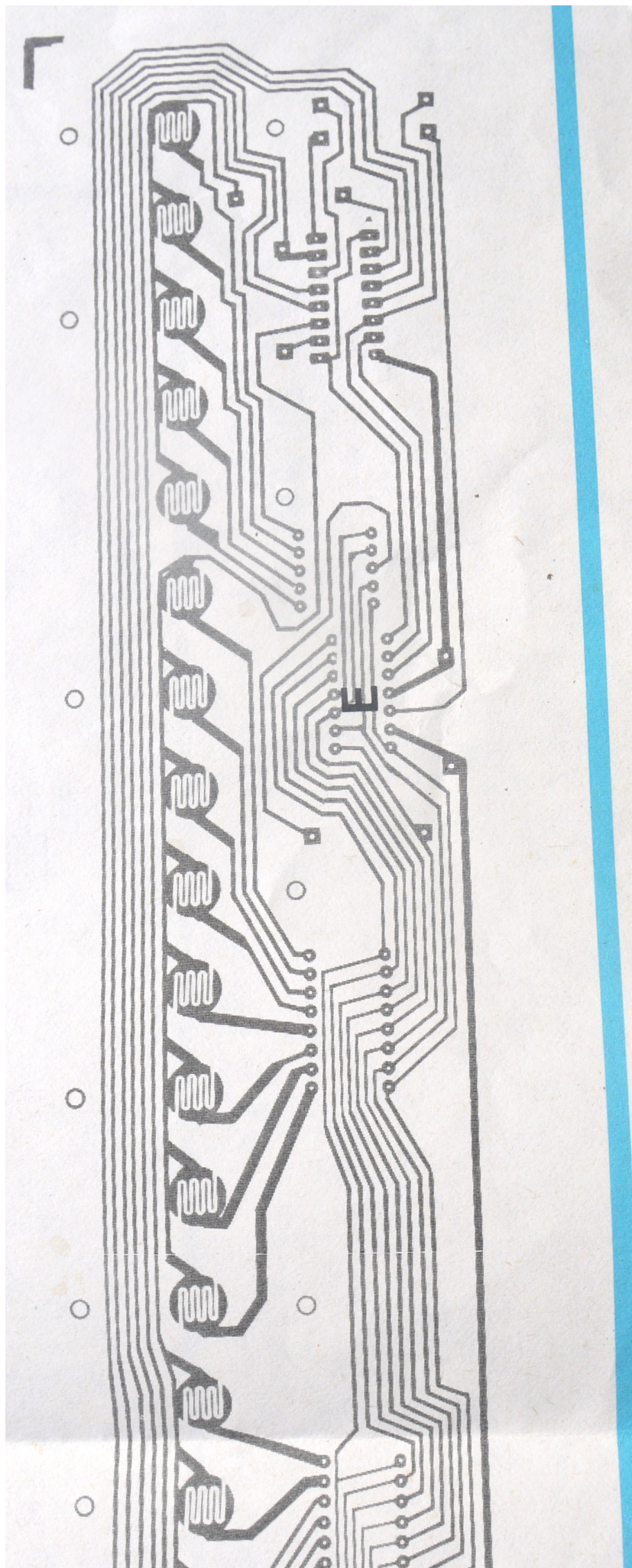
**CONNECTION**



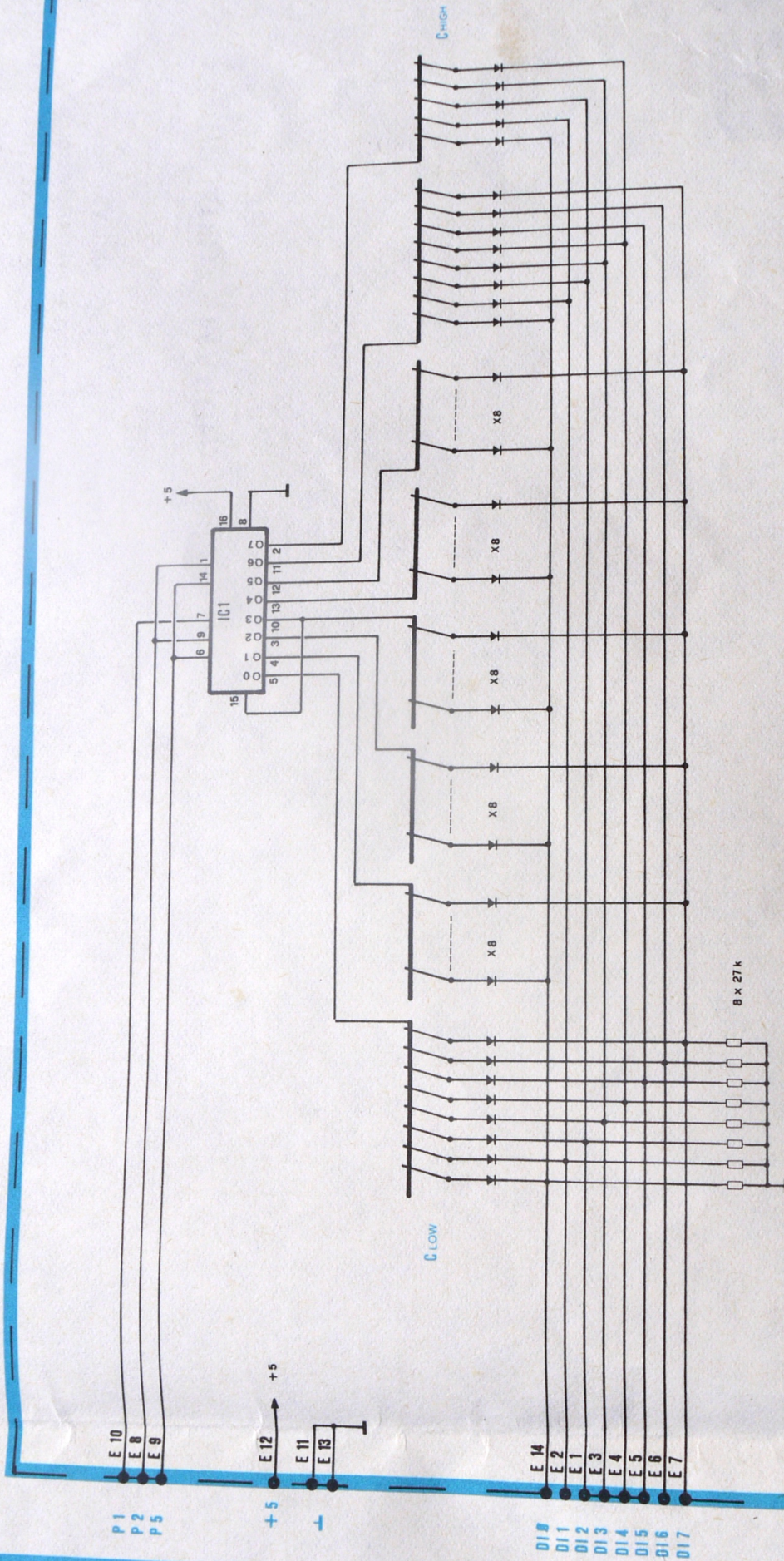
KEYBOARD



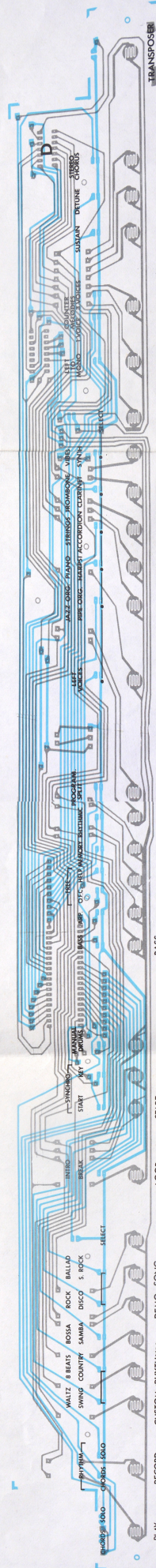
440 89 0329



# KEYBOARD



# SWITCHES BOARD



PLAY  RECORD  CUSTOM  RHYTHM  DEMO  SONG

SEQUENCER

RHYTHMIS

LOOP  START

ACCOMPANIMENT

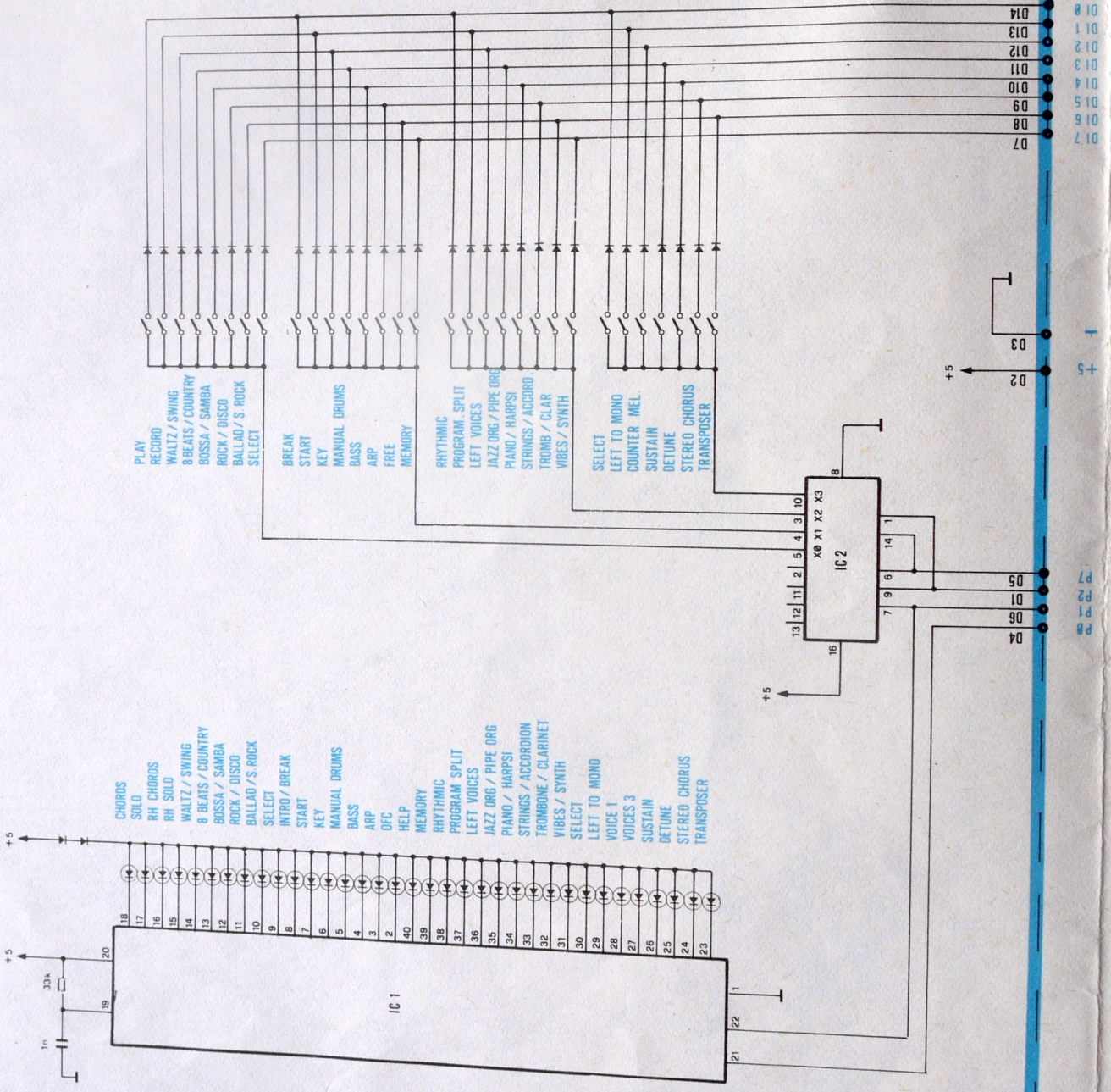
BASS

PRESETS

SPECIAL FUNCTIONS

TRANSPOSE

# SWITCHES BOARD





F.C. 440.99.0332  
GENERATION BOARD

I.C.1 - L 4810  
I.C.2 - TDA 2004  
I.C.3 - LM 317 T  
I.C.4 - 1458  
I.C.5 - LM 13700  
I.C.6 - 4016  
I.C.7 - TDA 1022  
I.C.8 - 1458  
I.C.9 - 4011  
I.C.10- 1458  
I.C.11- 1458  
I.C.12- 1458  
I.C.13- 4094  
I.C.14- 4094  
I.C.15- 4016  
I.C.16- 1458  
I.C.17- M 112 R1  
I.C.18- 1458  
I.C.19- CEN 3350  
I.C.20- LM 358  
I.C.21- 4094  
I.C.22- 4094  
I.C.23- 4016  
I.C.24- 1458  
I.C.25- M 112 R1

F.C. 440.99.0336  
CPU BOARD

I.C.1 - 4016  
I.C.2 - 4016  
I.C.3 - 6821  
I.C.4 - TMS 2564  
I.C.5 - MC 6803 P +  
I.C.6 - 6116  
I.C.7 - 74HC373  
I.C.8 - 74HC138  
I.C.9 - 74HC14  
I.C.10- 74HC40  
I.C.11- 4070  
I.C.12- 4049  
I.C.13- 6N 138  
I.C.14- 74HC00

F.C. 440.99.0331  
SWITCHES BOARD

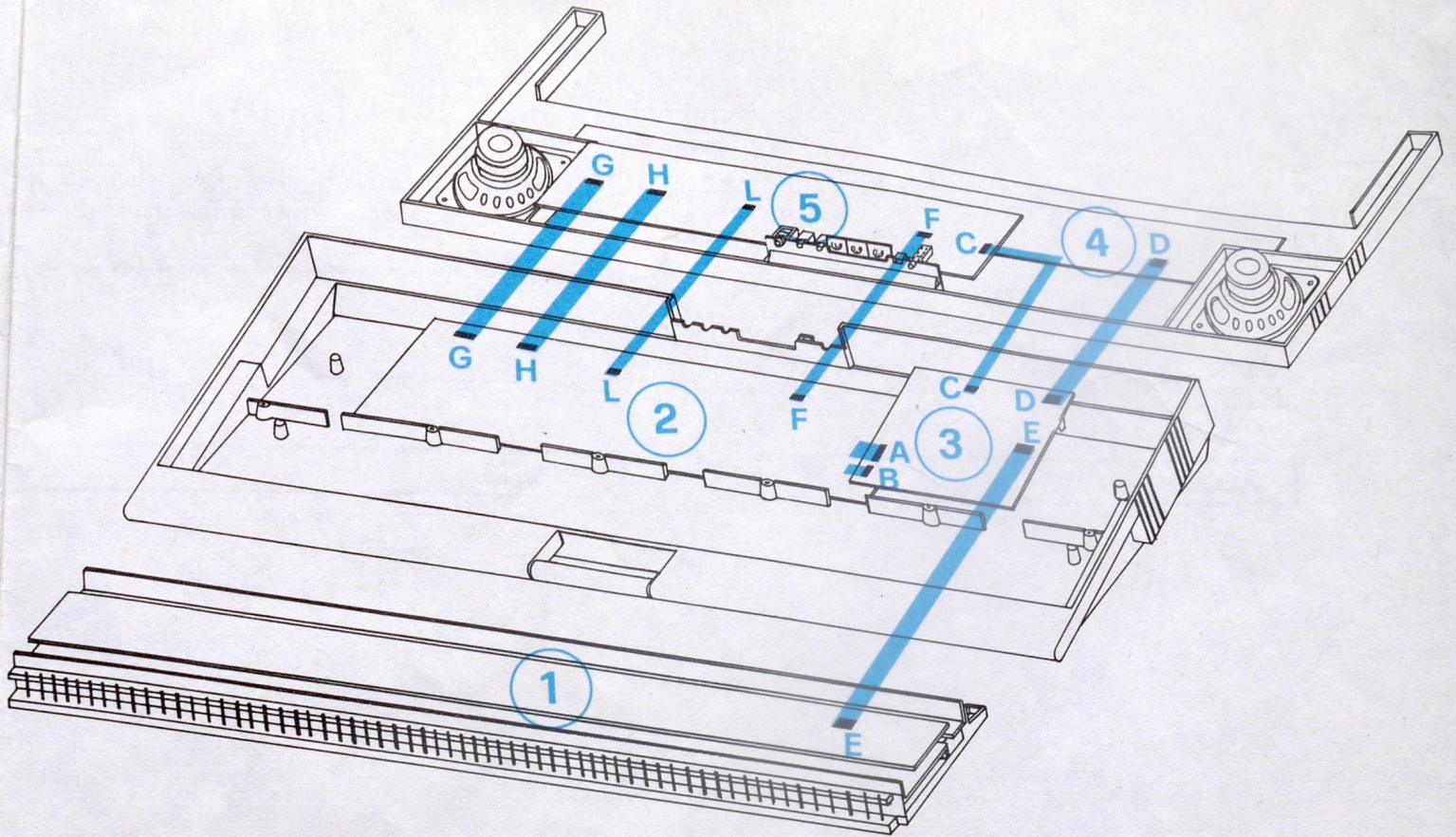
I.C.1 - M 5451  
I.C.2 - 4015

F.C. 440.99.0329  
KEYBOARD

I.C.1 - 4015

NOTES:

- All condensers without value specification are 47 n ceramic condensers.
  - All resistors are 1/4 W.
  - All PNP transistors are BC 416
  - All NPN transistors are BC 239
  - All electrolytic capacitors are 16 VDC
  - All diodes are 1N 4148
  - All resistors whose symbol is marked by an oblique stroke are uninflamable resistor
- UNLESS OTHERWISE INDICATED



**1. KEYBOARD**

440 99 0329

**2. GENERATION BOARD**

440 99 0332

**3. CPU BOARD**

440 99 0336

**4. SWITCHES BOARD**

440 99 0331

**5. CONTROLS BOARD**

440 99 0335

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THE FEATURES OF THE INSTRUMENT

**UPDATED: MARCH 1985**

**SIEL**<sup>®</sup>

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