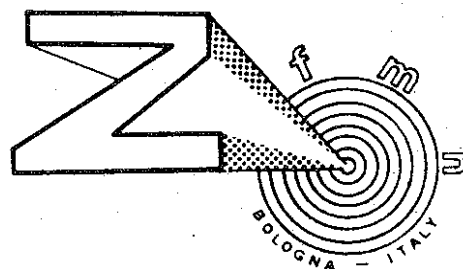
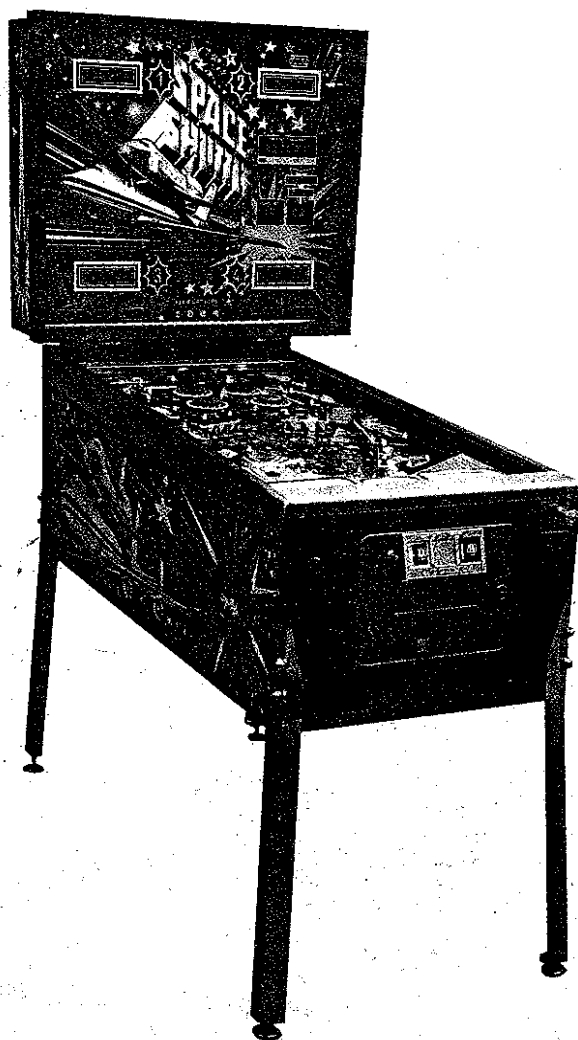


ELECTRICAL DIAGRAMS

for

«SPACE SHUTTLE»



F.LLI ZACCARIA S.n.c.

di Zaccaria Marino - Franco - Natale

COSTRUZIONI GIOCHI D'ATTRAZIONE

Via Armaroli, 15 - 40012 CALDERARA DI RENO (Bo) Italy
Telefono (051) 72 23 81 - 82 con ricerca automatica
Telex 213683 ZACC. I.



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URL: <http://www.tilt.it/>

E-mail: wiz@tilt.it
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E-mail: thomas@langaas.org

LIST OF ILLUSTRATIONS

Assembly drawing

Layout for C.P.U. board

Diagram for C.P.U. board

Layout for FLIPPER PROGRAMMING board

Diagram for FLIPPER PROGRAMMING board

Layout for INTERFACE board

Diagram for INTERFACE board

Layout for POWER board

Diagram for POWER board

Layout for DISPLAY board

Diagram for DISPLAY board

Layout for SOUND board

Diagram for SOUND board

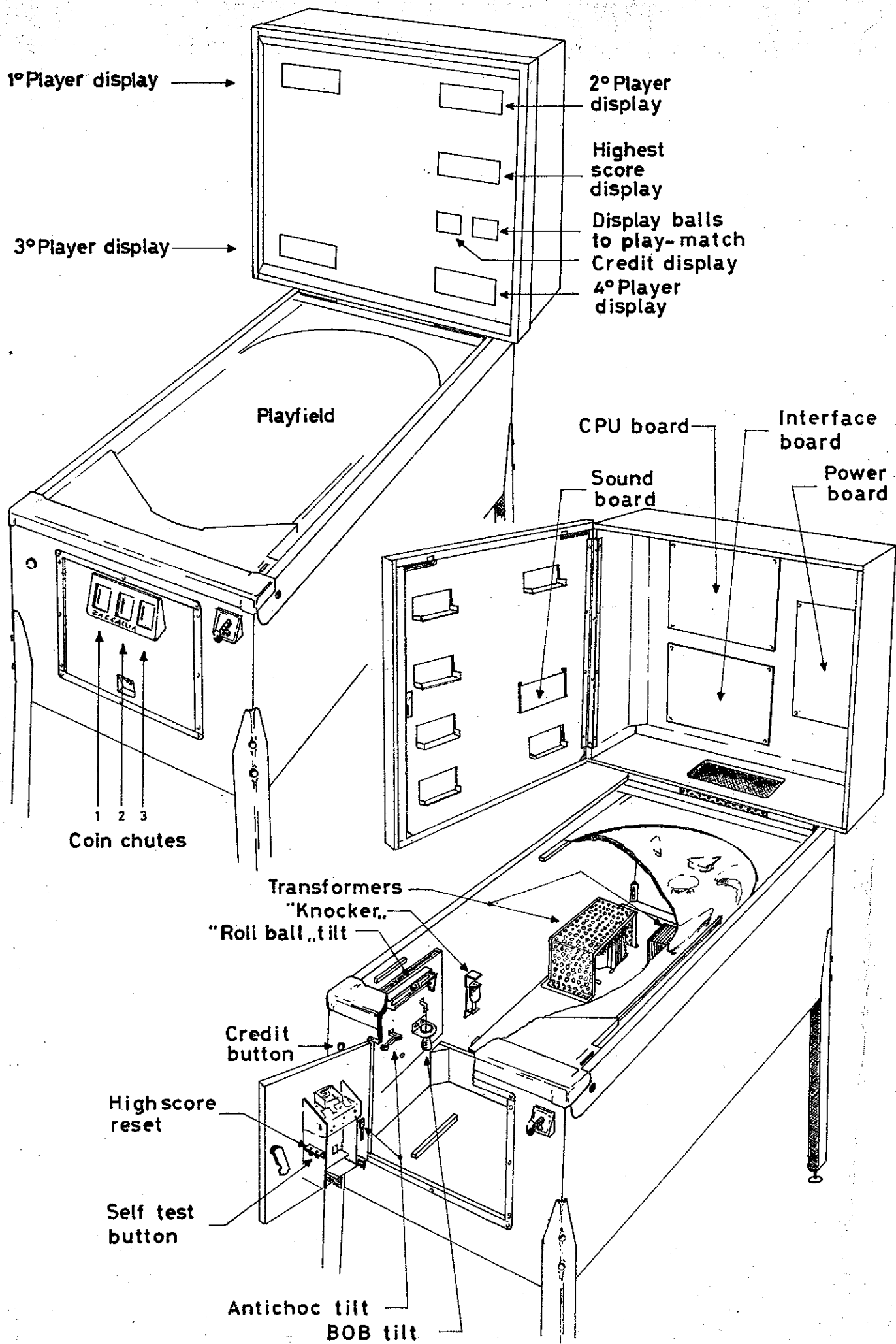
Diagram for PLAYFIELD CONTACTS _ (wiring)

Diagram for CABINET CONTACTS __ (wiring)

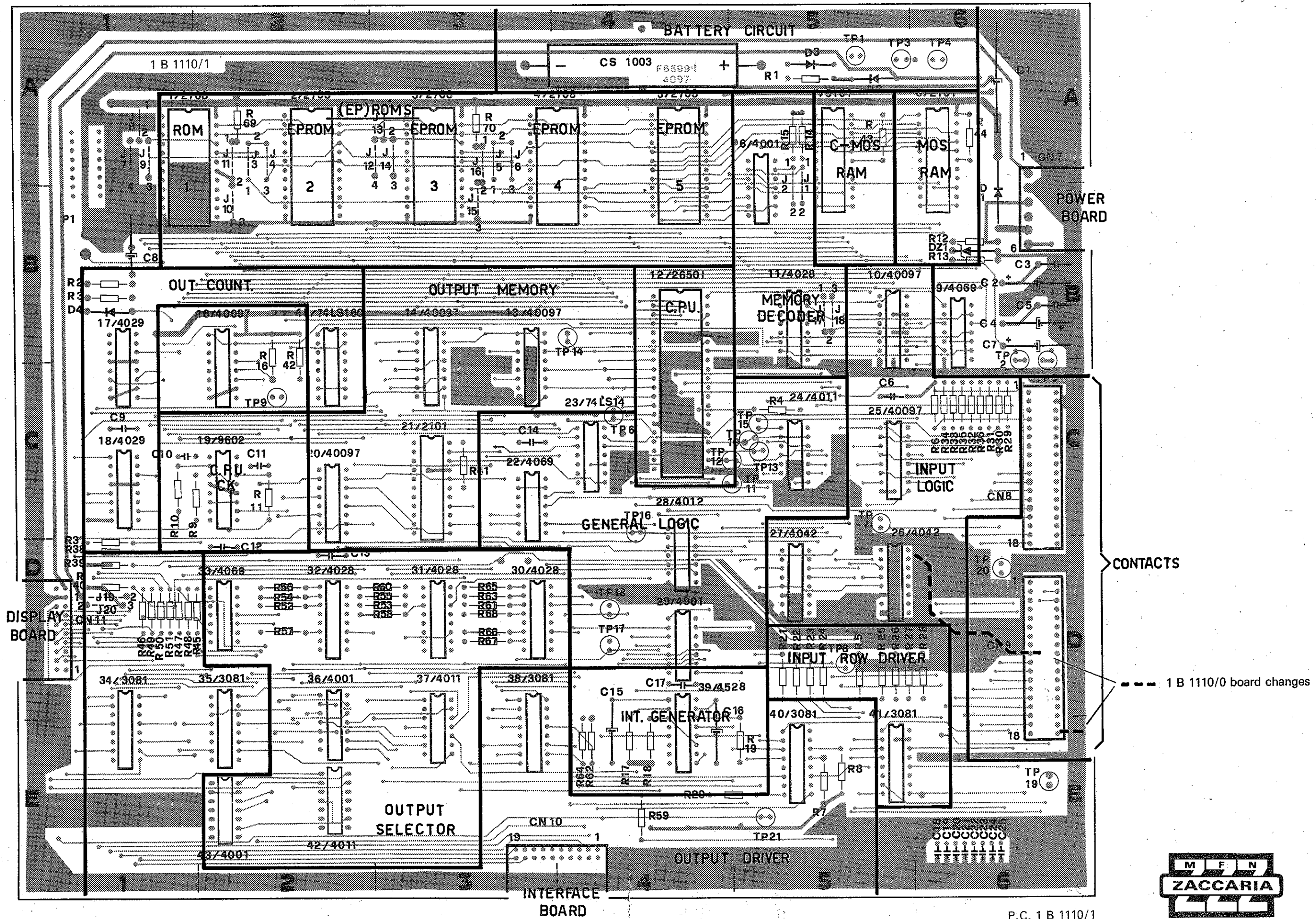
Diagram for FRONT DOOR _____ (wiring)

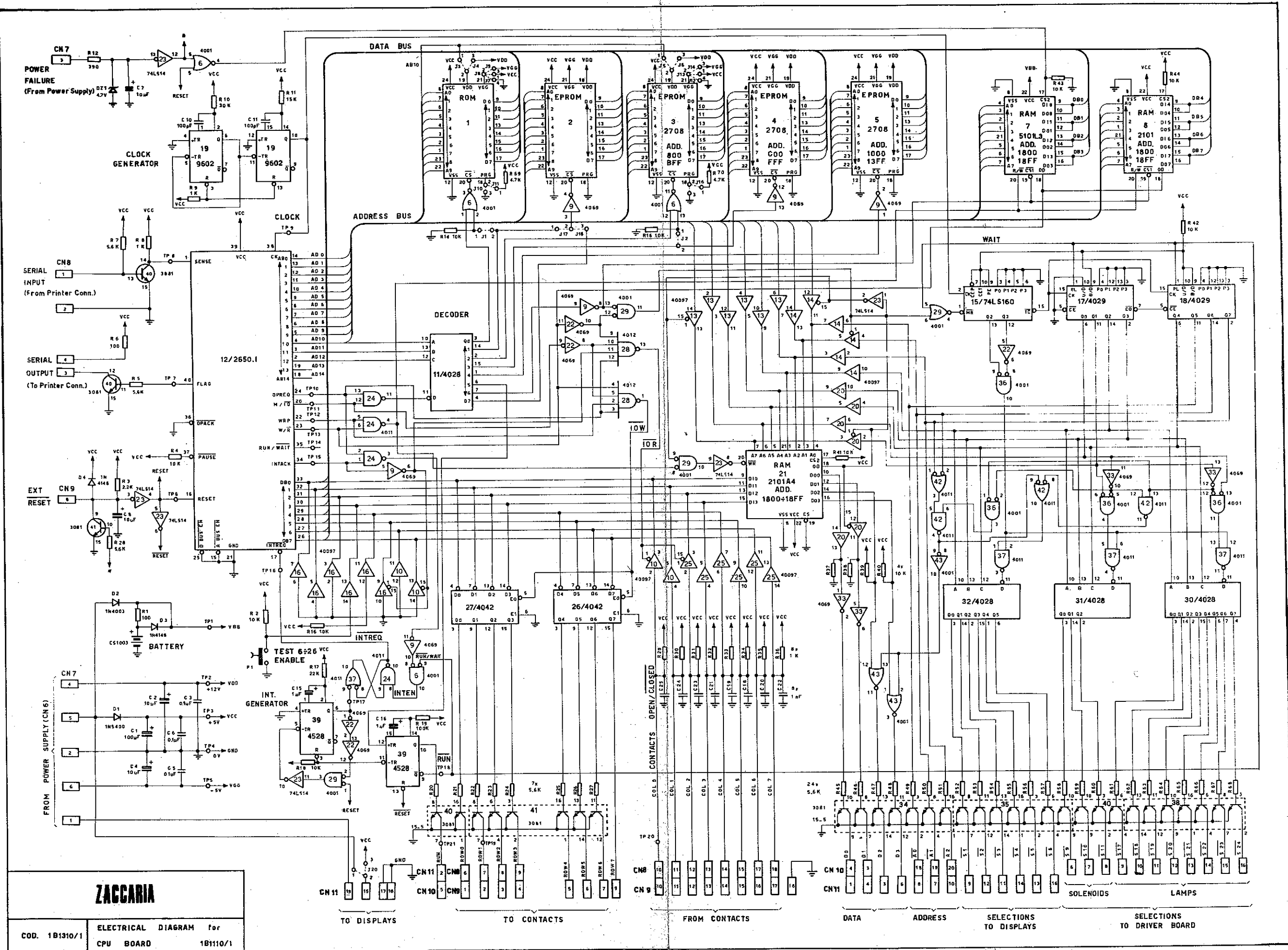
Diagram for COILS _____ (wiring)

Diagram for LAMPS _____ (wiring)



C. P. U. board



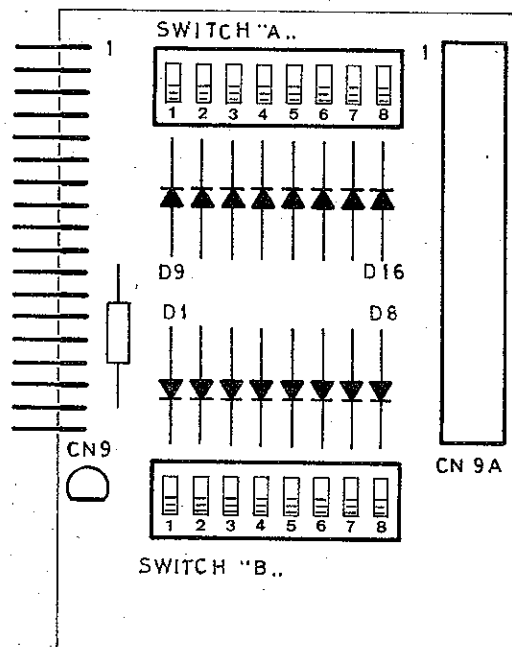


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COD. 1B1310/1

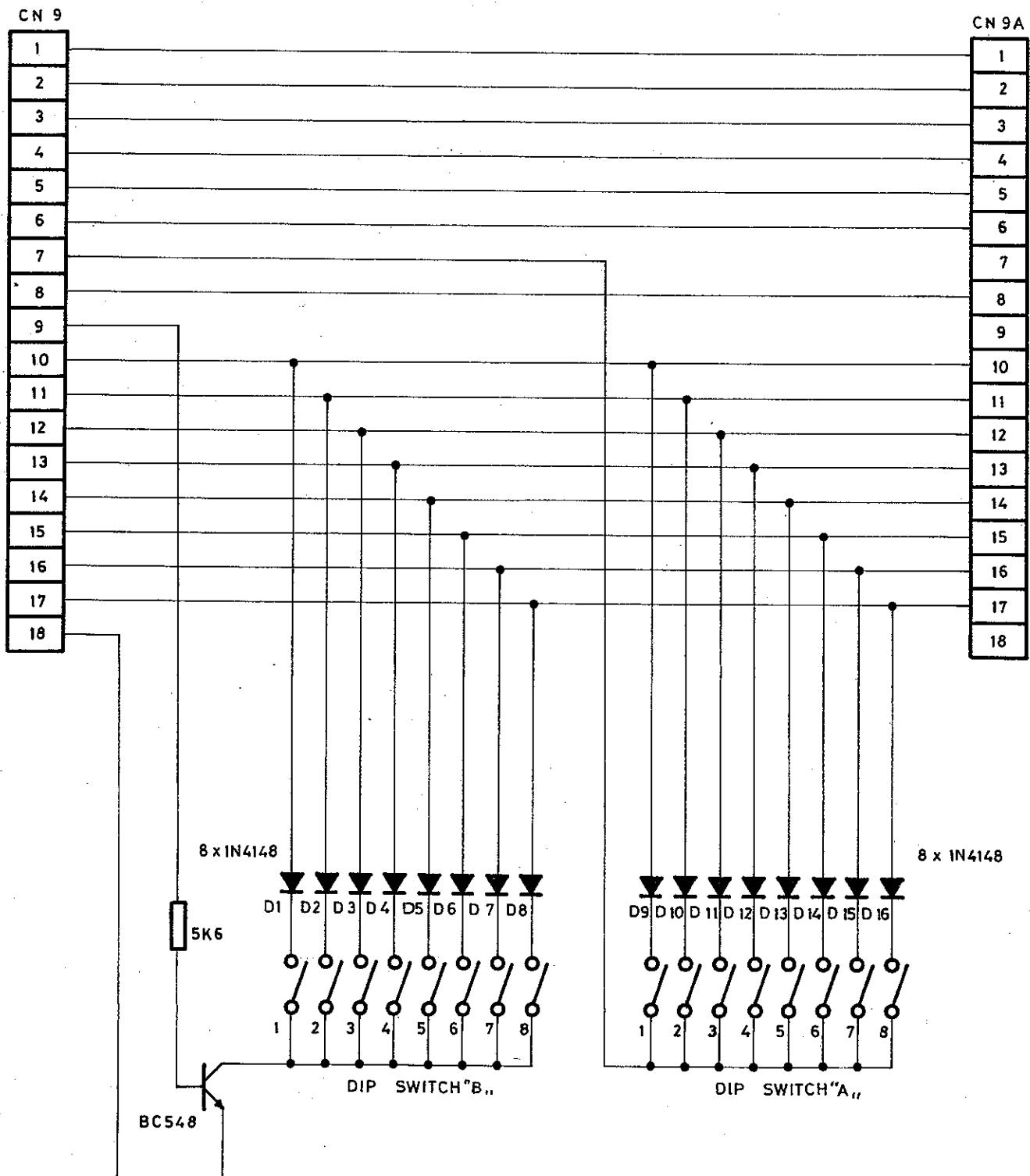
ELECTRICAL DIAGRAM for
CPU BOARD 1B1110/1

FLIPPER PROGRAMMING board



P.C. 1 B 1149

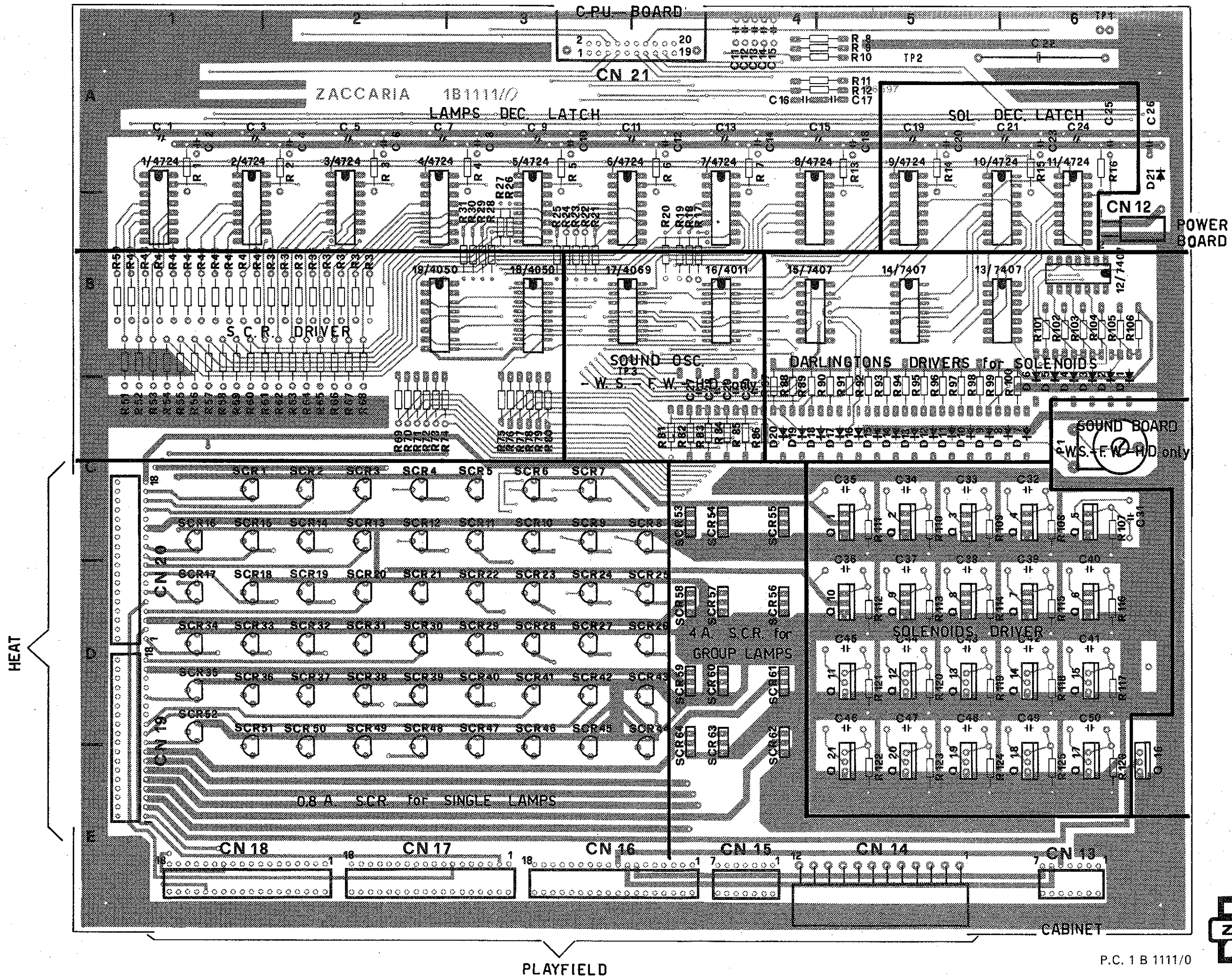
FLIPPER PROGRAMMING board



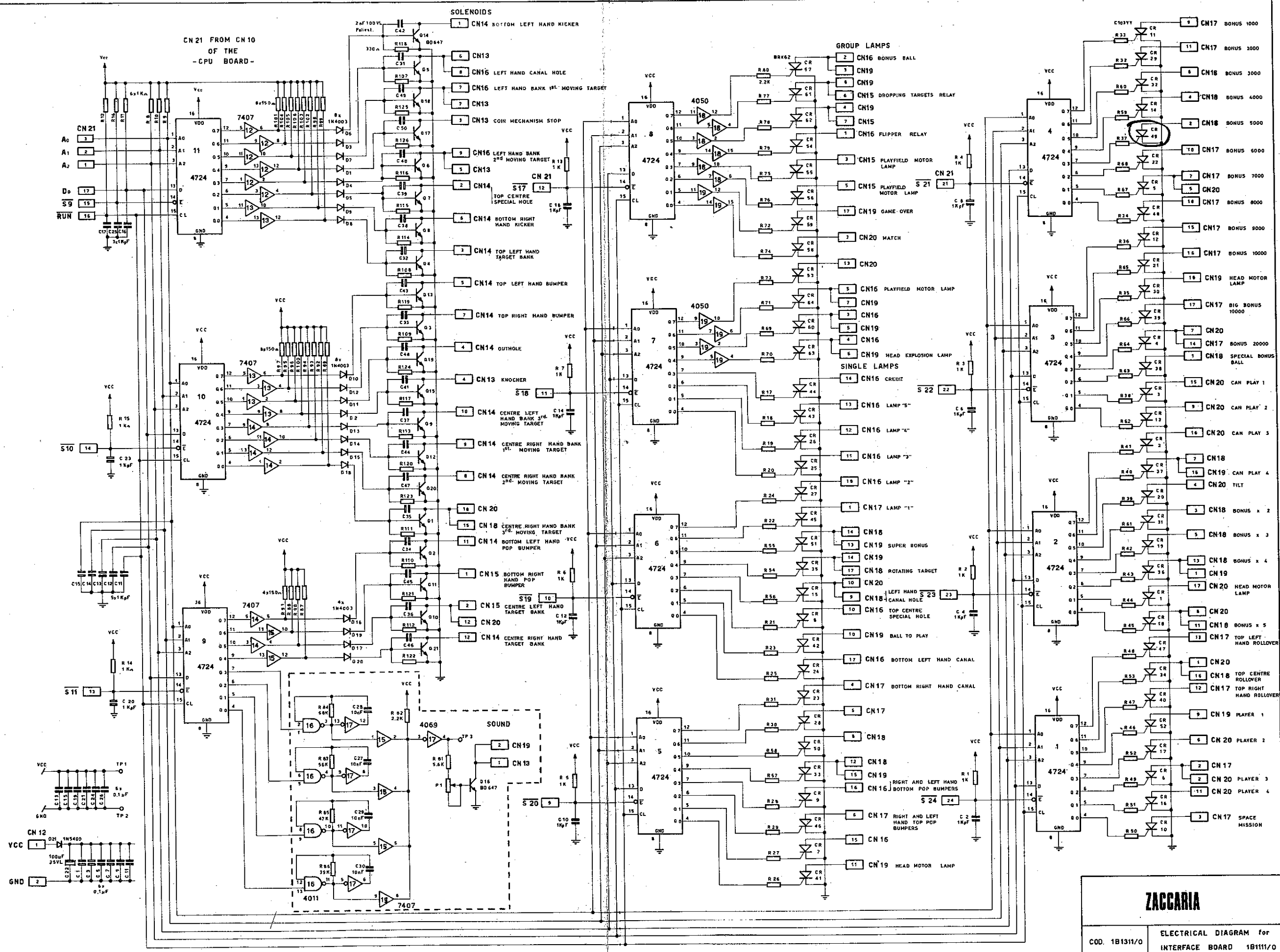
ZACCARIA

PART NAME				FLIPPER PROGRAMMING		PART NO.	
(WITH				DIP SWITCH) PC.1B 1149		1B 1349	
DWN.		DATE	REV.	DATE REV.		SHEET	
		10/9/80					
NOTES: UNLESS OTHERWISE SPECIFIED							
1) ALL RESISTORS VALUES IN Ω							
2) ALL CAPACITORS VALUES IN							

INTERFACE board



INTERFACE board

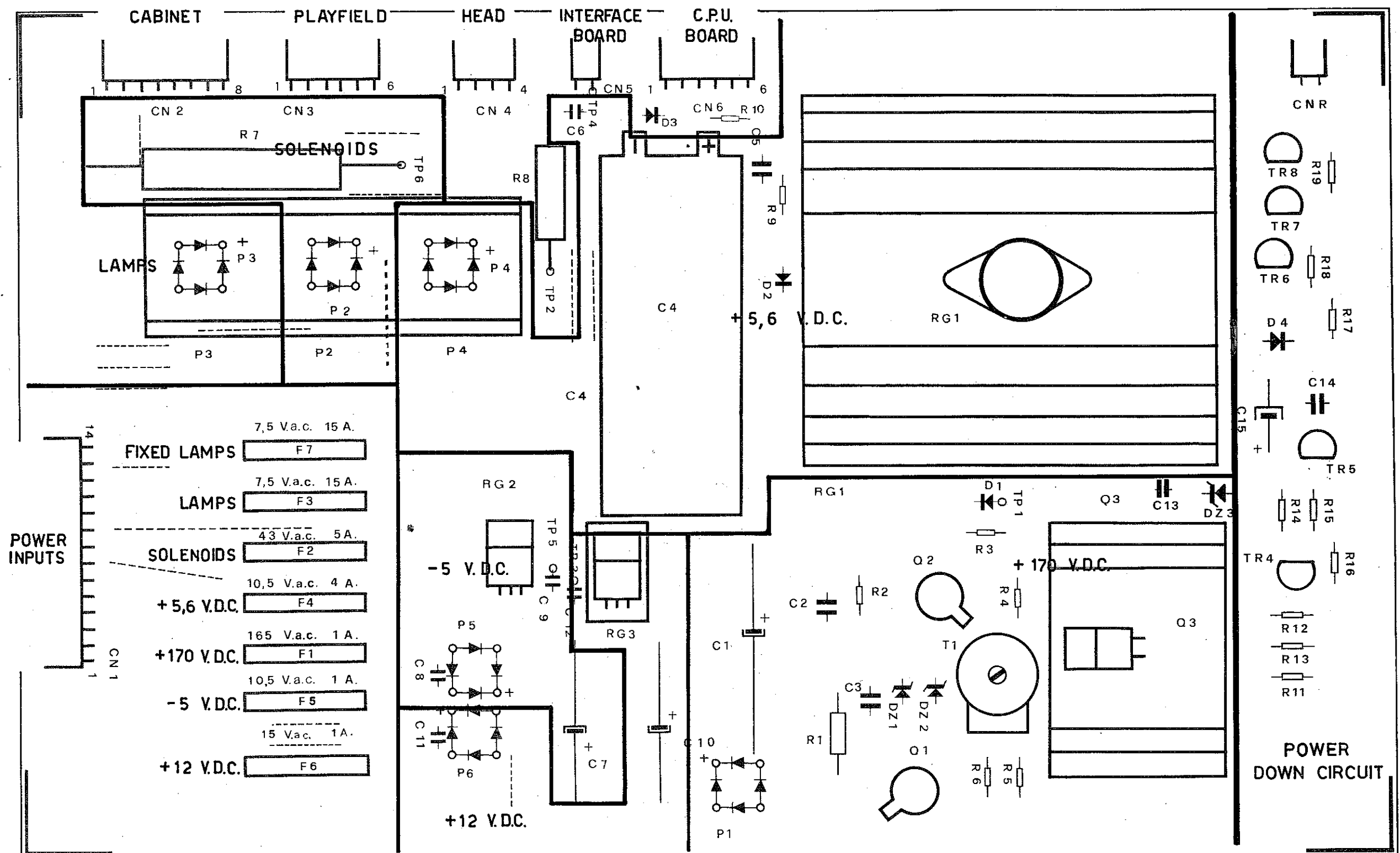


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COD. 1B1311/0

ELECTRICAL DIAGRAM for
INTERFACE BOARD 1B1111/0

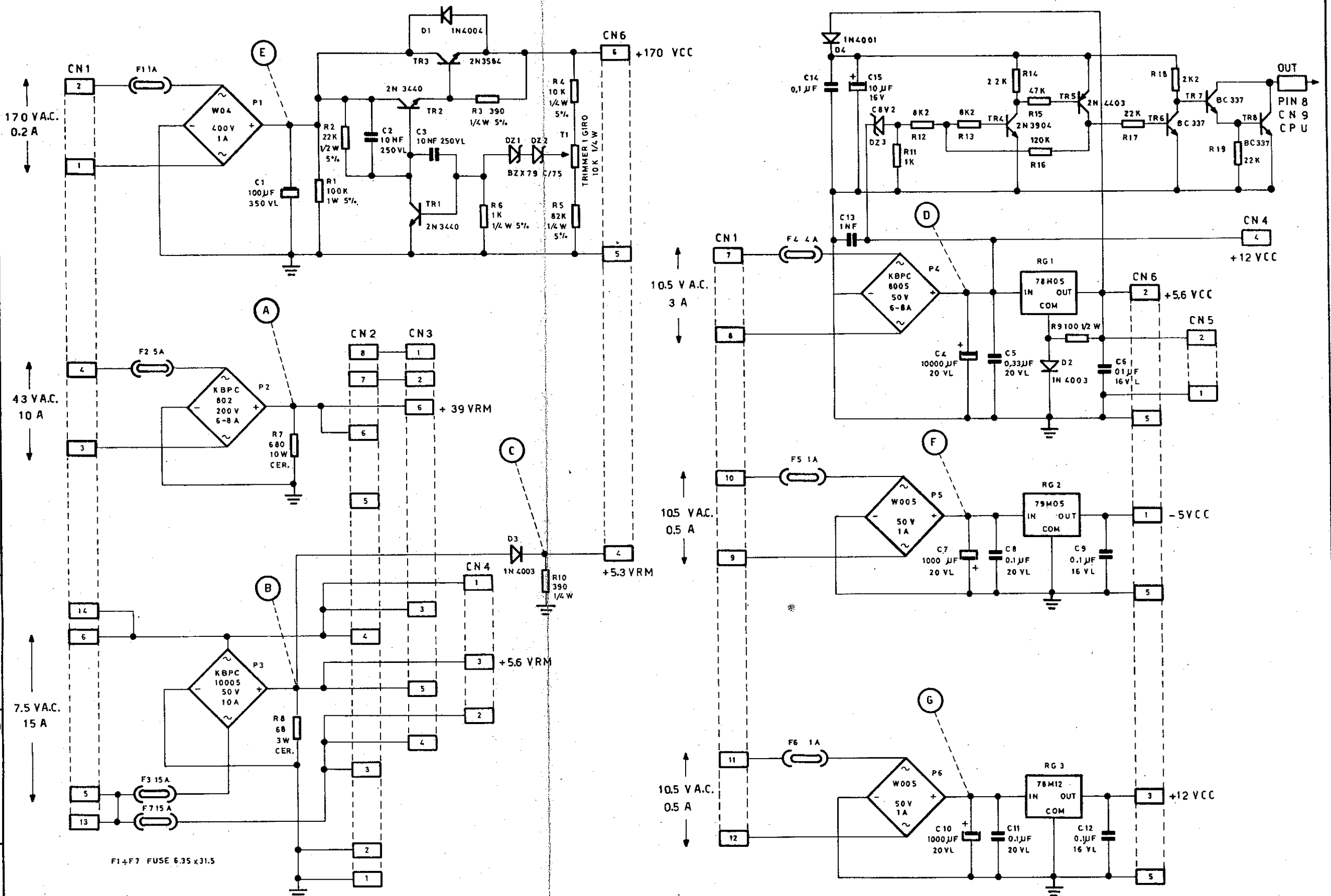
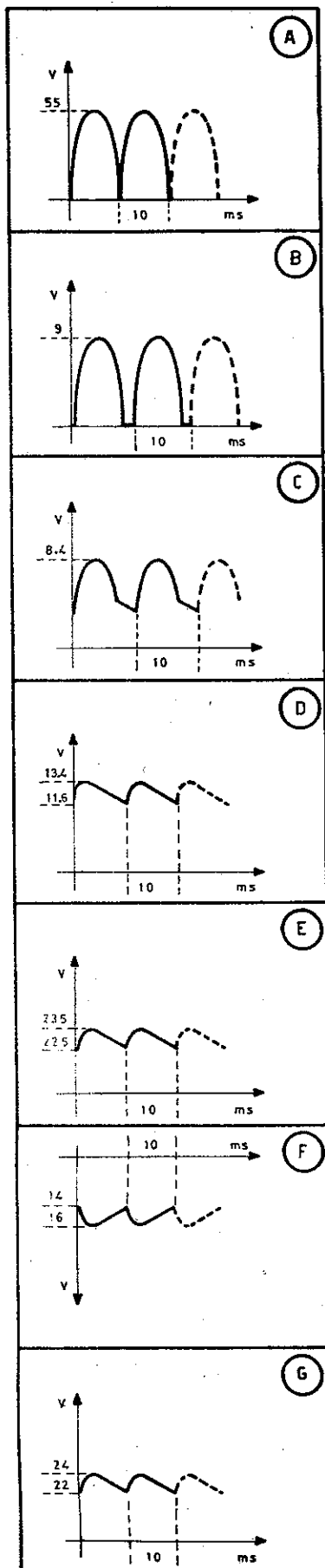
POWER board



P.C. 1 B 1109/4

POWER board

OSCILLOSCOPE DEFINABLE CURVES

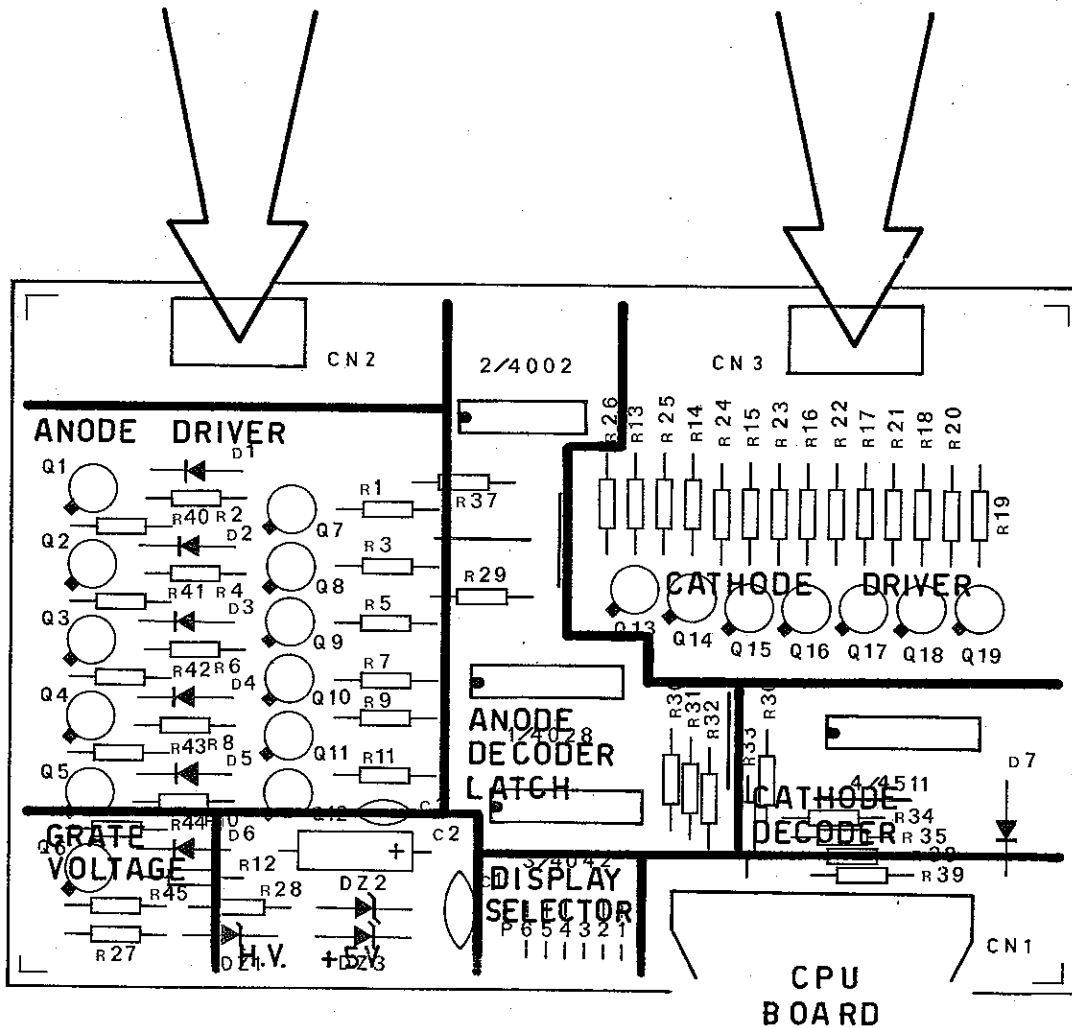
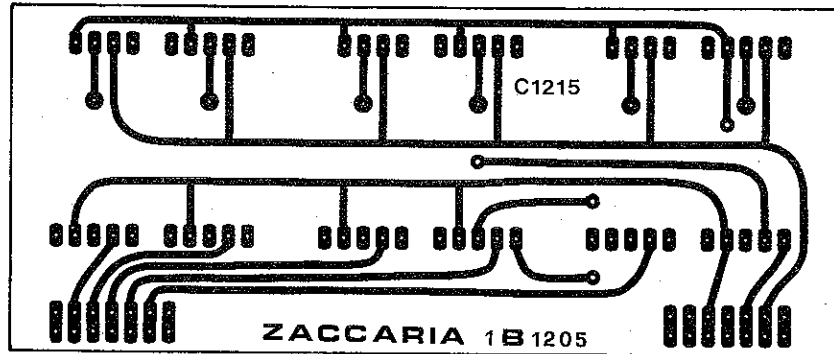


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COD 1B1309/4

ELECTRICAL DIAGRAM for
POWER BOARD 1B1109/4

DISPLAY boards



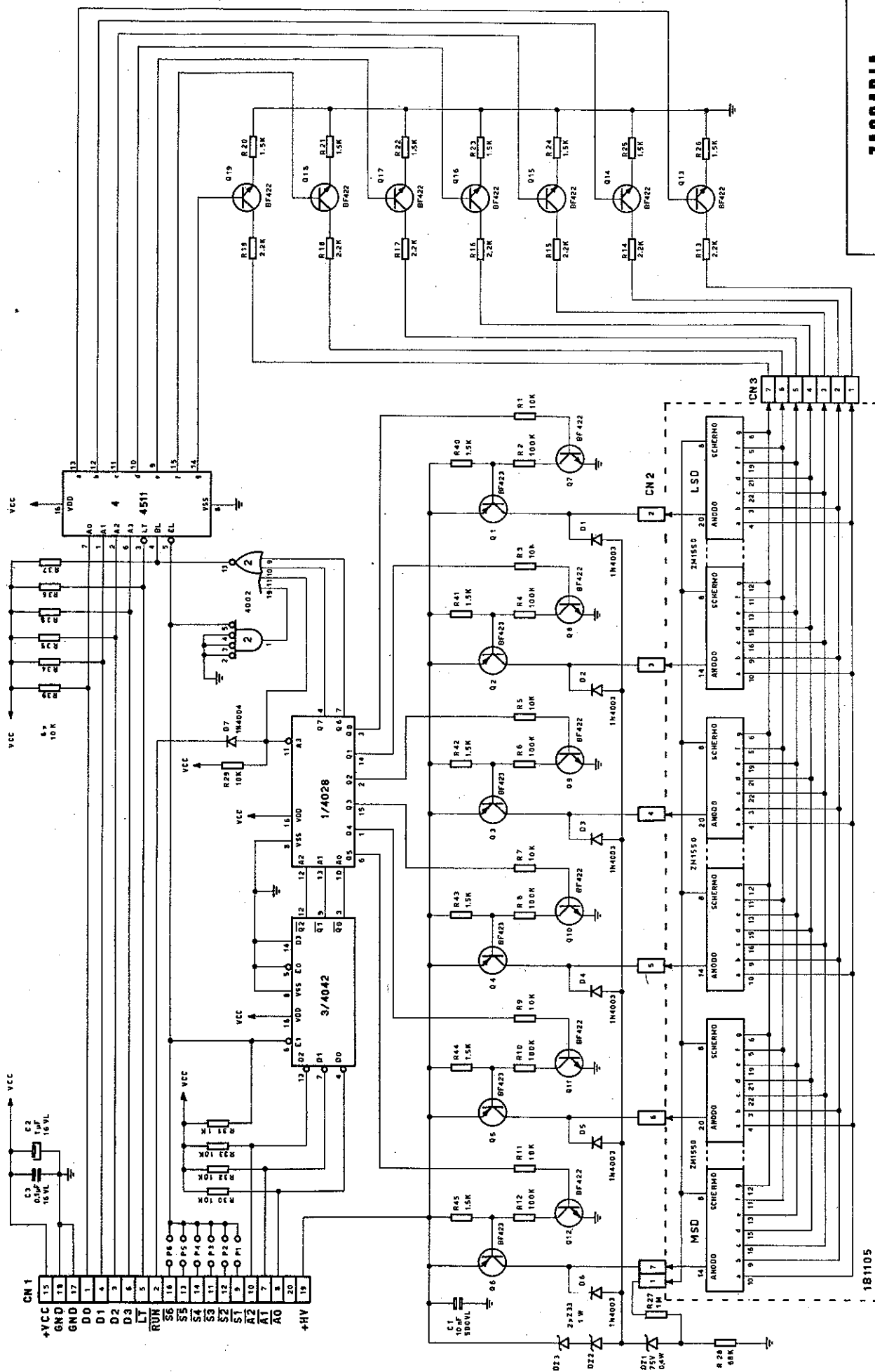
P.C. 1 B 1104/0



DISPLAY boards

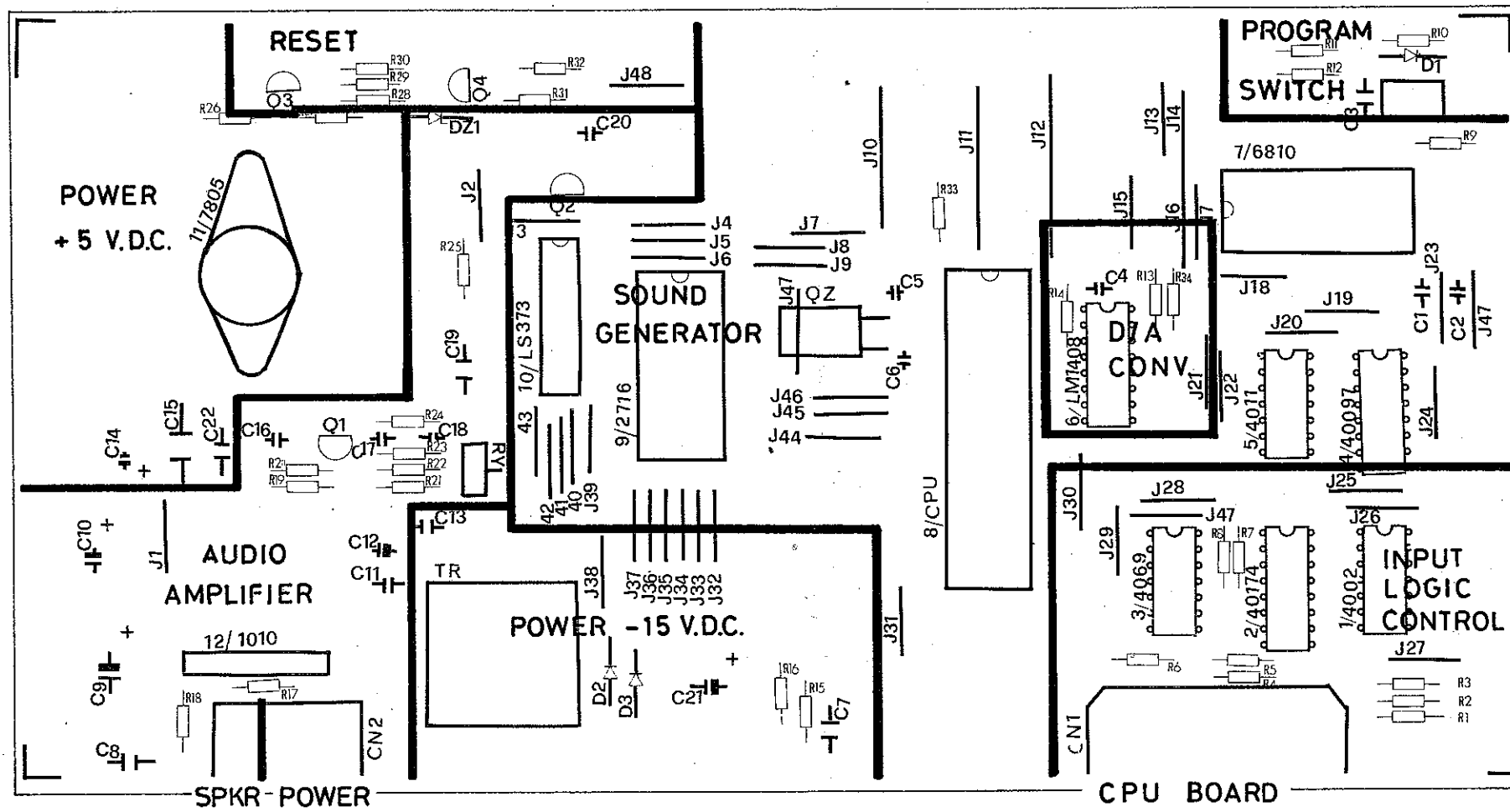
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COD. 1B1304/0
1B1104/0
ELECTRICAL DIAGRAM for
DRIVER DISPLAY BOARD

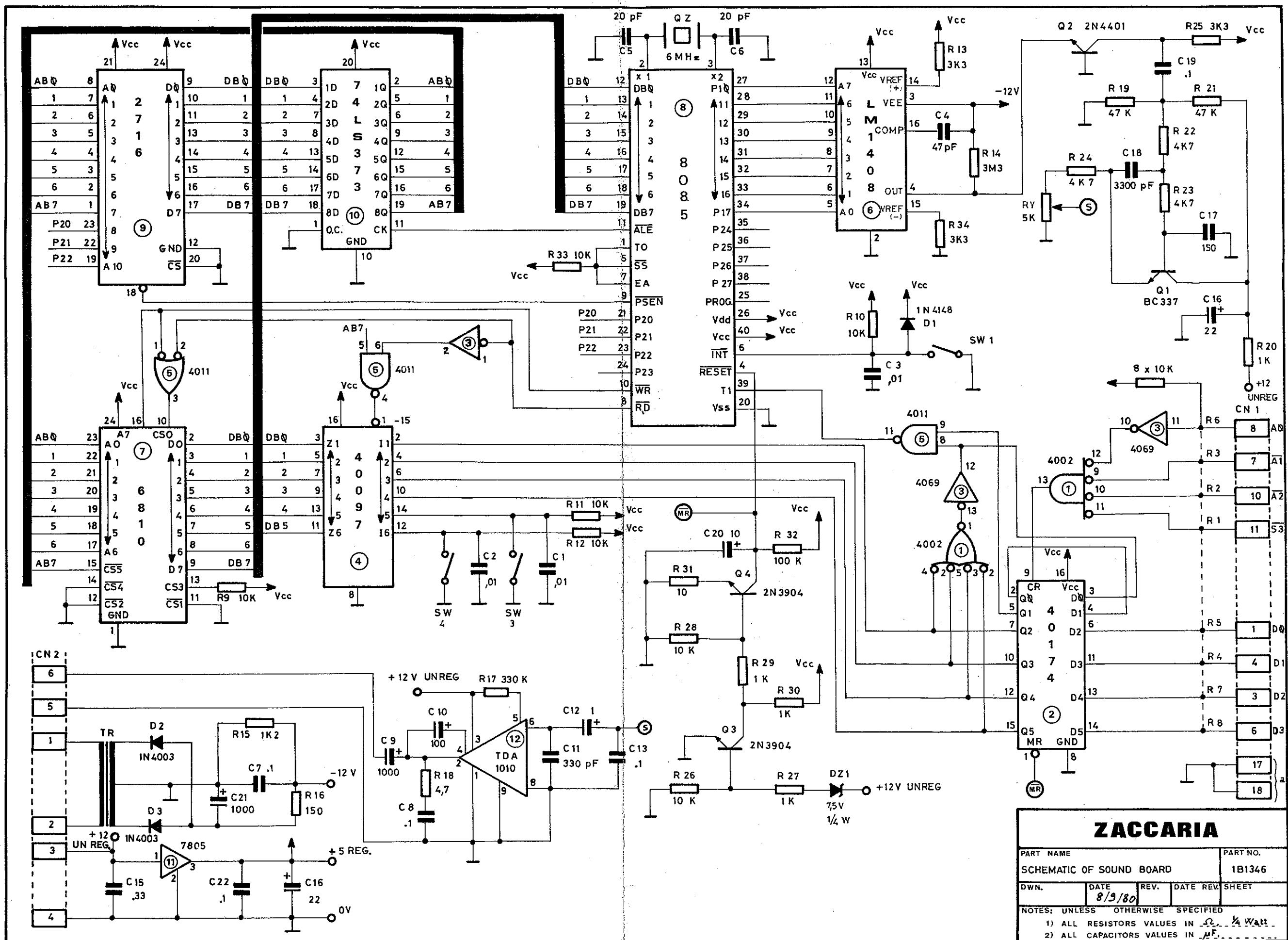


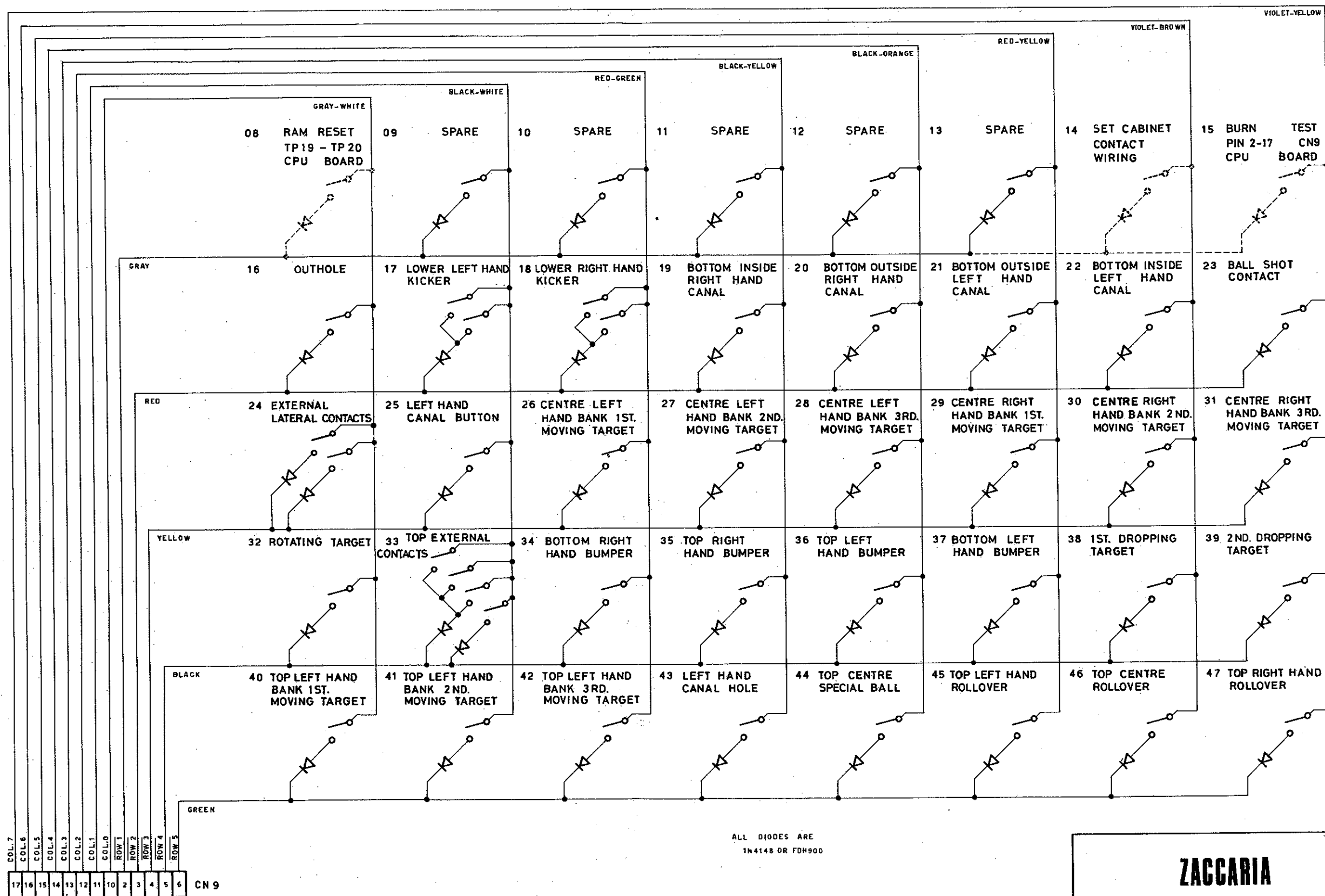
1B1105

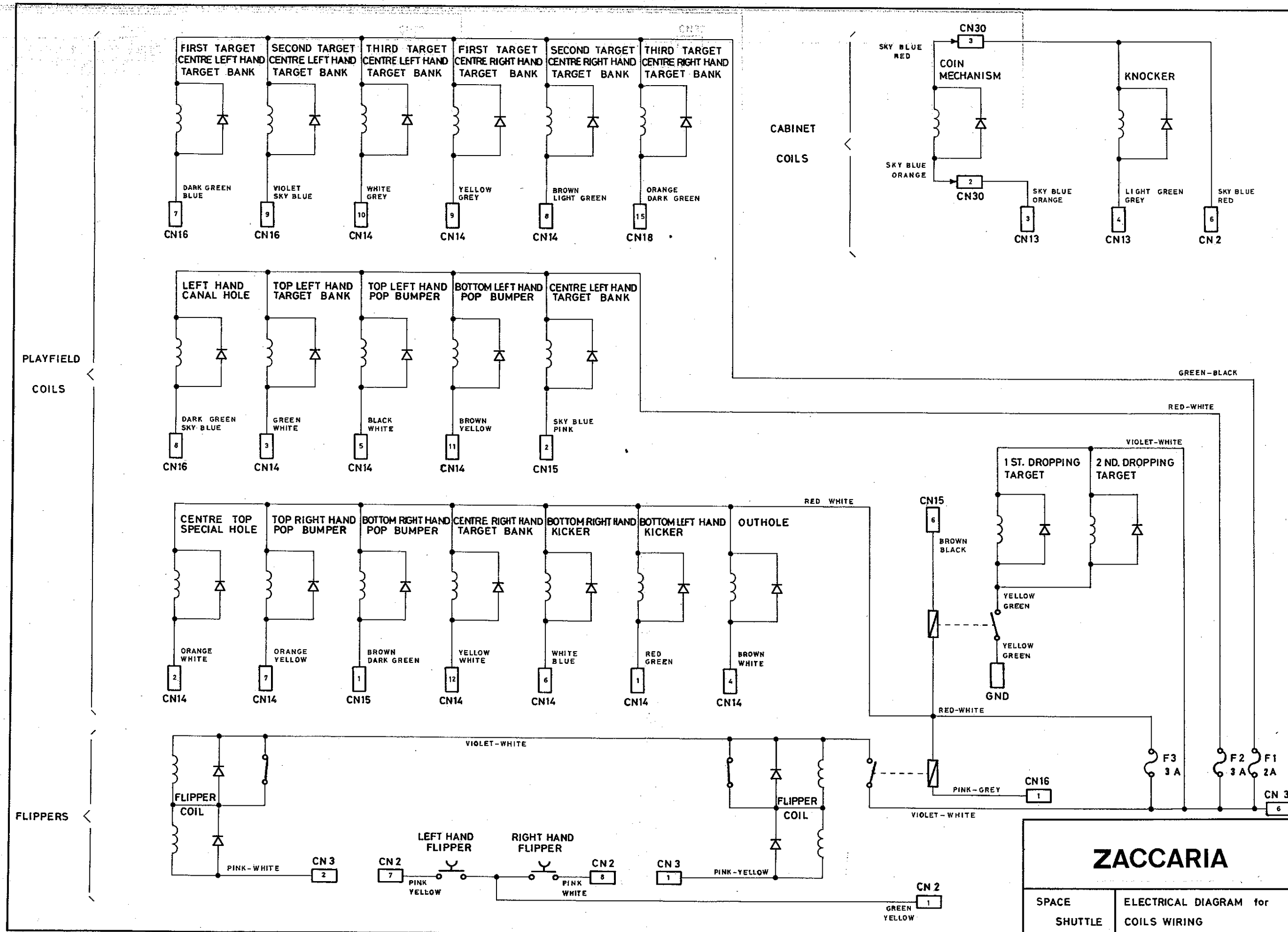
SOUND board



P.C. 1-B 1146





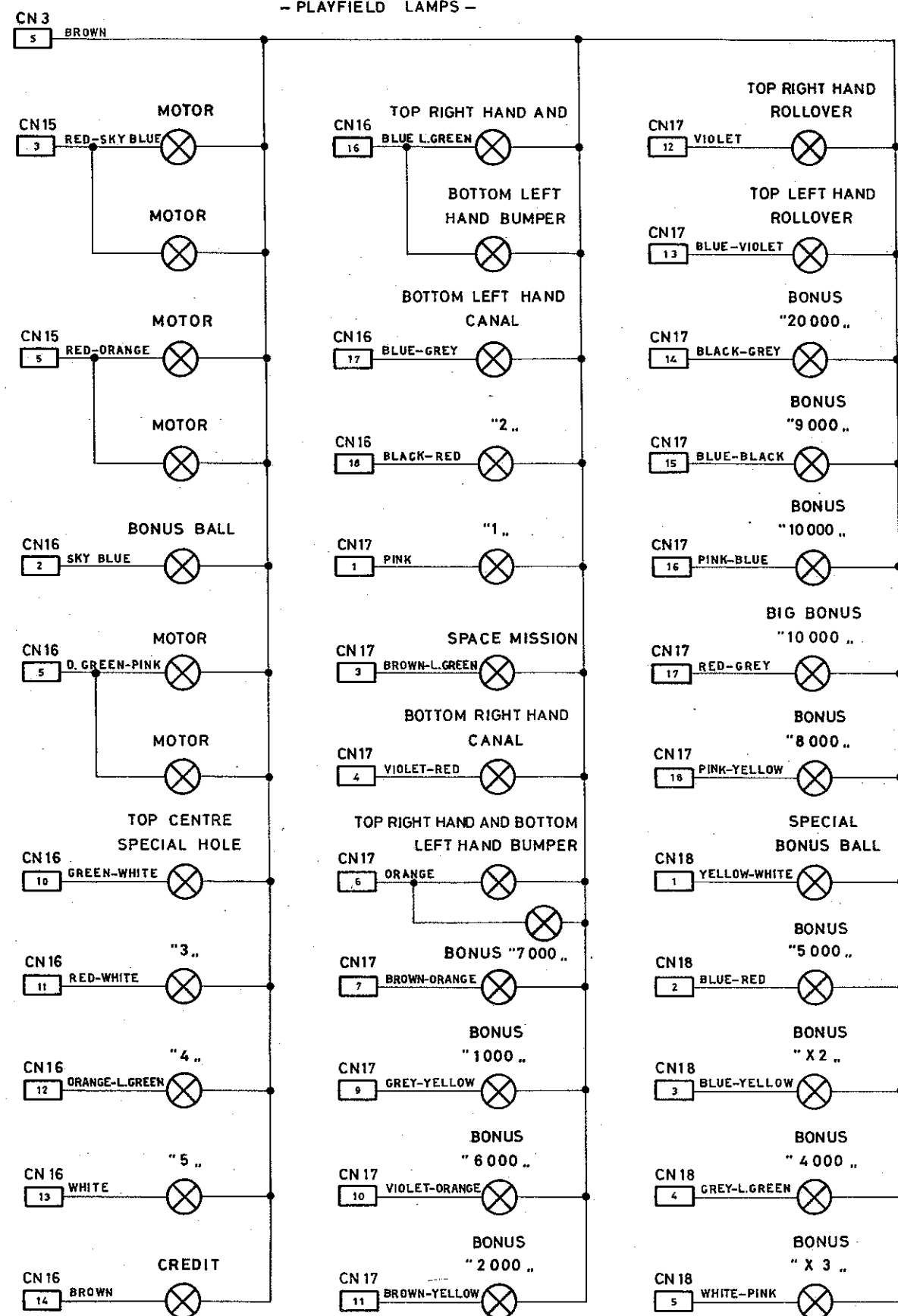


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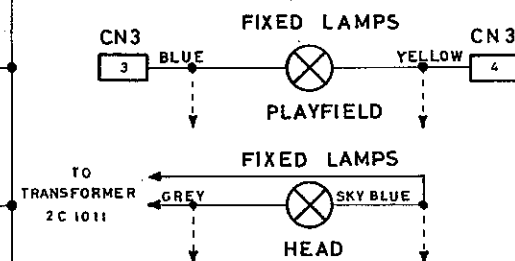
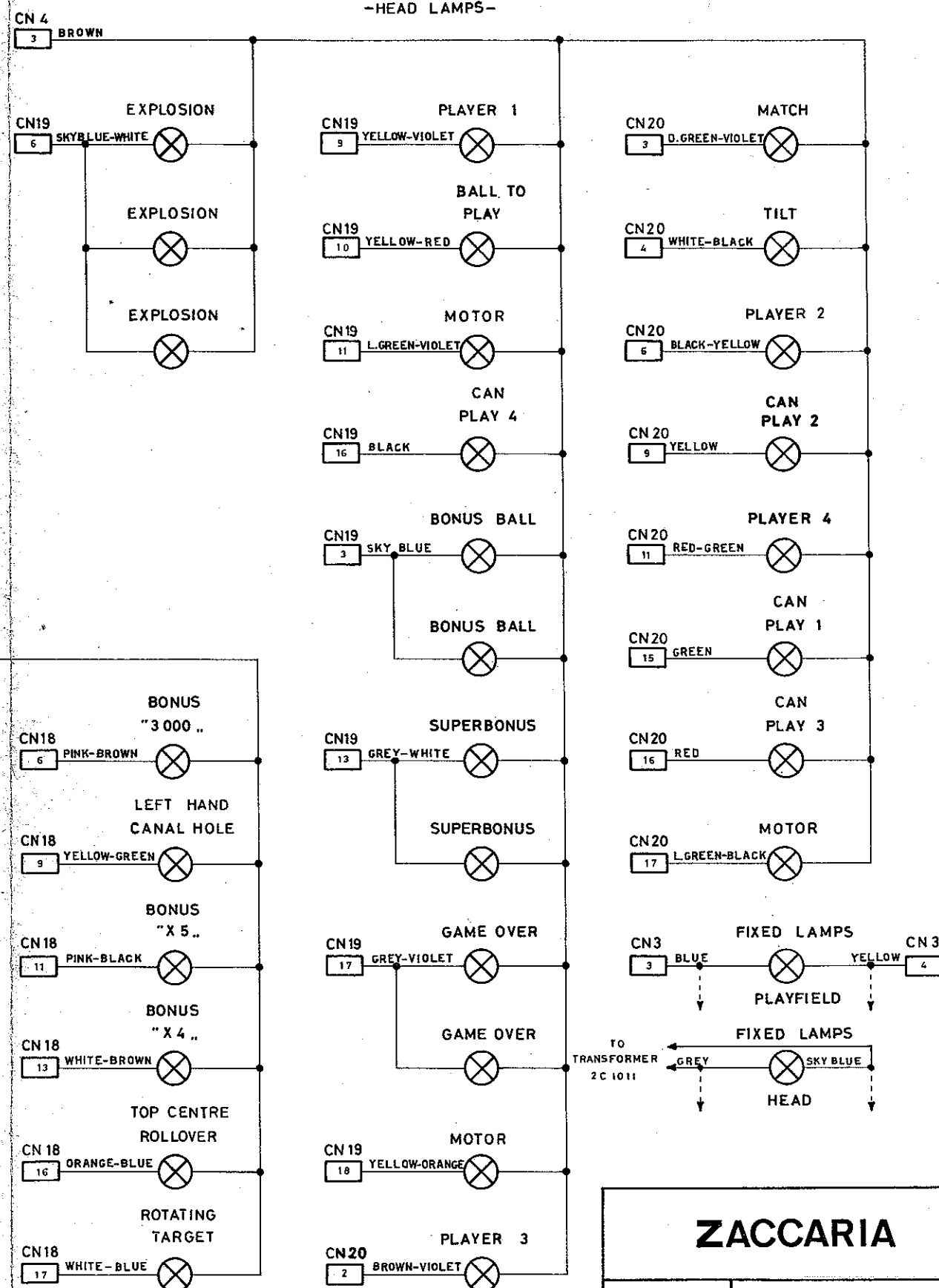
SPACE
SHUTTLE

ELECTRICAL DIAGRAM for
COILS WIRING

- PLAYFIELD LAMPS -



- HEAD LAMPS -



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SPACE SHUTTLE ELECTRICAL DIAGRAM for LAMPS WIRING