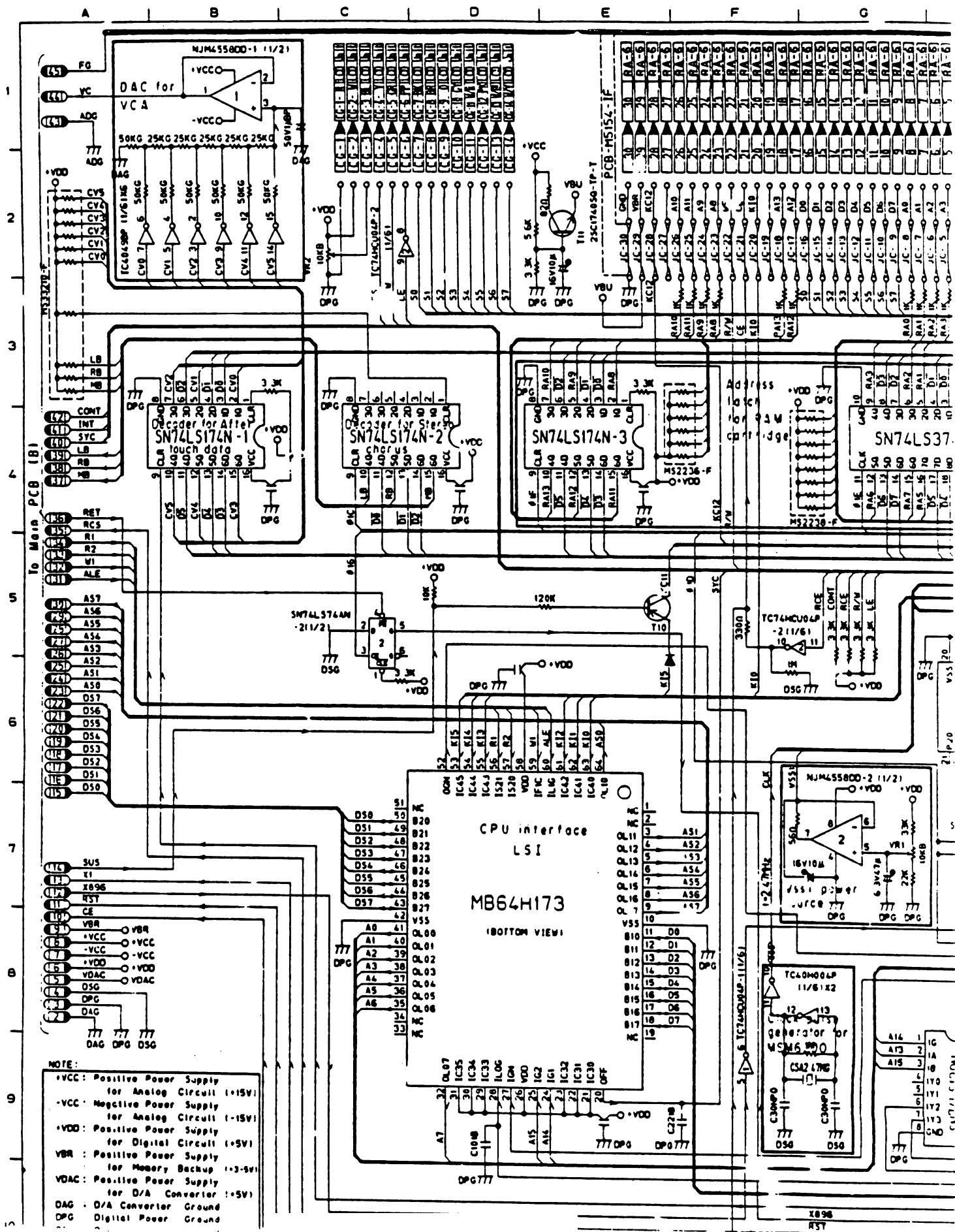
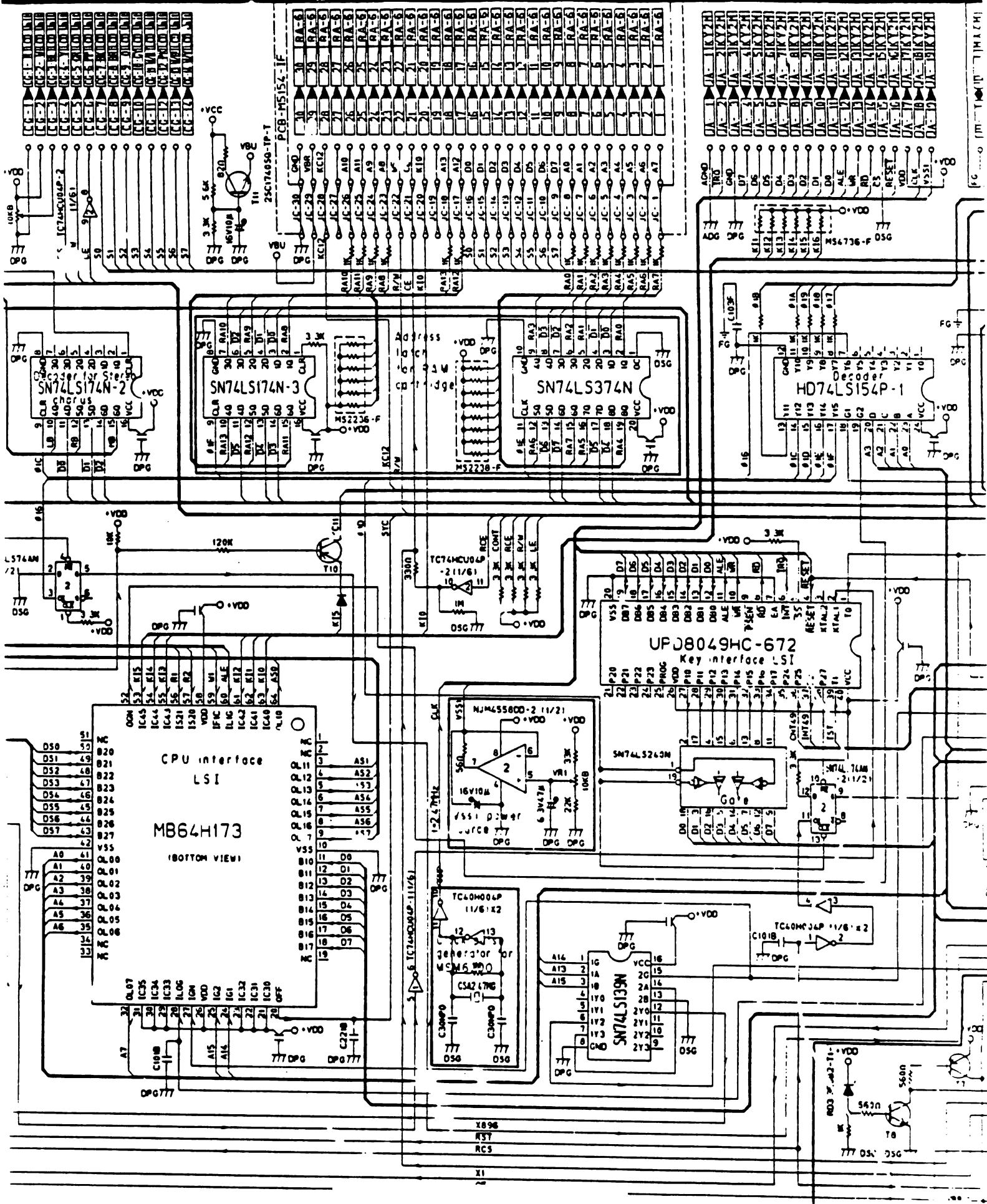
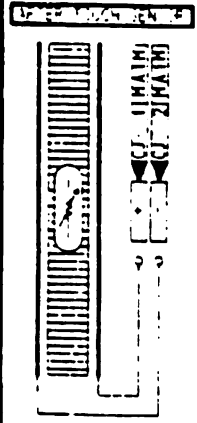
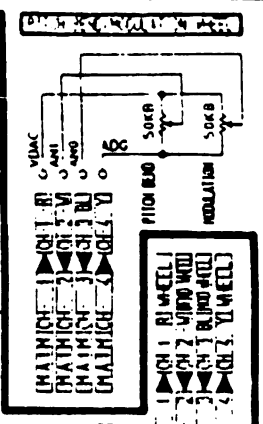
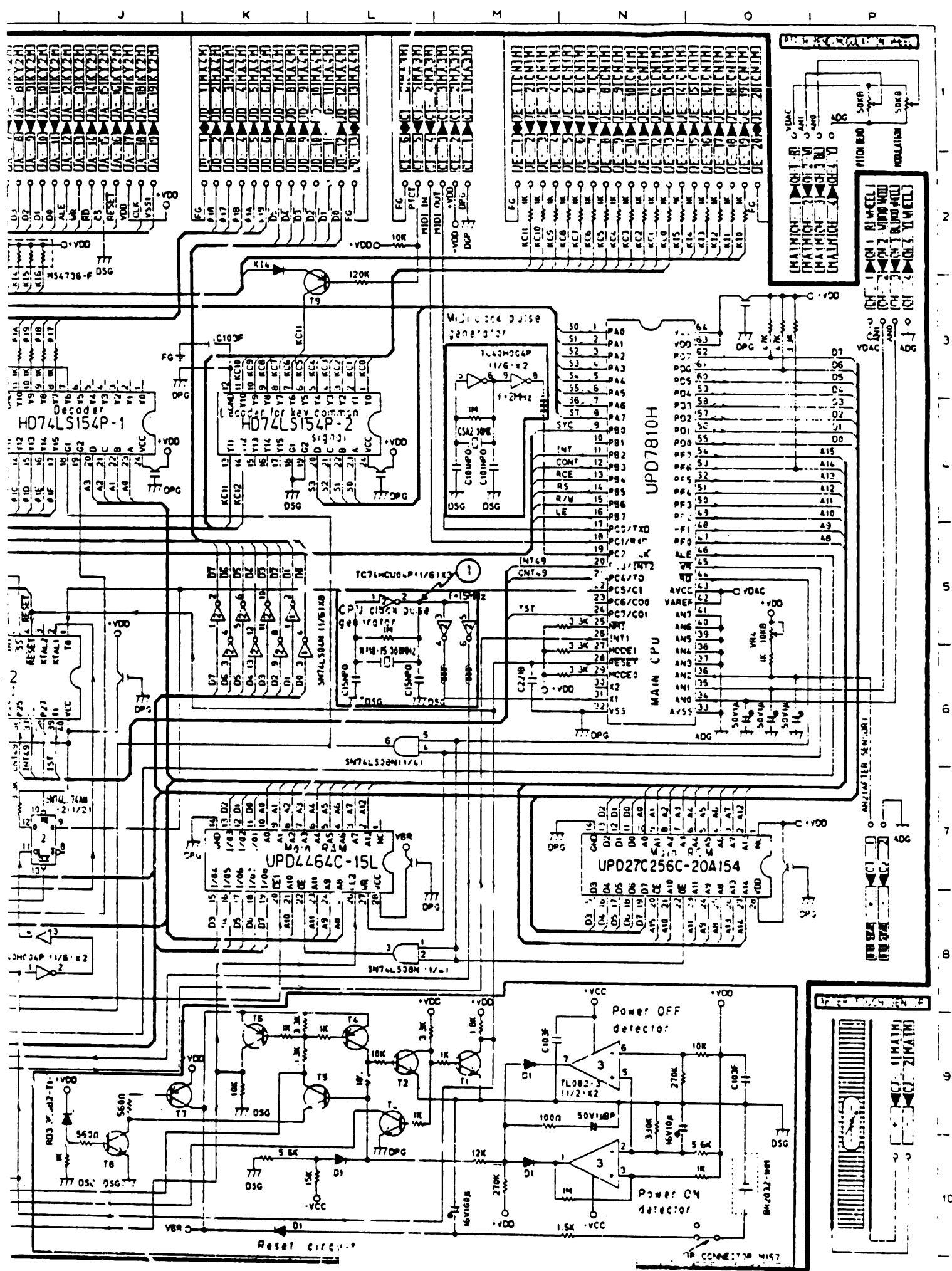
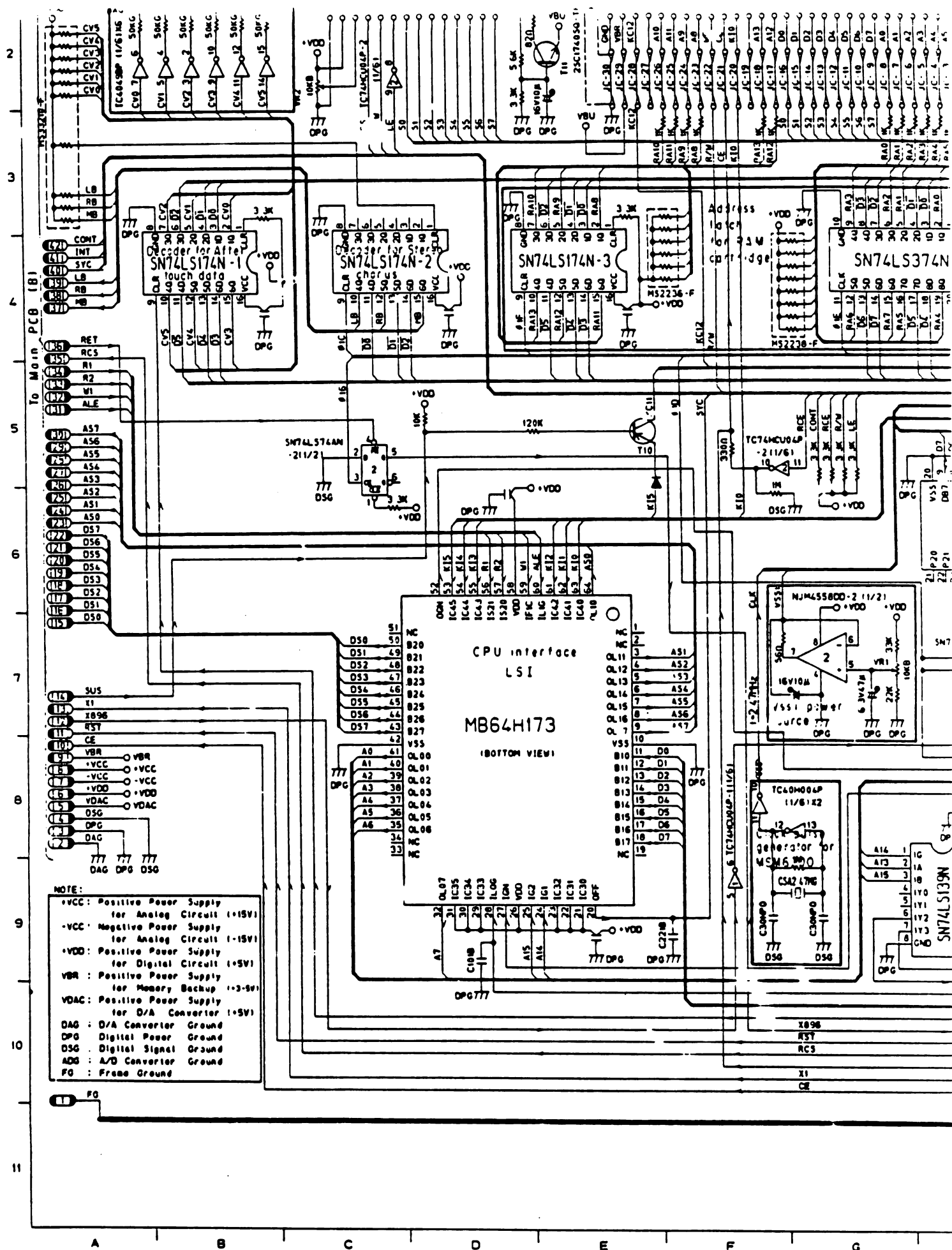


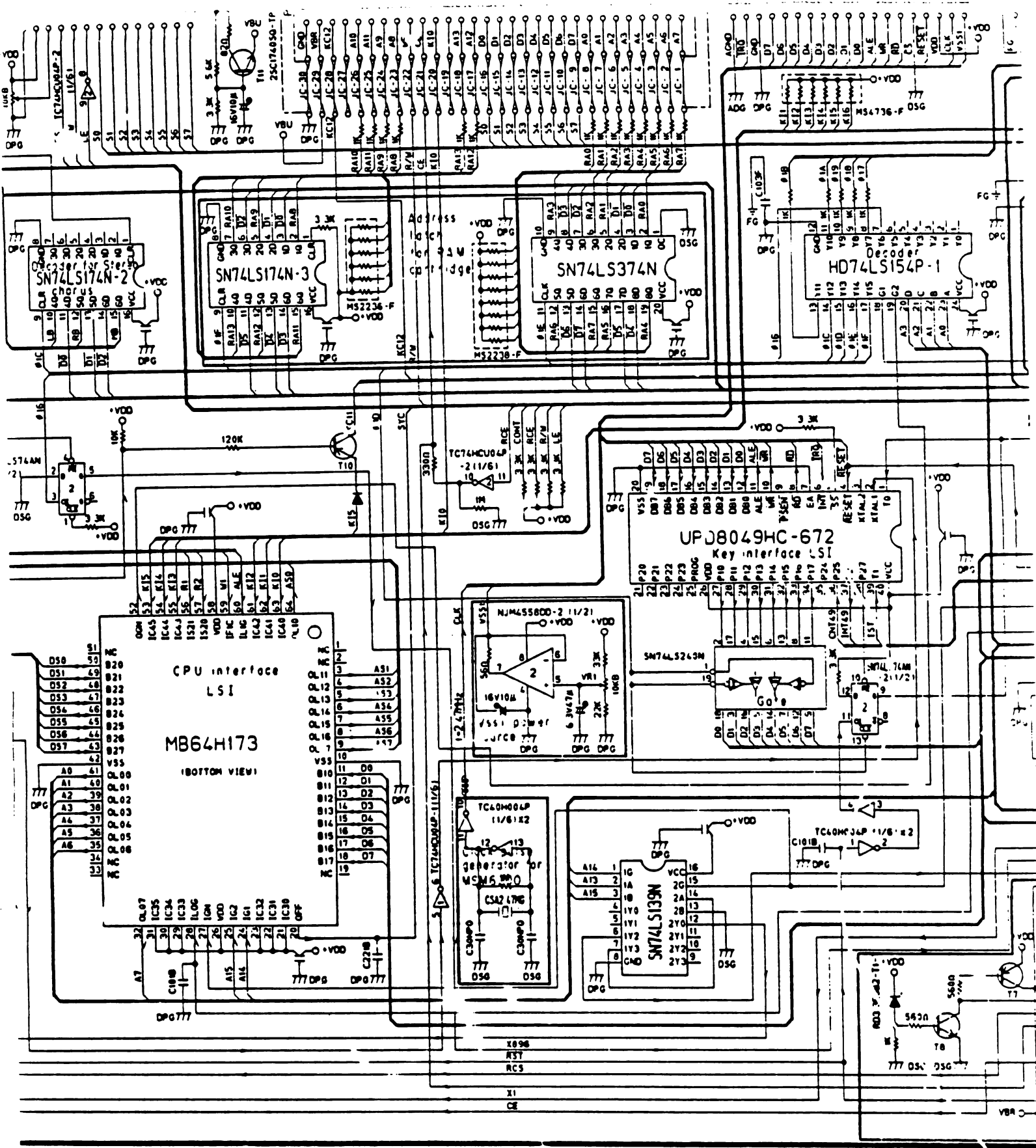
1-1. Main PCB (A) M5154-MA1M, IF











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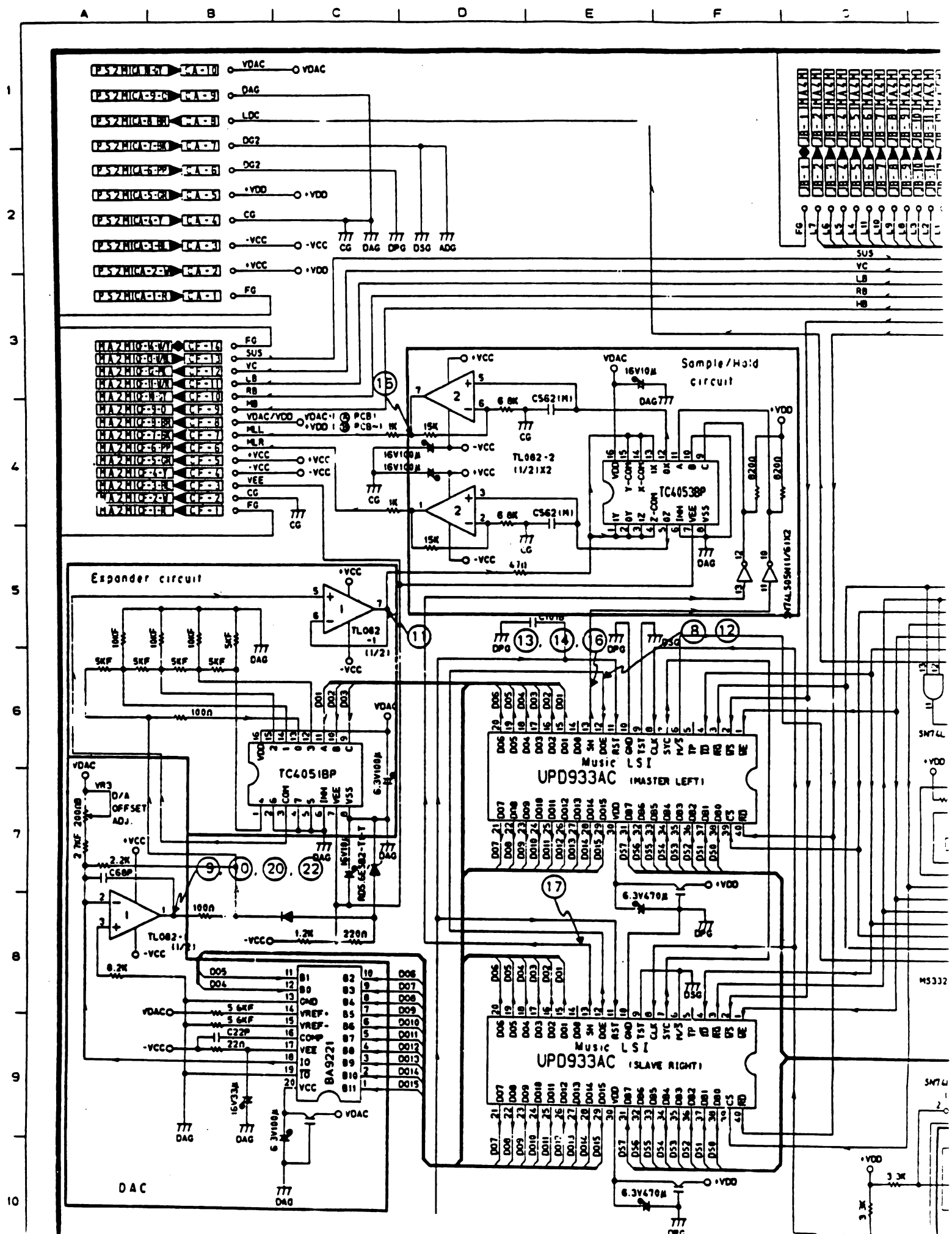
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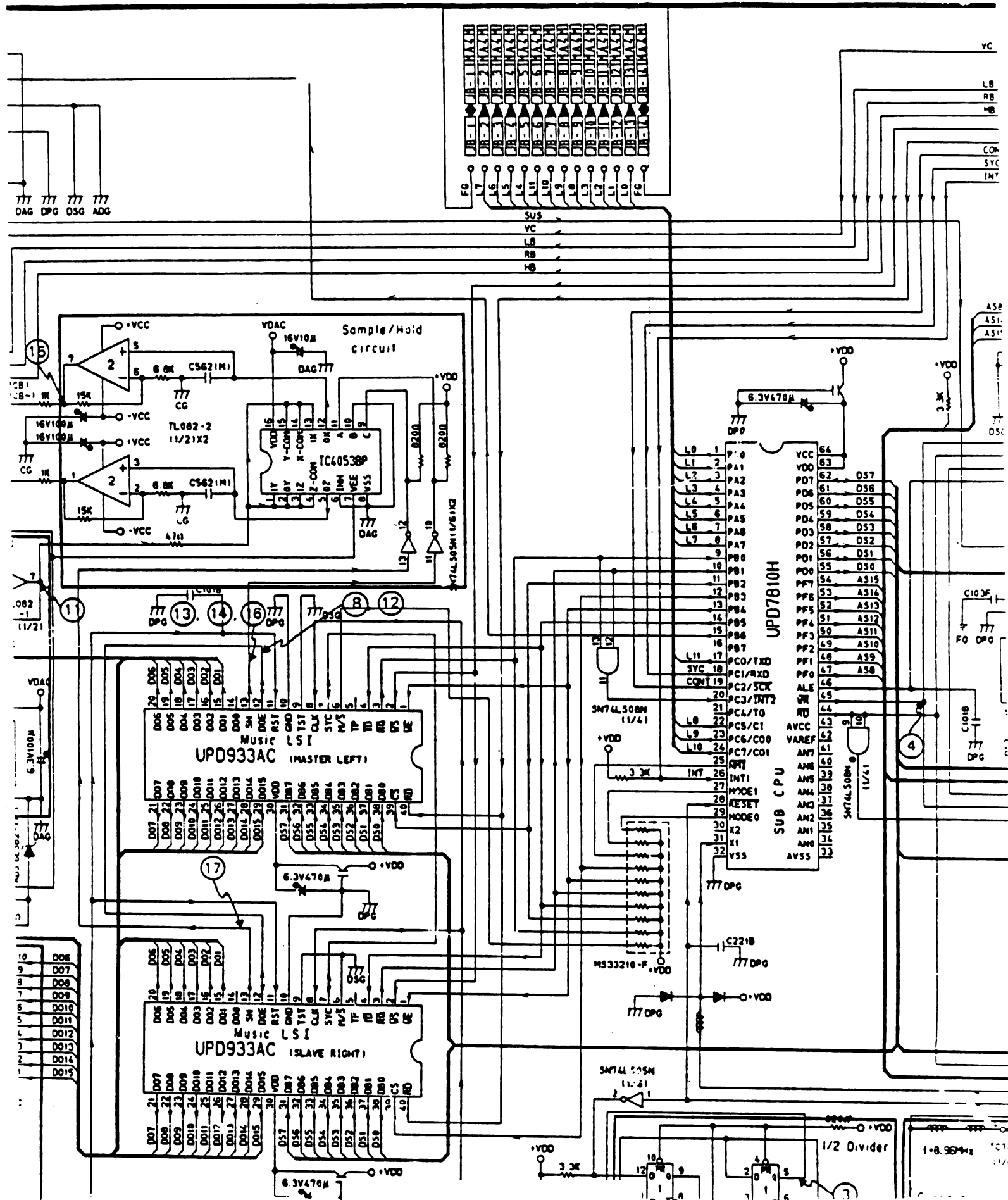
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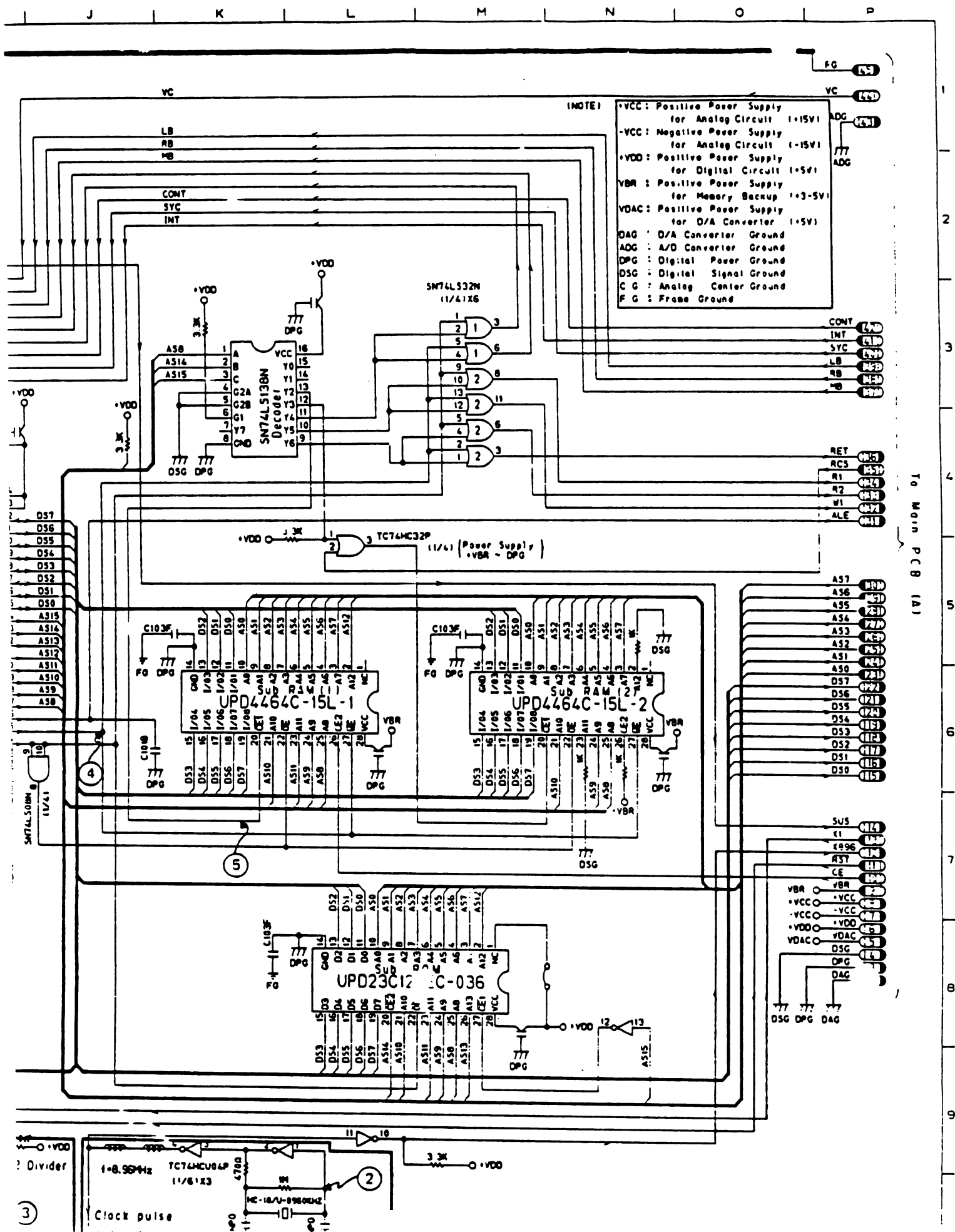
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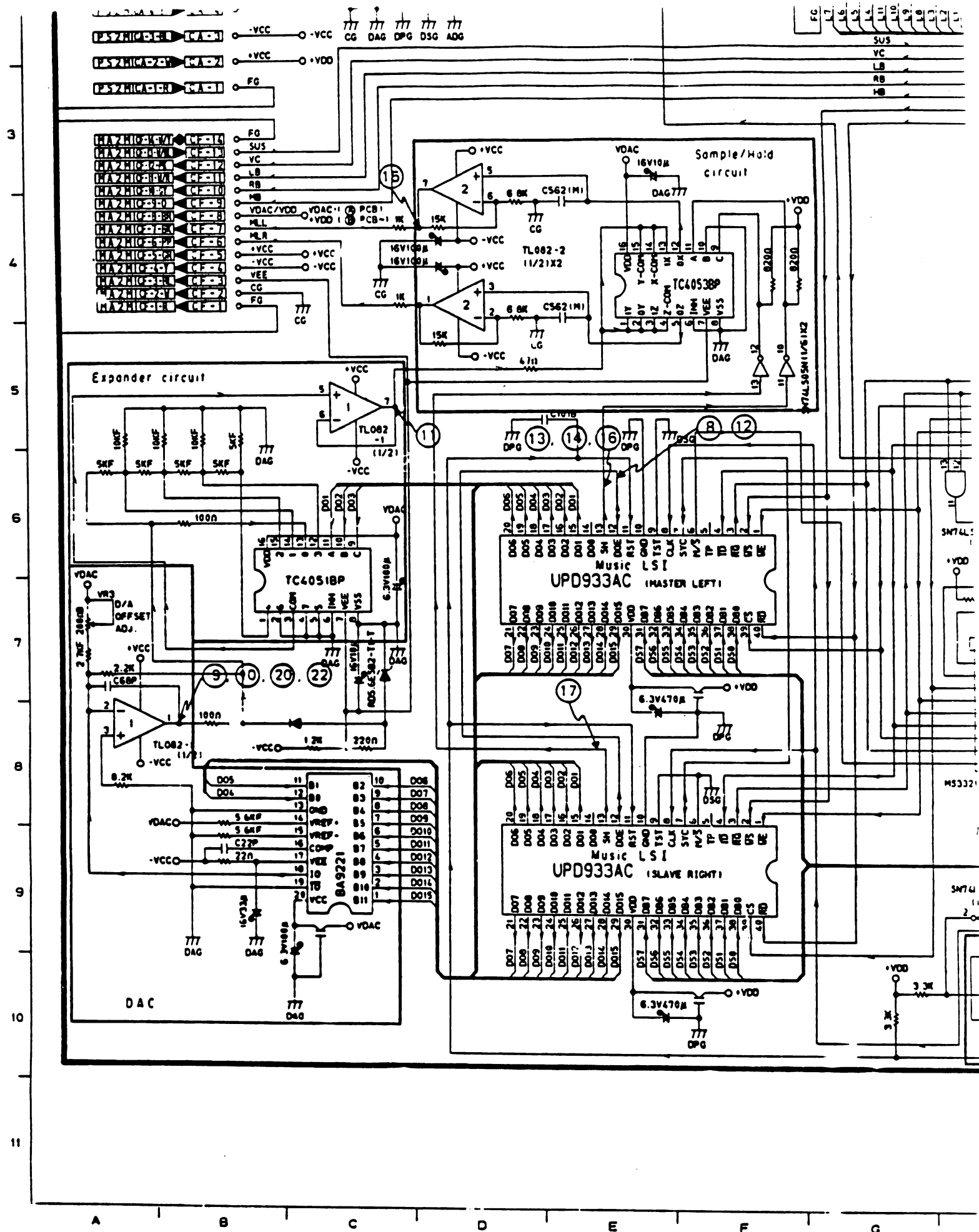


D E F C H I J

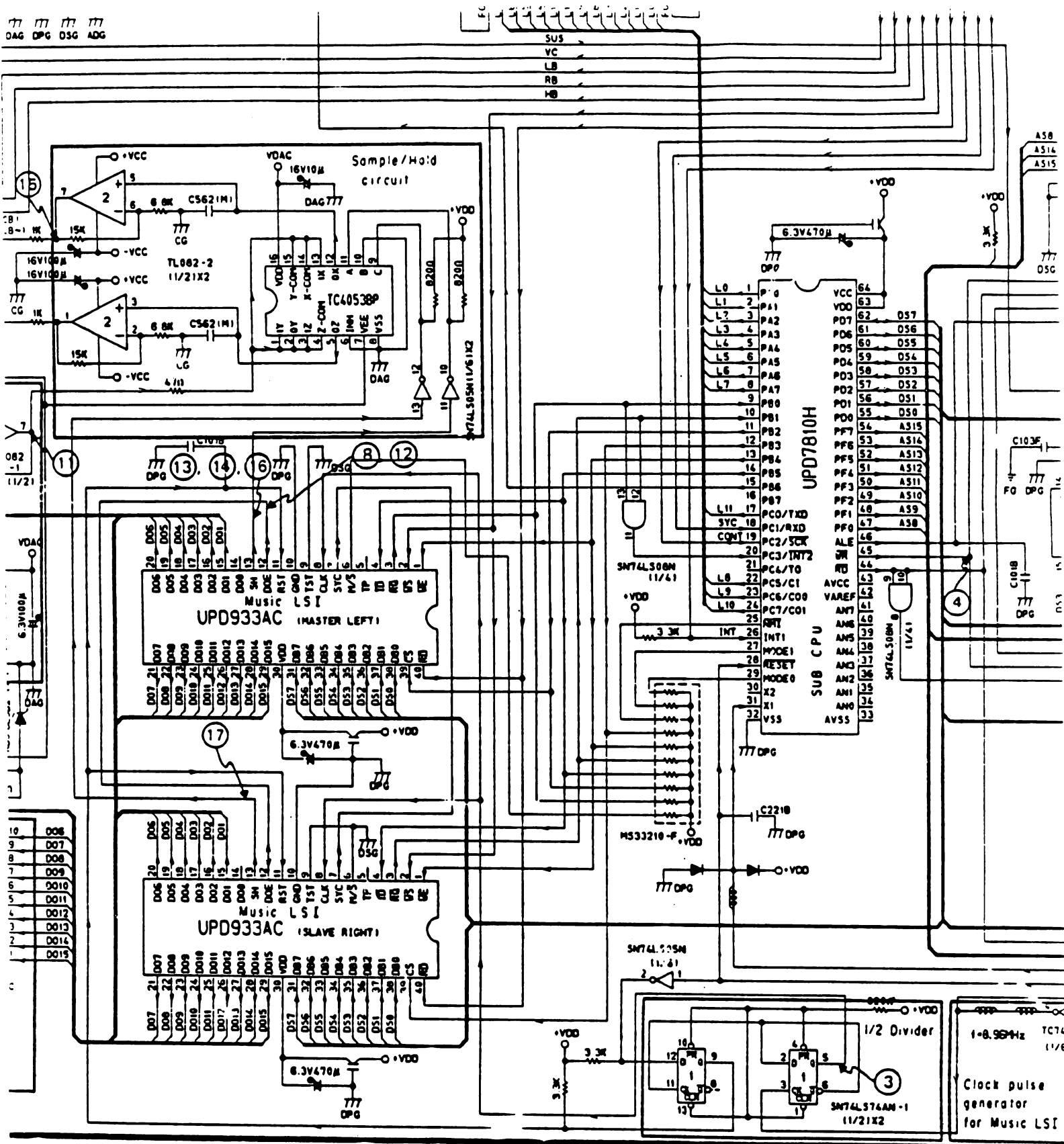


1-2. ^{CZ-1} Main PCB (B) M5154-MA1M





0AG 0PG 0SG 0DG



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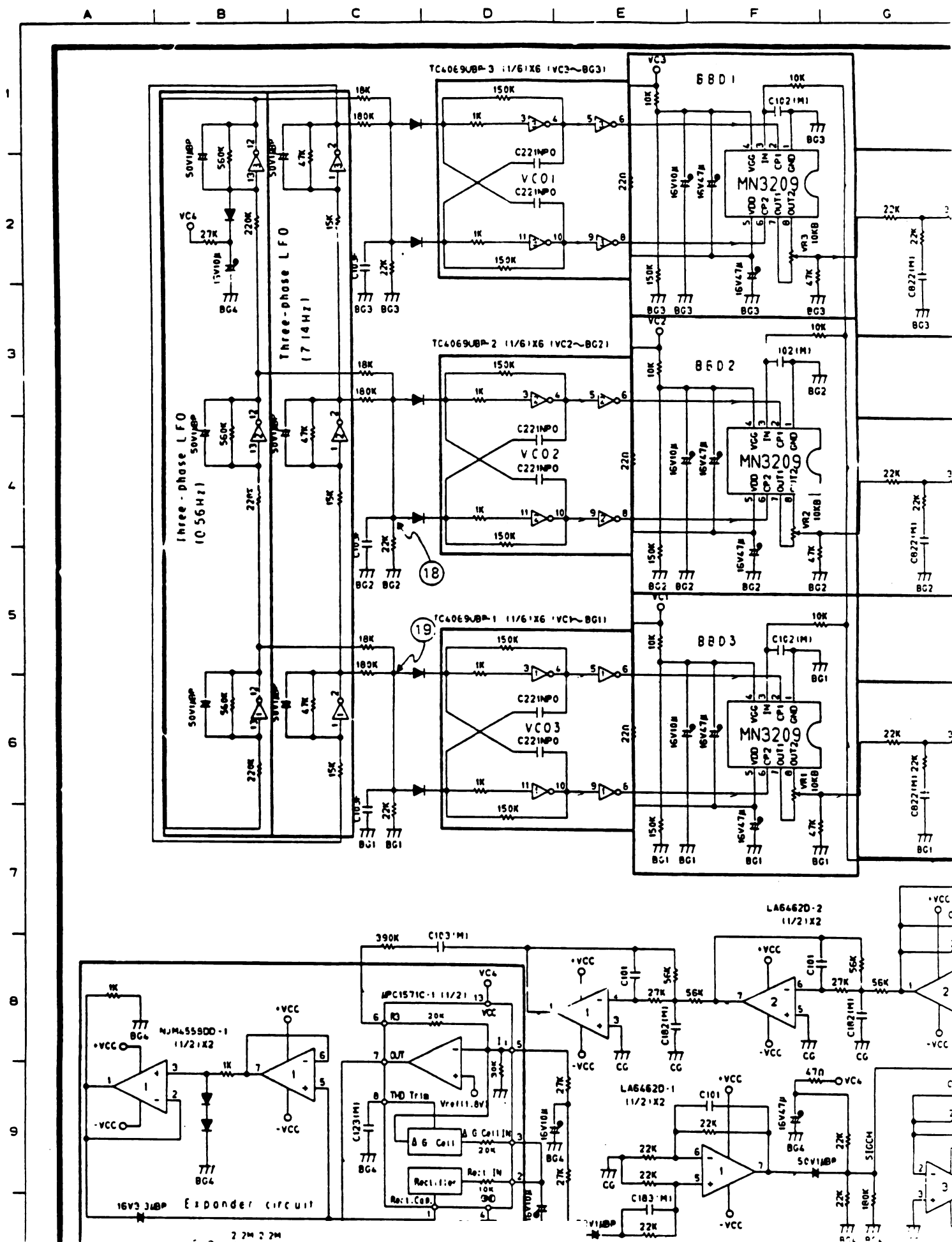
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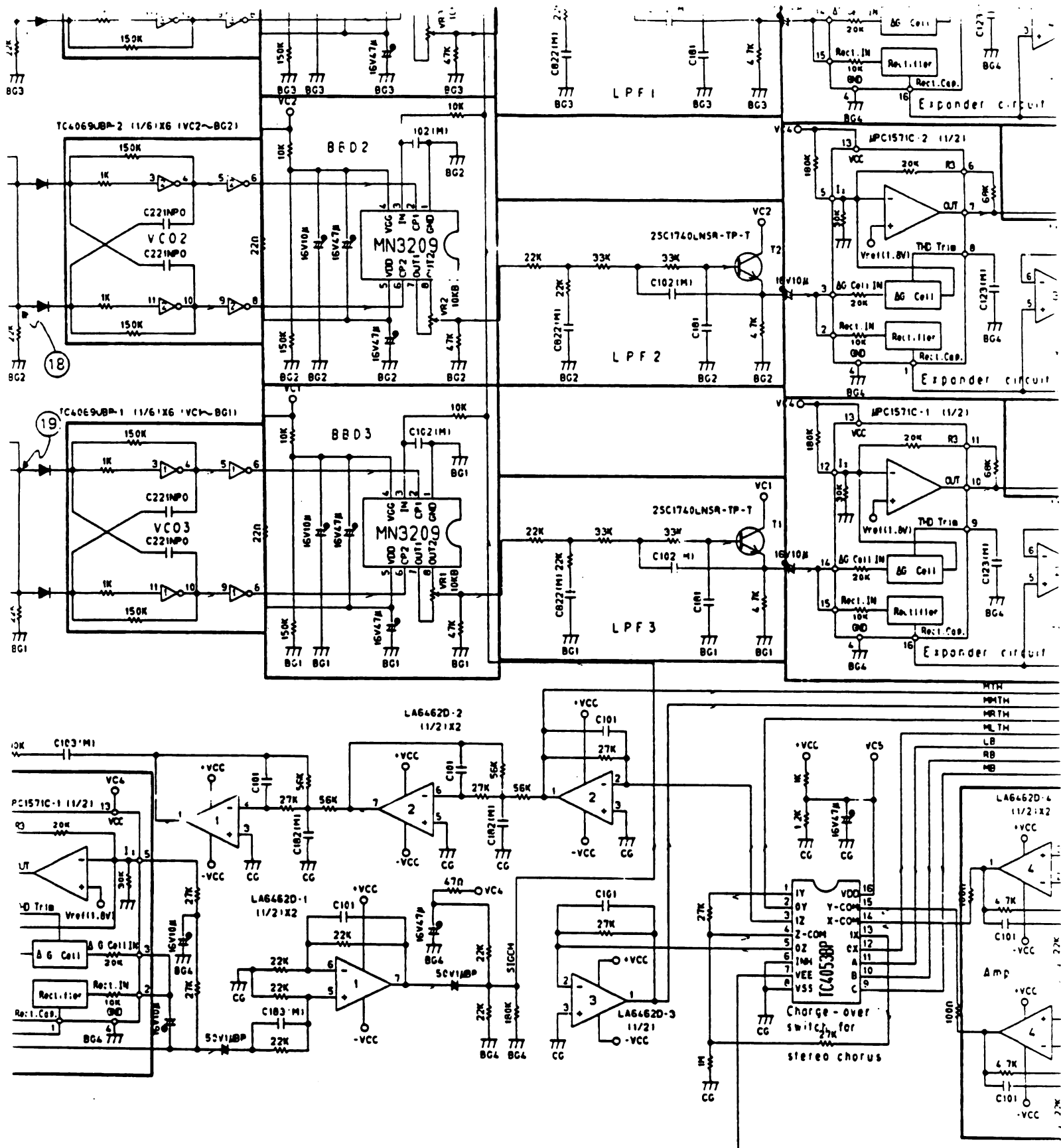
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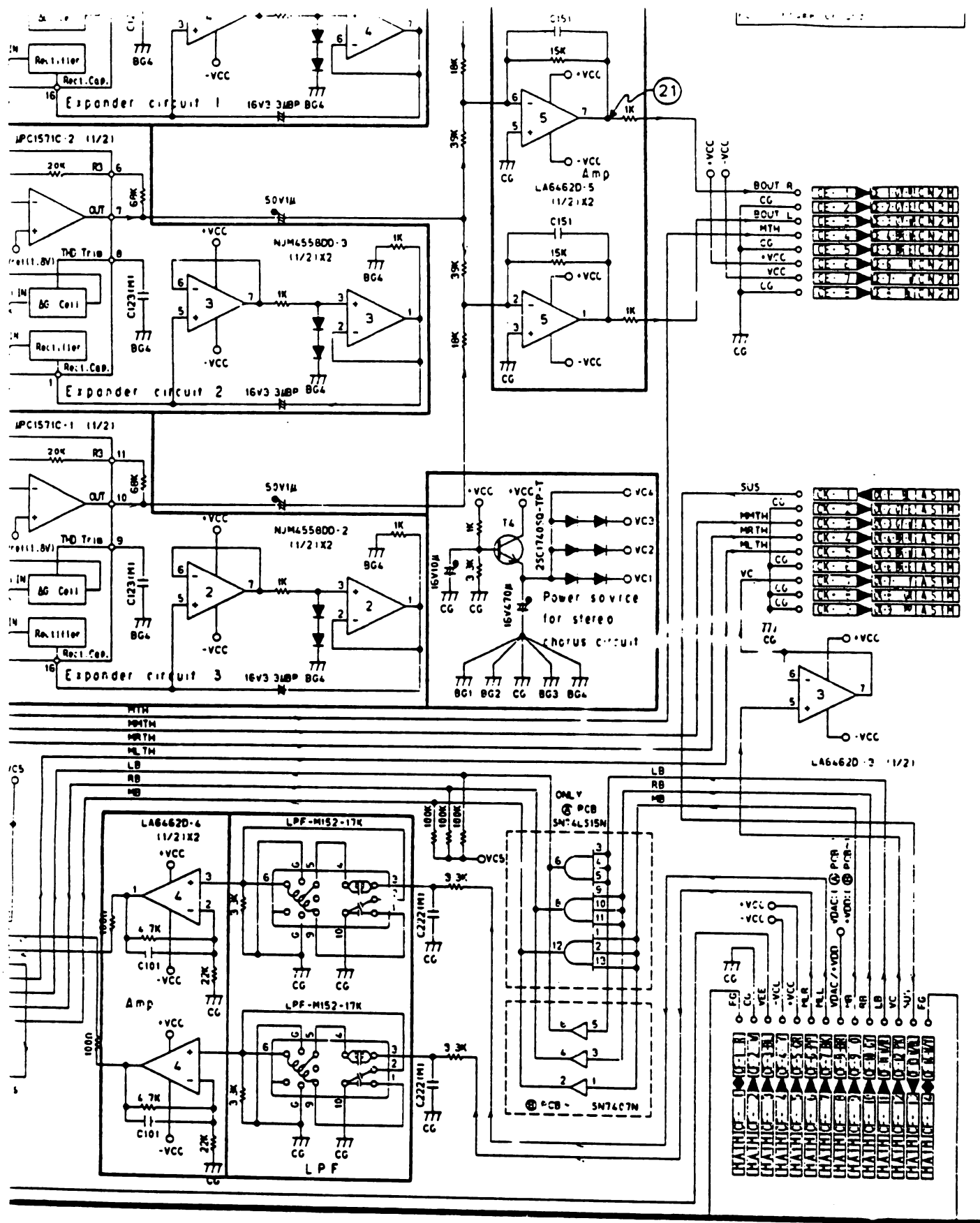
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E**F**

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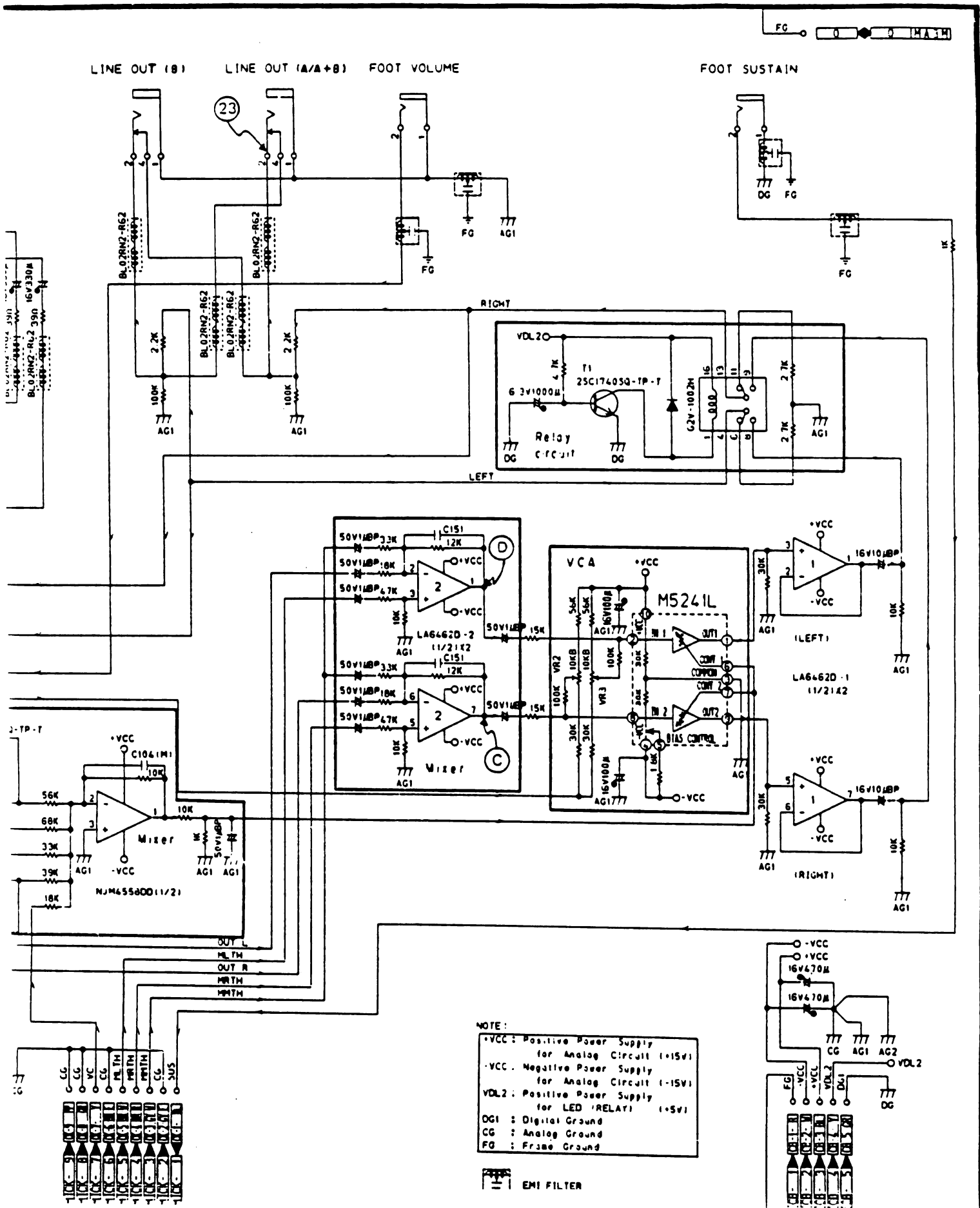
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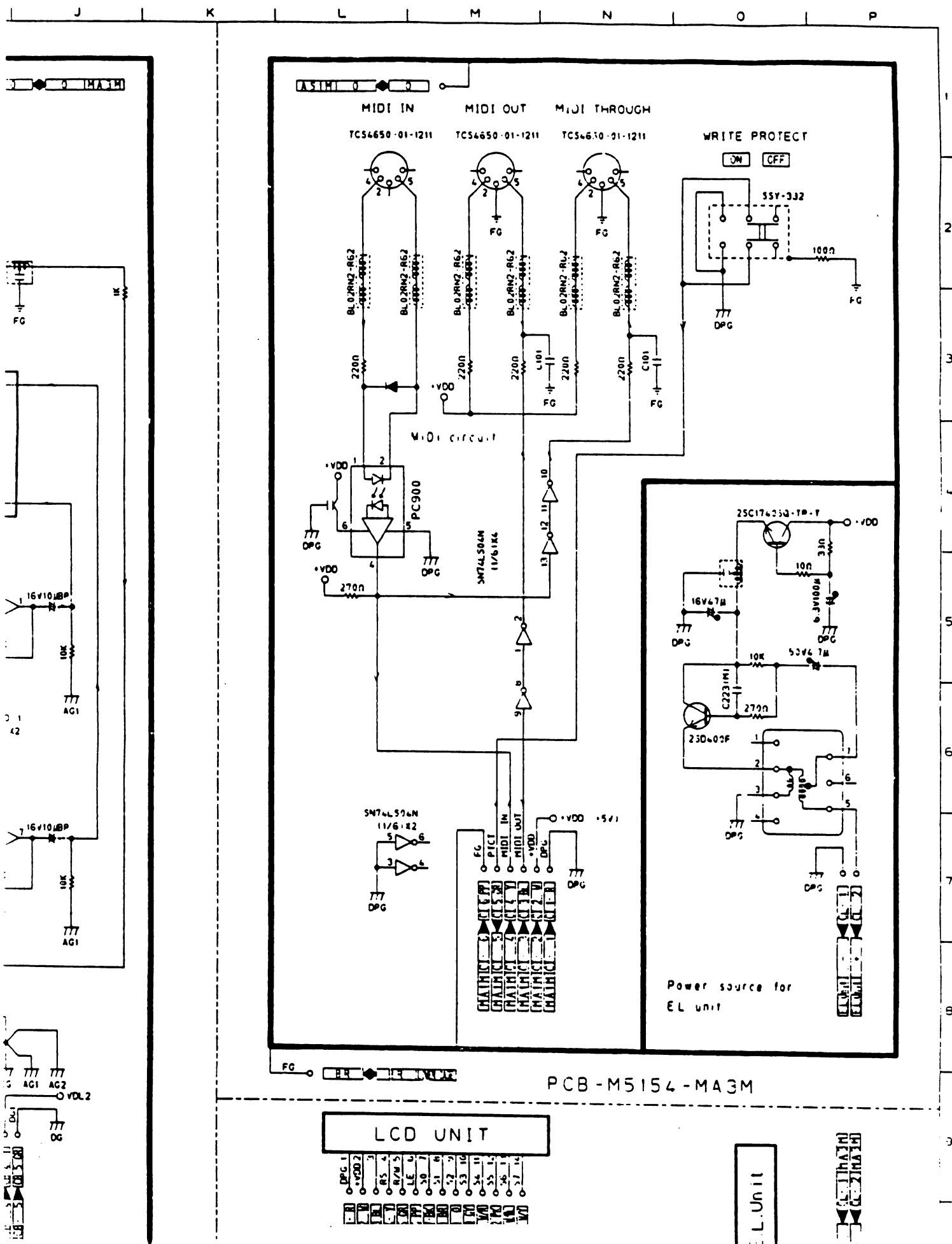
LINE OUT (B) LINE OUT (A/A+B) FOOT VOLUME

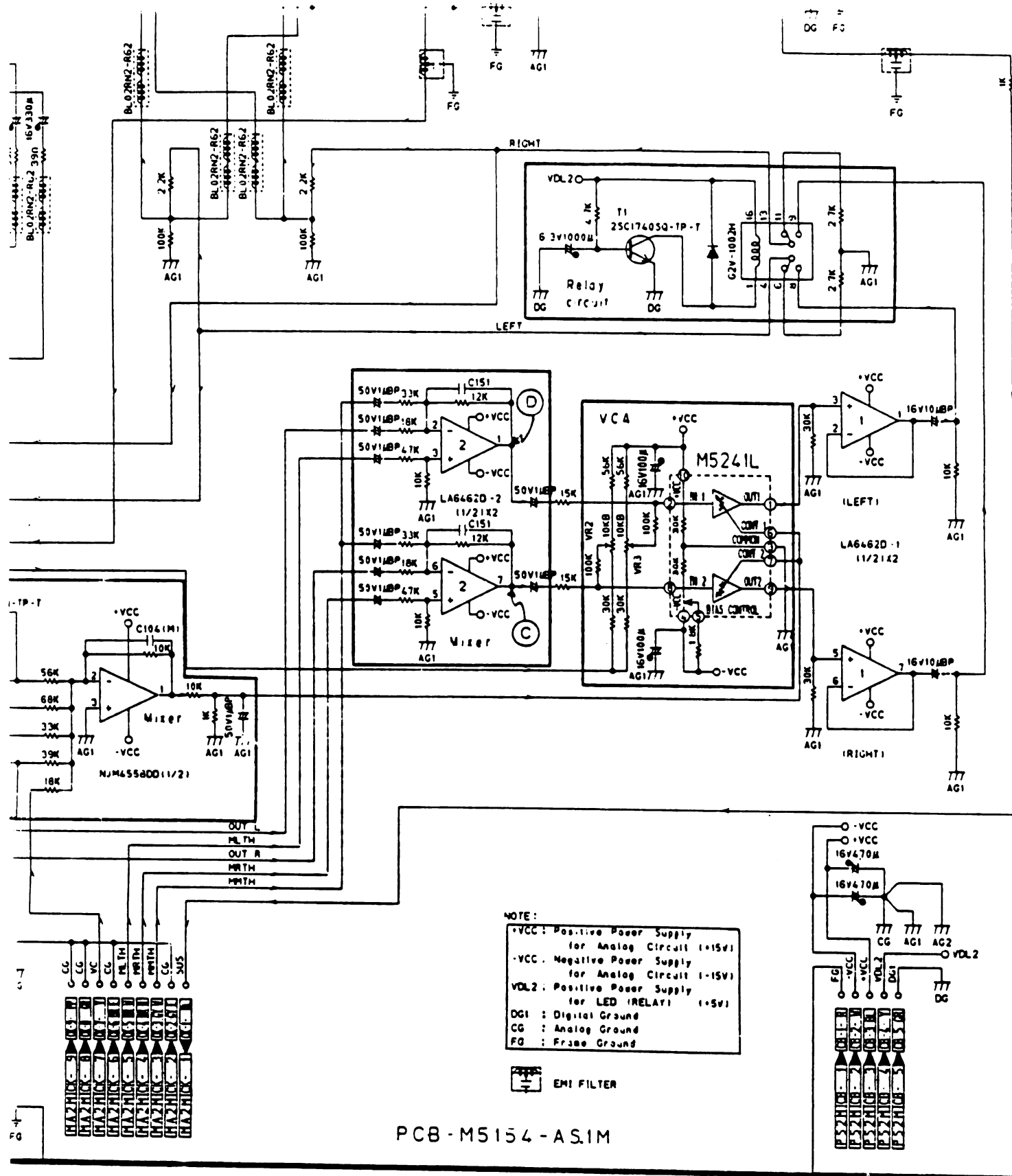
FOOT SUSTAIN



CZ-1

1-4. MIDI Control & Amp. Block PCB M5154-MA3M, AS1M





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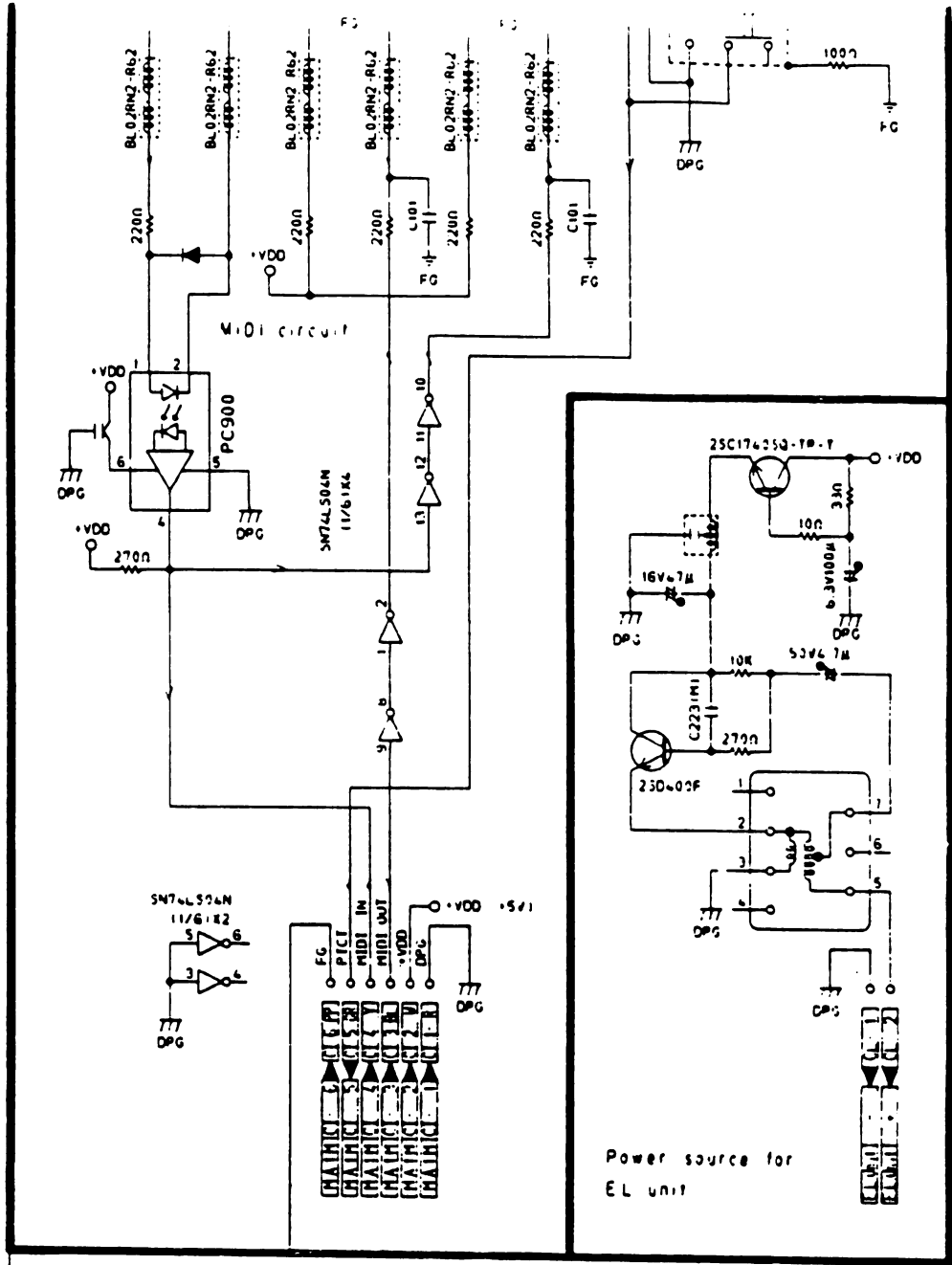
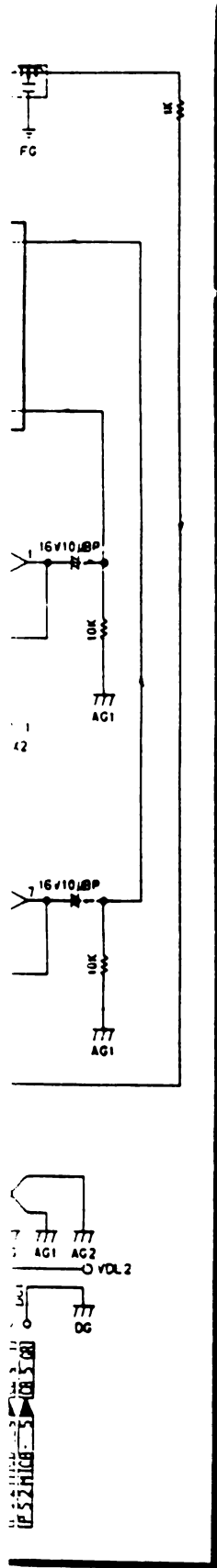
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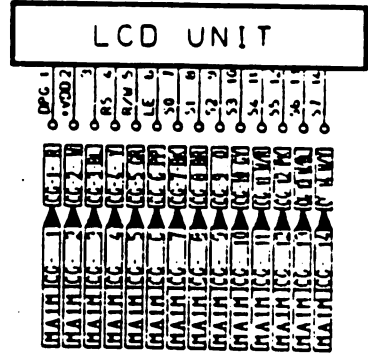
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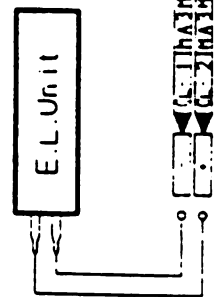
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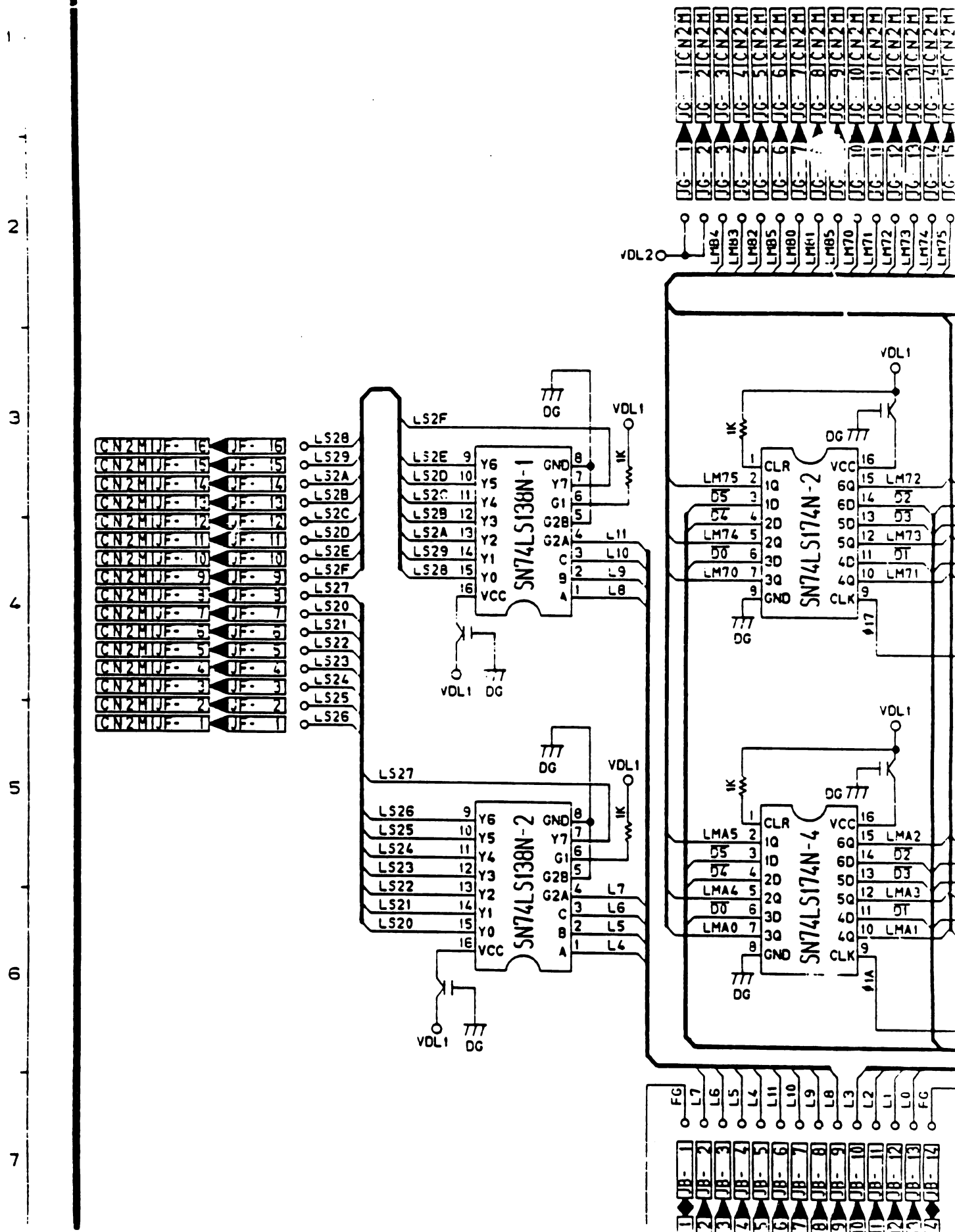
PCB-M5154-MA3M

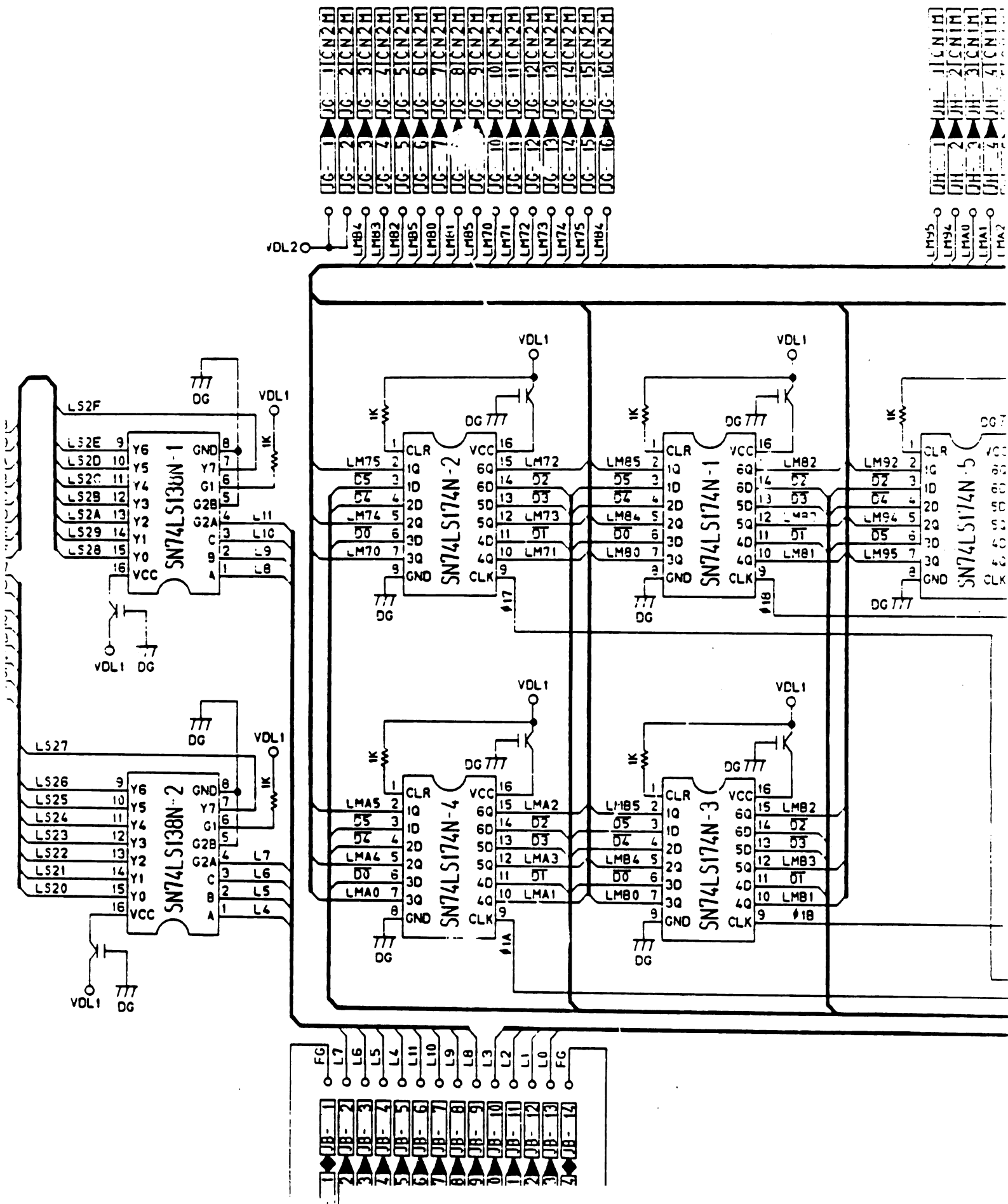


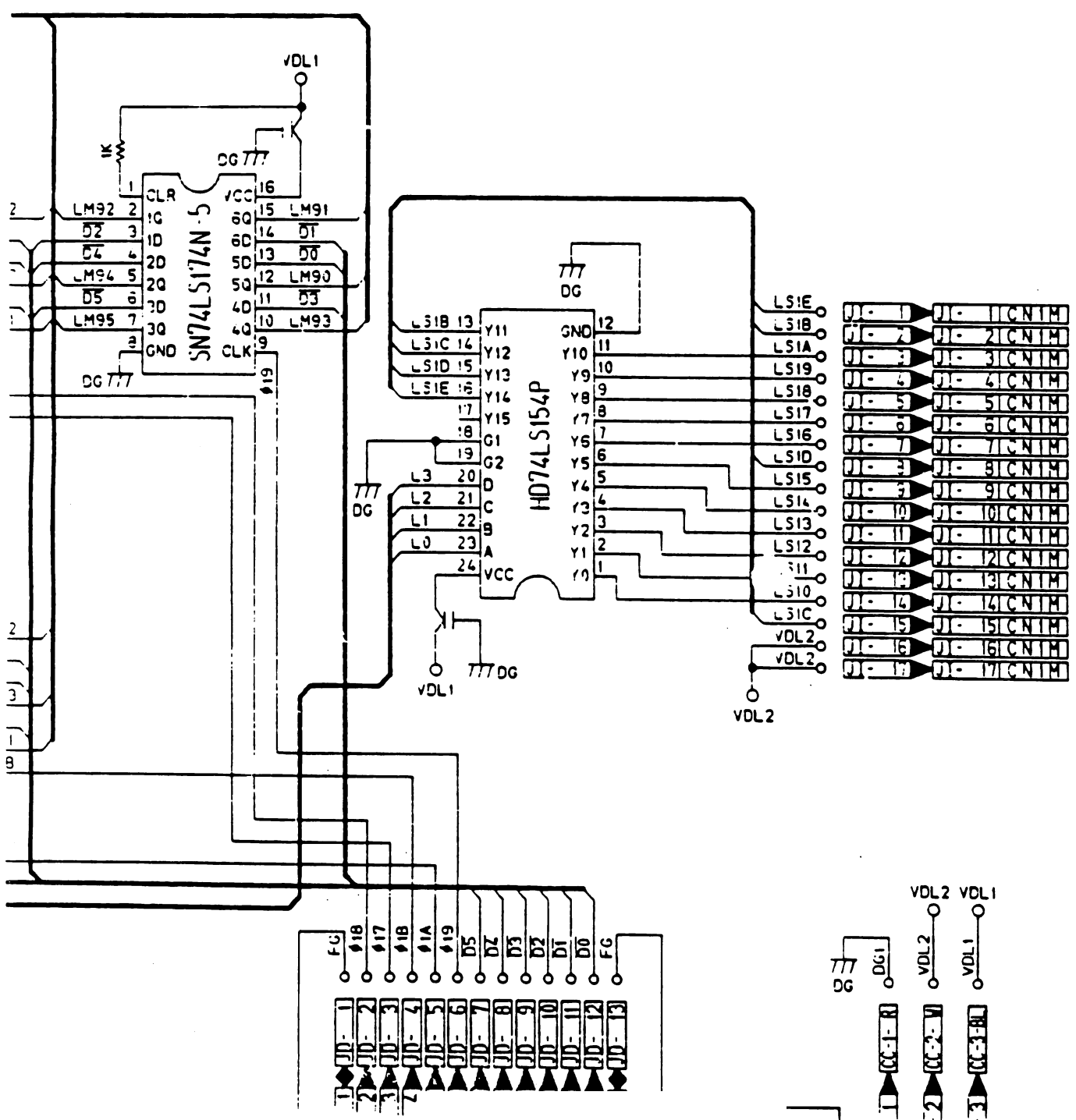
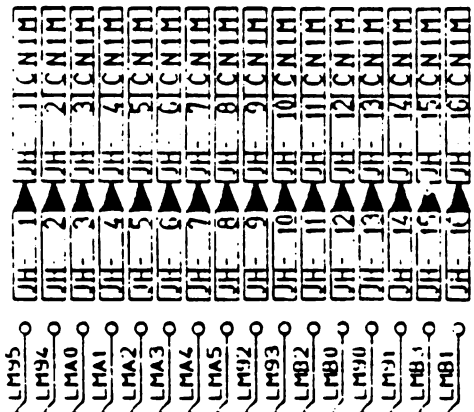
LCD UNIT



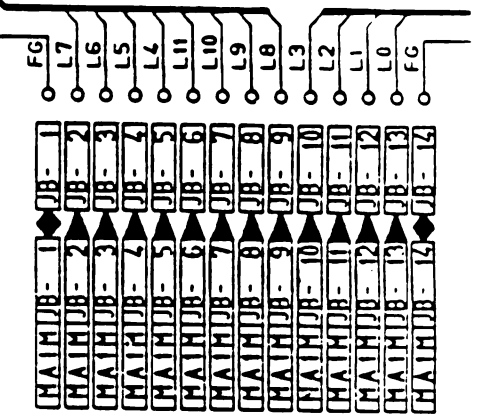
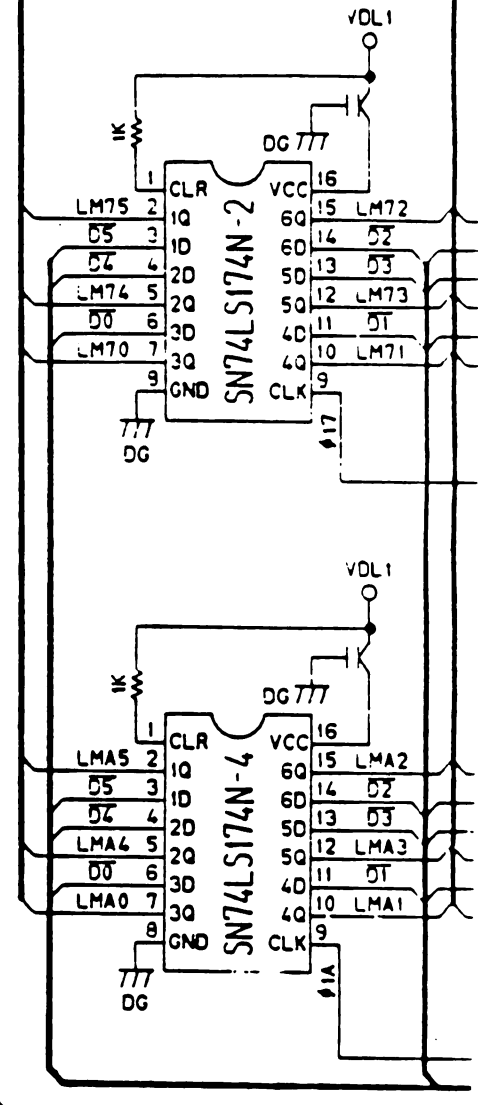
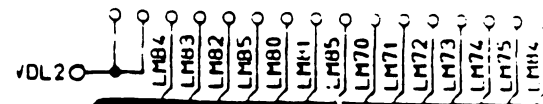
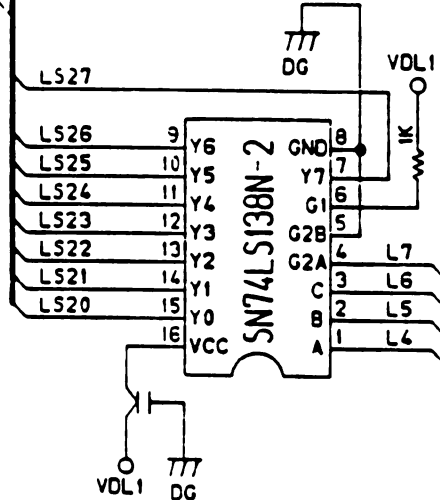
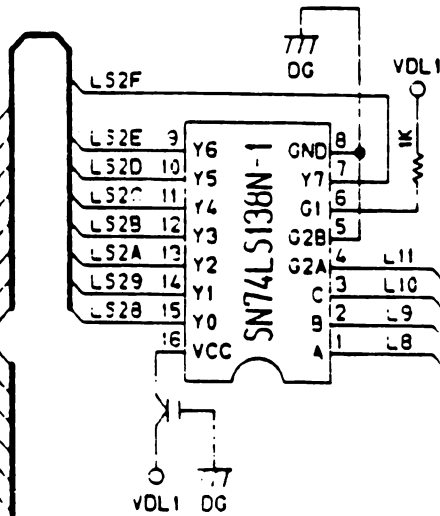
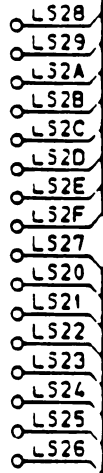
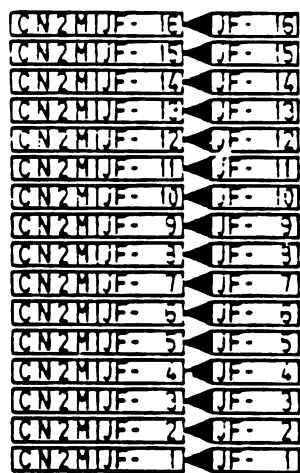
E.L. Unit







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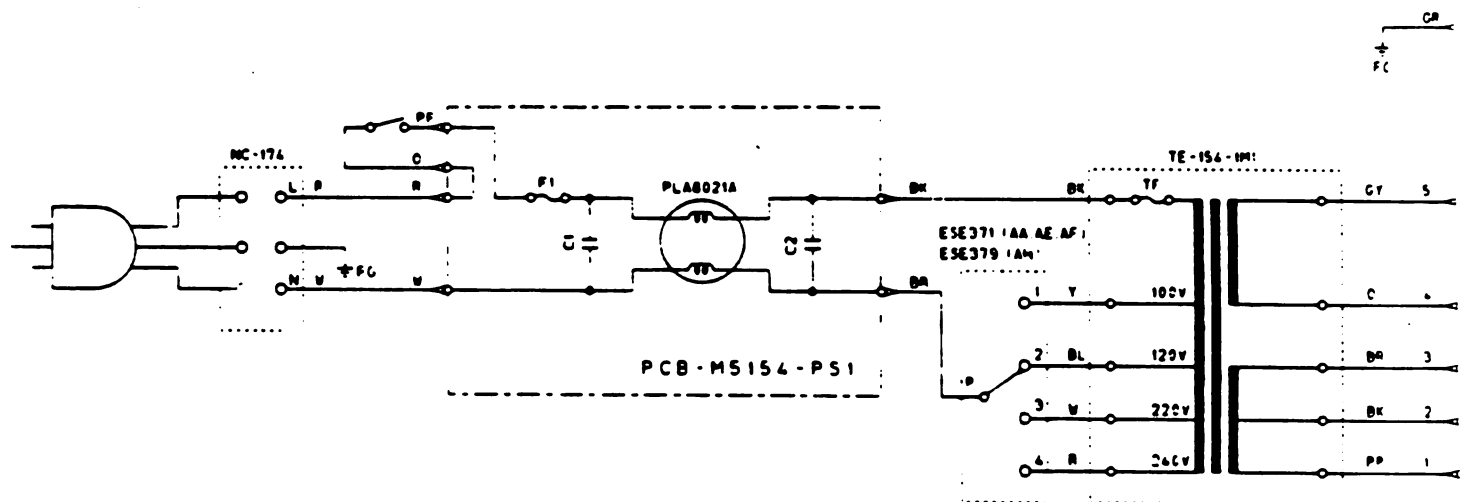
PCB-M5154-MA4M



FUSE

AA	
USA universal type	
F1	MTL 1A 250V
F2	UL TSC 2A 125V
F3	UL TSC 0.5A 125V
F4	UL TSC 0.5A 125V
C1	CA
C2	CA

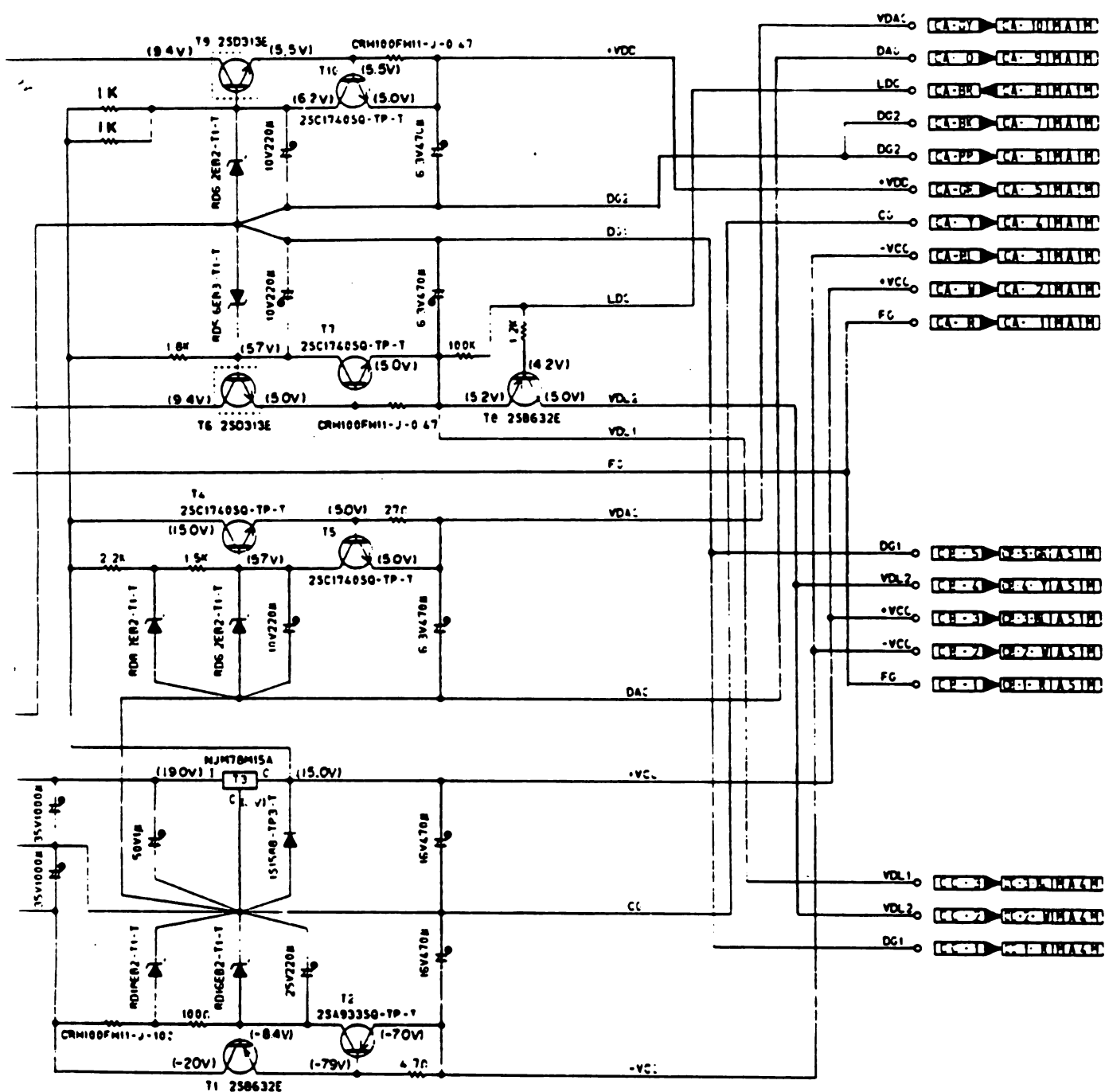
(NOTE) CA : DE7150FZ103PVA1



NOTE:

- +VCC: Positive Power Supply for Analog Circuit 1-15V
- VCC: Negative Power Supply for Analog Circuit 1-15V
- +VDD: Positive Power Supply for Digital Circuit 1-5V
- VDL1: Positive Power Supply for LED Driver 1-5V
- VDL2: Positive Power Supply for LED 1-5V
- VDAC: Positive Power Supply for D/A Converter 1-5V
- DAC: D/A Converter Ground
- DG1: Digital Ground 1
- DG2: Digital Ground 2
- CG: Analog Ground
- FG: Frame Ground

1-6. Power Supply Circuit PCB M5154-PS1, PS2M

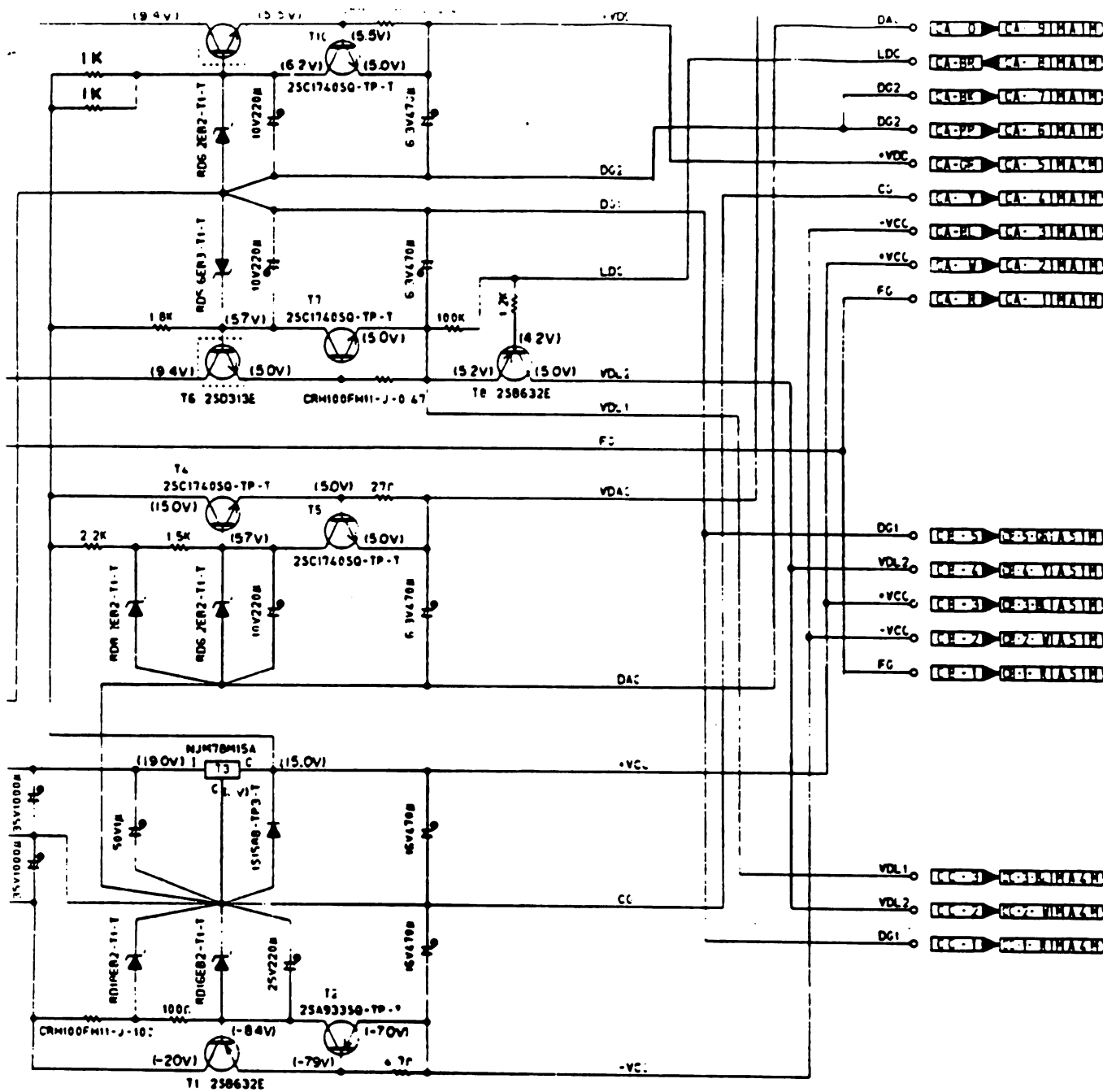


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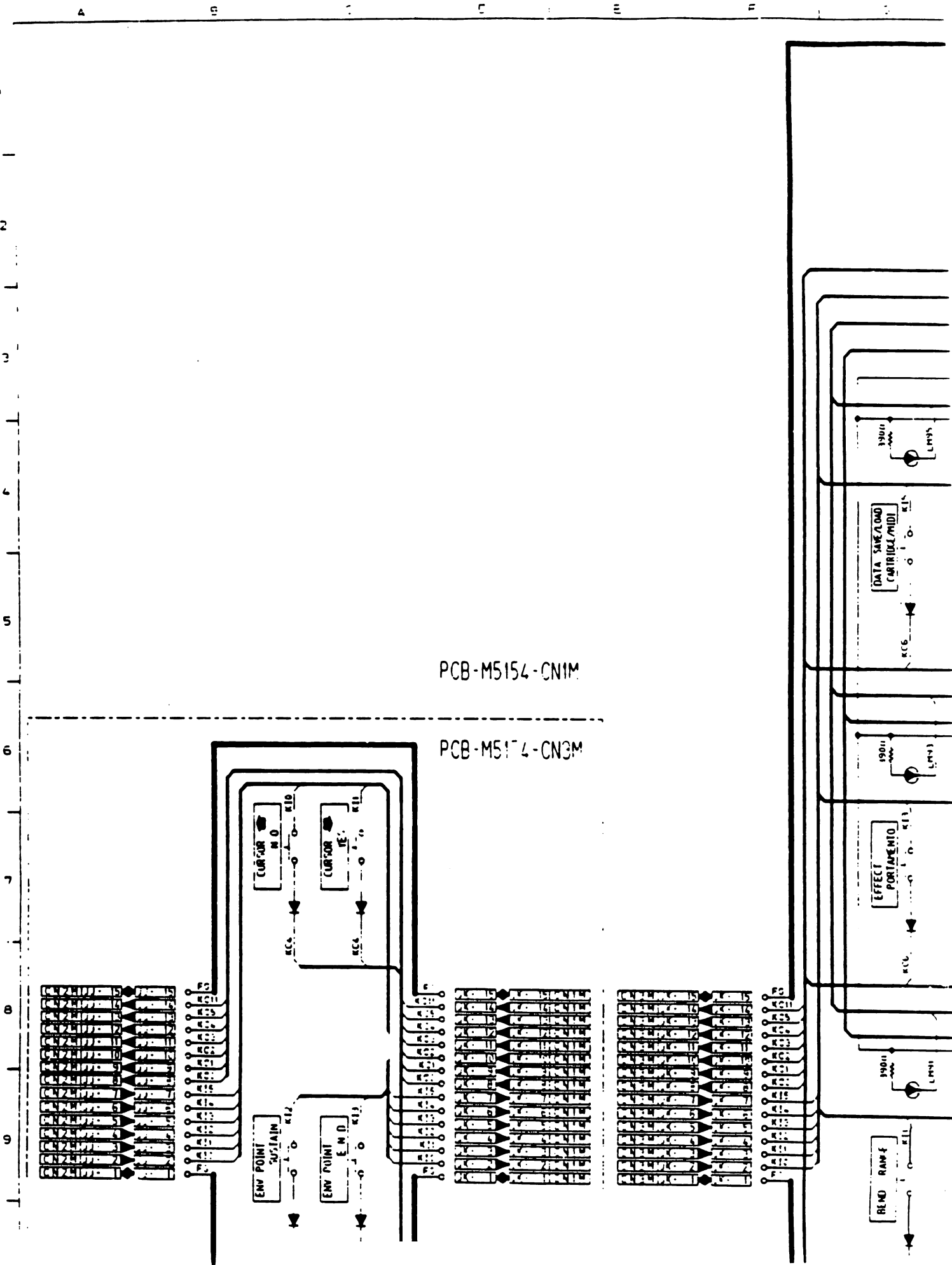
INOTE, CA: DE7150FZ103VAI



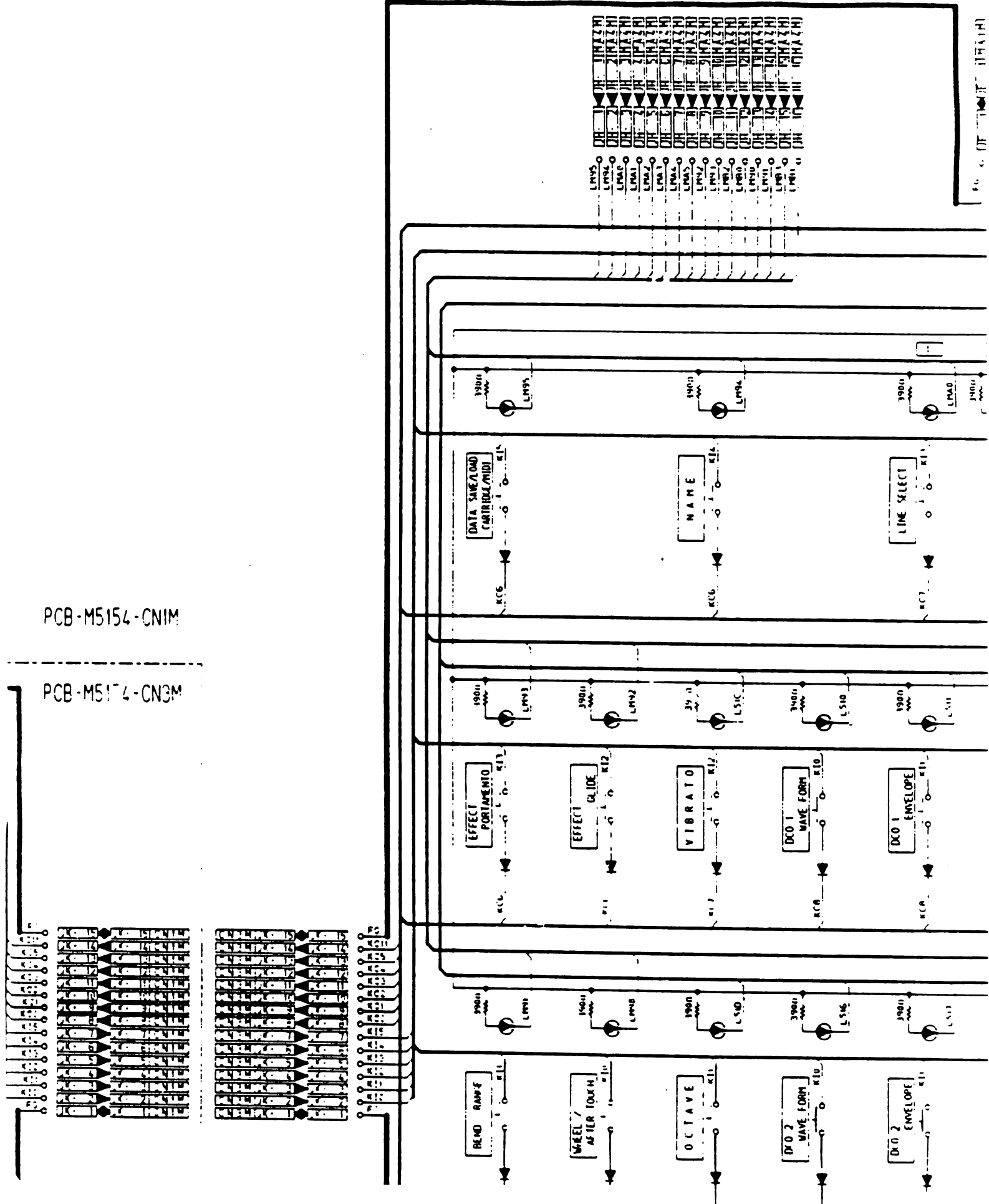
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1-7. Panel Block PCB (A) M5154-CN1M, CN3M CZ-1



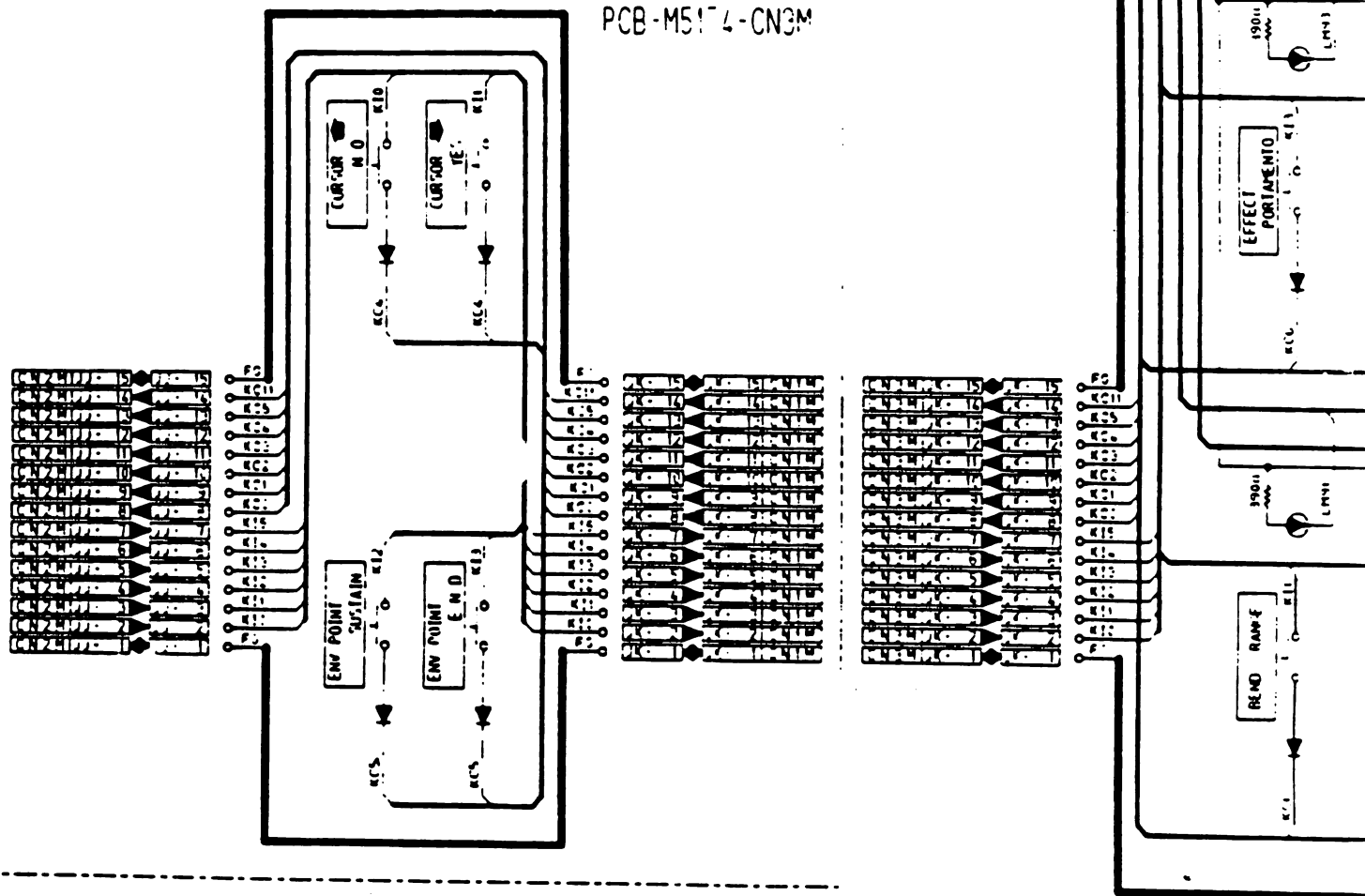
PCB-M5174-CN3M



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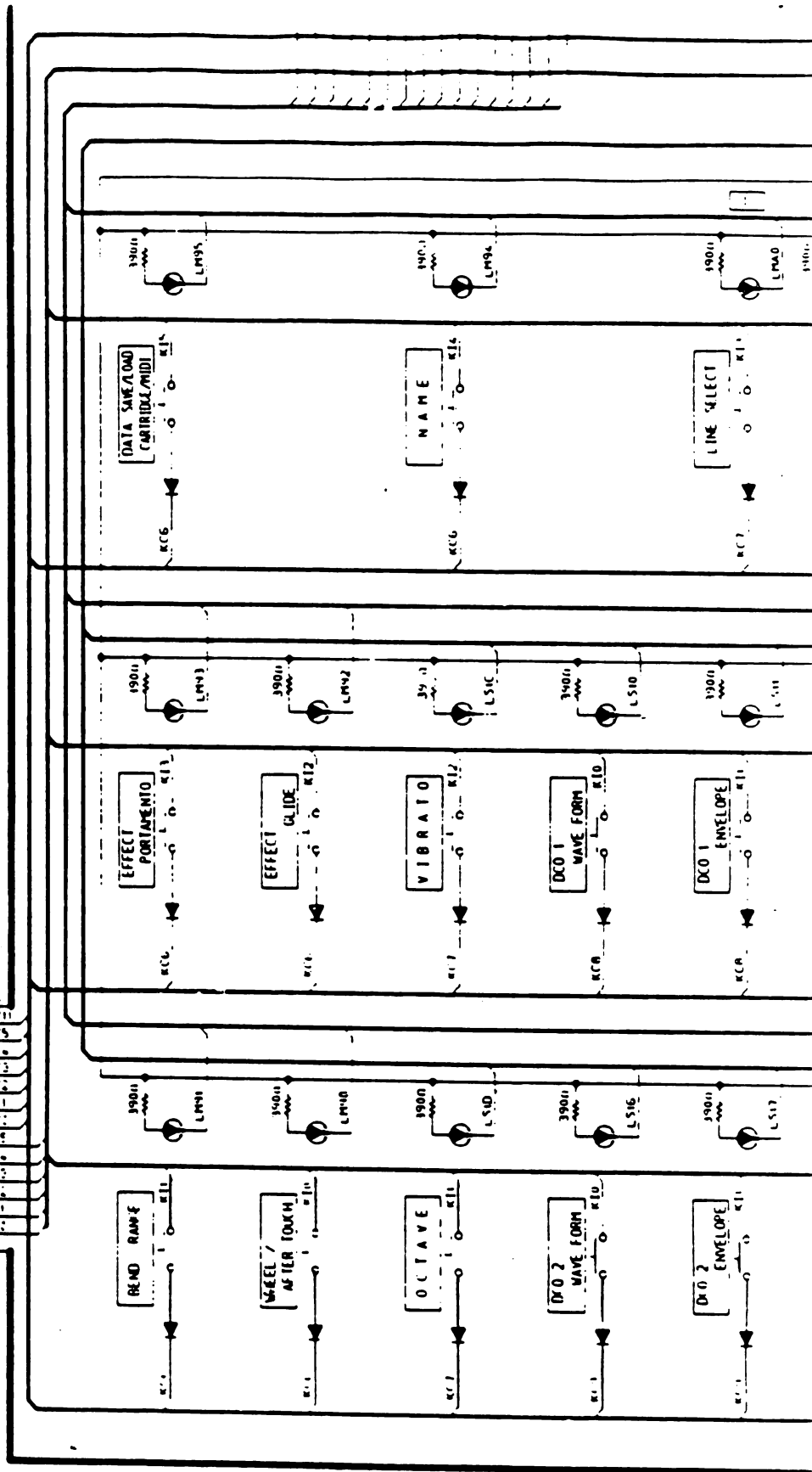
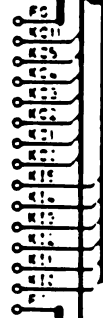
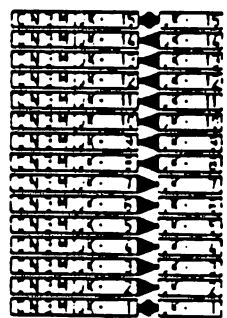
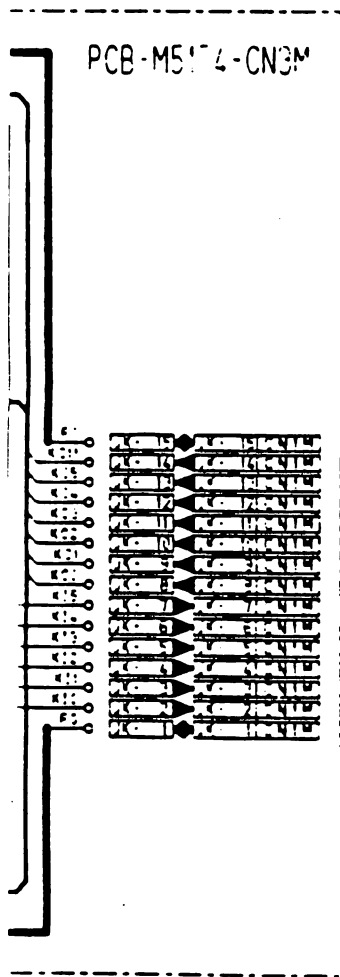
PCB-M5154-CN1M

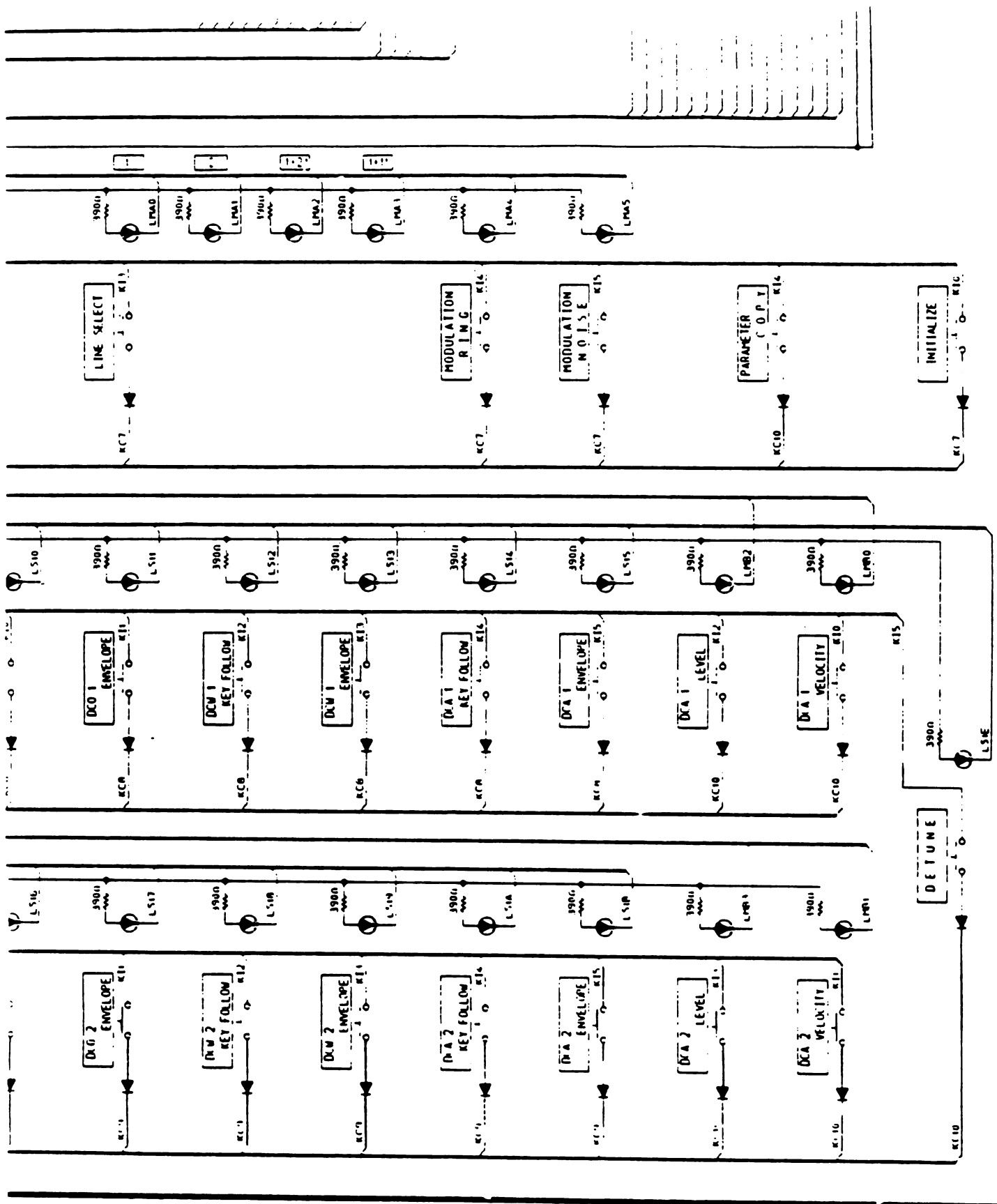
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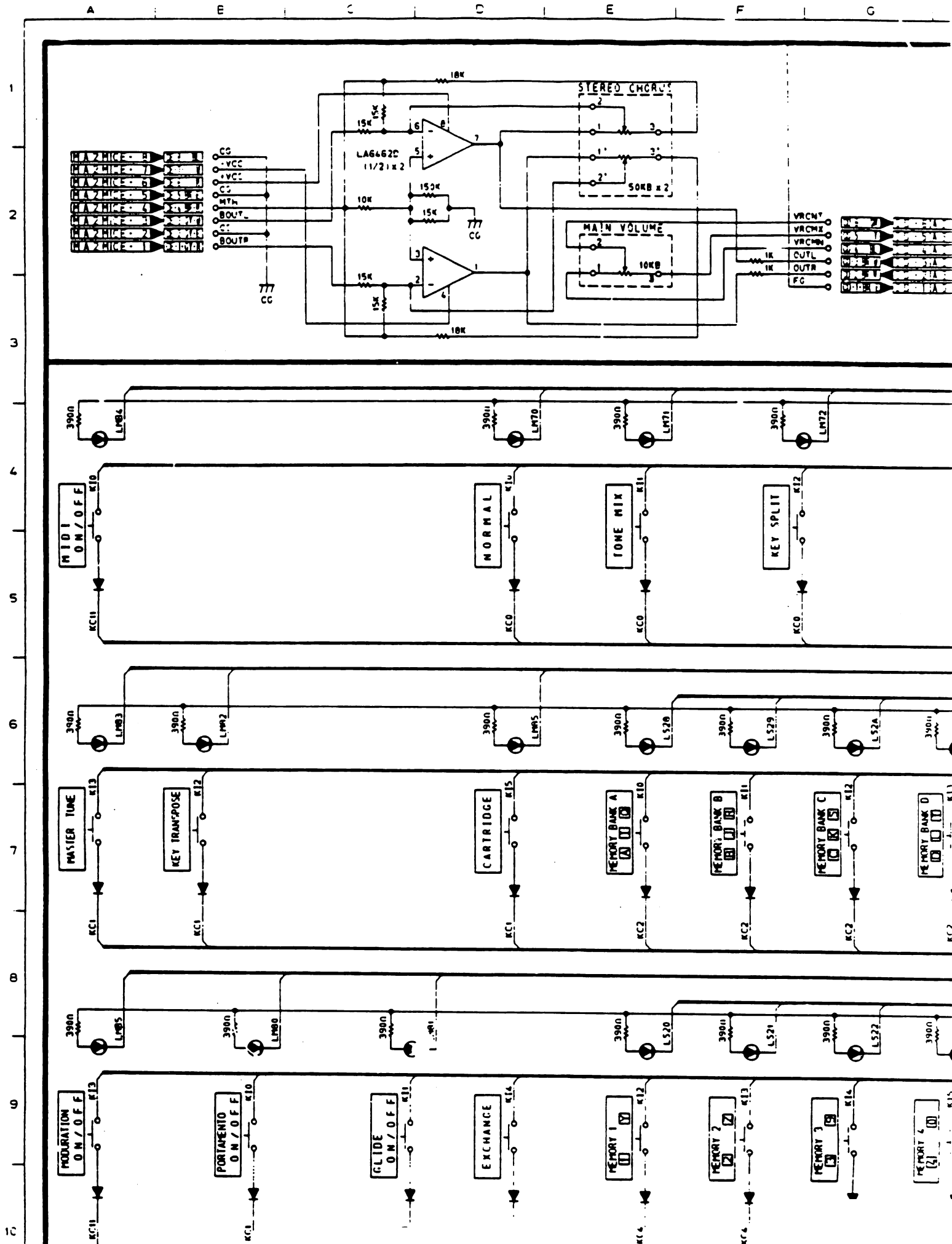


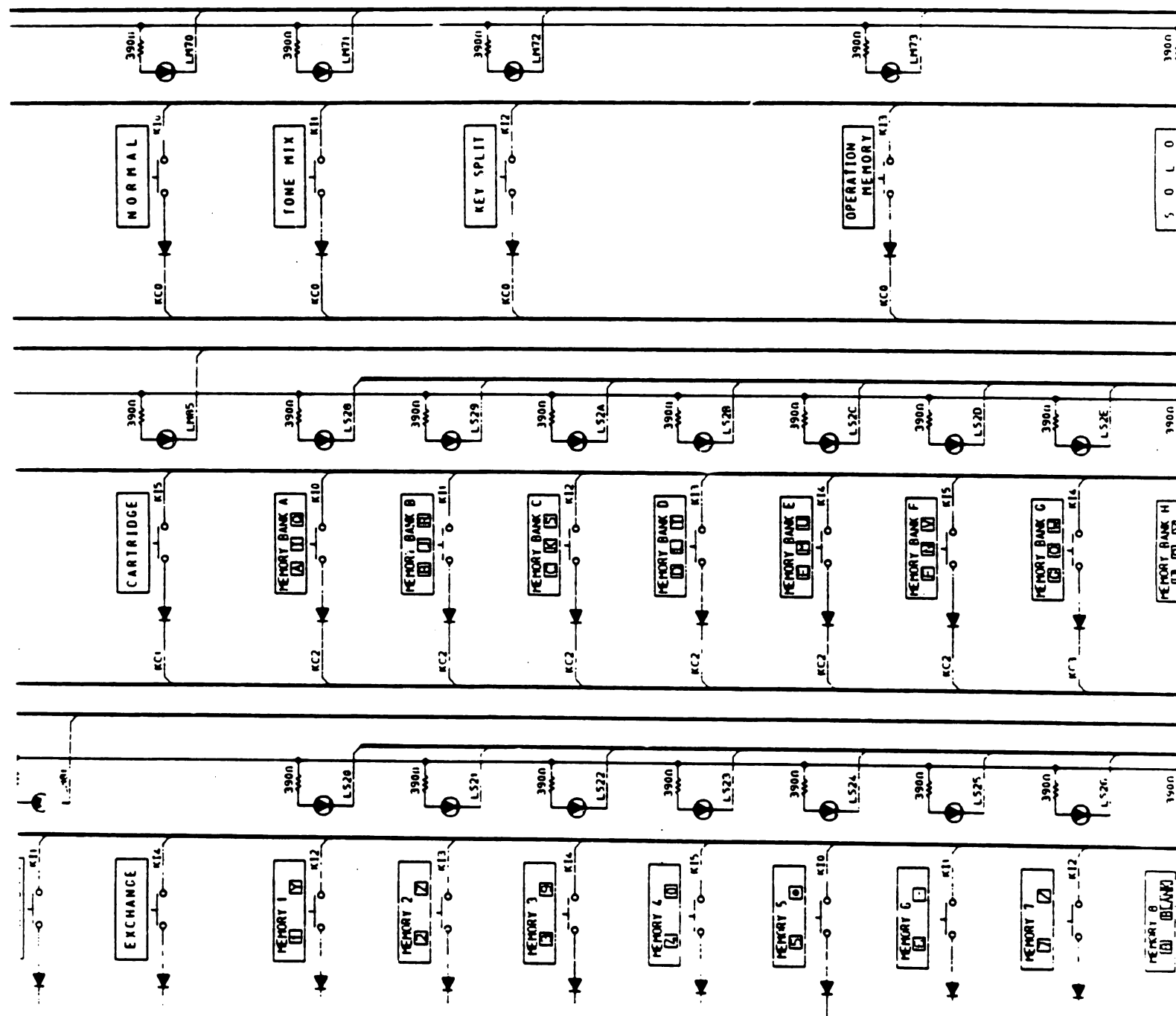
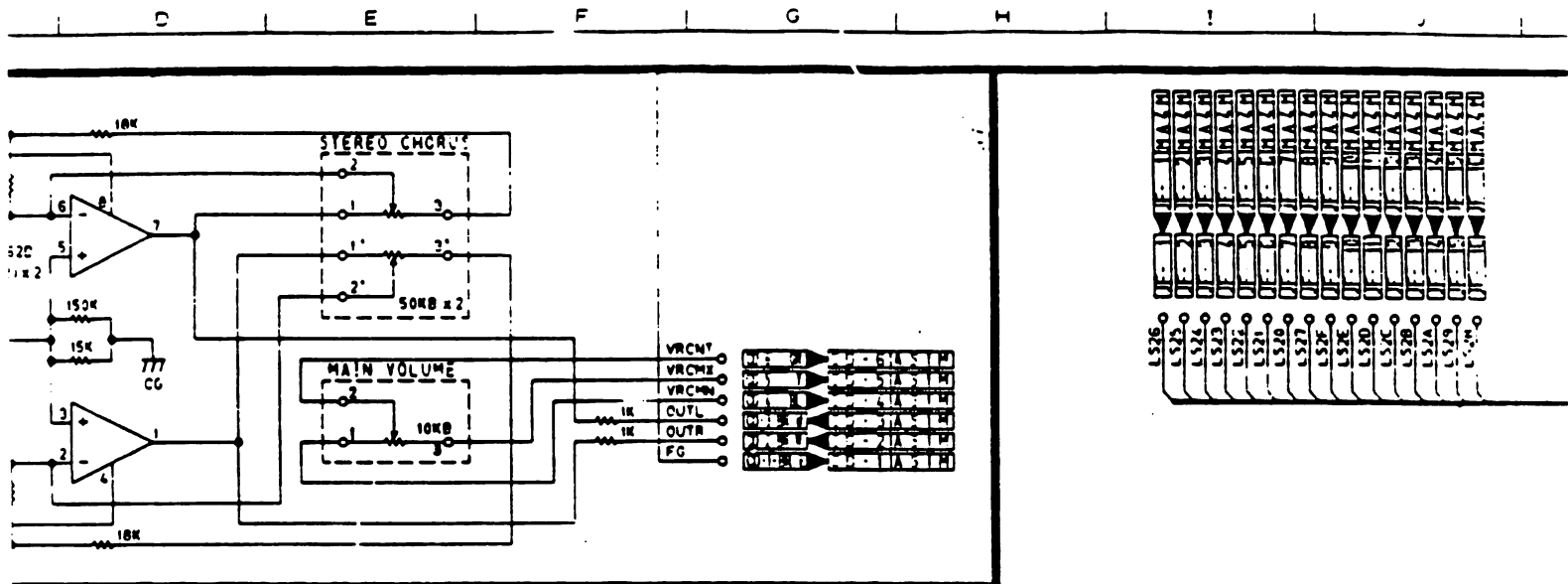
PCB-M5154-CN1M

PCB-M5174-CN3M

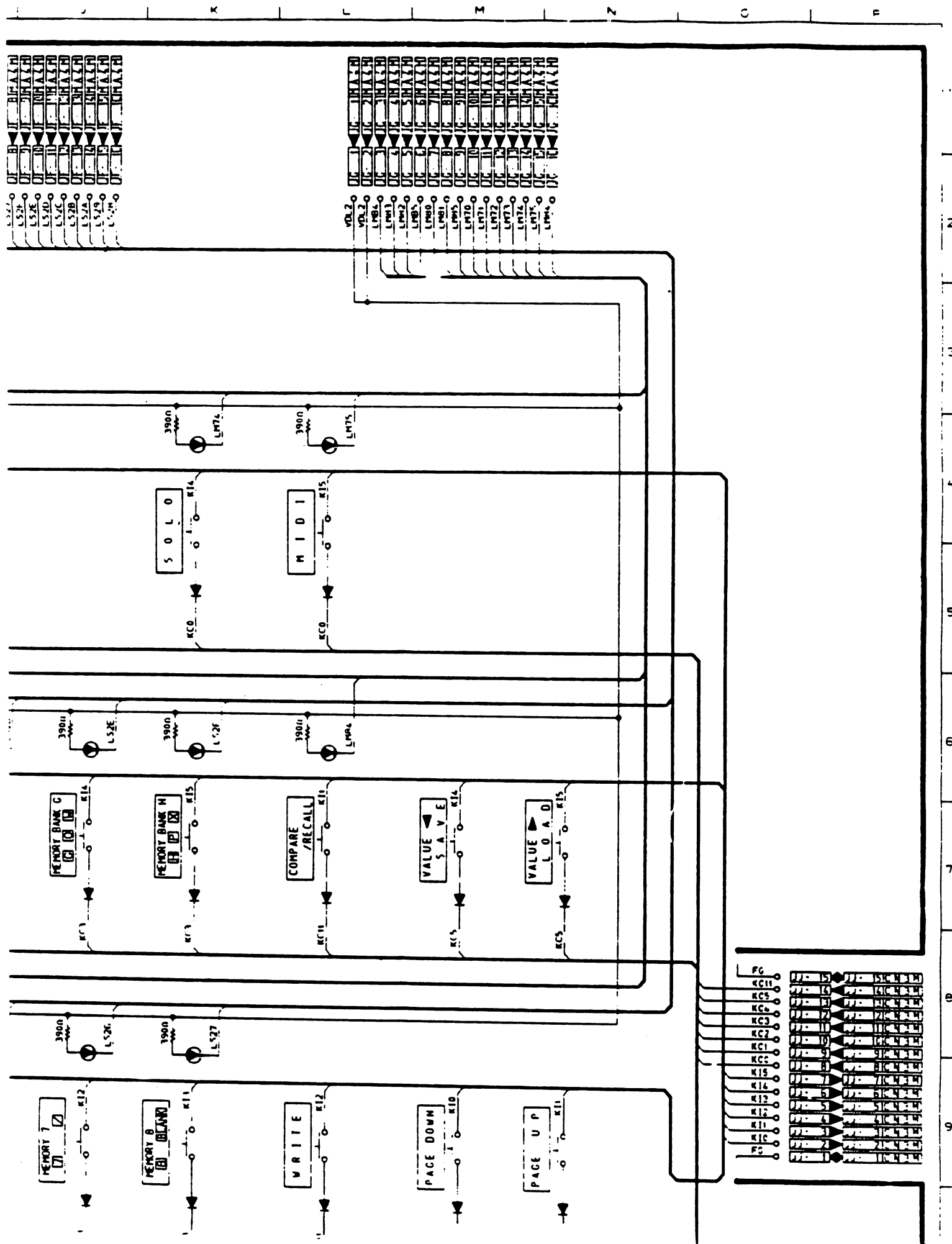




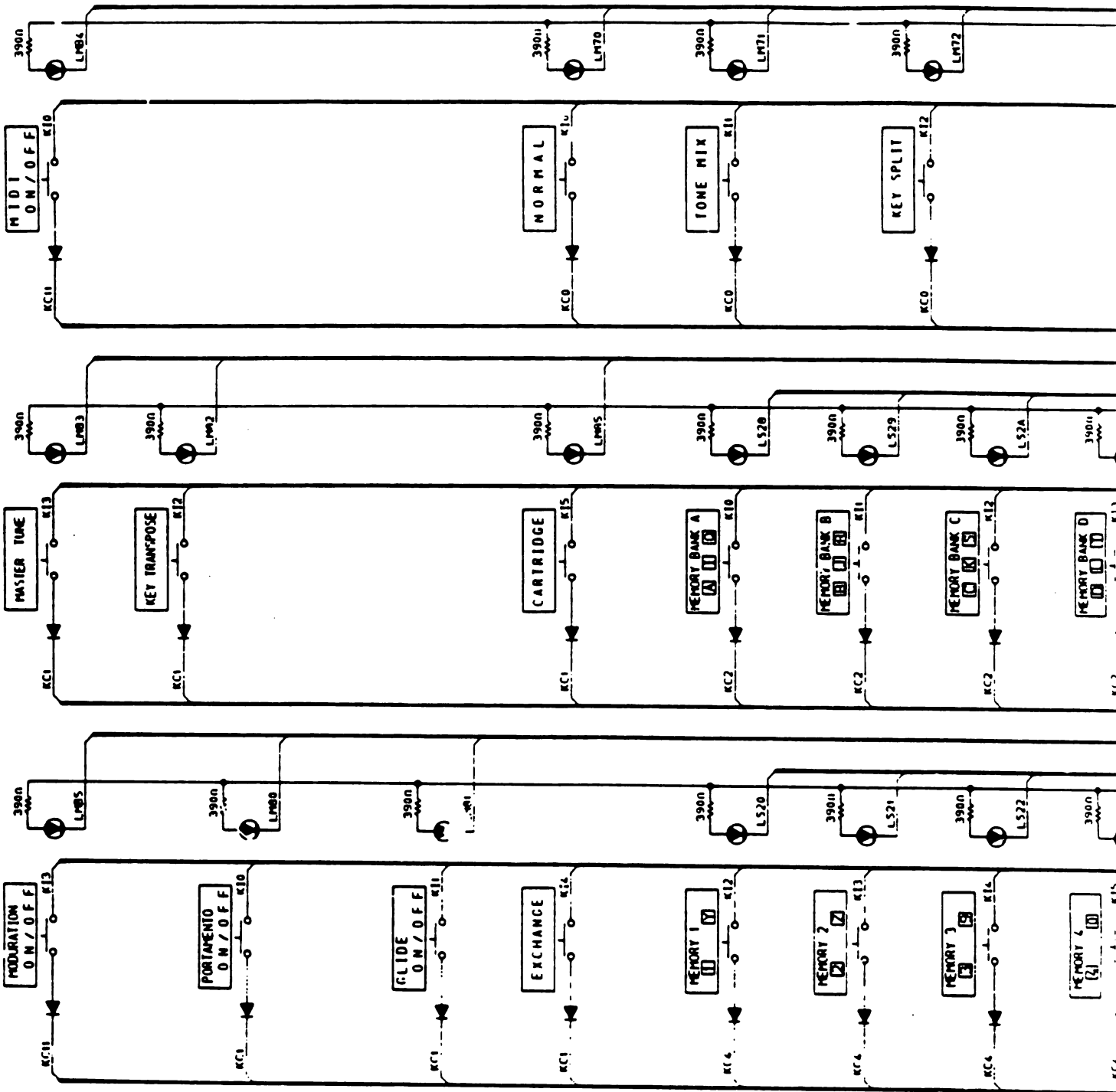
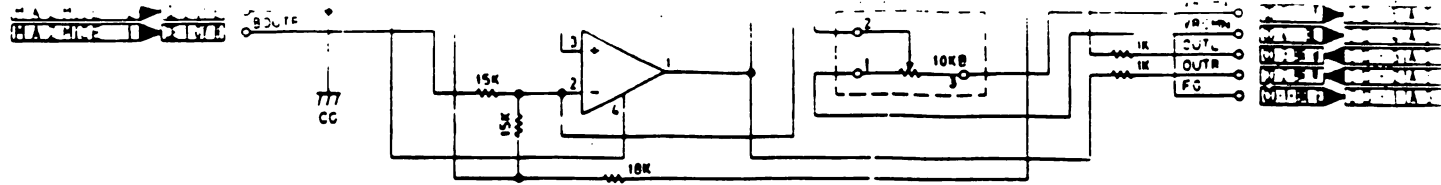


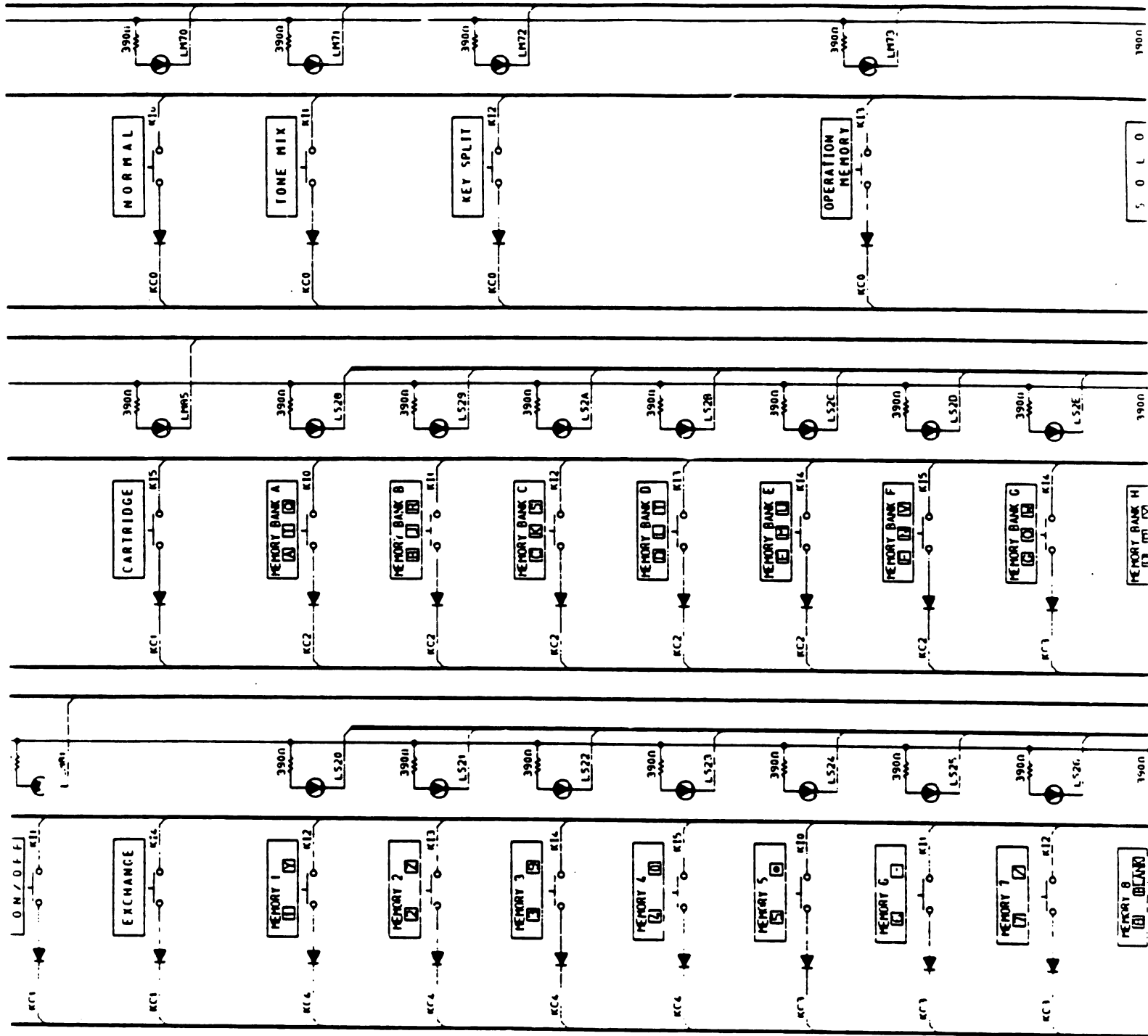
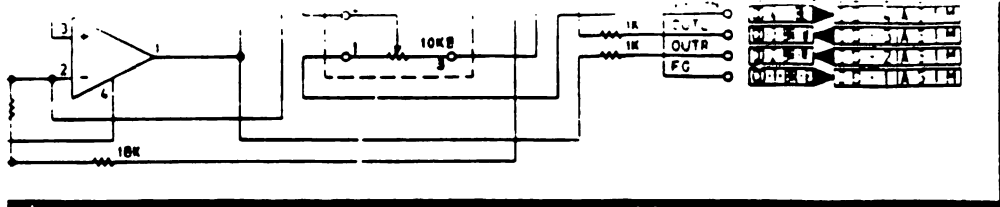


1-8. Panel Block PCB (B) M5154-CN2M CZ-i



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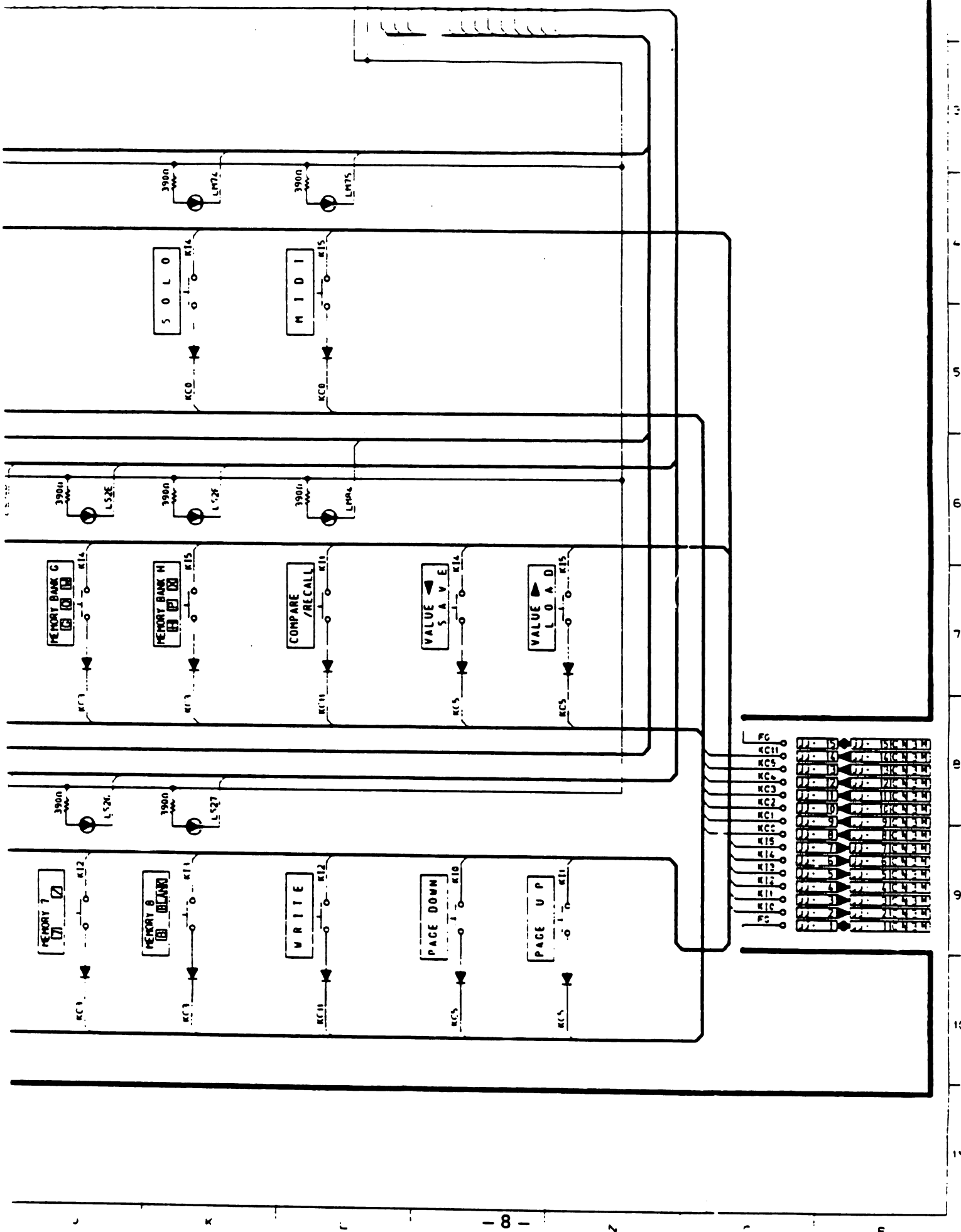
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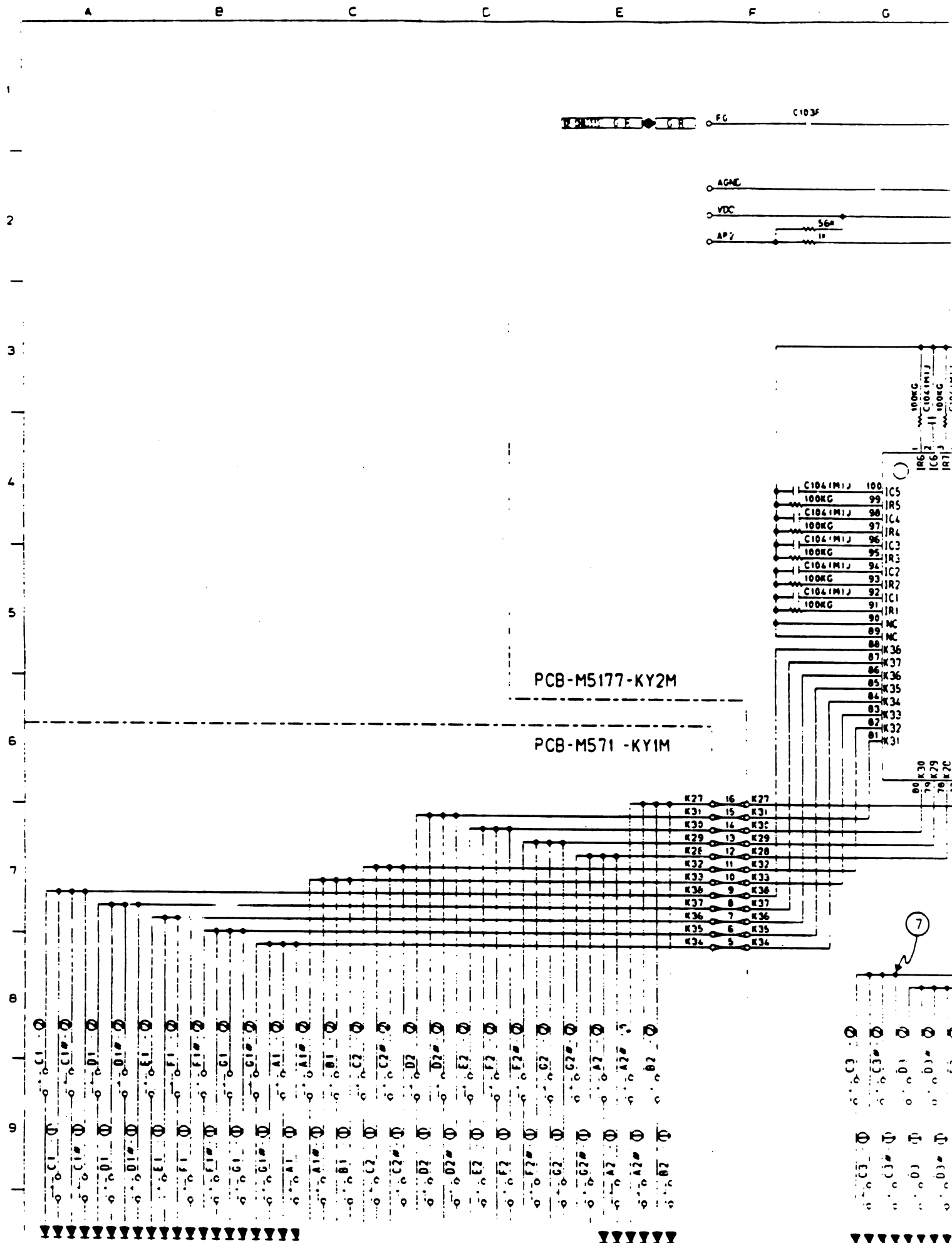
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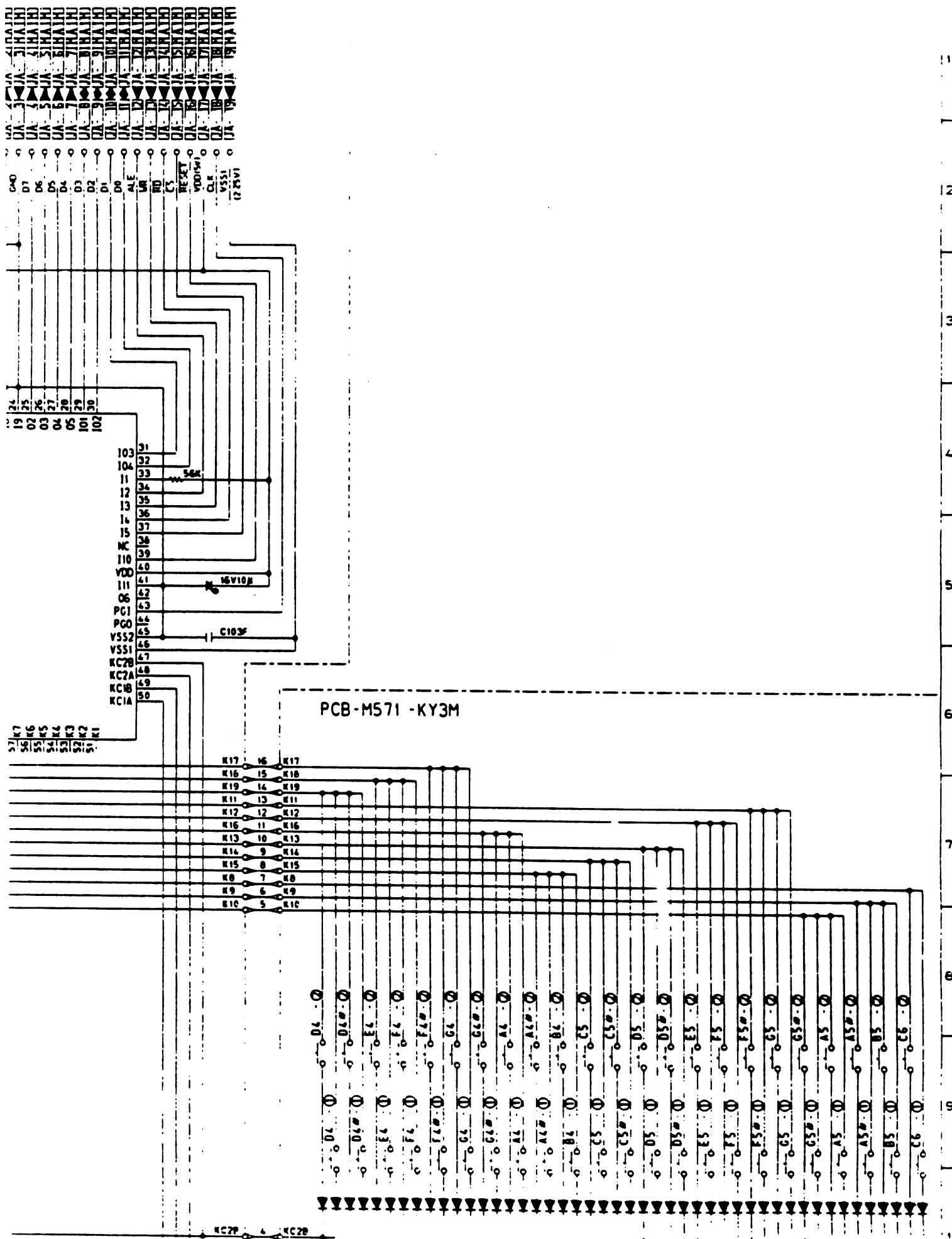
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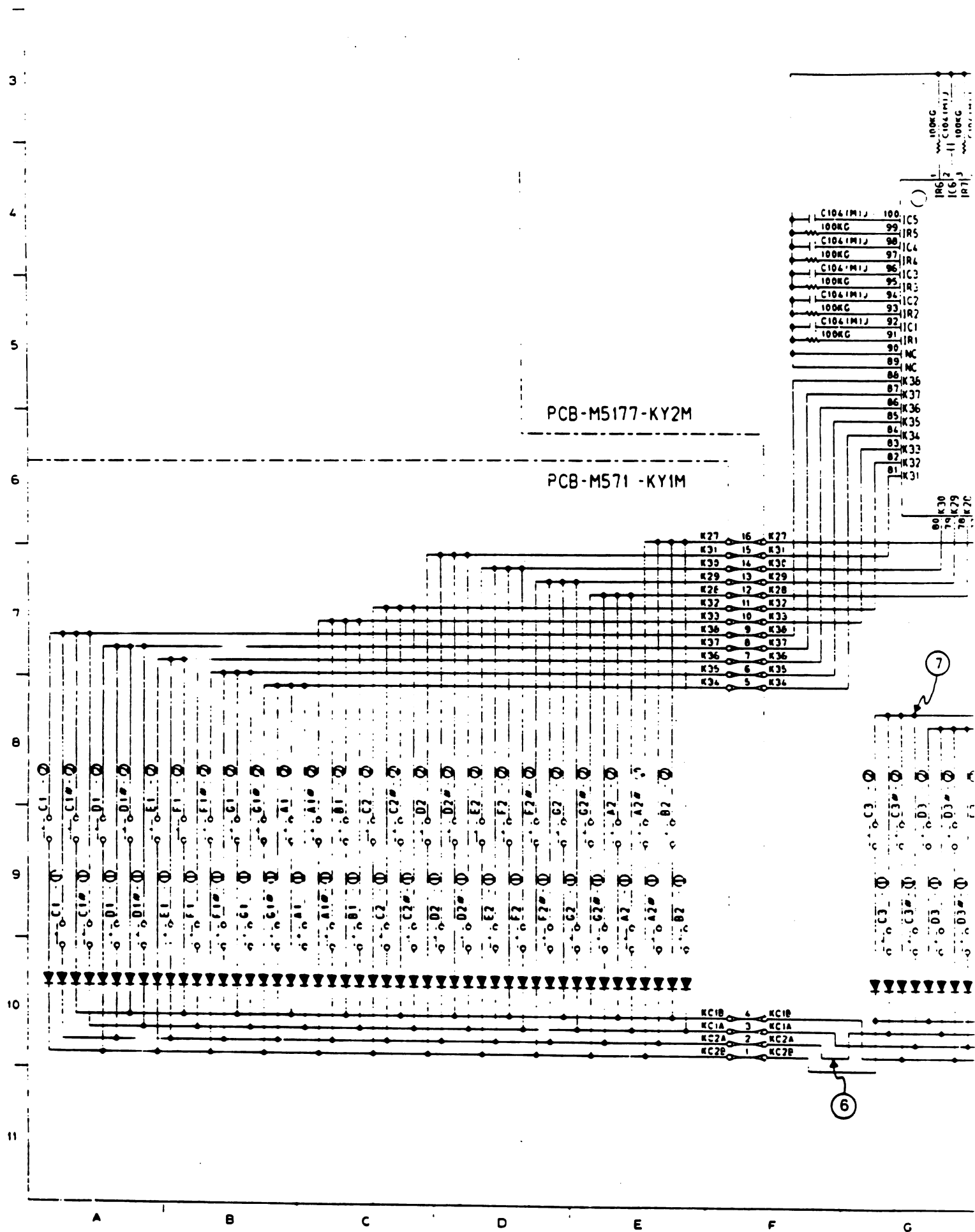


1-9. Keyboard PCB M571-KY1M, KY3M, M5177-KY2M





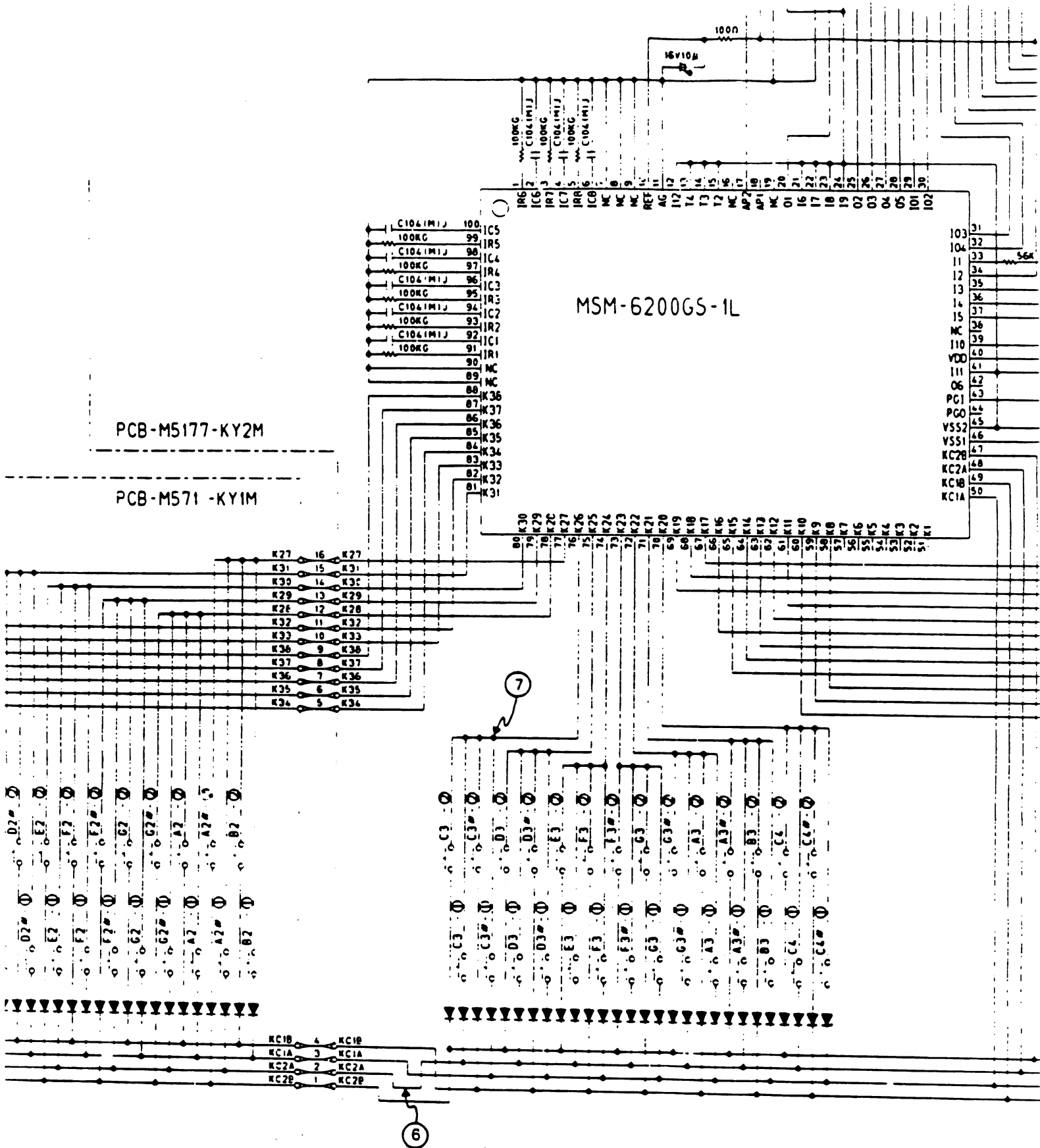


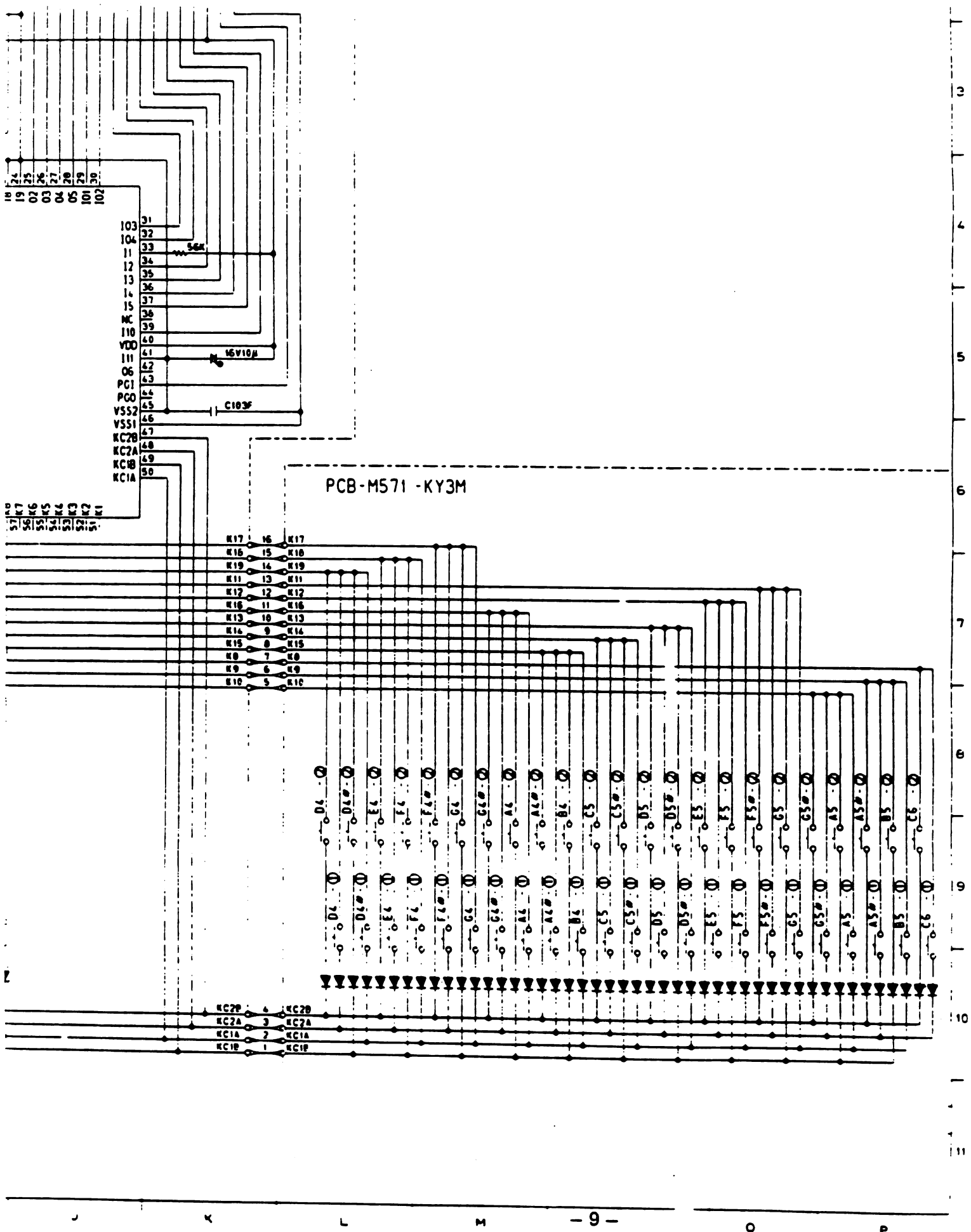


PCB-M5177-KY2M

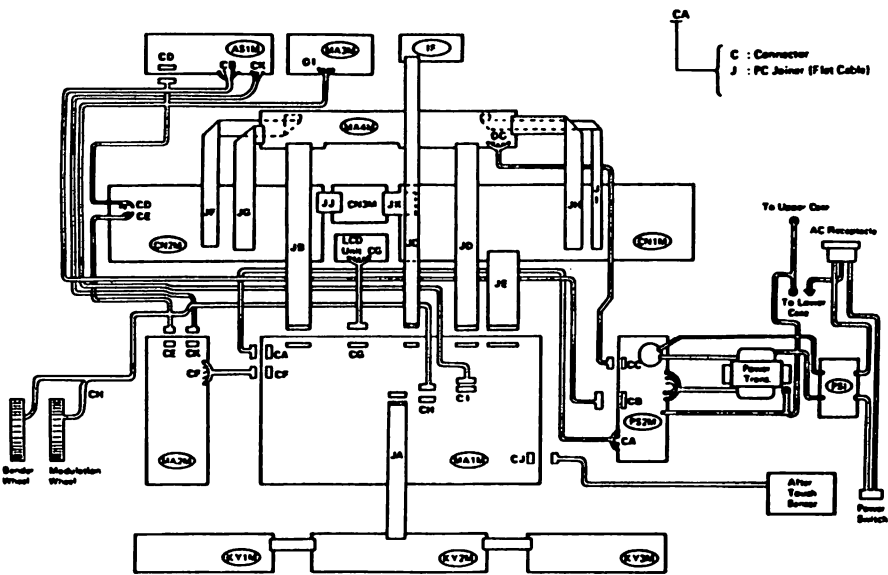
PCB-M571-KY1M

MSM-6200GS-1L





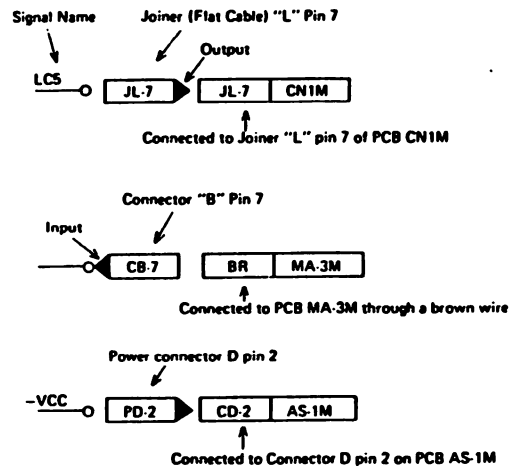
2. WIRING DIAGRAM



NOTE: 1. Wire Color Codes

R : Red	W : White	BL: Blue
Y : Yellow	GR: Green	PP: Purple
BK: Black	BR: Brown	O : Orange
GY: Gray	PK : Pink	E : Shielded wire

2. Terminal Readings



3. Voltage Levels

VDD	+5V	For digital circuits
VDL1	+5V	For LED driving
VDL2	+5V	For LED driving (rises to +5V approximately 830 milliseconds after Power ON)
VDAC	+5V	For DAC (Digital to Analog Converter)
+VCC	+15V	For analog circuits
-VCC	-15V	For analog circuits
DG	0V	Digital ground
FG	0V	Frame ground
DAG	0V	DAC ground
CG	0V	Analog ground
VBR	+5V at Power ON +3V at Power OFF	RAMs' backup voltage