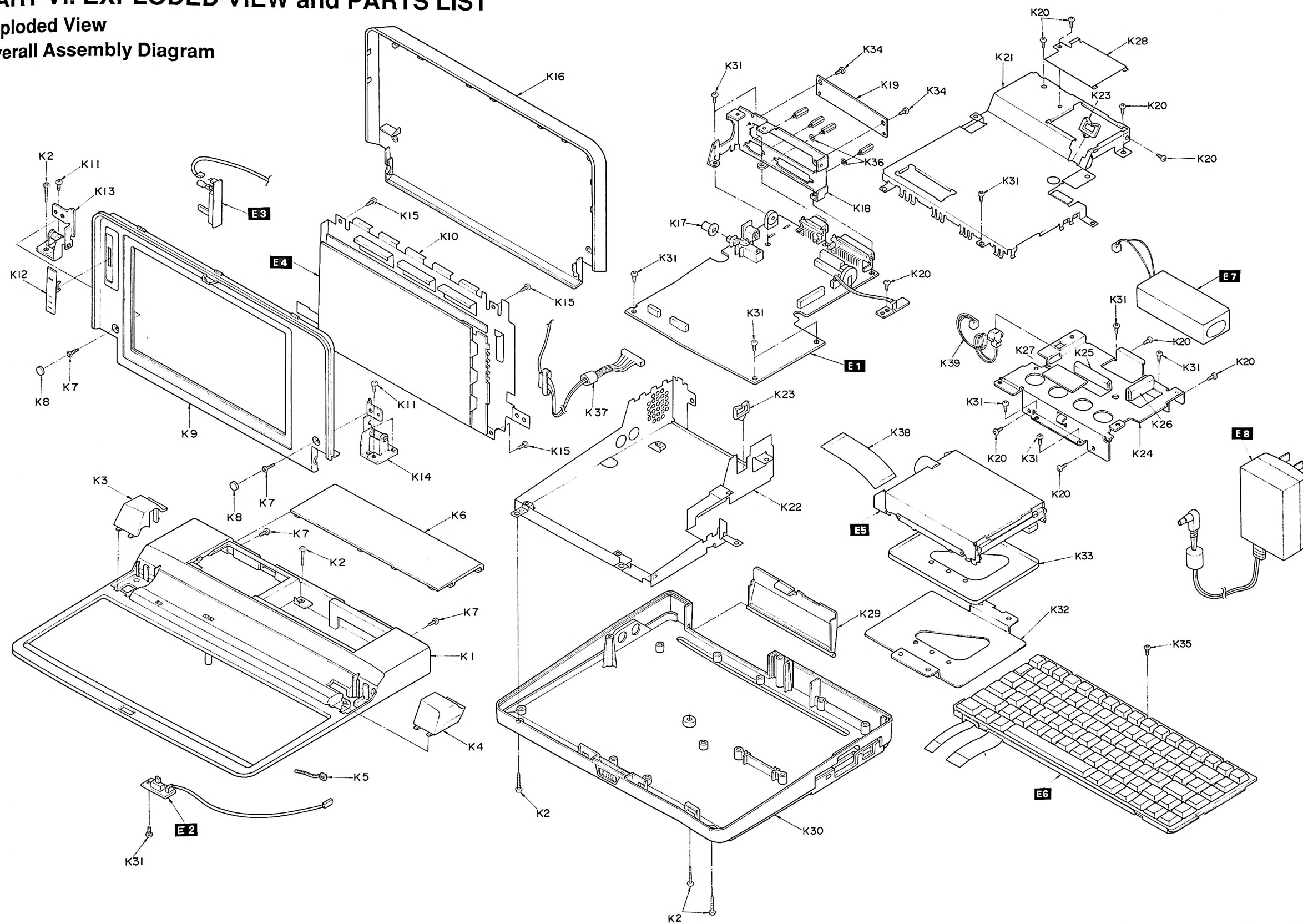


PART VI. EXPLODED VIEW and PARTS LIST

Exploded View Overall Assembly Diagram



1

2

3

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11

12

13

FDD Assembly Diagram

This diagram illustrates the assembly of a 5.25-inch floppy disk drive. The components are numbered 1 through 33. The assembly is shown in an exploded view, with parts arranged in a coordinate system defined by letters A, B, C, D, E along the vertical axis and numbers 1 through 6 along the horizontal axis. A screwdriver is shown in the upper right corner, indicating the tools required for assembly.

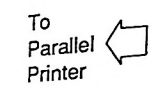
The main components include:

- 1:** The top cover of the drive.
- 2:** The motor assembly, which includes the motor (2), a pulley (17), and a timing belt (18).
- 3:** The base plate of the drive.
- 4:** A screw used to secure the base plate.
- 5:** A small component, possibly a switch or sensor.
- 6:** A screw used to secure the base plate.
- 7:** A component, possibly a switch or sensor.
- 8:** A component, possibly a switch or sensor.
- 9:** A component, possibly a switch or sensor.
- 10:** A component, possibly a switch or sensor.
- 11:** A component, possibly a switch or sensor.
- 12:** A component, possibly a switch or sensor.
- 13:** A component, possibly a switch or sensor.
- 14:** A component, possibly a switch or sensor.
- 15:** A component, possibly a switch or sensor.
- 16:** A component, possibly a switch or sensor.
- 17:** A pulley for the timing belt.
- 18:** A timing belt.
- 19:** A component, possibly a switch or sensor.
- 20:** A component, possibly a switch or sensor.
- 21:** A component, possibly a switch or sensor.
- 22:** A component, possibly a switch or sensor.
- 23:** A component, possibly a switch or sensor.
- 24:** A component, possibly a switch or sensor.
- 25:** A component, possibly a switch or sensor.
- 26:** A component, possibly a switch or sensor.
- 27:** A component, possibly a switch or sensor.
- 28:** A component, possibly a switch or sensor.
- 29:** A component, possibly a switch or sensor.
- 30:** A component, possibly a switch or sensor.
- 31:** A component, possibly a switch or sensor.
- 32:** A component, possibly a switch or sensor.
- 33:** A component, possibly a switch or sensor.

The diagram is a technical drawing showing the exploded view of the drive components. The parts are arranged in a coordinate system defined by letters A, B, C, D, E along the vertical axis and numbers 1 through 6 along the horizontal axis. A screwdriver is shown in the upper right corner, indicating the tools required for assembly.

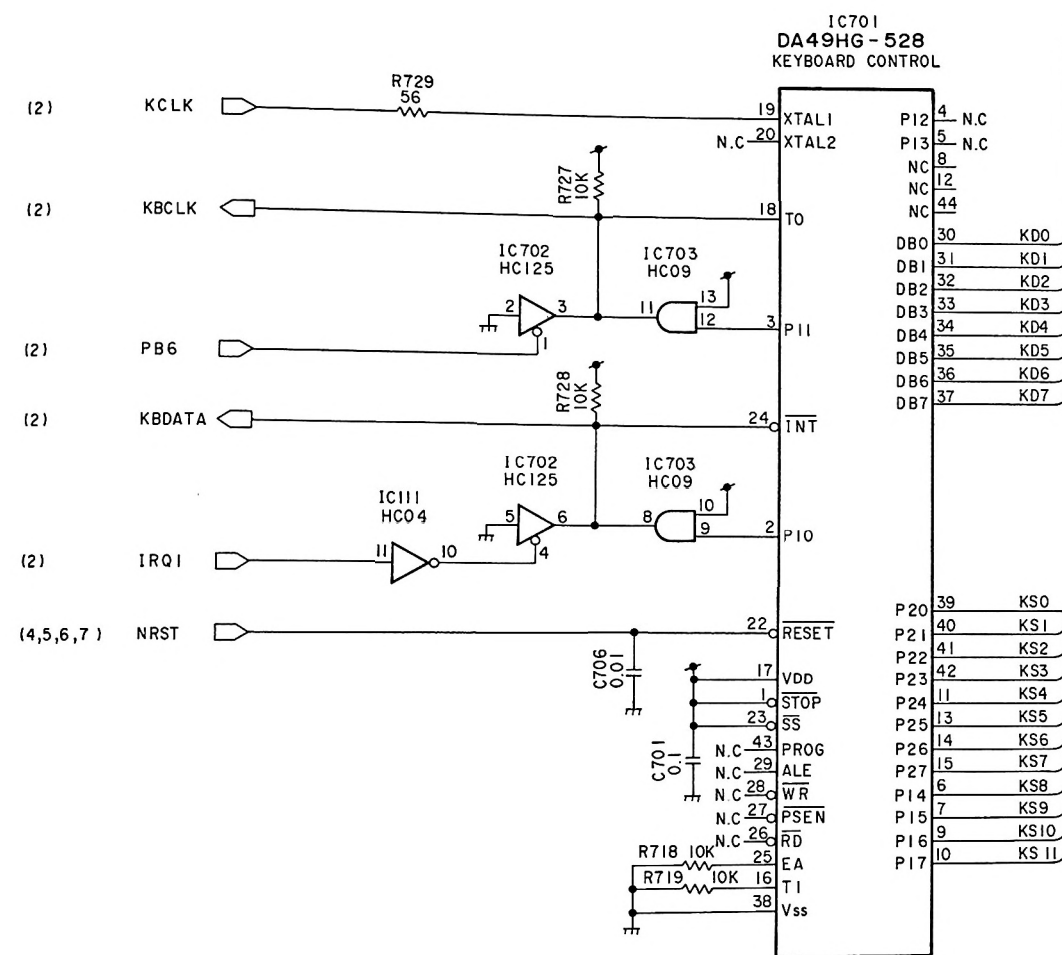
CPU and CPU Control Circuits (Sheet No. 1 of 9)



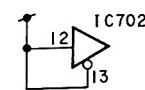


Signal	Pin
INSTROBE	1
PRD0	2
PRD1	3
PRD2	4
PRD3	5
PRD4	6
PRD5	7
PRD6	8
PRD7	9
NACK	10
BUSY	11
PER	12
SLCT	13
AUTOFEED	14
NPERR	15
NINIT	16
NSLCT1	17
GND	18
N.C.	19
N.C.	20
N.C.	21
N.C.	22
N.C.	23
N.C.	24
GND	25
SAO-2	26
NRST	27
STOW	28
SIOB	29
CSURTO	30
CSURTI	31
CSPT	32
SINTO	33
SINTI	34
IRQ7	35
XTAL	36

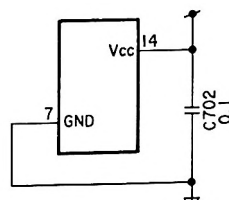
Keyboard Control Circuit (Sheet No. 3 of 9)



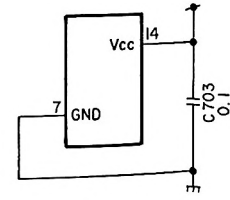
IC702
MN74HC125S



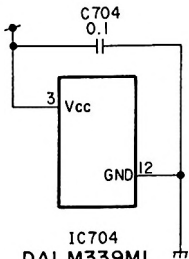
IC702
MN74HC125S



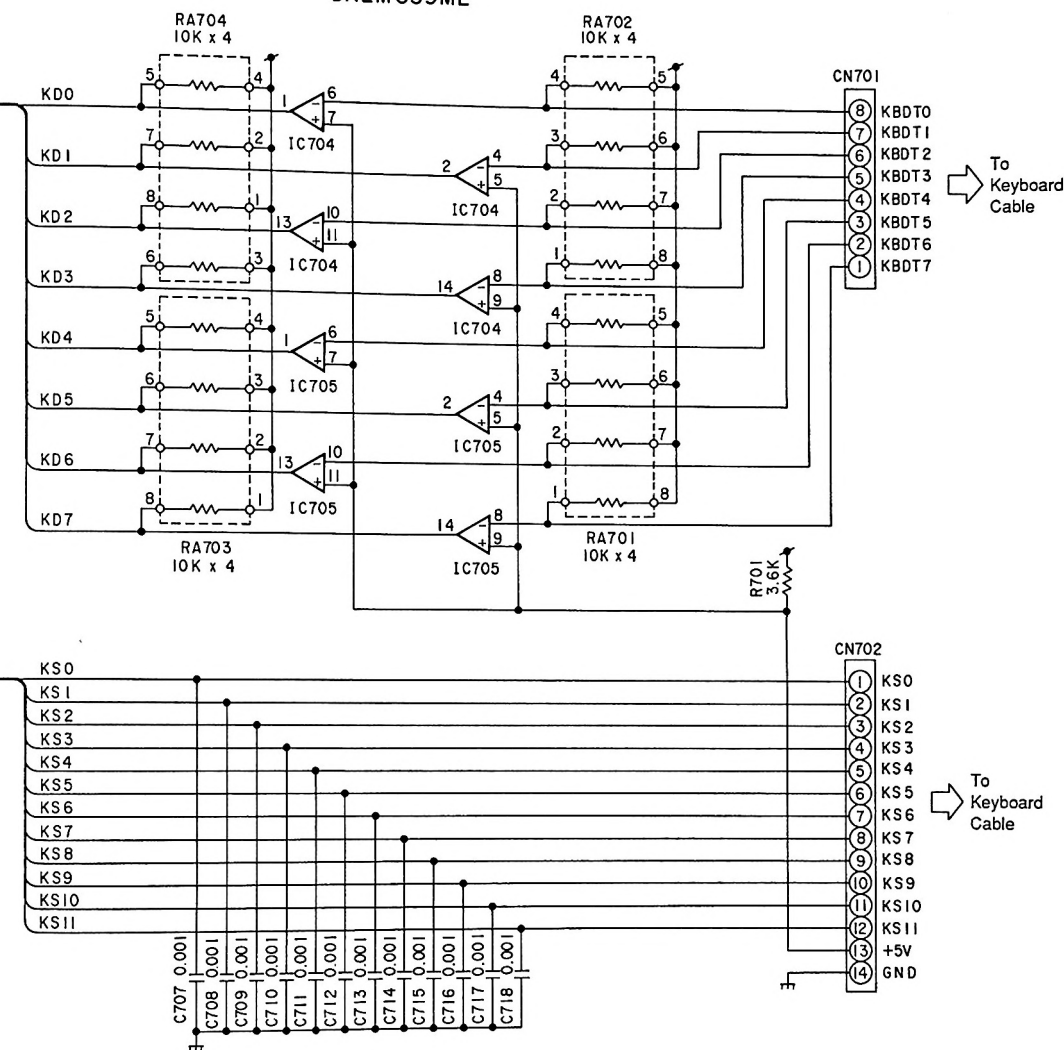
IC703
DA74HC09AFT0



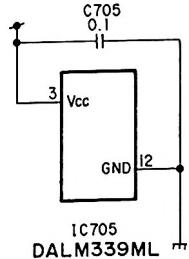
C704 0.1
IC704
DALM339ML

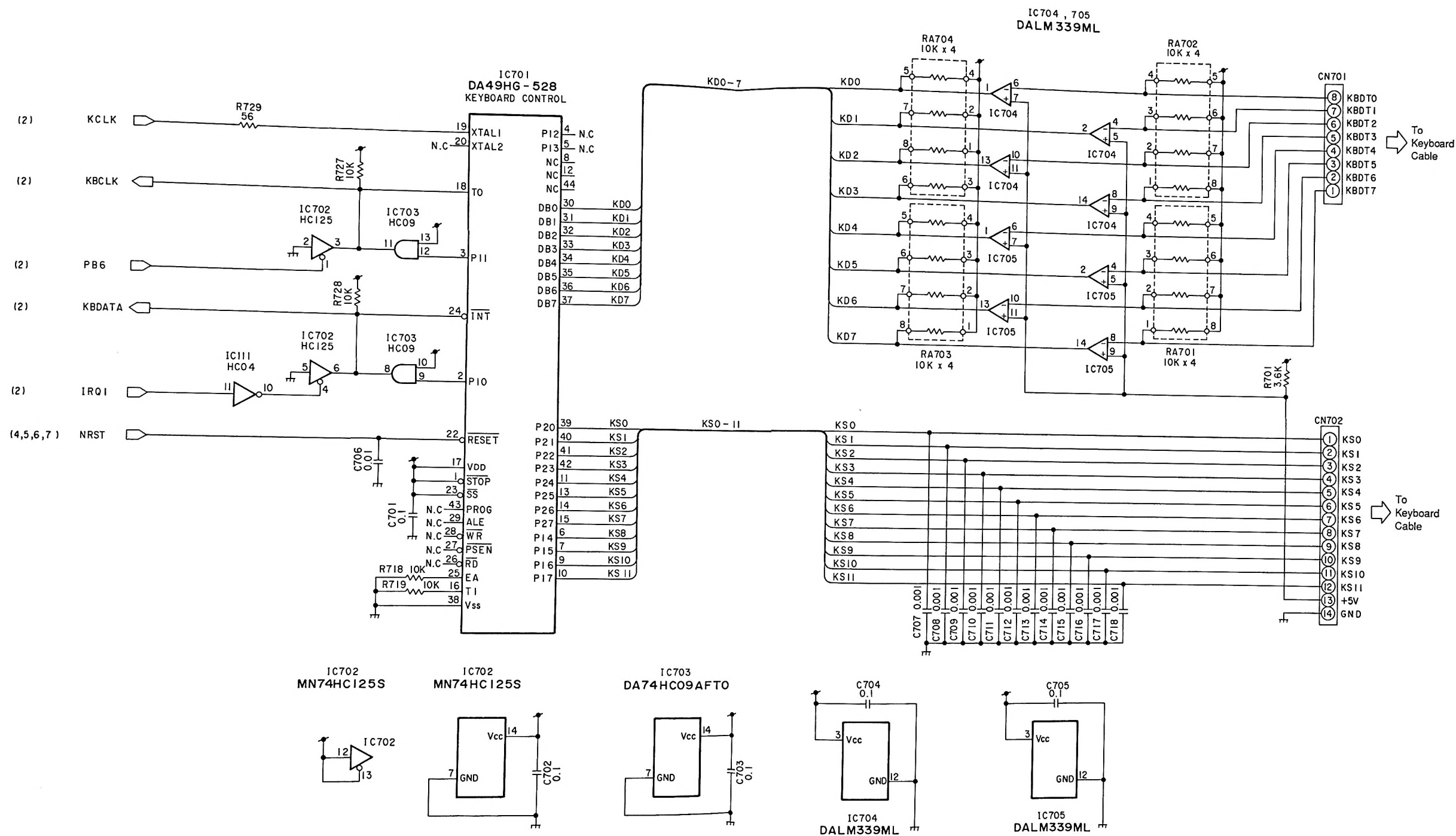


IC704, 705
DALM339ML



C705 0.1
IC705
DALM339ML

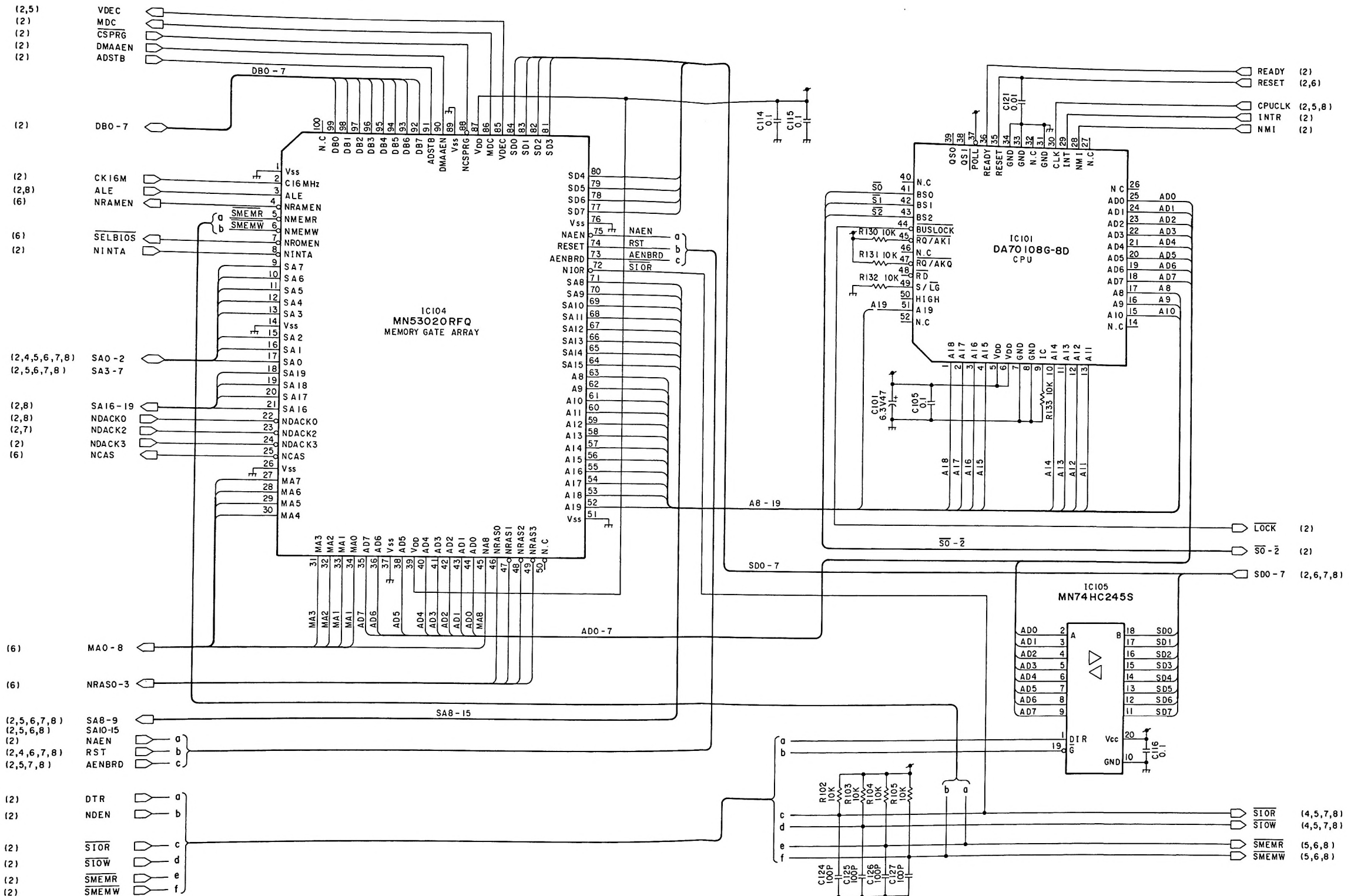


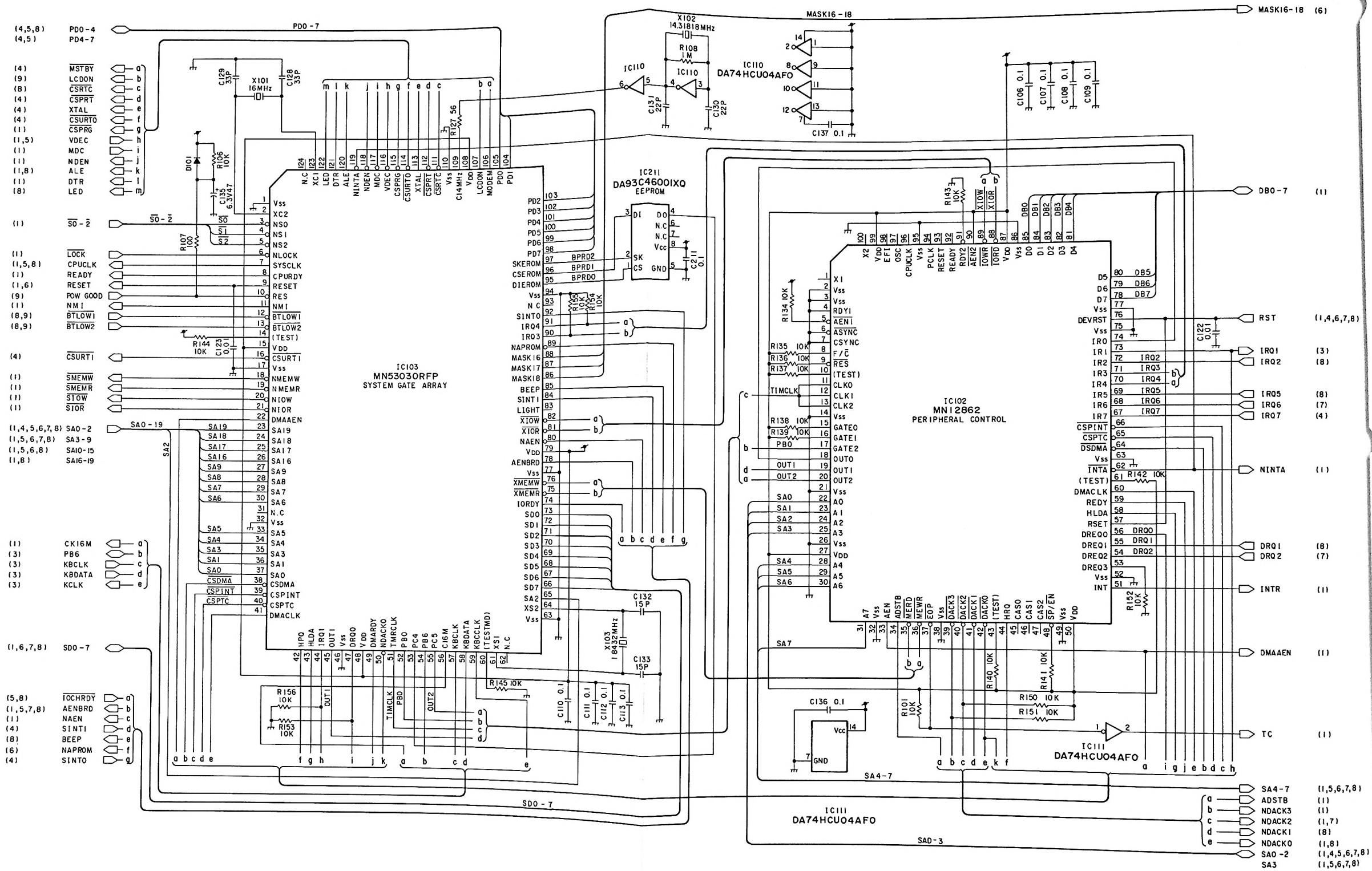


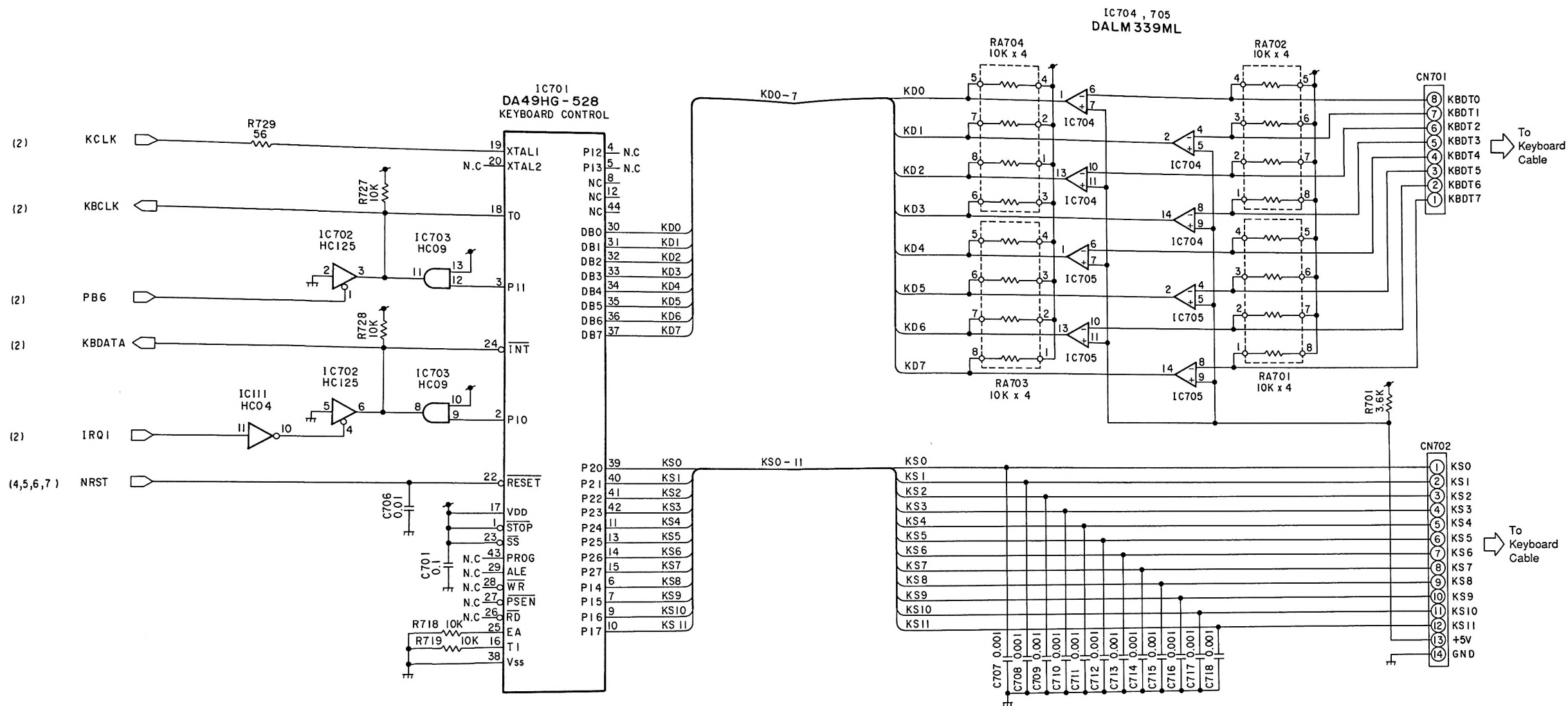
PART VII. CIRCUIT DIAGRAMS

Main PCB Circuit Diagram

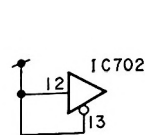
CPU and CPU Control Circuits (Sheet No. 1 of 9)



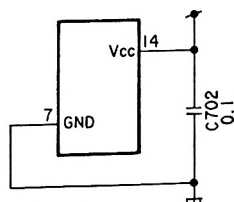




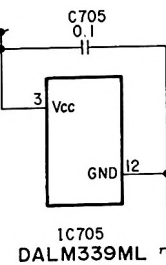
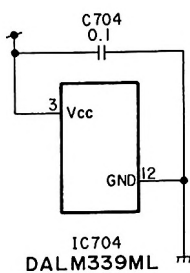
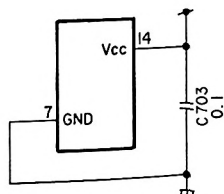
IC702
MN74HC125S



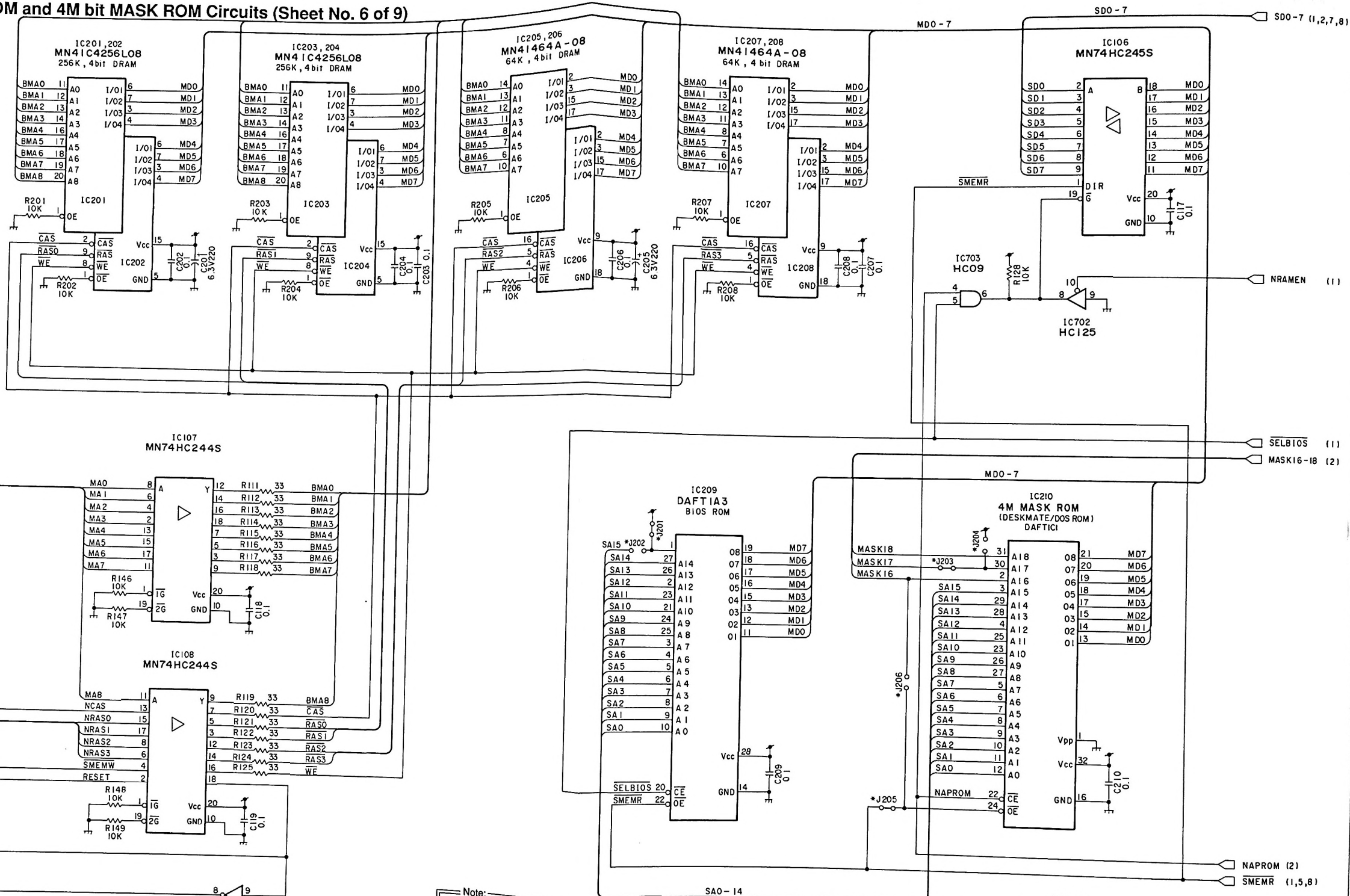
IC702
MN74HC125S



IC703
DA74HC09AFT0



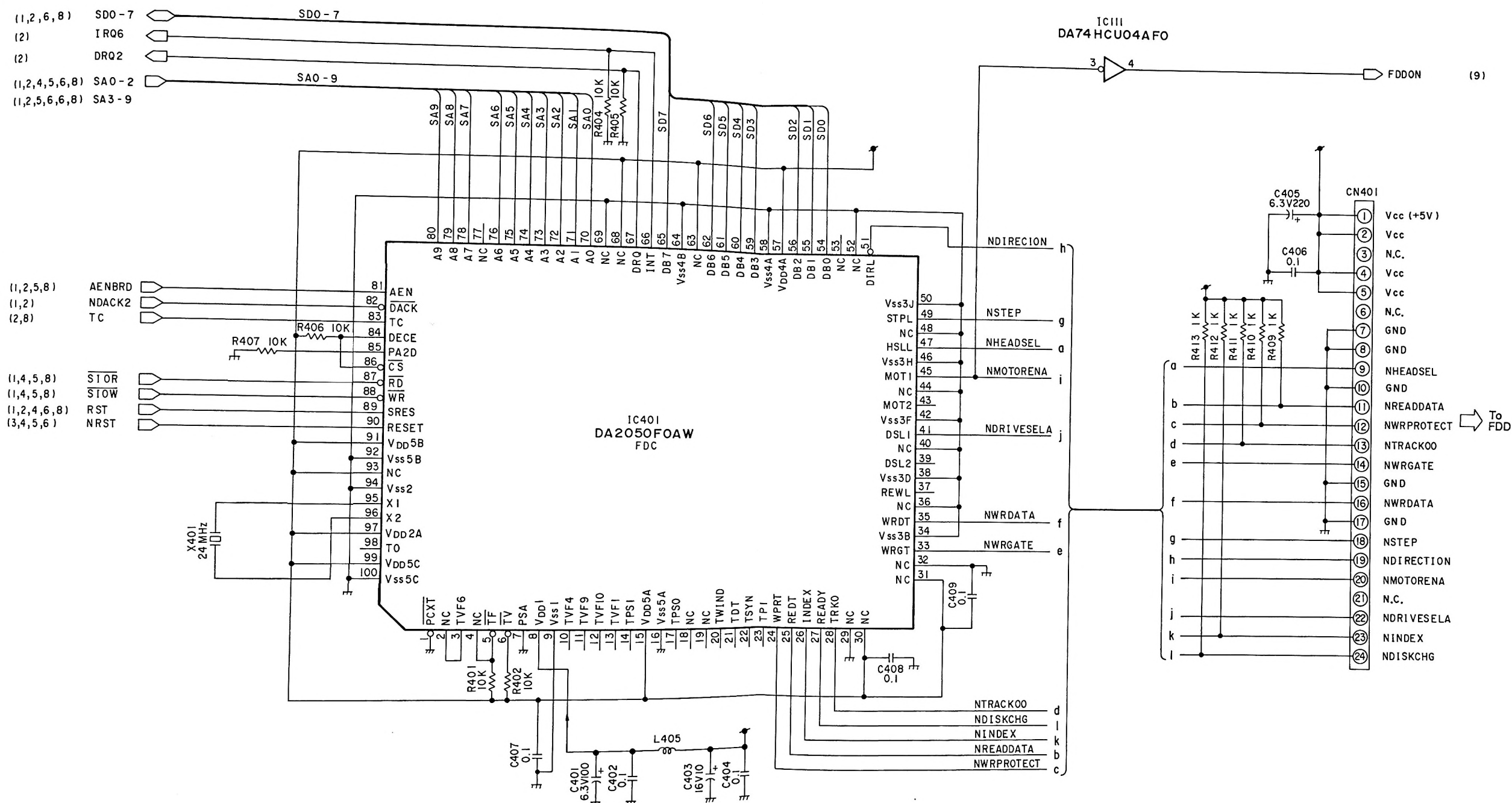
DRAM, BIOS ROM and 4M bit MASK ROM Circuits (Sheet No. 6 of 9)

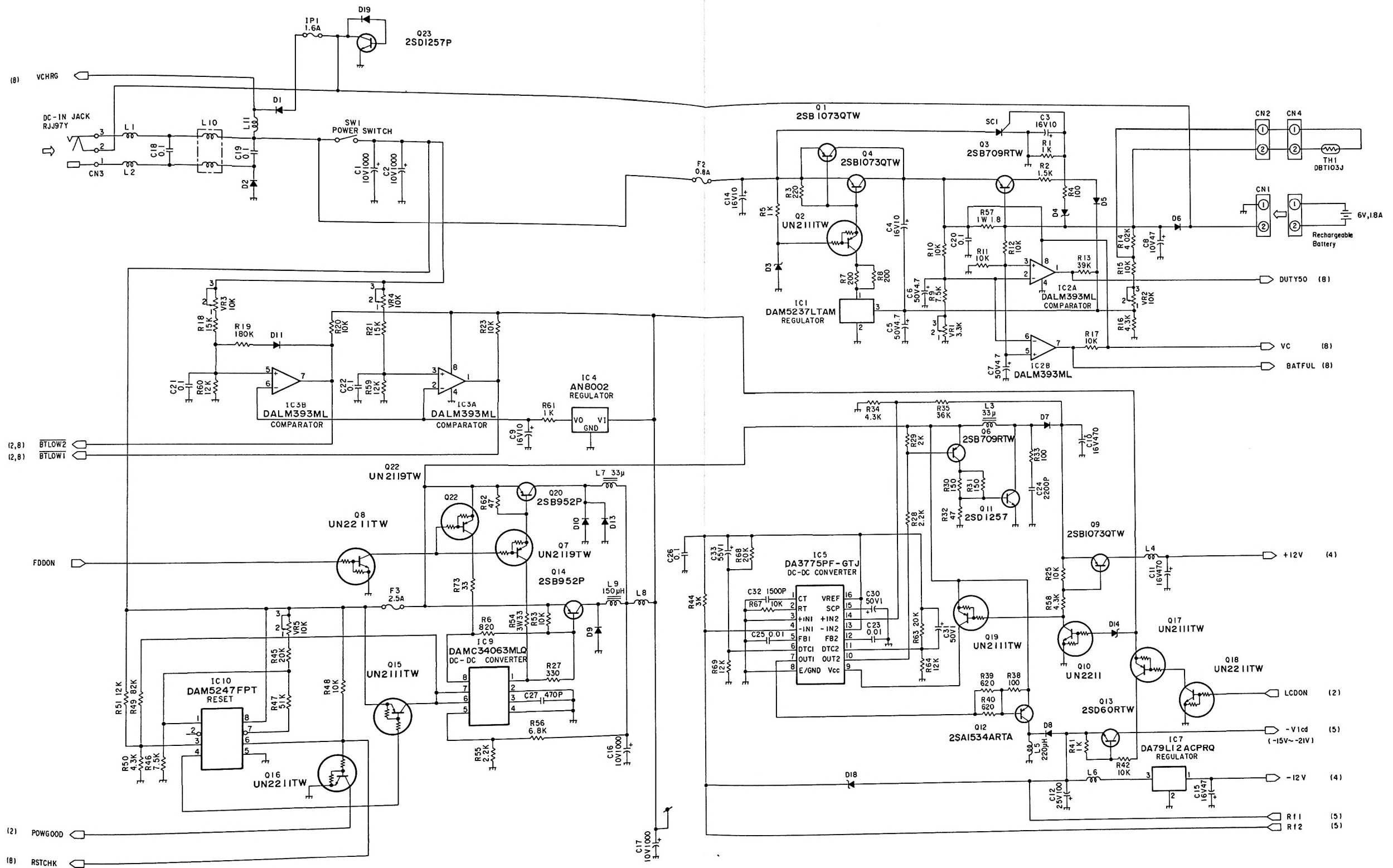


Note: SA0-14

Jumper Chips Setting						
	*J201	*J202	*J203	*J204	*J205	*J206
Factory Setting	Connected	N. C.	Connected	N. C.	Connected	N. C.

"N. C." denotes Not Connected.

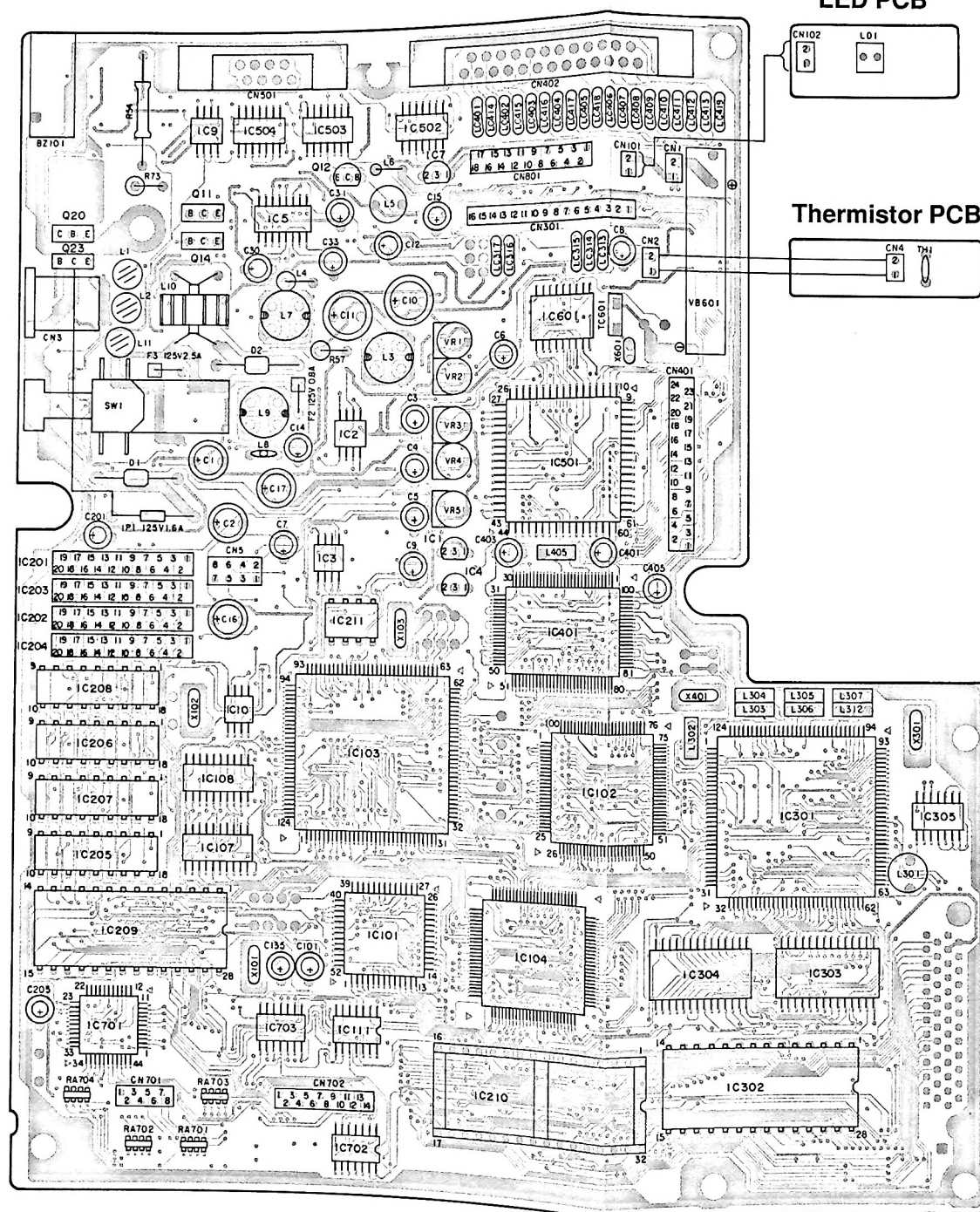




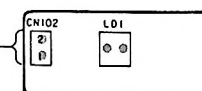
PART VIII. PCB VIEWS

Main PCB Views

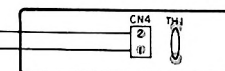
Top Views



LED PCB



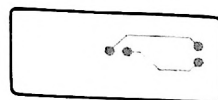
Thermistor PCB



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Display
Dot stru
Driving

C
U

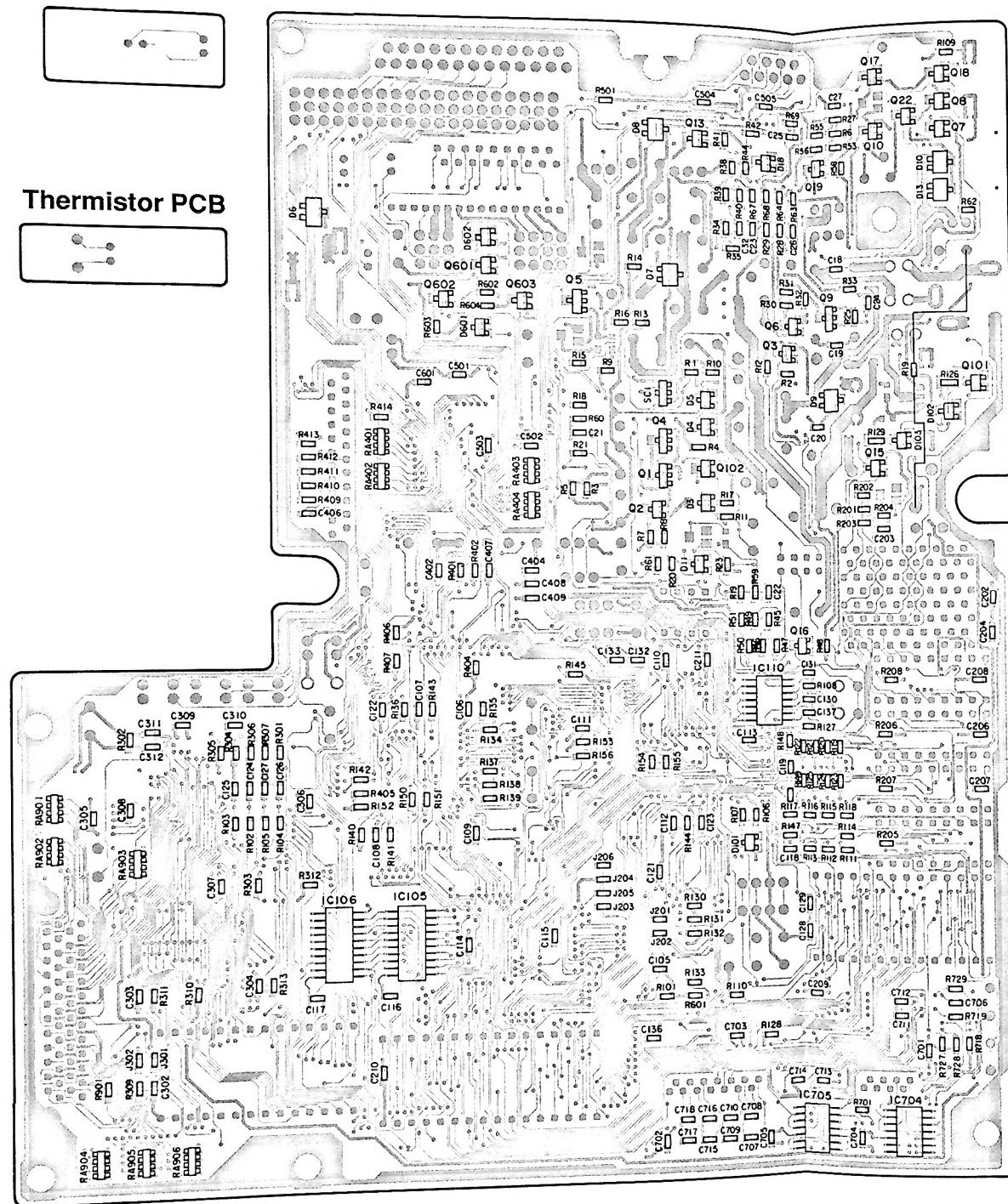
LED PCB



Thermistor PCB

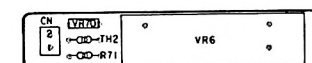


Bottom View

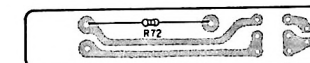


LCD Contrast Control PCB

Top View



Bottom View



APPENDICES

Appendix A. LCD Specifications

1. Application

This specification shall be applied to Reflexion Type Dot Matrix LCD Module—Negative Type—LM640571.

2. Composition

Display type: Reflective Negative Display
Dot structure: 640x200 Full Dot Graphic Display
Driving method: 1/200 duty Multiplex Drive

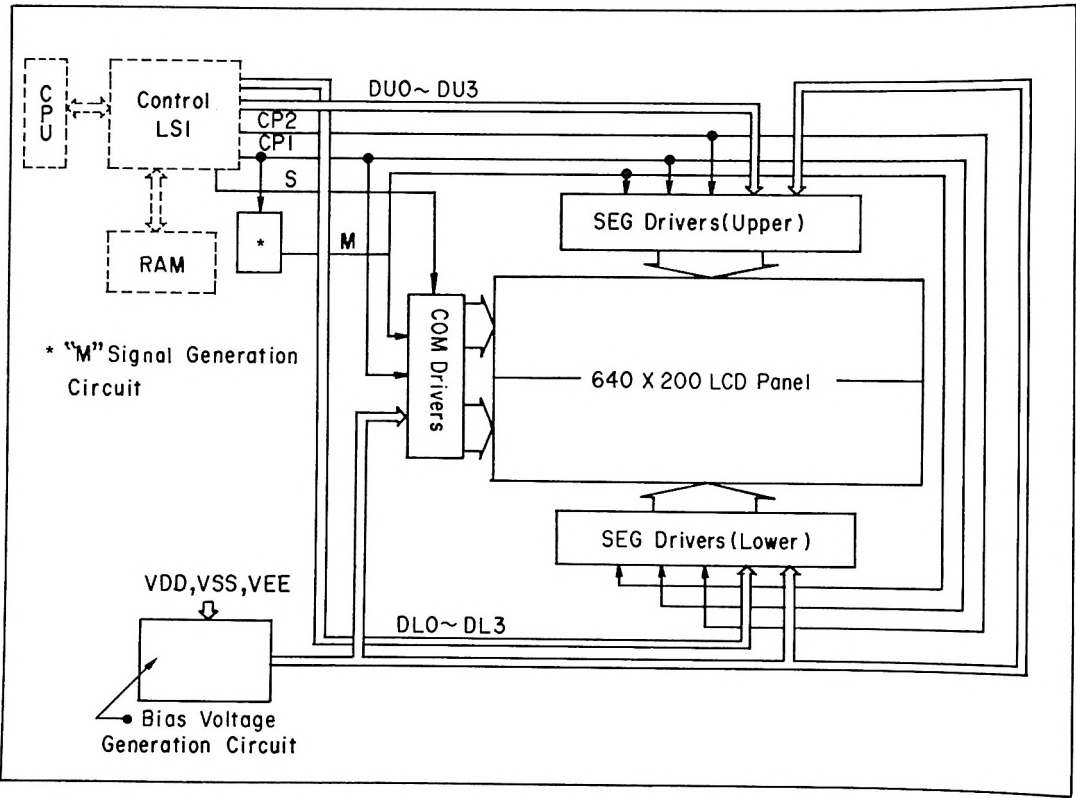


Figure A-1. Block Diagram

3. Mechanical Specifications

Item	Dimensions	Unit
Module size	9.4 (W)×5.8 (H)×0.2 (D) max.	inches
	238 (W)×147 (H)×6.0 (D) max.	mm
Effective Viewing Area	7.8 (W)×4.8 (H)	inches
	197 (W)×121 (H)	mm
Weight	Approx. 0.42	lbs
	Approx. 190	grams

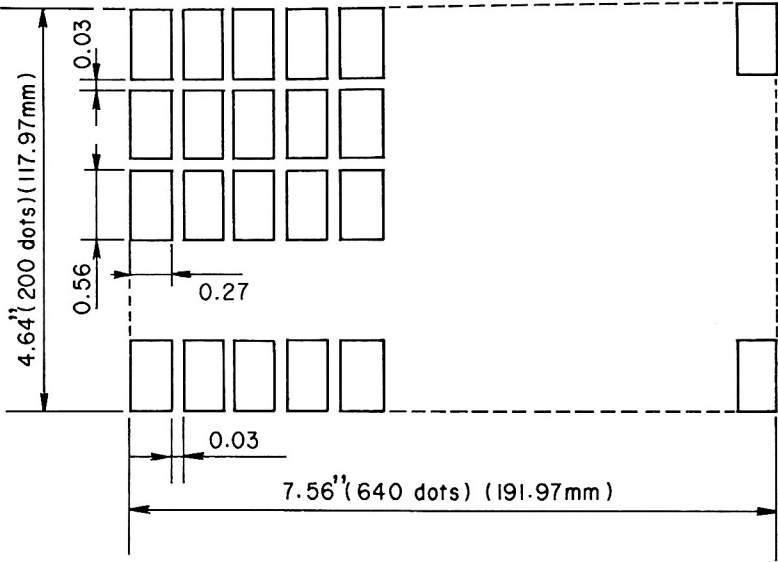
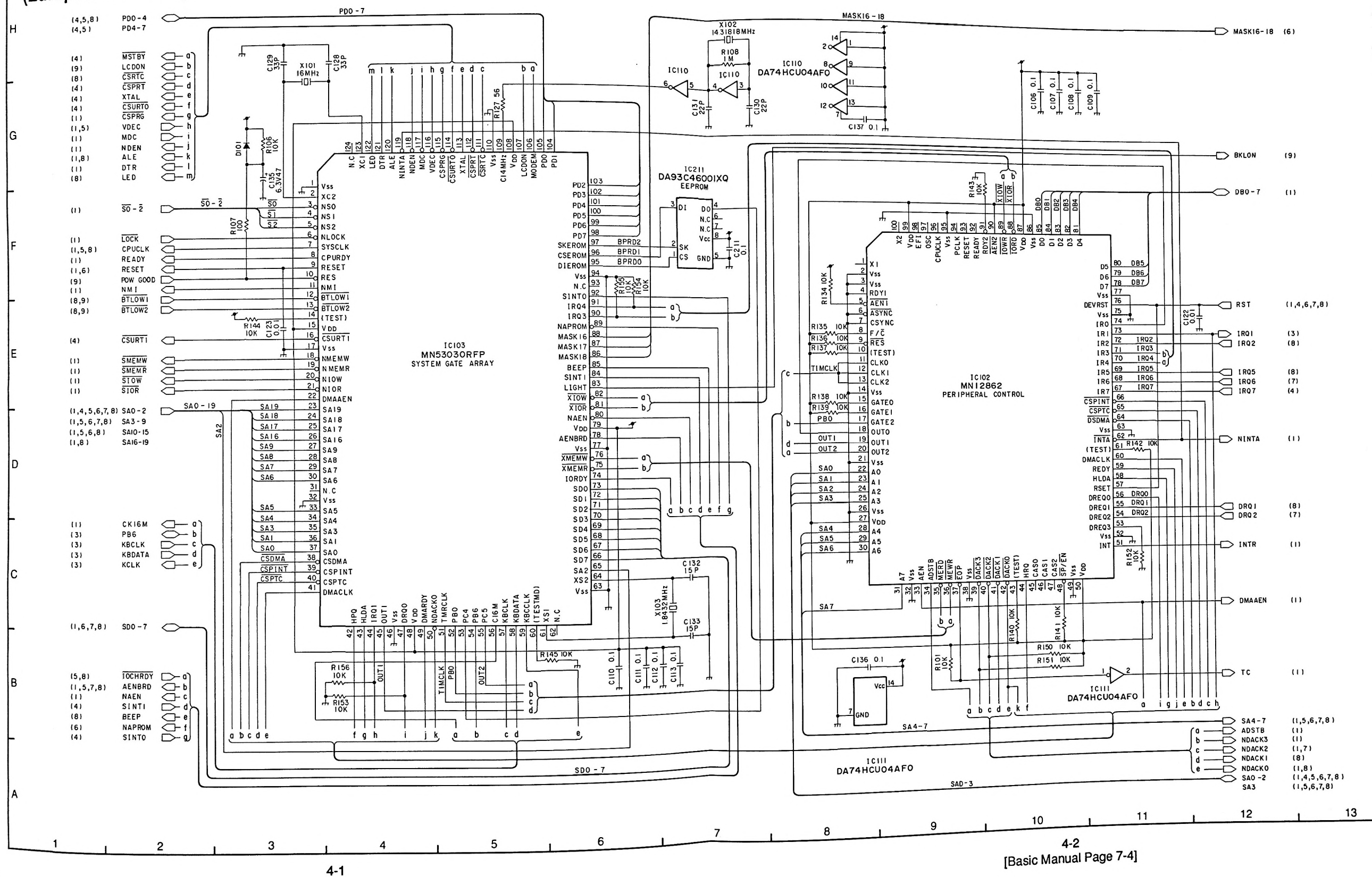
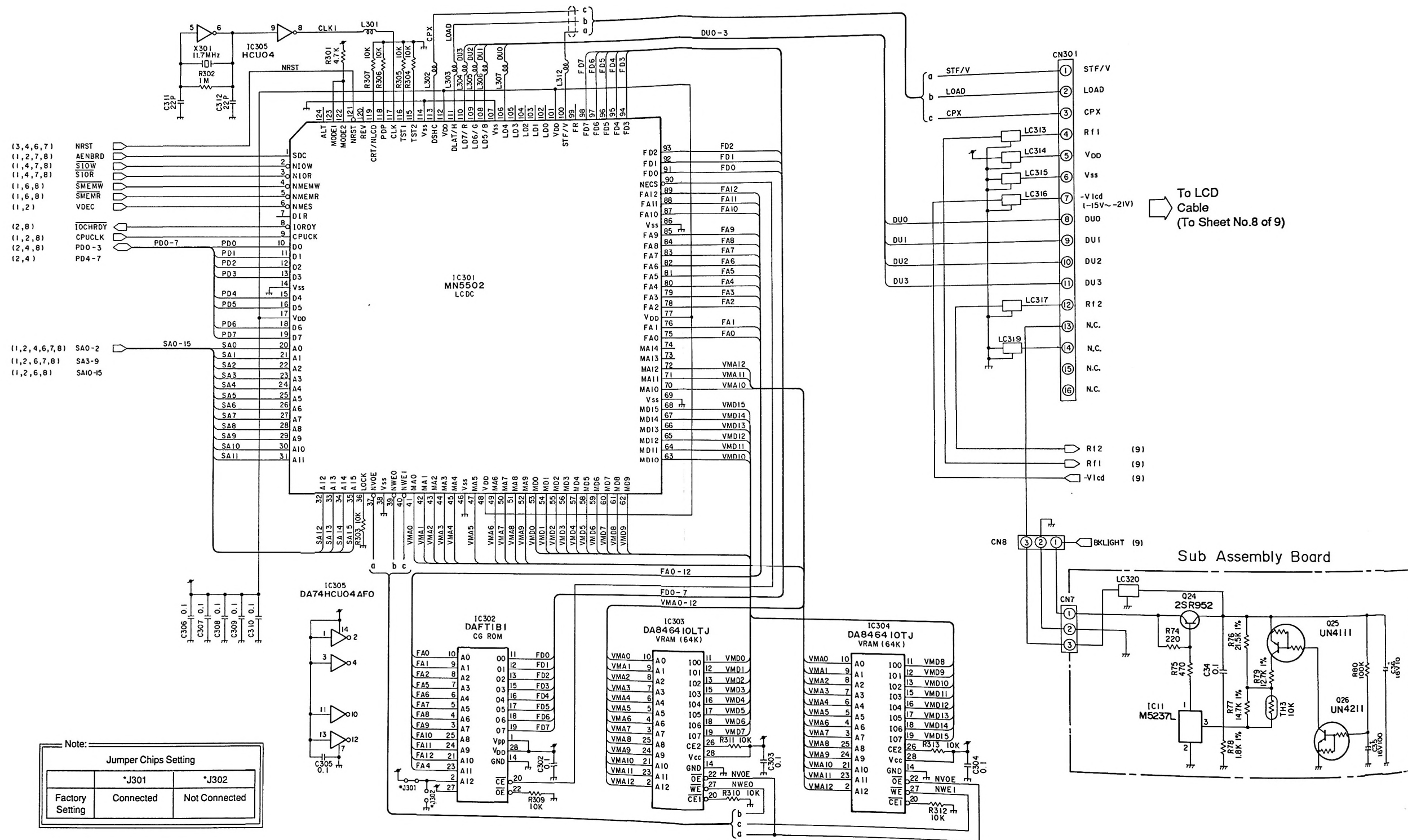


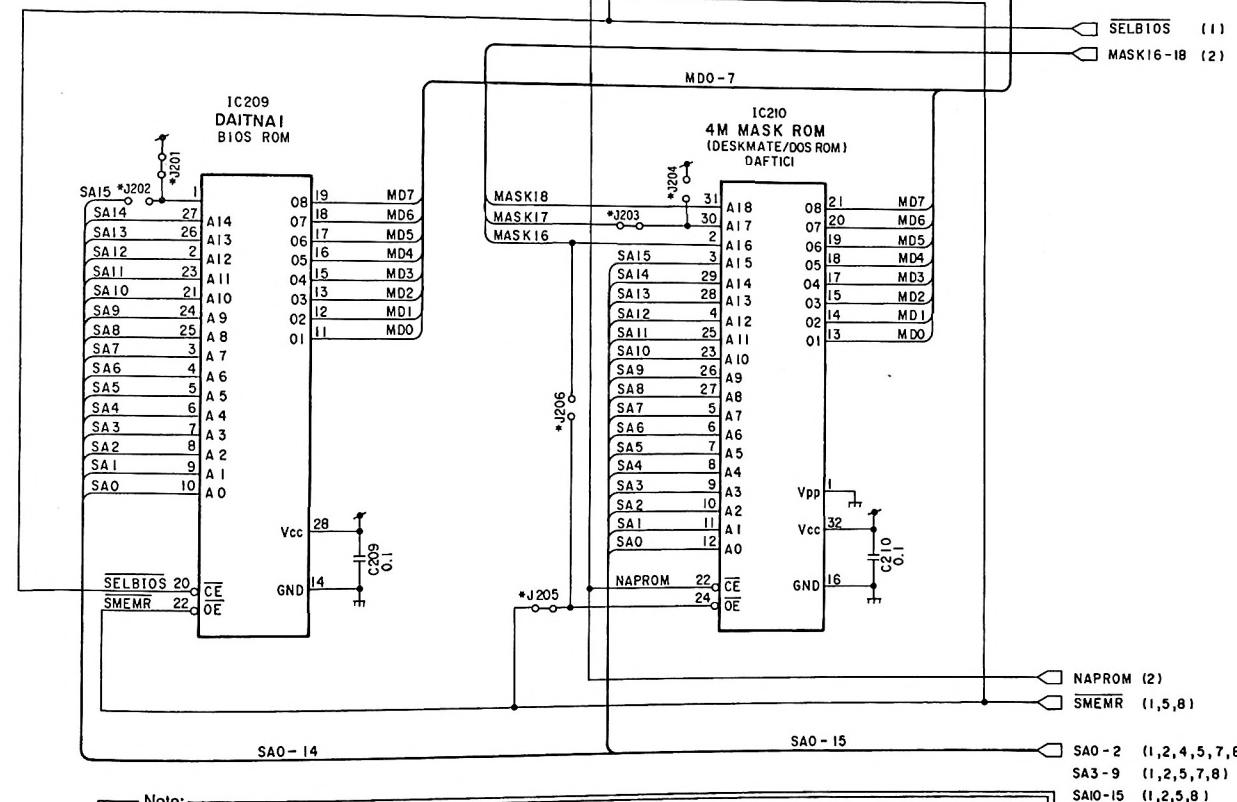
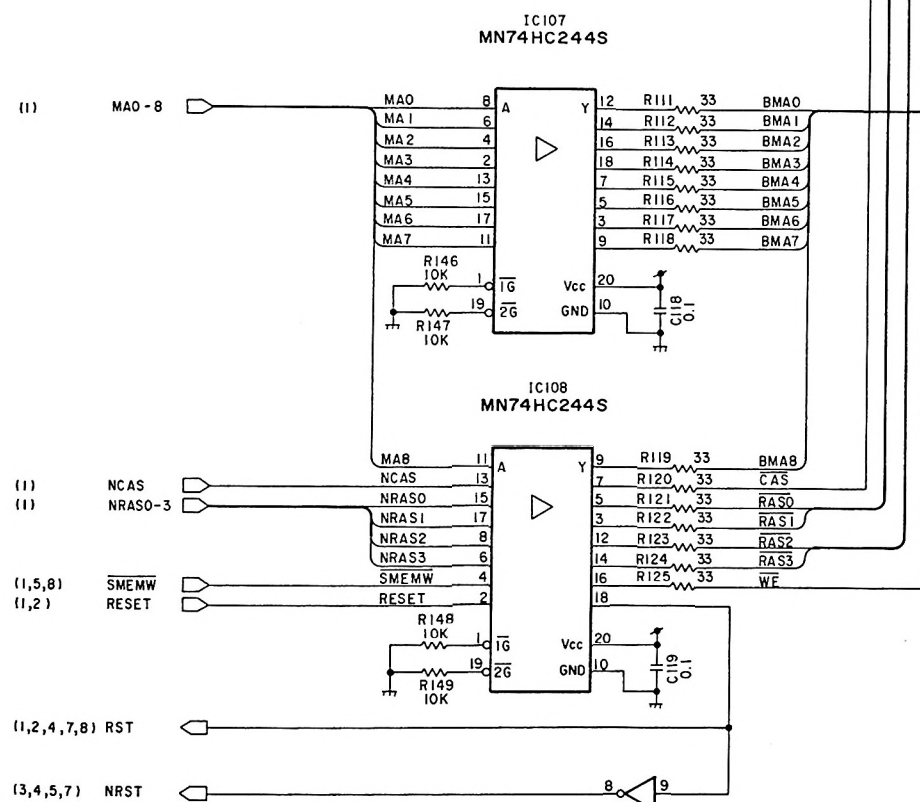
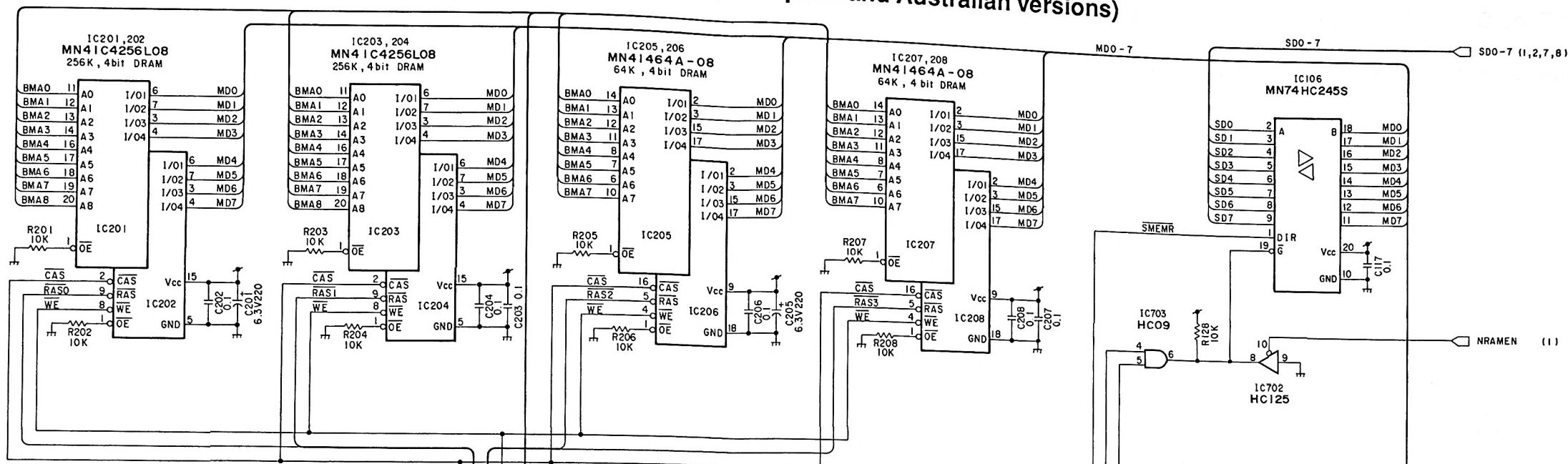
Figure A-2. Dot Dimensional Drawing

**Main PCB Circuit Diagram:
System Control, Peripheral Control and EEPROM Circuits (Sheet No. 2 of 9)
(European versions)**



LCDC, CG ROM and VRAM Circuits (Sheet No. 5 of 9) (European versions)





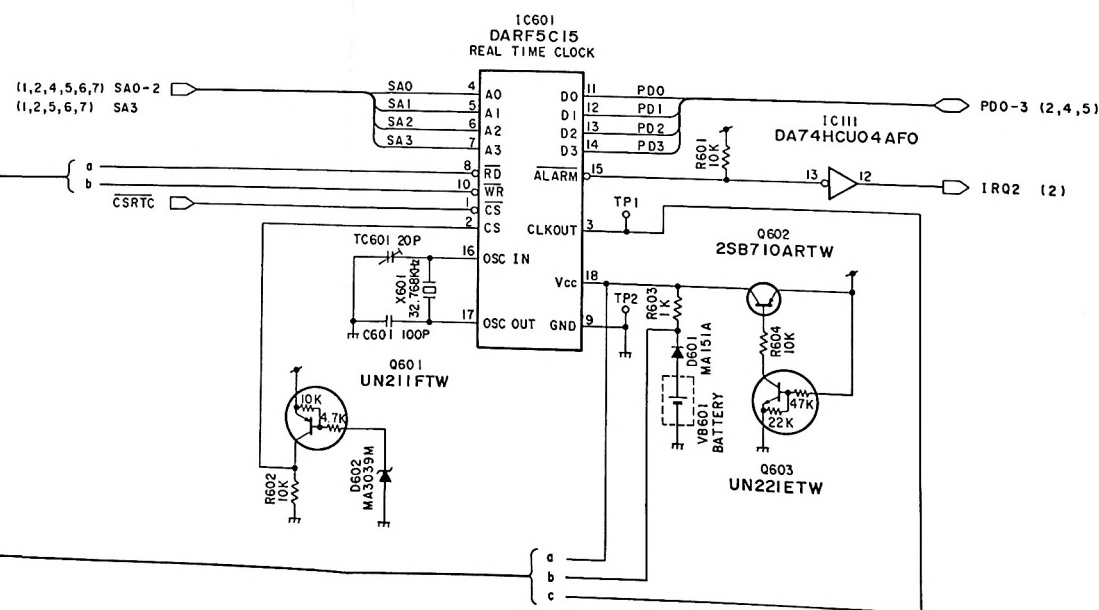
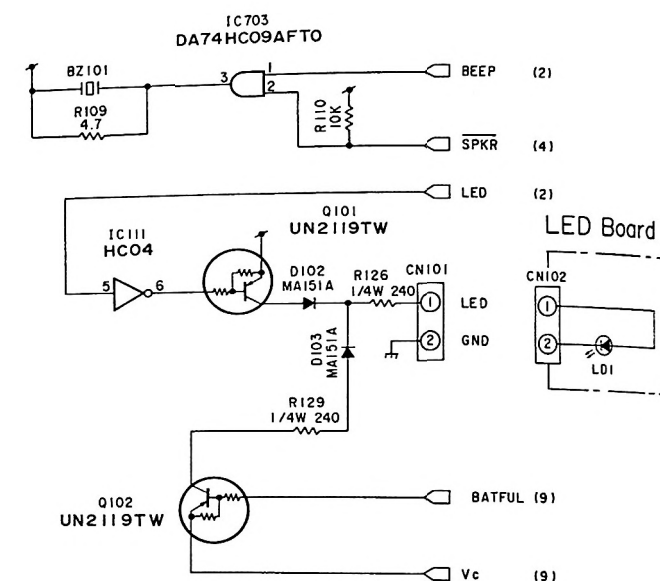
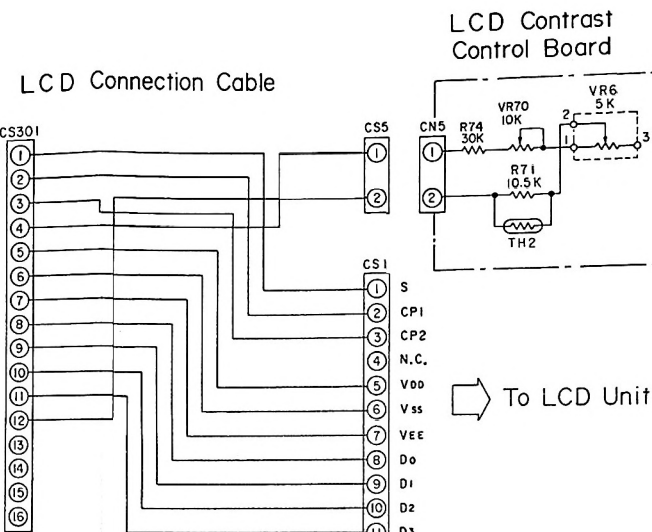
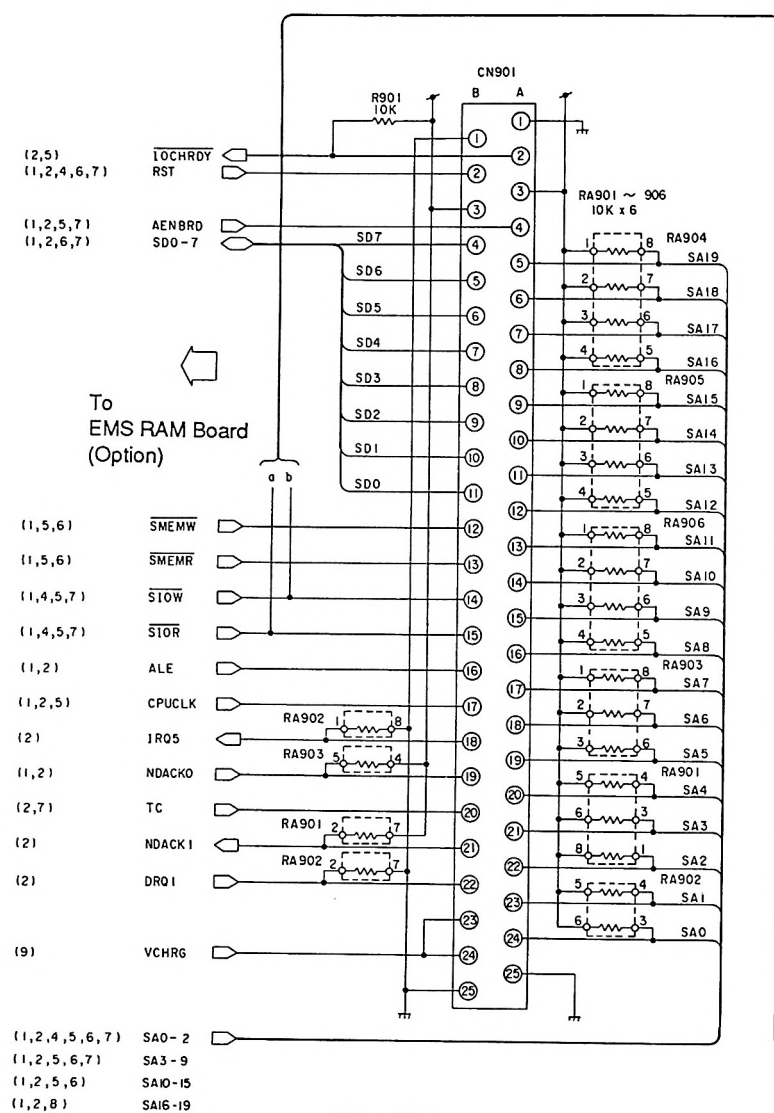
Note:

Jumper Chips Setting						
	*J201	*J202	*J203	*J204	*J205	*J206
Factory Setting	Connected	N. C.	Connected	N. C.	Connected	N. C.

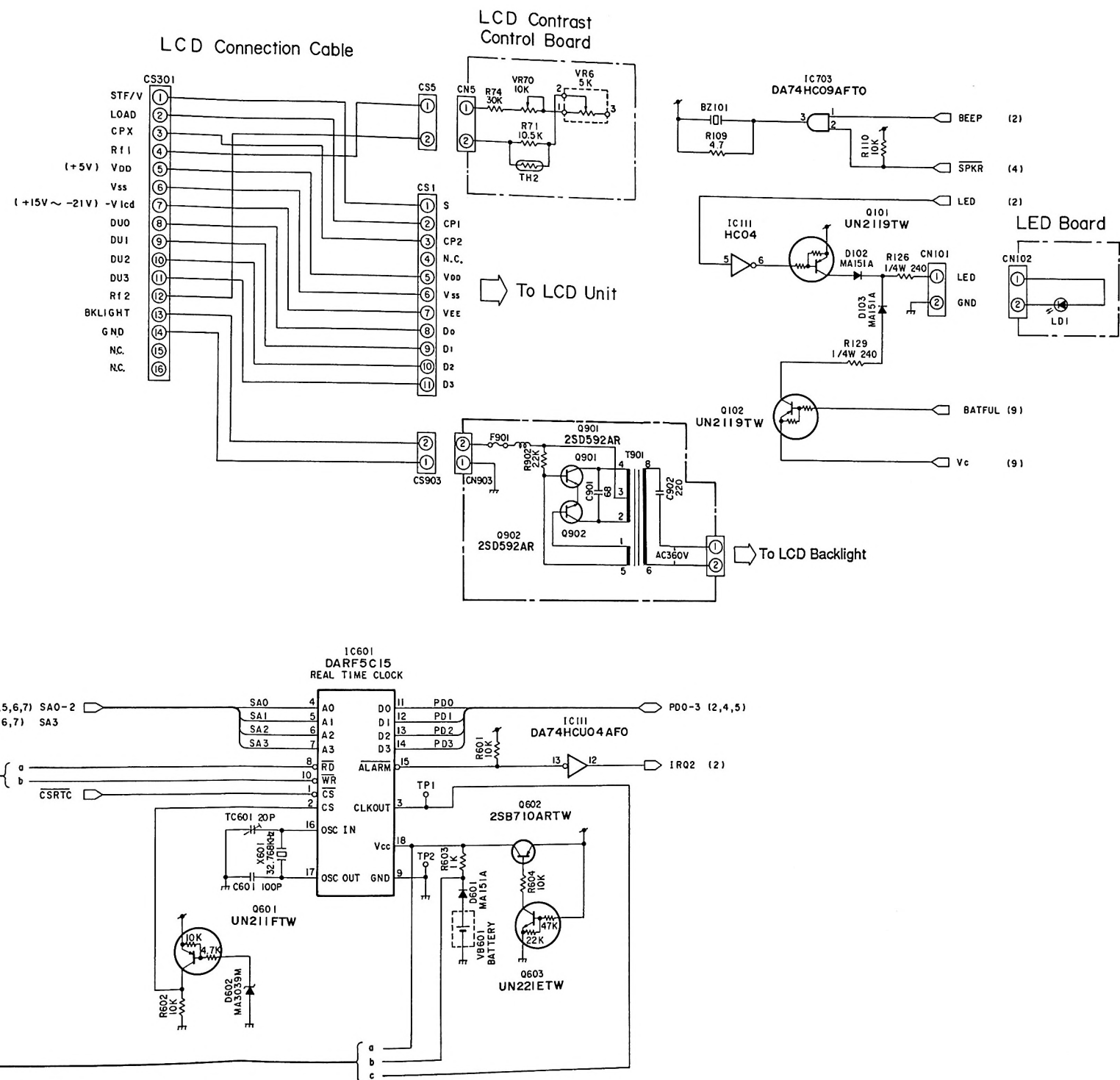
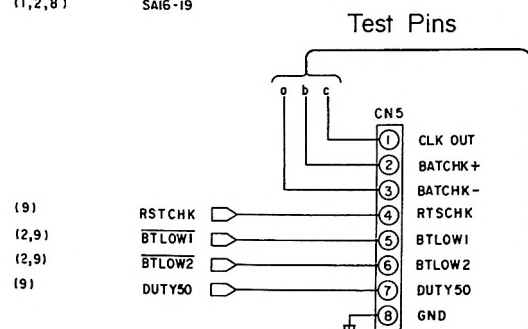
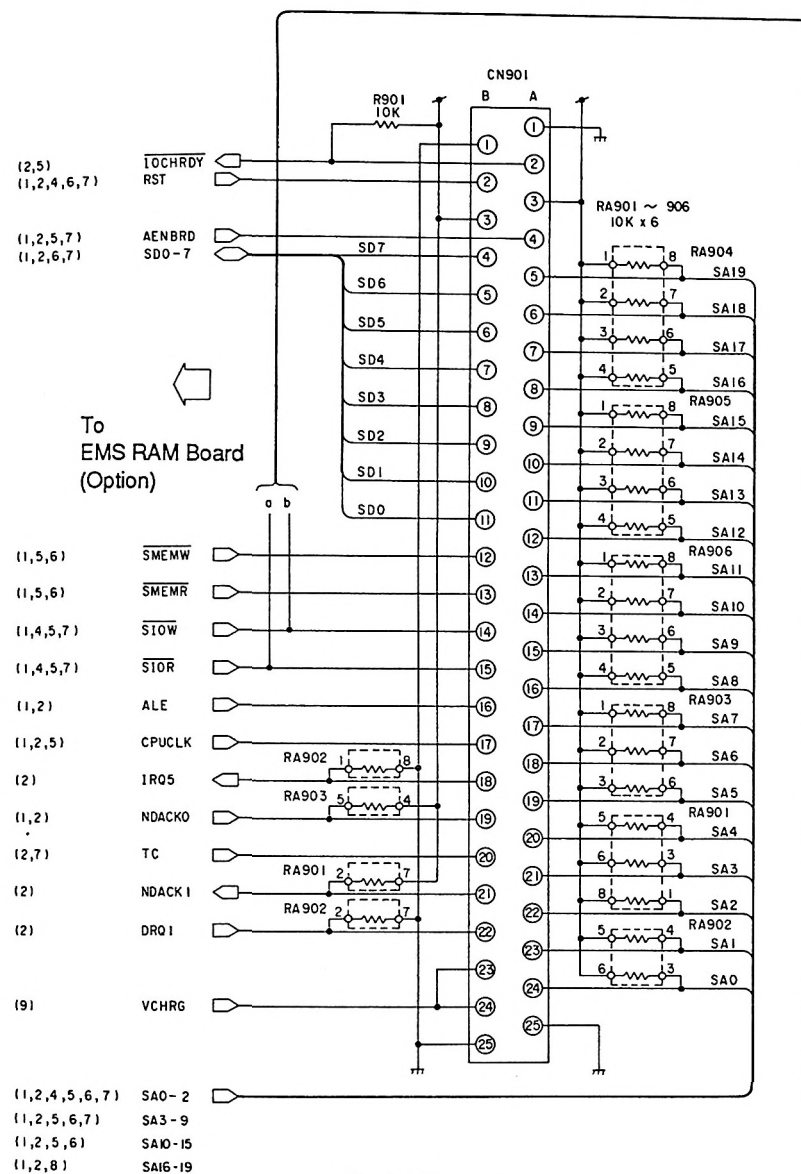
"N. C." denotes Not Connected.

Real Time Clock, Beeper, LED Board, LCD Contrast Control and Test Connector Circuits

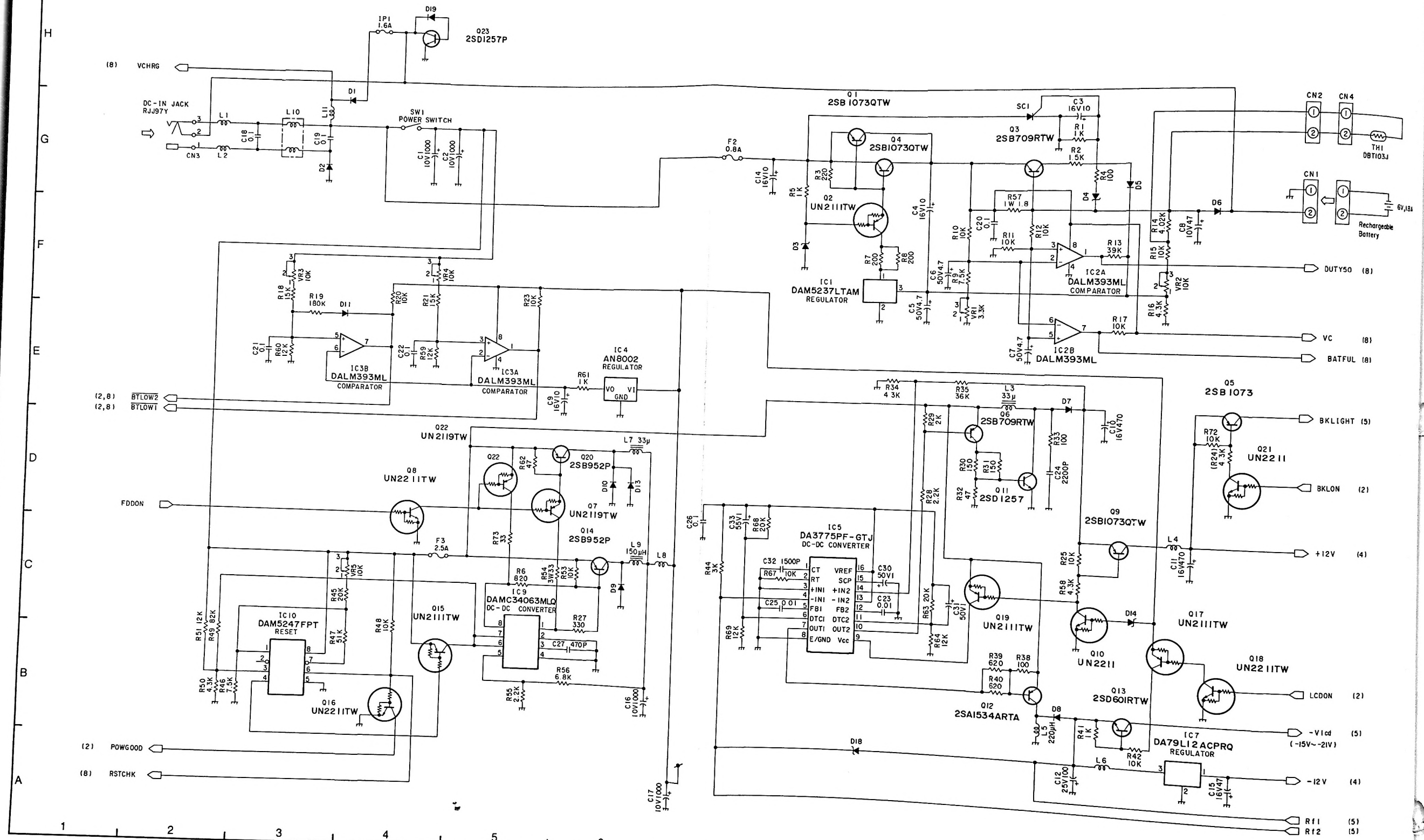
(Sheet No. 8 of 9) (Canadian and Australian versions)



Real Time Clock, Beeper, LED Board, LCD Contrast Control and Test Connector Circuits
(Sheet No. 8 of 9) (European versions)



Power Supply Circuit (Sheet No. 9 of 9)
(European versions)

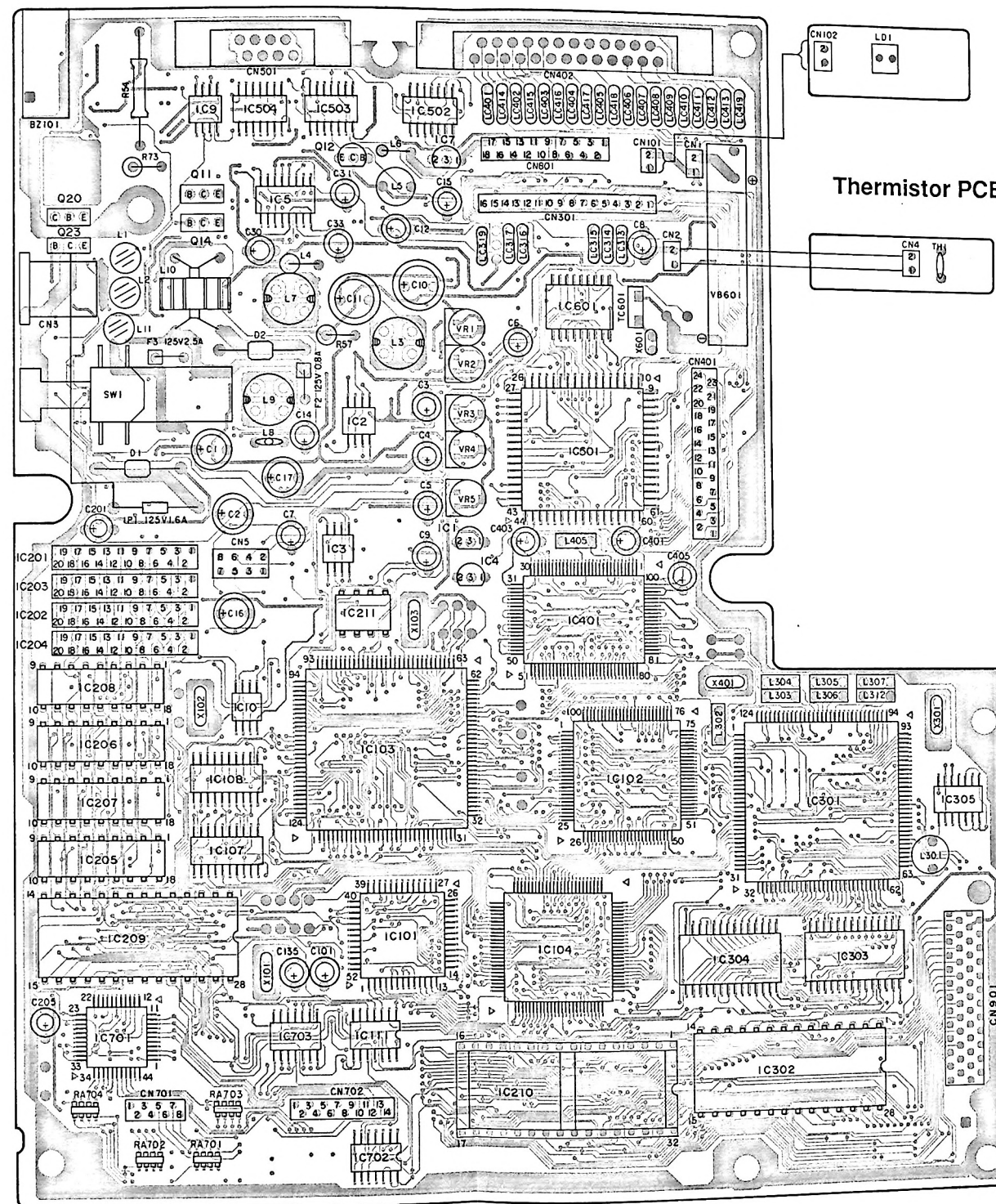


Main PCB Views (Canadian and Australian versions)

Top Views

LED PCB

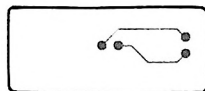
Thermistor PCB



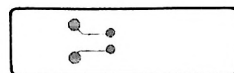
H
G
F
E
D
C
B
A

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

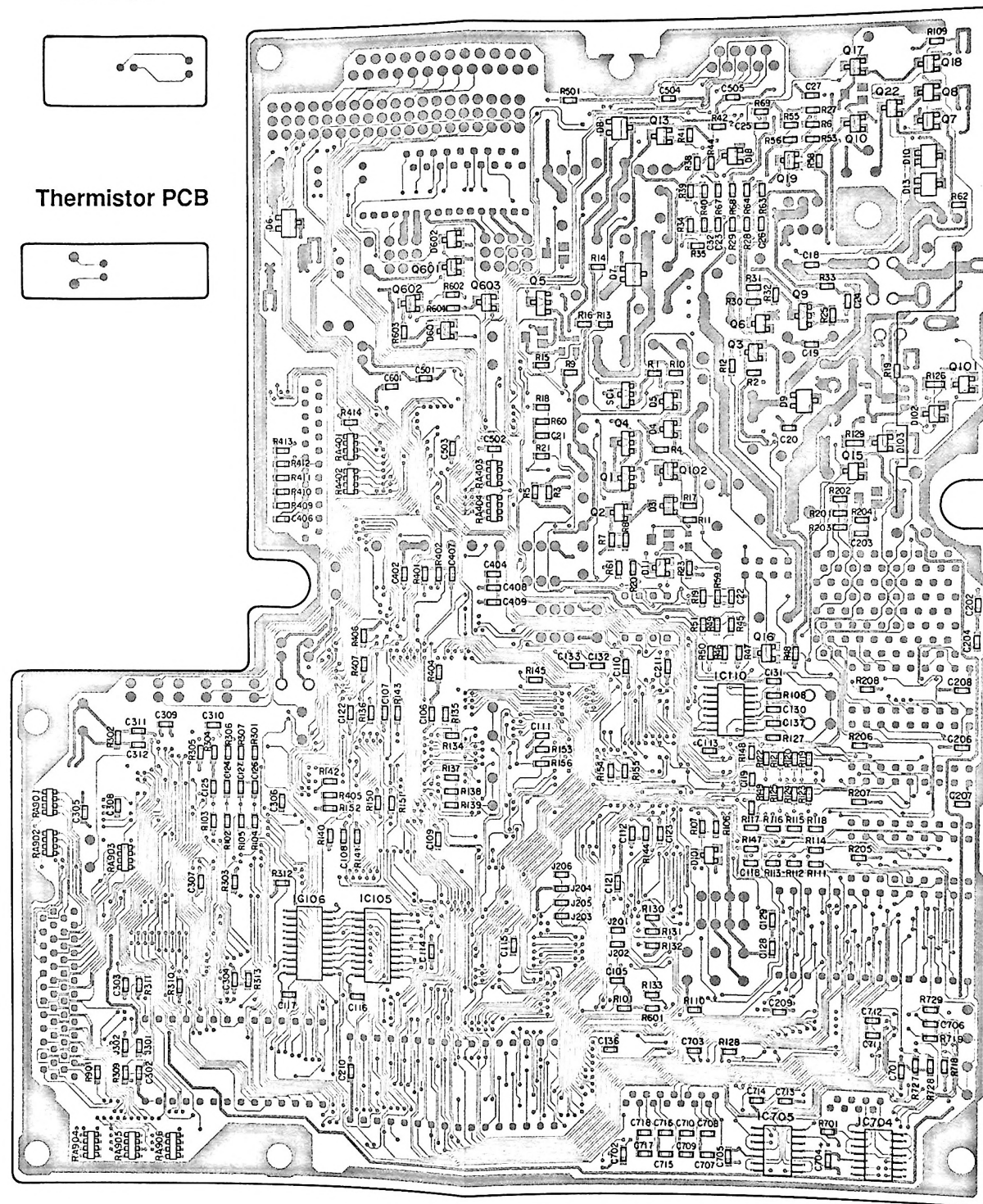
LED PCB



Thermistor PCB

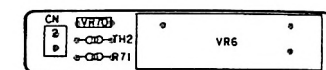


Bottom View

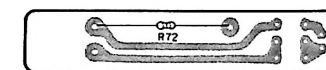


LCD Contrast Control PCB

Top View



Bottom View



PART VIII. PCB VIEWS

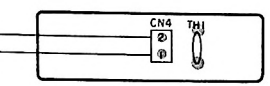
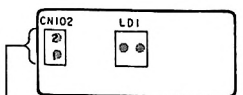
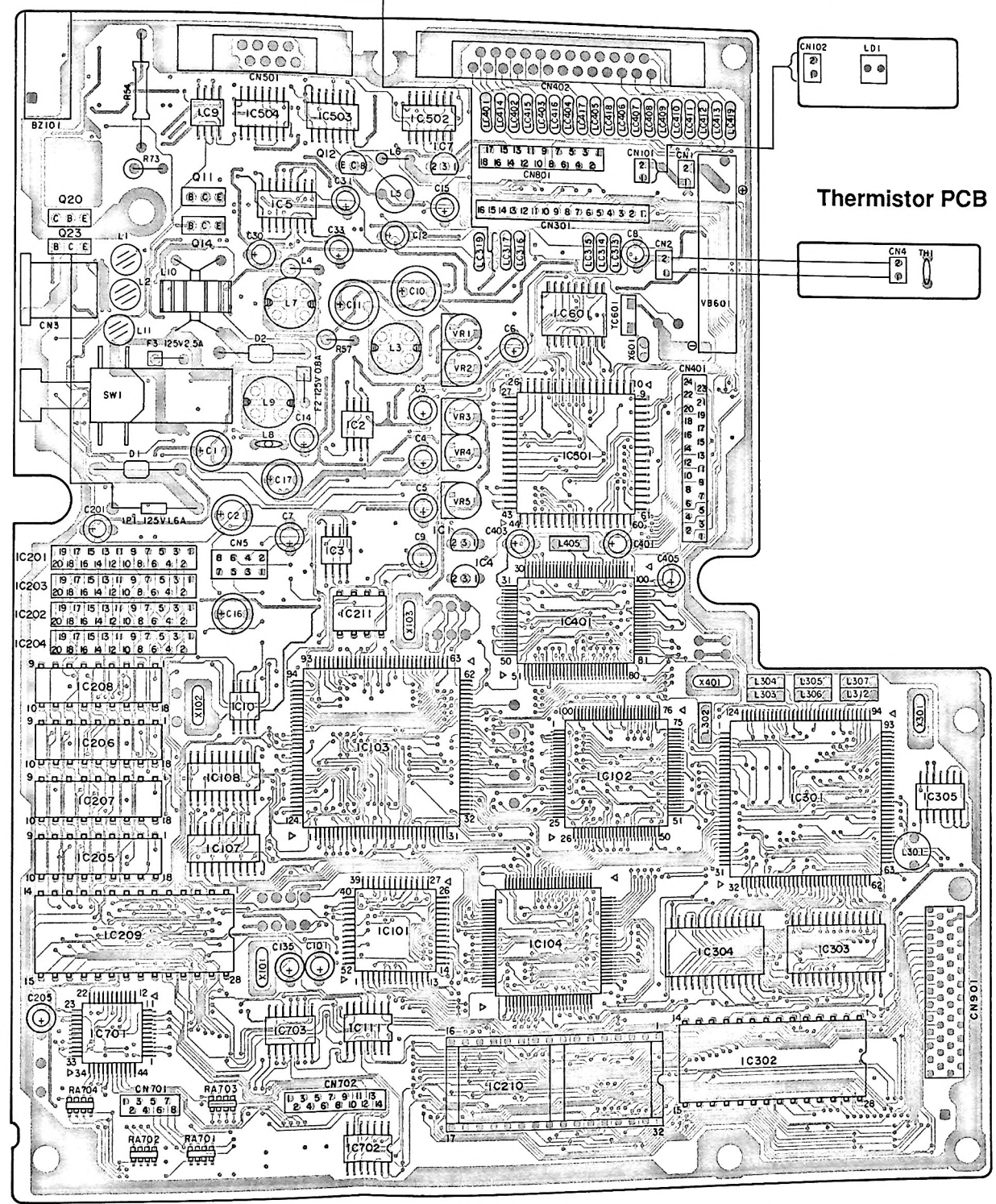
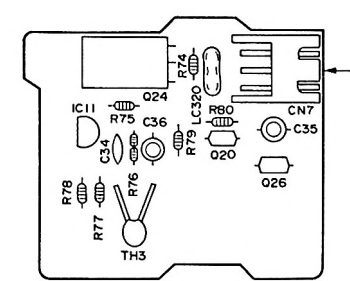
Main PCB Views
(European version)

Sub Assembly PCB

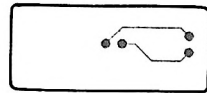
Top Views

LED PCB

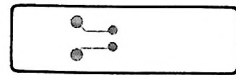
Thermistor PCB



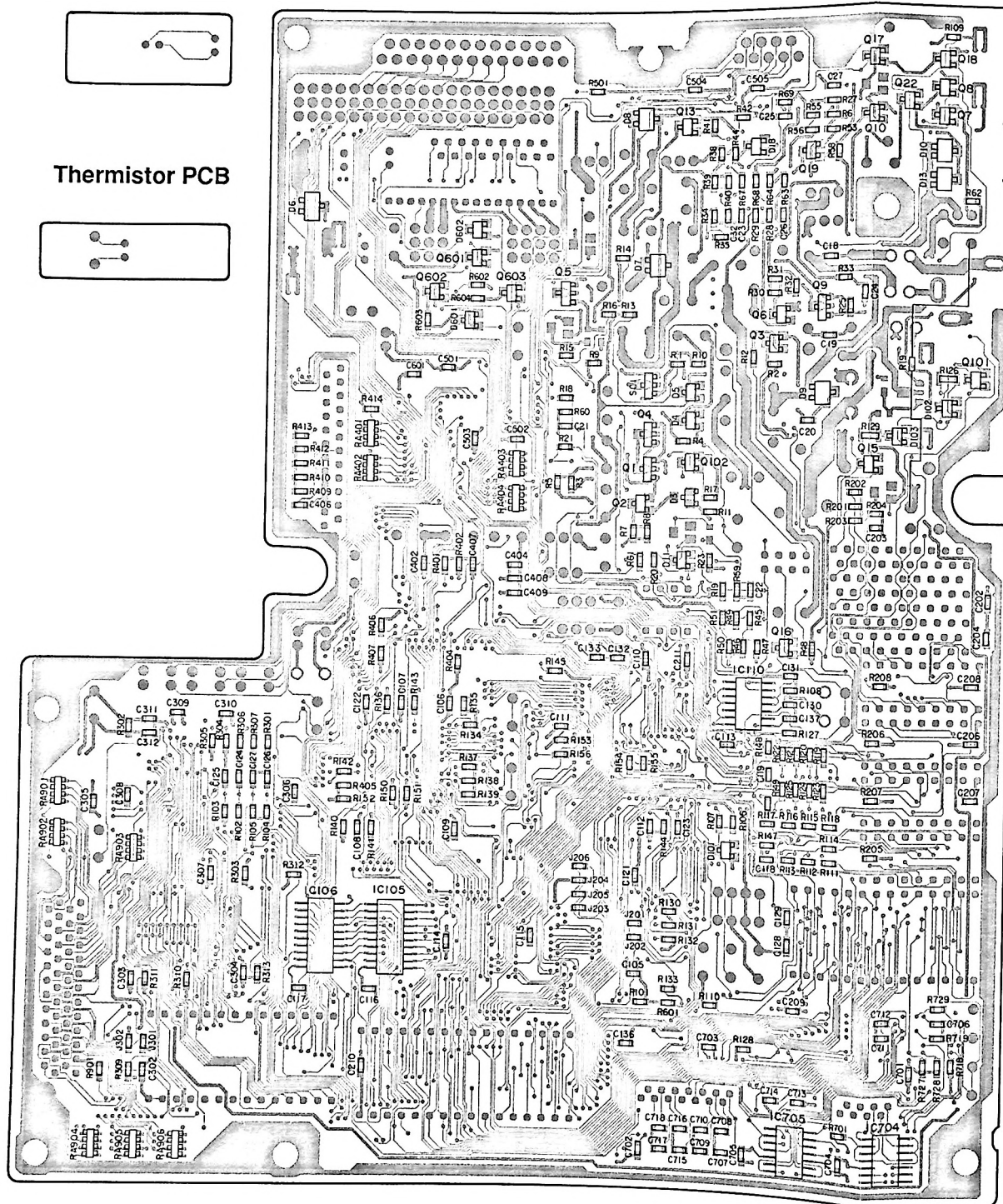
LED PCB



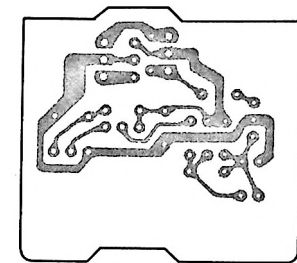
Thermistor PCB



Bottom View

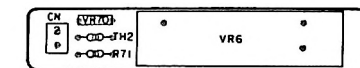


Sub Assembly PCB

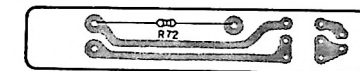


LCD Contrast Control PCB

Top View

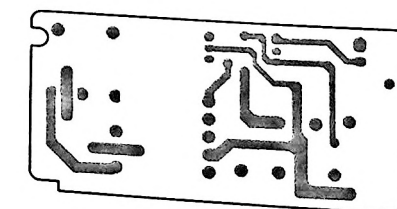
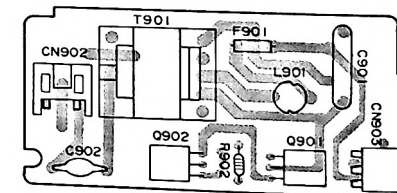


Bottom View

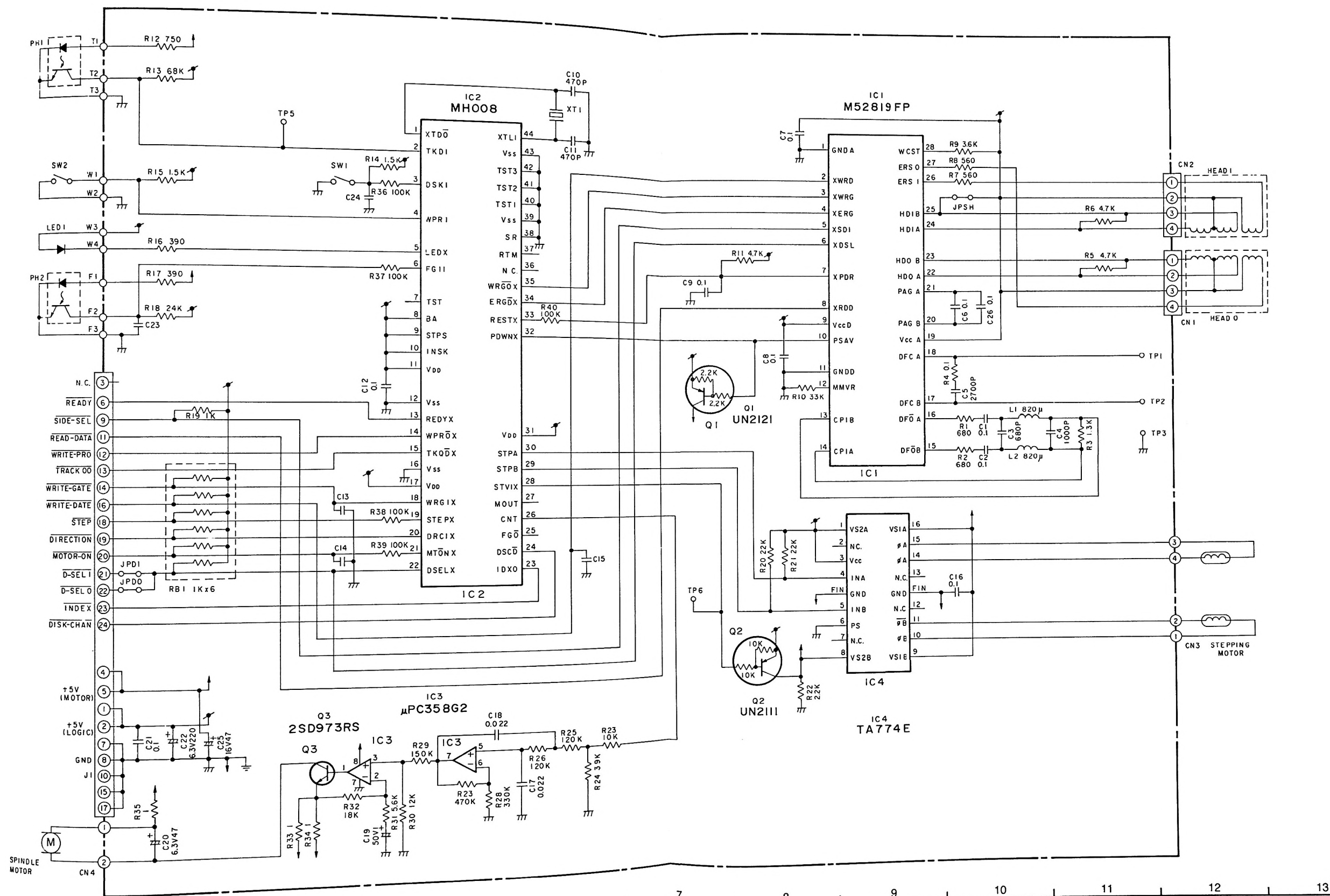


FL Inverter PCB

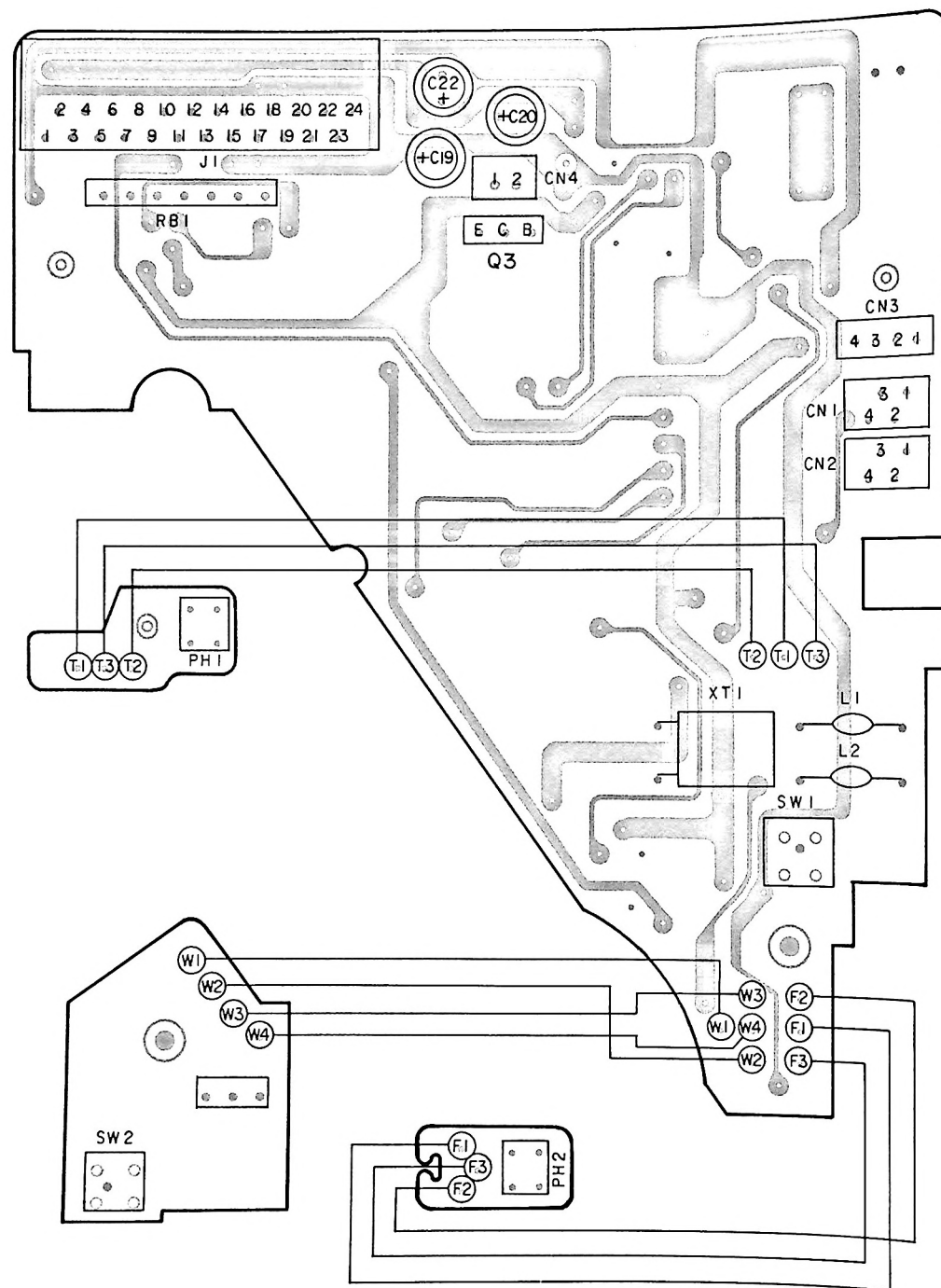
Top View



FDD Circuit Diagram



Component Side



Solder Side

