

A4

A6

9334
G14

G13

138

E11

153

E12

153

E14

283

E13

153

C1

153

+5V

R23

1K

+5

R26

12K

R27

100K

D2

20

A3

00

2 1/2" 8Ω
SPEAKER
EXTERNAL

J5
CASSETTE
DATA IN

J4
CASSETTE
DATA OUT

J14

J13

J12

J11

J10

J9

J8

J7

J6

J5

J4

J3

J2

J1

J15

J16

J17

J18

J19

J20

J21

J22

J23

J24

J25

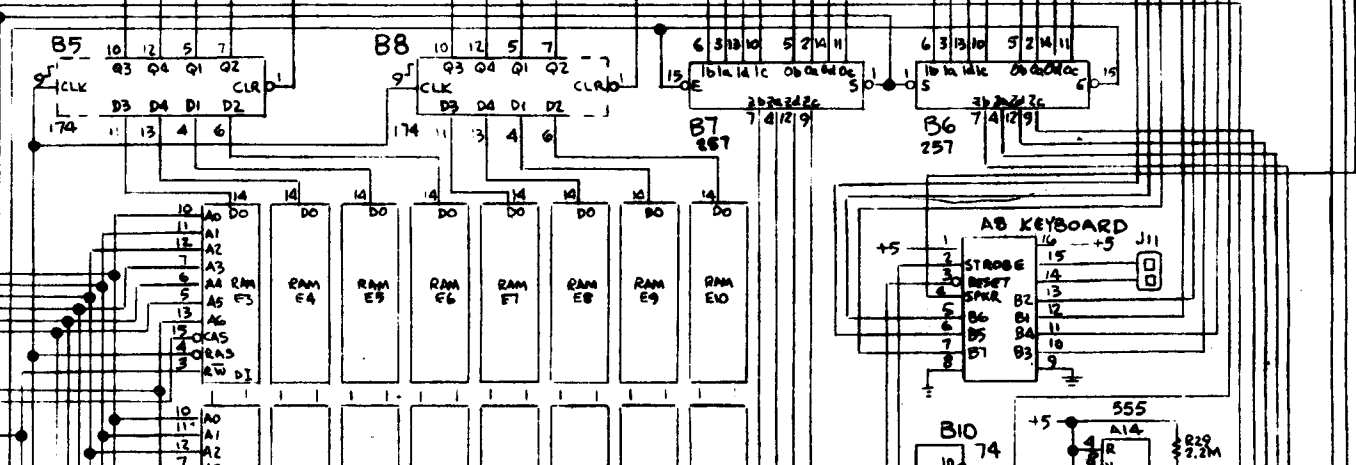
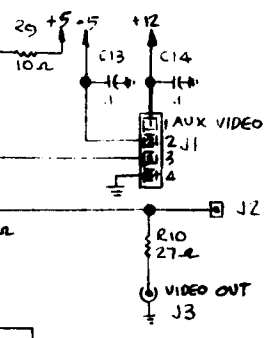
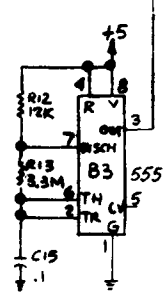
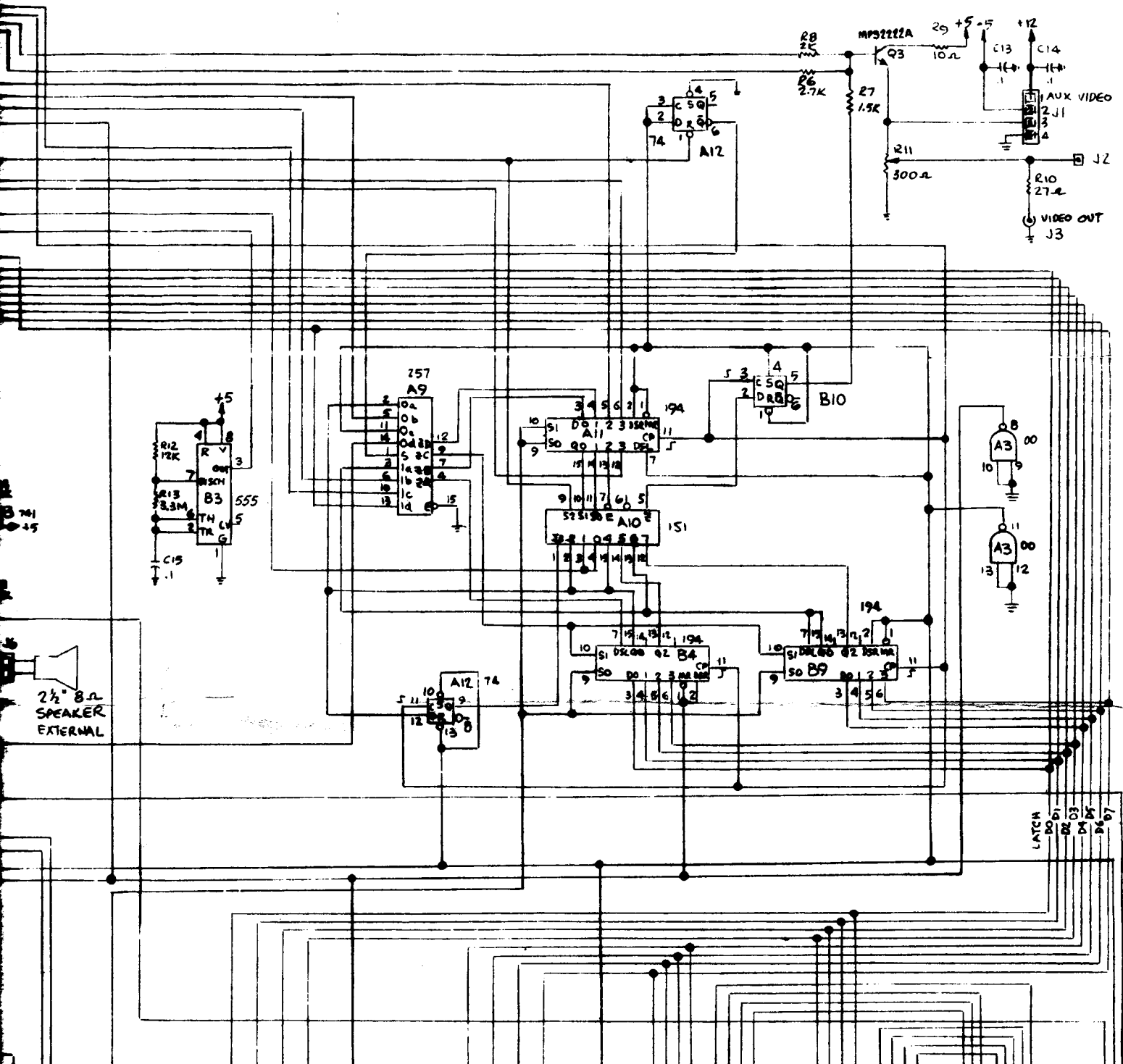
J26

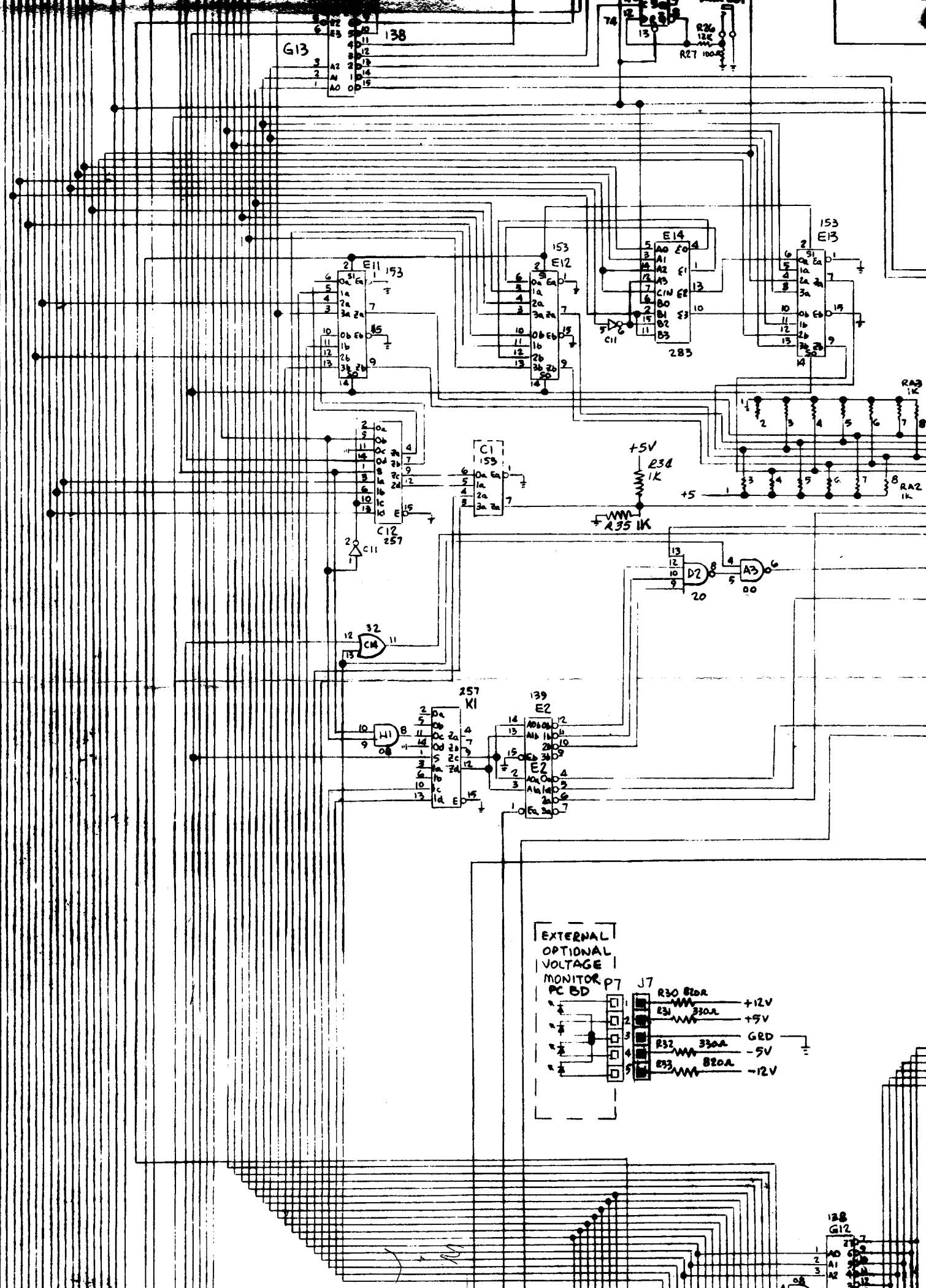
J27

J28

J29

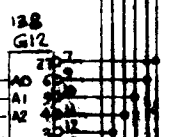
J30

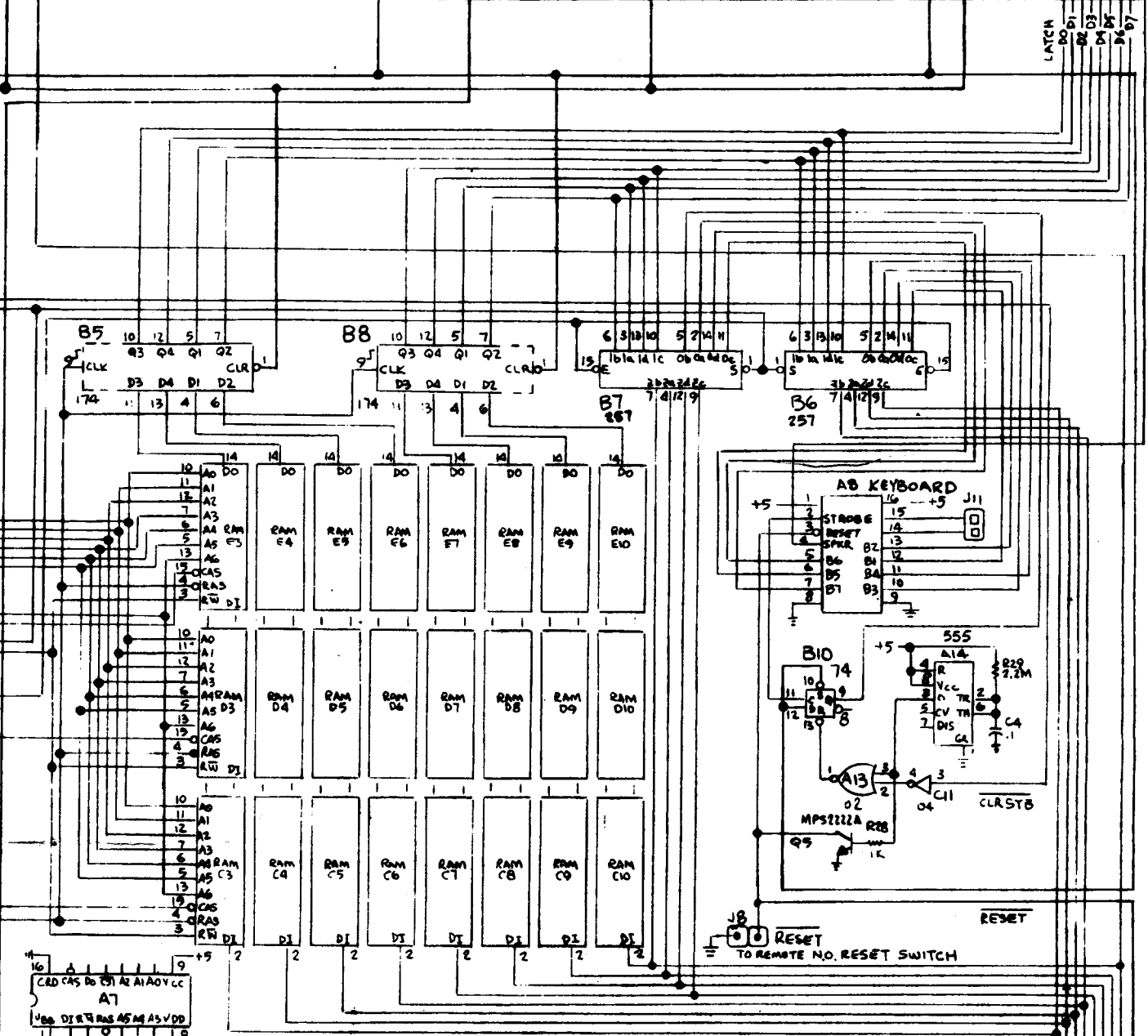




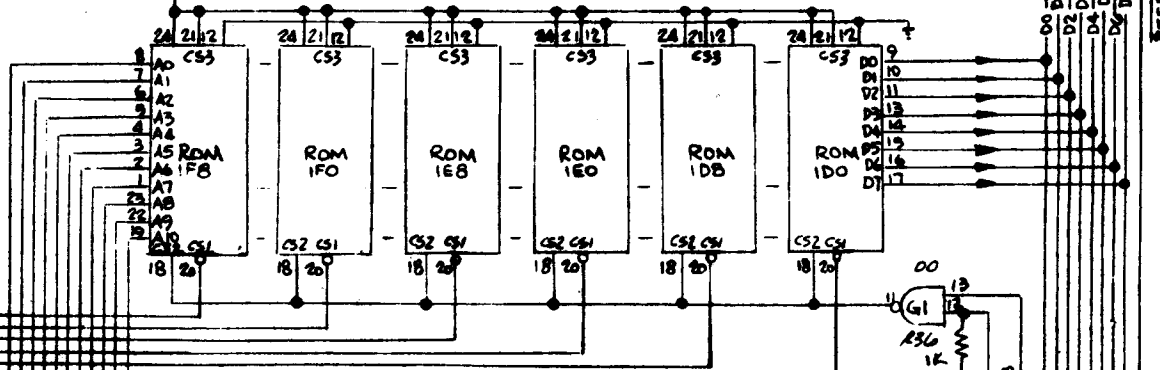
EXTERNAL
OPTIONAL
VOLTAGE
MONITOR
PCB

| | | | |
|---|-----|------|------|
| 1 | R30 | 820A | +12V |
| 2 | R31 | 330A | +5V |
| 3 | | | GRD |
| 4 | R32 | 330A | -5V |
| 5 | R33 | 820A | -12V |

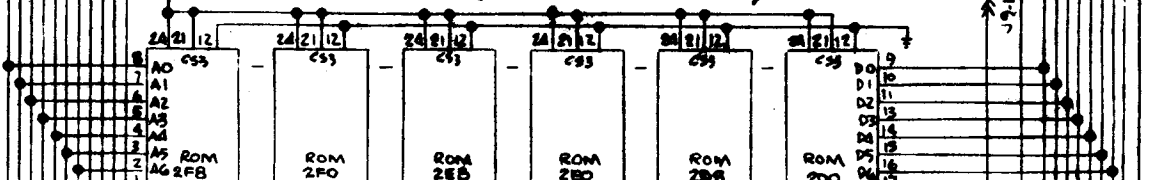




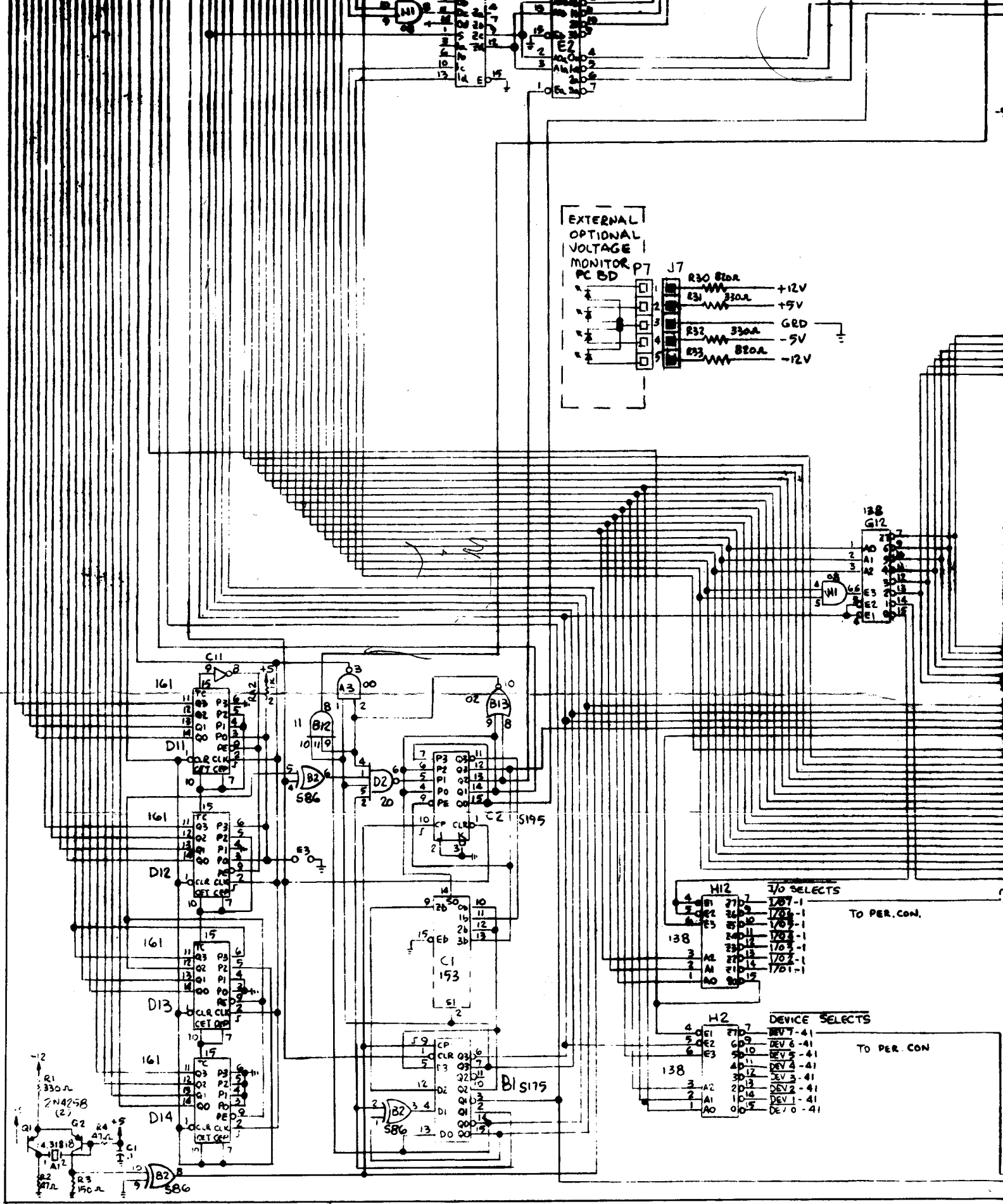
ROM BANK 1 (PC BOARD ROW F)



ROM BANK 2 (PC BOARD ROW G)



EXTERNAL ROM #2
ENABLE SWITCH = BANK 1



**EXTERNAL
OPTIONAL
VOLTAGE
MONITOR
PC BD**

| | | |
|----|----------|------|
| J7 | R30 820A | +12V |
| | R31 330A | +5V |
| | R32 330A | GRD |
| | R33 820A | -5V |
| | | -12V |

H12 I/O SELECTS

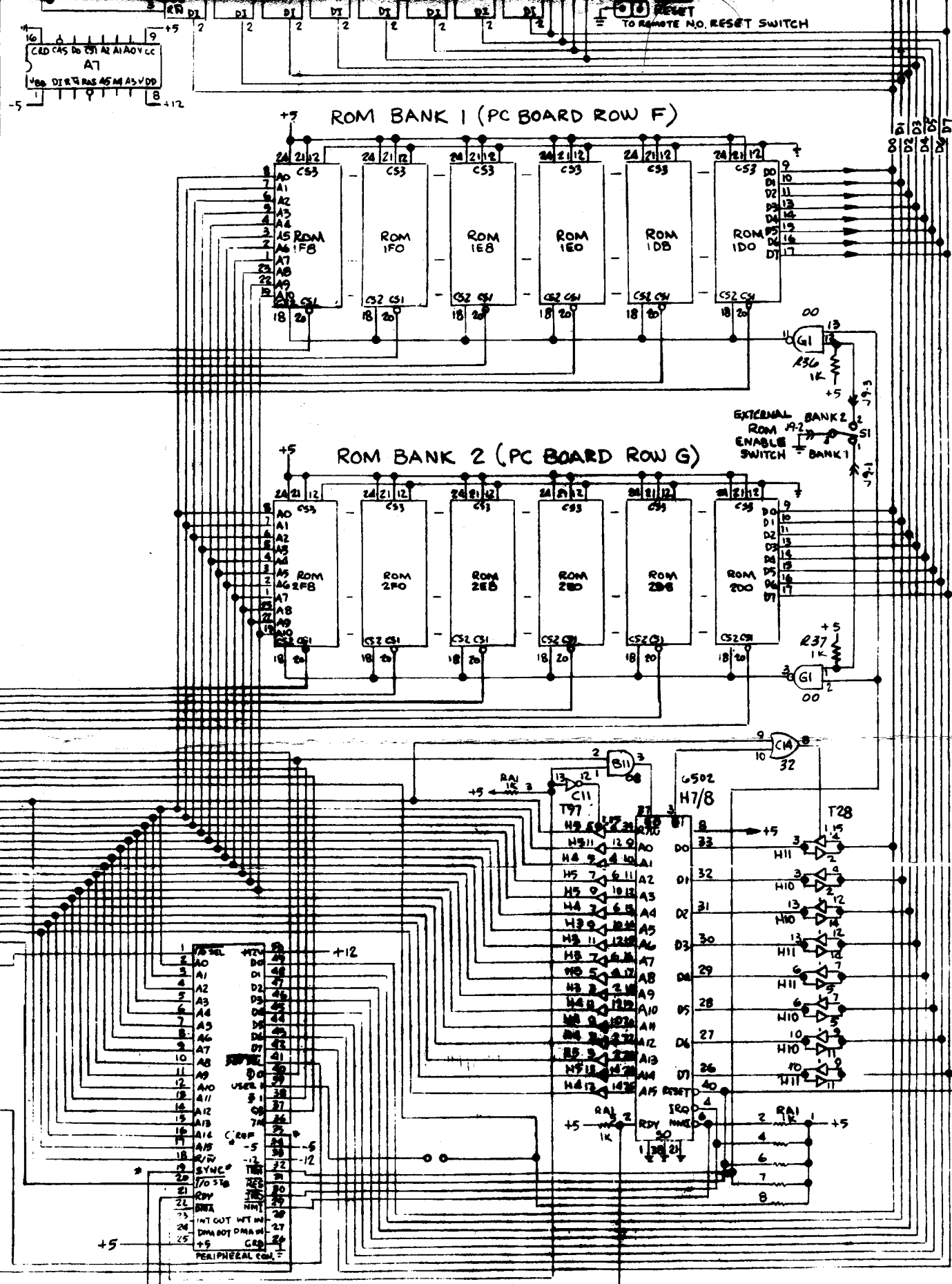
| | | | |
|---|----|----|--------|
| 4 | E1 | 27 | 1707-1 |
| 3 | E2 | 26 | 1708-1 |
| 2 | E3 | 25 | 1709-1 |
| | | 24 | 1710-1 |
| | | 23 | 1711-1 |
| | | 22 | 1712-1 |
| | | 21 | 1713-1 |
| | | 20 | 1714-1 |
| | | 19 | 1715-1 |
| | | 18 | 1716-1 |

TO PER. CON.

H2 DEVICE SELECTS

| | | | |
|---|----|----|------------|
| 4 | E1 | 27 | DEV 7 - 41 |
| 3 | E2 | 26 | DEV 8 - 41 |
| 2 | E3 | 25 | DEV 9 - 41 |
| | | 24 | DEV 0 - 41 |
| | | 23 | DEV 1 - 41 |
| | | 22 | DEV 2 - 41 |
| | | 21 | DEV 3 - 41 |
| | | 20 | DEV 4 - 41 |
| | | 19 | DEV 5 - 41 |
| | | 18 | DEV 6 - 41 |

TO PER. CON.



* I/O ONLY, PINS 19 & 35 ARE BUSSED I/O 0 THRU 6.
 NOTE: CONNECTOR 0 DOES NOT GET I/O SEL (PINS)
 2- ALL IC'S ARE 74LSXX UNLESS NOTED OTHERWISE

FRANKLIN
 COMPUTER DIVISION
 PENNSAUKEN, NJ 08109

REV
 REV
 REV