MEMORY MAP

| HEXA-DECIMAL ADDRESS	A15	A14	A13	A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0	R/W	D7	D6	D5	D4	D3	D2	D1	D0	FUNCTION
CPU PCB																										
0000–1FFF	0	0	0	A	A	A	A	A	A	A	A	A	A	A	A	A	R	D	D	D	D	D	D	D	D	MASTER PROGRAM
0000–2FFF	0	0	1	A	A	A	A	A	A	A	A	A	A	A	A	A	R	D	D	D	D	D	D	D	D	MASTER PROGRAM
0000–1FFF	0	0	0	A	A	A	A	A	A	A	A	A	A	A	A	A	R	D	D	D	D	D	D	D	D	MOTION PROGRAM
0000–1FFF	0	0	0	A	A	A	A	A	A	A	A	A	A	A	A	A	R	D	D	D	D	D	D	D	D	SOUND PROGRAM
6800	0	1	1	0	1					0	0	0		0	0	0	W									SOUND RAM 0
6810	0	1	1	0	1					0	0	1		0	0	0	W									SOUND RAM 1
6820	0	1	1	0	1					0	1	0		0	0	0	W									CLEAR
6821	0	1	1	0	1					0	1	0		0	0	1	W									CLEAR
6822	0	1	1	0	1					0	1	0		0	1	0	W									$\overline{\text{NMION}}$
6823	0	1	1	0	1					0	1	0		0	1	1	W									$\overline{\text{RESET}}$
6824–6827	0	1	1	0	1					0	1	0		A	A	A	W									NOT USED
6830	0	1	1	0	1						1	1					W									$\overline{\text{WDR}}$
6840	0	1	1	0	1						A	A		A	A	A	R							D	D	$\overline{\text{DIP SW}}$
7000	0	1	1	1	0												R/W	D	D	D	D	D	D	D	D	$\overline{\text{I/O DECODE}}$
7100	0	1	1	1	0												R/W									I/O CONTROL
7800	0	1	1	1	1	A	A	A	A	A	A	A	A	A	A	A	R/W	D	D	D	D	D	D	D	D	$\overline{\text{RAM}}$
VIDEO PCB																										
8000–8FFF	1	0	0	0		A	A	A	A	A	A	A	A	A	A	A	R/W	D	D	D	D	D	D	D	D	$\overline{\text{RAM 2S}}$
9000–9FFF	1	0	0	1		A	A	A	A	A	A	A	A	A	A	A	R/W	D	D	D	D	D	D	D	D	$\overline{\text{RAM 2R}}$
A000–AFFF	1	0	1	0		A	A	A	A	A	A	A	A	A	A	A	R/W	D	D	D	D	D	D	D	D	$\overline{\text{RAM 2P}}$
B000–BFFF	1	0	1	1		A	A	A	A	A	A	A	A	A	A	A	R/W	D	D	D	D	D	D	D	D	$\overline{\text{RAM 1}}$
C000–CFFF	1	1	0	0		A	A	A	A	A	A	A	A	A	A	A	R/W	D	D	D	D	D	D	D	D	$\overline{\text{RAM 2}}$
D000	1	1	0	1													R									$\overline{\text{PAL}}$
F000	1	1	1	1												0	R/W									$\overline{\text{BB0}}$ (Read) $\overline{\text{BSO}}$ (Write)
F001	1	1	1	1												1	R/W									$\overline{\text{BB1}}$ (Read) $\overline{\text{BS1}}$ (Write)
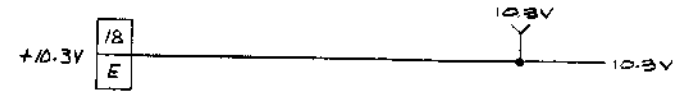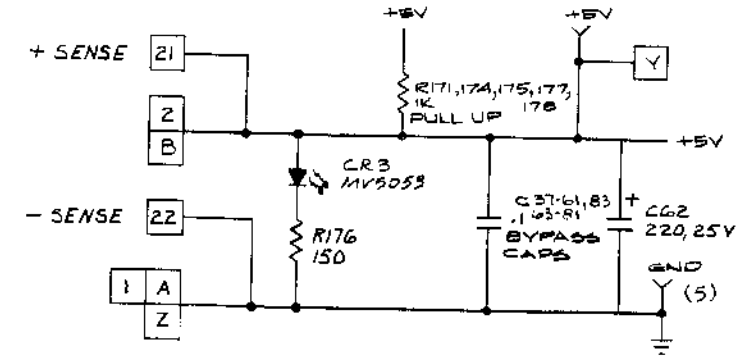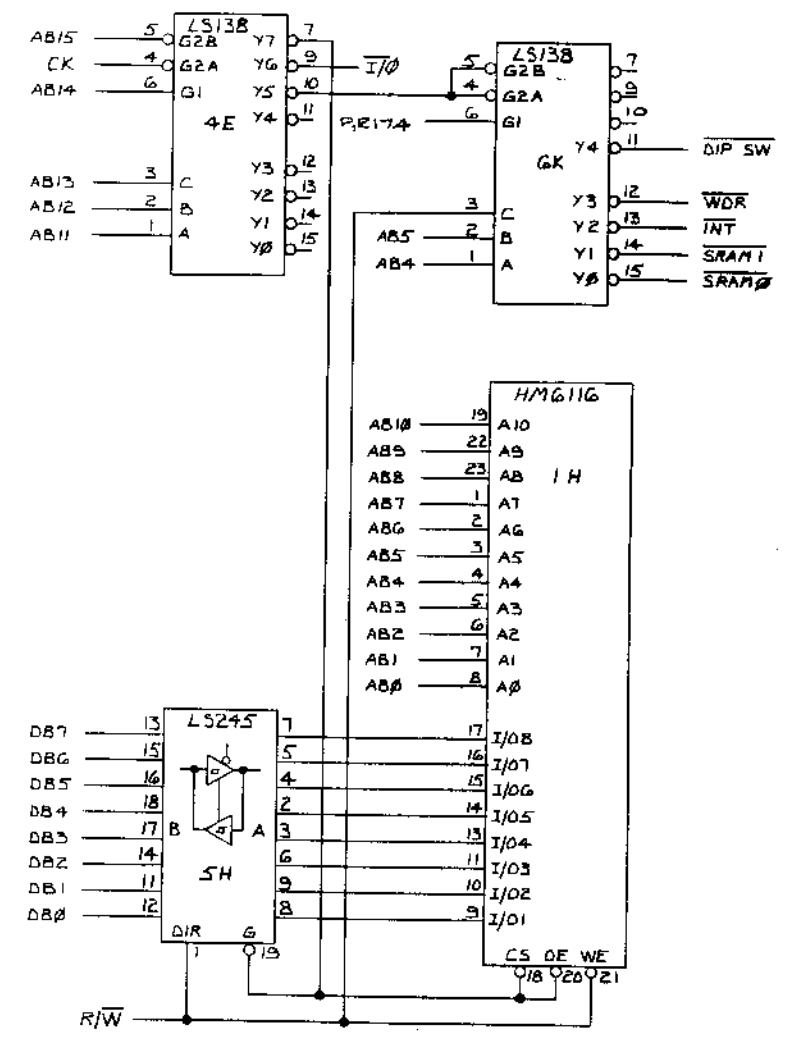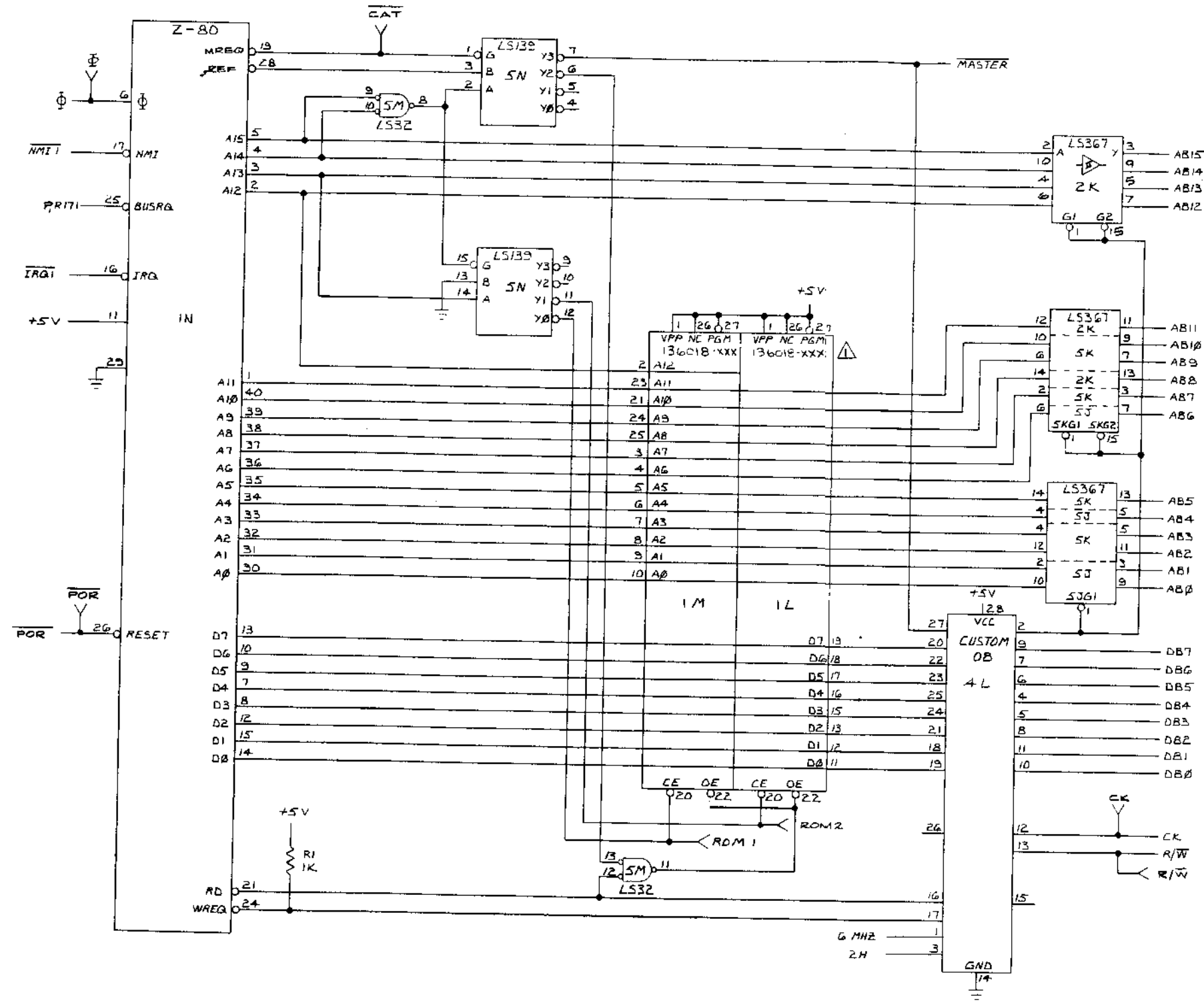
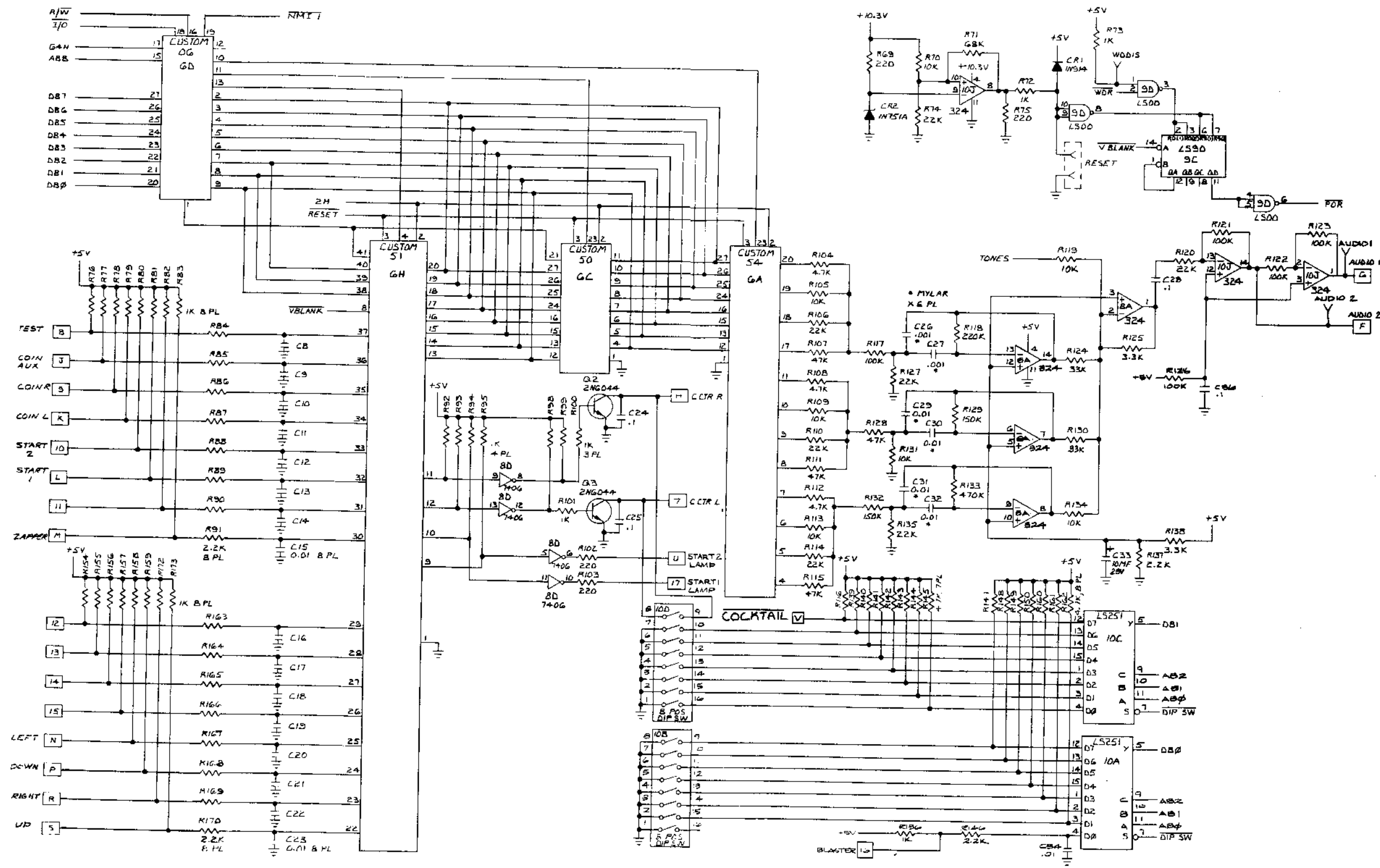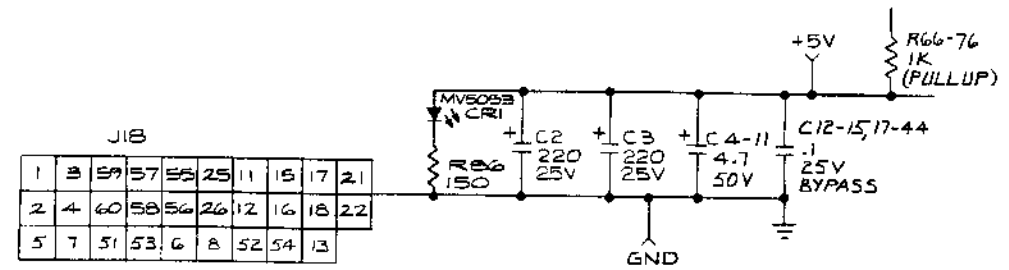**Xevious CPU PCB Schematic Diagram**

Sheet 4A
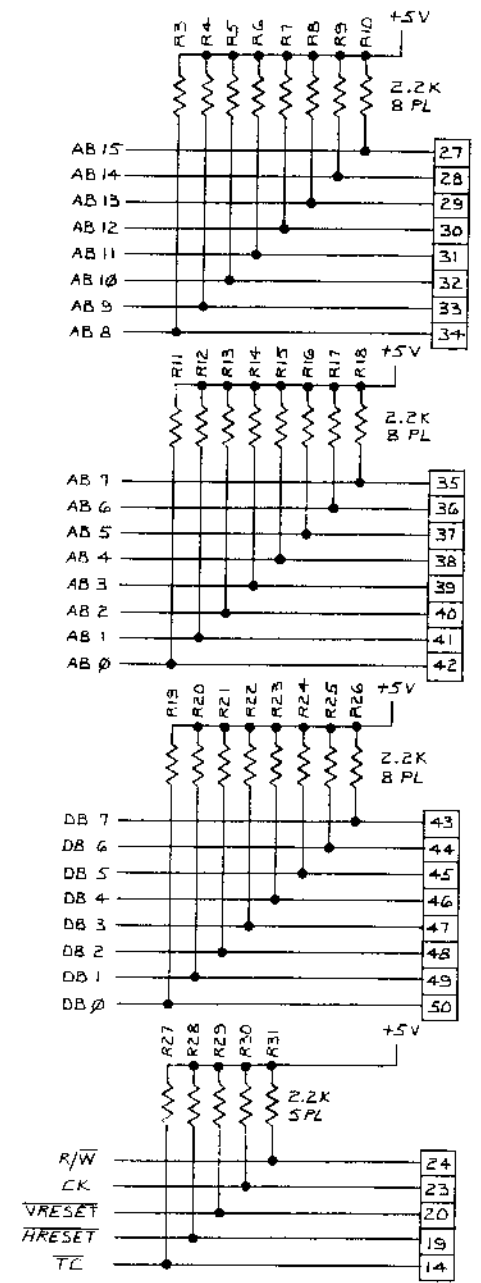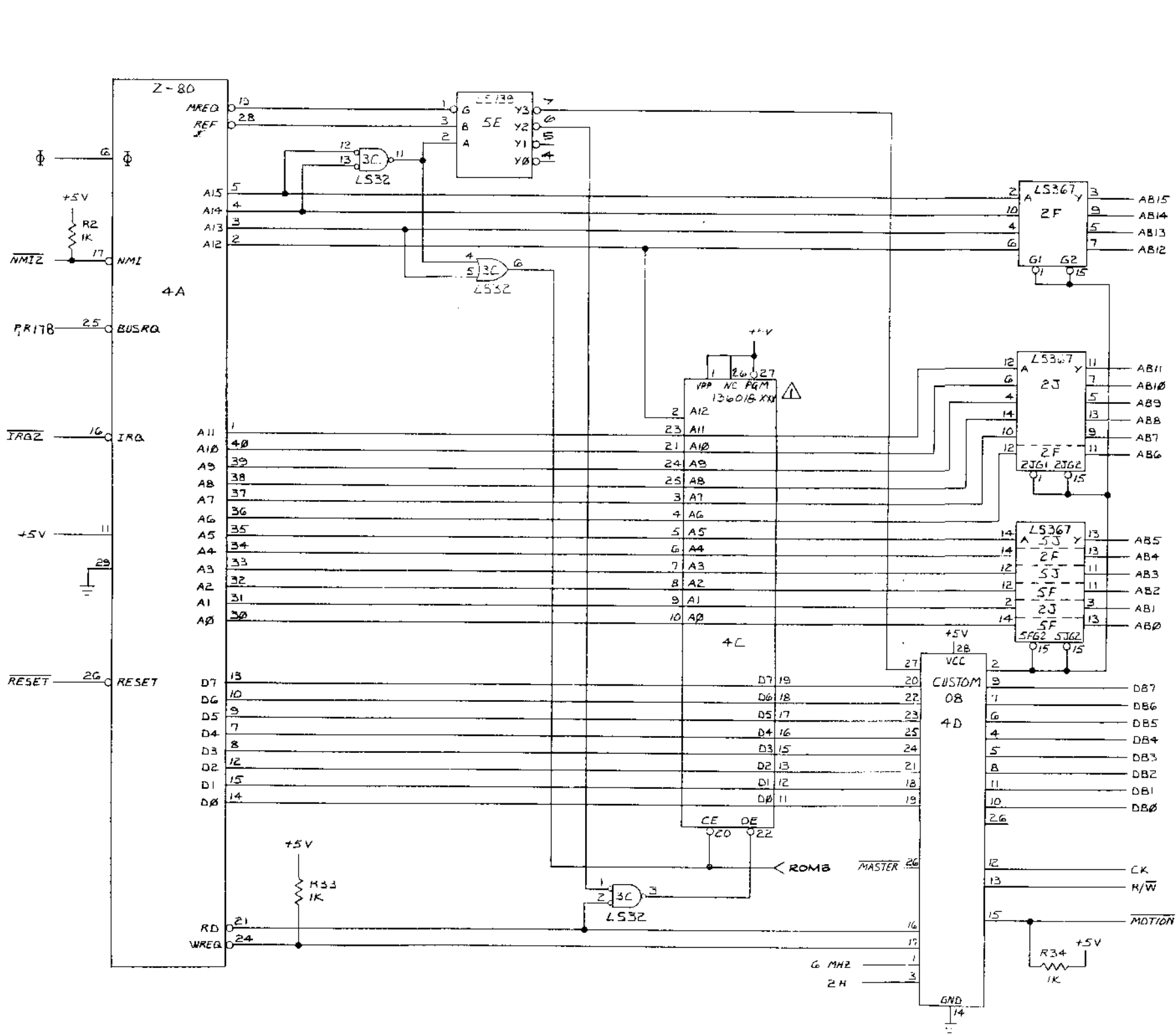
Xevious CPU PCB Schematic Diagram
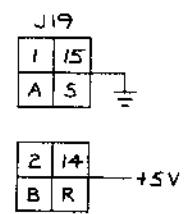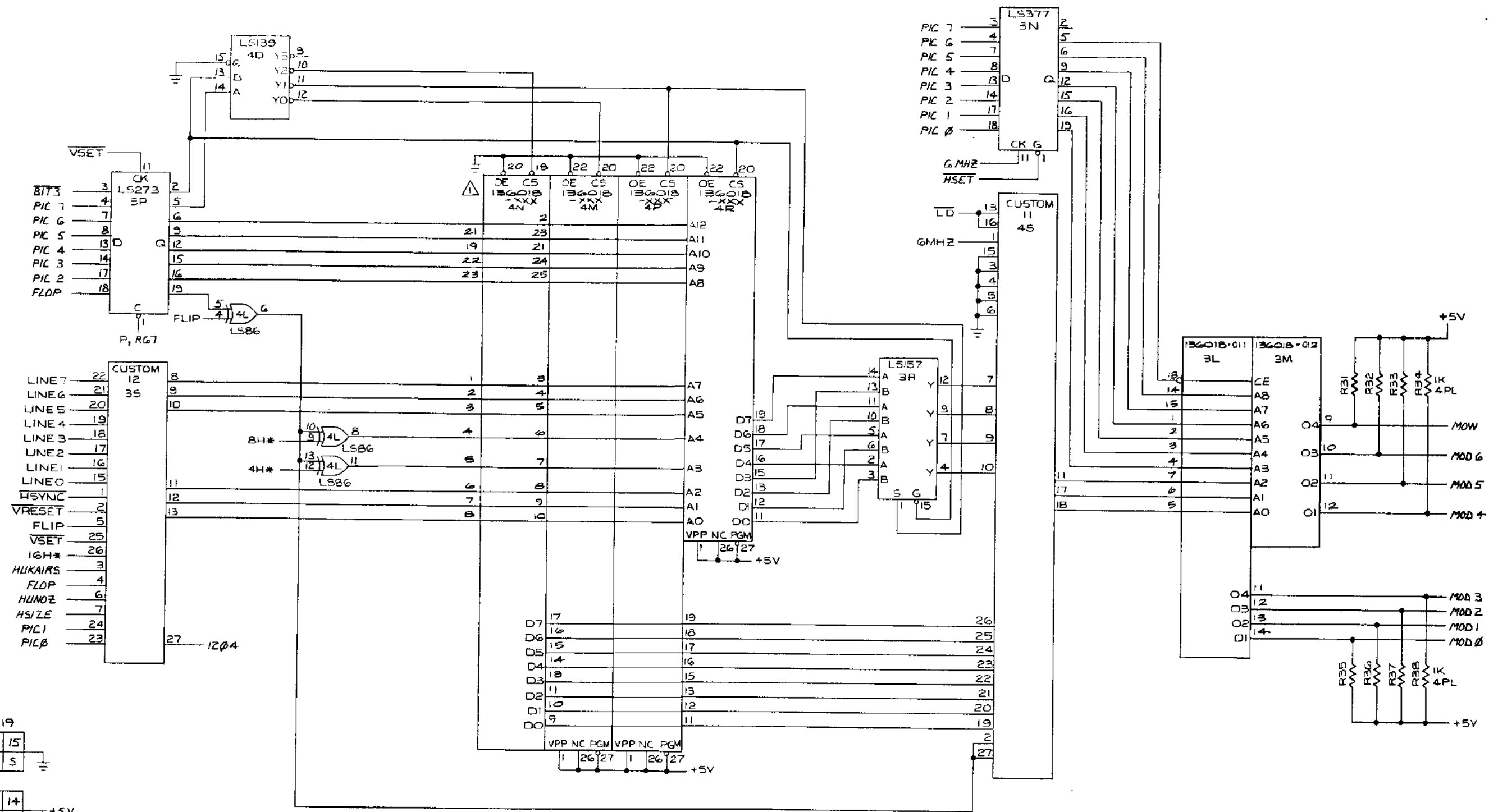Sheet 4B
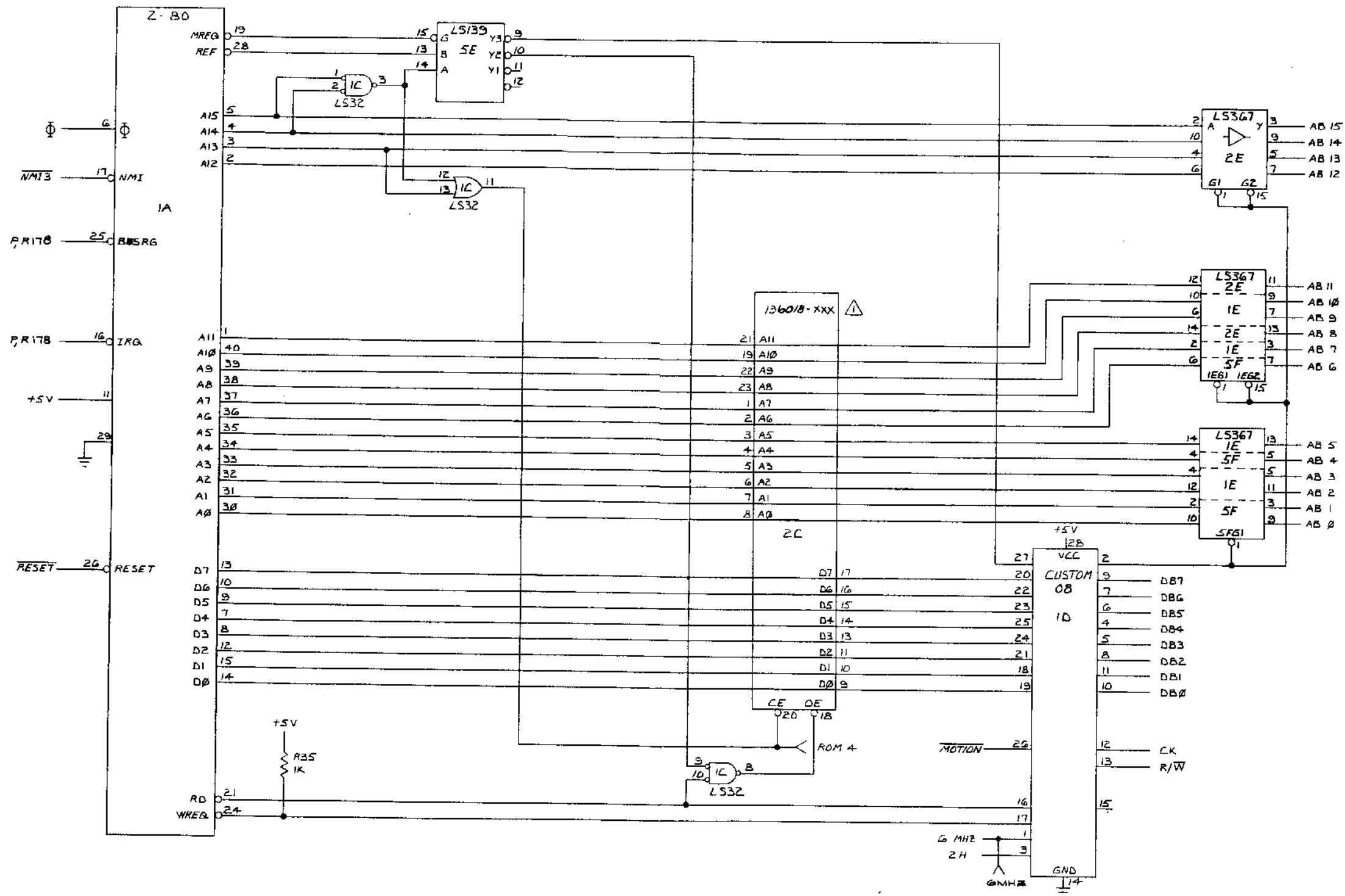
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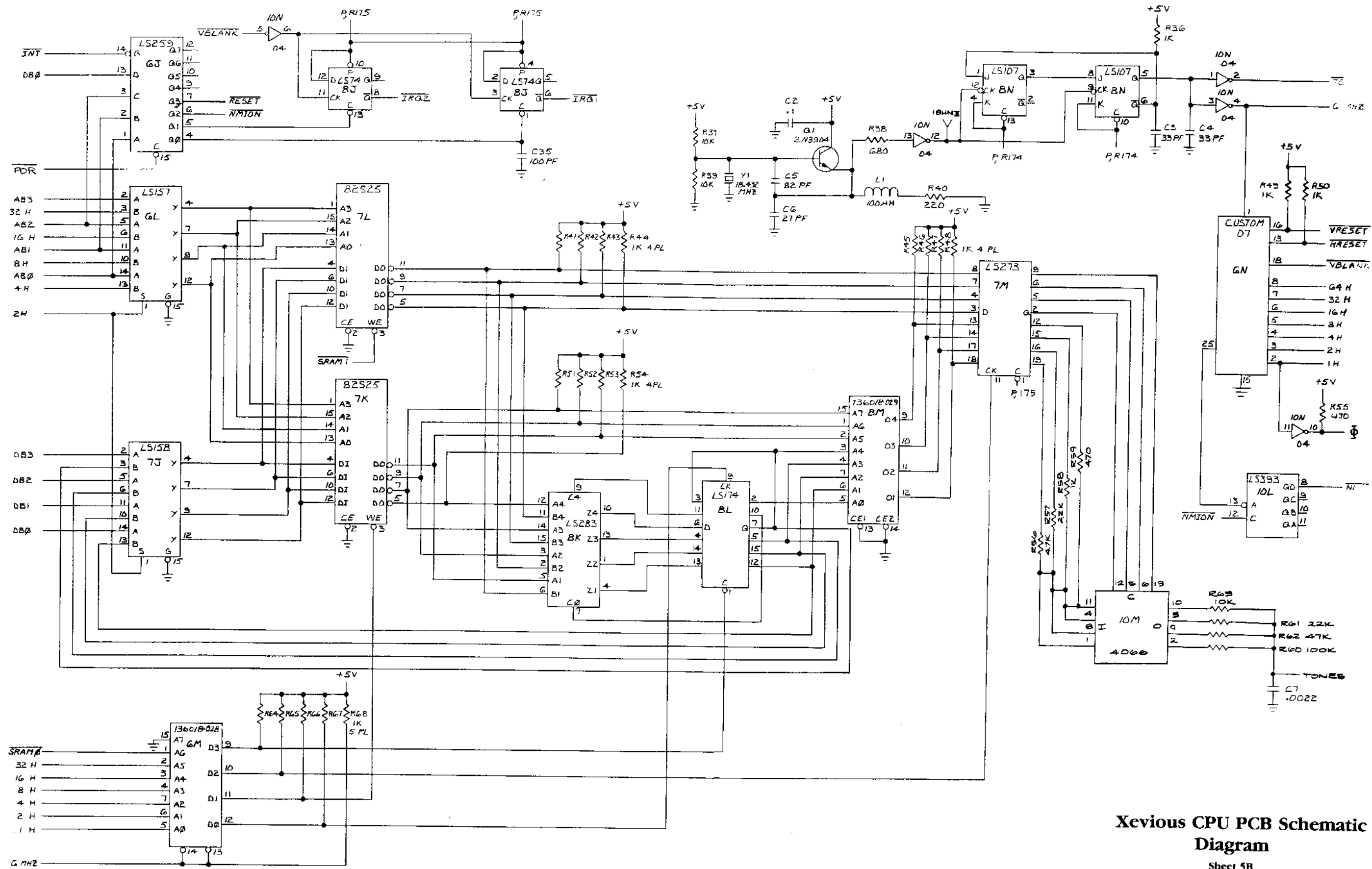
Sheet 5A

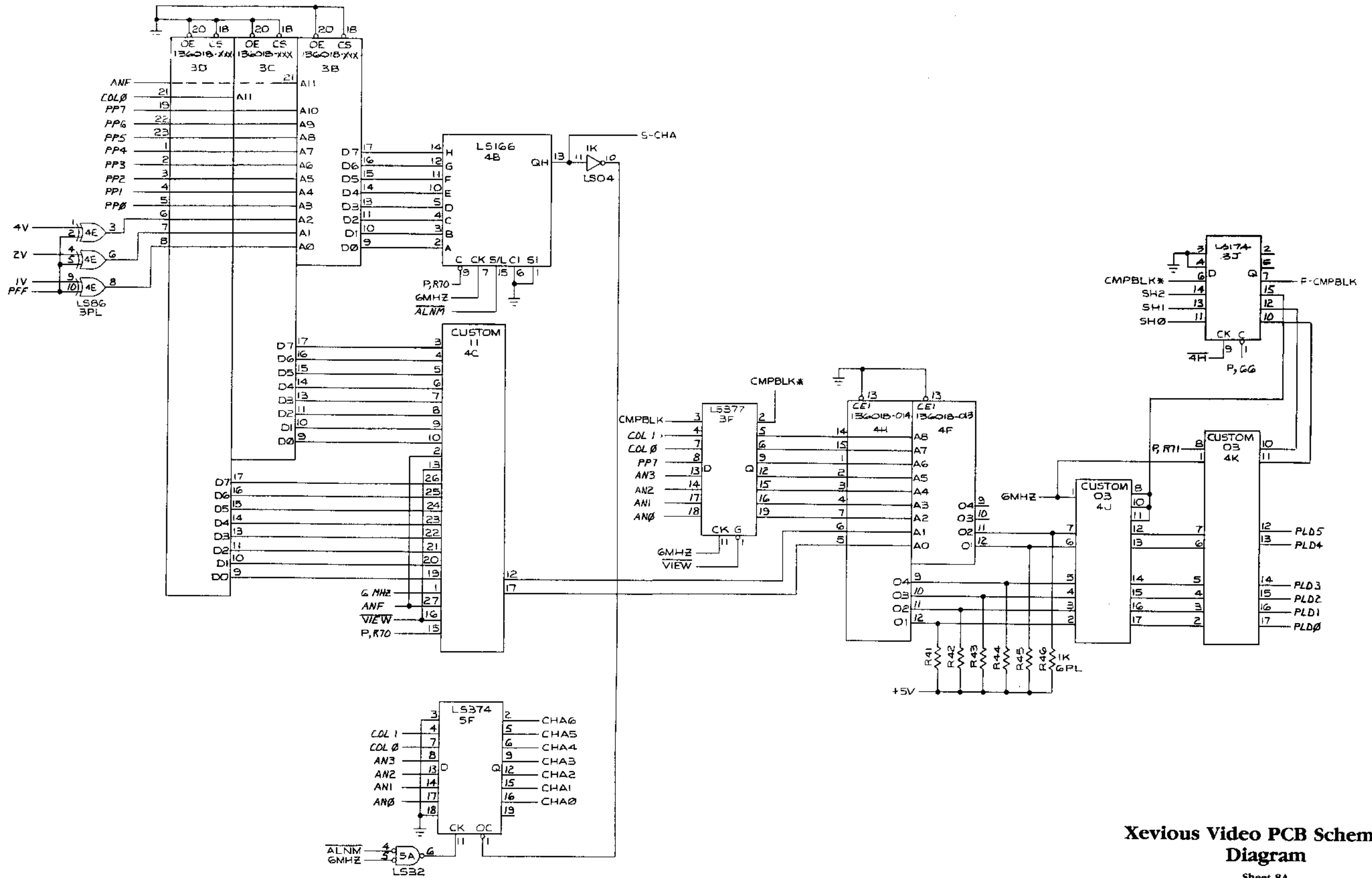**Xevious CPU PCB Schematic Diagram**
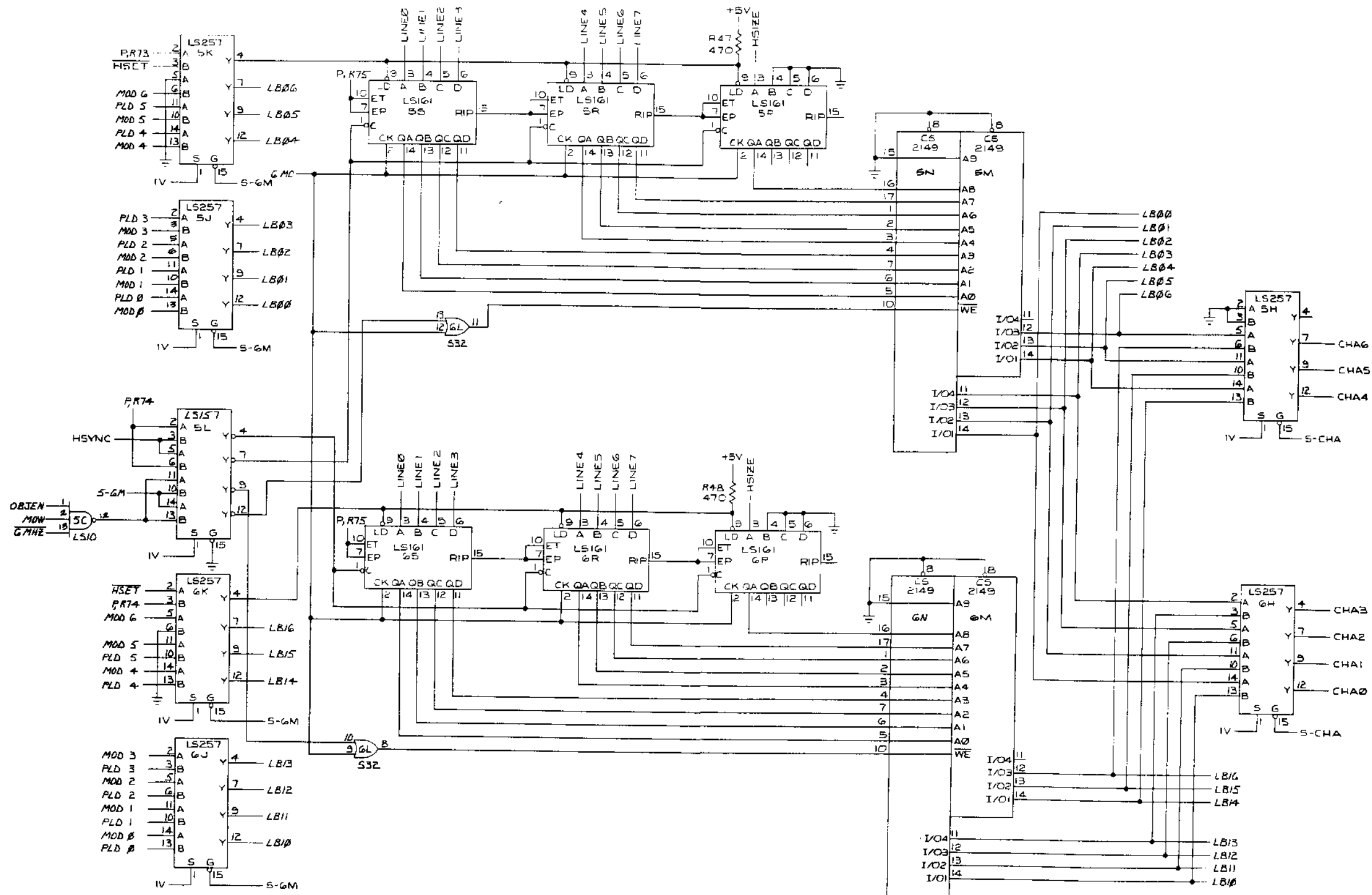
Sheet 5B

Xevious CPU PCB Schematic Diagram

Sheet 6A

Xevious Video PCB Schematic Diagram

Sheet 6B
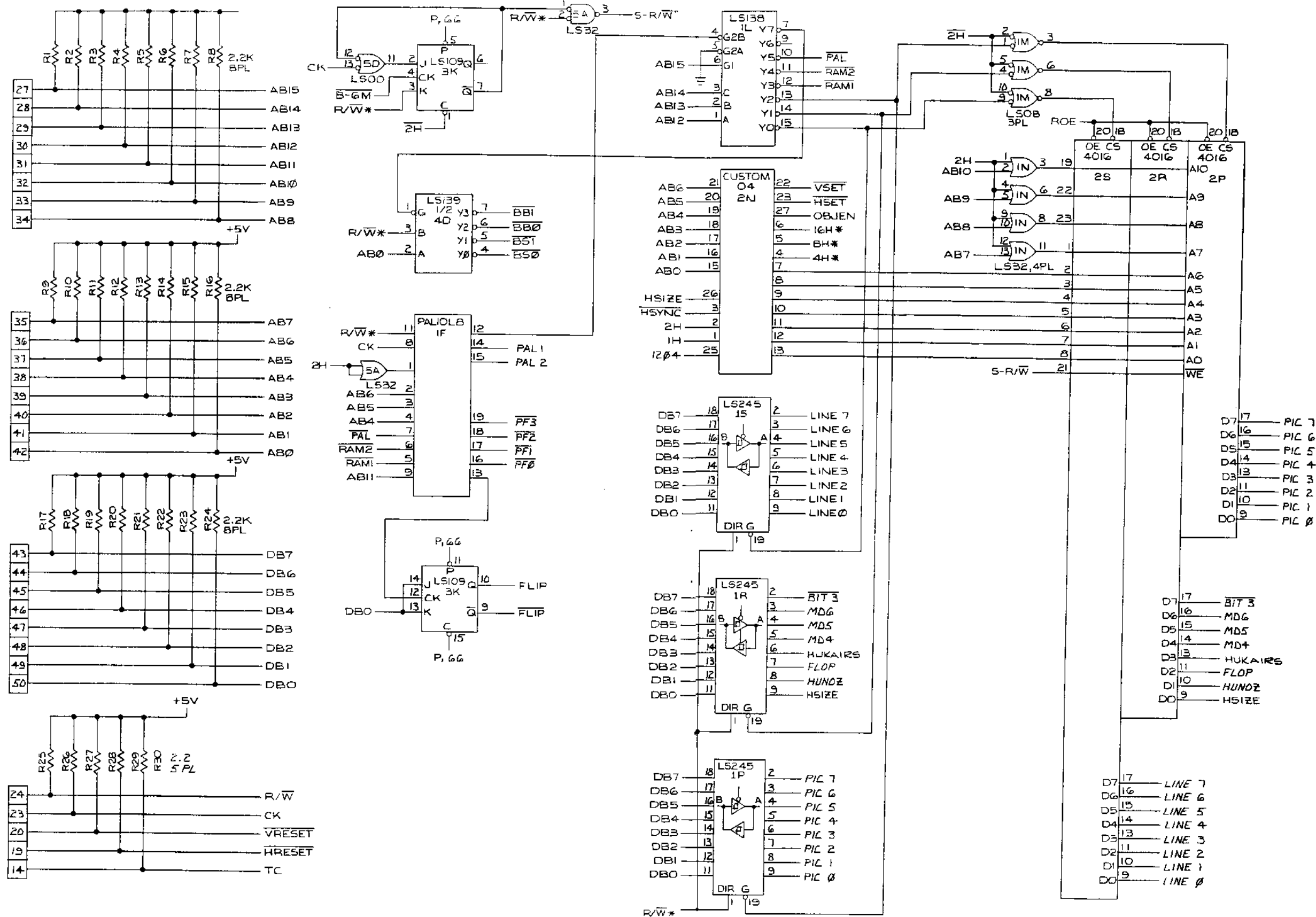
Xevious Video PCB Schematic
Diagram

Sheet 7A

Xevious Video PCB Schematic Diagram

Sheet 7B

Xevious Video PCB Schematic Diagram

Sheet 8A

Xevious Video PCB Schematic Diagram

Sheet 8B

Xevious Video PCB Schematic
Diagram

Sheet 9A

Xevious Video PCB Schematic Diagram

Sheet 9B