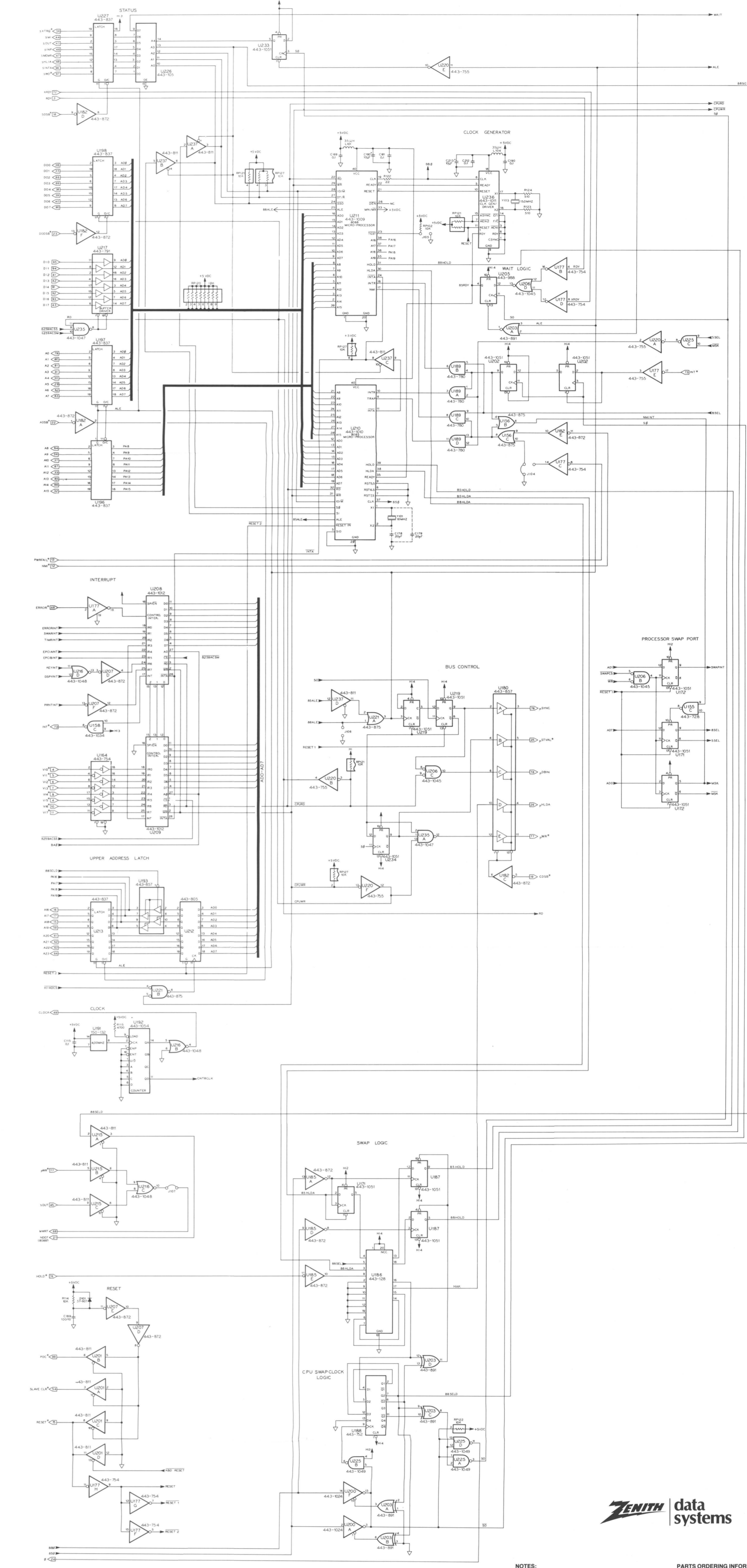
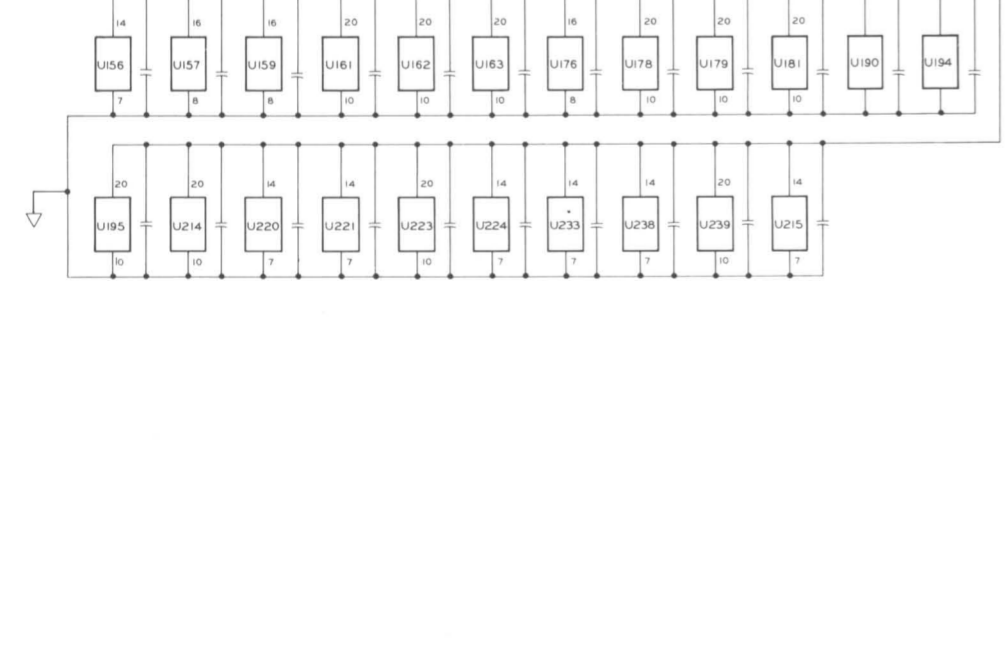
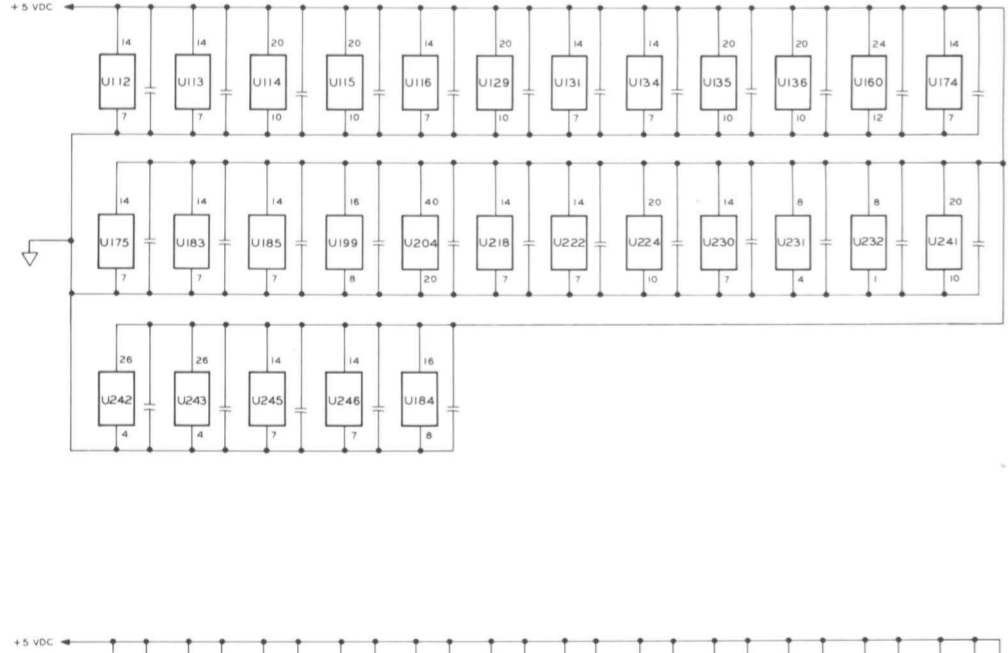
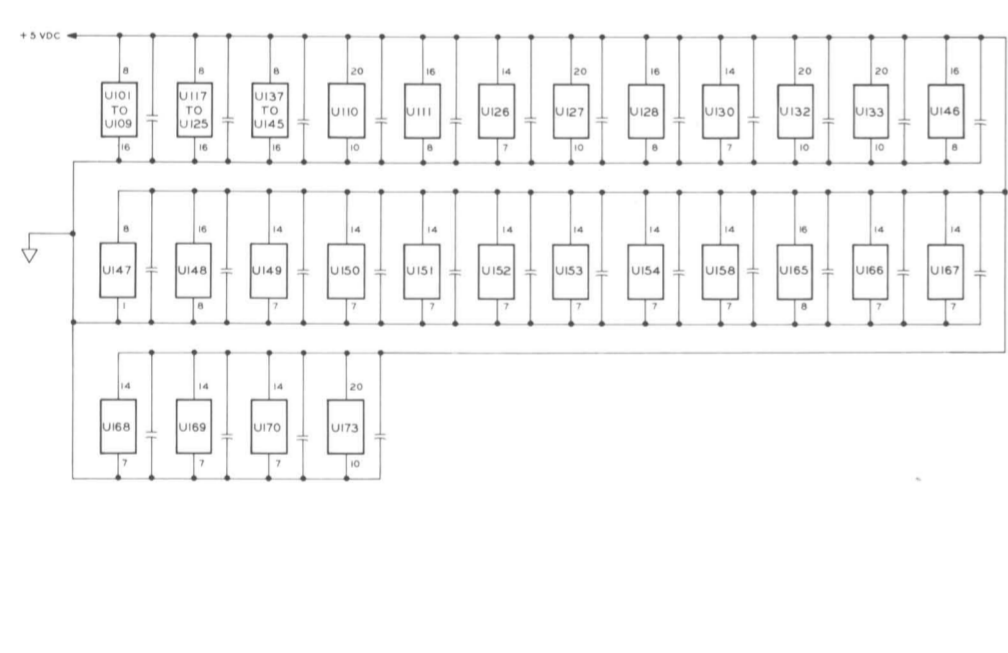
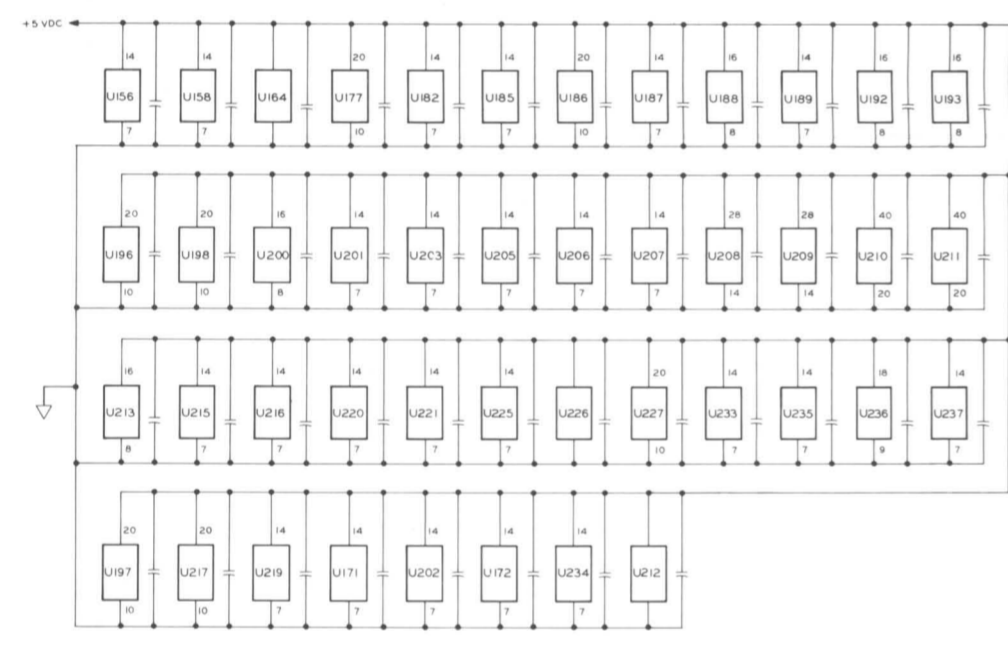
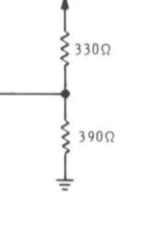


FIN	STORAL	COMPONENT	RESISTOR	TERMINATOR
1	4	VDC	-	-
2	16	VDC	-	-
3	380T	RP116-6	4700	-
4	V14*	RP110-2	330*	-
5	V11*	RP110-3	330*	-
6	V12*	RP110-4	330*	-
7	V13*	RP110-5	330*	-
8	V14*	RP110-6	330*	-
9	V15*	RP110-7	330*	-
10	V16*	RP110-8	330*	-
11	V17*	RP110-9	330*	-
12	V18*	RP110-10	330*	-
13	W1*	RP110-11	330*	-
14	DM1*	RP112-10	330*	-
15	A1*	RP116-2	4700	-
16	A2*	RP116-3	4700	-
17	A3*	RP116-4	4700	-
18	DM2*	RP116-5	4700	-
19	DM3*	RP116-6	4700	-
20	DM4*	RP116-7	4700	-
21	DM5*	RP116-8	4700	-
22	DM6*	RP116-9	4700	-
23	DM7*	RP116-10	4700	-
24	DM8*	RP116-11	4700	-
25	DM9*	RP116-12	4700	-
26	DM10*	RP116-13	4700	-
27	DM11*	RP116-14	4700	-
28	DM12*	RP116-15	4700	-
29	DM13*	RP116-16	4700	-
30	DM14*	RP116-17	4700	-
31	DM15*	RP116-18	4700	-
32	DM16*	RP116-19	4700	-
33	DM17*	RP116-20	4700	-
34	DM18*	RP116-21	4700	-
35	DM19*	RP116-22	4700	-
36	DM20*	RP116-23	4700	-
37	DM21*	RP116-24	4700	-
38	DM22*	RP116-25	4700	-
39	DM23*	RP116-26	4700	-
40	DM24*	RP116-27	4700	-
41	DM25*	RP116-28	4700	-
42	DM26*	RP116-29	4700	-
43	DM27*	RP116-30	4700	-
44	DM28*	RP116-31	4700	-
45	DM29*	RP116-32	4700	-
46	DM30*	RP116-33	4700	-
47	DM31*	RP116-34	4700	-
48	DM32*	RP116-35	4700	-
49	DM33*	RP116-36	4700	-
50	DM34*	RP116-37	4700	-
51	DM35*	RP116-38	4700	-
52	DM36*	RP116-39	4700	-
53	DM37*	RP116-40	4700	-
54	DM38*	RP116-41	4700	-
55	DM39*	RP116-42	4700	-
56	DM40*	RP116-43	4700	-
57	DM41*	RP116-44	4700	-
58	DM42*	RP116-45	4700	-
59	DM43*	RP116-46	4700	-
60	DM44*	RP116-47	4700	-
61	DM45*	RP116-48	4700	-
62	DM46*	RP116-49	4700	-
63	DM47*	RP116-50	4700	-
64	DM48*	RP116-51	4700	-
65	DM49*	RP116-52	4700	-
66	DM50*	RP116-53	4700	-
67	DM51*	RP116-54	4700	-
68	DM52*	RP116-55	4700	-
69	DM53*	RP116-56	4700	-
70	DM54*	RP116-57	4700	-
71	DM55*	RP116-58	4700	-
72	DM56*	RP116-59	4700	-
73	DM57*	RP116-60	4700	-
74	DM58*	RP116-61	4700	-
75	DM59*	RP116-62	4700	-
76	DM60*	RP116-63	4700	-
77	DM61*	RP116-64	4700	-
78	DM62*	RP116-65	4700	-
79	DM63*	RP116-66	4700	-
80	DM64*	RP116-67	4700	-
81	DM65*	RP116-68	4700	-
82	DM66*	RP116-69	4700	-
83	DM67*	RP116-70	4700	-
84	DM68*	RP116-71	4700	-
85	DM69*	RP116-72	4700	-
86	DM70*	RP116-73	4700	-
87	DM71*	RP116-74	4700	-
88	DM72*	RP116-75	4700	-
89	DM73*	RP116-76	4700	-
90	DM74*	RP116-77	4700	-
91	DM75*	RP116-78	4700	-
92	DM76*	RP116-79	4700	-
93	DM77*	RP116-80	4700	-
94	DM78*	RP116-81	4700	-
95	DM79*	RP116-82	4700	-
96	DM80*	RP116-83	4700	-
97	DM81*	RP116-84	4700	-
98	DM82*	RP116-85	4700	-
99	DM83*	RP116-86	4700	-
100	DM84*	RP116-87	4700	-

NOTE 1: TERMINATOR RESISTORS



- NOTES:
- ALL RESISTOR VALUES ARE IN OHMS (N = 1,000, M = 1,000,000). ALL RESISTORS ARE 1/4-WATT, 5% UNLESS OTHERWISE SPECIFIED.
 - ALL CAPACITOR VALUES ARE IN μF (MICROFARADS), UNLESS OTHERWISE SPECIFIED.
 - REFER TO THE CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.

- LEGEND:
- CHASSIS GROUND
 - CIRCUIT BOARD GROUND
 - DIRECTION
 - SIGNAL FROM S-100 BUS
 - SIGNAL TO S-100 BUS
 - MECHANICAL CONNECTION
 - MALE CONNECTION
 - FEMALE CONNECTION
 - NO CONNECTION
 - CONNECTION
 - CALIBRATION OR TEST POINT

PARTS ORDERING INFORMATION:

If you order a part from Zenith Data Systems, use the (HE) prefix. Example: HE 443-730

If you order a part from Heath Company, DO NOT use the (HE) prefix. Example: 443-730

For semiconductor type numbers (Example: 74LS153), refer to the "Semiconductor Identification Chart."

INDEX:

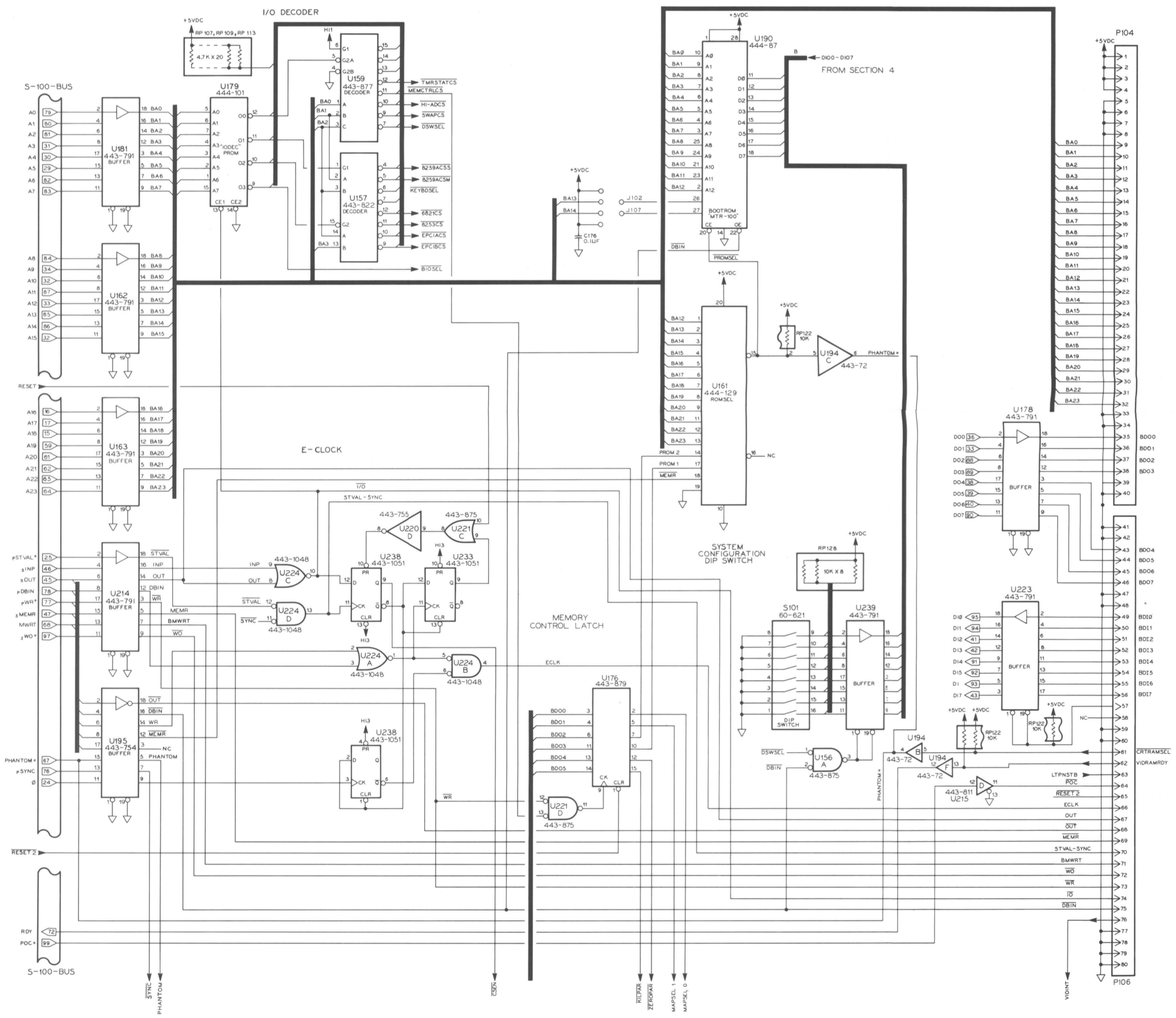
Sheet 1 of 4
8085, 8086, clock generator, interrupt, CPU clock swapping, swap logic, reset, clock

Sheet 2 of 4
system configuration DIP switch, E-clock, I/O decoder

Sheet 3 of 4
8085 multiplexer, wait state generator, RAM parity generator, arbitration and TC timing

Sheet 4 of 4
serial ports (modem, printer), parallel ports, keyboard encoder, keyboard matrix, timer

Z-100 COMPUTER
MAIN BOARD SCHEMATIC
SHEET 1 OF 4



- NOTES:**
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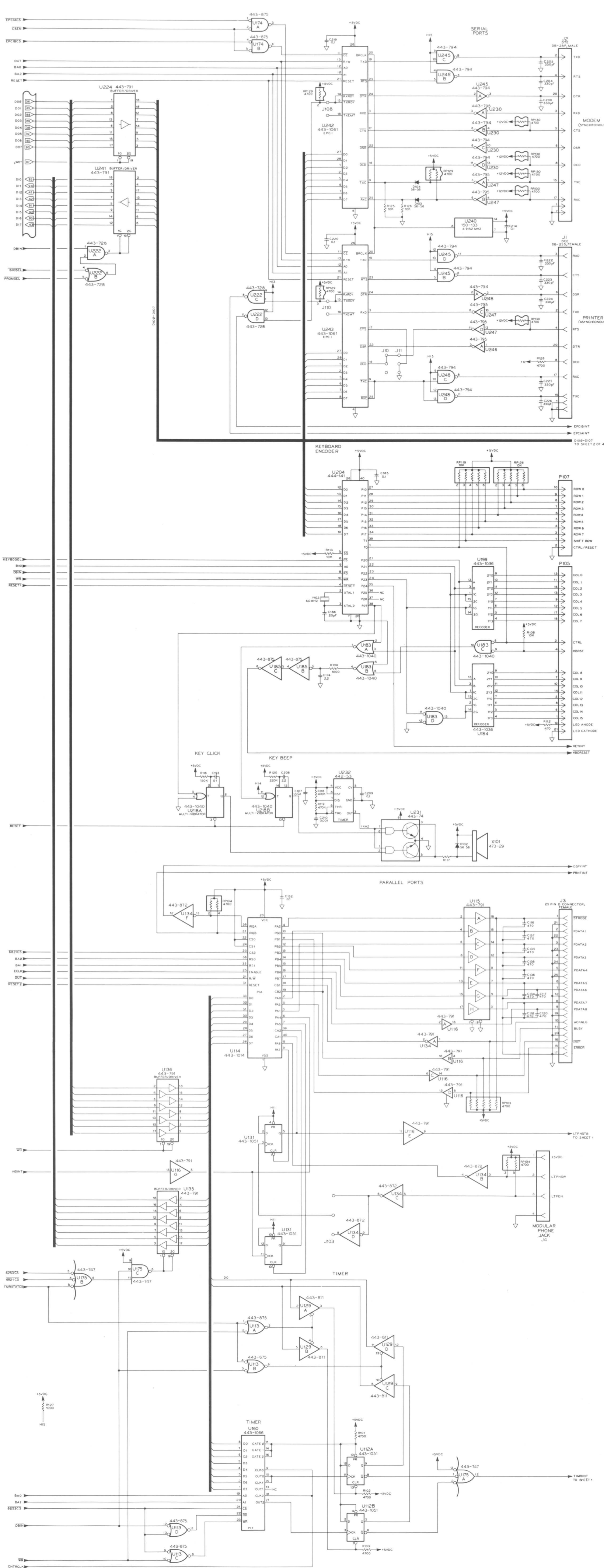
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For semiconductor type numbers (Example: 74LS153), refer to the "Semiconductor Identification Chart."

- INDEX:**
- Sheet 1 of 4: 8088, 8085, clock generator, interrupt, CPU clock swapping, swap logic, reset, clock
 - Sheet 2 of 4: system configuration DIP switch, E-clock, I/O decoder
 - Sheet 3 of 4: address multiplexer, wait state generator, RAM, parity generator, arbitration and TIC timing
 - Sheet 4 of 4: serial ports (modem, printer), parallel ports, keyboard encoder, keyboard matrix, timer

**Z-100 COMPUTER
MAIN BOARD SCHEMATIC**

SHEET 2 OF 4



NOTES:

1. ALL RESISTOR VALUES ARE IN OHMS (K = 1,000, M = 1,000,000) ALL RESISTORS ARE 1/4-WATT, 5% UNLESS OTHERWISE SPECIFIED.
2. ALL CAPACITOR VALUES ARE IN μ F (MICROFARADS), UNLESS OTHERWISE SPECIFIED.
3. REFER TO THE CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.

LEGEND:

1. \perp CHASSIS GROUND
2. \perp CIRCUIT BOARD GROUND
3. \rightarrow DIRECTION
4. \square SIGNAL FROM S-100 BUS
5. \square SIGNAL TO S-100 BUS
6. \rightarrow MECHANICAL CONNECTION
7. \rightarrow MALE CONNECTION
8. \rightarrow FEMALE CONNECTION
9. \perp NO CONNECTION
10. \bullet CONNECTION
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**Z-100 COMPUTER
MAIN BOARD SCHEMATIC**

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