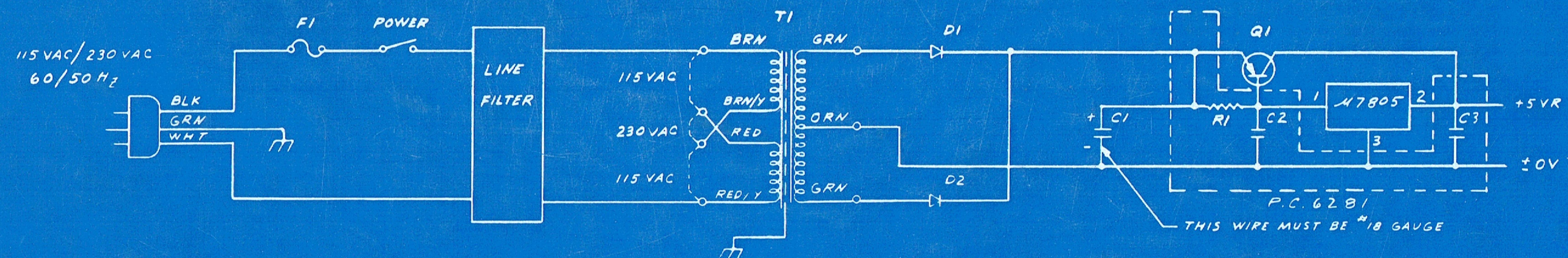


PRODUCT SERVICE

SCHEMATIC MANUAL



REFERENCE INFORMATION ONLY

NOT CONTROLLED

03-0019
SCHEMATIC MANUAL

May, 1977

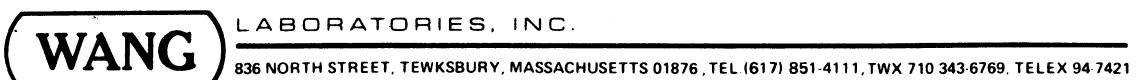
SCHEMATIC MANUAL REPRINT

PRODUCT SERVICE SCHEMATIC MANUAL

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The original quantity of schematic manuals was exhausted, necessitating a reprint. Because of the bulk of the original manual and the limited use of the first several sections, this reprint only contains the following sections: Model 1200/1222; 2200; PERIPHERALS; and DIABLO SERIES 40 DISK DRIVE. This reprinted manual contains all updates and revisions included in the first three schematic manual addenda.

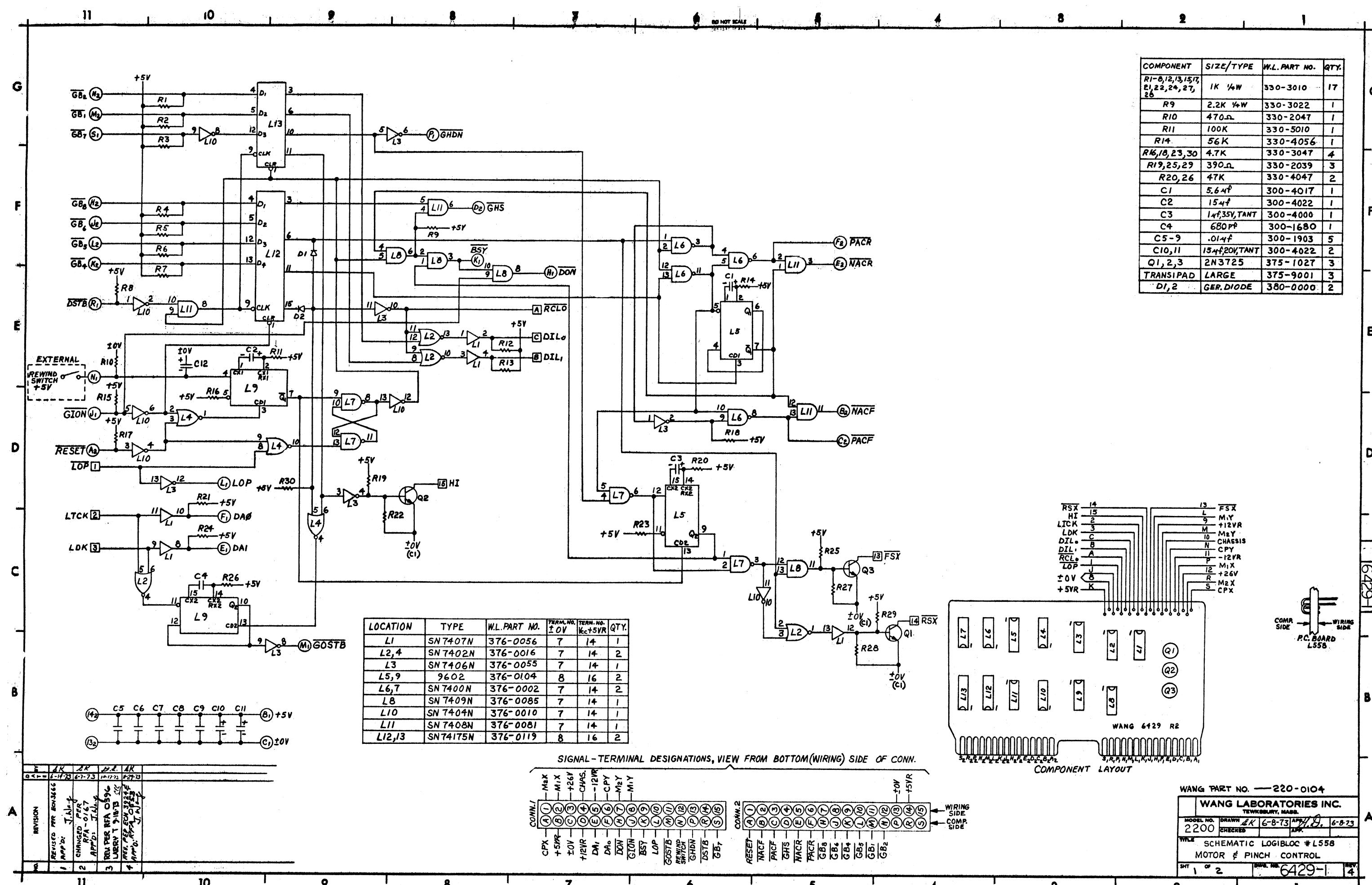
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MODEL 2200 SYSTEM

The following schematics are contained in this section in the following manner:

TITLE	DRAWING #	NO. OF SHEETS	TITLE	DRAWING #	NO. OF SHEETS
L558 TD MOTOR CONTROL	6429-1	2	6528 DUAL LANG. KBD. CONTR.	E6528-1	1
L559 TD AC CONTROL	C6430-1	1	6529 DUAL LANG. CRT. CONTR.	E6529-1	1
L567 REGULATOR	D6439	1	6533 2252 CONTROLLER	E6533-1	1
6222 2219 MOTHERBOARD	E6222	1	6534 2234/44 CONTROLLER	E6534-1	1
6225 2234A/44A CONTROLLER	E6225	1	6541 DISK CONTROLLER	E6541-1	1
6303 2215 KBD (MICRO SW.)	C6303-1	1	6541-1 ALL DISK CONTROLLER	D6541-1	1
6307 RAM	E6307-1	1	6543 2224 CONTROLLER	D6543-1	1
6308 MEMORY CONTROL (PROMS)	E6308-1	1	6547 C1E SUPER PATCH	E6547-14	1
6308-1 MEMORY CONTROL	E6308-2	1	6547 A1/A1E SUPER PATCH	E6547-10	1
6309 IC & PC REGISTERS	E6309-1	1	6547 B4/B4E SUPER PATCH	E6547-11	1
6310 ALU	E6310-1	1	6547 B5K SUPER PATCH	E6547-12	1
6311 I/O CONTROL	E6311-1	1	6548 NULL MODEM	B6548-1	1
6312 60 Hz CRT CONTROL	E6312-1	1	6560 2200S MOTHERBOARD	E6560	1
6312A 60 Hz CRT CONTROL	E6312A-1	1	6561 2201/02/12/32 CONTROLLER	D6561	1
6313 CRT CONTROL	E6313-1	1	6561-1 2201/02/12/32 CONTROLLER	D6561-1	1
6316 2217 CONTROLLER	C6316-1	1	6562 CASSETTE & KBD CONTROLLER	E6562	1
6317 2215/22 CONTROLLER (PROM)	E6317-1	1	6592 2252A CONTROLLER	E6592	1
6322 MOTHERBOARD	E6322-1	1	6707 2200S RAM	E6707-1	1
6324 2217/18 MOTHERBOARD	D6324-1	1	6708 2200S MEMORY CONTROL	E6708	1
6325 20-BIT ROM	6325-1	2	6709 IC & PC REGISTERS	E6709	1
6330 2222 KBD. (OAK)	C6330-1	1	6710 ALU	E6710	1
6348 2215 KBD. (OAK)	C6348-1	1	6713 PROG. CRT CONTROLLER	E6713	1
6350 50 Hz CRT CONTROL	E6350-1	1	6717 2200 RAM	E6717	1
6350A 50 Hz CRT CONTROL	E6350A-1	1	6723 BI SYNC CONTROLLER	E6723	1
6361 8-BIT ROM	D6361-1	1	6724 BI SYNC XMIT/REC	E6724	1
6361 8-BIT ROM PATCH	E6361-1	1	6725 20-BIT ROM	E6725	1
6362 2227 CONTROLLER	E6362-10,12	1	6735 20-BIT ROM	E6735	1
6362-1 2207 CONTROLLER	E6362-11,13	1	6741 KBD/PRINT/TAPE CONTR.	E6741	1
6367 2215/22 CONTROLLER	E6367	1	6742 KBD/PRINT/DISK CONTR.	E6742	1
6368 2201/02/12/32 CONTR. (ROM)	D6368	1	6768 2200S 9 I/O MB	E6768	1
6374 2203 CONTROLLER	D6374-1	1	6771 KEYBOARD CLICKER	C6771	1
6375/			6785 2230 MXA CONTROLLER	E6785	1
6375-14 2214/30/40/42 CONTROLLER	D6375-1	1	6786 2230 MXB CONTROLLER	E6786	1
6379 2221/31/41/61 CONTROLLER	D6379-1	1	7024 BI SYNC XMIT/REC	E7024	1
6383 MINI ROM TESTER	C6383-1	1	7042 KBD/PRINT/DISK CONTR.	E7042	1
6388 2218 CONTROLLER	D6388-1	1	2200 PWR SUPPLY	D6422-999	1
6394 2250 CONTROLLER	D6394-1	1	2200S 3 OR 6 I/O PWR SUPPLY	D6627-999	1
6443 2220/2223 KEYBOARD	D6443	1	2200S 9 I/O PWR SUPPLY	D6800-999	1
6449 2234A/44A MEMORY BOARD	D6449	1	2200S (3,6) AND 9 I/O HEAT SINKS	C6800-998	1
6522 MOTHERBOARD	E6522-1	1	CPU POWER CABLE	C6627-998	
6527 A1/A1E SUPER PATCH	D6527-10	1	2200 TC CABLE	C6422-125	1
6527 B1 SUPER PATCH	D6527-11	1	2200 MOTOROLA P.C. (CRT)	C6482-5	1
6527 B2/B2E SUPER PATCH	D6527-12	1		63D65165A19	
6527 B3K SUPER PATCH	D6527-13	1			



6

5

4

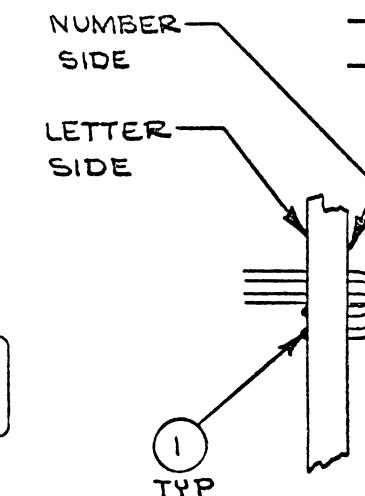
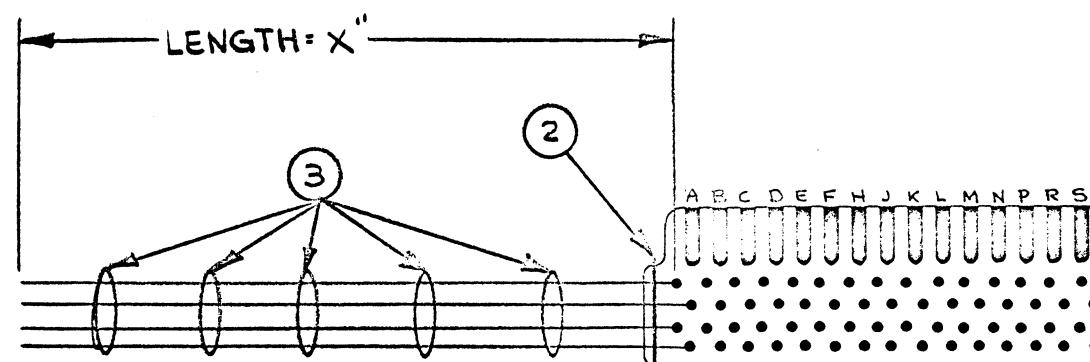
DO NOT SCALE

3

2

1

SIGNAL	SOLDER POINT	WIRE COLOR	CONN. PIN NO	WIRE X" LG.	W.L. PART N°	WIRE GAUGE
RCL _o	A	WHT/BRN	A	14 1/4"	600-3091	# 26
DIL ₁	B	WHT/RED	B	14 1/4"	- 3092	26
DIL ₀	C	WHT/ORN	C	14"	- 3093	26
±OV	J	BLK	J	14 1/2"	- 2000	24
+5VR	K	RED	K	14 1/2"	- 2002	24
M ₁ Y	L	YEL	L	13 1/2"	- 2004	24
M ₂ Y	M	WHT/YEL	M	13 1/2"	- 2094	24
CPY	N	GRY/YEL	N	13 1/4"	- 2084	24
M ₁ X	P	WHT/GRN	P	13"	- 3095	26
M ₂ X	R	WHT/BLU	R	13"	- 3096	26
CPX	S	WHT/VIO	S	13"	- 3097	26
LOP	I	BRN	I	14 1/4"	- 3001	26
LTCK	2	PINK	2	14"	- 3022	26
LDK	3	ORN	3	14"	- 3003	26
±OV(c ₁)	8	WHT/BLK	8	14 1/2"	- 2090	24
+12VR	9	BLU	9	13 1/2"	- 2006	24
CHASSIS	10	GRN/YEL	10	13 1/4"	- 2054	24
-12VR	11	WHT	11	13 1/4"	- 2009	24
+26V	12	VIO	12	13"	- 2007	24
FSX	13	GRN	13	13 3/4"	- 3005	26
RSX	14	GRY/BLU	14	13 3/4"	- 3086	26
HI	15	VIO/GRY	15	13 3/4"	600-3078	# 26



B | 6429-1

510-5223C
605-1004
605-1001
660-0202

4

1

P/C FINGER BOARD

3

5

CABLE TIE

2

AR

LACING, BLACK

1

AR

SOLDER

WANG PART NO.

ITEM

QTY.

NAME

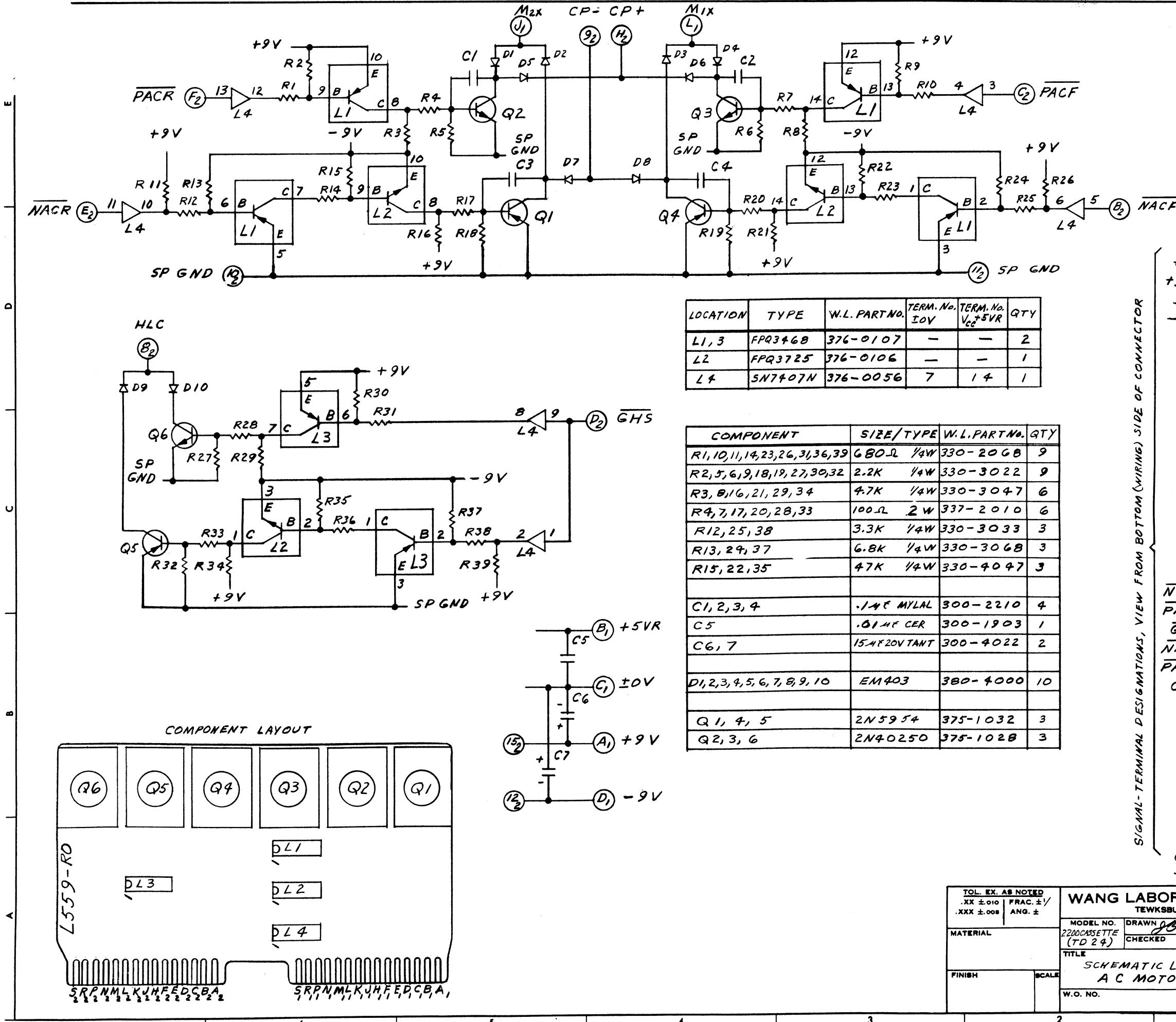
MATERIAL

DESCRIPTION

Qty. Per Unit FIRST USED ON ASSY USED ON

1

1

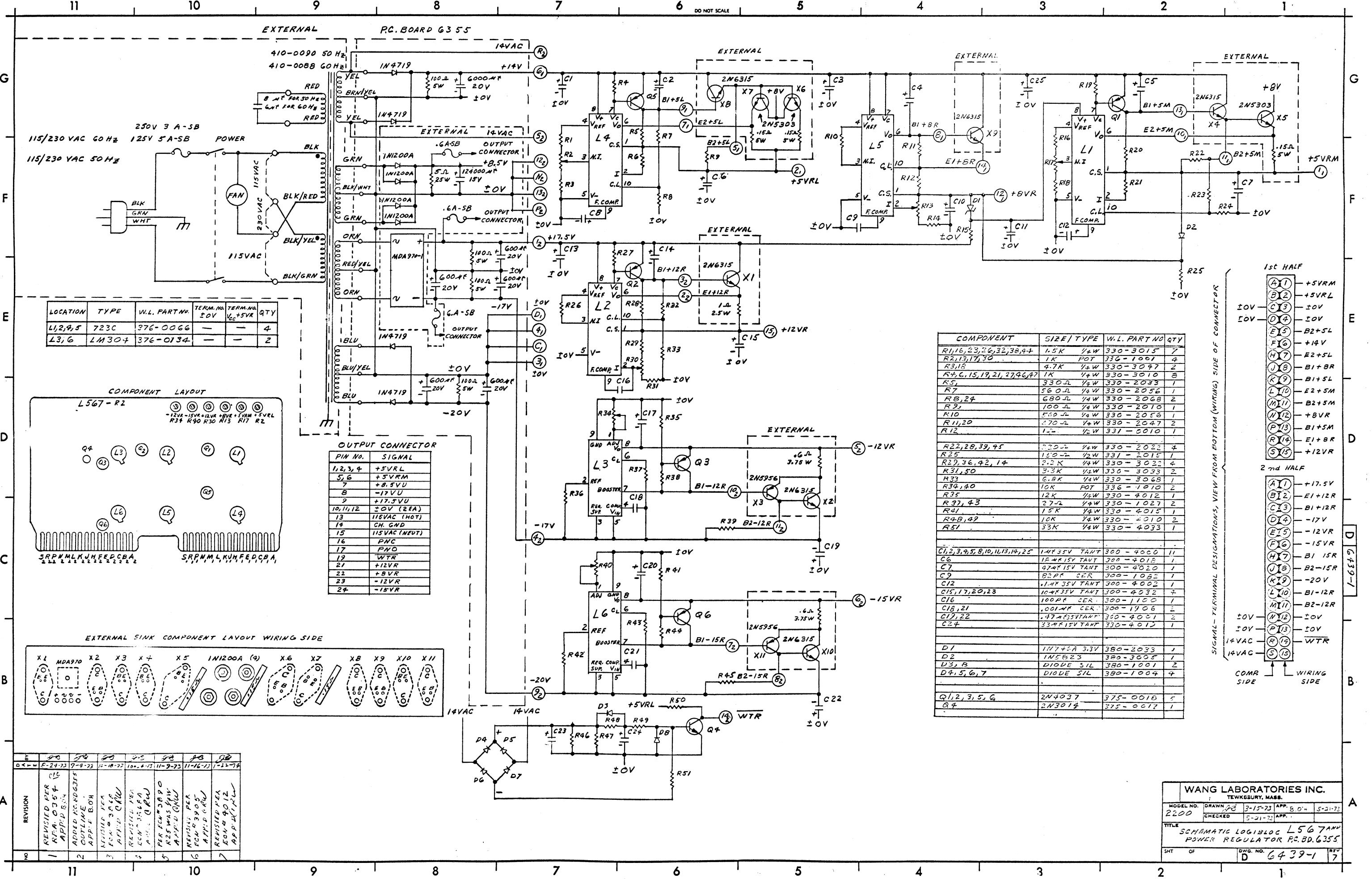


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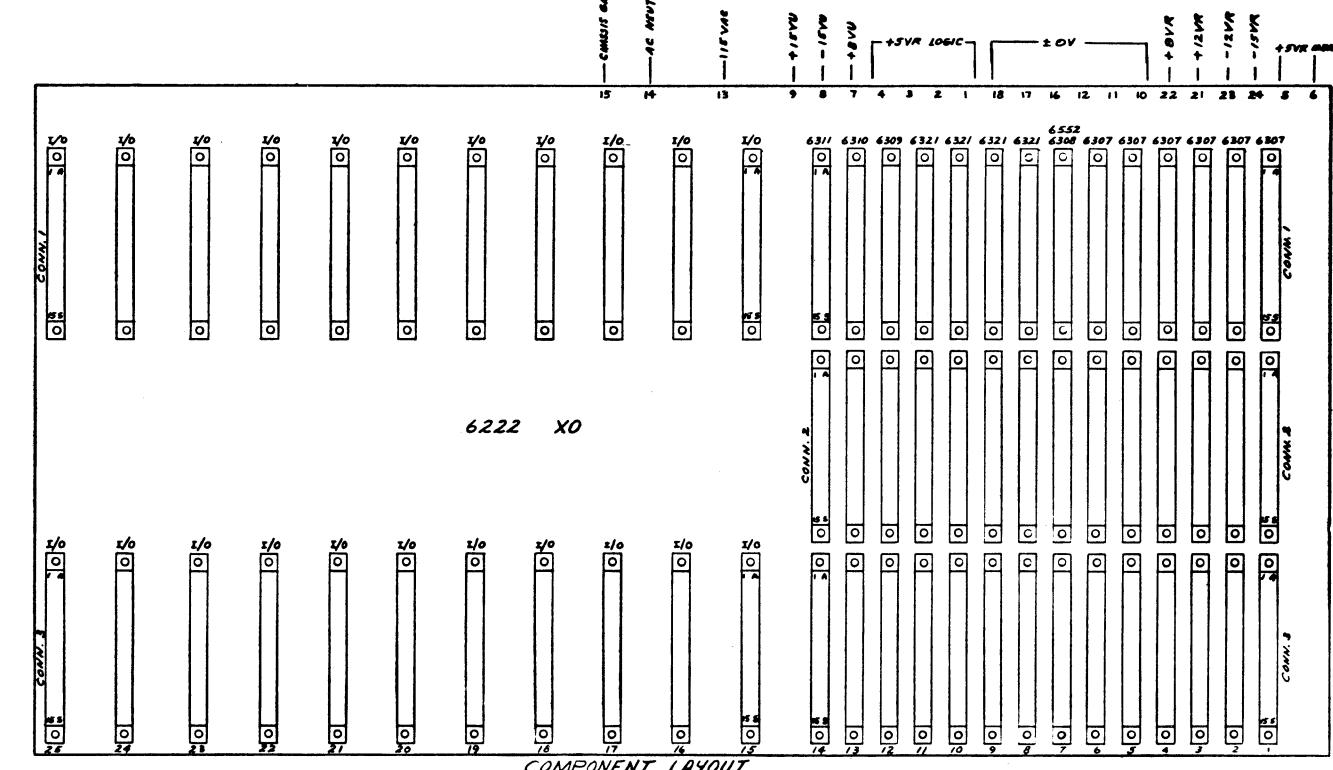
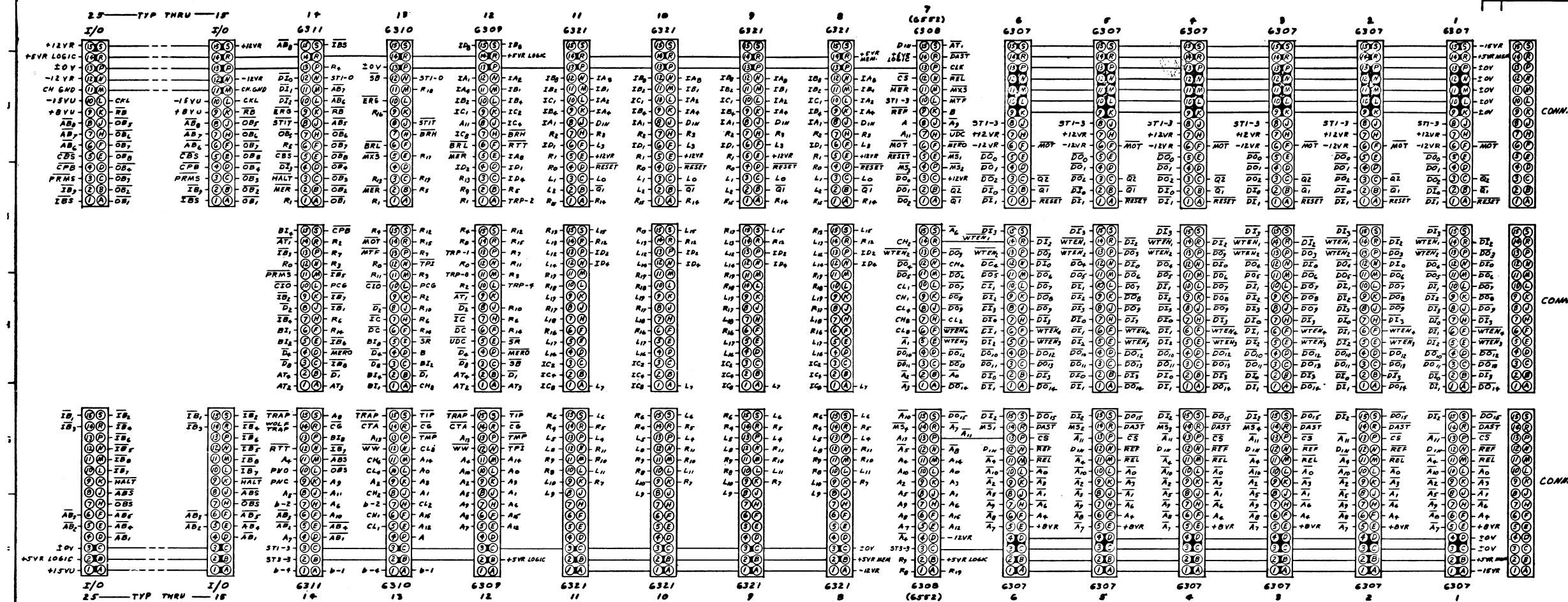
TEWKSBURY, MASS.

TOL. EX. AS NOTED .XX ±.010	FRAC. ±.1/ .XXX ±.005	ANG. ±
MODEL NO. 2200CASSETTE (TD 24)		
MATERIAL	DRAWN <u>DB</u> 2-21-73 APP <u>2/24</u> 2/21/73	CHECKED APP.
FINISH	SCALE	
W.O. NO. <u>C 6430-1</u>	DWG. NO. <u>REV.</u>	

SCHEMATIC LOGIBLOC L 559
AC MOTOR CONTROL



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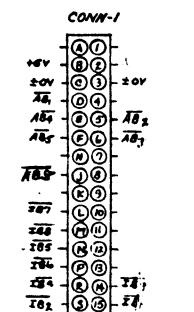
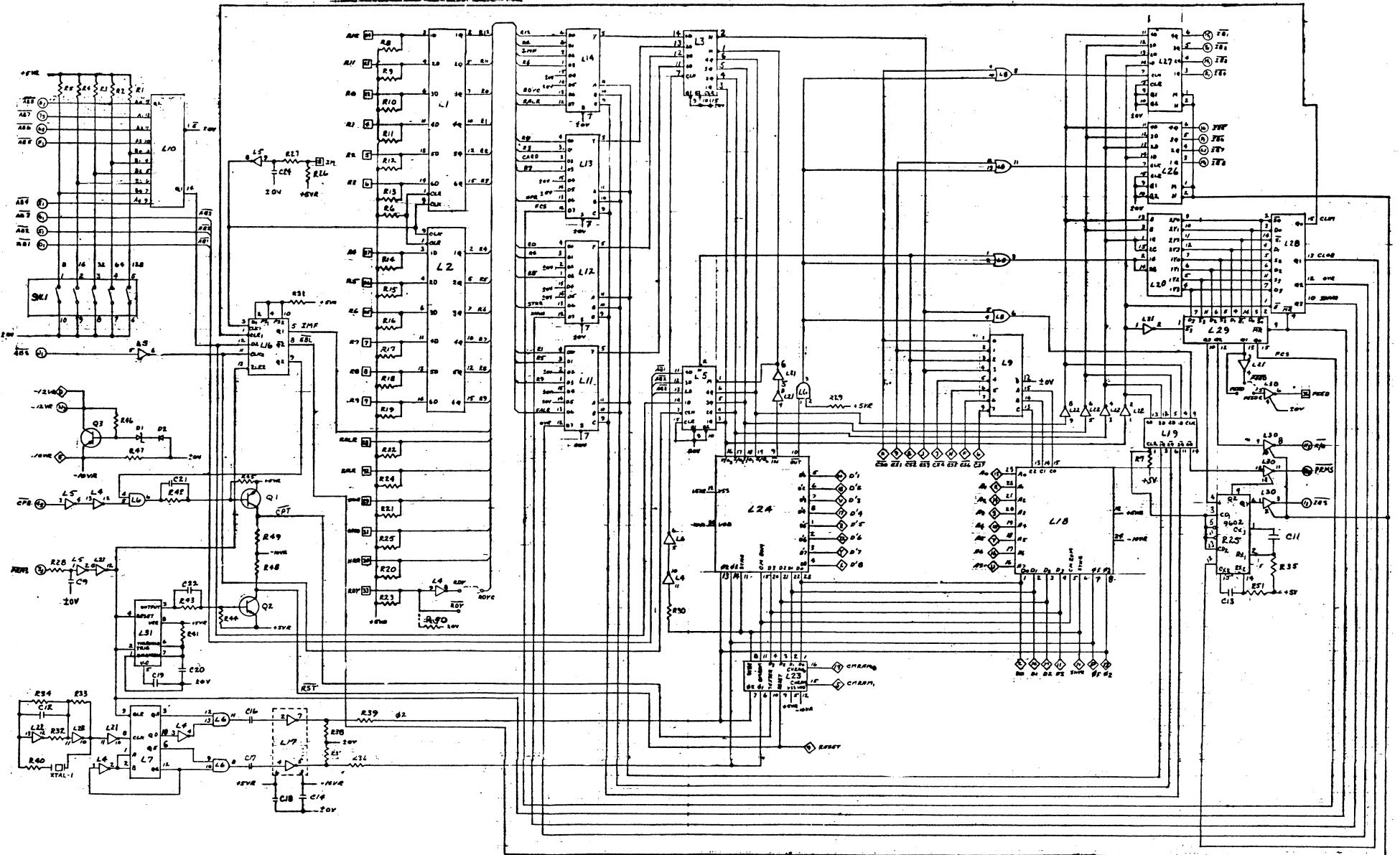
PRELIMINARY

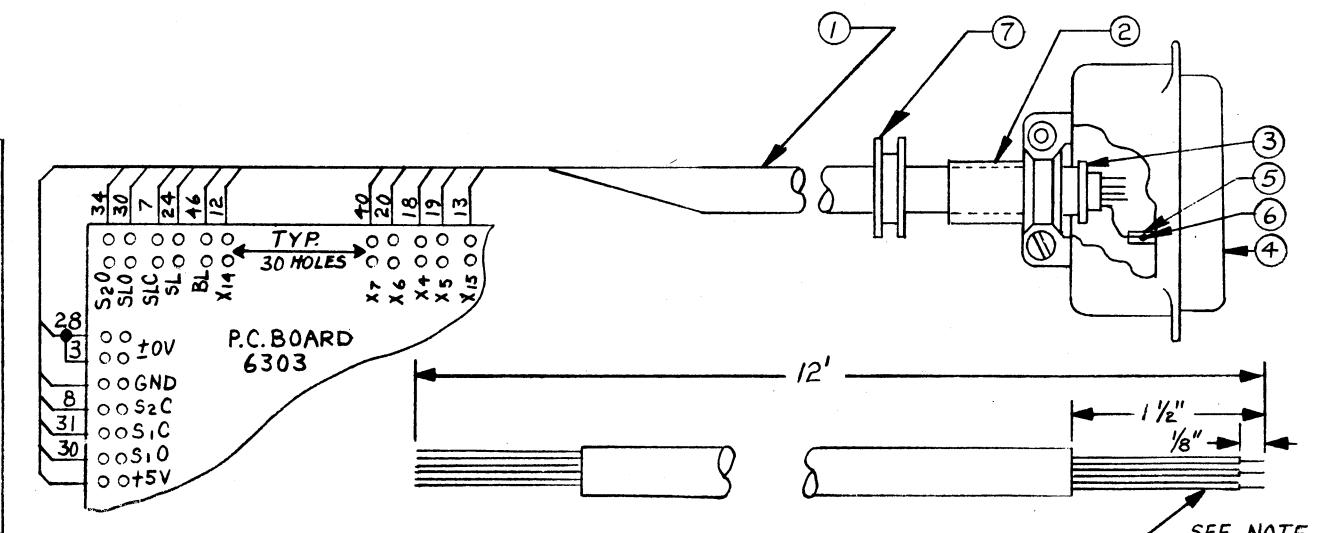
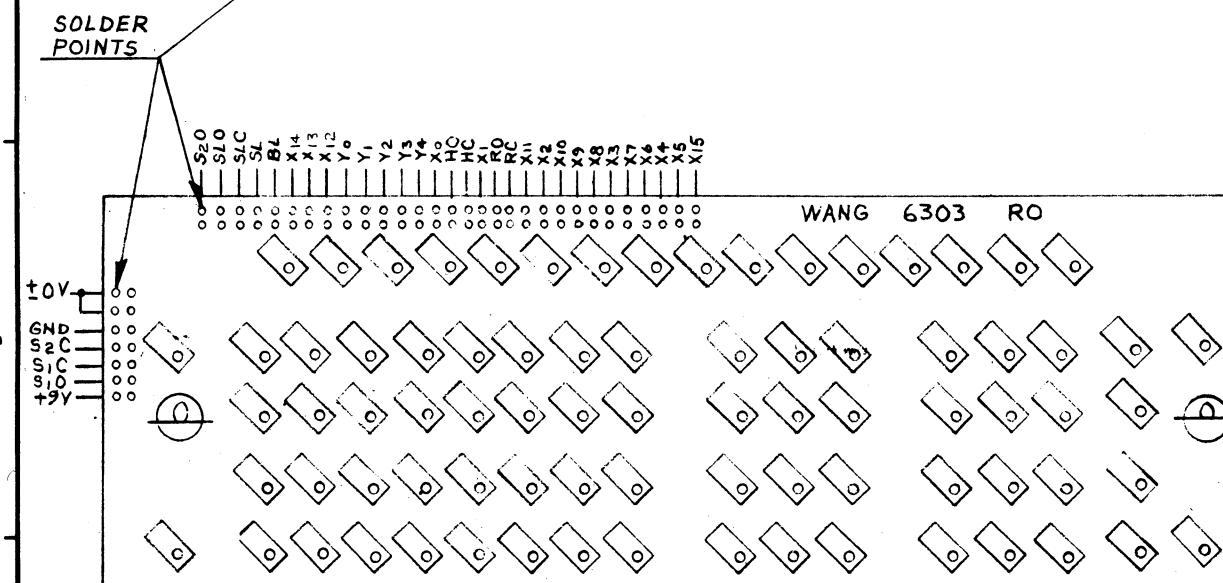
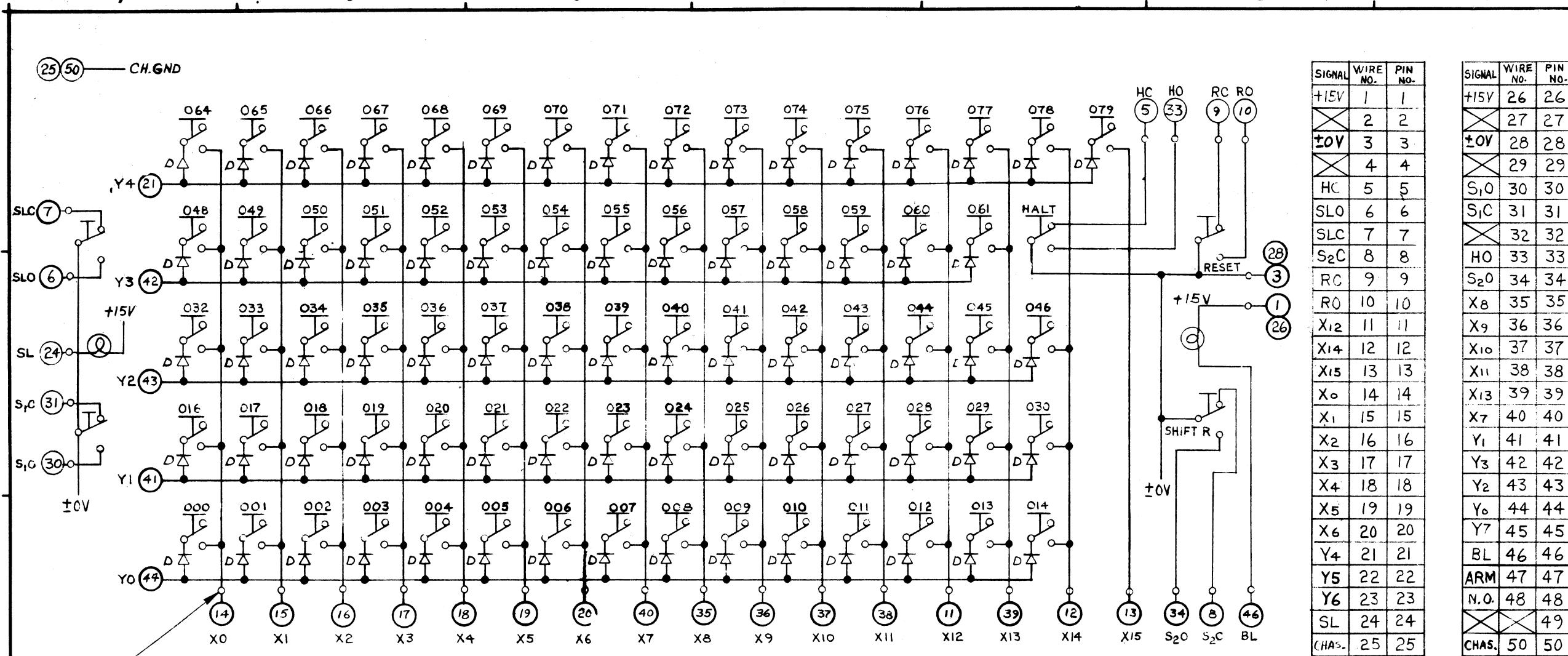
654-1154	2	GROUND BUSS	7 1/2		
350-0011	64	CONNECTOR	S		
WANG PART NO	ITEM QTY.	NAME	MATERIAL	DESCRIPTION	
QTY. 1	1001 LOAD ON	ASY LOAD ON		BY	DATE
	WANG		LABORATORIES INC. TELETYPE DIVISION TELETYPE MADE U.S.A.	DMM	1/14/68 ENGR <i>[Signature]</i> DATE <i>1-27-68</i>
			CHR	F.C. S.C.	5/2/68 M ENGR
			MODEL NO.	2219	I.C. CONTROL
			ME. ENGRING SPECIFICATIONS	TITLE	
				MOTHER BOARD 6222	
			FINISH		
			TOK. 5A ANODIZED 202 x .010 FRAC ± 1/64 202 x .005 INCHES THICK 100% X-RAYED	210-6222 E 6222	
			MADE BY	WANG LABORATORIES INC.	
			PRINTED	PREMIUM QUALITY	

HOLE LEGEND	
BOLE HOLE	HOLE DIA. TOL.
PUNCHED HOLE	.0135 ± .015
TOLERANCES	.124 ± .010
	.231 ± .006
IDENT	DESCRIPTION QTY
A	

COMPONENT	N.L. NO.	TYPE
R1-1,9,31	330-4010	1K, 1W
R2-26	330-2039	390Ω, 1W
R27,28	330-2015	150Ω, 1W
R46,45	330-2027	270Ω, 1W
R32,40	330-2022	220Ω, 1W
R43,42,43	330-3010	1K, 1W
R36,39	330-2014	120Ω, 1W
R37,38	330-3021	2.2K, 1W
R34	330-2018	180Ω, 1W
R33	330-3010	1.8K, 1W
R46	330-1047	47Ω, 1W
R41	330-4047	47K, 1W
R35,51	330-4022	22K, 1W
R30	330-3048	6.8K, 1W
R48,49	331-2047	470Ω, 1/2W
R40	330-3010	1K, 1W
D1	380-2100	IN758A
XATL-1	321-0008	10MHz
C1,2	300-4022	15pf
C3-10/5/9225	300-1903	.01μF
C18,19,20	300-1930	.1μF/50V
C16,17,11,13	300-1820	820PF
C14,21,22	300-1047	47PF
L18,24	376-7003	24Ω, 1W
J1	350-0022	14PIN CONN.
D2	380-1001	
Q1,2	375-1011	GT544
Q3	375-0016	ZN4037
Q1,2	375-9004	TRANSIPAD
HEAT SINK	375-9010	
Q3	375-9001	TRANSIPAD

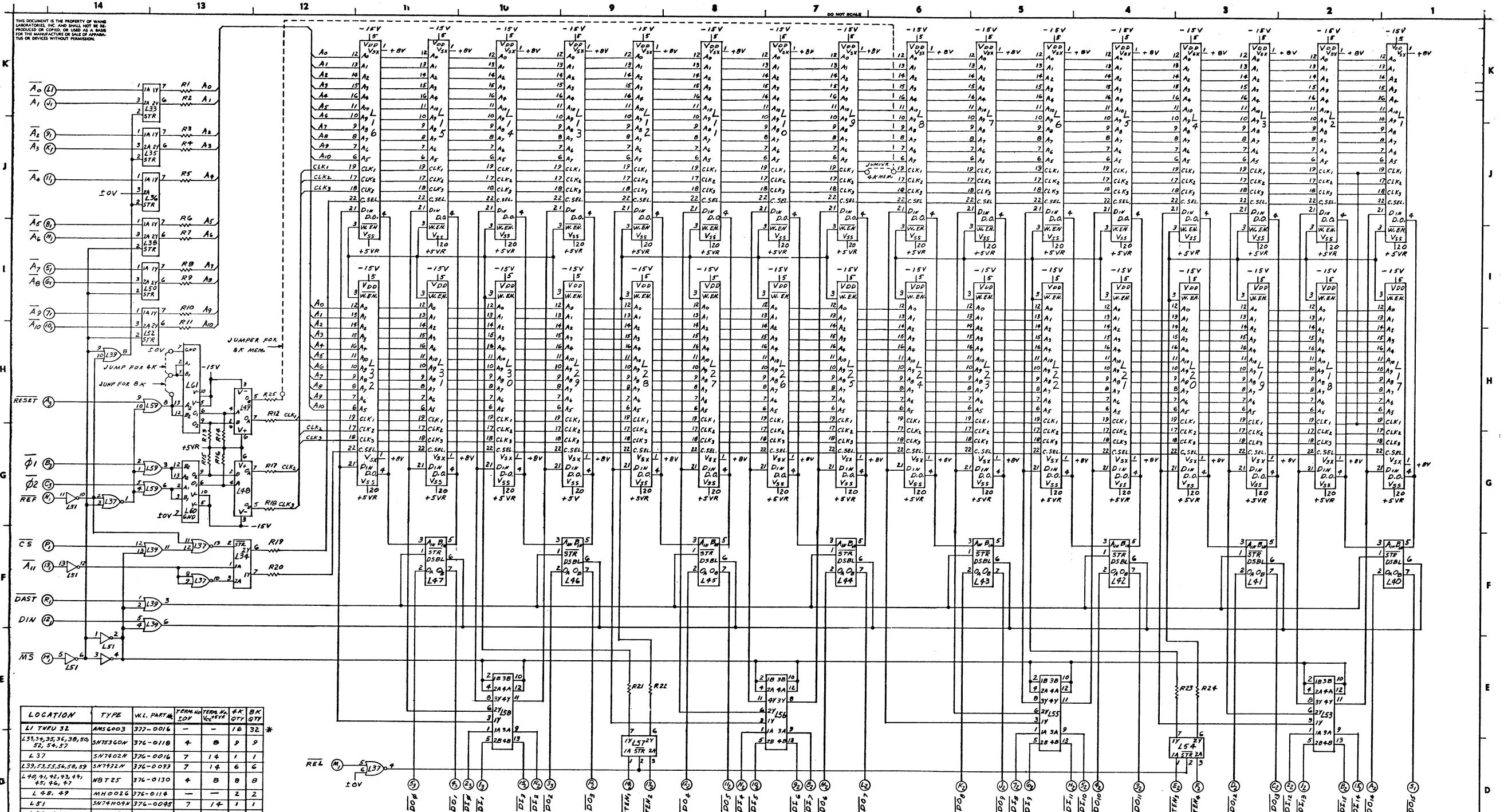
* OPTIONAL

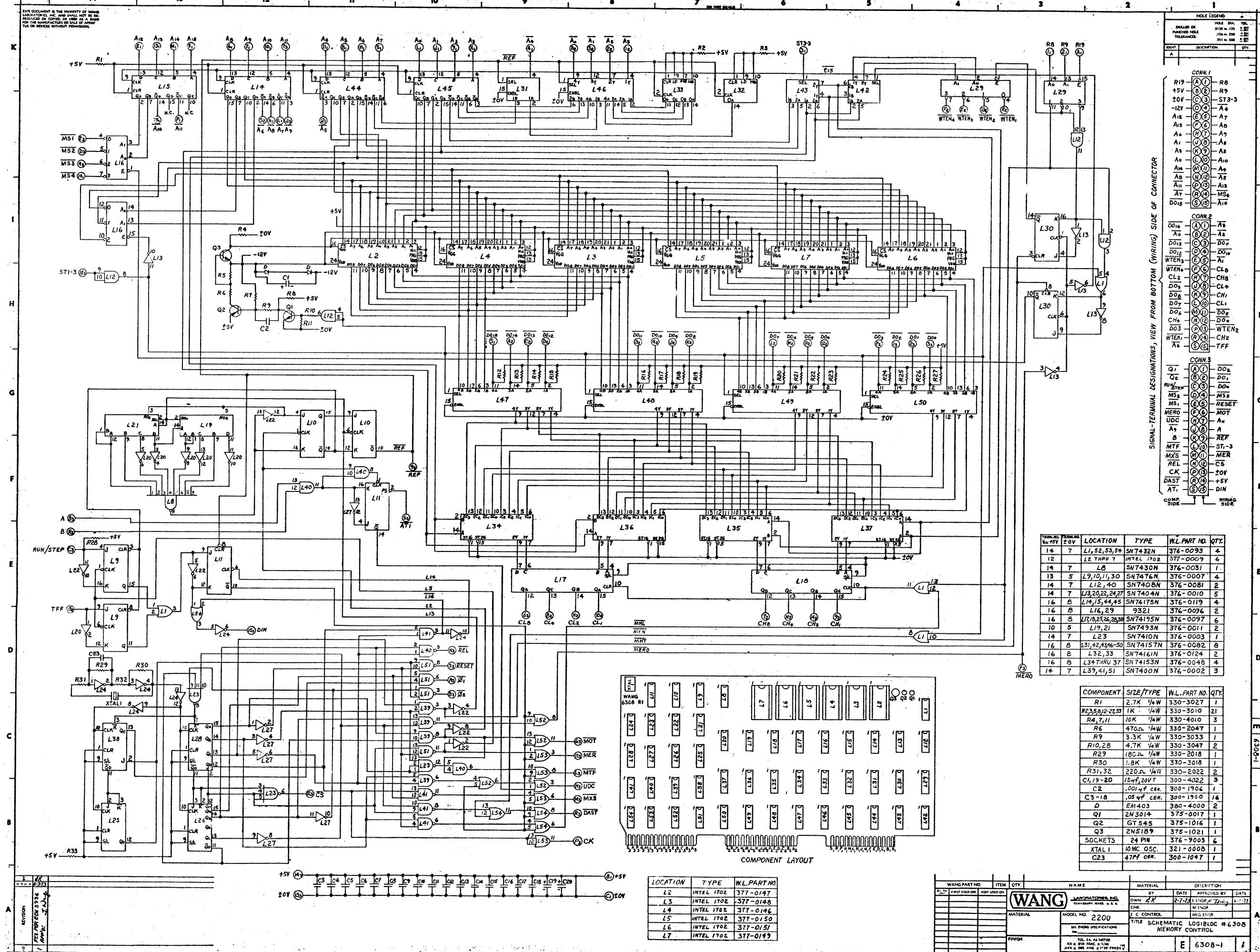


NOTE: 1-STRIP BACK $\frac{1}{4}$ " & TIN $\frac{1}{8}$ ".

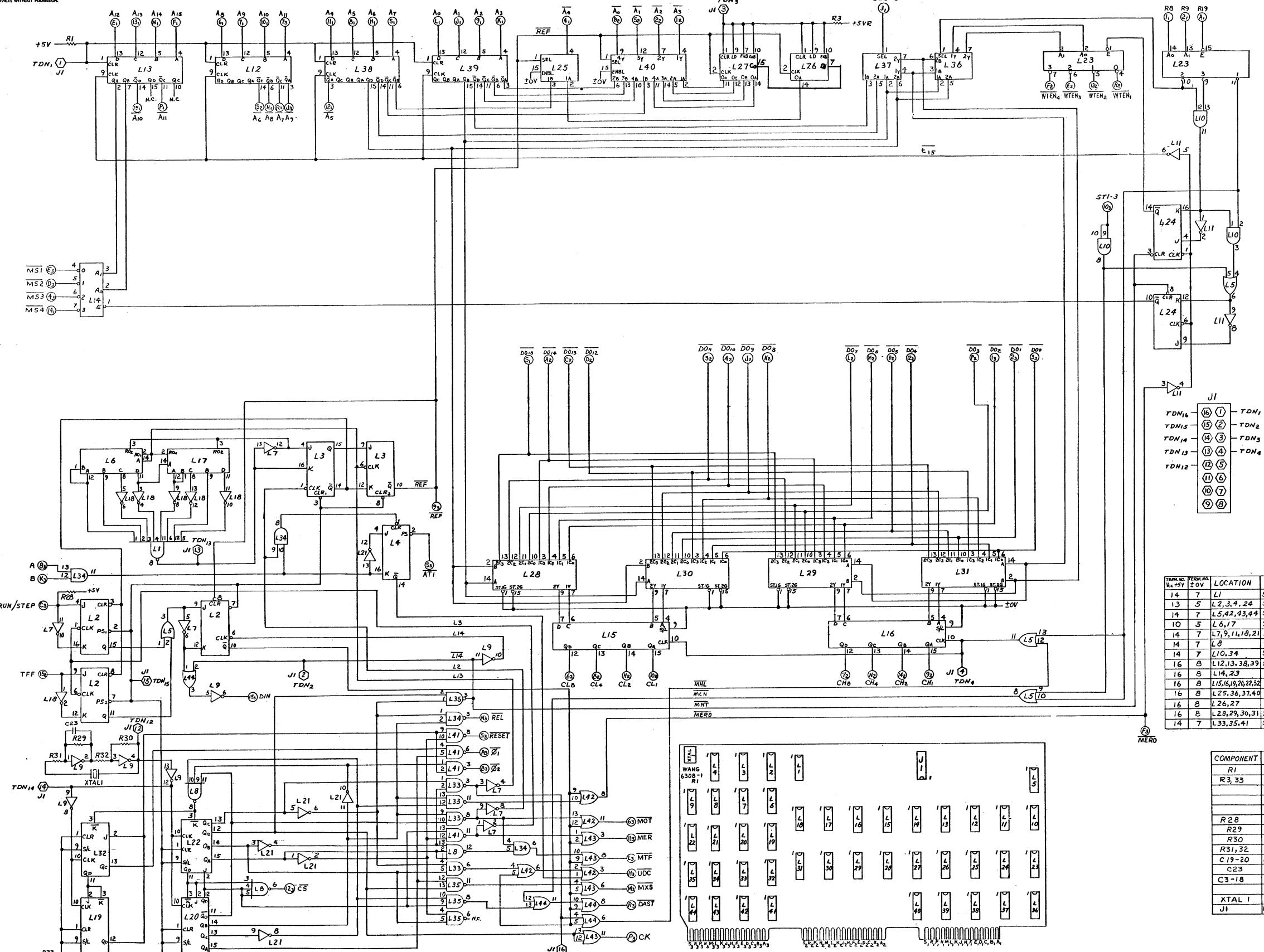
ITEM	NAME	MATERIAL
380-1001	75 SIL. DIODE	4B
325-2300	75 MICRO SWITCH	11SM804
325-2305	5 MICRO SWITCH	11SM1
370-0002	2 LAMP	1762 CLEAR
654-1205	7 GROMMET	1/2 I.D. - $\frac{3}{4}$ HOLE
605-0002	5 49 SLEEVE	#15 TUBING - 3/8 LONG
350-2027	4 CONNECTOR	57-30500
654-1208	3 STRAIN RELIEF	WALKER #6
605-4103	2 BUSHING	#3
420-0005	1 12' CABLE	50 CONDUCTOR- 26 GAUGE
WANG PART NO.	ITEM QTY.	DESCRIPTION

IDENT	QTY	NAME	MATERIAL	DESCRIPTION
DR	6K	DATE	2-15-73	
CHK		DATE		
APPD		DATE	6-5-73	
WANG LABORATORIES, INC. TEWKSBURY, MASS. U. S. A.		SCALE	SHEET OF	
MODEL No. 2200		W.O. No.		
TITLE SCHEMATIC LOGIBLOC 2200 KEYBOARD #6303				
O	C	6303-1	DRAWING NUMBER	
REV	SIZE			





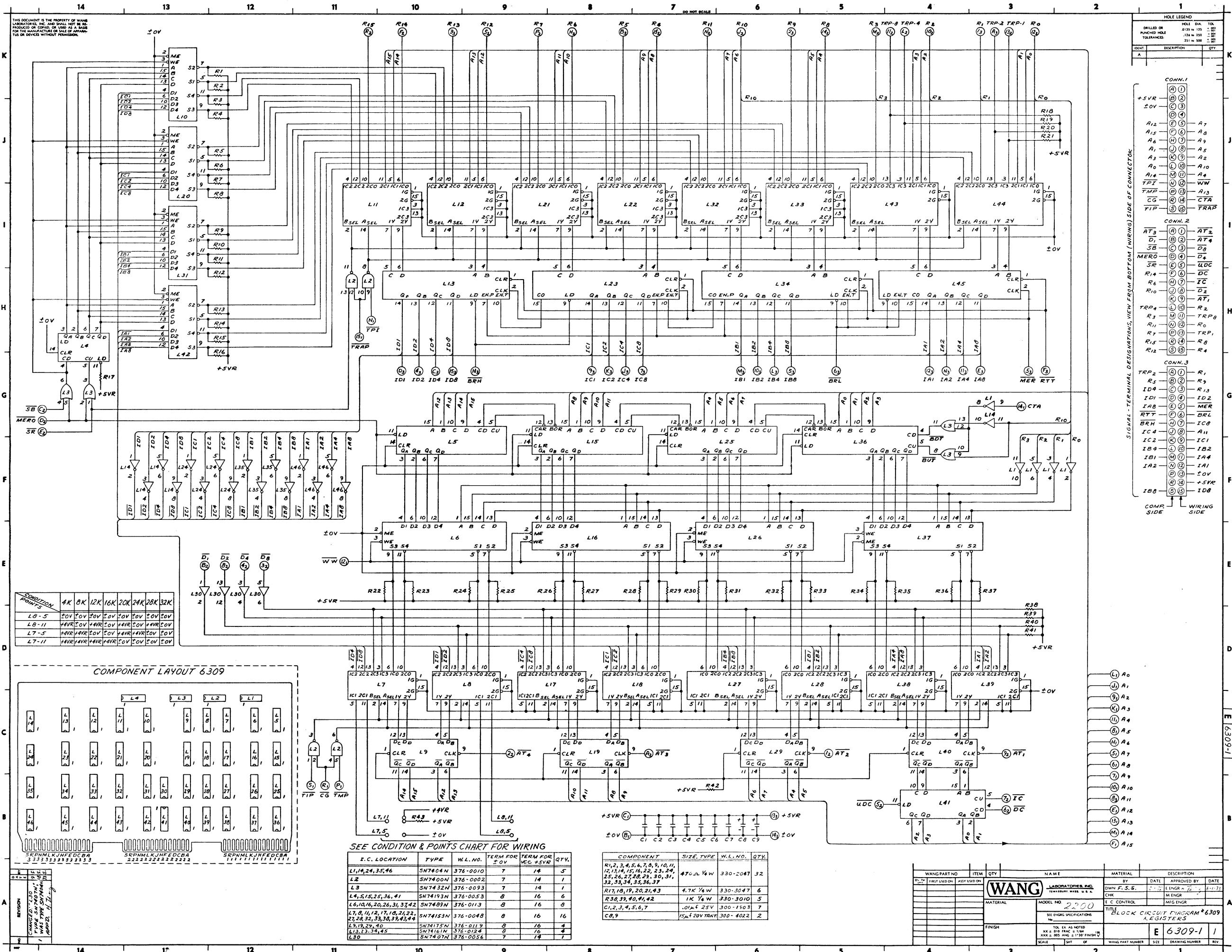
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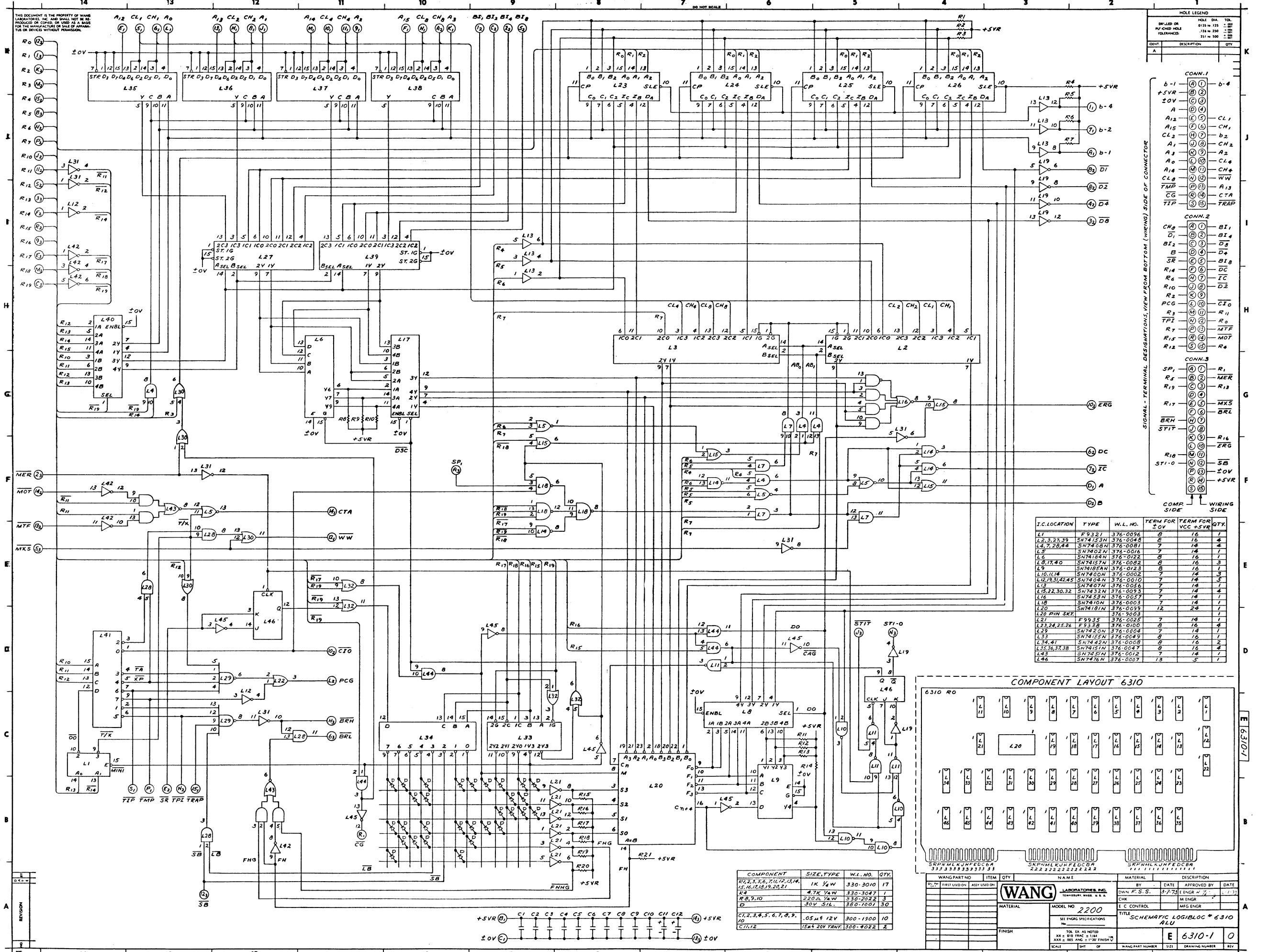


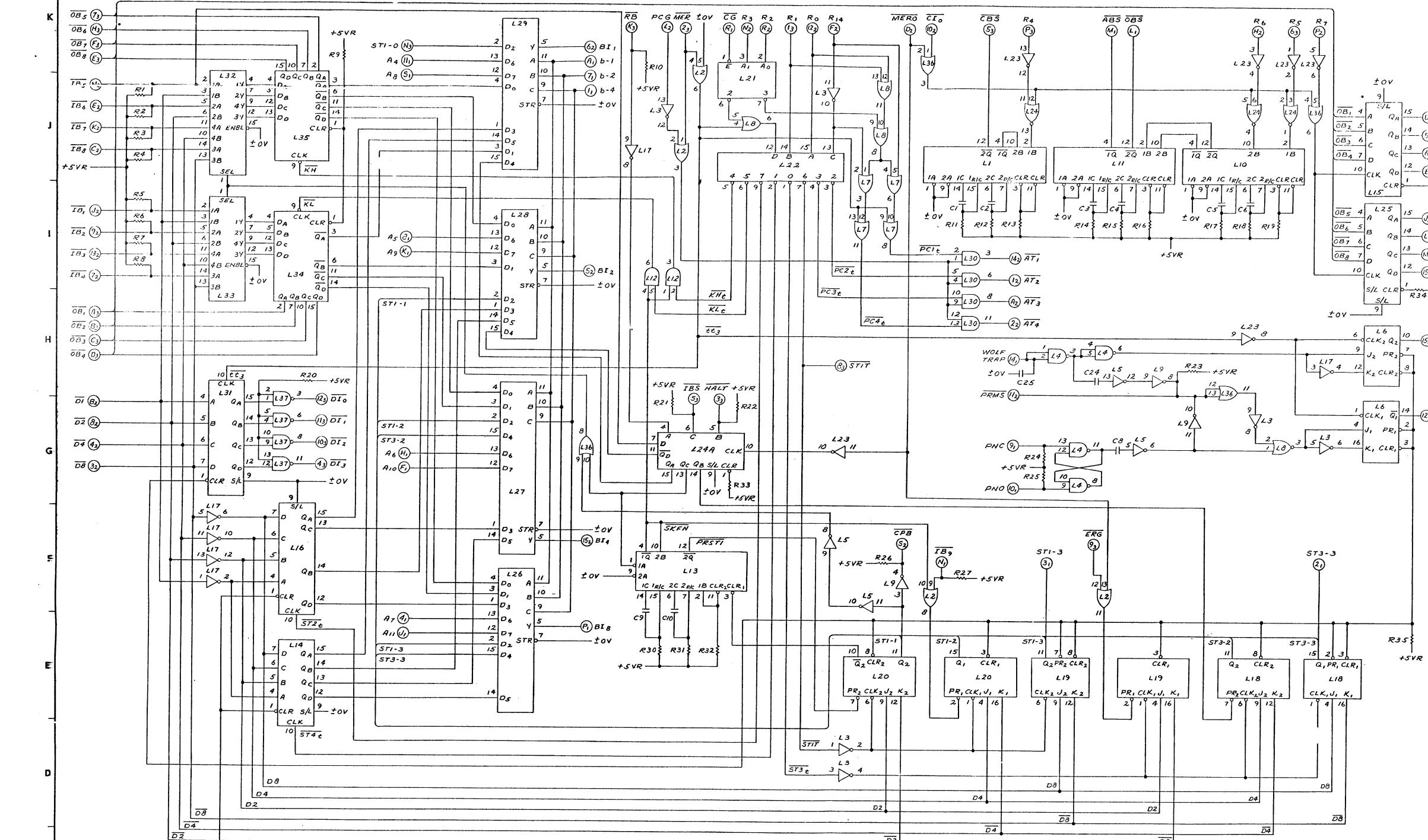
ITEM NO. KCC-15Y	PERM NO. L-0V	LOCATION	TYPE	W.L. PART NO.	QTY.
14	7	L1	SN7430N	376-0031	1
13	5	L2,3,4,24	SN7476N	376-0007	4
14	7	L5,42,43,44	SN7432N	376-0093	4
10	5	L6,17	SN7493N	376-0011	2
14	7	L7,9,11,18,21	SN7404N	376-0010	5
14	7	L8	SN7410N	376-0003	1
14	7	L10,34	SN7408N	376-0081	2
16	8	L12,13,32,39	SN7417N	376-0119	4
16	8	L14,23	9321	376-0096	2
16	8	L15,16,19,20,22,32	SN7419SN	376-0097	6
16	8	L25,36,37,49	SN7415TN	376-0082	4
16	8	L26,27	SN7416IN	376-0124	2
16	8	L28,29,30,31	SN7415ZN	376-0048	4
14	7	L13,35,41	SN7400N	376-0002	3

COMPONENT	SIZE/TYPE	W.L. PART NO.	QTY.
R1	2.7K 1/4W	330-3027	1
R3, 33	1K 1/4W	330-3010	2
R28	4.7K 1/4W	330-3047	1
R29	180 μ 1/4W	330-2018	1
R30	1.8K 1/4W	330-3018	1
R31, 32	220 μ 1/4W	330-2022	2
C19-20	15 μ F, 20V T	309-4022	2
C23	.47 μ F CER	300-1047	1
C3-18	.054 μ F CER.	300-1900	15
Xtal 1	10MC OSC.	321-0008	1
.11	16 PIN CONN.	376-9002	1

NAME ANG LABORATORIES, INC. TEWKSBURY, MASS. U.S.A.	MATERIAL BY DWN ZK CHK E C CONTROL	DESCRIPTION DATE APPROVED BY DATE		
		9-15-73 ENGR K	9-26-73	
MODEL NO. 2200 SEE ENGINEERING SPECIFICATIONS Rev. No.	TITLE SCHEMATIC LOGIC/BLOC # 6308-1 MEMORY CONTROL			
TOL. AS NOTED XX = .010 INCH ± 1/164 XXX = .005 INCH ± 1/32 FINISH	E	6308-2	3	REV.
SCALE	SHT OF	WANG PART NUMBER	SIZE	DRAWING NUMBER

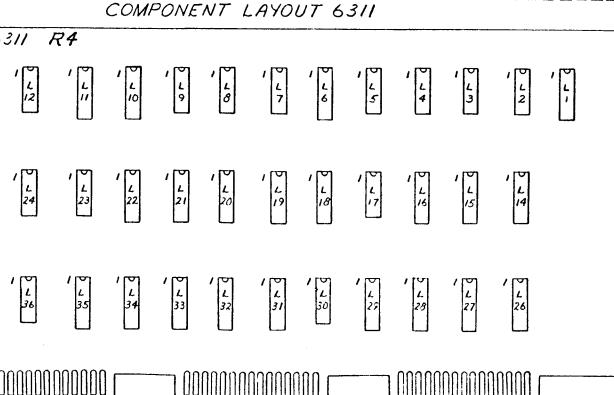




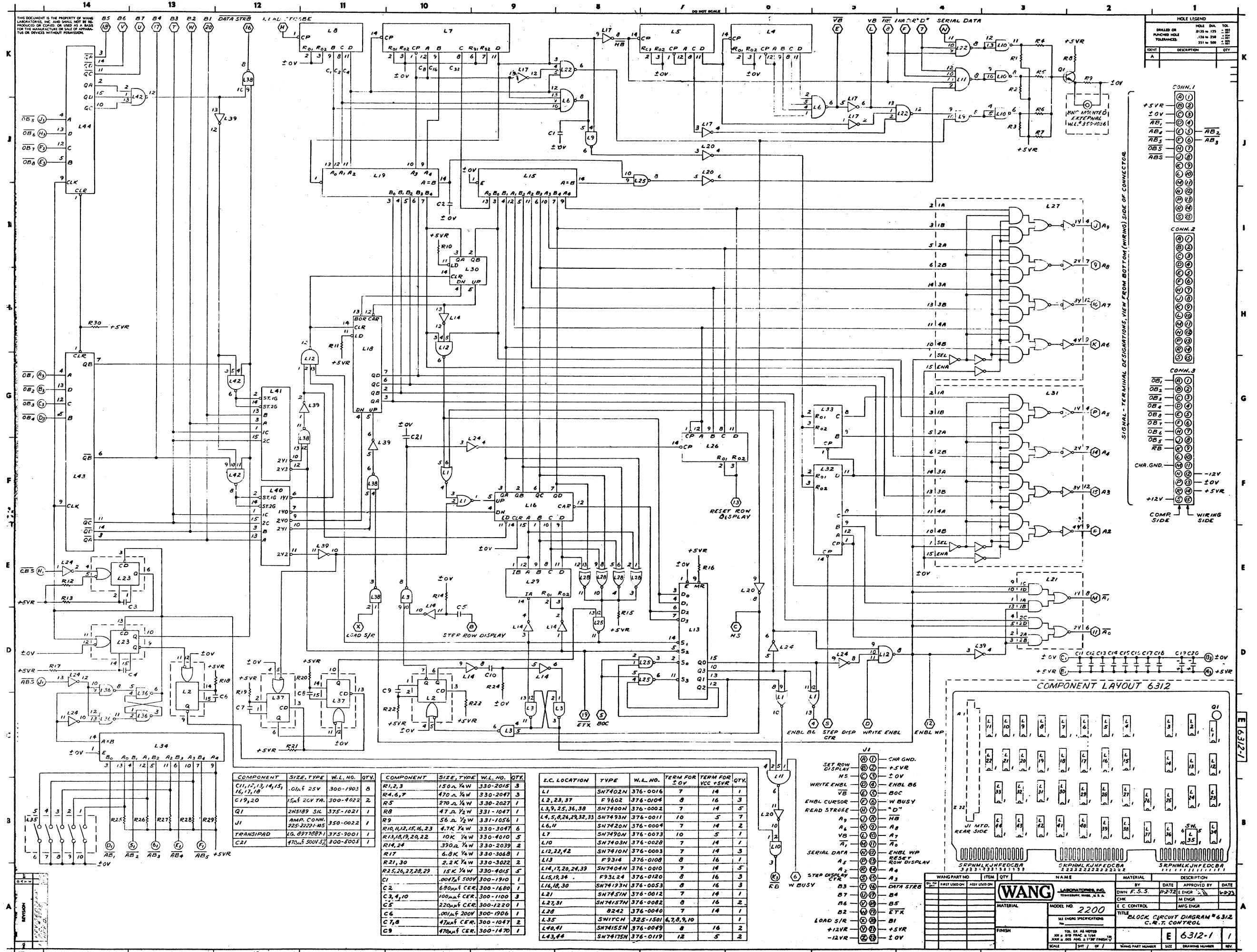


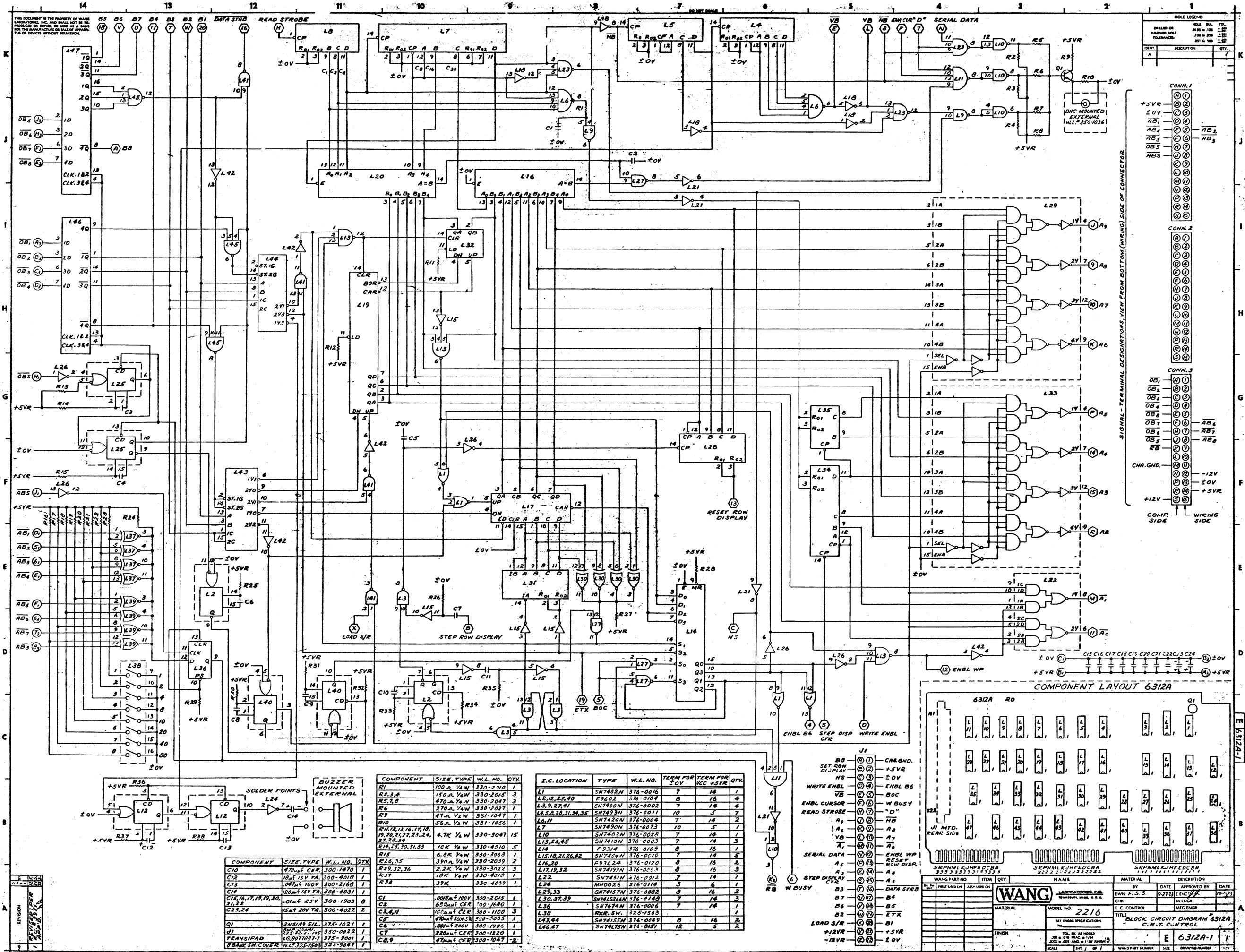
COMPONENT LAYOUT 6

I.C. LOCATION	TYPE	W/L NO.	TERM FOR SOV	TERM FOR VCC + SVR	QTY.
L1,10,11,13	SN74123N	376-0080	8	16	4
L2,7,8,36	SN7432N	376-0093	7	14	4
L3,17,23	SN7404N	376-0010	7	14	3
L4	SN7400N	376-0002	7	14	1
L5	F9935	376-0025	7	14	1
L6,10,19,20	SN7476N	376-0007	13	5	4
L9	SN7406N	376-0055	7	14	1
L12,30	SN7408N	376-0081	7	14	2
L16,15,16,20A,25,31	SN74175N	376-0097	8	16	6
L21	F9321	376-0036	8	16	1
L22	SN7442N	376-0008	8	16	1
L24	SN7402N	376-0016	7	14	1
L26,27,28,29	CN7415IN	376-0047	8	16	4
L32,33	SN74157N	376-0082	8	16	2
L34,35	SN74175N	376-0119	8	16	2
L37	SN7437N	376-0086	7	14	1

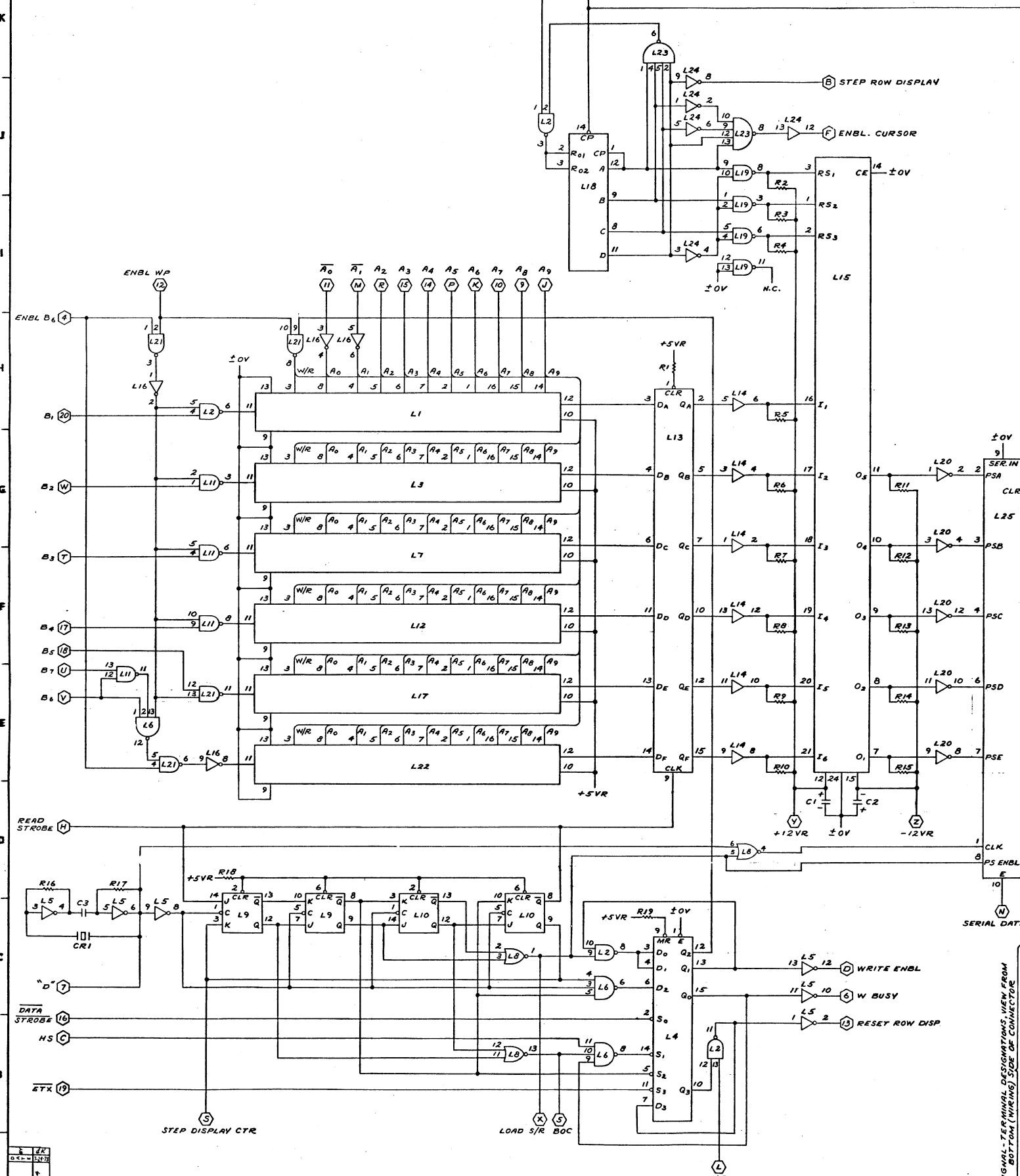


COMPONENT	SIZE, TYPE	WL. NO.	QTY.
R1,2,3,4,5,6,7,8,10,20,21,22,23,26,27,38	1K $\frac{1}{4}$ W	330-3010	16
R9,13,16,19,3,2	2.7K $\frac{1}{4}$ W	330-3027	5
R11,17,18,30,31	10K $\frac{1}{4}$ W	330-4010	5
R12,14,15	33K $\frac{1}{4}$ W	330-4033	3
R24,25,33,34	4.7K $\frac{1}{4}$ W	330-3047	4
R35	470 μ A $\frac{1}{4}$ W	330-2047	1
C1,5	390 μ uf CER	300-1390	2
C2,3,4	470 μ uf CER	300-1470	3
C6,10	82 μ uf CER	300-1082	2
C7,8	820 μ uf CER	300-1820	2
C9	220 μ uf CER	300-1220	1
I1,I2,I3,I4,I5,I6,I7,I8,I9,I10,I11	.056A 12VZER	300-1100	11
C22,23	15uf 15V TANT	300-4022	2
C24	.002uf 200V	300-1913	1
C25	.01uf CER	300-1903	1





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HOLE LEGEND			
DRILLED OR PUNCHED HOLE	HOLE DIA. 0.125 ± .005	TOL. .005	
	1.25 ± .250	.250	
	2.50 ± .500	.500	

TOLERANCES:
.250 ± .500

250 ± 500

500 ± 100

100 ± 20

20 ± 4

4 ± 1

1 ± .5

.5 ± .25

.25 ± .125

.125 ± .0625

.0625 ± .03125

.03125 ± .015625

.015625 ± .0078125

.0078125 ± .00390625

.00390625 ± .001953125

.001953125 ± .0009765625

.0009765625 ± .00048828125

.00048828125 ± .000244140625

.000244140625 ± .0001220703125

.0001220703125 ± .00006103515625

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.0000019073486328125 ± .00000095367431640625

.00000095367431640625 ± .000000476837158203125

.000000476837158203125 ± .0000002384185791015625

.0000002384185791015625 ± .0000001220703125

.0000001220703125 ± .00000006103515625

.00000006103515625 ± .000000030517578125

.000000030517578125 ± .0000000152587890625

.0000000152587890625 ± .00000000762939453125

.00000000762939453125 ± .000000003814697265625

.000000003814697265625 ± .0000000019073486328125

.0000000019073486328125 ± .00000000095367431640625

.00000000095367431640625 ± .000000000476837158203125

.000000000476837158203125 ± .0000000002384185791015625

.0000000002384185791015625 ± .0000000001220703125

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.000000000030517578125 ± .0000000000152587890625

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.00000000000762939453125 ± .000000000003814697265625

.000000000003814697265625 ± .0000000000019073486328125

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.000000000000476837158203125 ± .0000000000002384185791015625

.0000000000002384185791015625 ± .0000000000001220703125

.0000000000001220703125 ± .00000000000006103515625

.00000000000006103515625 ± .000000000000030517578125

.000000000000030517578125 ± .0000000000000152587890625

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.00000000000000762939453125 ± .000000000000003814697265625

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.00000000000000095367431640625 ± .000000000000000476837158203125

.000000000000000476837158203125 ± .0000000000000002384185791015625

.0000000000000002384185791015625 ± .0000000000000001220703125

.0000000000000001220703125 ± .00000000000000006103515625

.00000000000000006103515625 ± .000000000000000030517578125

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.0000000000000000019073486328125 ± .00000000000000000095367431640625

.00000000000000000095367431640625 ± .000000000000000000476837158203125

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.0000000000000000002384185791015625 ± .0000000000000000001220703125

.0000000000000000001220703125 ± .00000000000000000006103515625

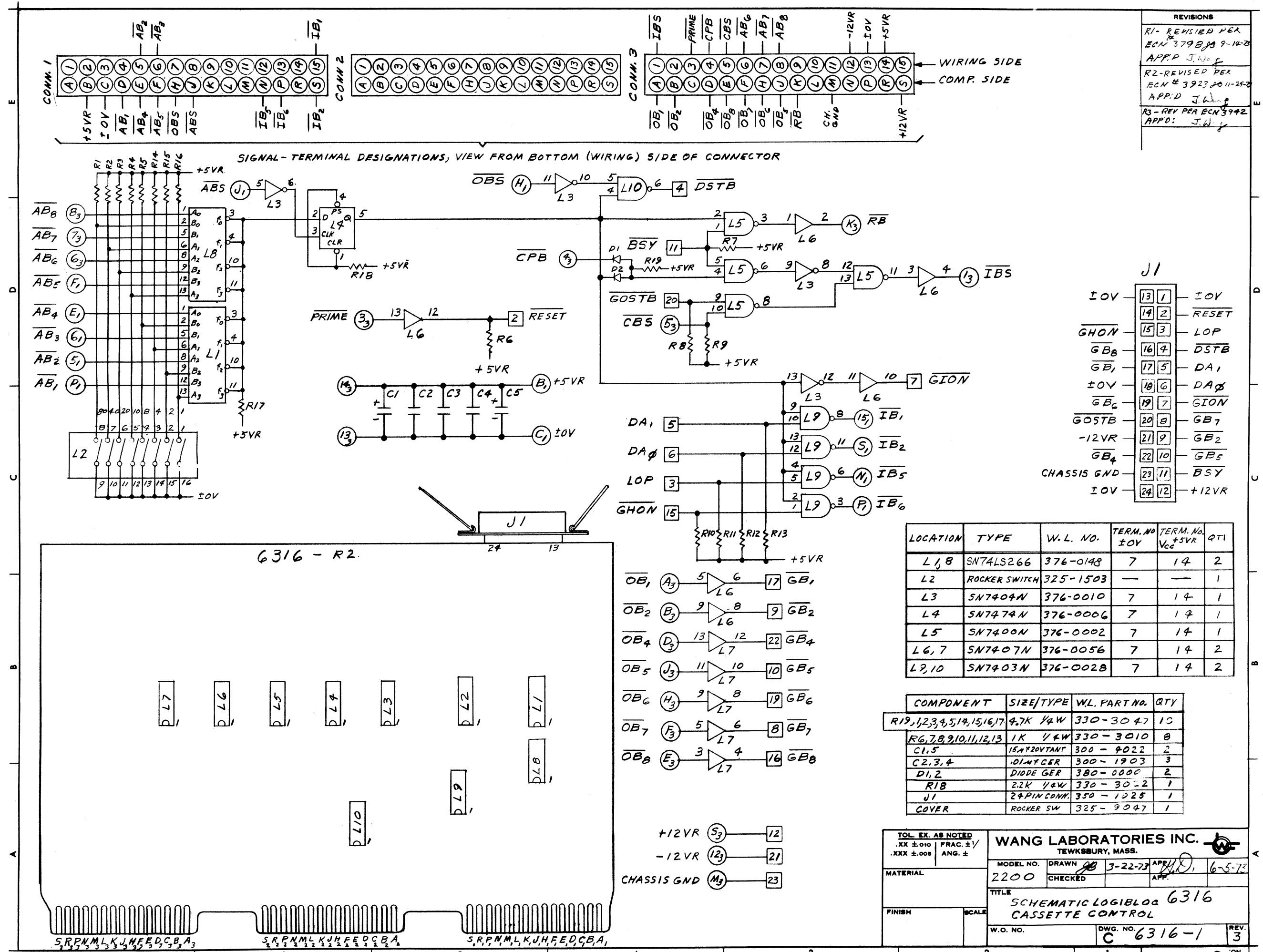
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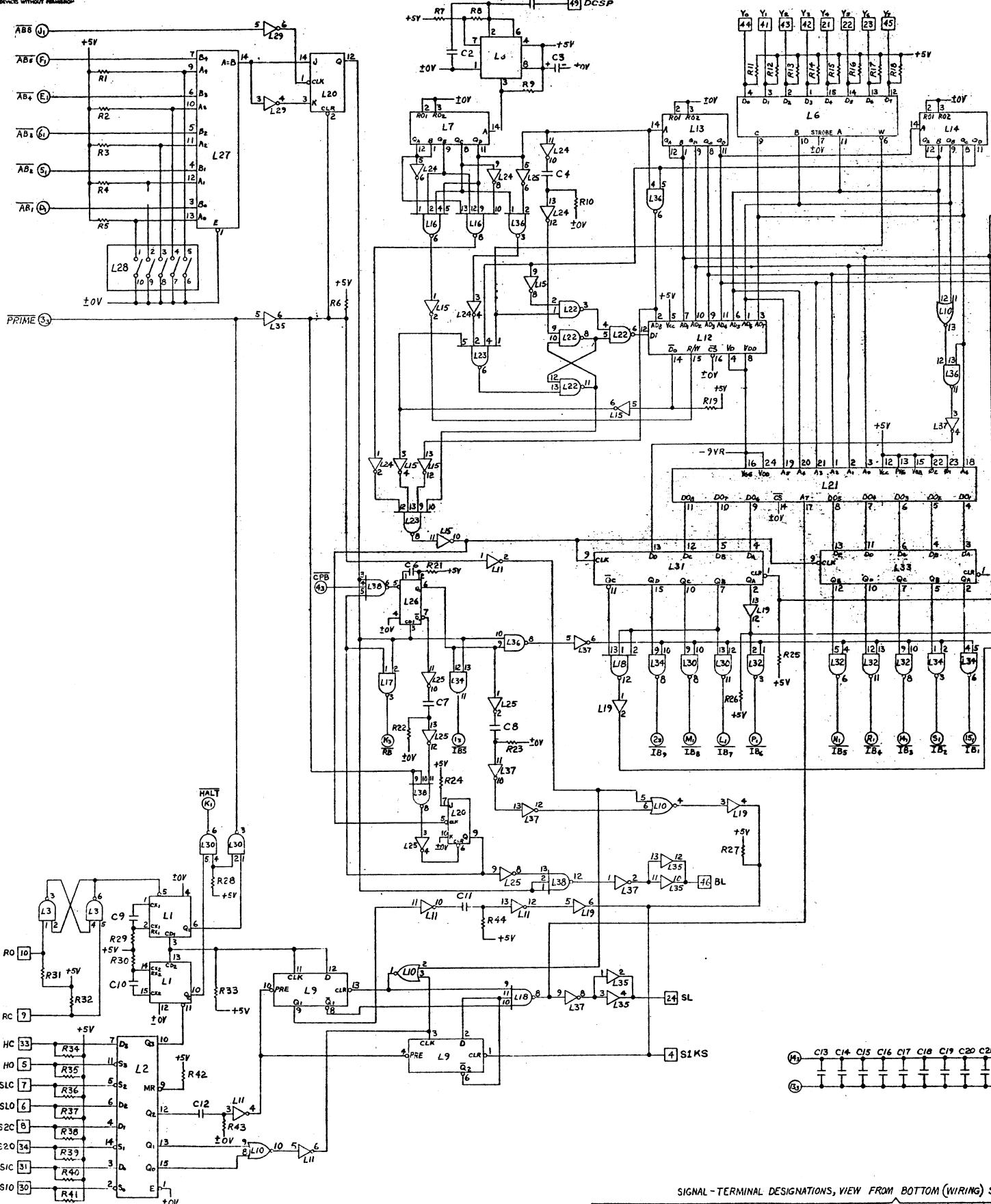
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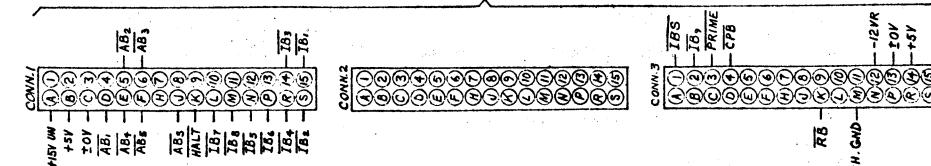
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ATUS OR SERVICES WITHOUT PERMISSION.

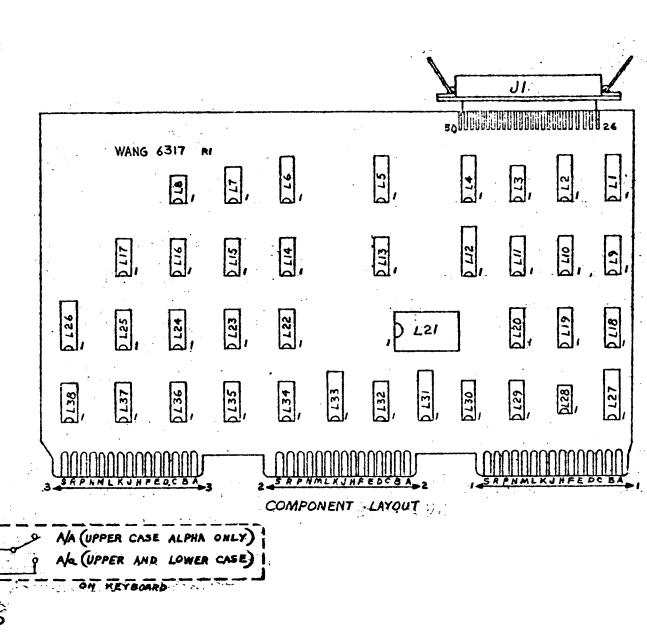


SIGNAL-TERMINAL DESIGNATIONS, VIEW FROM BOTTOM (WIRING) SIDE OF CONNECTOR



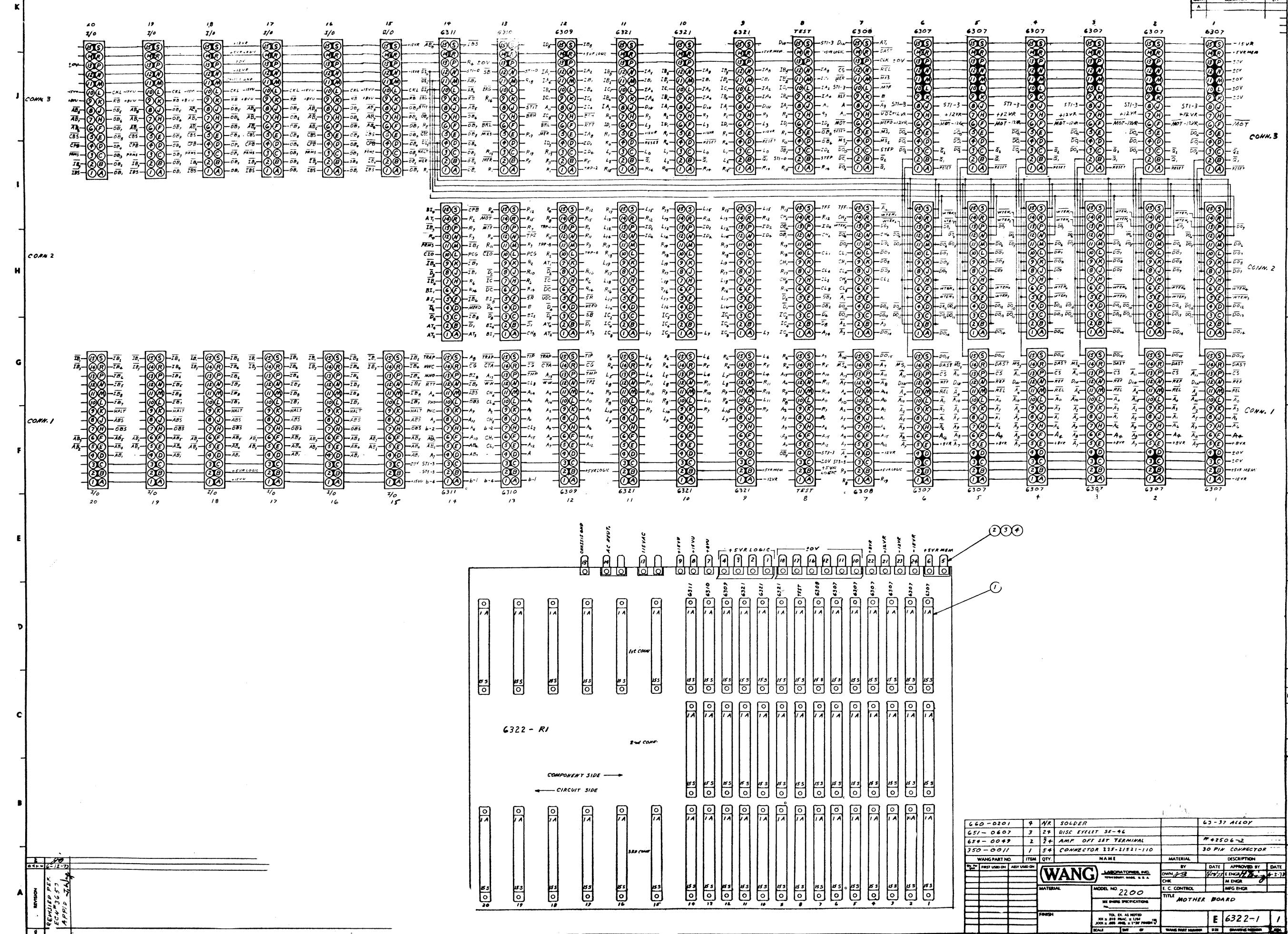
ION	TYPE	W.L. PART NO.	TERM.FN. # OF V	TERM.NO. Vec/SPK
6	9602	376-0104	8	16
	9314	376-0108	8	16
36	SN7400N	376-0002	7	14
	SN74145N	376-0069	8	16
	SN74151N	376-0047	8	16
4	SN7493N	376-0011	10	5
	555(S16)	376-0126	1	8
	SN7474N	376-0006	7	14
	SN7402N	376-0016	7	14
24, 37	SN7404N	376-0010	7	14
	1101	377-0000	16	5
13	SN7420N	376-0004	7	14
2,34	SN7403N	376-0028	7	14
8	SN7410N	376-0003	7	14
5	SN7407N	376-0056	7	14
	SN7475N	376-0005	11	4
	INTEL 1702	377-0009	14	12
	93L24	376-0120	8	16
	5 BANK ROCKER SW	325-1501		
	SN74175N	376-0119	8	16
	SN74174N	376-0059	8	16

COMPONENT	SIZE/TYPE	W.L. PART NO	QTY
R1-5	10K 1/4 W	330-4010	5
R6	1.2K 1/4 W	330-3012	1
R7, 25, 28	2.2K 1/4W-N	330-3022	3
R8, 9, 33	1K 1/4 W	330-3010	3
R10, 22, 23, 43, 44	390Ω±1/4W	330-2039	5
R11, 19, 24, 26, 27, 31, 32, 34	4.7K 1/4 W	330-3047	23
R20	33Ω, 1W	332-1033	1
R21, 30	33Ω 1/4 W	330-4033	3
- C1	.0015μF/100V	300-2015	1
C4, 7, 8, 11, 12	.001μF, 200V	300-1906	5
C3, 5, 22, 23	.15μF, 200VAT	300-4022	4
C6, 9, 10	.47μF, 500V	300-5005	3
C13-21	.01μF, 25V CER.	300-1903	9
C2	.001μF 100V	300-2010	1
DI	INT75TA(9.IV)	380-2091	1
IC CONN.	57-40500CH	350-1027	1
TC SOCKET	24 PIN	376-9003	1

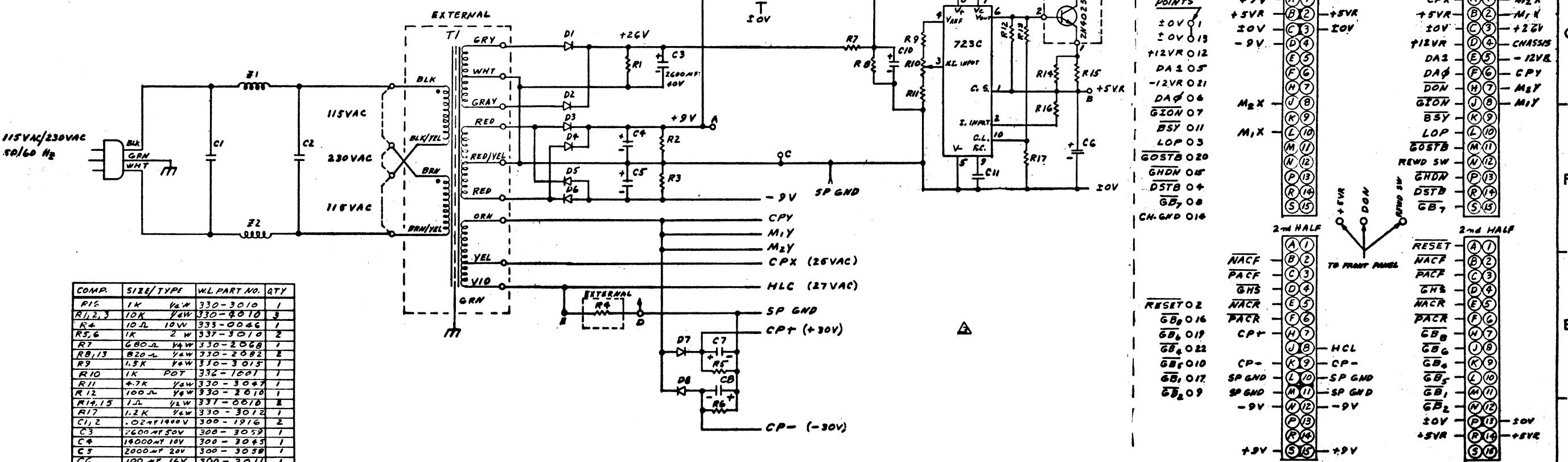


HOLE LEGEND			
	HOLE	DIA.	TOL.
DR.		.0135 to .125	+ .005 - .001
HOLE		.126 to .250	+ .005 - .001
SL.		.2514 to .500	+ .005 - .001

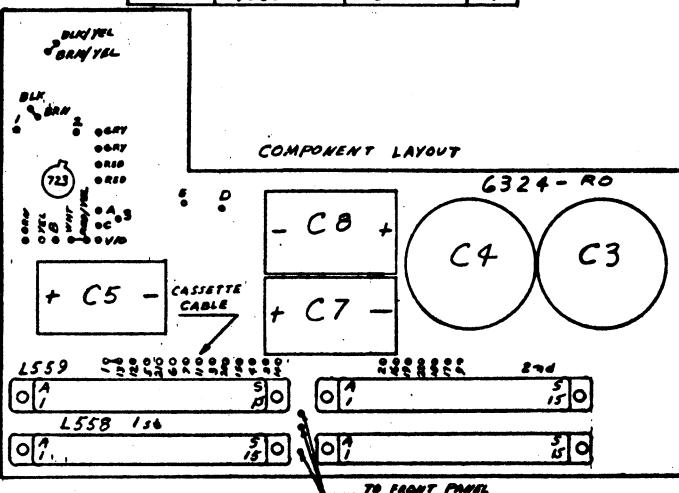
ART NO.	ITEM	QTY	NAME	MATERIAL	DESCRIPTION		
ON	ASSY USED ON		WANG LABORATORIES INC. TEWKSBURY, MASS. U.S.A.	BY	DATE	APPROVED BY	DATE
				DWN	6-17-73	ENGR	6-17-73
				CHK		MR ENGR	
	MATERIAL	MODEL NO	2200	E.C. CONTROL	MFG ENGR		
			ME. ENGR. SPECIFICATION NO.	TITLE SCHEMATIC LOGIBLOC # 6317 KEYBOARD ENCODER (INTEL ROM) . L			
	FINISH		TOL. EX AS NOTED XX = 0.010 INCH = 0.254 MM XXA = 0.025 INCH = 0.635 MM	IN		E	6317-1
		SCALE	SH ¹ /OF	WANG PART NUMBER	SIZE	DRAWING NUMBER	REV



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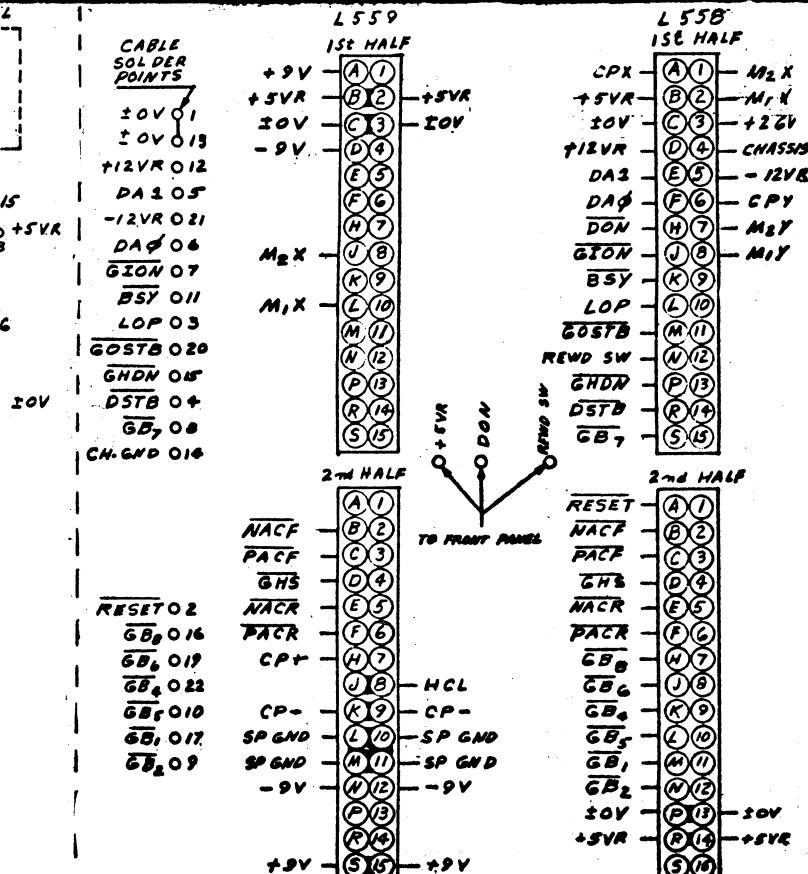


COMP.	SIZE/TYPE	WL PART NO.	QTY
R16	1K	Yew 330-3010	1
R1,2,3	10K	Yew 330-4010	3
R4	10Ω 1W	333-0046	1
R5,6	1K	2 W 337-3010	2
R7	680Ω 1W	330-2068	1
R8,13	820Ω 1W	330-2082	2
R9	1.5K	Yew 330-3015	1
R10	1K	POT 332-1001	1
R11	4.7K	Yew 330-3047	1
R12	100Ω 1W	330-2010	1
R14,15	1.5Ω	337-0010	2
R17	1.2K	Yew 330-3012	1
C1,2	.024T 1600V	300-1916	2
C3	1600μF 50V	300-3059	1
C4	14000μF 10V	300-3045	1
C5	2000μF 20V	300-3058	1
C6	100μF 16V	300-3011	1
C7,8	500μF 50V	300-3053	2
C9,11	.01μF CER	300-1903	2
C10	15μF 20V	300-3007	1
D1,2,5,6,7,8	EM403	300-4000	6
D3,4	GEA15-P	380-3004	4
A1,22	22 NA	300-0000	2
I1WK CORD	420-1020	1	
T1	MMC 4831	910-0089	1
CDNA	225-21521-110	350-0071	4
L7830	376-0066	1	



SIG.	PC. BD NO.	WIRE NO.	CONN. PIN NO.
±12V	1	1	1
RESET	2	2	2
LOP	3	3	3
DSTB	4	4	4
DA1	5	5	5
DA2	6	6	6
GION	7	7	7
GB ₁	8	8	8
GB ₂	9	9	9
GB ₃	10	10	10
BSY	11	11	11
+12VR	12	12	12
-12VR	13	13	13
±12V	14	14	14
±12V	15	15	15
GB ₄	16	16	16
GB ₅	17	17	17
±12V	18	18	18
GB ₆	19	19	19
GOSTB	20	20	20
GB ₇	21	21	21
GB ₈	22	22	22
CH.GND	14	23	23
±12V	24	24	24

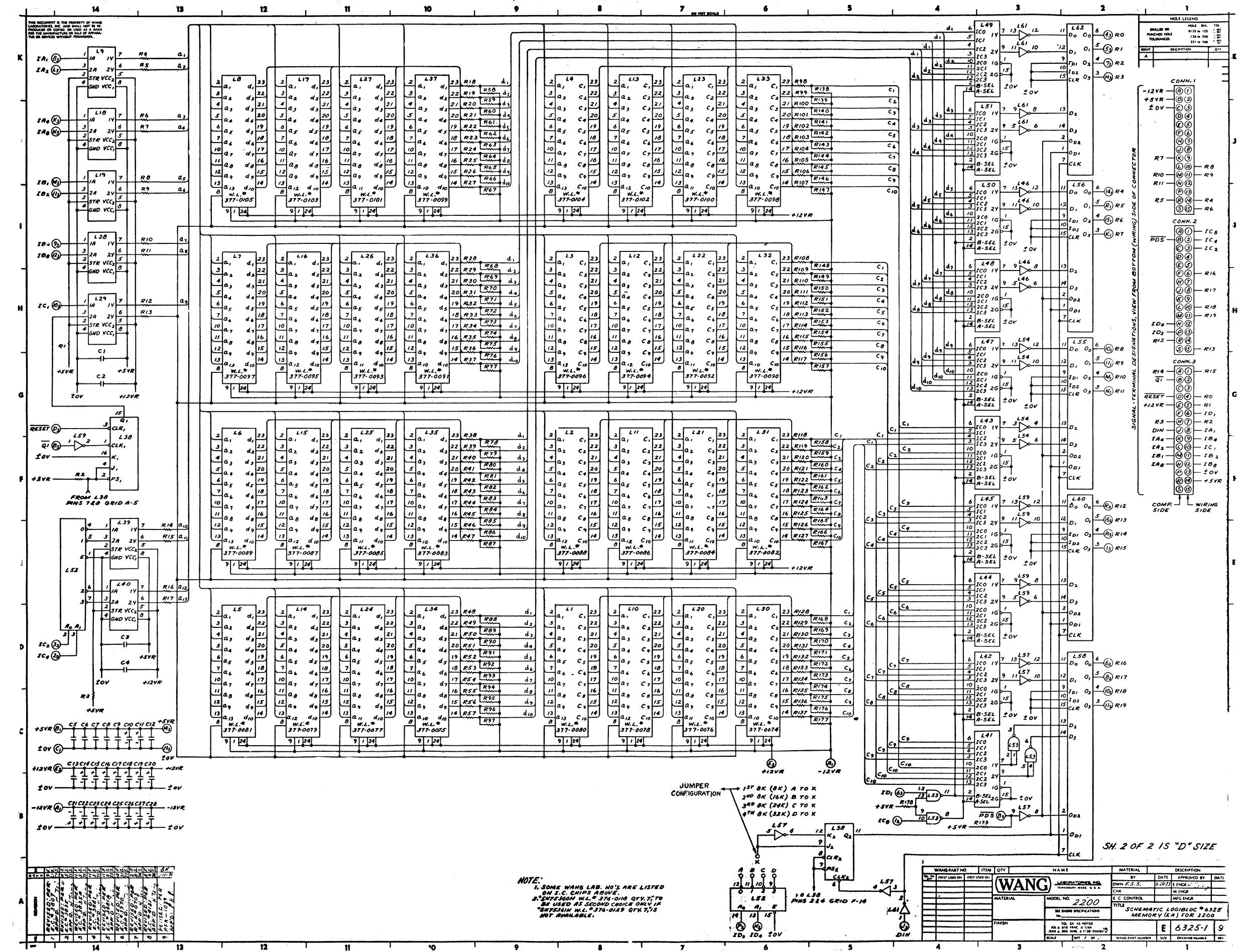
SIG.	PC. BD NO.	WIRE NO.	CONN. PIN NO.
±12V	1	1	1
RESET	2	2	2
LOP	3	3	3
DSTB	4	4	4
DA1	5	5	5
DA2	6	6	6
GION	7	7	7
GB ₁	8	8	8
GB ₂	9	9	9
GB ₃	10	10	10
BSY	11	11	11
+12VR	12	12	12
-12VR	13	13	13
±12V	14	14	14
±12V	15	15	15
GB ₄	16	16	16
GB ₅	17	17	17
±12V	18	18	18
GB ₆	19	19	19
GOSTB	20	20	20
GB ₇	21	21	21
GB ₈	22	22	22
CH.GND	14	23	23
±12V	24	24	24



- NOTE:-
1. STRIP BACK $\frac{1}{4}$ " AND TIN $\frac{1}{8}$ "
 2. FOLD BACK AND TIE ALL UNUSED WIRES

660-0202 / A/R SOLDER				G3-37 ALLOY			
WANG PART NO.	ITEM QTY	NAME	MATERIAL	DESCRIPTION			
Qty per Unit	First Used On	Assy Used On	Material	By	Date	Approved By	Date
1	1	1	WANG	OWN 20	3-12-73	E ENGR (G. D.)	6-7-73
1	1	1	LABORATORIES, INC.	CHK		M ENGR	
1	1	1	2217/16	E.C. CONTROL		MFG ENGR	
1	1	1	SEE ENGR SPECIFICATIONS				
1	1	1	No.				
1	1	1	TOL EX AS NOTED				
1	1	1	JXX ± .010 INCHES 1/4"				
1	1	1	JXX ± .005 ANG. ± 1°30' PITCH				
1	1	1	1/8"				
1	1	1	WANG PART NUMBER	WANG PART NUMBER	SIZE	DRAWING NUMBER	REV.
1	1	1	2	2	1	1	1

REVISION	REF ID	REV DATE	REV BY
1	6324-1	2-12-73	WANG
2	6324-1	2-12-73	WANG



SEE JUMPER CONFIGURATION
IN ZONE 68 ON SH. 1 OF 2

L57,P5 TO L52,P12

L57,P5 TO L52,P11

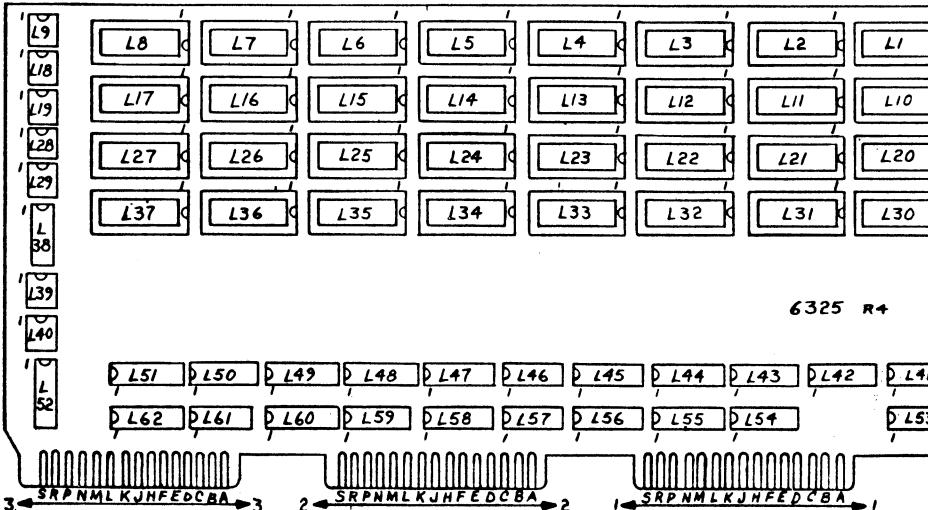
DO NOT SCALE

	A1 *	A2 *	B1 *	BX1 *	BX2 *	BX2M *	
L1	377-0080	377-0163	377-0163	377-0183	377-0203	377-0203	
L2	377-0088	377-0088	377-0088	377-0191	377-0191	377-0191	
L3	377-0135	377-0171	377-0171			377-0223	
L4	377-0104	377-0175	377-0175				
L5	377-0081	377-0164	377-0164	377-0184	377-0202	377-0202	
L6	377-0089	377-0089	377-0089	377-0192	377-0192	377-0192	
L7	377-0136	377-0172	377-0172			377-0224	
L8	377-0105	377-0176	377-0176				
L10	377-0078	377-0078	377-0078	377-0181	377-0181	377-0181	
L11	377-0086	377-0086	377-0086	377-0189	377-0200	377-0200	
L12	377-0094	377-0169	377-0169			377-0221	
L13	377-0133	377-0133	377-0173				
L14	377-0079	377-0079	377-0079	377-0182	377-0182	377-0182	
L15	377-0087	377-0087	377-0087	377-0190	377-0201	377-0201	
L16	377-0095	377-0170	377-0170			377-0222	
L17	377-0134	377-0134	377-0174				
L20	377-0076	377-0076	377-0076	377-0179	377-0179	377-0179	
L21	377-0084	377-0084	377-0084	377-0187	377-0198	377-0198	
L22	377-0092	377-0092	377-0092	377-0195	377-0195	377-0195	
L23	377-0100	377-0100	377-0100				
L24	377-0077	377-0077	377-0077	377-0180	377-0180	377-0180	
L25	377-0130	377-0130	377-0130	377-0188	377-0199	377-0199	
L26	377-0093	377-0093	377-0093	377-0196	377-0196	377-0196	
L27	377-0101	377-0101	377-0101				
L30	377-0128	377-0128	377-0161	377-0177	377-0177	377-0177	
L31	377-0082	377-0165	377-0165	377-0185	377-0185	377-0185	
L32	377-0090	377-0167	377-0167	377-0193	377-0193	377-0193	
L33	377-0131	377-0131	377-0131				
L34	377-0129	377-0129	377-0162	377-0178	377-0178	377-0178	
L35	377-0083	377-0166	377-0166	377-0186	377-0197	377-0197	
L36	377-0091	377-0168	377-0168	377-0194	377-0194	377-0194	
L37	377-0132	377-0132	377-0132				

* PREFIX & SUFFIX IDENTIFICATION

"A" - 2200A
 "B" - 2200B
 "M" - MATRIX OPTION, LOAD L3,7,12,46
 "X" - DEFINES 2nd 8K ROM IN A 2200B

COMPONENT LAYOUT



6325 R4

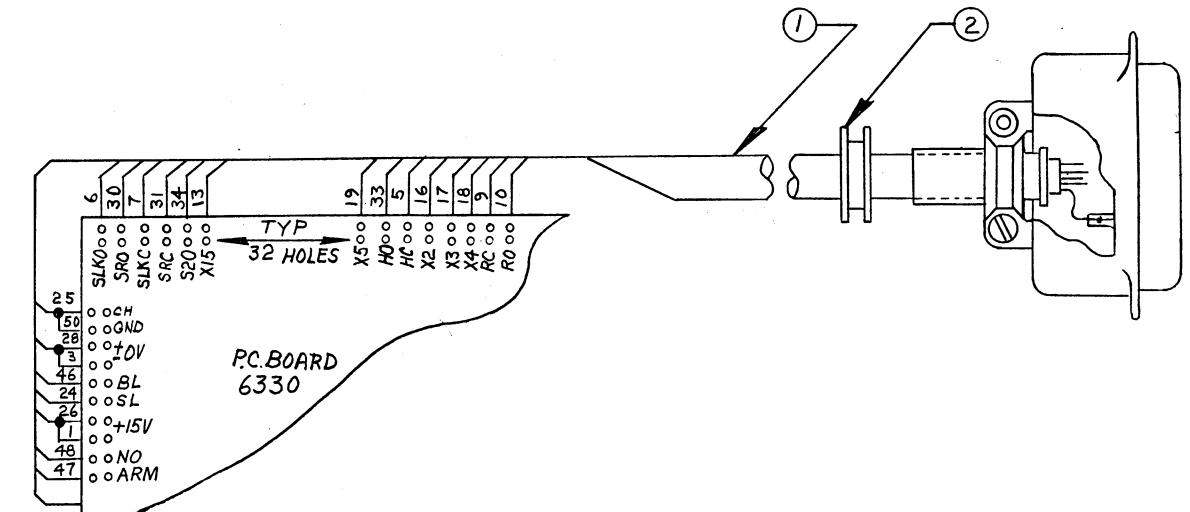
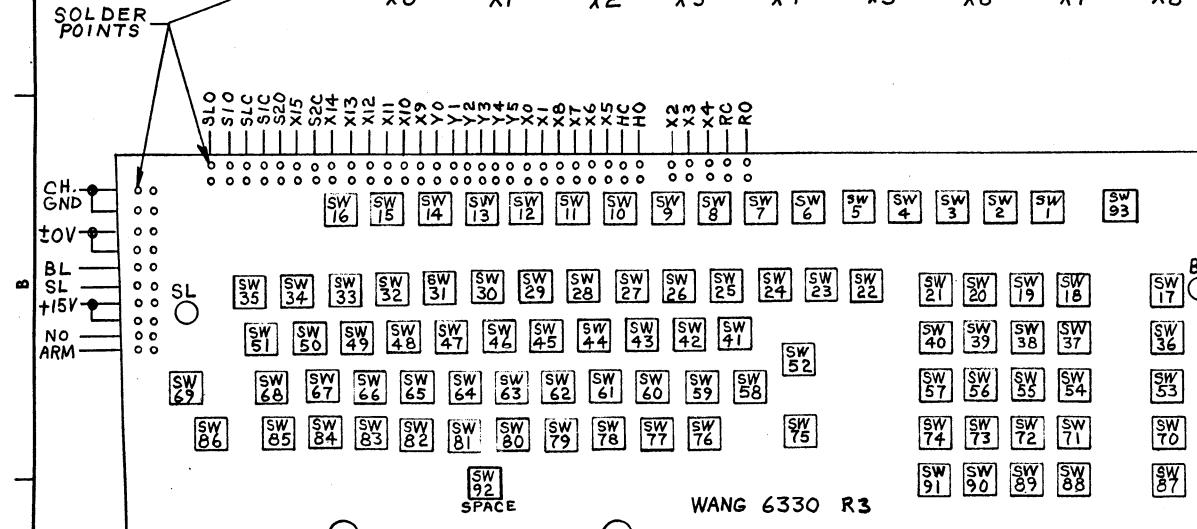
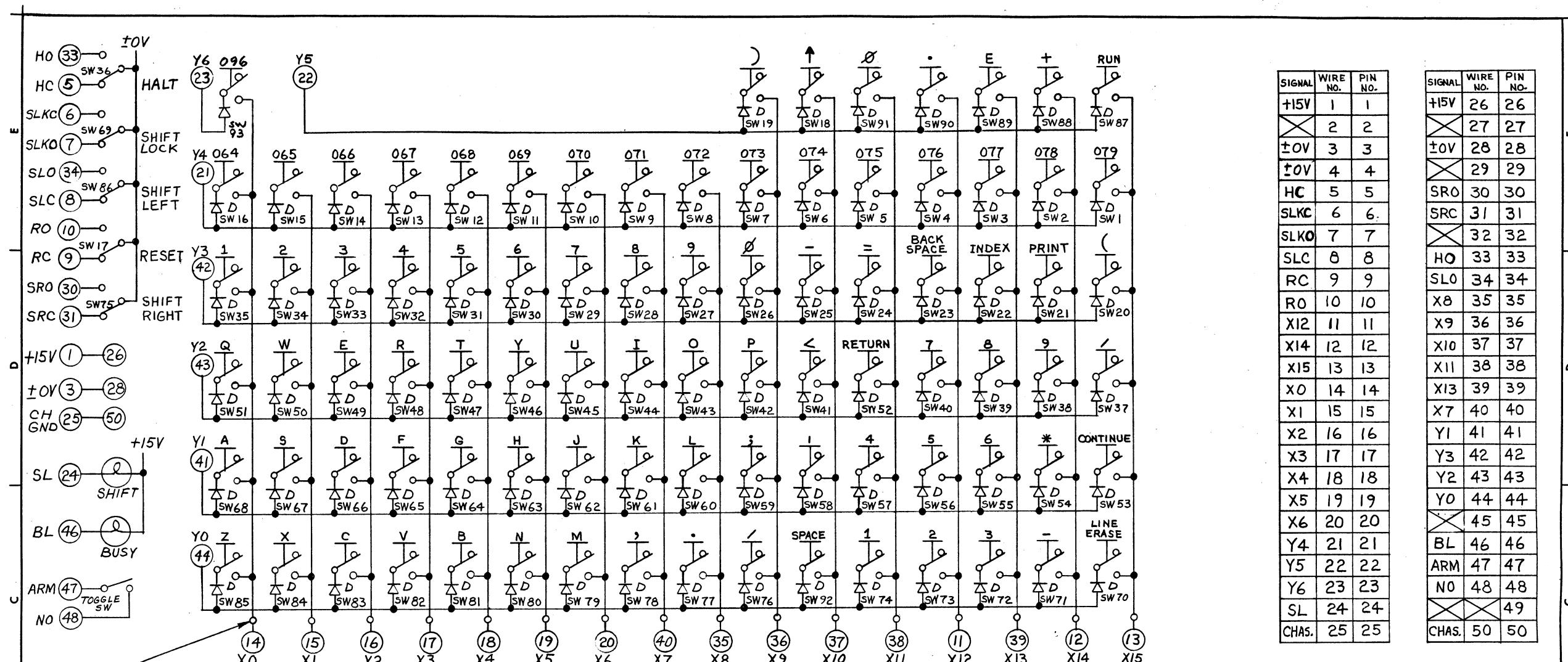
LOCATION	TYPE	W.L. P/N	TERM.NO. ZOV	TERM.NO. VCC+5V	QTY.
L9,18,19,20,29,39,40	SN75361N SEE NOTE 2	376-0129	4	8	7
L38	SN7476N	376-0007	5	13	1
L41,42,43,44,45, 47,48,49,50,51	SN74153N	376-0048	8	16	10
L52	F9321	376-0096	8	16	1
L53	SN7437N	376-0068	7	14	1
L46,54,57,59,61	SN7404N	376-0010	7	14	5
L55,56,58,60,62	8T10	376-0137	8	16	5
REF. NOTE 1	I.C. SOCKET	376-9003			32

NOTES:

1. SEE JUMPER CONFIGURATION ON SHEET 1 OF 2.

COMPONENT	SIZE/TYPE	W.L. P/N	QTY
R1,3	1K 1/4W	330-3010	2
R2	4.7K 1/4W	330-3047	1
R4-17	10.0n 1/4W	330-3010	14
R18-57,98- 137,178	2.7K 1/4W	330-3027	81
R58-97, 138-177	6.8K 1/4W	330-3068	80
R179	2.2K 1/4W	330-3022	1
C1-4,12,13	.1uF 50V	300-1930	6
C5-9	.05uF 12V	300-1900	5
C10,11,14,21	15uF 20V TANT	300-4022	4
C15-20,22-28	1uF 35V TANT	300-4000	13

WANG LABORATORIES INC. TEWKSBURY, MASS.	
MODEL NO.	DRAWN BY
2200	J.P.K 6-11-74
SPECIFIED	APR. P.R. 6-17-74
WHL SCHEMATIC LOGIBLOC # 6325 VARIATION CHART	
SW 2 2	6325-1



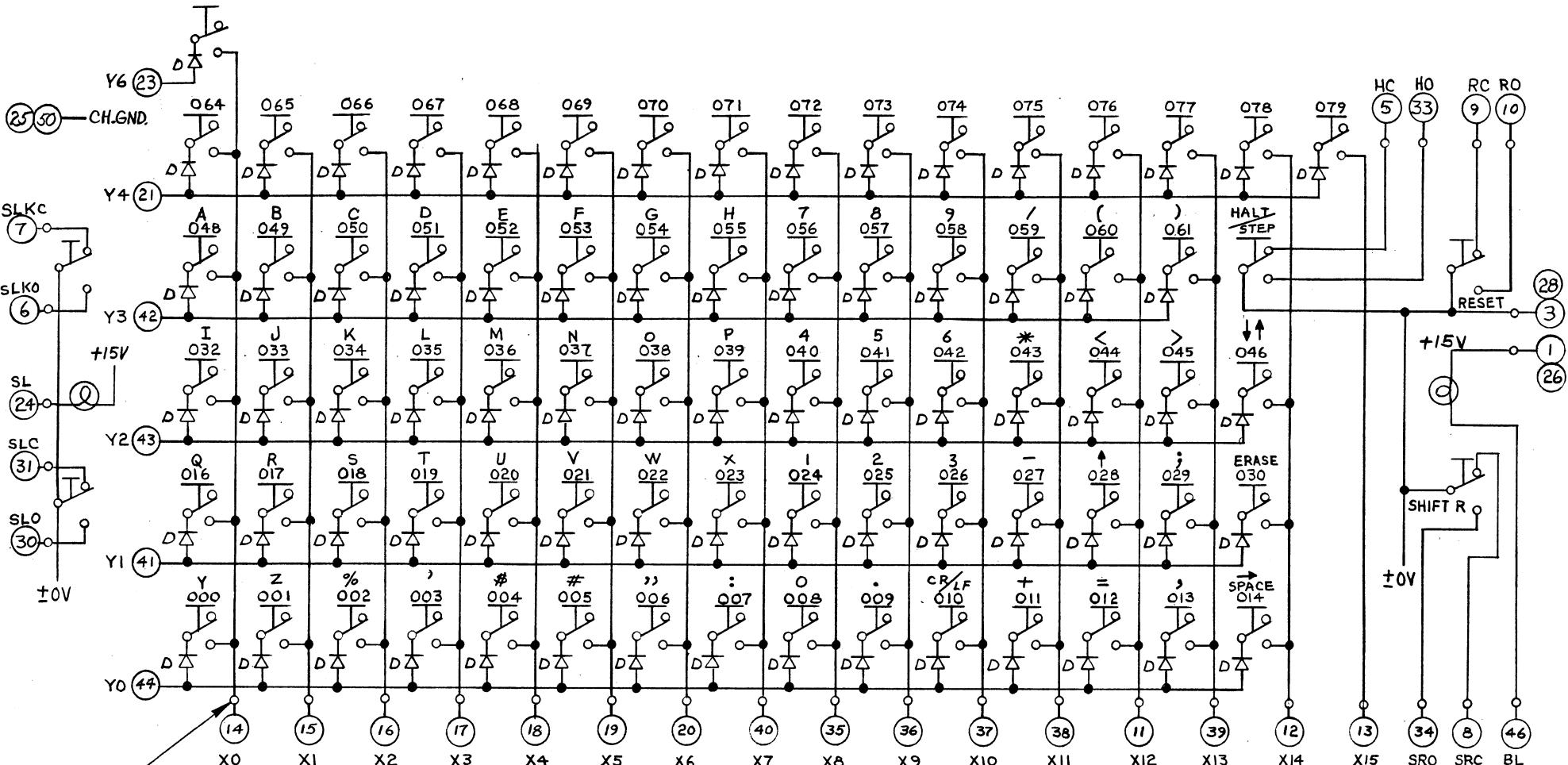
REV	BR	BR	DN	BR	BR
0	RFA-0-329	REV FER	10/3/74	2-12-75	2-25-75
1	APPD.	APPD.	J		
2	APPD.	APPD.	J		
3	APPD.	APPD.	J		
4	APPD.	APPD.	J		
5	APPD.	APPD.	J		
6	APPD.	APPD.	J		
7	APPD.	APPD.	J		

SWITHRU 16#	325-2413	88	SIL. DIODE	4B
ALL OTHERS	325-2405	17	OAK SWITCH	SPST 7/16"
SW17,36,69,75,86	325-2407	71	OAK SWITCH	SPST 1/2"
	370-0004	5	OAK SWITCH	SPDT 1/2"
	654-1205	2	LAMP	1762 WHITE
	220-2650-1	1	REF GROMMET	1/2 I.D. - 3/4 HOLE
			REF CABLE ASSY	DWG. C-6482-4
			WANG PART NO.	ITEM QTY.
			NAME	DESCRIPTION

TOL. EX. AS NOTED		WANG LABORATORIES INC.	
XX ± 0.010	FRAC. ± 1/	TEWKSBURY, MASS.	
XXX ± 0.005	ANG. ±		
MODEL NO.	DRAWN & K	5-30-73	APP. 6-5-73
2222	CHECKED		APP.
TITLE	SCHEMATIC LOGIBLOC 2222 KEYBOARD		
FINISH	SCALE		
W.O. NO.	DWG. NO.	C 6330	REV. 4

E.REV.
1

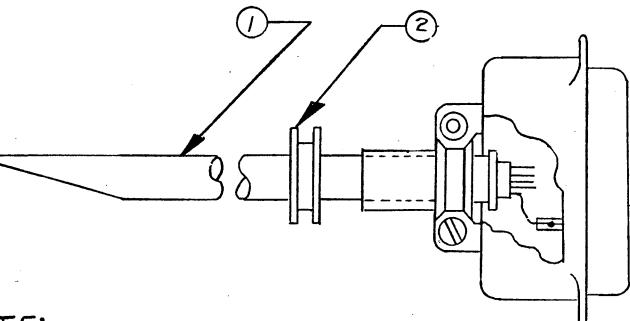
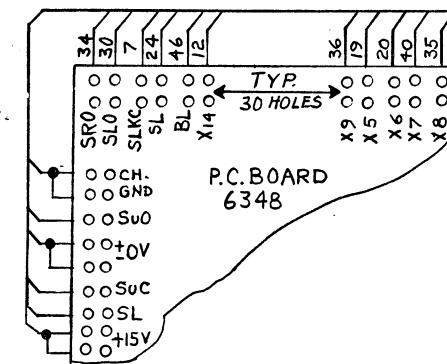
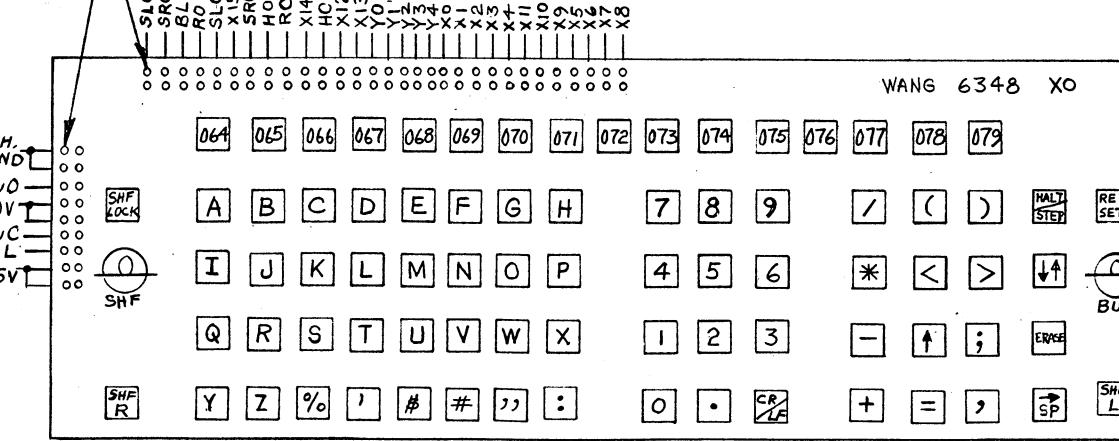
0EE9 C



SIGNAL	WIRE NO.	PIN NO.
+15V	1	1
X	2	2
$\pm 10V$	3	3
X	4	
HC	5	5
SLKO	6	6
SLKC	7	7
SRC	8	8
RC	9	9
RO	10	10
X ₁₂	11	11
X ₁₄	12	12
X ₁₅	13	13
X ₀	14	14
X ₁	15	15
X ₂	16	16
X ₃	17	17
X ₄	18	18
X ₅	19	19
X ₆	20	20
Y ₄	21	21
X	22	22
Y ₆	23	23
SL	24	24
CHAS.	25	25

SIGNAL	WIRE NO.	PIN NO.
+15V	26	26
X	27	27
±0V	28	28
X	X	29
SLO	30	30
SLC	31	31
X	32	32
HO	33	33
SR0	34	34
X8	35	35
X9	36	36
X10	37	37
X11	38	38
X13	39	39
X7	40	40
Y1	41	41
Y3	42	42
Y2	43	43
Y0	44	44
X	45	45
BL	46	46
X	47	47
X	48	48
X	X	49
CHAS.	50	50

SOLDER POINTS



NOT

1. IF UNIT IS NOT AN EDIT VERSION, DELETE(1)
325-2413 AND (1) 380-1001
 2. THE SHIFT LOCK SWITCH (SLK) IS WIRED REVERSED
ON MODEL 2215.

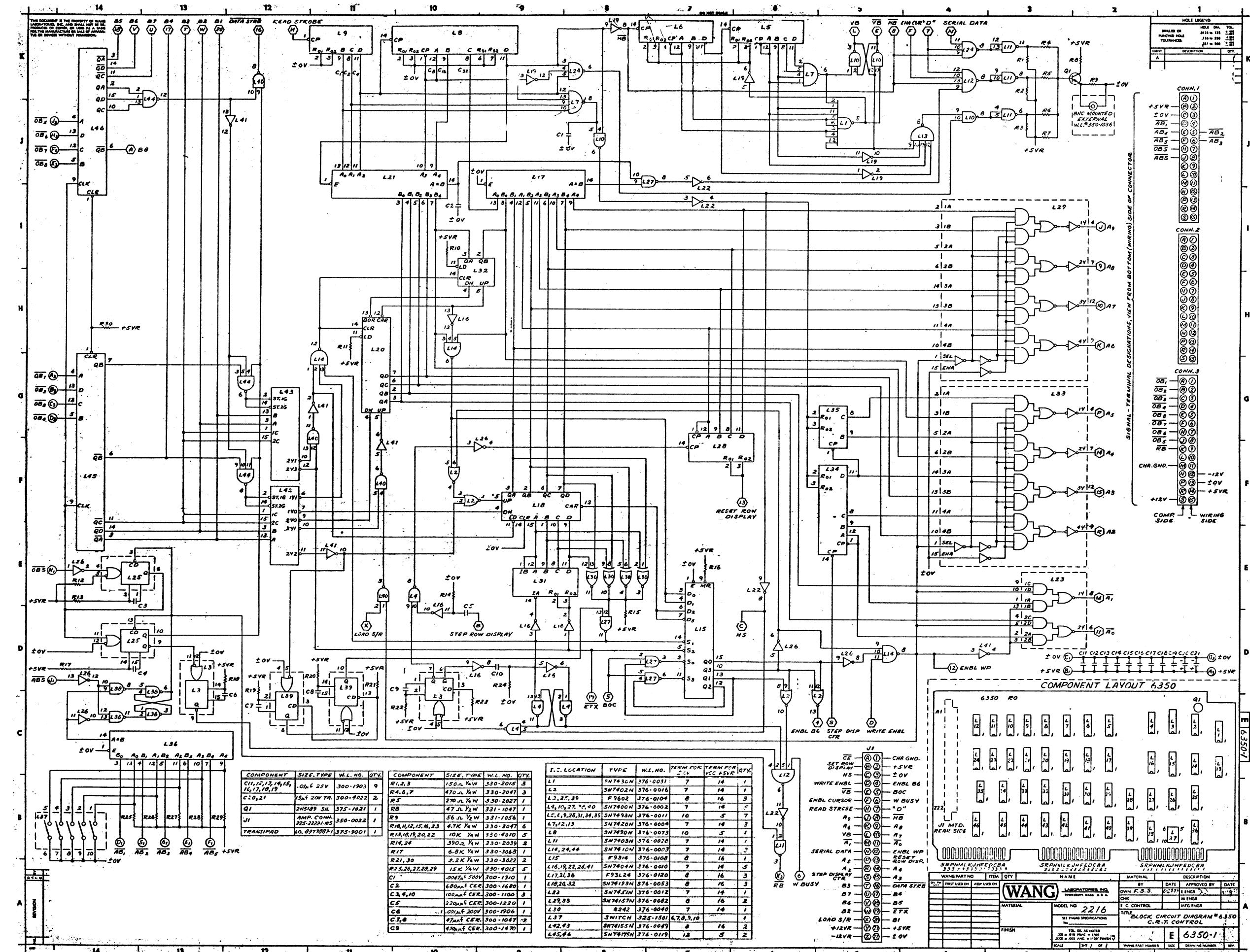
E.REV.

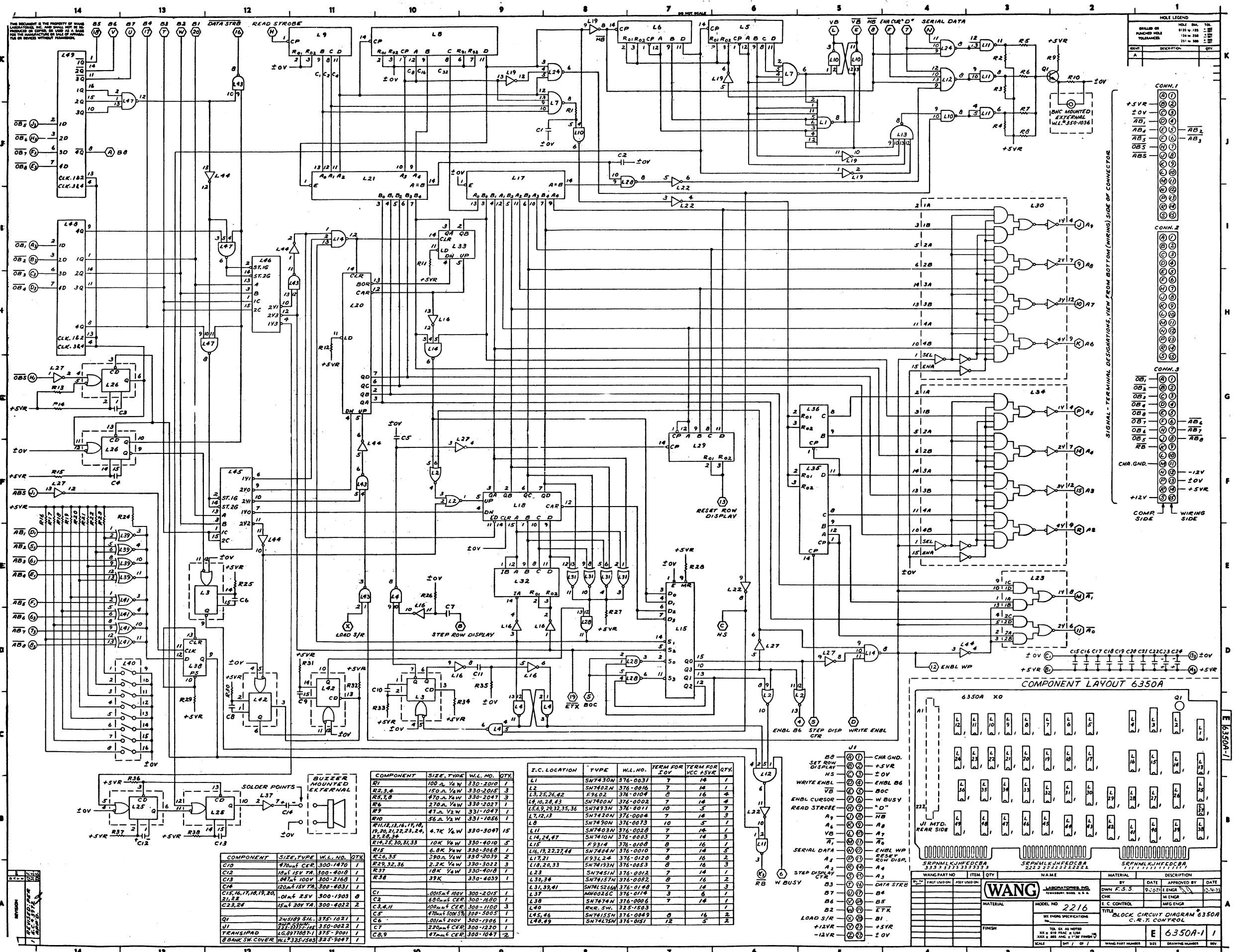
NOTE: 1-STRIP BACK $\frac{1}{4}$ " & TIN $\frac{1}{8}$ ".

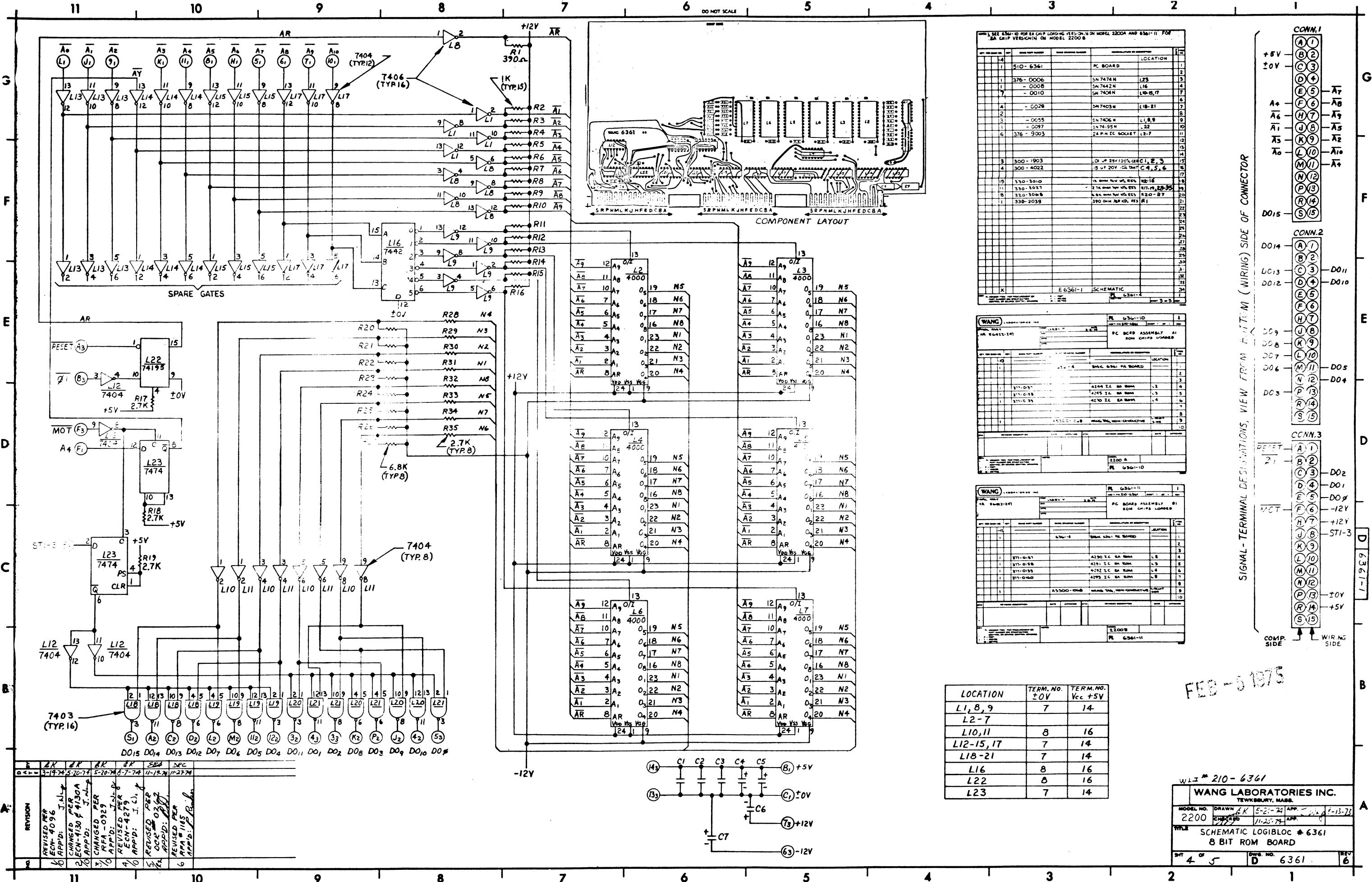
NO.	REVISION	D A T E	EK	EK	EW	EK
1/0	REV PER CS RFA-0330	8-17-73	2-21-74	10/2/74	2-25-75	
1/0	APPD: REV PER ECN 4039					
1/0	APPD: T.C.L.Y					
3	REV PER ECA ⁰					
1/0	#4388 9/25/74 OFF					
4/0	REV PER RFA - 1/556 APPD: P.C.B.					

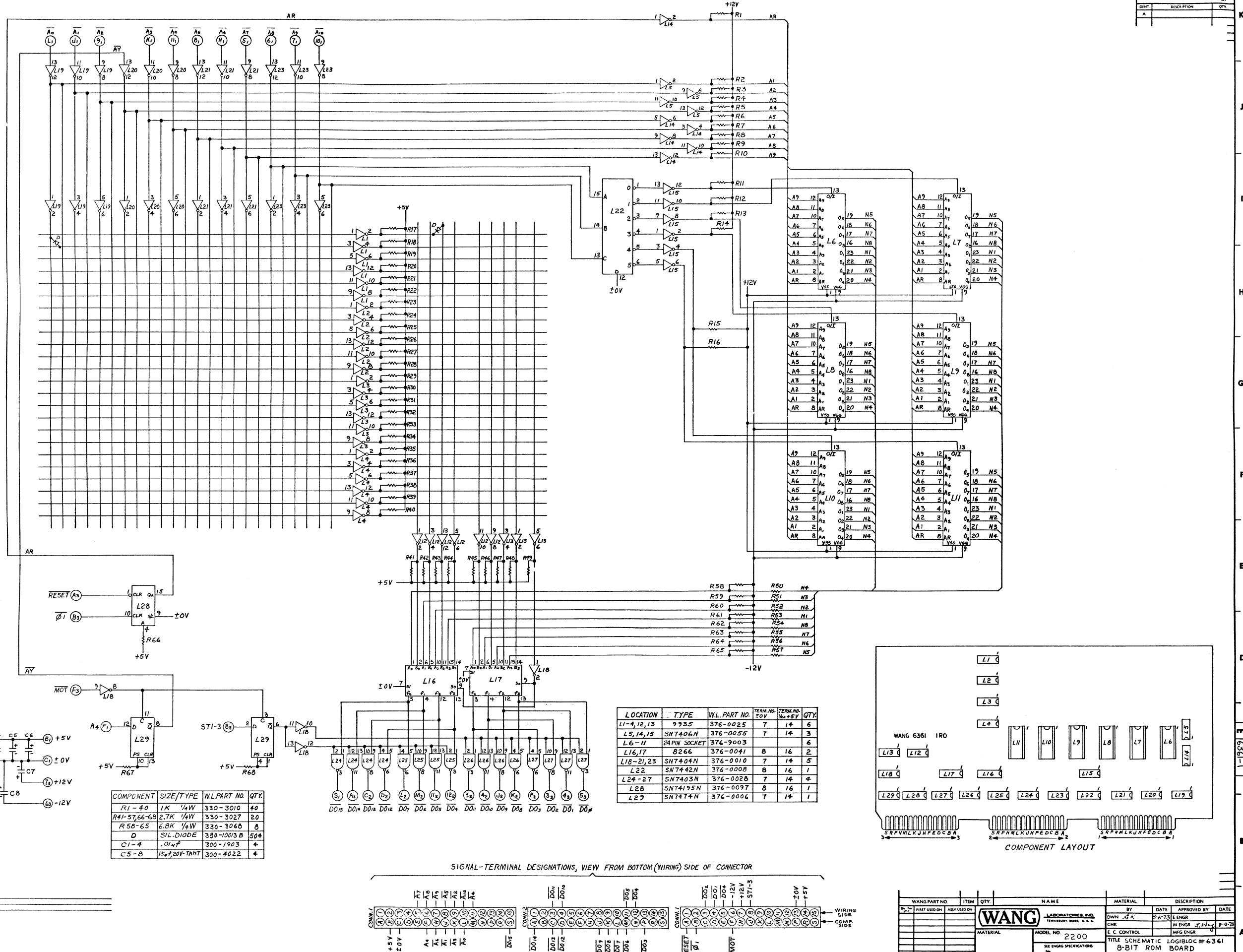
<u>380-1001</u>	<u>7</u>	<u>76</u>	<u>SIL. DIODE</u>
<u>325-2413</u>	<u>6</u>	<u>17</u>	<u>OAK SWITCH(SW64-79)</u>
<u>325-2405</u>	<u>5</u>	<u>59</u>	<u>OAK SWITCH</u>
<u>325-2407</u>	<u>4</u>	<u>5</u>	<u>OAK SWITCH</u>
<u>370-0002</u>	<u>3</u>	<u>2</u>	<u>LAMP</u>
<u>654-1205</u>	<u>2</u>	<u>REF</u>	<u>GROMMET</u>
<u>220-0101</u>	<u>1</u>	<u>REF</u>	<u>CABLE. ASSY.</u>
WANG PART NO.	ITEM	QTY.	NAME

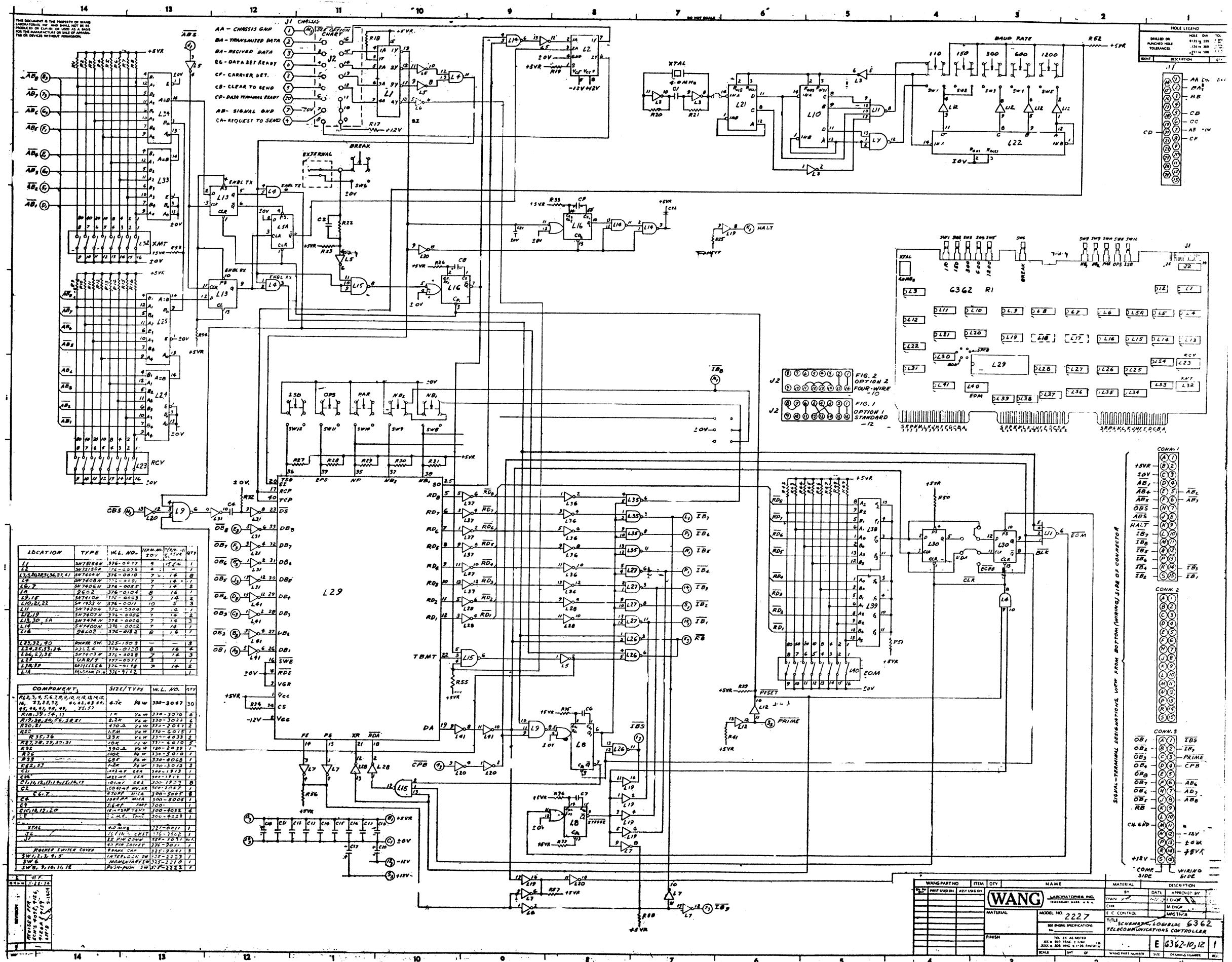
TOL. EX. AS NOTED		IDENT	QTY	NAME	MATERIAL	DESCRIPTION	
.XX ±.010	FRAC. ±1/64	 WANG LABORATORIES, INC. TEWKSBURY, MASS. U. S. A.			DR	DATE 6-11-73	
.XXX ±.005	ANG. ±0°30'				CHK	DATE 2-26-75	
FINISH: ✓					APPD	DATE 7-25-73	
MATERIAL		MODEL No. 2215		W.O. No.	SCALE	SHEET	OF
		TITLE SCHEMATIC LOGIBLOC 2200 KEYBOARD #6348					
FINISH		210 - 6348		4	C	6348	
		Sheet 4 of		PART NUMBER		REV	SIZE

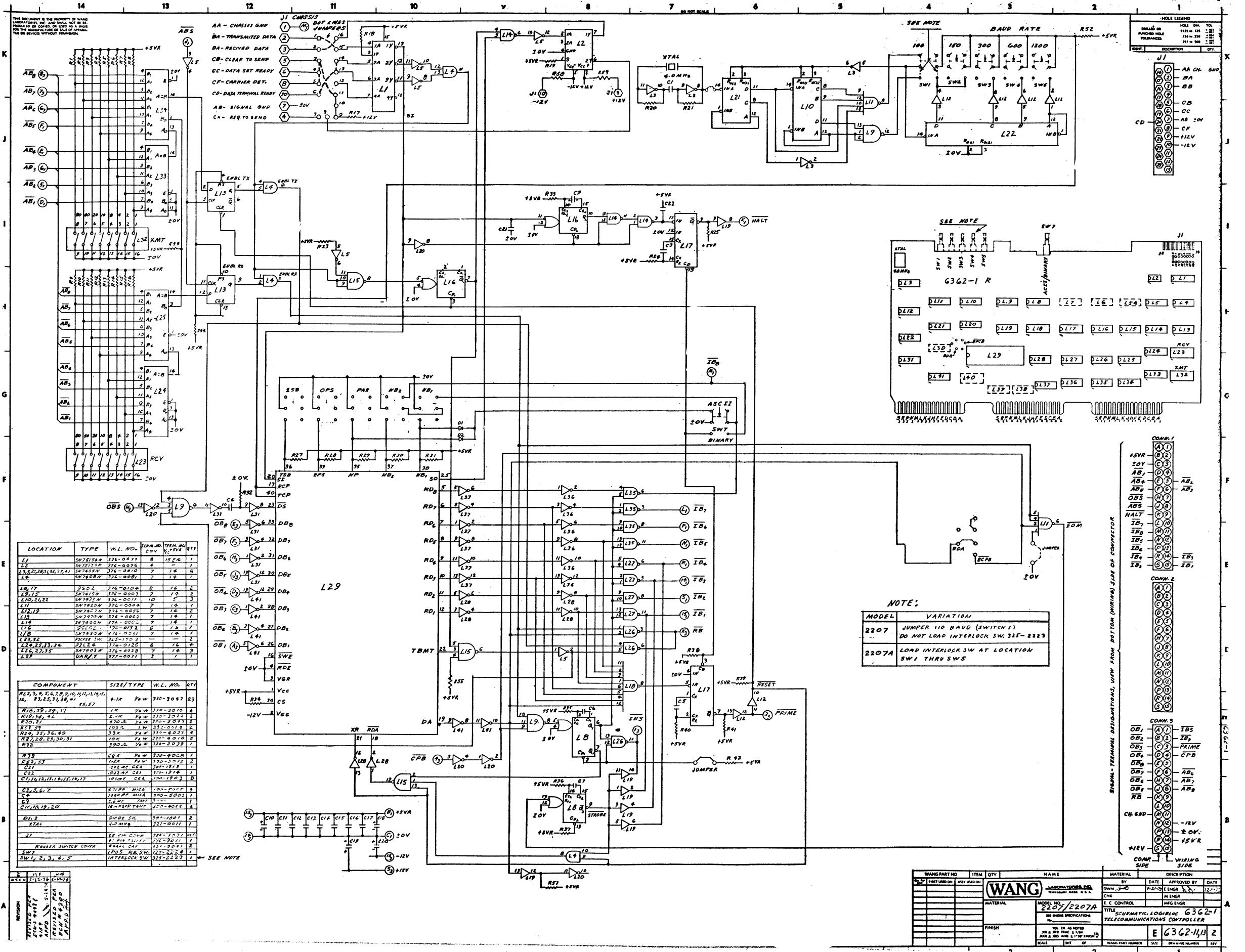


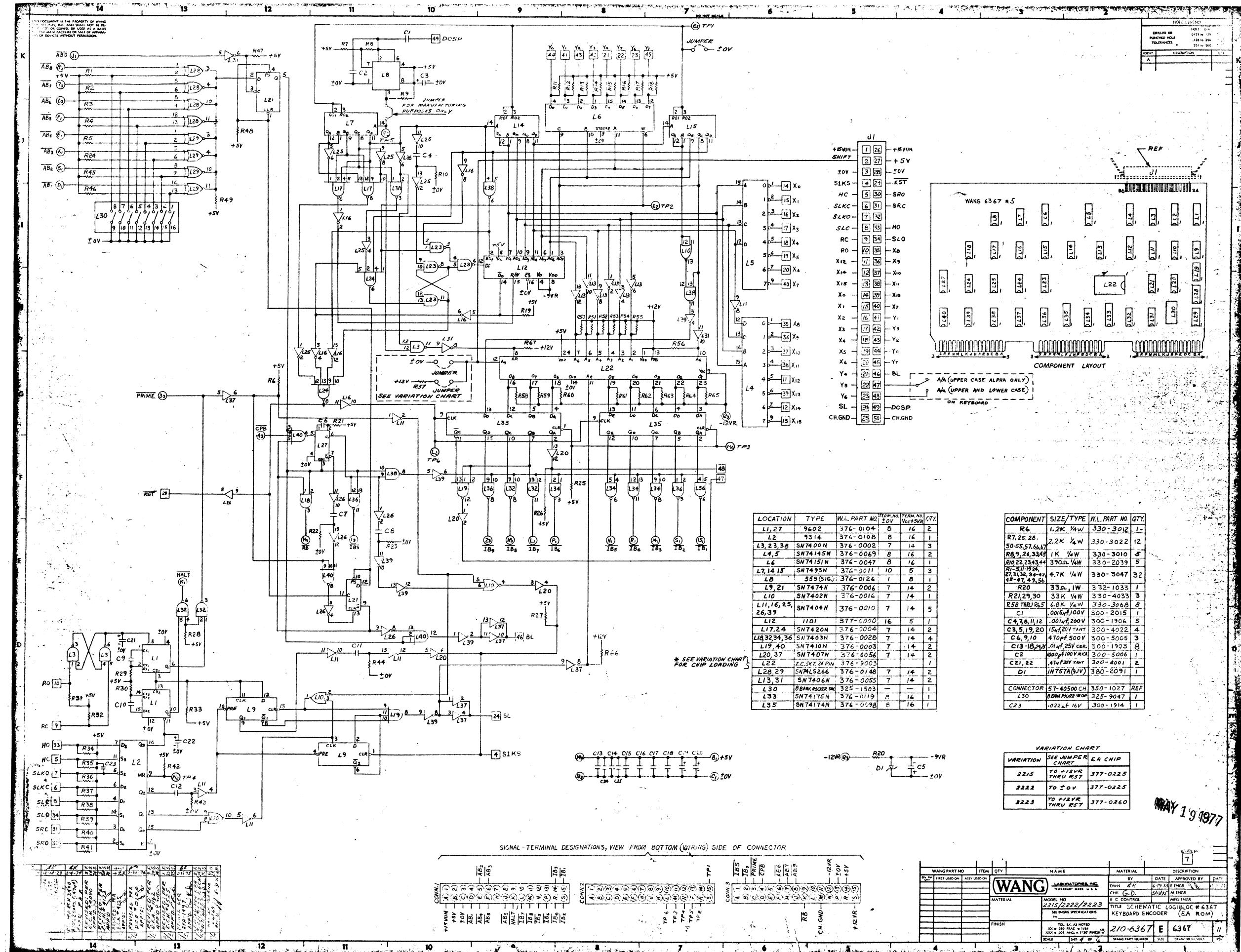




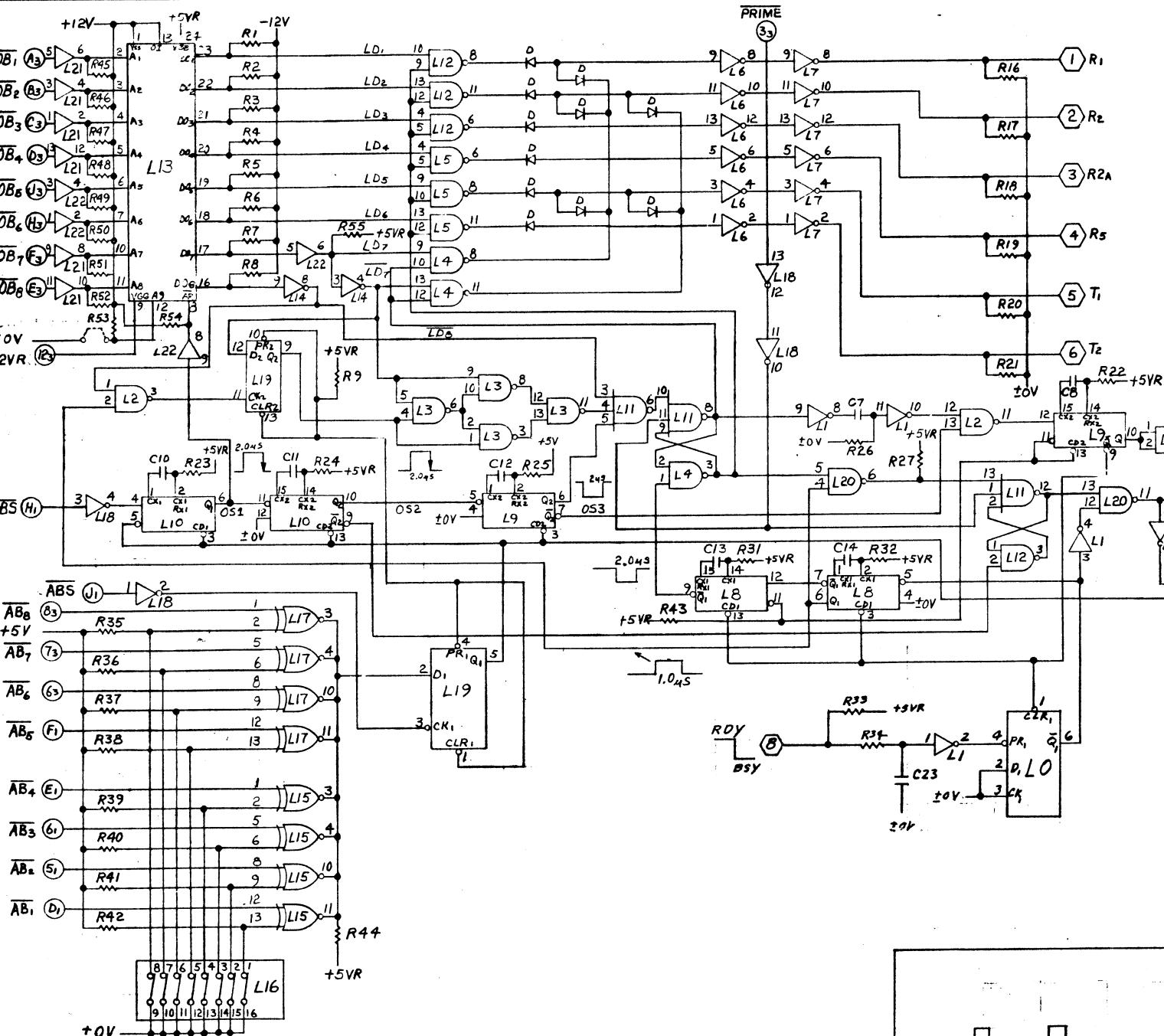






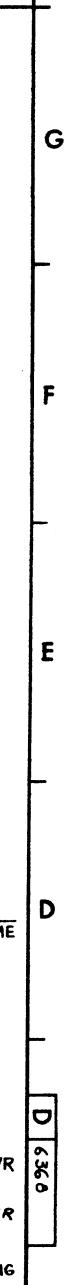
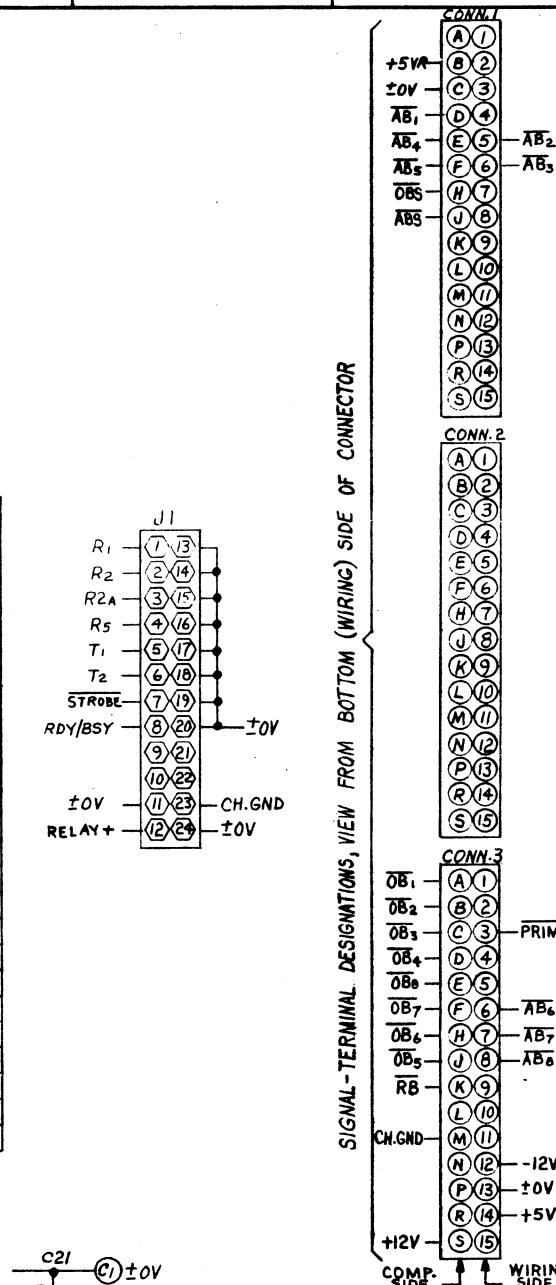


11 10 9 8 7 6 5 4 3 2 1 DO NOT SCALE



LOCATION	TYPE	W.L.PART NO.	TERM. NO.	Vcc±5V	TERM. NO.	±0V	QTY.
L2,3,4,5,12	SN7400N	376-0002	14	7	5		
L7	SN7406N	376-0055	14	7	1		
L8,9,10	9602	376-0104	16	8	3		
L6	9935	376-0025	14	7	1		
L19, L0	SN7474N	376-0006	14	7	1		
L11	SN7410N	376-0003	14	7	1		
L20	SN7403N	376-0028	14	7	1		
L21,22	SN7407N	376-0056	14	7	2		
L1,14,18	SN7404N	376-0010	14	7	3		
L15,17	SN74LS266	376-0148	14	7	2		
L13	EA.4274	377-0141			1		

COMPONENT	SIZE/TYPE	W.L.PART NO.	QTY.
L16	2 BANK ROCKER SW.	325-1503	1
R16-21,29,34	220Ω 1/4W	330-2022	8
R22	68K 1/4W	330-4068	1
R27,30,35-42,44	4.7K 1/4W	330-3047	11
R1-8	6.8K 1/4W	330-3068	8
R26	390Ω 1/4W	330-2039	1
R45-55	2.2K 1/4W	330-3022	11
R9,43,33	1K 1/4W	330-3010	3
R32	15K 1/4W	330-4015	1
R23-25,31	12K 1/4W	330-4012	4
C19-22	154Ω,20V TANT	300-4022	4
C7	470pf	300-1470	1
C16-18	.014Ω,25V	300-1903	3
B BANK(L16)	ROCKER SW CAP	325-9047	1
C8,23	1000pF,100V,5% MICA	300-5006	2
D	SIL. DIODE	380-1001	11
CONNECTOR	57-40240	350-1025	1
I.C.SOCKET	24 PIN	376-9003	1
C10-13	470pF,500V,5% MICA	300-5005	4
C14	220pF MICA	300-5004	1

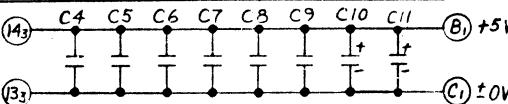


11 10 9 8 7 6 DO NOT SCALE 5 4 3 2 1

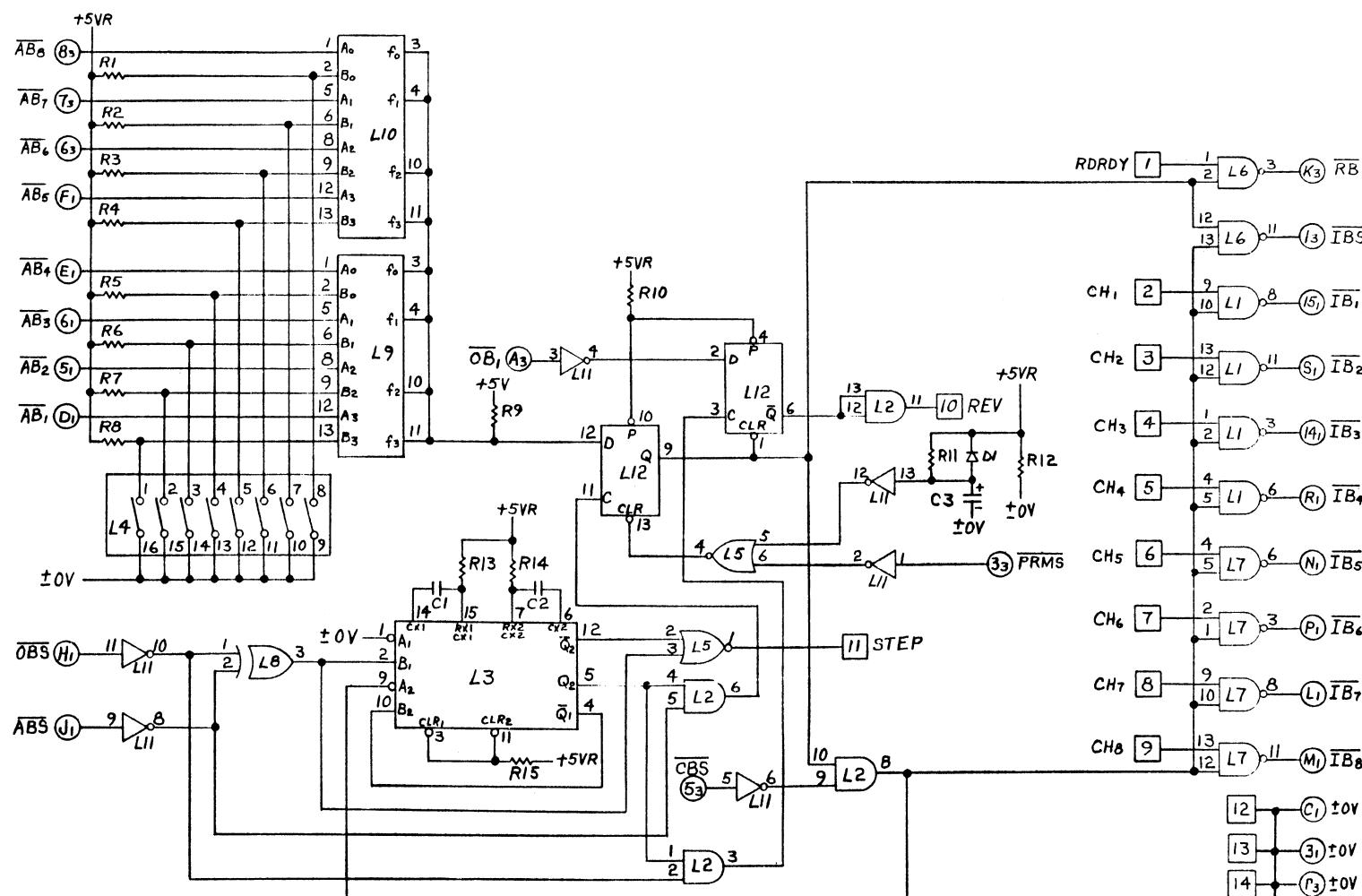
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G

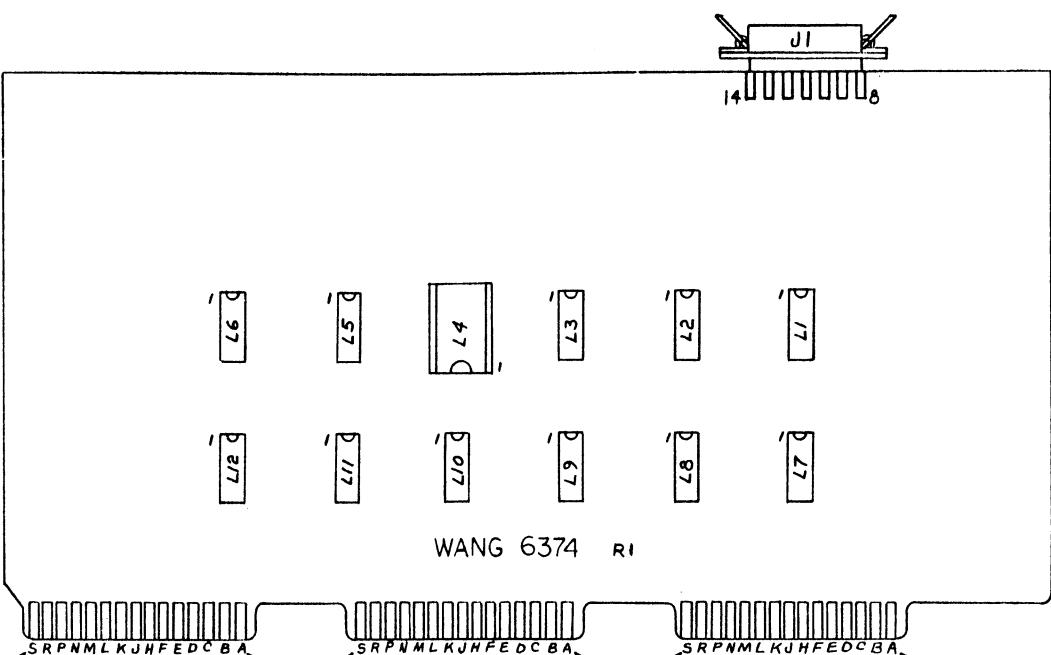
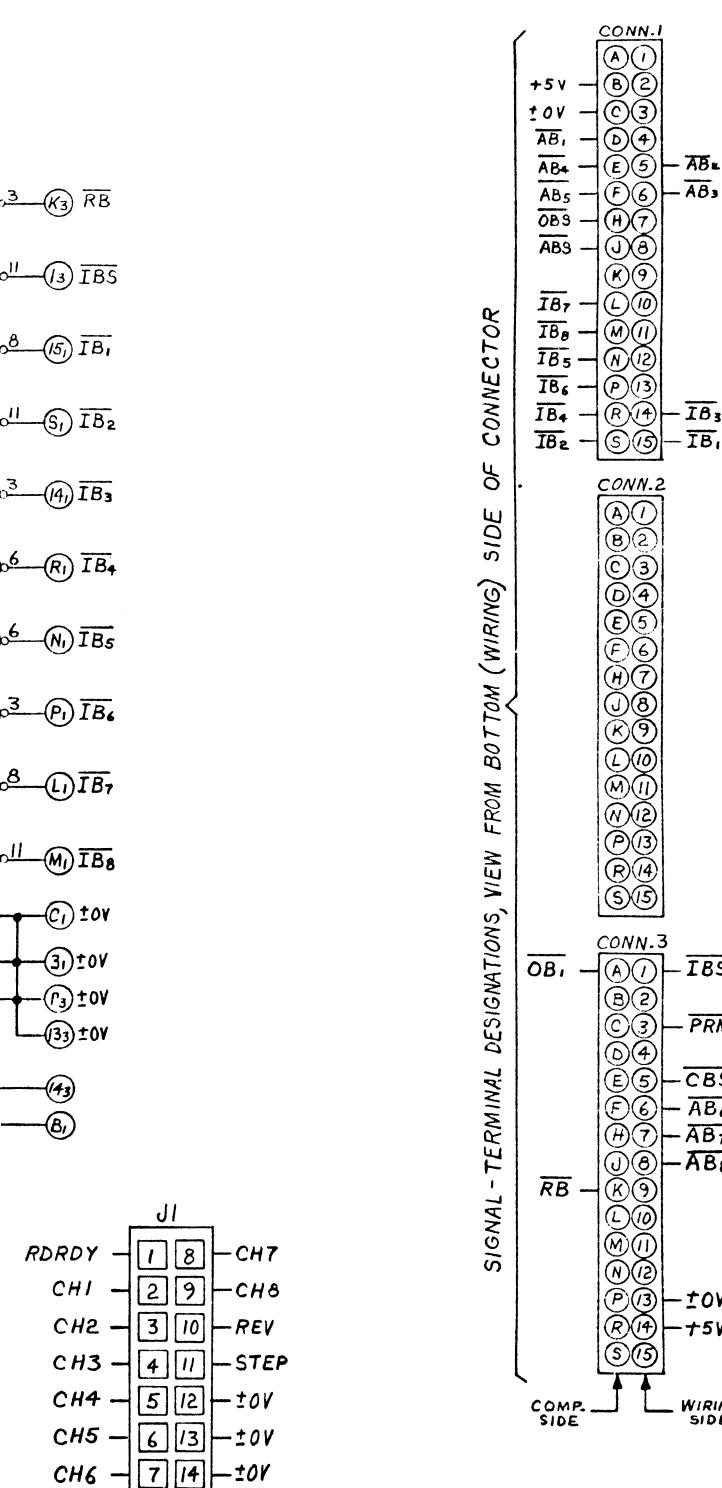
COMPONENT	SIZE/TYPE	WL.PART NO.	QTY.
R1-8,10,11,15	4.7K 1/4W	330-3047	11
R9	1.5K 1/4W	330-3015	1
R12	180Ω 1/4W	330-2018	1
R13,14	10K 1/4W	330-4010	2
C1,2	220pf CER.	300-1220	2
C3	8.24μF 20V TANT.	300-4028	1
C4 - 9	.05μF 20V TANT.	300-1900	6
C10,11	15μF, 20V, TANT.	300-4022	2
ROCKER SW COVER	ROCKER SW CAP	325-9047	1
D1	SIL. DIODE	380-1001	1
J1	CONN.14 PIN CH	350-1024	1



LOCATION	TYPE	WL.PART NO.	TERM NO. I/OV	TERM. NO. Vcc+5V	QTY.
L1,6,7	SN7403N	376-0028	7	14	3
L2	SN7408N	376-0081	7	14	1
L3	SN74123N	376-0080	8	16	1
L4	8 BANK ROCKERS	325-1503			1
L5	SN7402N	376-0016	7	14	1
L8	SN7486N	376-0036	7	14	1
L9,10	SN745L266	376-0148	7	14	2
L11	SN7414N	376-0139	7	14	1
L12	SN7474N	376-0006	7	14	1

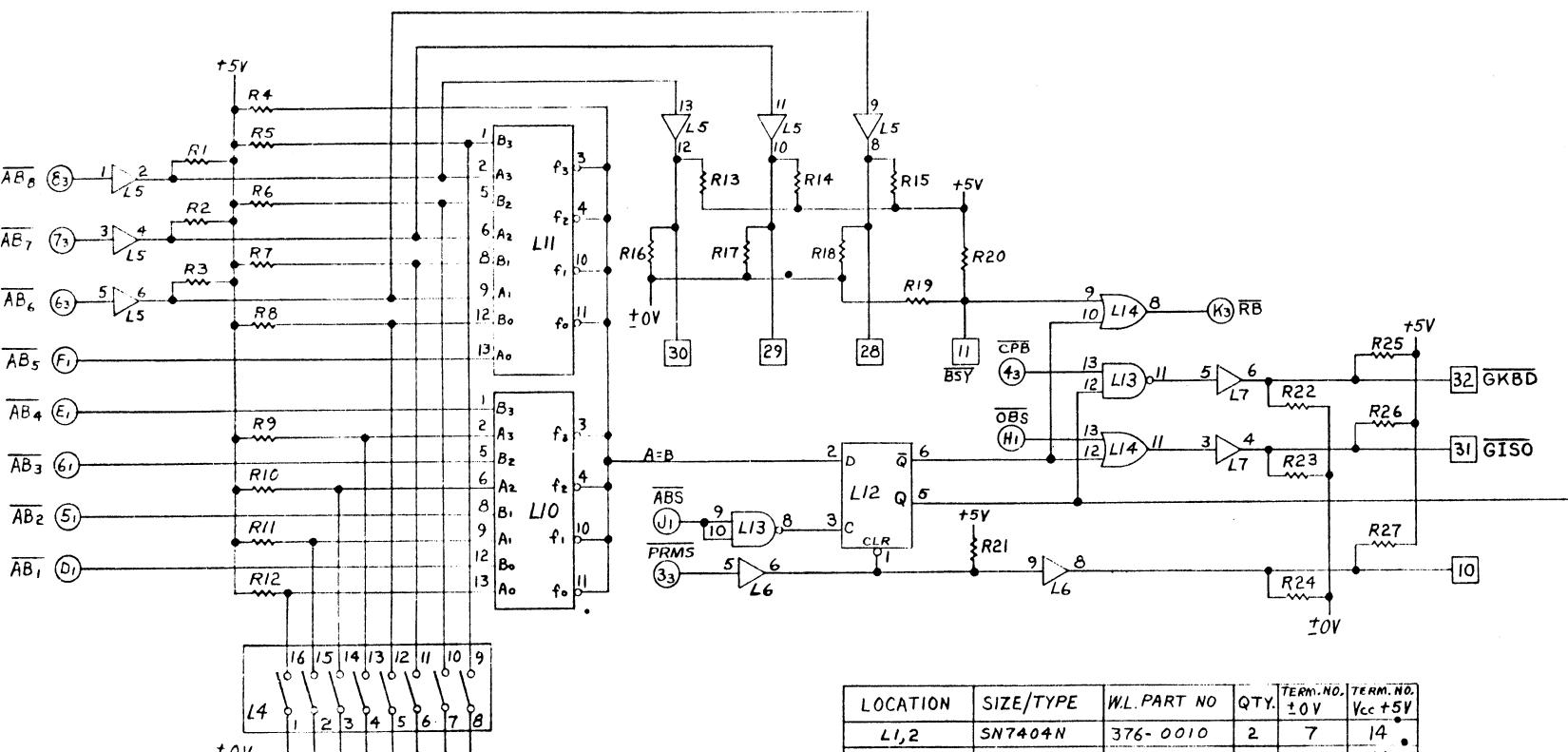


SIGNAL - TERMINAL DESIGNATIONS, VIEW FROM BOTTOM (WIRING) SIDE OF CONNECTOR

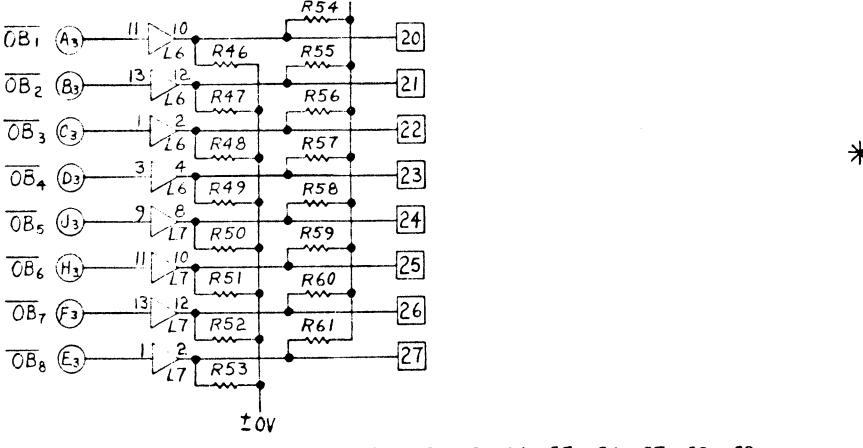


11 10 9 8 7 6 DO NOT SCALE 5 4 3 2 1

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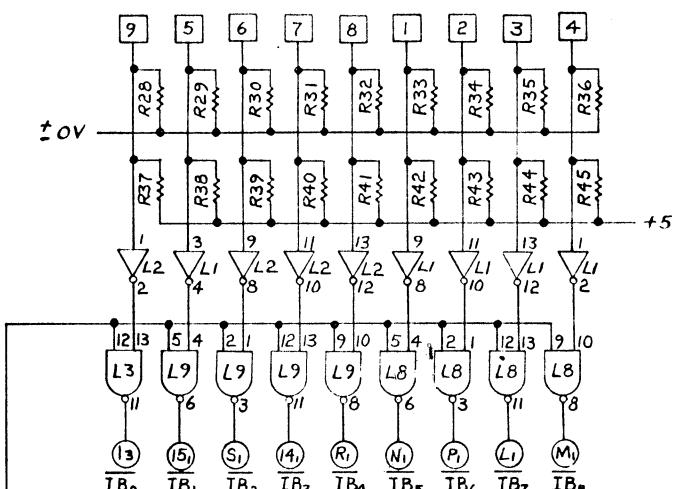
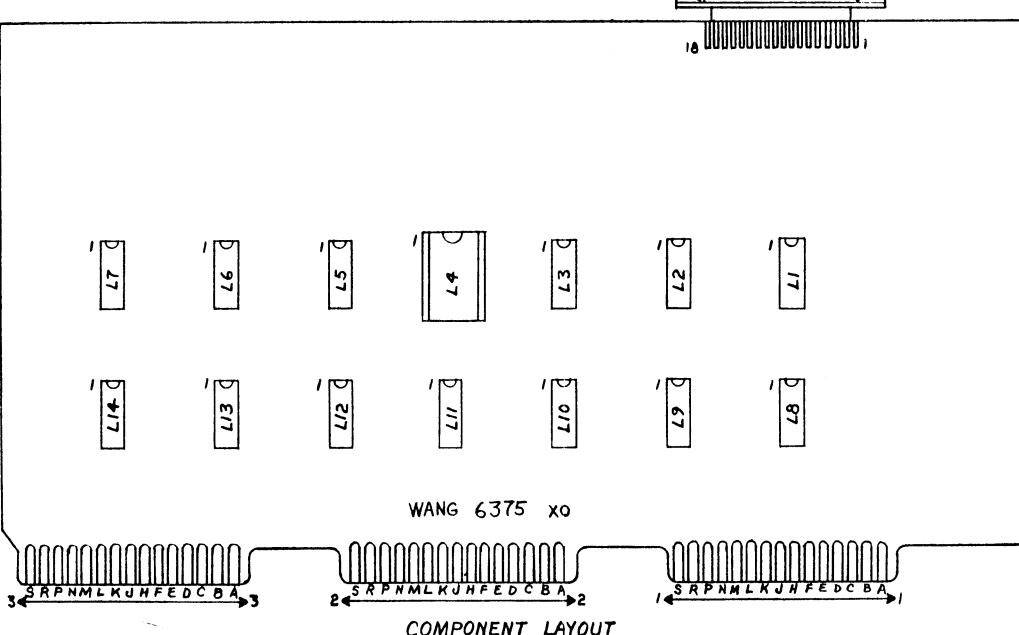


LOCATION	SIZE/TYPE	W.L. PART NO	QTY.	TERM. NO.	TERM. NO.
				±0V	Vcc +5V
L1,2	SN7404N	376-0010	2	7	14
L3,8,9	SN7403N	376-0028	3	7	14
L4	8 BANK ROCKER SW.	325-1503	1		
L5,6,	SN7407N	376-0056	2	7	14
L10,11	SN74LS266	376-0148	2	7	14
L12	SN7474N	376-0006	1	7	14
L13	SN7400N	376-0002	1	7	14
L14	SN7432N	376-0093	1	7	14
L7	SN7407N	376-0056	1	7	14



NOTES:
1. 6375 FOR MODEL 2230 - FULL LOADED BOARD.
* 2. 6375-14 FOR MODEL 2214 - DO NOT LOAD L7.

REVISION	Z
REVIEWER	EKN
APPROV.	TJ
DATE	1-17-74



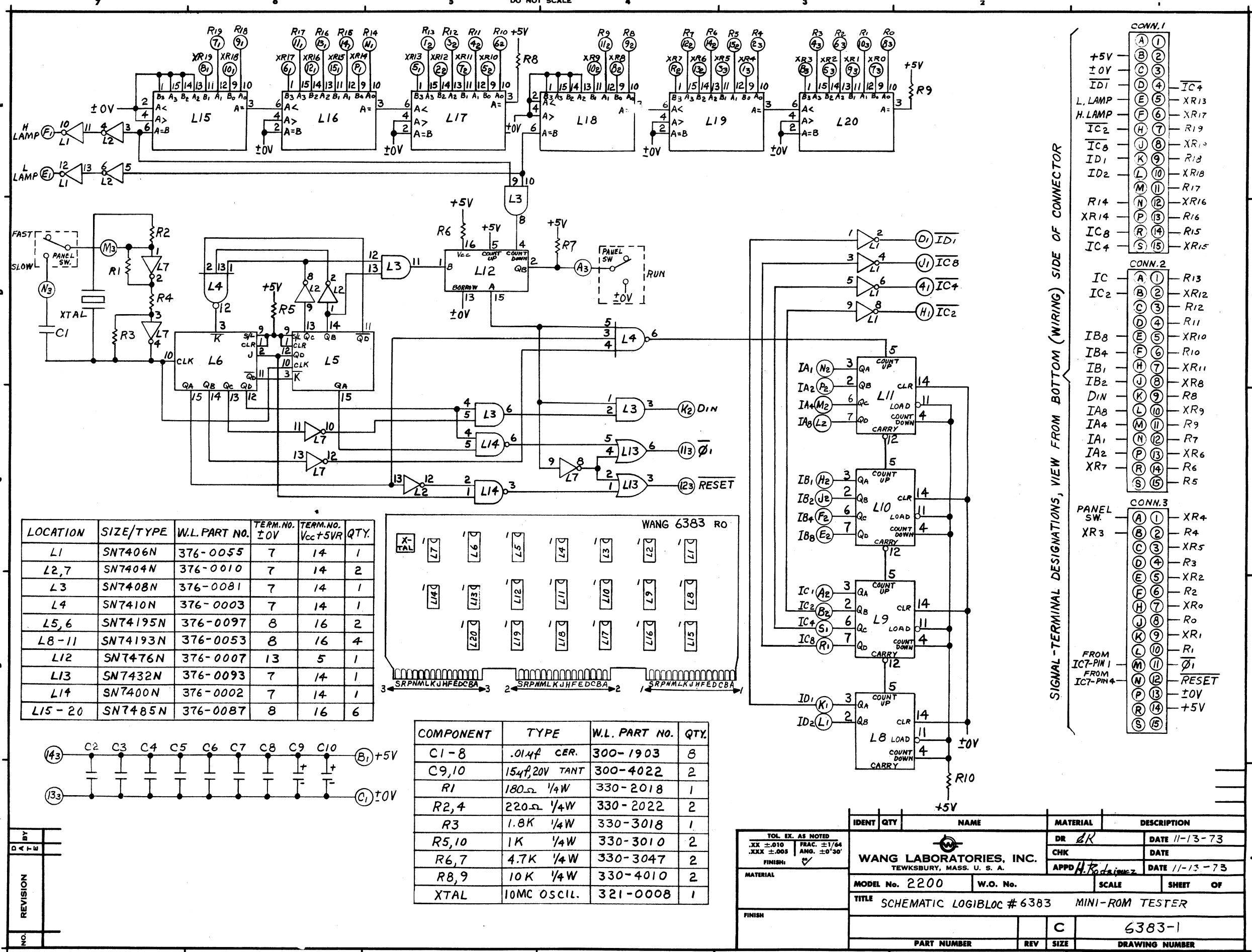
COMPONENT	TYPE	W.L. PART NO	QTY.
R1,2,3,21	180 Ω 1/4W	330-2018	4
R4-12	1K 1/4W	330-3010	9
R13-1525-27,54-61	2.2K 1/4W	330-3022	14
R16-18,22-24,46-53	3.3K 1/4W	330-3033	14
R19,28-36	330 Ω 1/4W	330-2033	10
R20,37-45	220 Ω 1/4W	330-2022	10
C1-7	.014 μ 25V, CER.	300-1903	7
C8,9	154 μ F, 20V, TANT	300-4022	2
L4	8 BANK ROCKERSWAP	325-9047	1
CONNECTOR	57-40360	350-1038	1

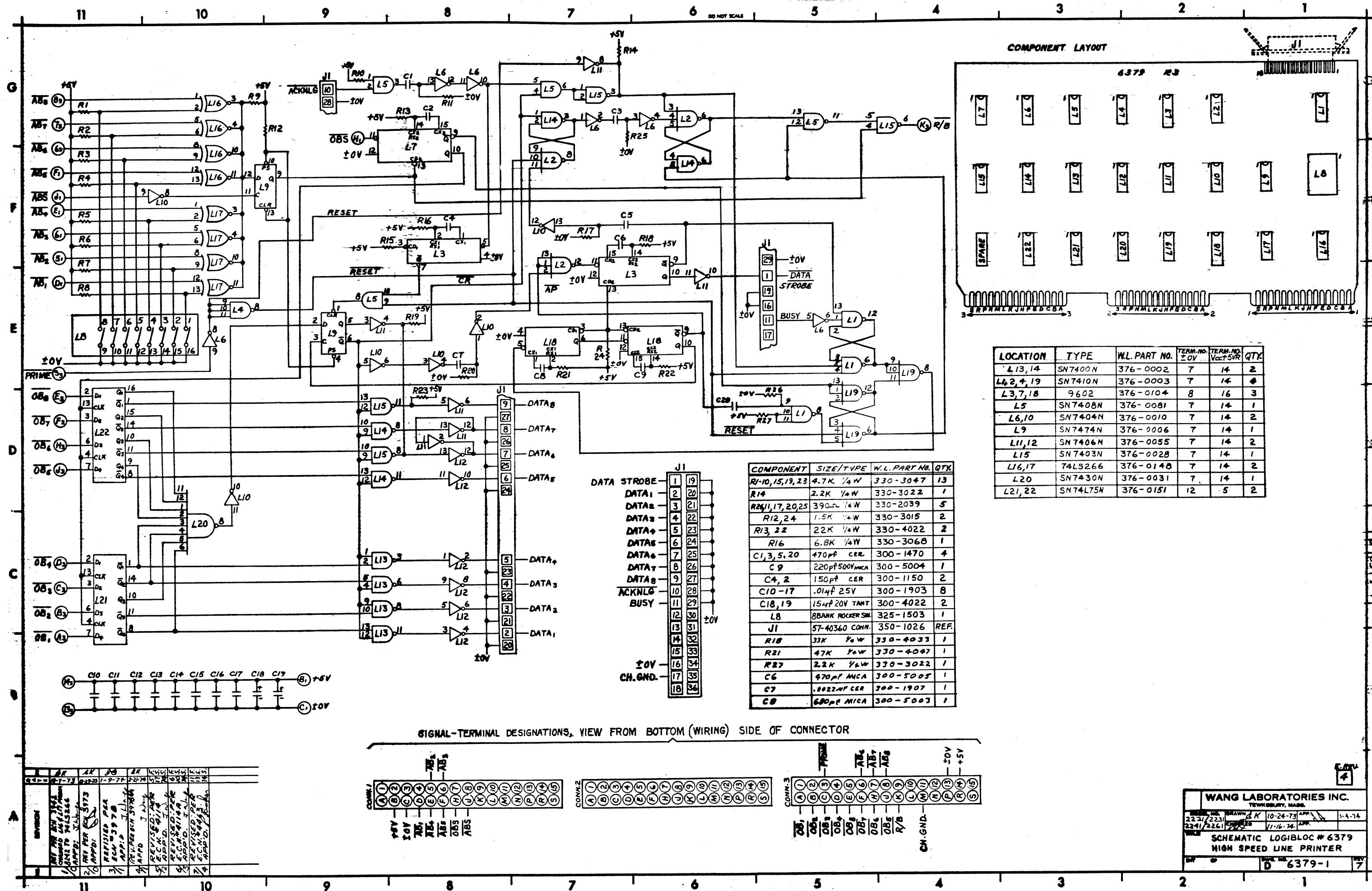
CONN.1
+5V
±0V
AB ₁
AB ₂
AB ₃
OB ₅
OB ₆
AB ₇
AB ₈
IB ₁
IB ₂
IB ₃
IB ₄
IB ₅
IB ₆
IB ₇
IB ₈

CONN.2
A ₁
B ₂
C ₃
D ₄
E ₅
F ₆
H ₇
K ₈
L ₉
M ₁₀
N ₁₁
P ₁₂
R ₁₃
S ₁₄
T ₁₅

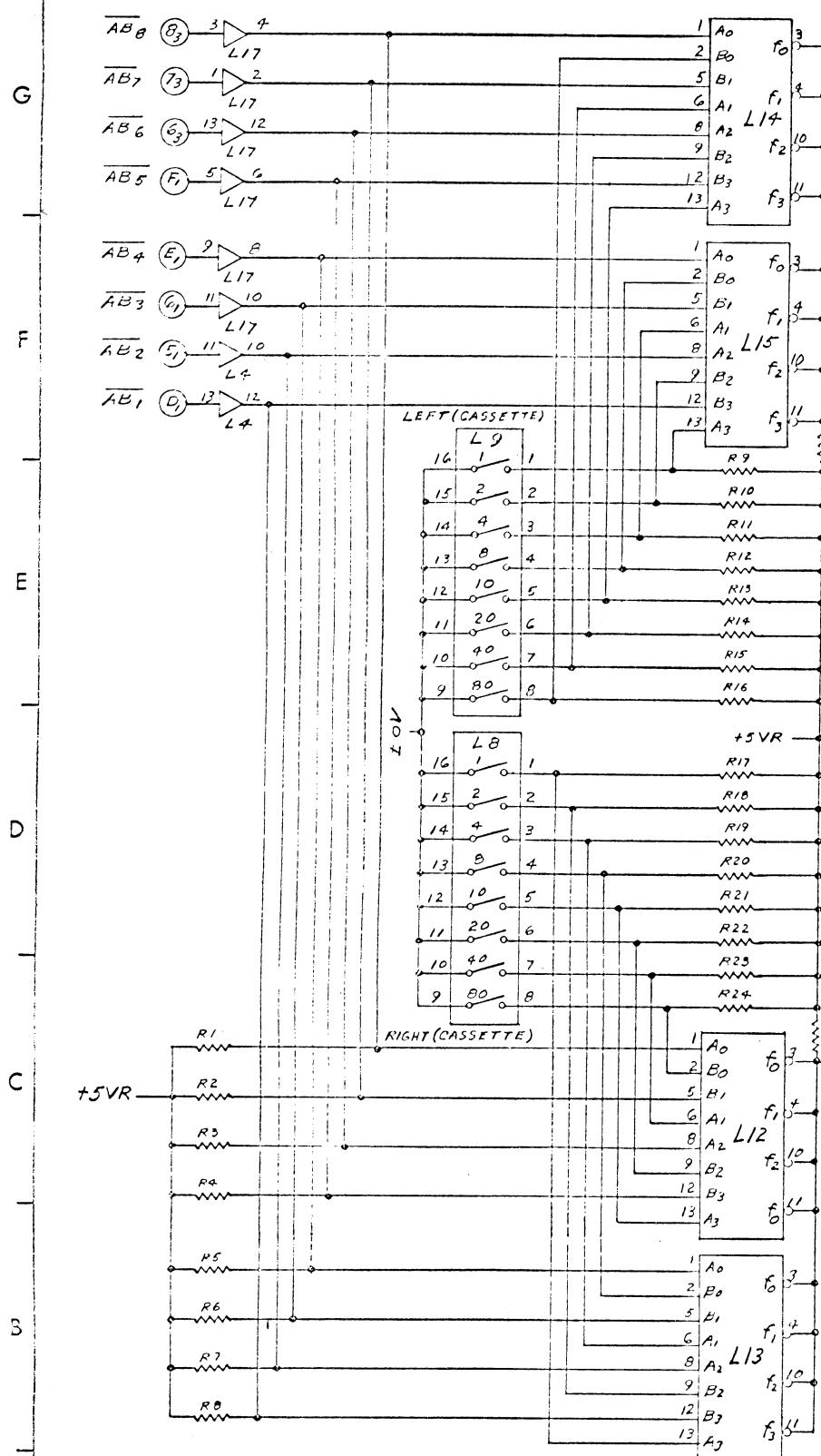
CONN.3
OB ₁
OB ₂
OB ₃
OB ₄
OB ₈
OB ₇
OB ₆
OB ₅
OB ₄
OB ₃
OB ₂
OB ₁
PRMS
CPB
AB ₆
AB ₇
AB ₈
RB
CHAS. GND.
±0V
±0V
+5V

WANG LABORATORIES INC. TEWKSBURY, MASS.	
MODEL NO.	DRAWN 2K 9-17-73 APP.
2230	CHECKED 11-15-73 APP. 72P 11-15-73
TITLE SCHEMATIC LOGIBLOC #6375/6375-14 DISK CONTROL	
SET OF	Dwg. No. D 6375-1 Rev. 1



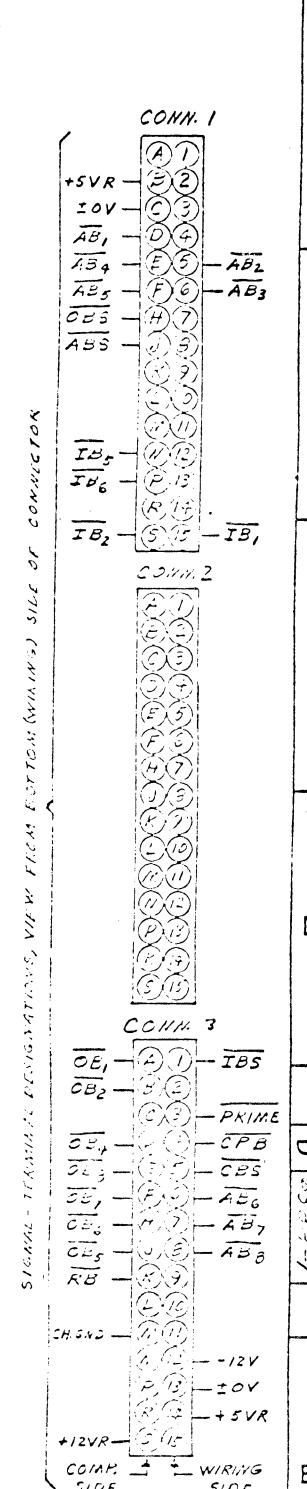
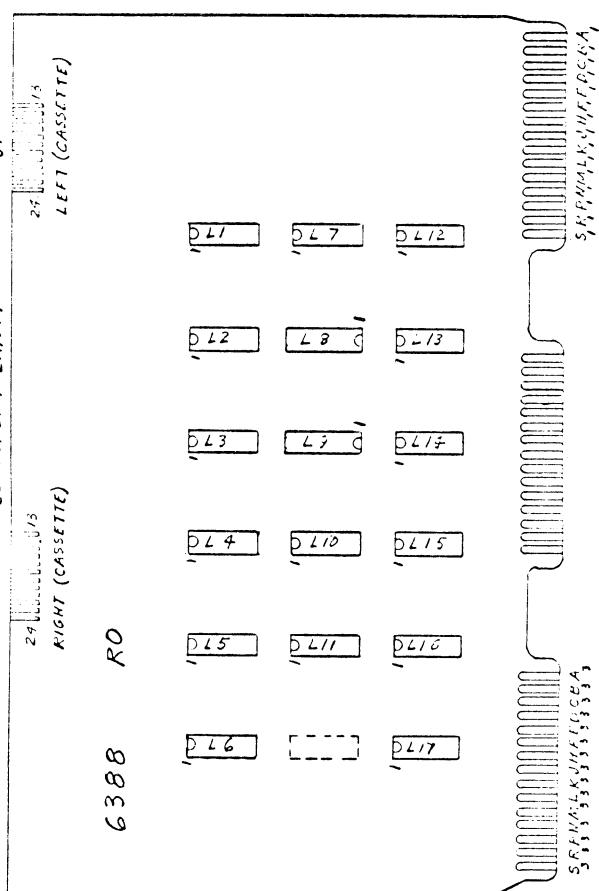
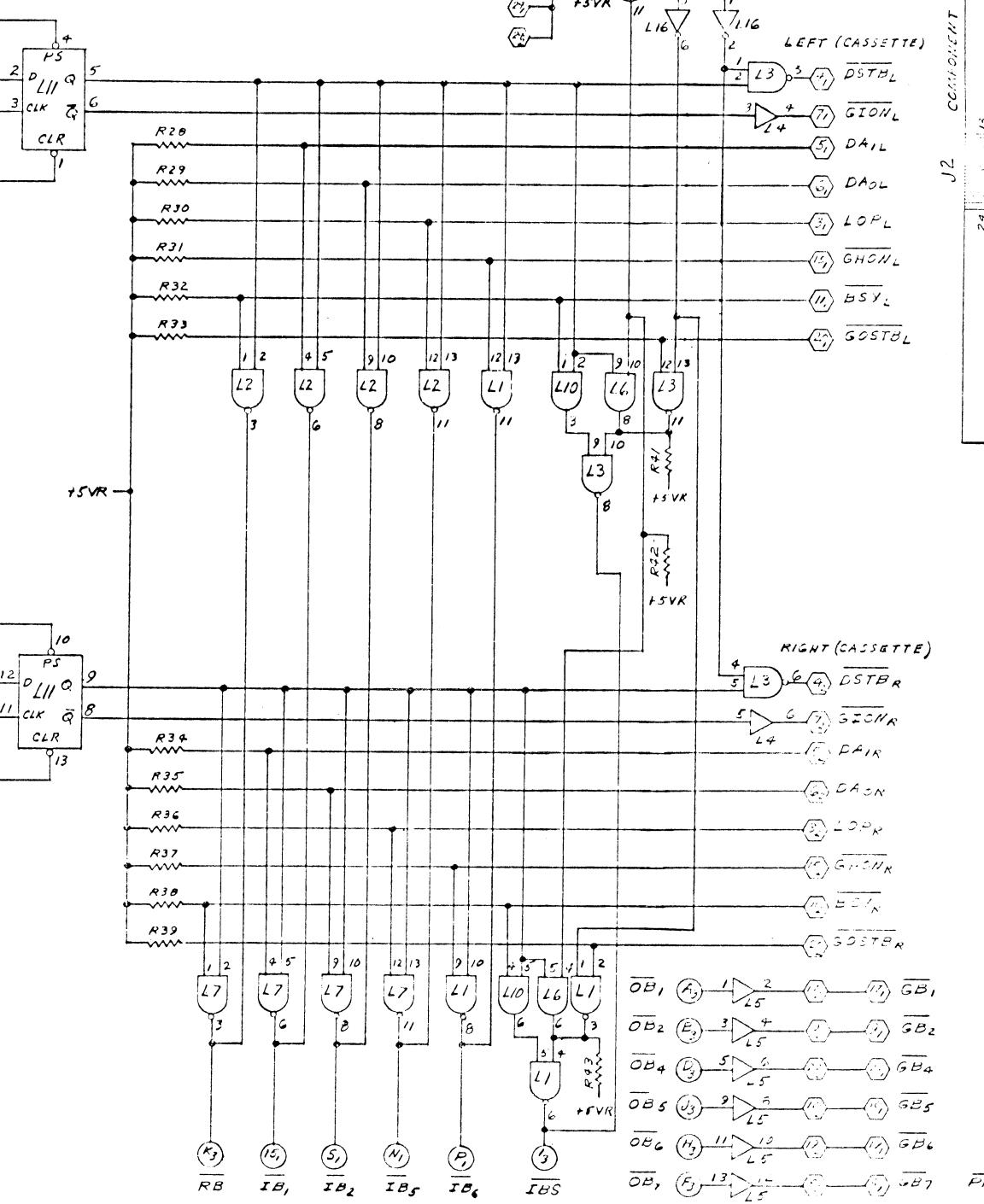


11 10 9 8 7 6 DO NOT SCALE 5 4 3 2 1



LOCATION	TYPE	W.L. No.	TERM.NG	TERM.NO	V _{CC} +SVR	QTY
L1,2,3,7	SN7403N	376-0028	7	14	4	
L4,5,17	SN7407N	376-0056	7	14	3	
L5,9	ROCKER SW.	325-1503	—	—	2	
L10	SN7408N	376-0081	7	14	1	
L11	SN7414N	376-0006	7	14	1	
L12,L13,L15	5L42	376-0040	7	14	4	
L16	SN7404N	376-0010	7	14	1	
L26	SN7409N	376-0085	7	14	1	

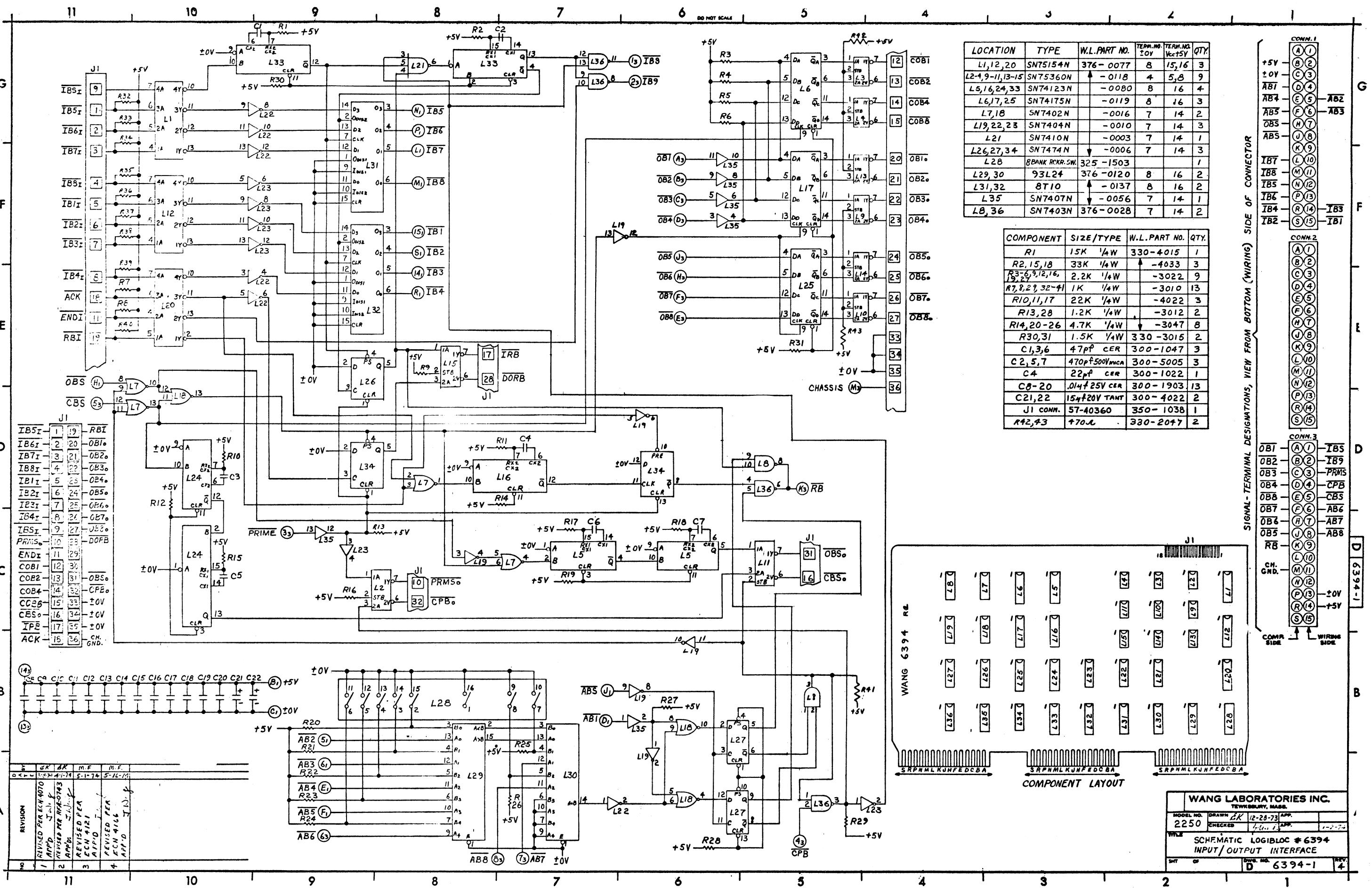
* OR SN745L26 WL376-0148 DEPENDING
ON AVAILABLE SUPPLY



WANG LABORATORIES INC.
NEWBURY, MASS.
MODEL 3000 REV. D APP'D. 1/14/71
22/3 CHECKED APP'D.
THIS SCHEMATIC LOGIC LOGIC 6388
DUAL CASSETTE CONTROL

REVISION Z
REVISED 1/14/71
APPROVED 1/14/71
APPROVED 1/14/71

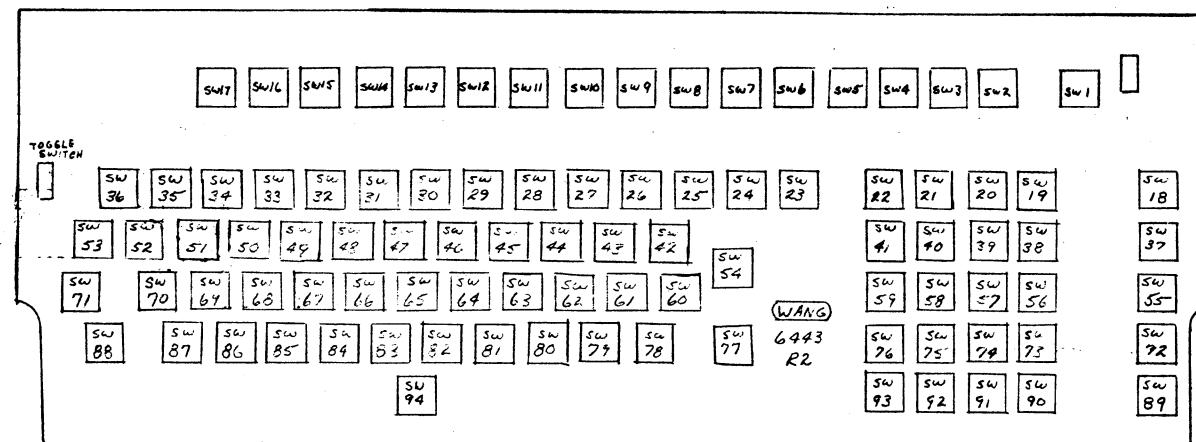
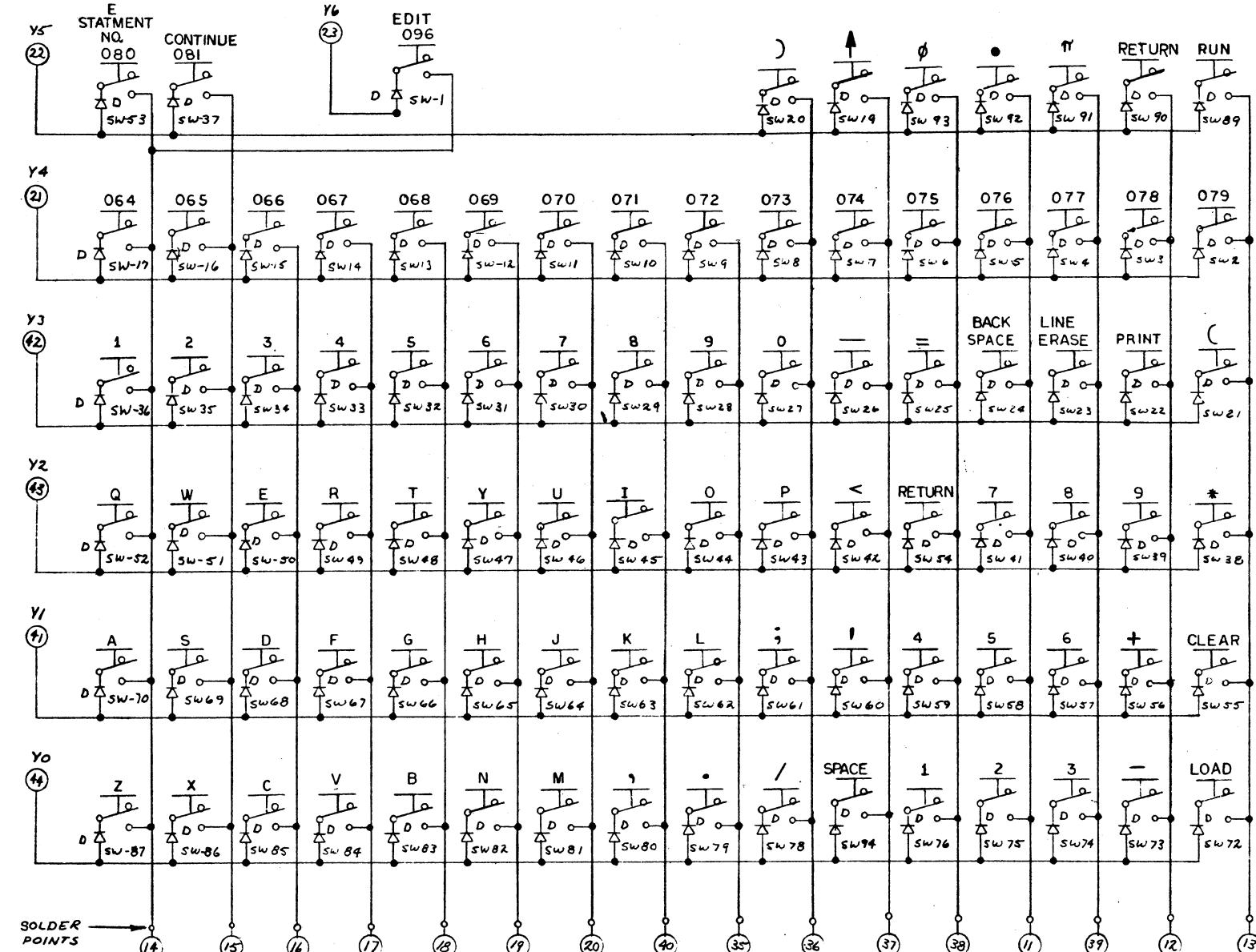
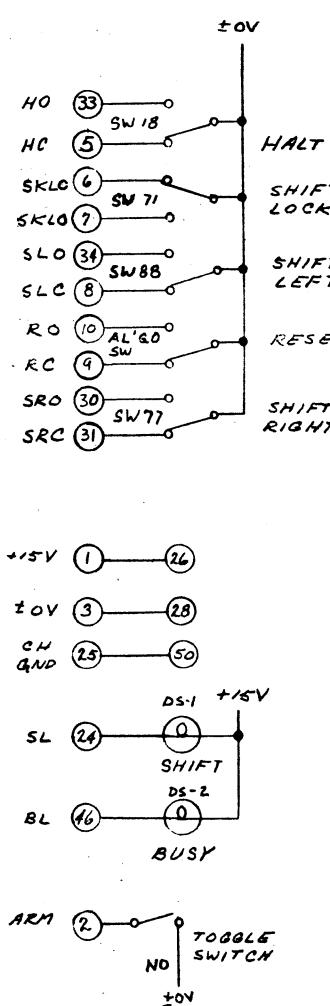
11 10 9 8 7 6 5 4 3 2 1



11 10 9 8 7 6 5 4 3 2 1

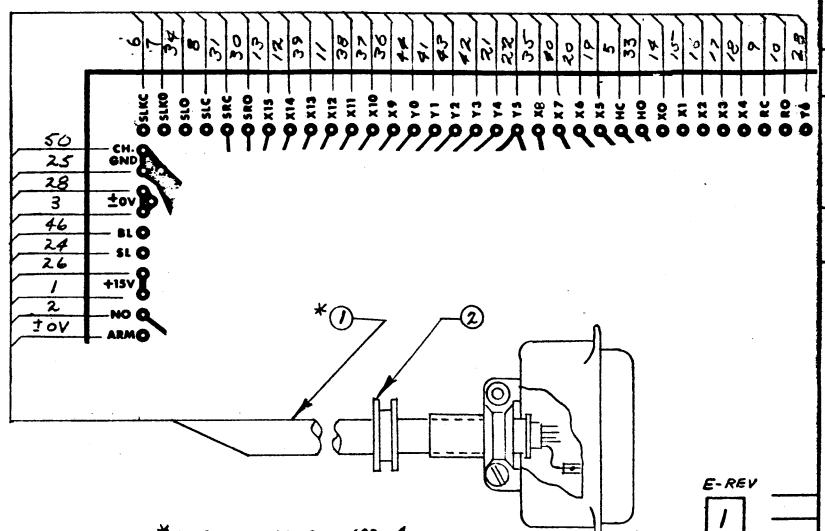
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DO NOT SCALE



REVISION	W.R.J	E.P.A	E.P.A	G.K	A.K
1	WANG P/R&C REV 5/24/71	REV P/R&C 11-17-71	REV P/R&C 11-27-71	REV P/R&C 12-23-71	REV P/R&C 12-23-71
2	REV P/R&C	REV P/R&C	REV P/R&C	REV P/R&C	REV P/R&C
3	REVISED P/R	REVISED P/R	REVISED P/R	REVISED P/R	REVISED P/R
4	APP'D	APP'D	APP'D	APP'D	APP'D

WANG PART NO.	ITEM	QTY.	NAME	MATERIAL		DESCRIPTION	
				BY	DATE	APPROVED BY	DATE
WANG	LABORATORIES, INC. TEWKSBURY, MASS. U.S.A.			DWN	1-1-74	E ENGR	
	CHK				10-31-74	M ENGR	
	E.C. CONTROL					MFG ENGR	
	SEE ENGRG SPECIFICATIONS No.						
	FIRST USED ON						
	ASSY USED ON						
	MODEL NO.						
	2223						
	SEE ENGRG SPECIFICATIONS No.						
	TOL. EX. AS NOTED						
	XX ± .010 FRAC ± 1/64						
	XXX ± .005 ANG. ± 1°30' FINISH						
	SCALE						
	X						
	SHT #						
	OF						
	7						
	WANG PART NUMBER						
	210-6443						
	D						
	6443						
	R						



E-REV
1

HOLE LEGEND		
DRILLED OR PUNCHED HOLE TOLERANCES		
HOLE DIA.	TOL.	
.0135 to .125	.003	
.126 to .250	.004	
.251 to .500	.005	
IDENT.	DESCRIPTION	QTY.
A		

ITEM	UL PT NO.
D	380-1001
SW1-17	325-2413
SW18,77,78,80,93	325-2407
SRC	31
SLKC	6
SLKO	7
SLC	8
RC	9
RO	10
X8	35
X9	36
X10	37
X11	38
X12	39
X13	39
X14	40
X15	41
X16	42
X17	43
X18	44
BL	46
ARM	47
NO	48
SL	49
CH GND	50

11

10

9

8

7

6

5

4

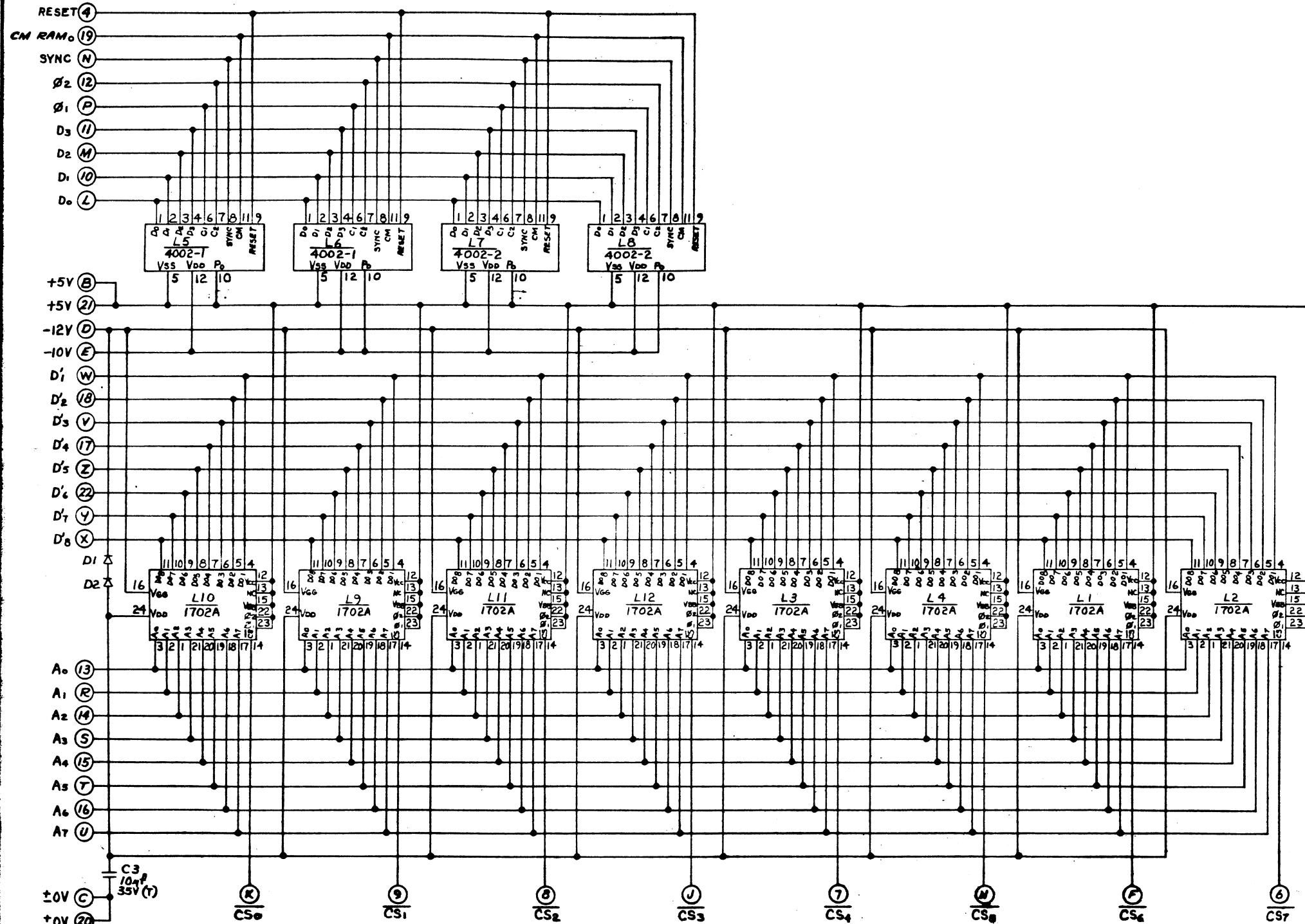
3

2

1

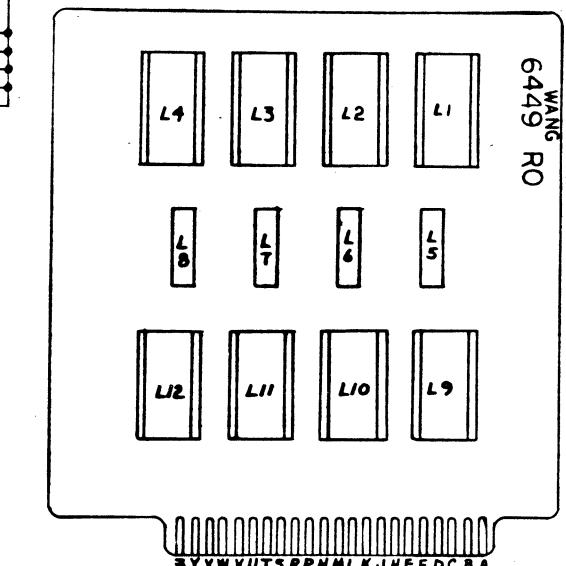
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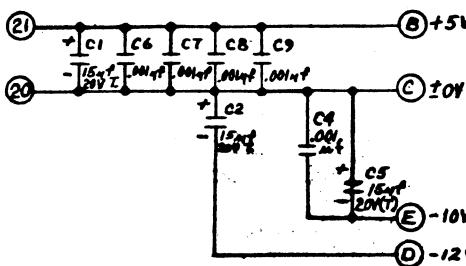
LOCATION	W.L. PART NO.	TERM NO.	TERM NO.
L1-4, 9-12	377-0009	12	
L5, 6	377-0205		
L7, 8	377-0264		

COMPONENT	W.L. PART NO.
C1, 2, 5	300-4022
C4, 6-9	300-1906
C3	300-4032
D1, 2	380-4000



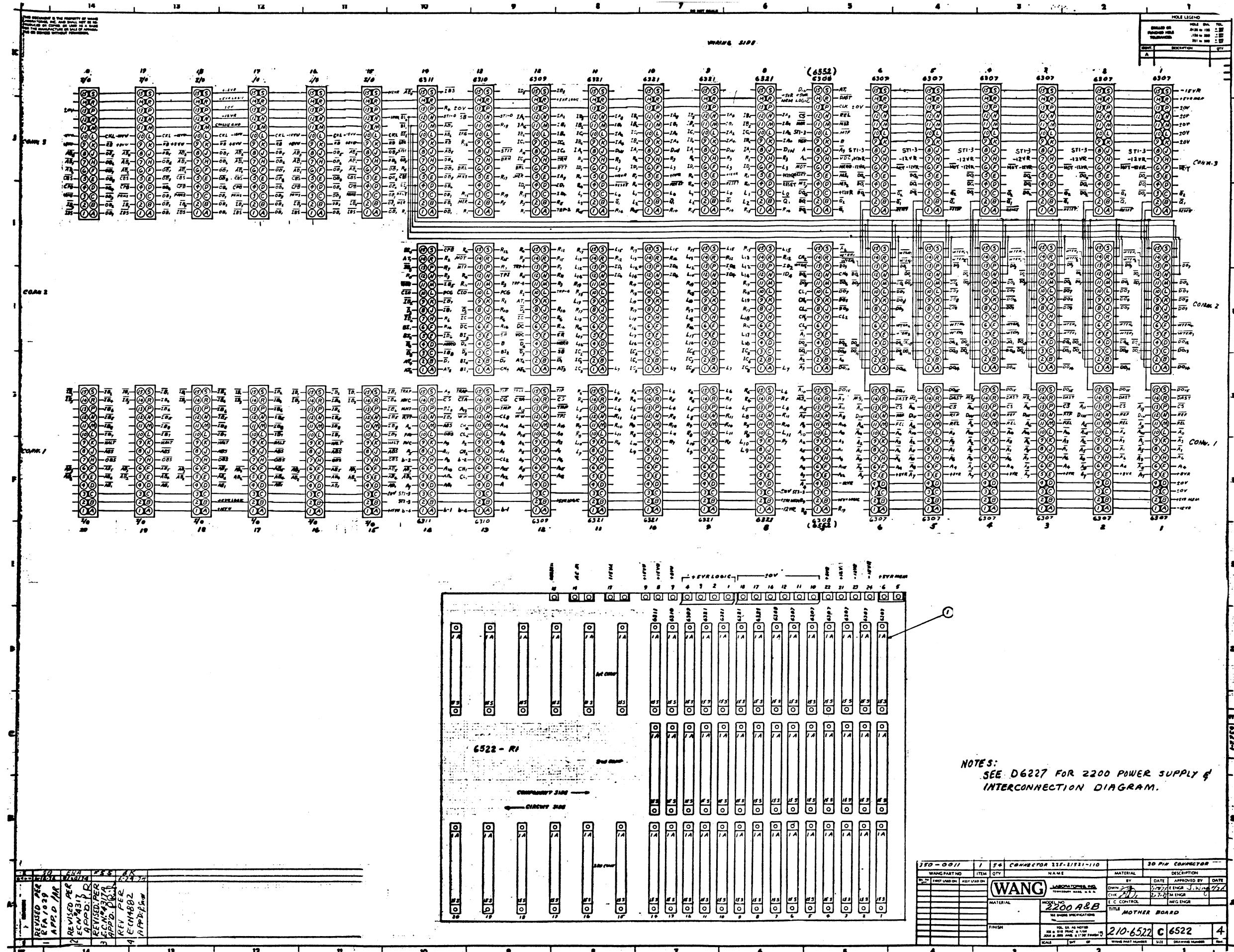
SIGNAL-TERM DESIGNATIONS, VIEW FROM BOTTOM (WIRING) SIDE OF COMM.
BY X W V U T S R P N M L K J H F E C D B A
L4 L3 L2 L1
L8 L7 L6 L5
L12 L11 L10 L9

COMP. SIDE WIRING SIDE

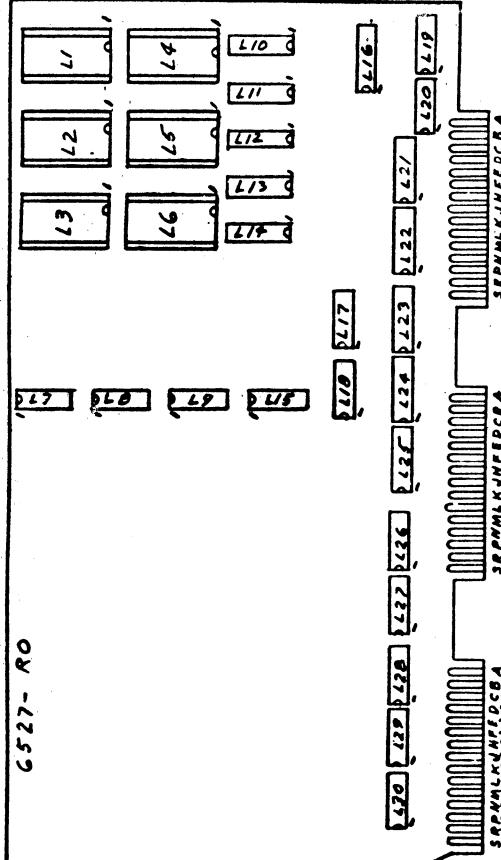


ITEM	QTY	NAME	MATERIAL	DESCRIPTION
WANG PART NO.				
QTY Per Line	FIRST USED ON	ASSY USED ON		
			WANG	
			LABORATORIES, INC. TEWKSBURY, MASS. U. S. A.	
			MODEL NO. 22344/22444	
			E C CONTROL MFG ENGR	
			TITLE SCHEMATIC LOGIBLOC# 6449 MEMORY BOARD	
			TOL. EX. AS NOTED JOX ± .010 INCH ± 1/64 JOX ± .005 INCH ± 1/32 FINISH 1/16	
			SCALE 1/4 SHT 4 OF 5	
			WANG PART NUMBER 210-6449 SIZE D 6449 DRAWING NUMBER 0 REV. B	

REV.	6	4	2
APPROVED	1-6-73		
CHANGED APPROVED			
CHANGED APPROVED			
APPROVED	RFA-1929		
APPROVED			



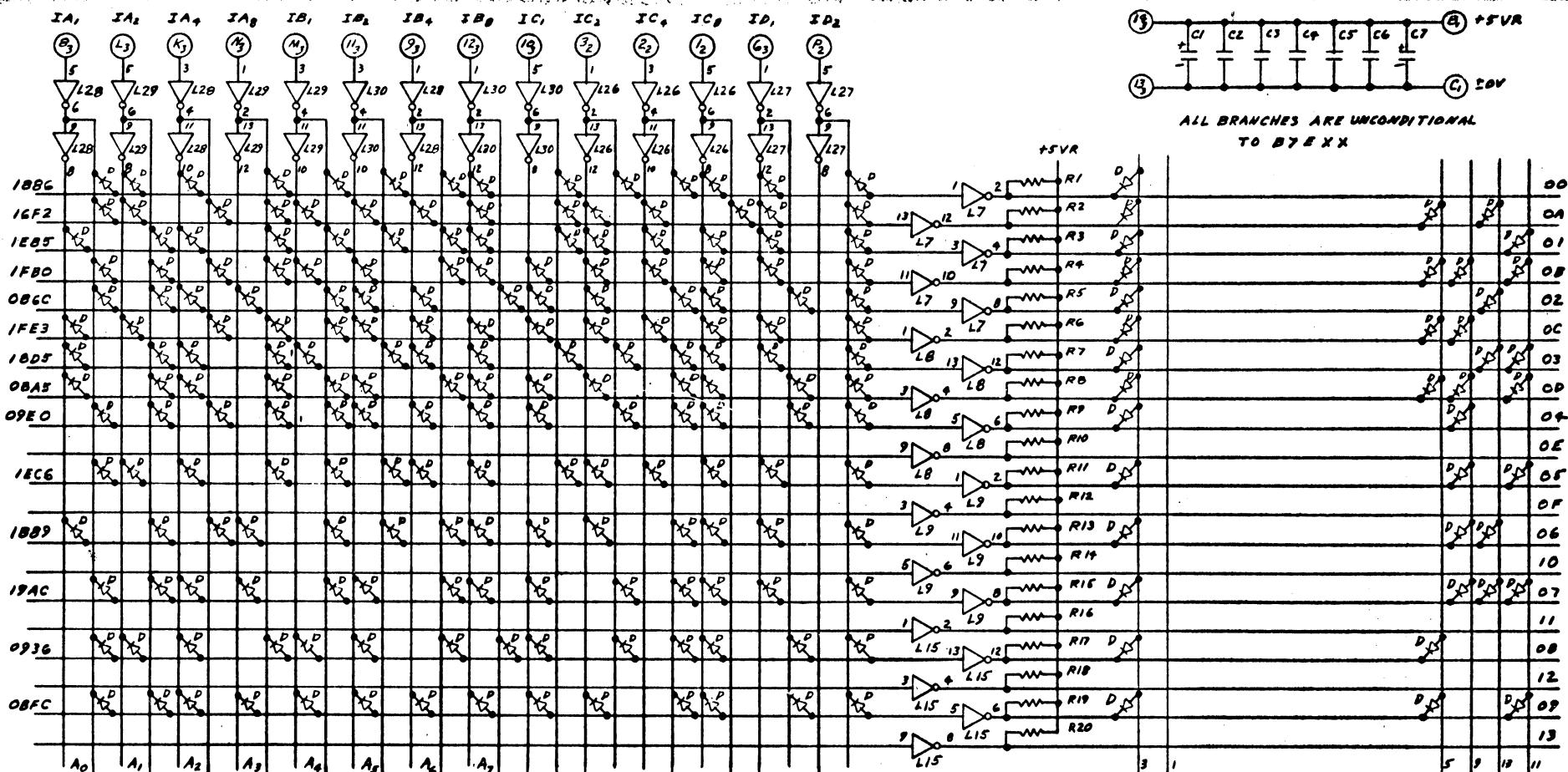
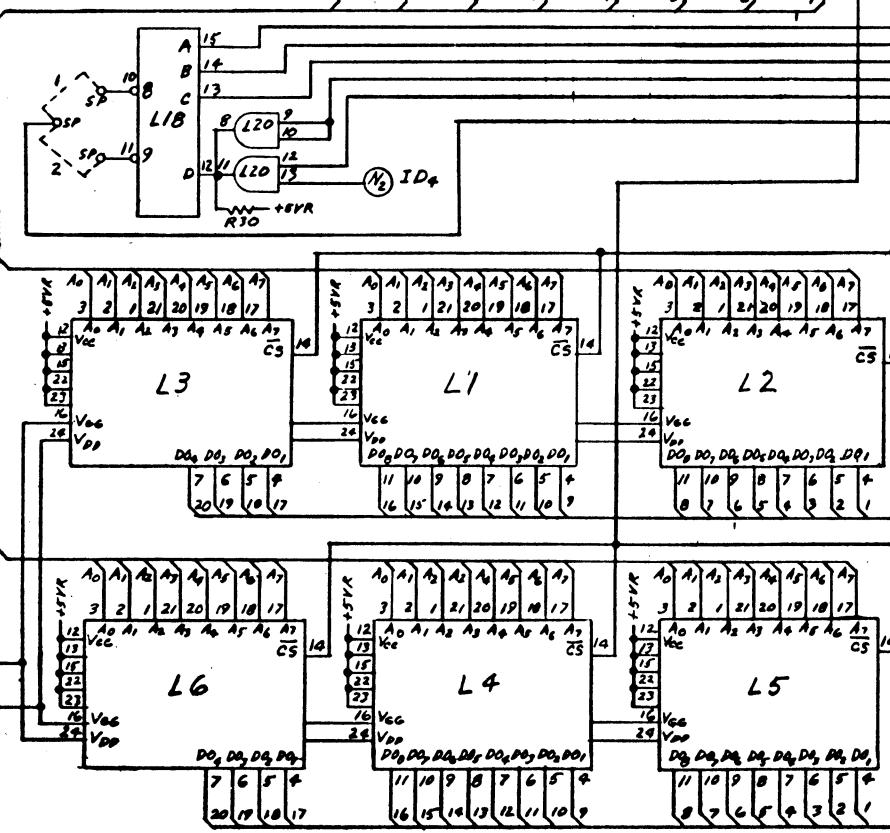
COMPONENT LAYOUT



COMP.	SIZE/TYPE	W.L. NO.	QTY
KITRHO30 1K	1702-3010	30	
D	SIL DIODE	380-1001	234
D2,3	EM903	380-4000	2
C1,7	150PF MANT	300-9022	2
C2,3,4,5,6	.01UF CER	300-1903	5
SOCKET	24 PIN	376-9003	6

LOC.	A1	A1E
L1	378-0256	
L2	378-0255	
L3	378-0257	
L4	378-0244	378-0253
L5	378-0243	378-0252
L6	378-0245	378-0256

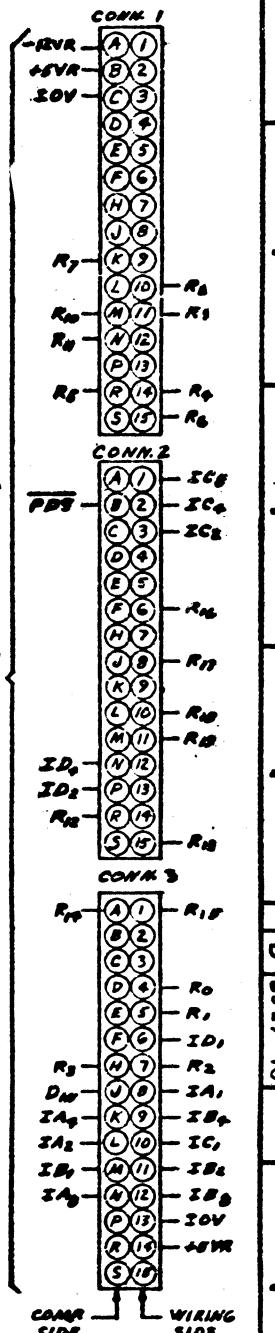
REV/H	REV/D	REV/E
2-6-78	6/17/78	6/17/78
REV/SERIAL	REV/SERIAL	REV/SERIAL

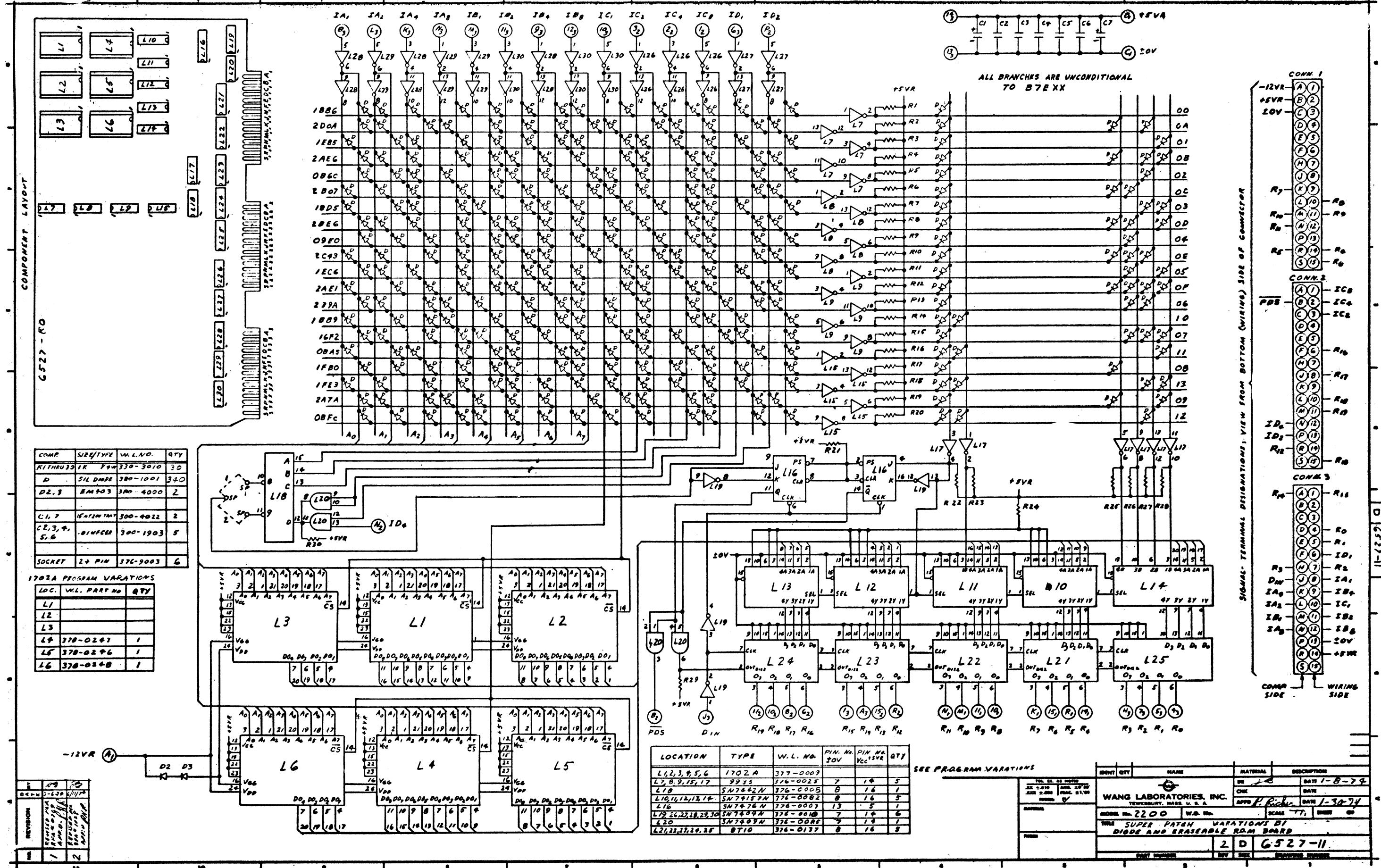


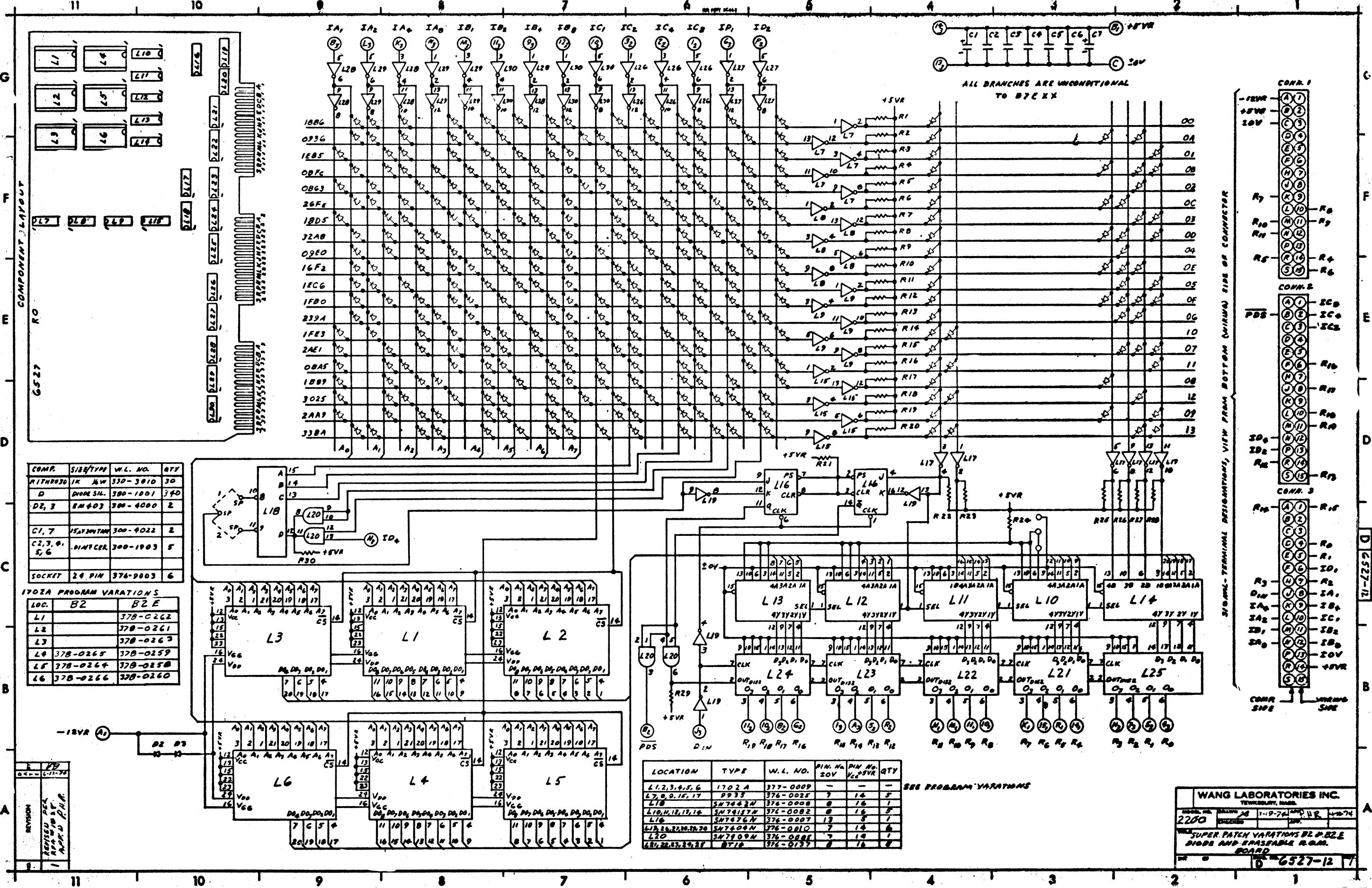
LOCATION	TYPE	W.L. NO.	PIN NO. 20V +5VR	QTY
L1,2,3,4,5,6	1702A	377-0009	-	-
L7,8,9,15,17	9935	376-0025	7 14	5
L10	SN7492N	376-0008	8	1
L10,11,12,13,17	SN7457N	376-0082	8 16	5
L16	SN7476N	376-0007	19	1
L22,26,27,28,29,30	SN7409N	376-0010	7 14	6
L20	SN7409N	376-0086	7 14	1
L21,23,27,28,25	8T10	376-0137	8 16	5

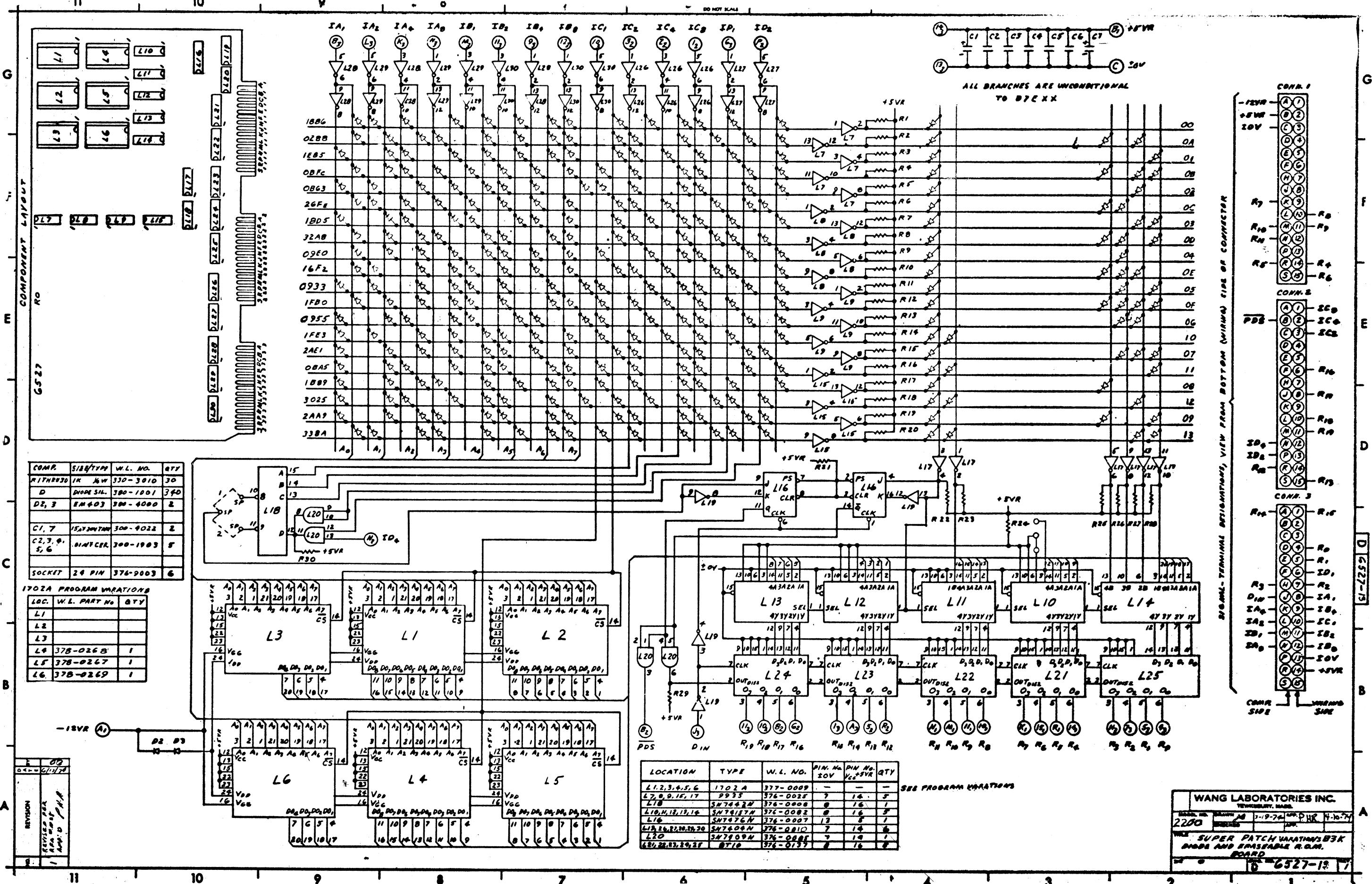
SEE PROGRAM VARIATIONS

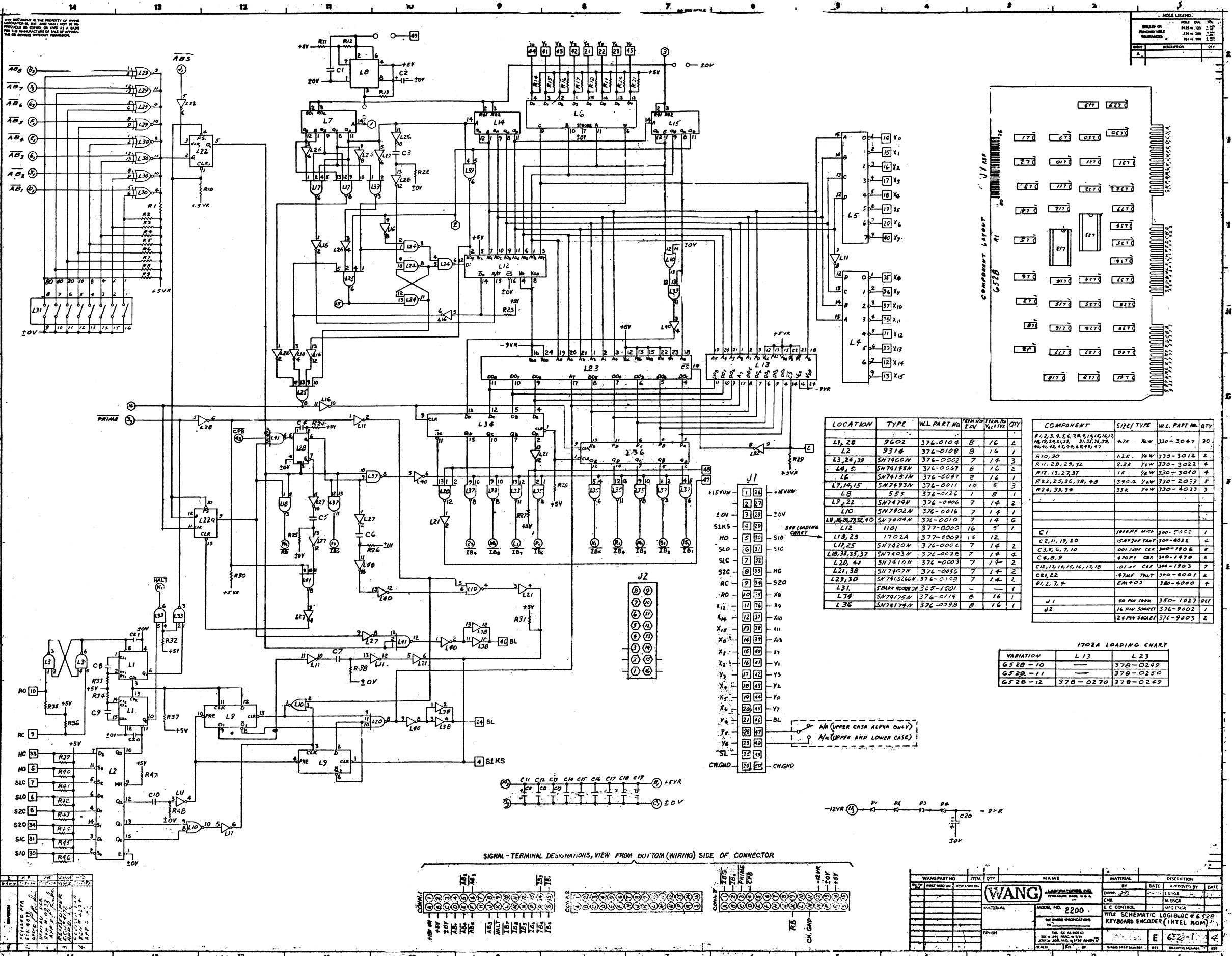
ITEM	QTY	NAME	MATERIAL	DESCRIPTION
DR	1	DATE 1-B-78		
CK	1	DATE		
APD	1	P. Rich		
WANG LABORATORIES, INC.				
TEWKSBURY, MASS. U.S.A.				
MODEL NO. 2200 W.O. NO.				
WIRE SUPER. PATCH VERSIONS A1 AND A1E				
DIODE AND ERASABLE ROM BOARD				
Z D	6527-10			
PART NUMBER				
REV				
DRAWING NUMBER				

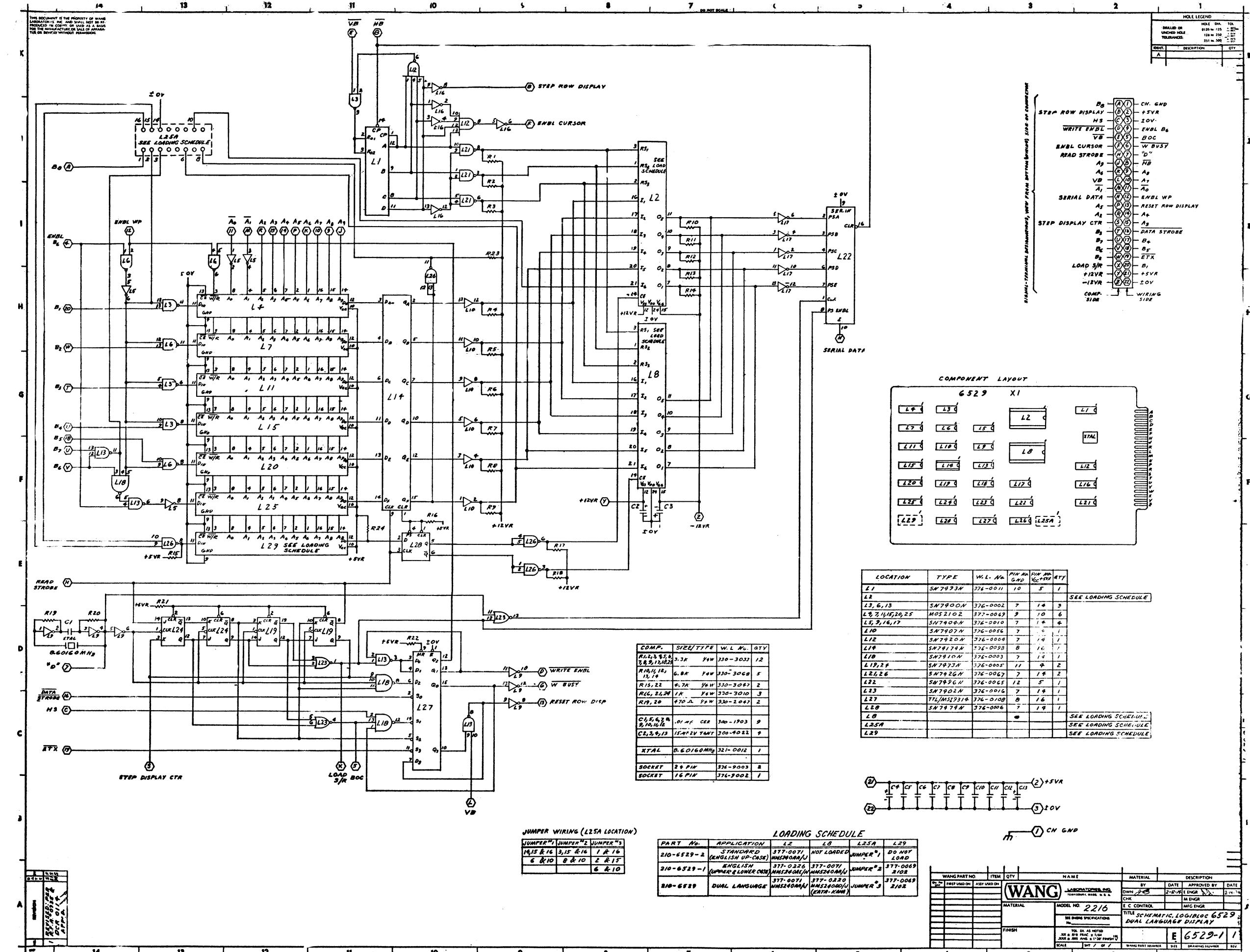




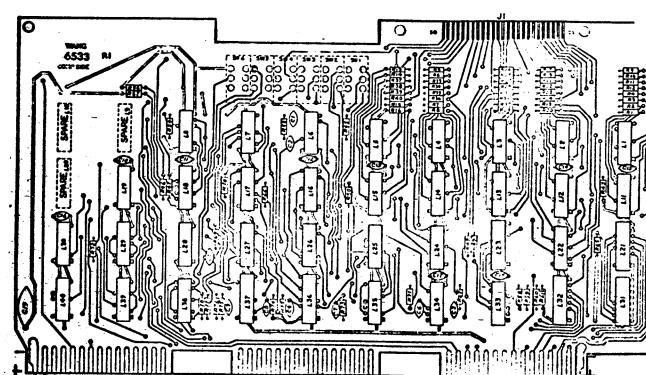
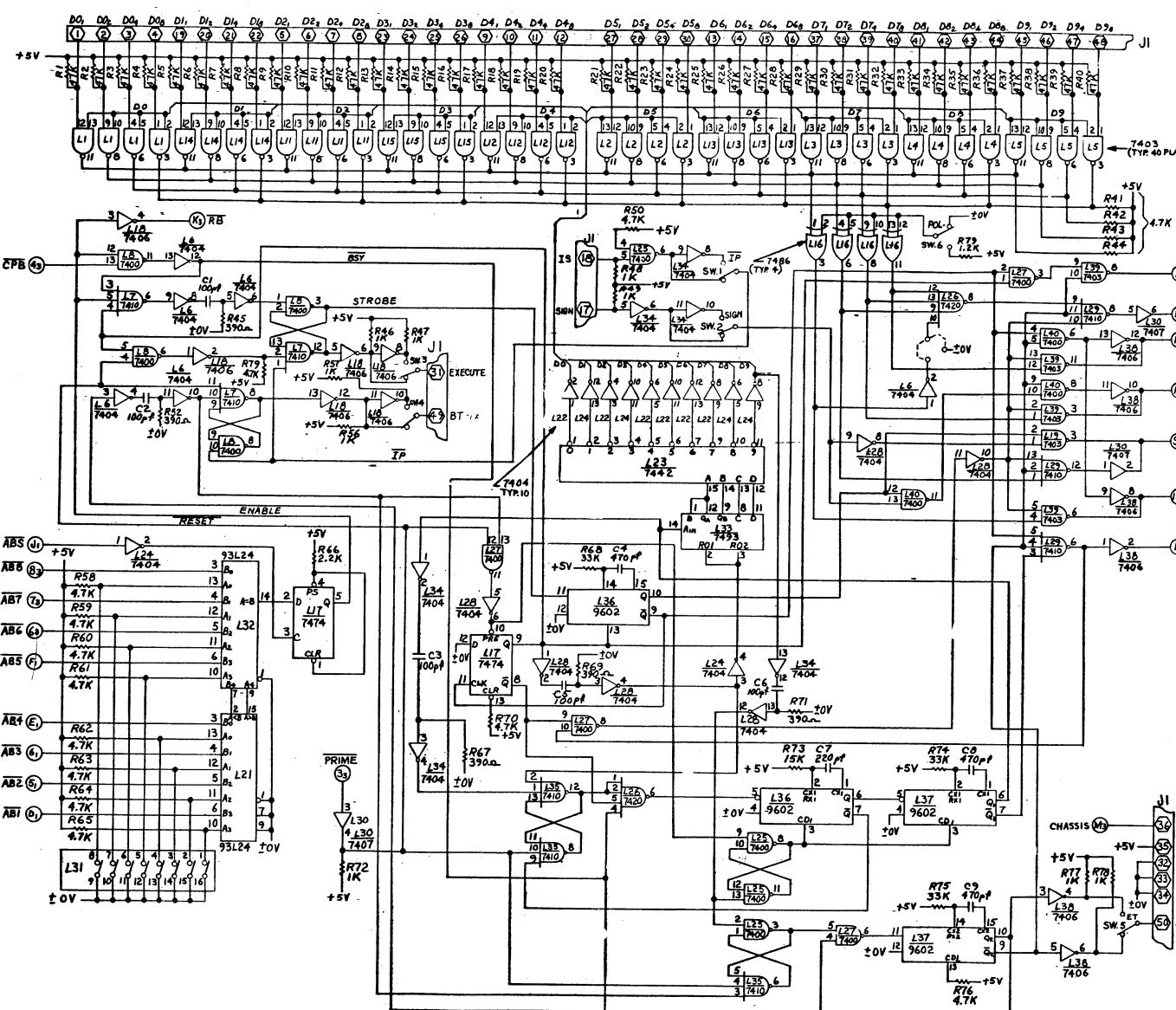








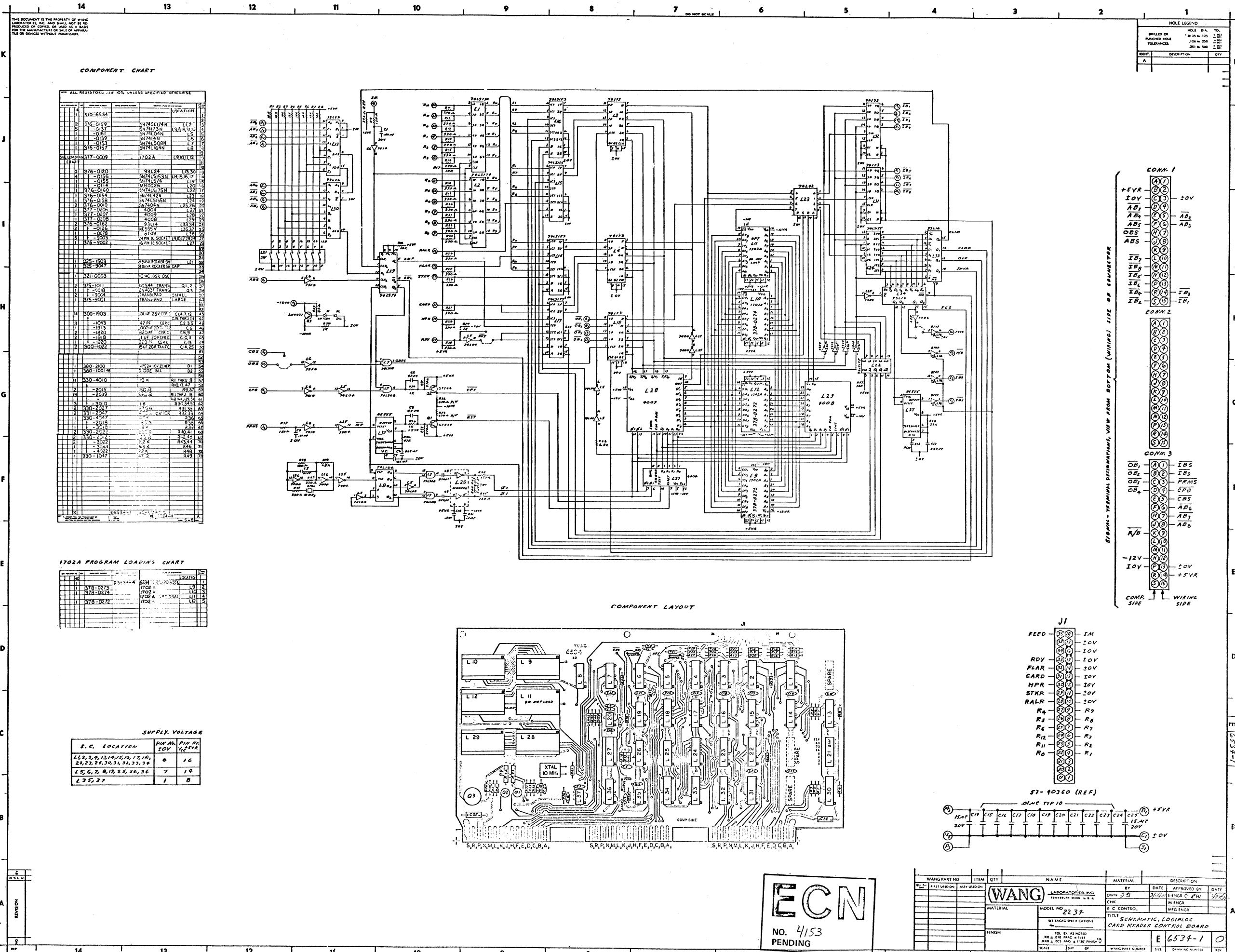
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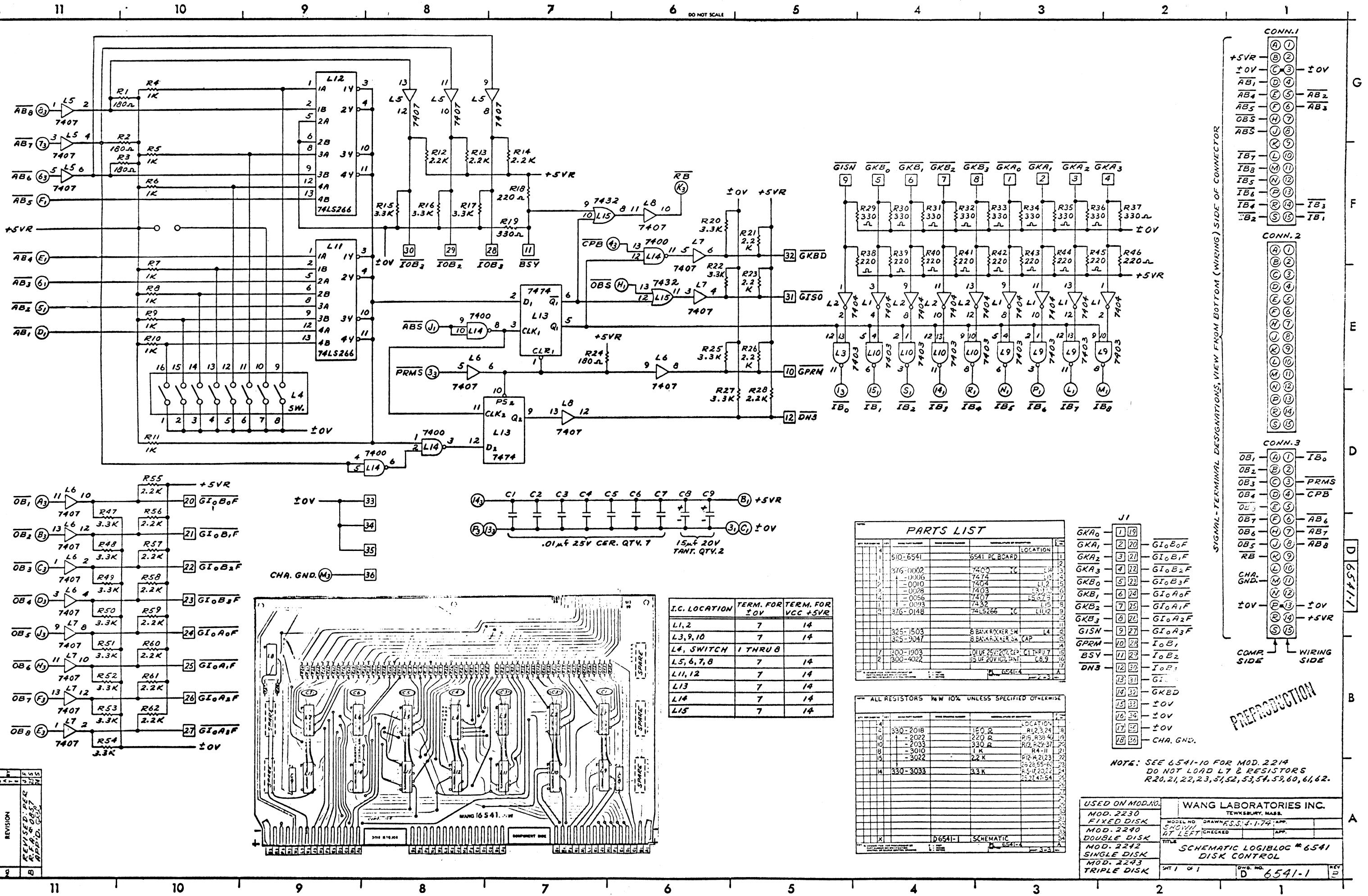


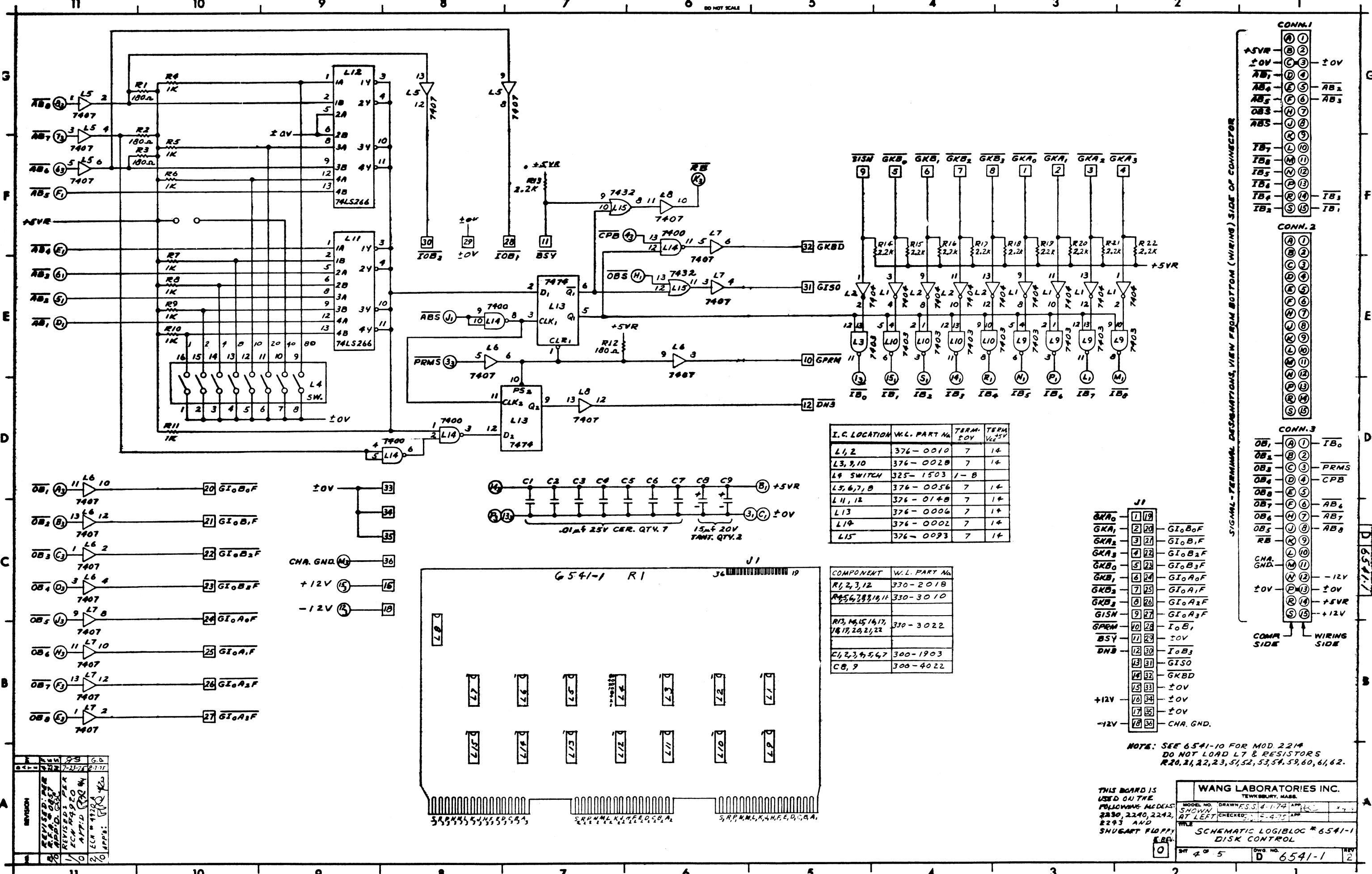
COMPONENT LAY

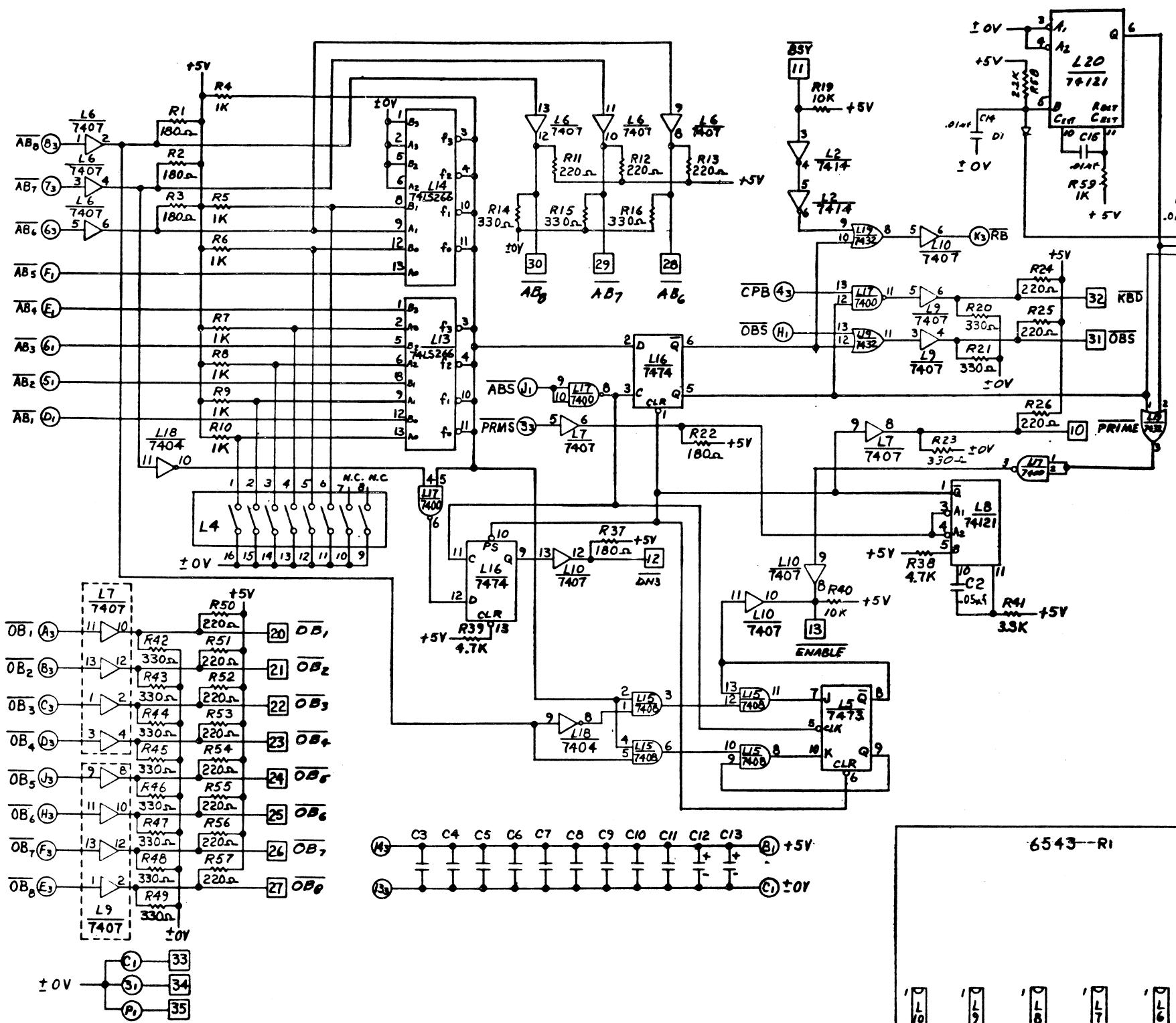
NOTES: 1- ALL RESISTORS ARE $\frac{1}{4}$ W 1%
UNLESS OTHERWISE SPECIFIED
2- ALL SWITCH POSITIONS ARE
DOWNWARD

WANG PART NO	ITEM	QTY	NAME	MATERIAL	DESCRIPTION
10- FIRST VND ON	ASSY VND ON		WANG	LABORATORIES, INC. TEWKSBURY, MASS. U.S.A.	BY DATE APPROVED BY DATE
				DWN 6K 9-2-74 E ENGR JLF	DWN 6K 9-2-74 E ENGR JLF
				CHK 11A 9-9-77 M ENGR	CHK 11A 9-9-77 M ENGR
MATERIAL		MODEL NO. 2252	E.C. CONTROL AFM ENGR		
		SEE DRAWING SPECIFICATIONS NO. 6533-1	TITLE SCHEMATIC LOGIBLOC 6533, MICRO INTERFACE		
FINISH		TOL. EX. AS DRAWN SPECS: 1/8 IN. MIN. 1/4 IN. MAX. 1/16 IN. MAX. 1/16 IN. MIN. 1/16 IN. MAX. 1/16 IN. MIN.	E 6533-1 2		
SCALE	SHR	OF	WANG PART NUMBER	SIZE	DRAWING NUMBER

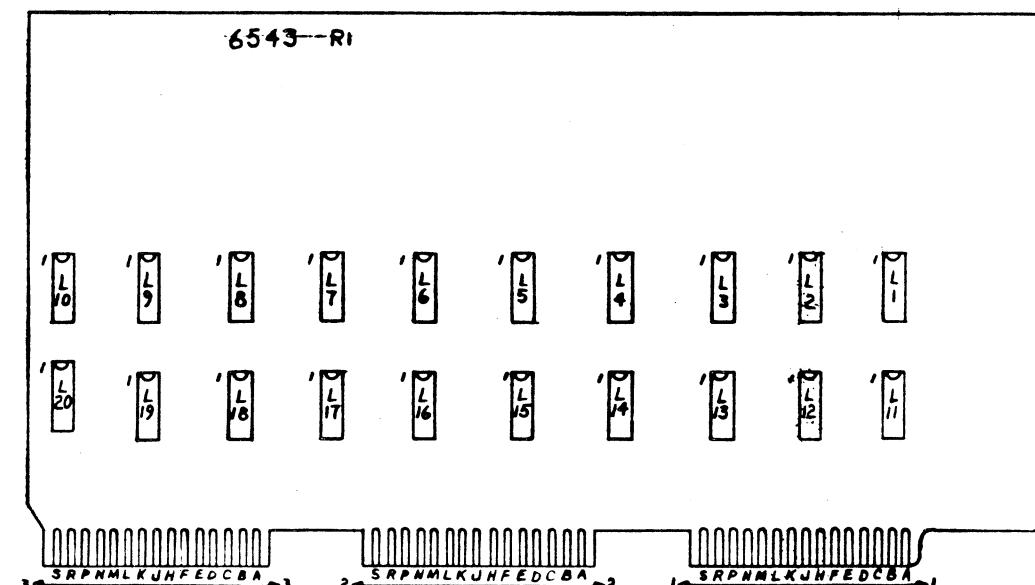








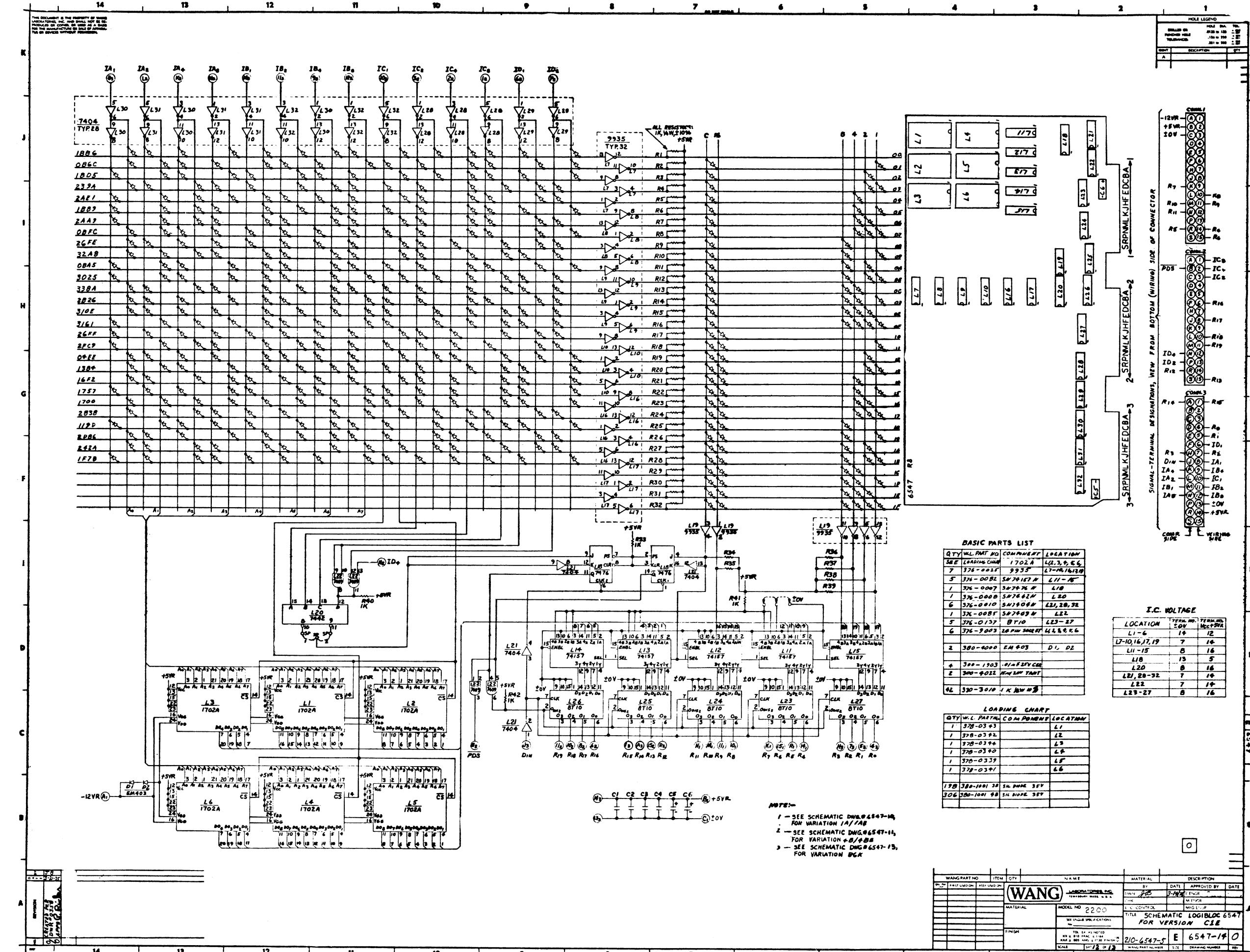
COMPONENT	W.L.PART NO.
L4	325-1503
L7	325-9047
C1	300-2115
C2	300-1900
C3-11,14,15	300-1903
C12,13	300-4022
R41	330-3033
R58	330-3022
R27	- 2010
R1-3,22,37,	- 2018
R11-13,24-26,51-57,	- 2022
RH-6,20,21,23-24-25	- 2033
R4-10, 59	- 3010
R38, 39	- 3047
R19,28-36,40	330-4010

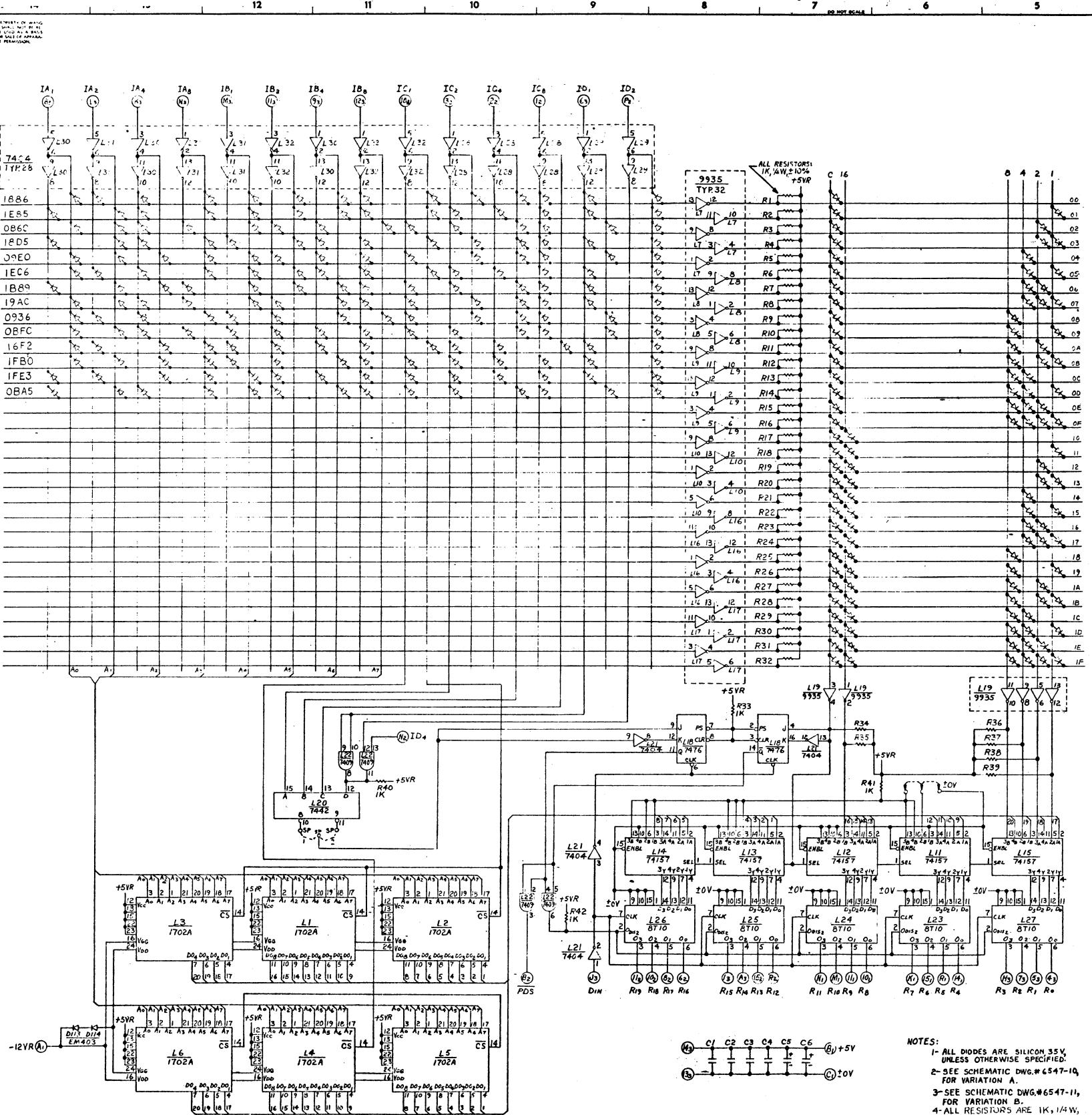


COMPONENT LAYOUT

W.L. PART NO.	LOCATION	TERM. NO. ± 0V	TERM. NO. Vec + 5V
376-0139	L1,2	7	14
-002B	L3,11,12	7	14
-0005	L5	11	4
-0056	L6,7,9,10	7	14
-0051	L8,20	7	14
-0148	L13,14	7	14
-0081	L15	7	14
-0006	L16	7	14
-0002	L17	7	14
-0010	L18	7	14
376-0093	L19	7	14

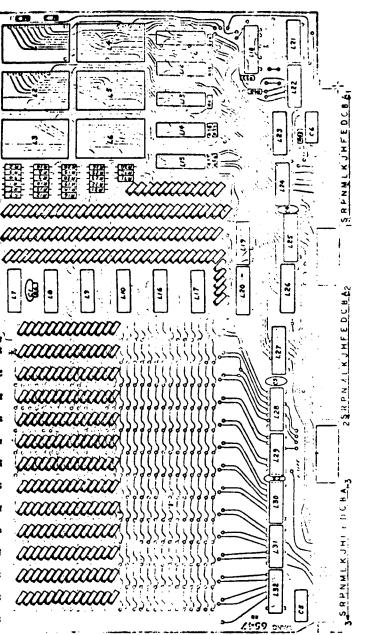
WANG LABORATORIES INC. TEWKSBURY, MASS.					
MODEL NO.	DRAWN BY	4-16-74	APR.	R.C.	W.L.
2224	CHESTER				
	RE'D'D	2/24/75	APP.		
TLX SCHEMATIC LOGIBLOC # 6543 DISK MULTIPLEXER CONTROL					
4 OF 5	DWG. NO.	6543			





NOTES:

- 1- ALL DIODES ARE SILICON 35V,
UNLESS OTHERWISE SPECIFIED.
- 2- SEE SCHEMATIC DWG.#6547-1Q,
FOR VARIATION A.
- 3- SEE SCHEMATIC DWG.#6547-1I,
FOR VARIATION B.
- 4- ALL RESISTORS ARE 1K, 1/4W,
 $\pm 10\%$ UNLESS OTHERWISE SPECIFIED
- 5- THE BASIC P.C. BOARD (WITHOUT
SOFTWARE CHIPS), MADE IN
PRODUCTION IS 6547-1.



COMPONENT LAYOUT

HOLE LEGEND		
BRIDLED OR PUNCHED HOLE	HOLE DIA.	LOC.
BRIDLED	.019-.020	12V
PUNCHED	.019-.020	+5V
TOLERANCES:	.001-.002	.001-.002
	.331-.340	.331-.340

IDENT.	DESCRIPTION	QTY
A		

CONN.1	
-12VR	(A) (1)
+5V	(B) (2)
±0V	(C) (3)
	(D) (4)
	(E) (5)
	(F) (6)
	(H) (7)
R7	(J) (8)
	(K) (9)
	(L) (10)
R10	(M) (11)
R11	(N) (12)
	(P) (13)
R5	(R) (14)
	(S) (15)

CONN.2	
±0DS	(A) (1)
	(B) (2)
	(C) (3)
	(D) (4)
	(E) (5)
	(F) (6)
	(H) (7)
R7	(J) (8)
	(K) (9)
	(L) (10)
R16	(M) (11)
R17	(N) (12)
R18	(P) (13)
R19	(R) (14)
R13	(S) (15)

CONN.3	
R14	(A) (1)
	(B) (2)
	(C) (3)
	(D) (4)
	(E) (5)
	(F) (6)
	(H) (7)
R15	(I) (8)
R16	(J) (9)
R17	(K) (10)
ID1	(L) (11)
ID2	(M) (12)
R18	(N) (13)
R19	(P) (14)
R15	(R) (15)

SIGNAL-TERMINAL DESIGNATIONS, VIEW FROM BOTTOM (WIRING) SIDE OF CONNECTOR

COMP. SIDE WIRING SIDE

I.C. VOLTAGE

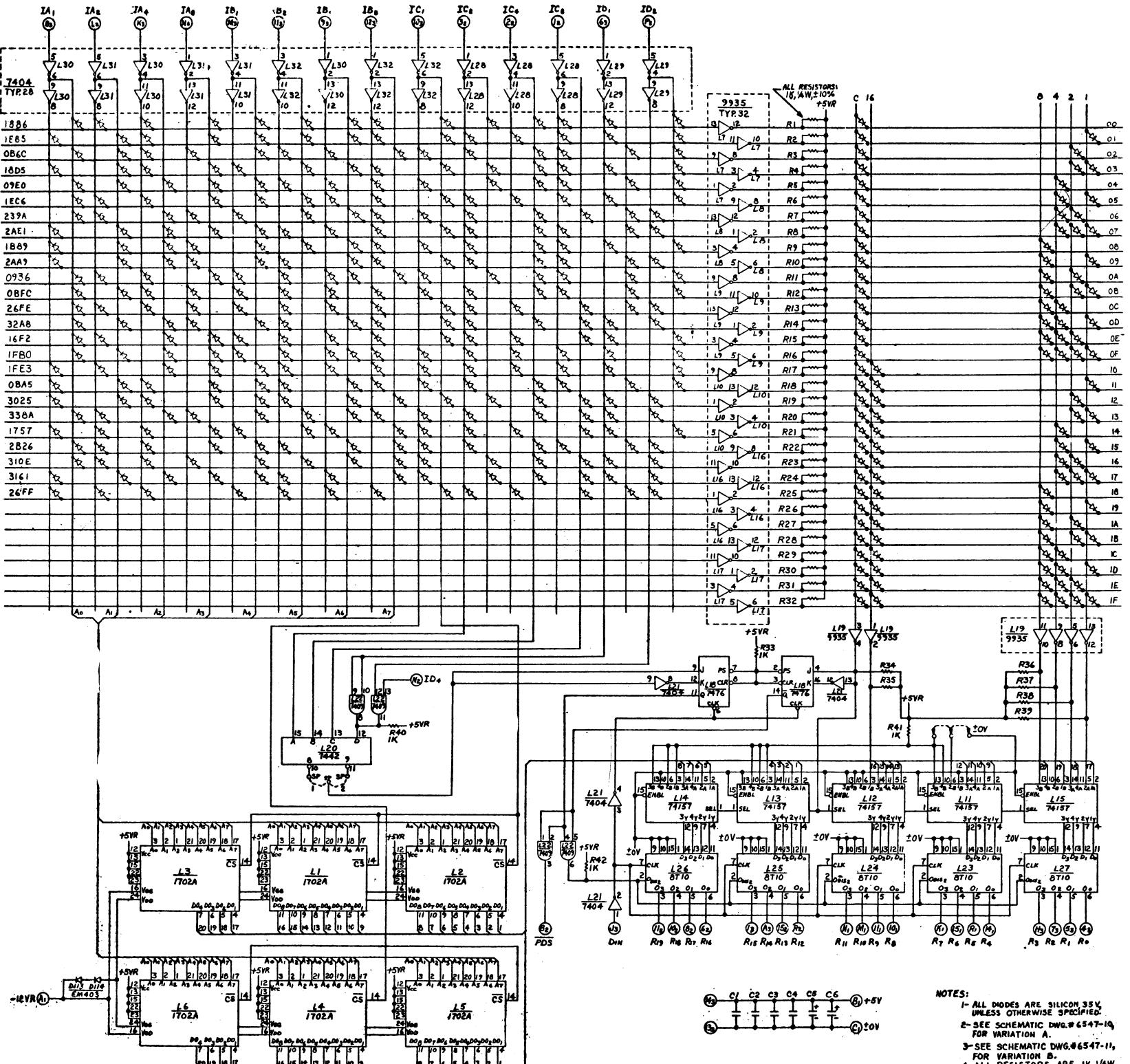
LOCATION	TERM. NO. E.O.V.	TERM. NO. V.E.C.Y.
I-6	14	12
16,17,19	7	14
11-15	8	16
L18	13	5
L20	8	16
1,28-32	7	14
L22	7	14
3-27	8	16

1702A PROGRAM LOADING CHART

LOCATION	IA	IAE
L1		378-0256
L2		378-2255
L3		378-2257
L4	378-0244	378-2253
L5	378-0243	378-2252
L6	378-0246	378-2254

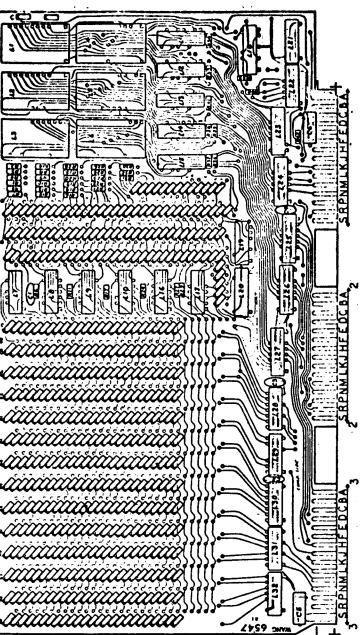
ENGINEERING

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NOTES:

- 1 - ALL DIODES ARE SILICON 35V UNLESS OTHERWISE SPECIFIED.
- 2 - SEE SCHEMATIC DWG.# 6547-14 FOR VARIATION A.
- 3 - SEE SCHEMATIC DWG.# 6547-11, FOR VARIATION B.
- 4 - ALL RESISTORS ARE 1K1/W UNLESS OTHERWISE SPECIFIED.
- 5 THE PCB BOARD (WITHOUT SOFTWARE CHIPS) MADE IN PRODUCTION 16547-3



COMPONENT LAYOUT

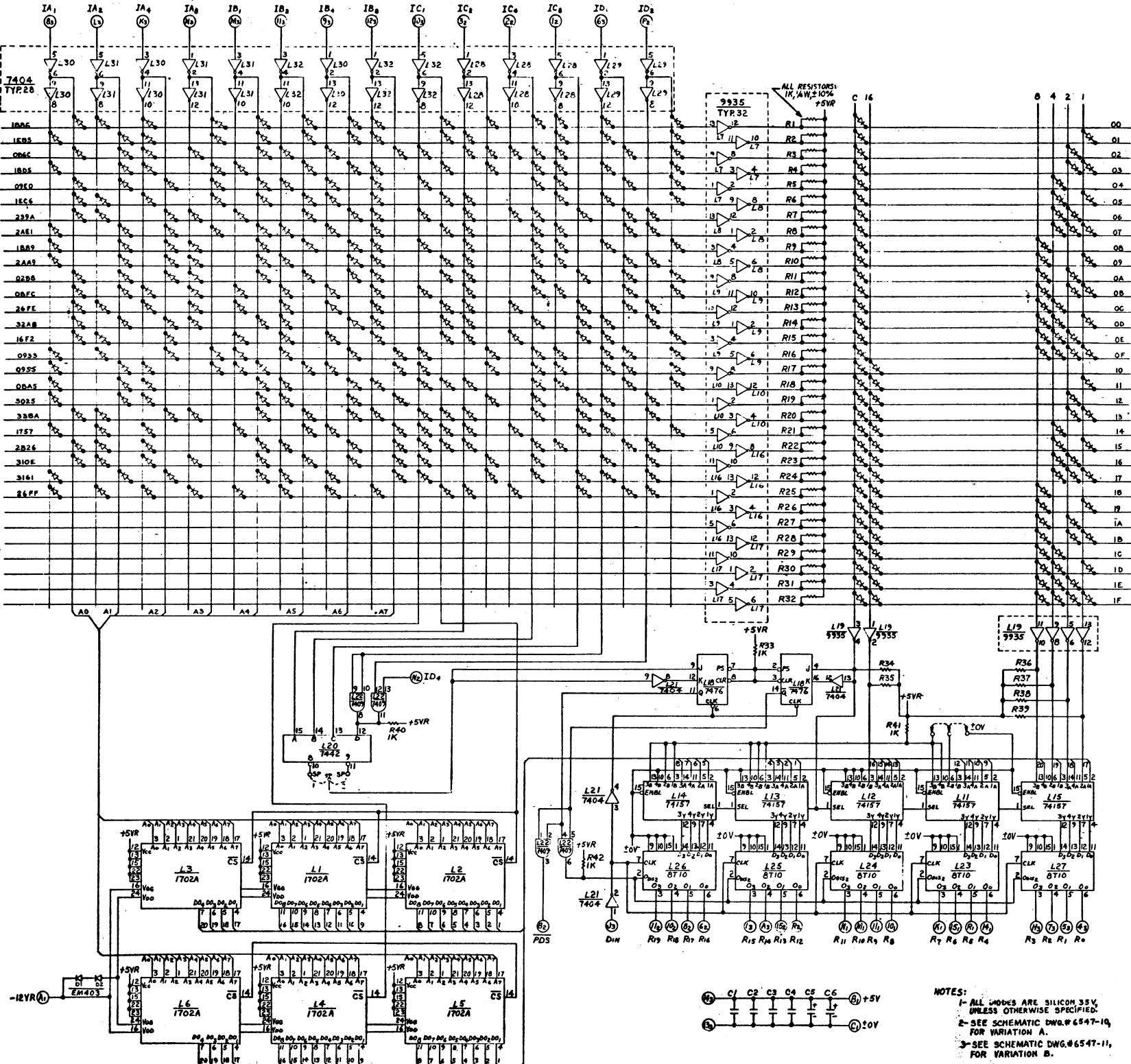
I.C. VOLTAGE		
LOCATION	TERM. NO. TO V	TERM. NO. VOC-5Y
L1-6	14	12
L7-10,16,17,19	7	14
L11-15	8	16
L18	13	5
L20	8	16
L21,28-32	7	14
L22	7	14
L23-27	8	16

702A PROGRAM LOADING CHART		
LOCATION	B4	B4E
L1		378-0294
L2		378-0293
L3		378-0295
L4	378-0288	378-0291
L5	378-0287	378-0290
L6	378-0289	378-0292

ENGINEERING

WANG PART NO Sp. No.	ITEM	QTY	NAME	MATERIAL	DESCRIPTION		
FIRST USED ON	ABY USED ON		WANG	BY	DATE	APPROVED BY	DATE
			LABORATORIES, INC. TELETYPE MACH. U.S.A.	DWN	5-7-78	ENGR / J. W. C.	(4) 14
				CHE		AM ENGR	
MATERIAL		MODEL NO	2200	E C CONTROL	AMG ENGR		
		SM SHEWS SPECIFICATIONS IN THIS DRAWING		TITLE SCHEMATIC LOGIC BLOC 6547 FOR VERSIONS B4/B4E			
FINISH		TOL. & CL. AS NOTED JULY 16 1978 PAGE 17/48 JULY 16 1988 AMG - 1"=1" DRAWING 7		E 6547-II A			
SCALE		SHT	OF	WANG PART NUMBER	W/Z	DRAWING NUMBER	REV.
4	3	2	1				

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FOR THE MANUFACTURE OR SALE OF APPARAU-
TUS OR DEVICES WITHOUT PERMISSION.



NOTES:

- 1- ALL DIODES ARE SILICON 35V,
UNLESS OTHERWISE SPECIFIED.
- 2- SEE SCHEMATIC DWG.# 6547-1Q,
FOR VARIATION A.
- 3- SEE SCHEMATIC DWG.# 6547-1I,
FOR VARIATION B.
- 4- ALL RESISTORS ARE 1K-1/4 W,
±10%, UNLESS OTHERWISE SPECIFIED.
- 5- THE BASIC P.C. BOARD (WITHOUT
SOFTWARE CHIPS) MADE IN PRODUCTION

ENGINEERING

6

5

4

DO NOT SCALE |

3

2

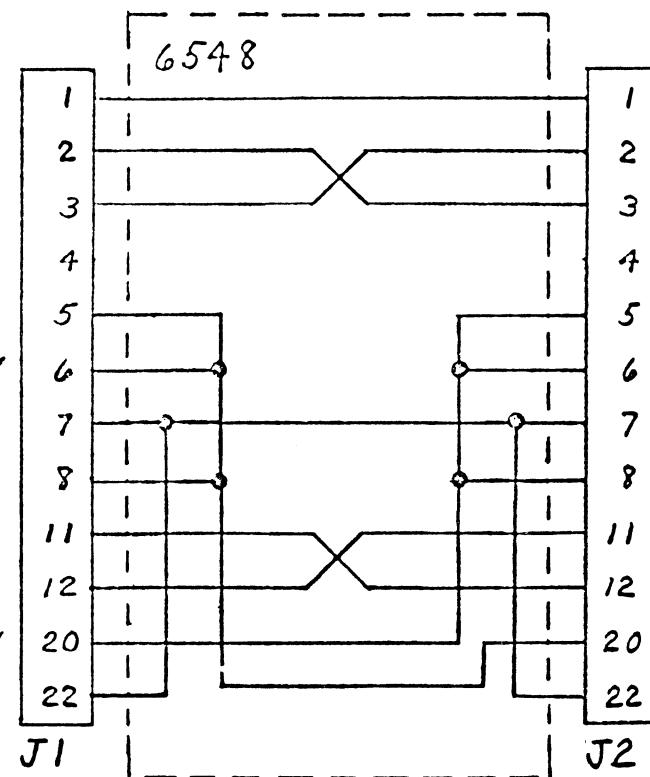
HOLE LEGEND

DRILLED OR
PUNCHED HOLE
TOLERANCES:

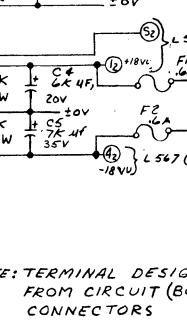
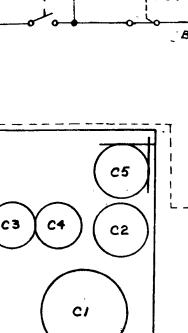
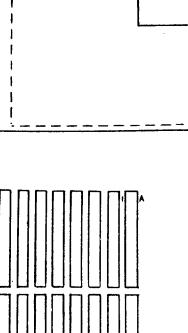
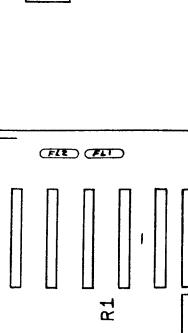
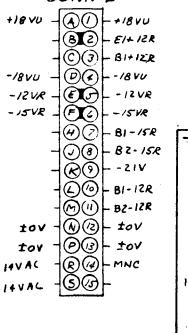
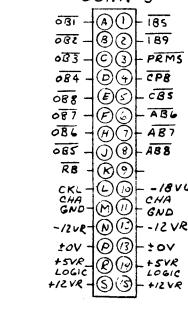
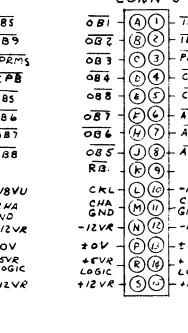
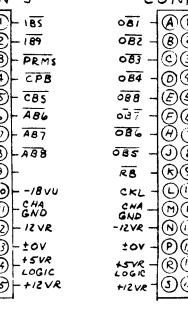
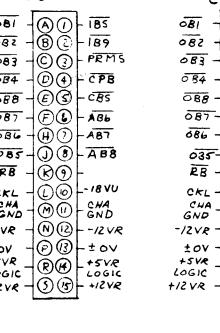
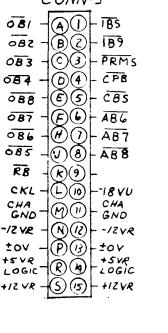
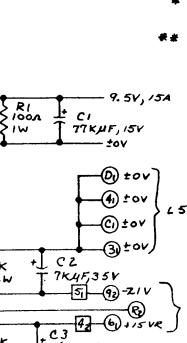
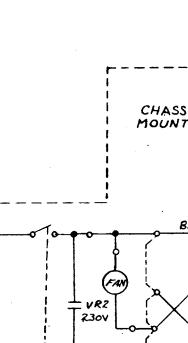
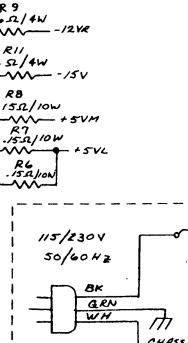
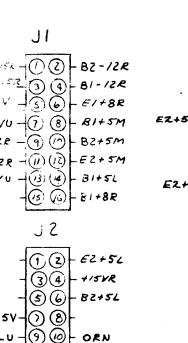
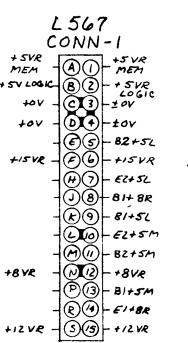
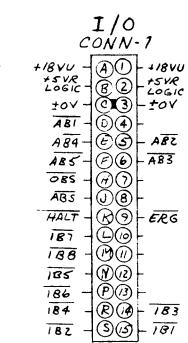
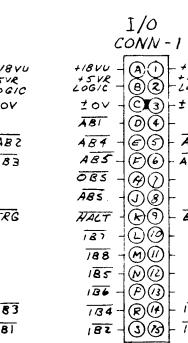
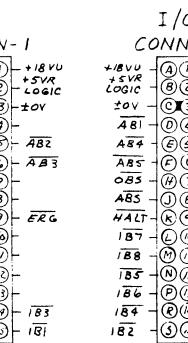
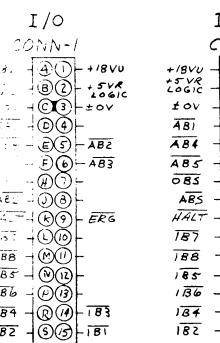
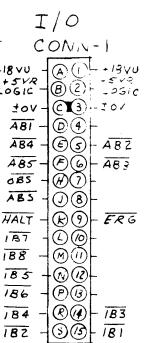
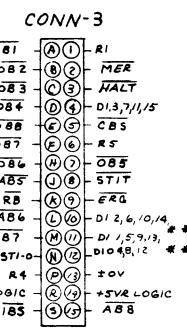
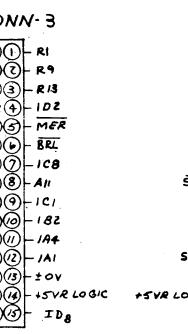
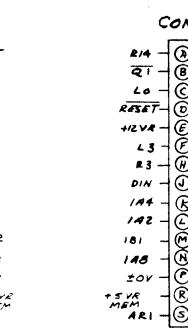
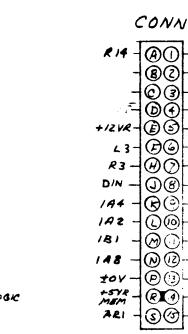
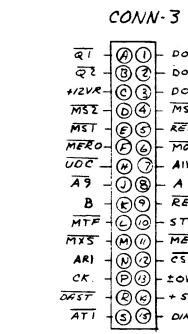
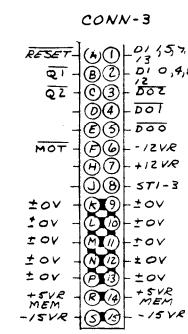
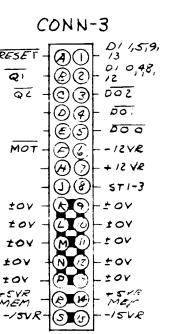
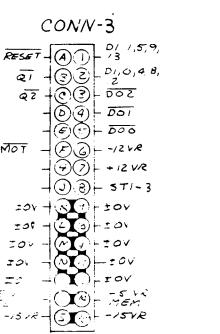
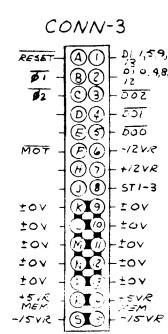
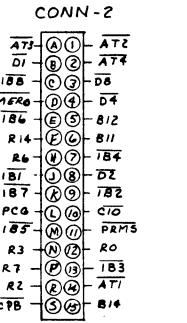
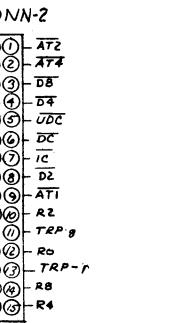
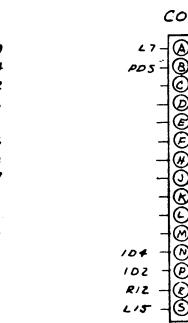
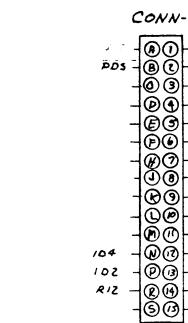
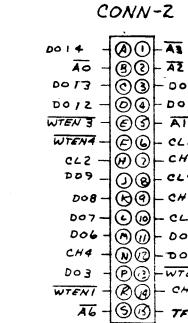
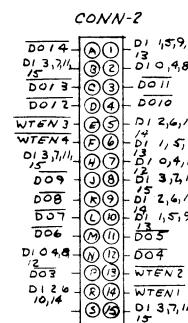
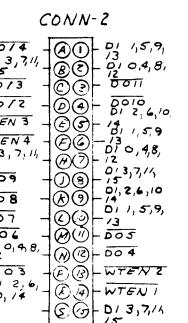
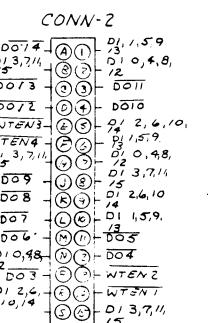
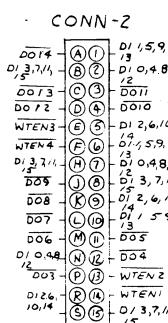
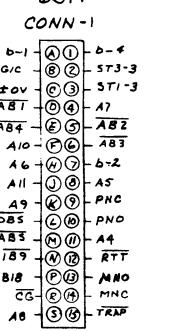
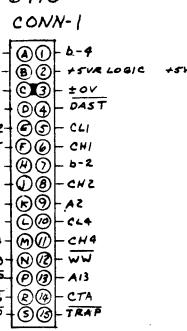
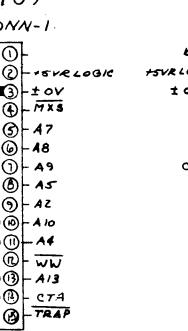
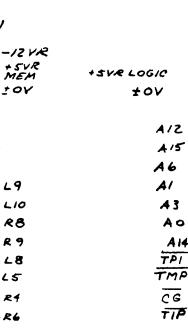
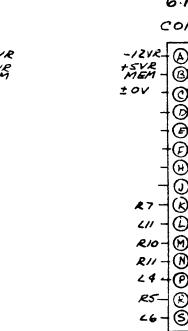
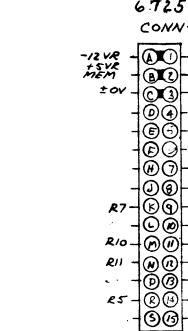
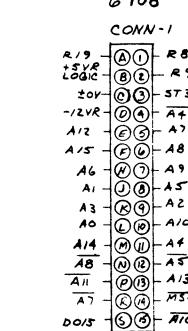
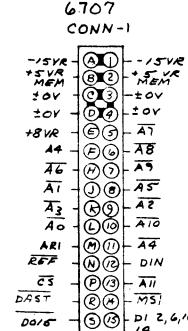
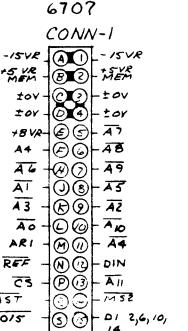
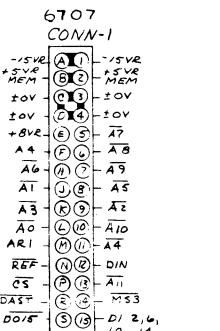
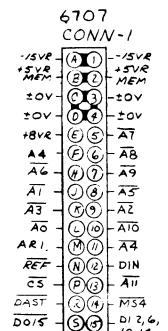
HOLE	DIA.	TOL.
.0135 to .125		+ .003 -.001
.126 to .250		+ .004 -.001
.251 to .500		+ .005 -.001

IDENT.	DESCRIPTION	QTY.
A		

CHASSIS GND
XMT DATA
RCV DATA
REQ TO SEND
CLEAR TO SEL
DATA SET REQ
SIGNAL GND
CARRIER 'DE'
SUP. XMT
SUP. RCV
DATA TERM. RE
RING



REVISION		D A T E
NO.		



REVISION	REVISED BY	DATE	REVISED BY	DATE
A	Ronald Beck	220	C	ECN+SS

REVISION	REVISED BY	DATE	REVISED BY	DATE
B	John D. Smith	24	C	ECN+SS

REVISION	REVISED BY	DATE	REVISED BY	DATE
C	John D. Smith	26	D	ECN+SS

REVISION	REVISED BY	DATE	REVISED BY	DATE
D	John D. Smith	28	E	ECN+SS

REVISION	REVISED BY	DATE	REVISED BY	DATE
E	John D. Smith	30	F	ECN+SS

REVISION	REVISED BY	DATE	REVISED BY	DATE
F	John D. Smith	32	G	ECN+SS

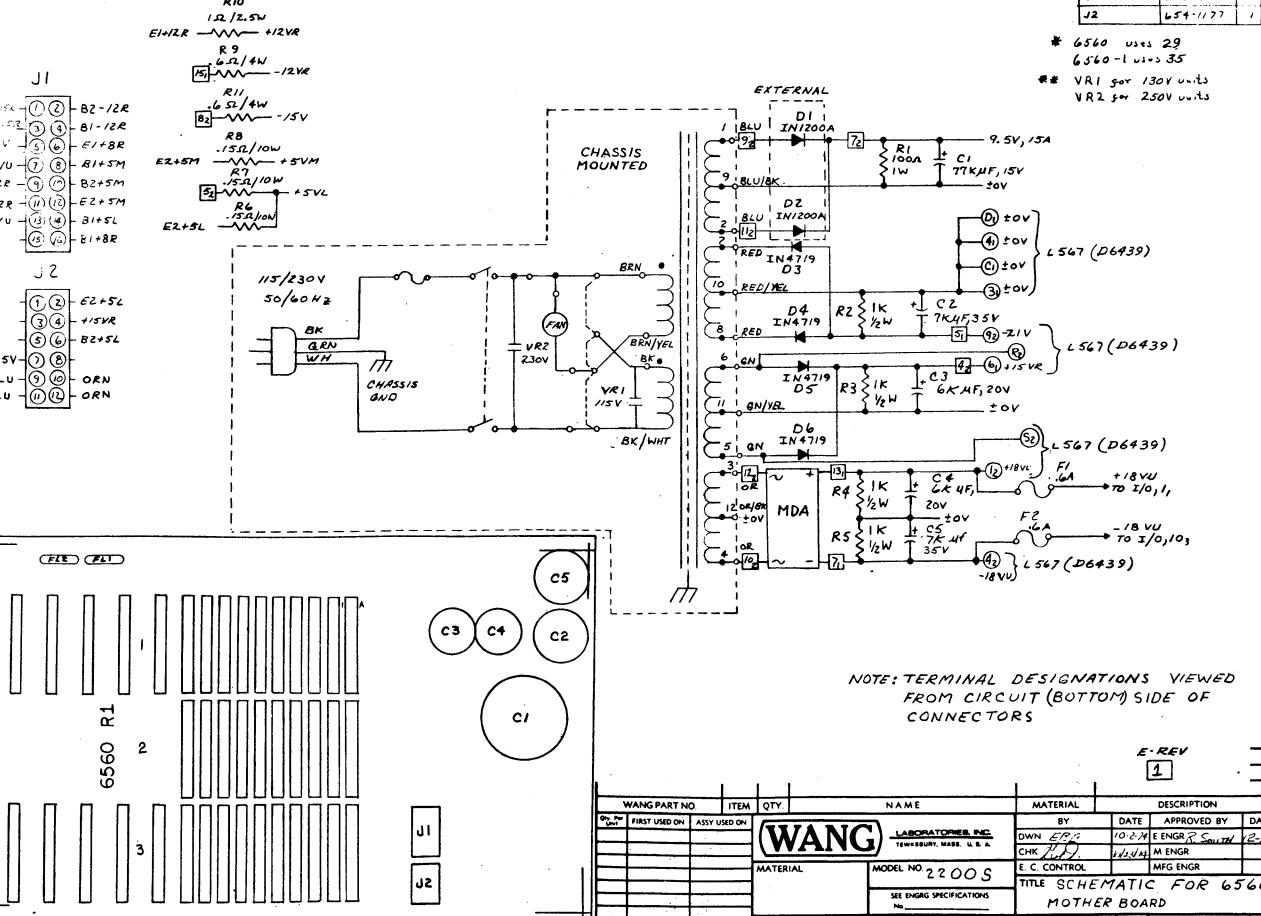
REVISION	REVISED BY	DATE	REVISED BY	DATE
G	John D. Smith	34	H	ECN+SS

REVISION	REVISED BY	DATE	REVISED BY	DATE
H	John D. Smith	36	I	ECN+SS

REVISION	REVISED BY	DATE	REVISED BY	DATE
I	John D. Smith	38	J	ECN+SS

REVISION	REVISED BY	DATE	REVISED BY	DATE
J	John D. Smith	40	K	ECN+SS

REVISION	REVISED BY	DATE	REVISED BY	DATE
K	John D. Smith	42	L	ECN+SS



NOTE: TERMINAL DESIGNATIONS VIEWED
FROM CIRCUIT (BOTTOM) SIDE OF
CONNECTORS

E

REV

1

A

1

2

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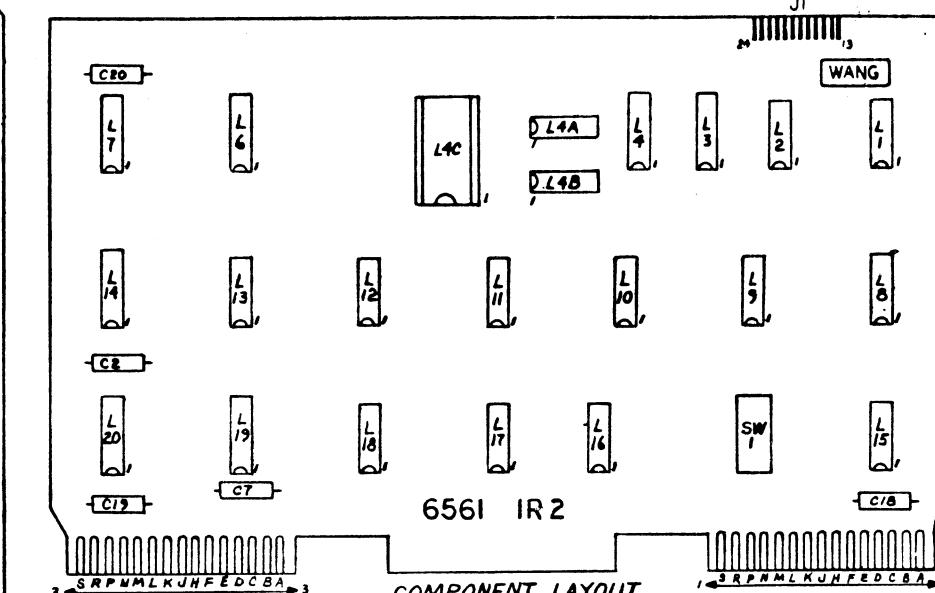
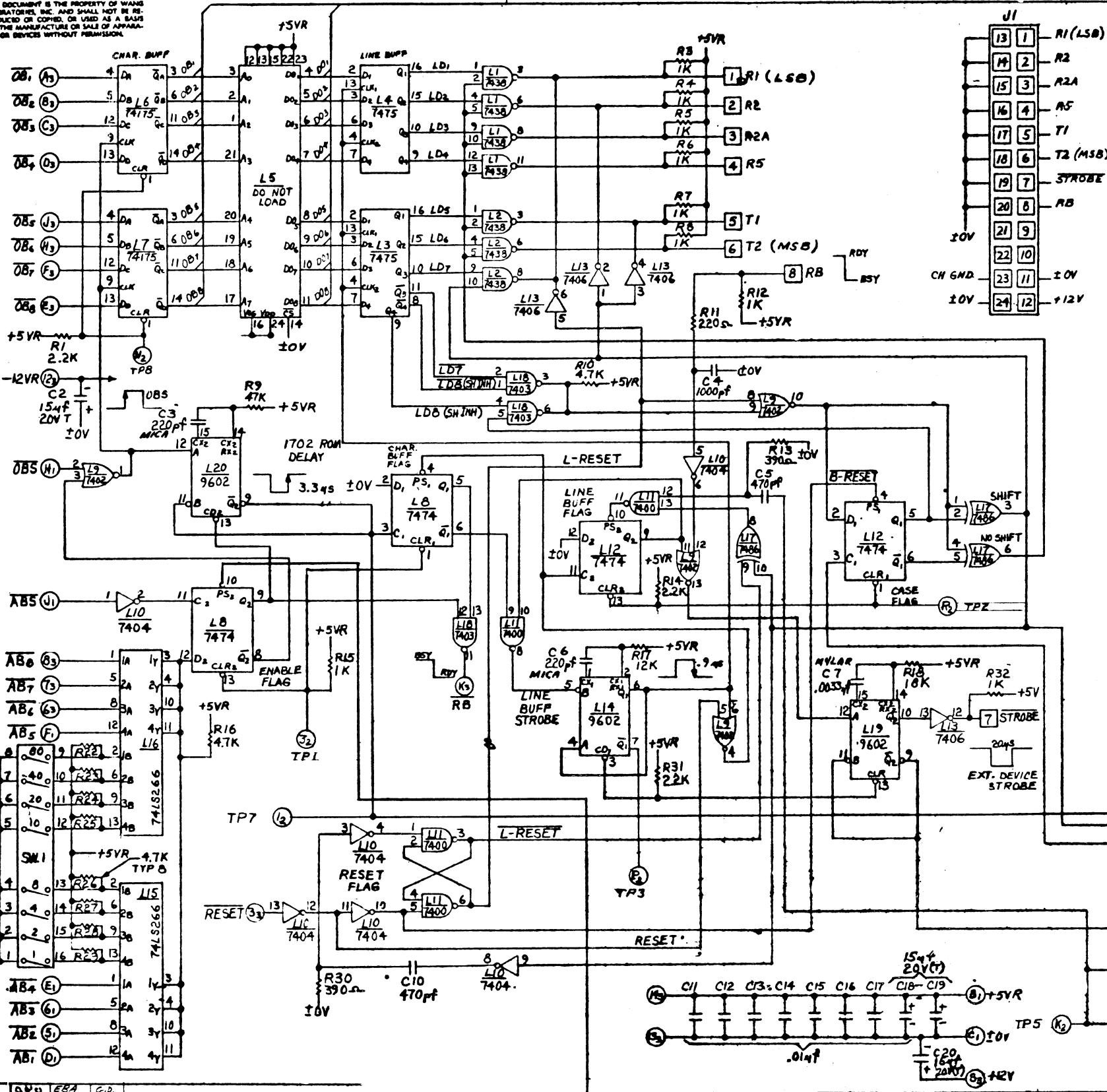
28

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29

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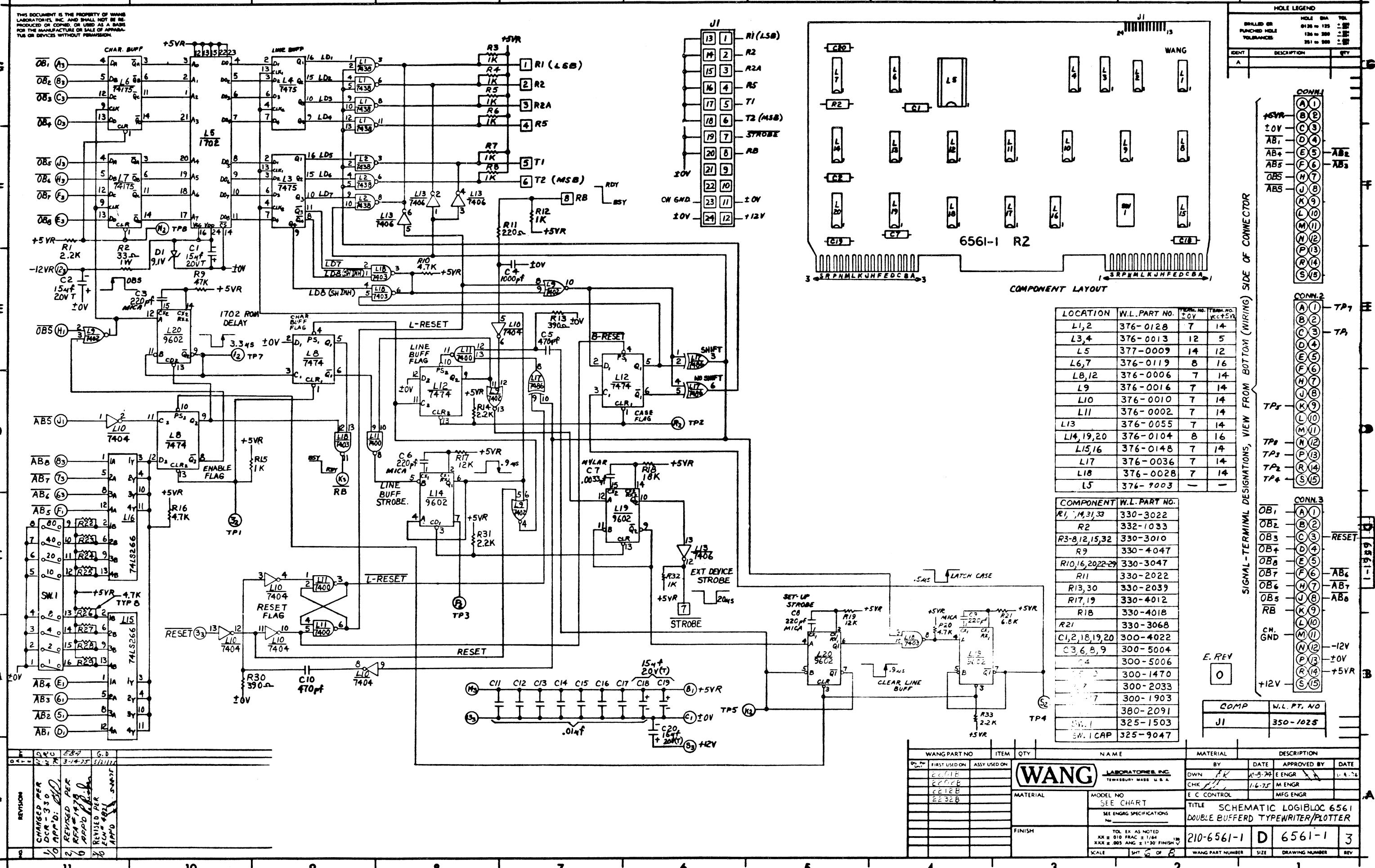


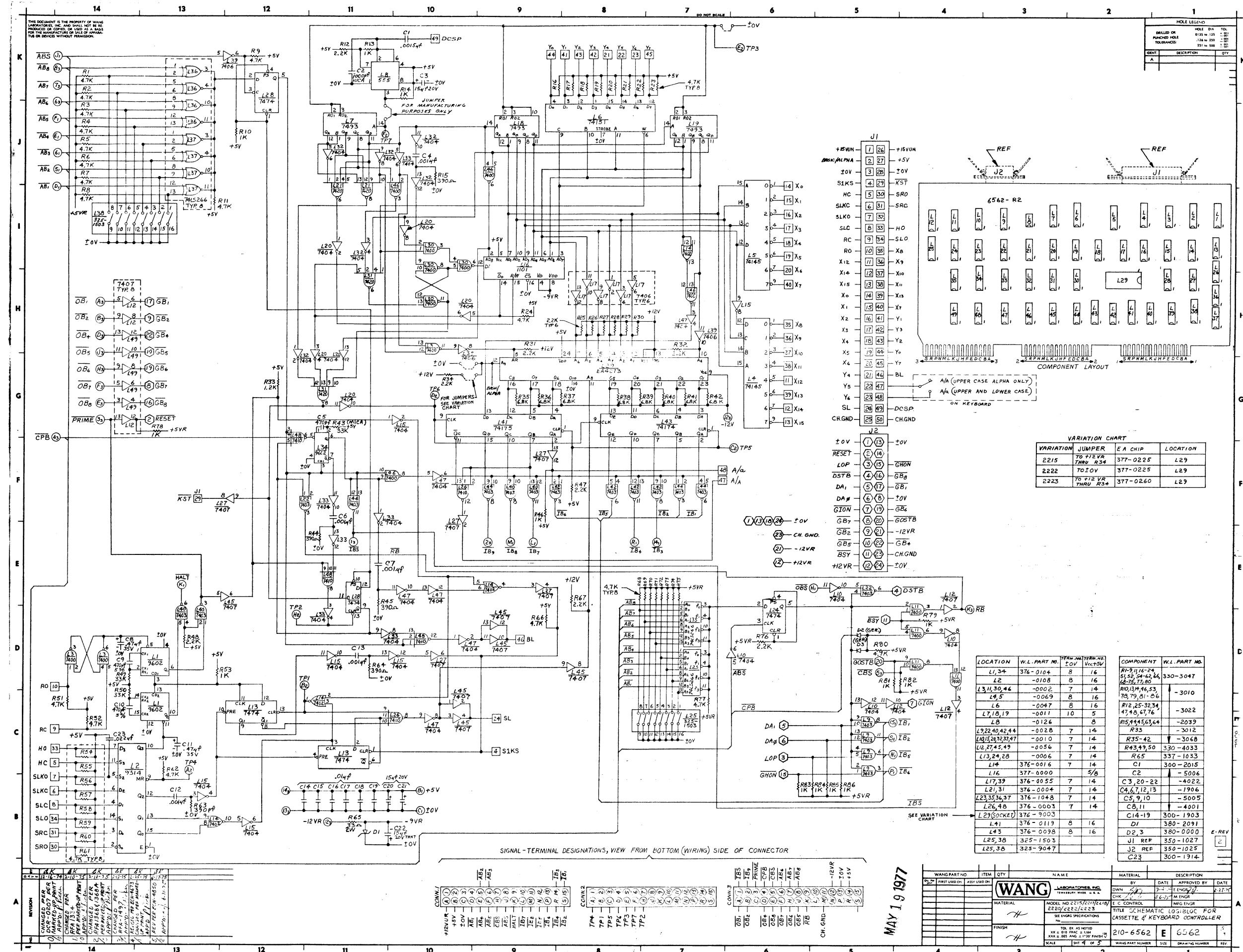
SIGNAL-TERMINAL DESIGNATIONS, VIEW FROM BOTTOM (WIRING) SIDE OF CONNECTOR

CONN. 2	
(A)	1
(B)	2
(C)	3
(D)	4
(E)	5
(F)	6
(G)	7
(H)	8
(I)	9
(J)	10
(K)	11
(L)	12
(M)	13
(N)	14
(P)	15
(R)	16
(S)	17

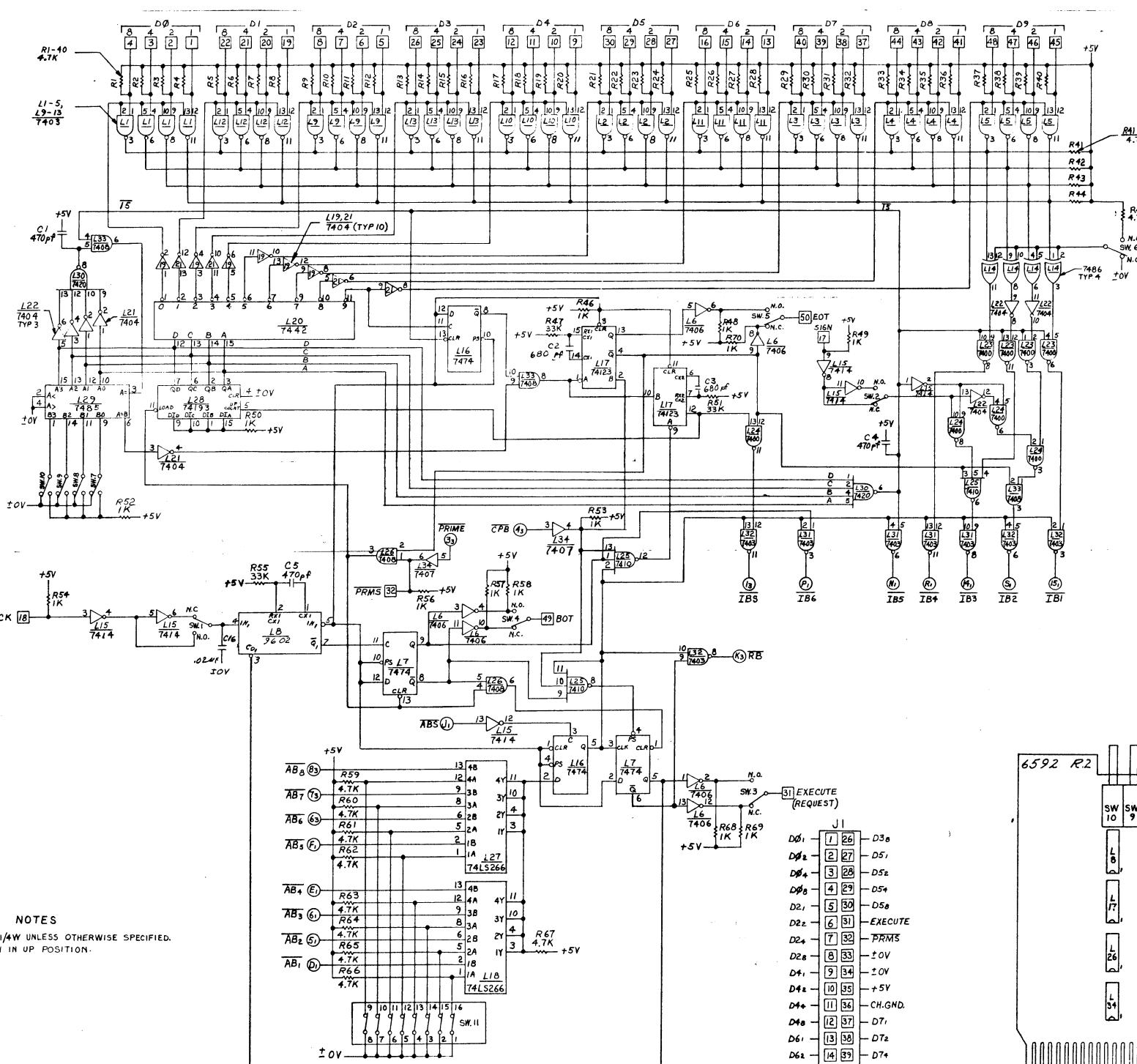
LOCATION	W.L. PART NO.	TERM. NO. 20V	TERM. NO. Vec + 5VR
L4C	377-0156	—	24
L1,2	376-0128	7	14
L3,4	376-0013	12	5
L6,7	376-0119	8	16
L8,12	376-0006	7	14
L9	376-0016	7	14
L10	376-0010	7	14
L11	376-0002	7	14
L13,4A,4B	376-0055	7	14
L14,19,20	376-0104	8	16
L15,16	376-0148	7	14
L17	376-0036	7	14
L18	376-0028	7	14
L4C	376-9003	—	—

COMPONENT	W.L. PART NO.
R1, M.31,33-43	330-3022
R3-B12,15,32	330-3010
R9	330-4047
R10,16,2022-29	330-3047
R11	330-2022
R13,30	330-2039
R17,19	330-4012
R18	330-4018
R21,44-51	330-3068
C2,18,19,20	300-4022
C3,6,8,9	300-5004
C4	300-5006
C5,10	300-1470
" C7	300-2035
C11-17	300-1903
SW	325-9047
SW.1	325-1503
.11	350-1025





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NOT BE RE-
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APPARA-
ON.



NOTE

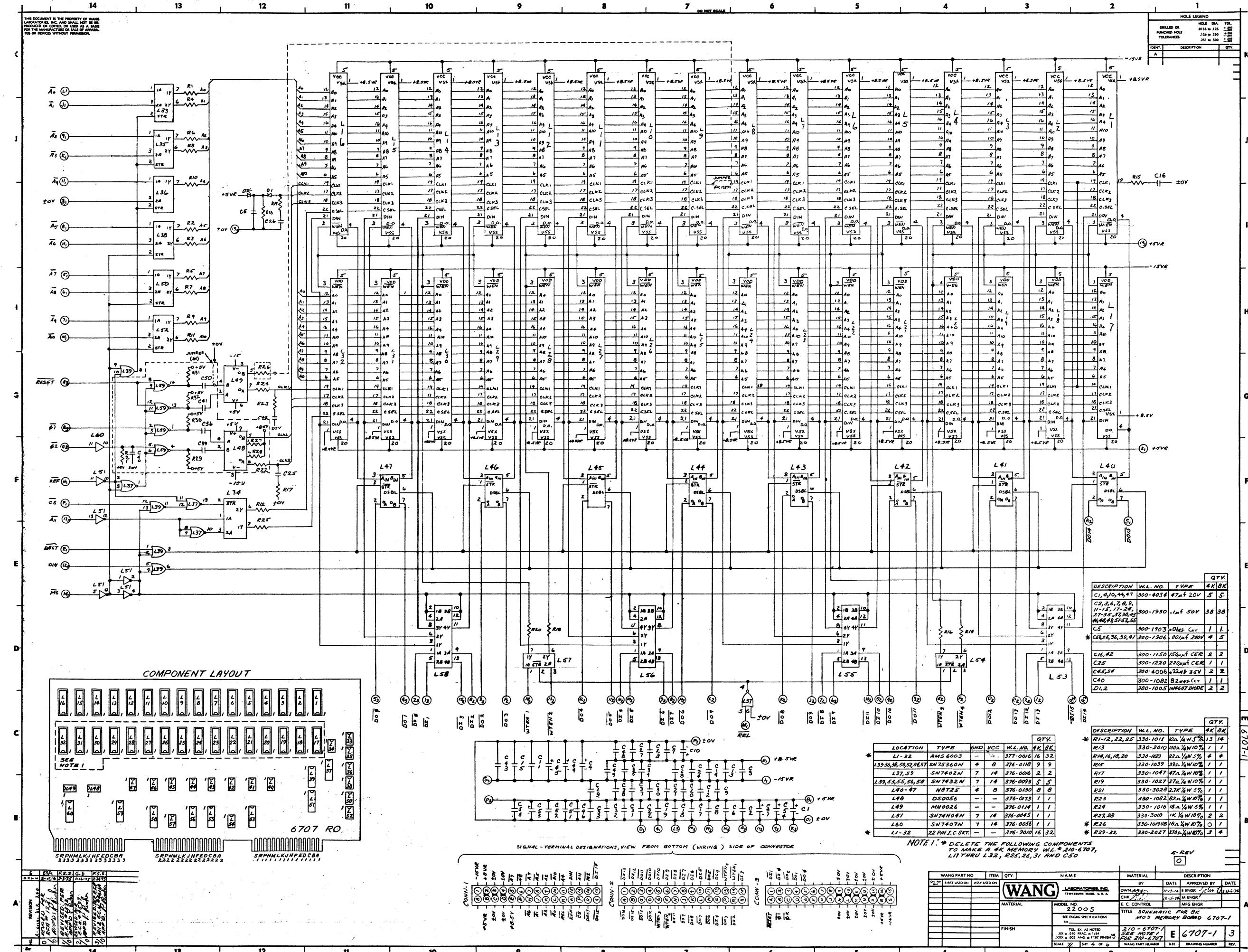
- C** 1. ALL RESISTORS ARE 1/4W UNLESS OTHERWISE SPECIFIED.
2. ALL SWITCHES SHOWN IN UP POSITION.

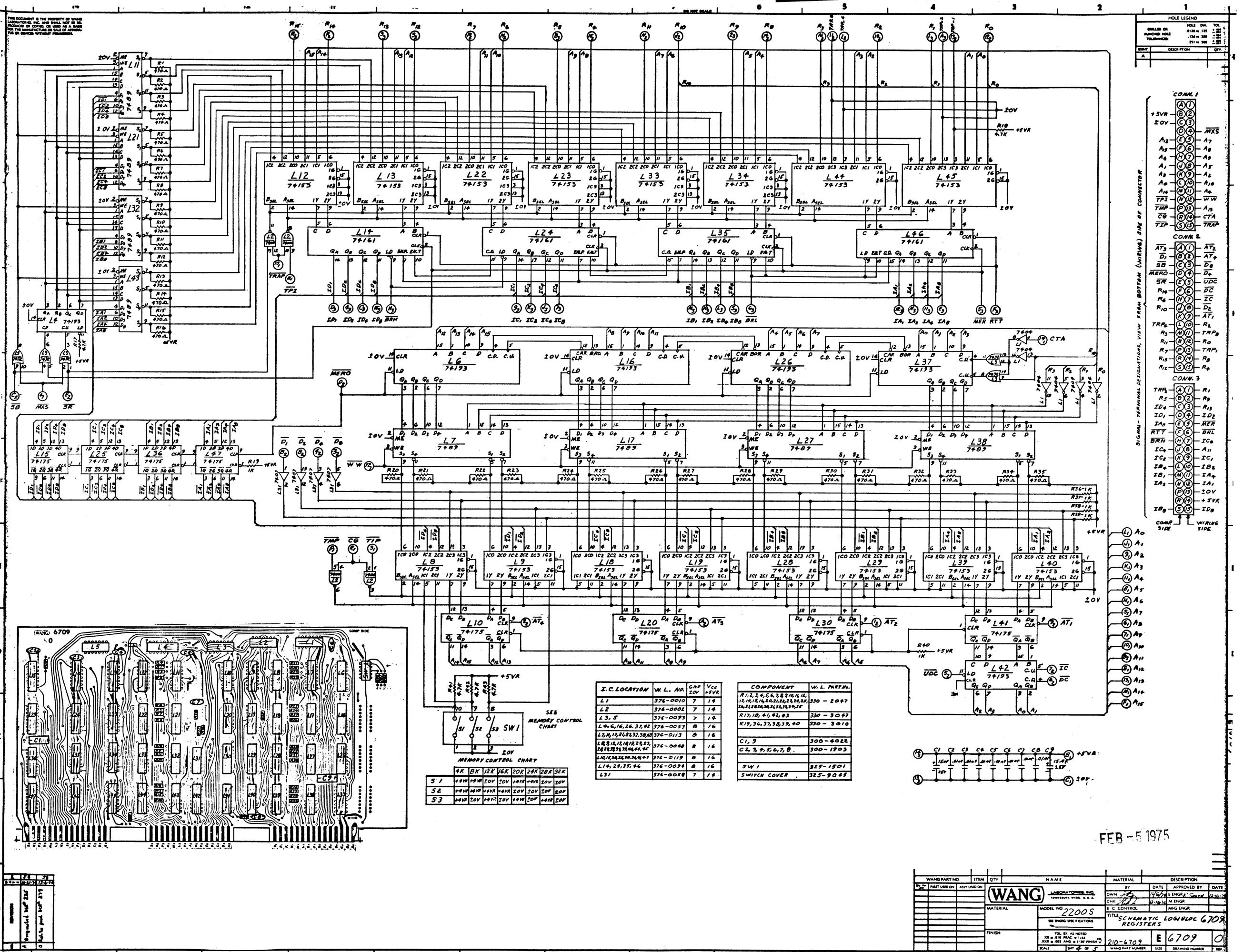
MAY 19 1977

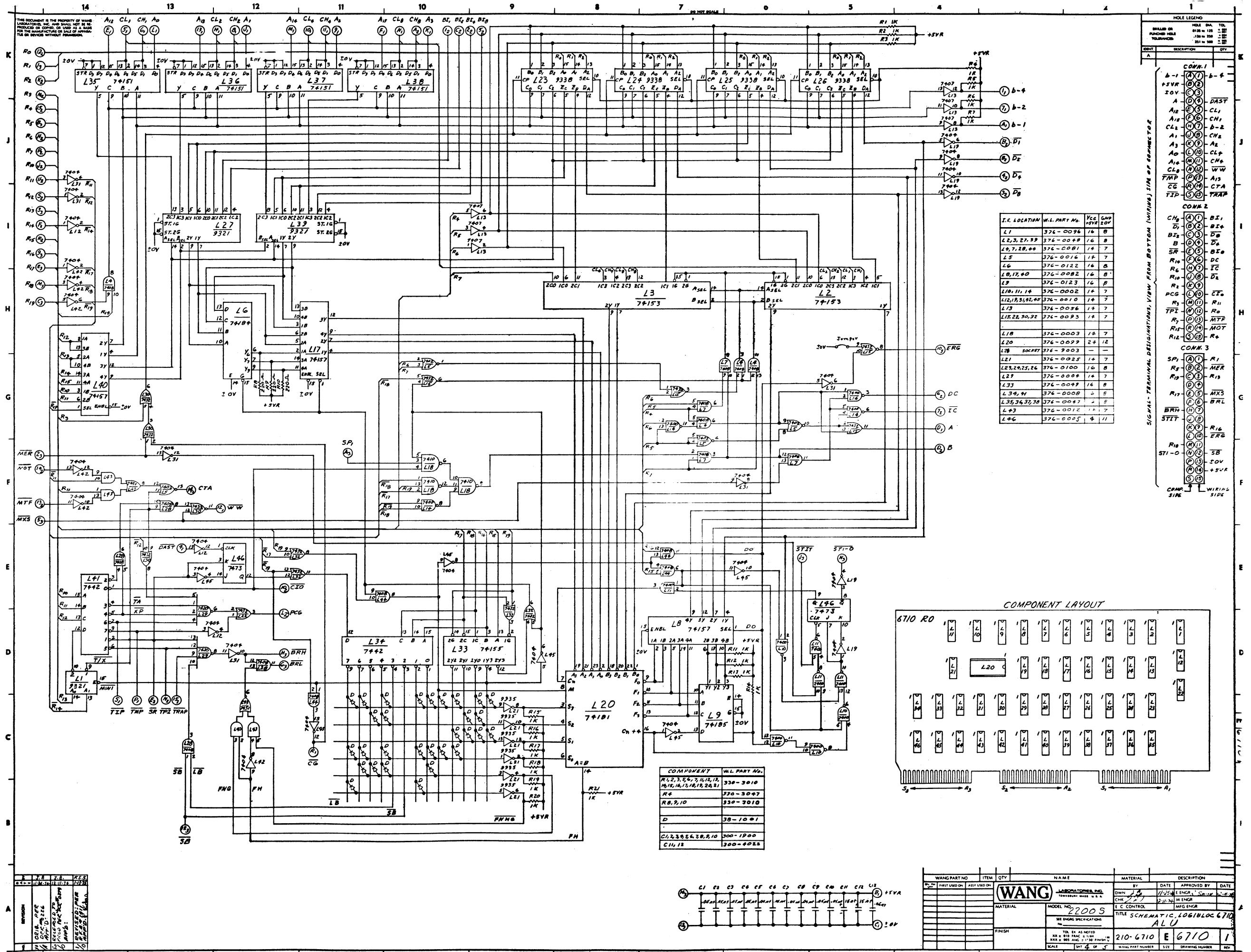
WANG PART NO	ITEM	QTY	NAME		MATERIAL	SECTION	
Qty. per Box	First Used On	Assy Used On				BY	DATE
			WANG		LABORATORIES, INC.	OWN EK	12-20-54
					TEMBURY, MASS. U.S.A.	CHK 0000	12-30-54
					E C CONTROL	PRINTED	12-30-54
					TITLE SCHEMATIC LOGIC BLOCK 6592		
					PARALLEL INPUT		
					2252A		
					SEE ENGRG SPECIFICATIONS		
					No. 2252A		
					TOL. EX AS NOTED		
					XX = .005 INCHES		
					XXX = .005 INCHES		
					FINISH		
					210-6592	E	6592
					SCALE	SHT 4 OF 5	J
					WANG PART NUMBER	SIZE	DRAWING NUMBER
							REV

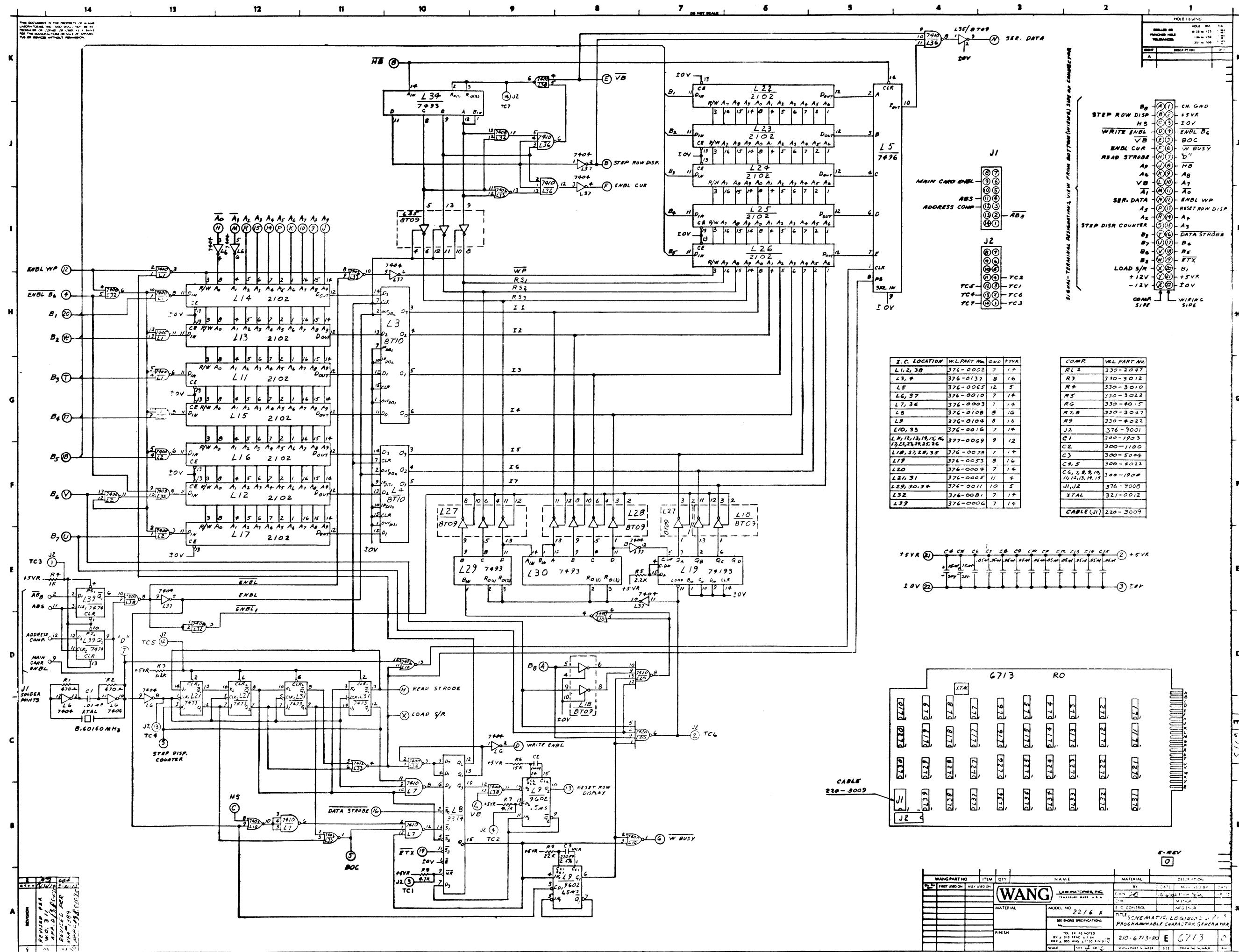
COMPONENT LAYO

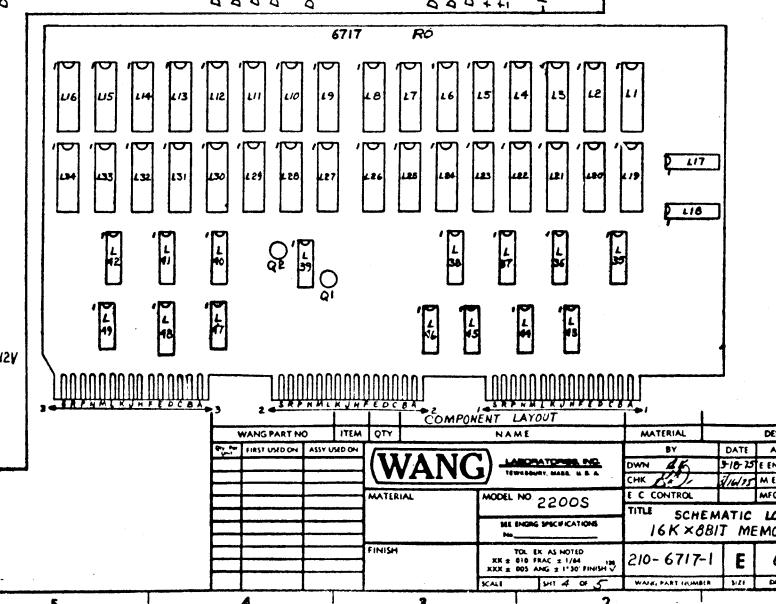
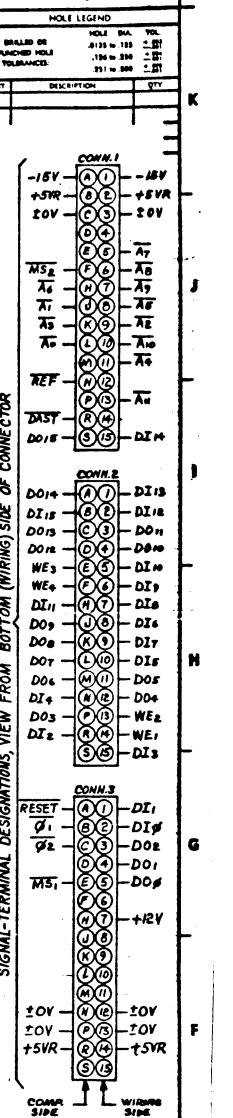
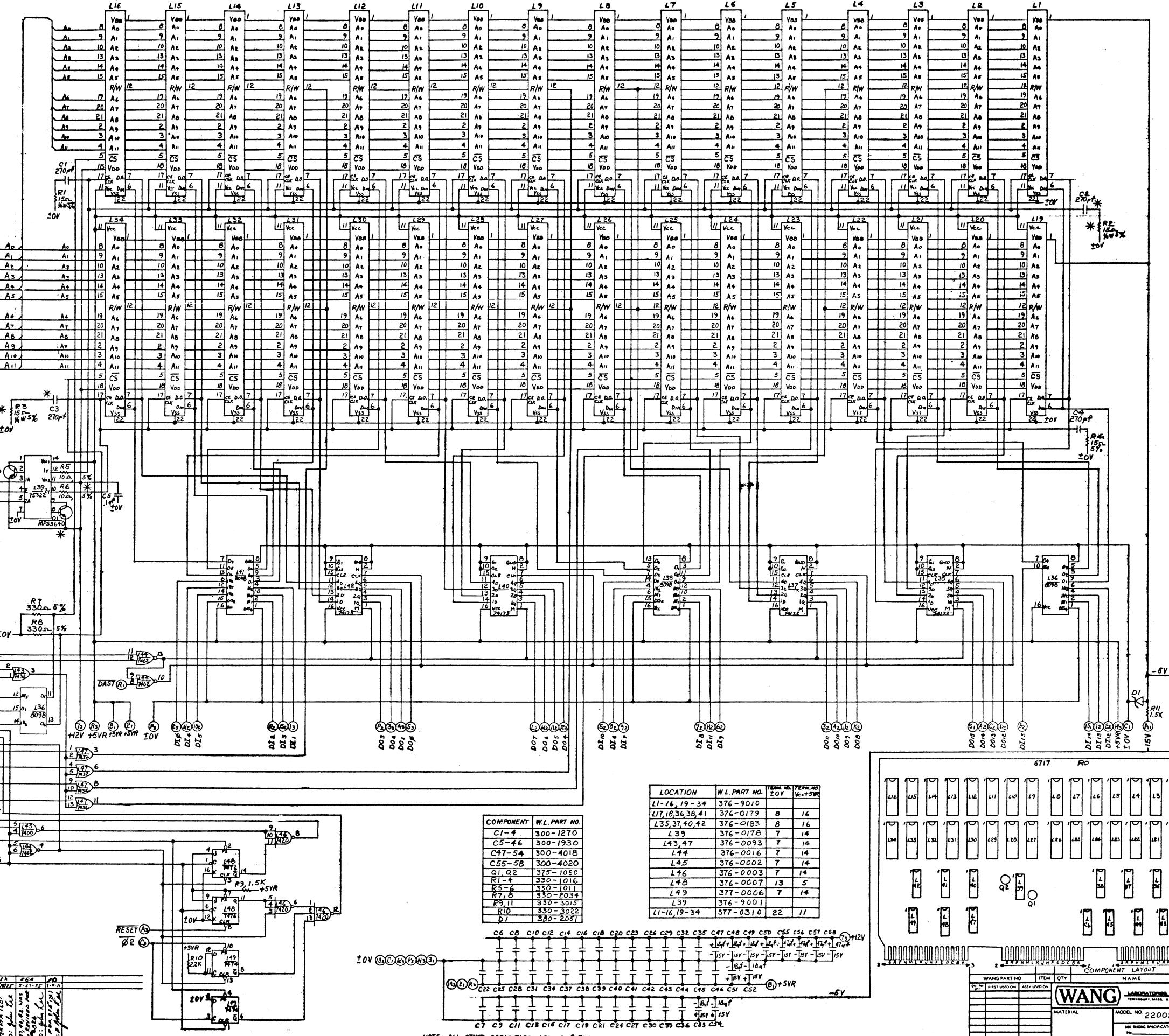
ELEC REV

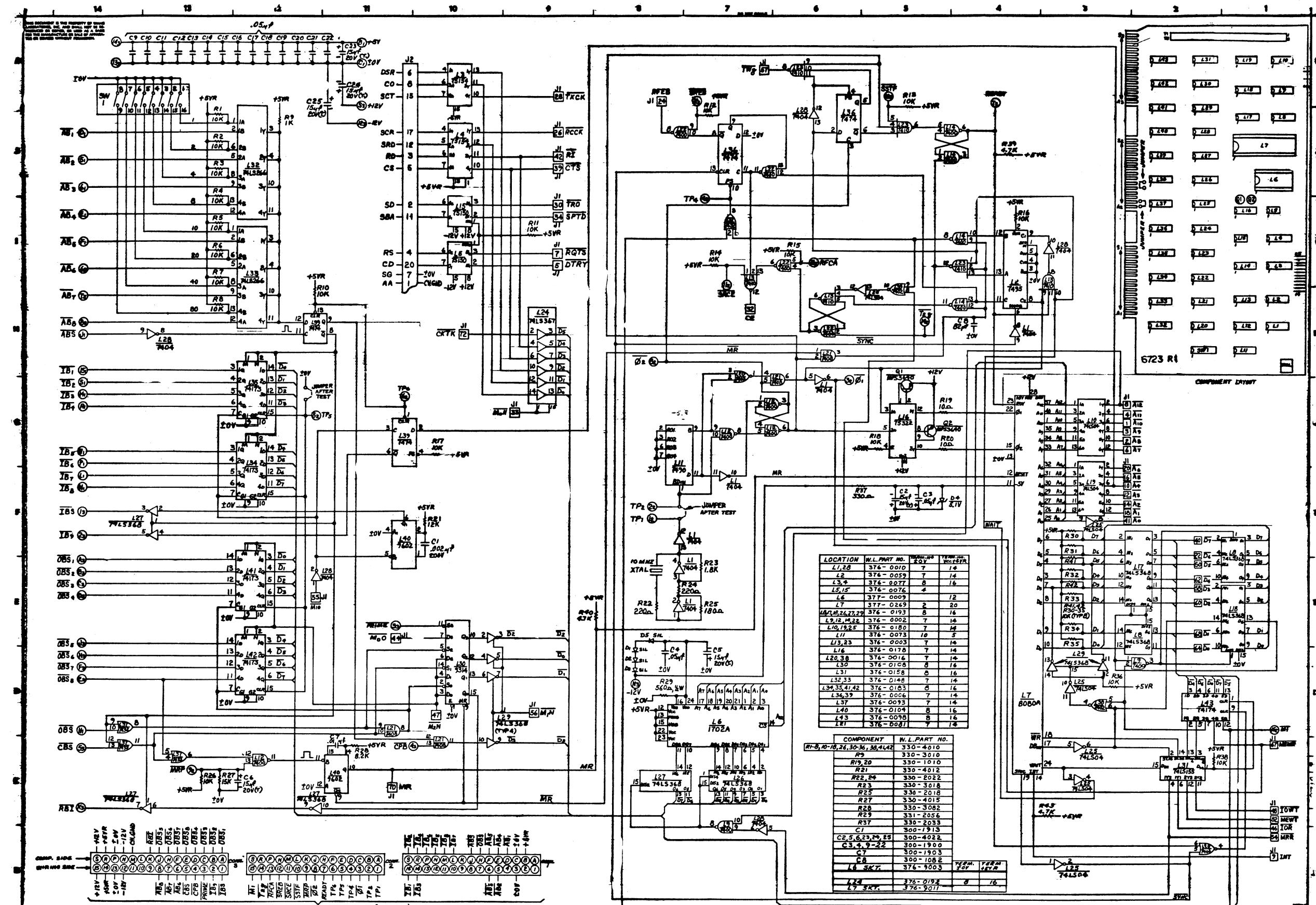






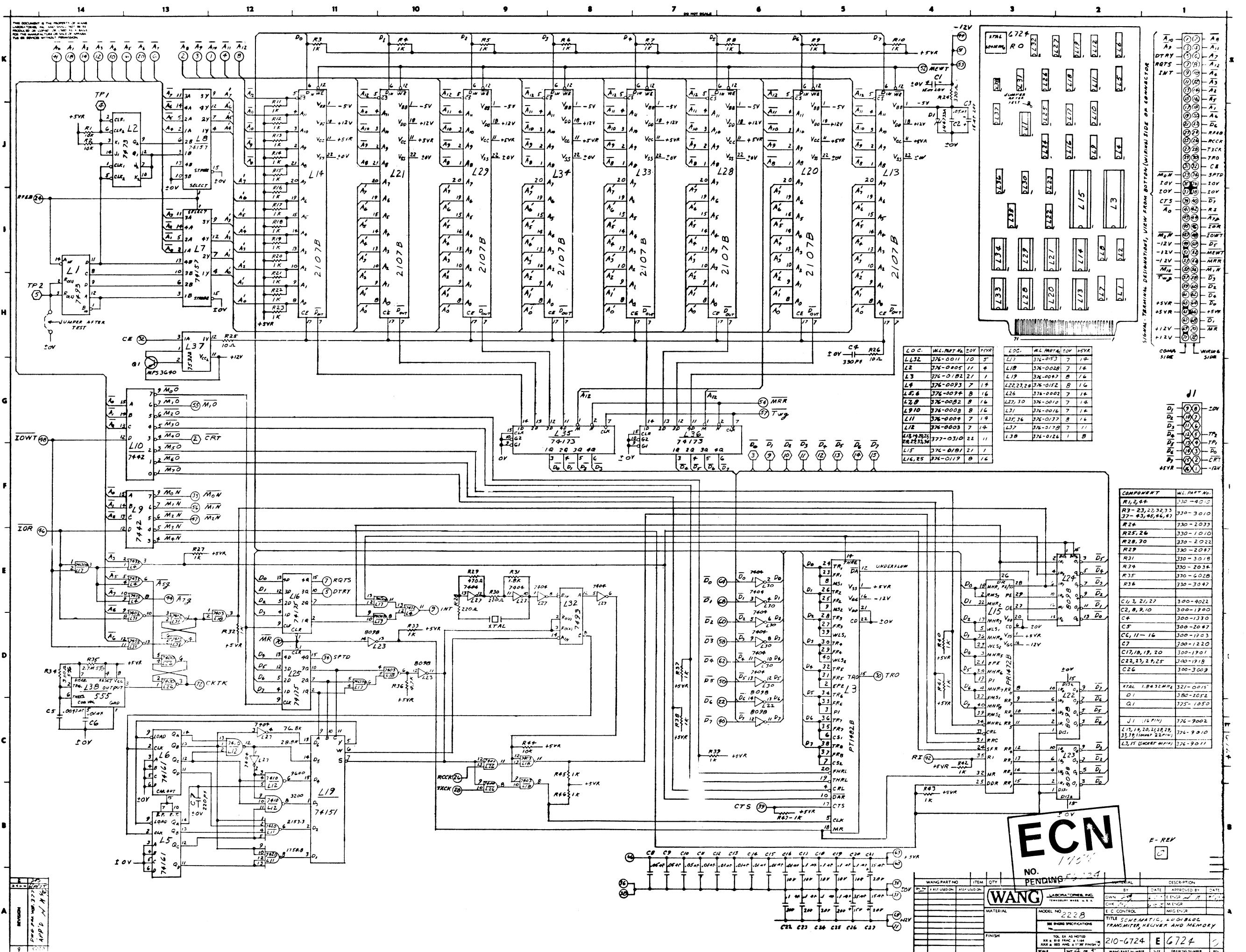




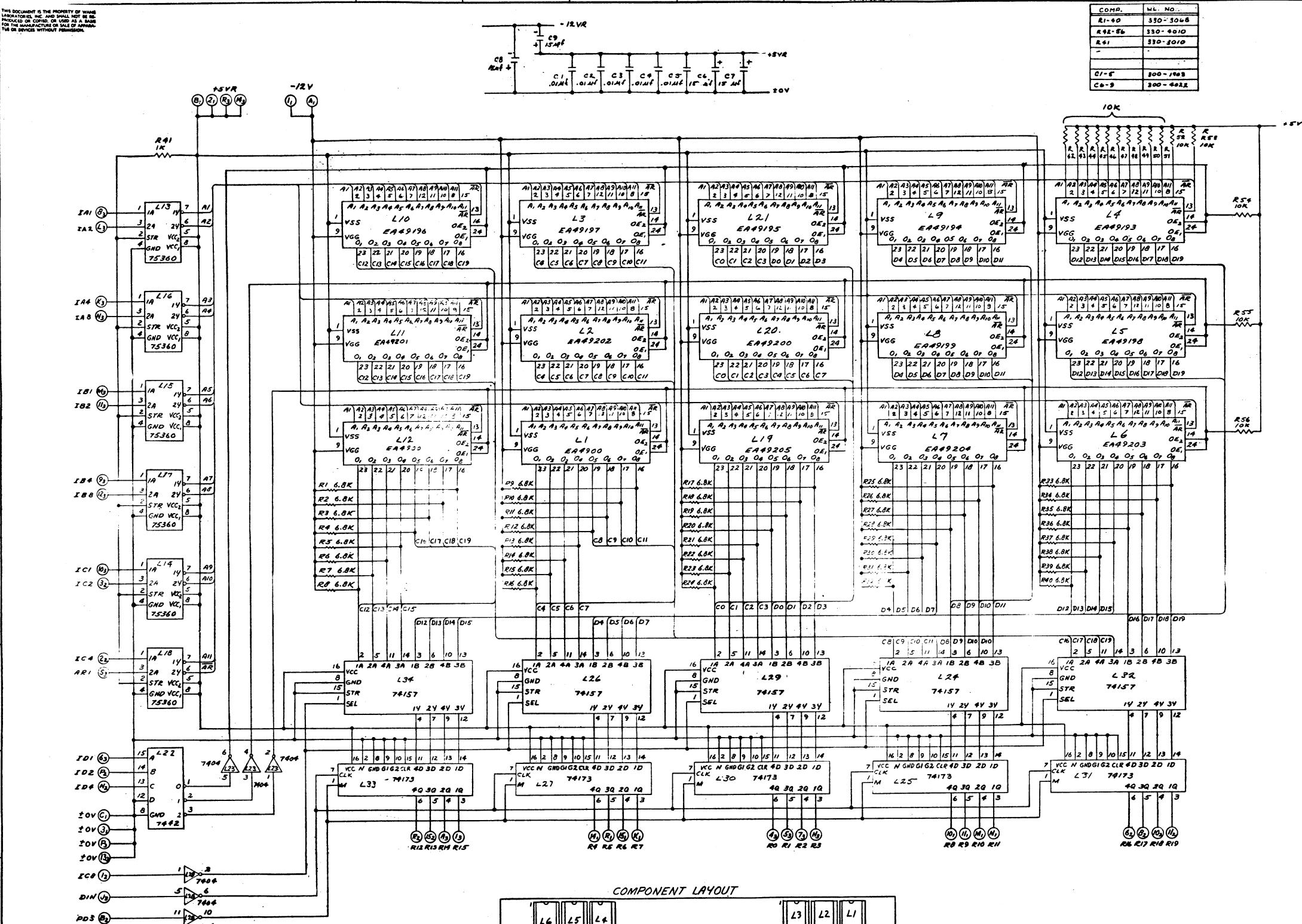


PARTS LIST CONTINUED	
COMPONENT	W.L. PART NO.
J1	350-0029M
D1, 2, 3, 5	380-1001
D4	380-2052
XATL	321-0008
Q1, 2	375-1050
SW1	325-1503
SW1 CAP	325-9047
R29,40,41	330-3047

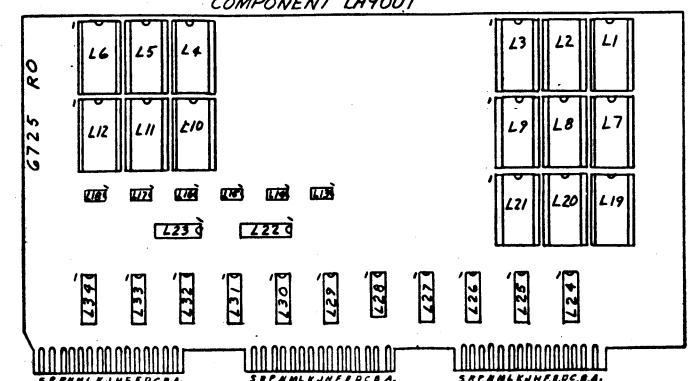
WANG PART NO	ITEM	QTY	NAME	MATERIAL	DESCRIPTION
FIRST USED ON	ABY USED ON		JANUARY 1968 JANUARY, 1968, U.S.A.	BY	DATE APPROVED BY DATE
WANG			DWN 6-2-75 E ENGR 2/2/75	CHK G.D.	6-2-75 M ENGR
MATERIAL		MODEL NO 2228	E C CONTROL	MFG ENGR	
		SHAKER SPECIFICATIONS REVISION NUMBER	SCHEMATIC LOGIC/BLOCK BI SYNC, CPU & INTERFACE CARD		
FINISH		TEL EX-44 HOTEL 201 888 7144 202 888 7145 A.M. 217 7145 P.M.	210-6723	E 6723	8



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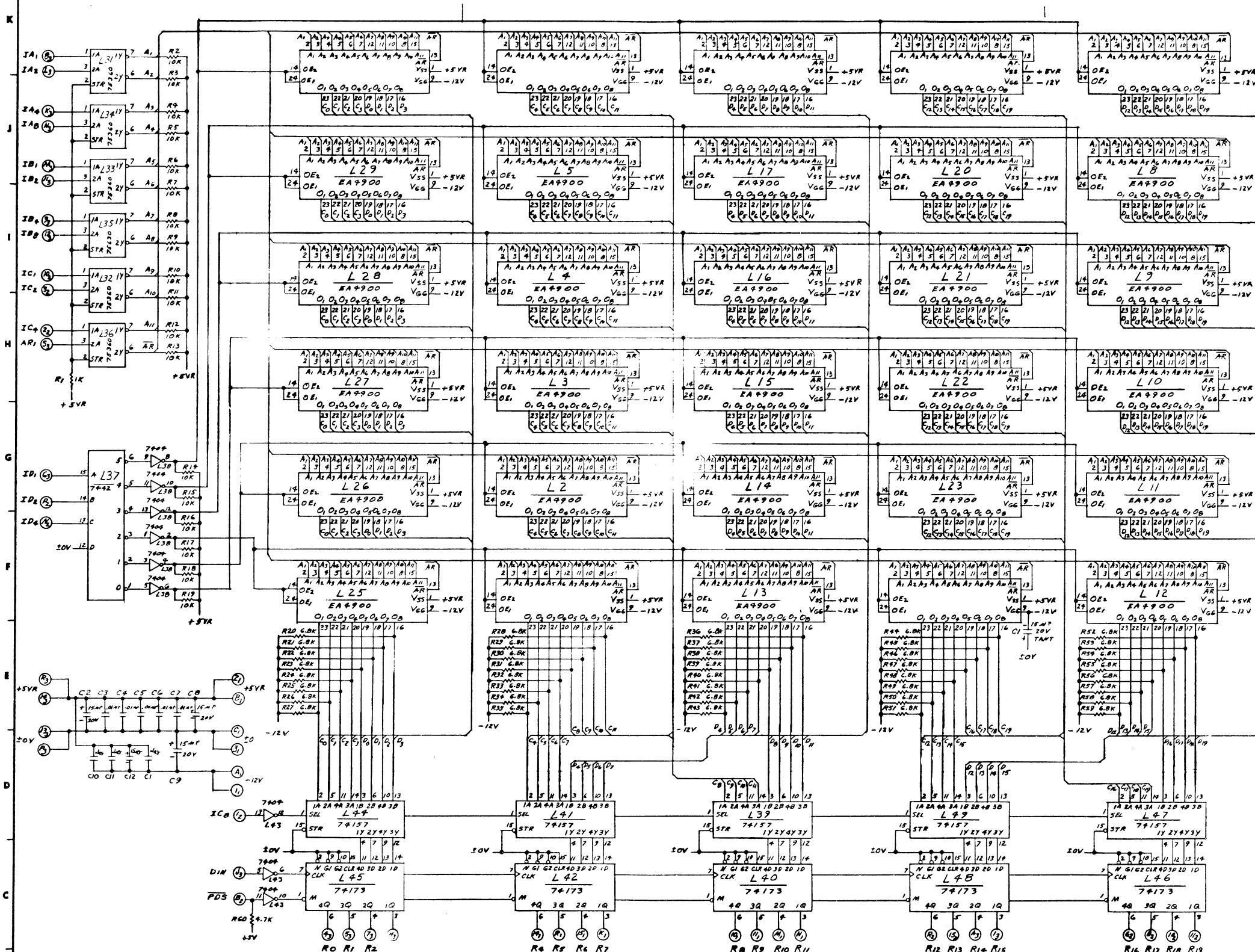
COMPONENT LAYOUT



WANG PART NO	ITEM	QTY	NAME	MATERIAL	DESCRIPTION			
SP. NO.	FIRST USED ON	ASSY USED ON		BY	DATE	APPROVED BY	DATE	
			WANG LABORATORIES, INC. TEMBURY MASS. U.S.A.	DWN	1/1-84	ENGR. C. RUTH	12-6-86	
				CHK	03-7-86	M ENGR		
				E. C. CONTROL		MFG ENGR		
			MODEL NO 22003	TITLE SCHEMATIC FOR 6125 E41900 ROM BOARD				
			SEE ENGR SPECIFICATIONS No _____					
			FINISH	TOL. EN. AT HOLE X .005 IN. MAX. X .005 IN. MIN. X .005 ± .001 ANG. ± 1° 30' FINISH 10	210-6725	E	6725	1
			SCALE 1/4 INCH = 1 FT	WANG PART NUMBER	SIZE	DRAWING NUMBER	REV.	

FEB - 5 1975

LOCATION	W.L. NO.	VCC	GW
L13-18	376-0118	8	4
L23	376-0006	16	8
L6, L6a, 32, 36	376-0082	16	8
L8, L8a, 31, 33	376-0137	16	8
L1	337-0241		
L2	337-0236		
L3	337-0281		
L4	337-0245		
L5	337-0240		
L8	337-0239		
L9	337-0234		
L10	337-0232		
L11	337-0287		
L12	337-0242		
L19	337-0233		
L20	337-0238		
L21	337-0243		
L22, 30	337-0010	14	7
L6, 7			
PC SOCKET	376-9003		

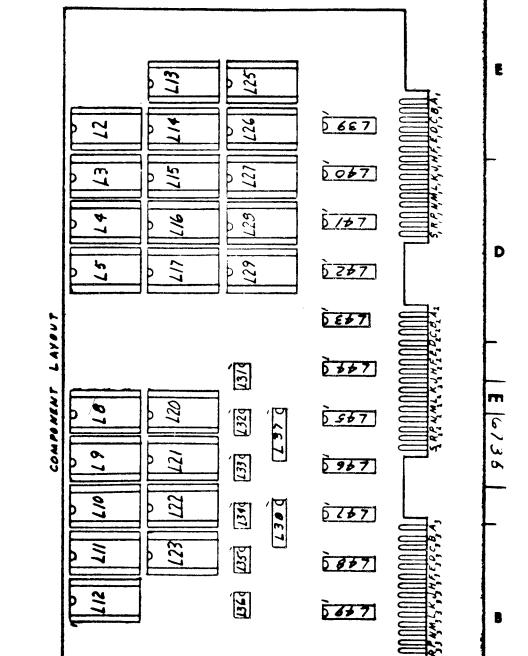


HOLE LEGEND	
HOLE DIA.	1/4"
BLIND HOLE	0.075" X 0.15"
PUNCHED HOLE	0.075" X 0.15"
TELESCOPING	0.075" X 0.15"
STAMPED	0.075" X 0.15"

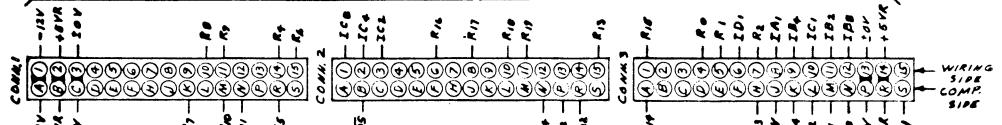
COMPONENT W.L. PART NO	
R1	330-3010
R2 THRU 19	330-4010
R20 THRU 59	330-3068
R60	330-3047
C1, C2, C3	300-9022
C3, C5, C6, C7	300-1903
SOCKET PER CARD	376-9003

LOADING CHART

LOC	22005
L1	
L2	377-0240
L3	377-0235
L4	
L5	
L6	
L7	
L8	
L9	
L10	377-0231
L11	377-0236
L12	377-0241
L13	377-0242
L14	377-0237
L15	377-0232
L16	
L17	
L18	
L19	
L20	
L21	
L22	
L23	377-0239
L24	377-0239
L25	377-0243
L26	377-0238
L27	377-0233
L28	
L29	
L30	

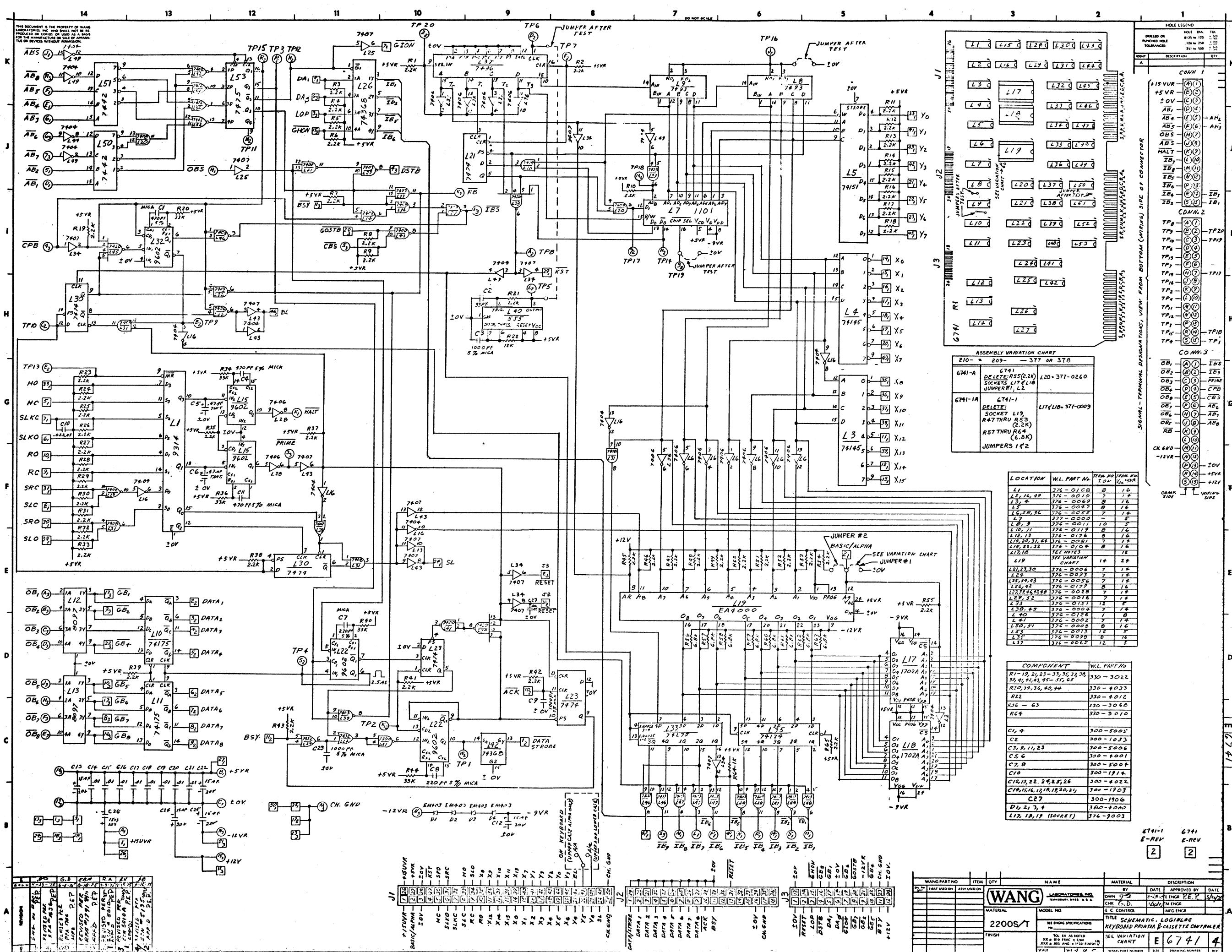


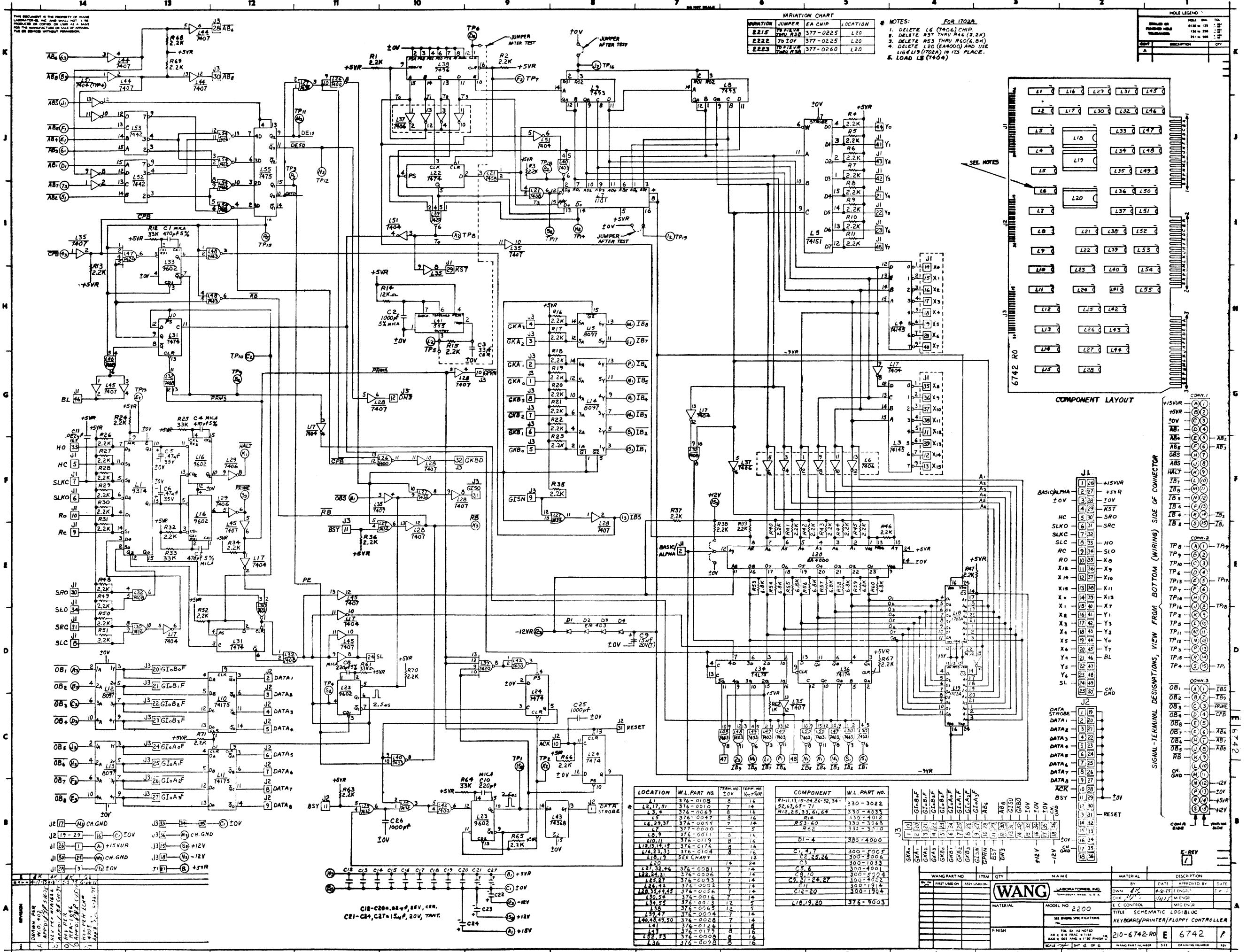
SIGNAL-TERMINAL DESIGNATIONS, VIEW FROM BOTTOM (WIRING) SIDE OF CONNECTOR



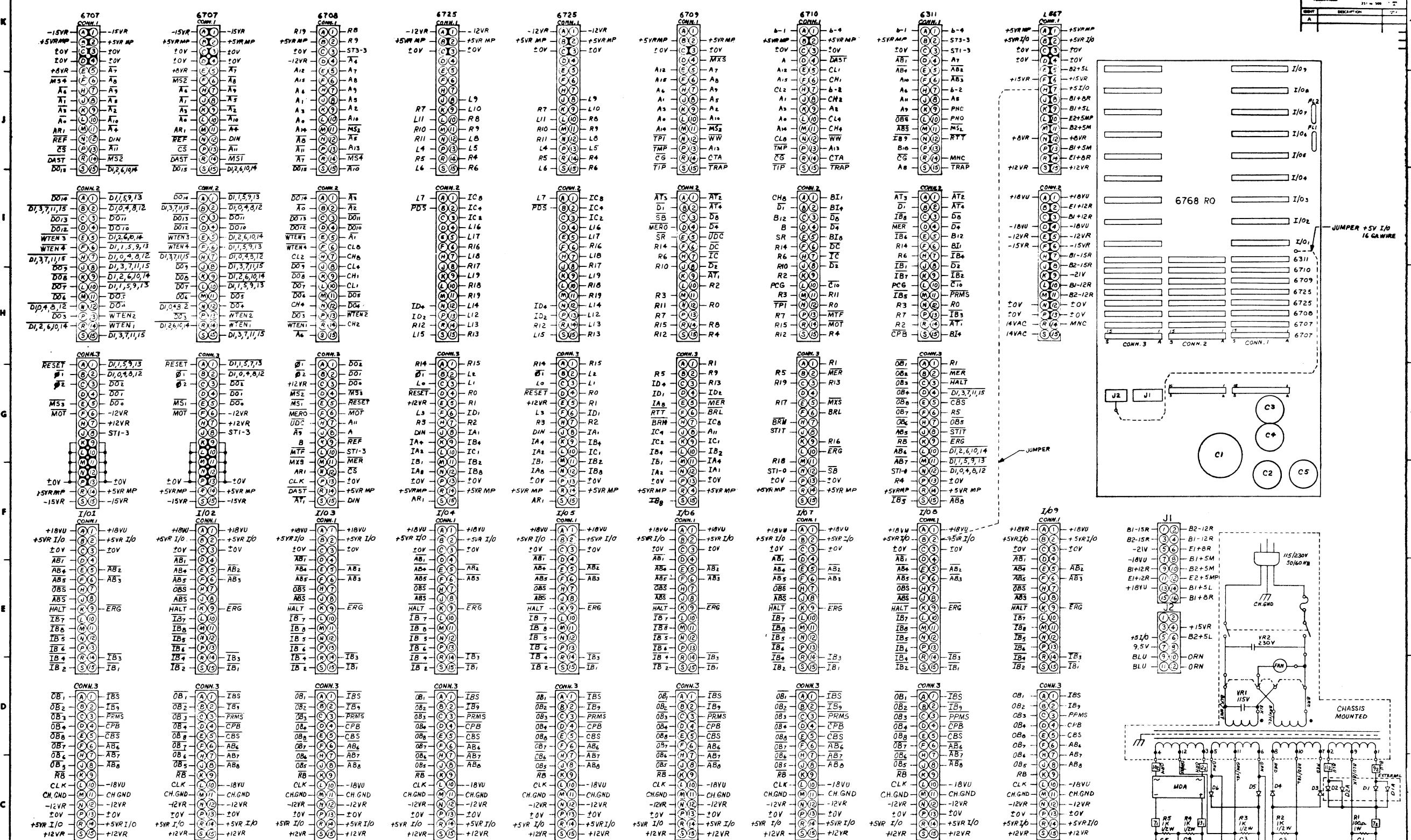
WANG PART NO	ITEM	NAME	MATERIAL	DESCRIPTION
22005	1	ASSEMBLY	BY DATE APPROVED BY DATE	
SEE ENGINEER SPECIFICATIONS				
WANG				
22005	1	LOGIC LOC	WANG CORP INC. 1000 UNIVERSITY DR N.E. MINNEAPOLIS MINN 55417	
SEE ENGINEER SPECIFICATIONS				
FINISH				
TITLE				SCHEMATIC LOGIC LOC 20 BIT ROM MEMORY
XX = 512 X 80 AND Z 1120 FWD				
XX = 512 X 80 AND Z 1120 REV				
SCALE				
14	13	12	11	10

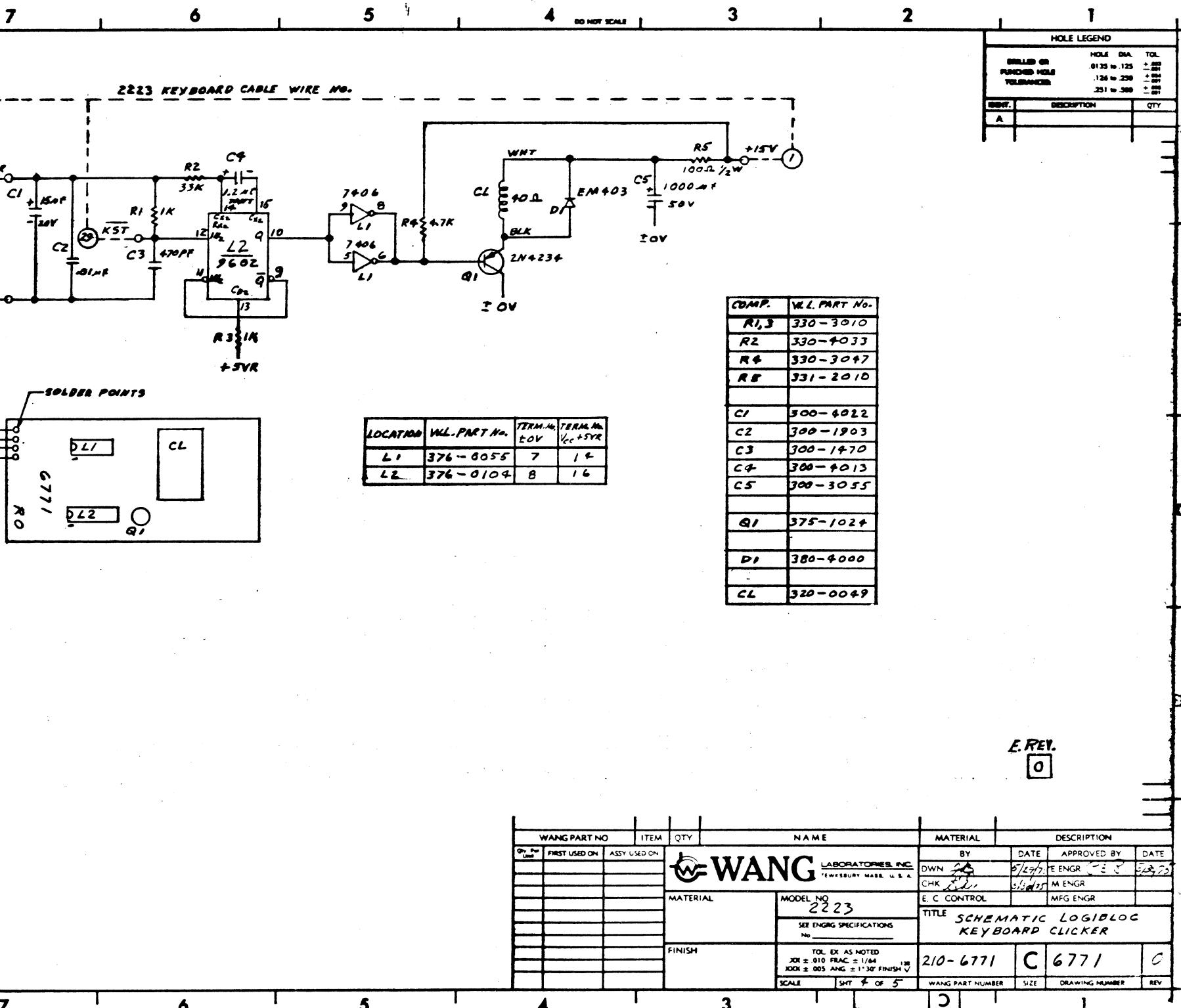
POSITION	REF ID	TYPE	QTY	SIZE
1	1A	IC	1	12X12
2	1B	IC	1	12X12
3	1C	IC	1	12X12
4	1D	IC	1	12X12
5	1E	IC	1	12X12
6	1F	IC	1	12X12
7	1G	IC	1	12X12
8	1H	IC	1	12X12
9	1I	IC	1	12X12
10	1J	IC	1	12X12
11	1K	IC	1	12X12
12	1L	IC	1	12X12
13	1M	IC	1	12X12
14	1N	IC	1	12X12

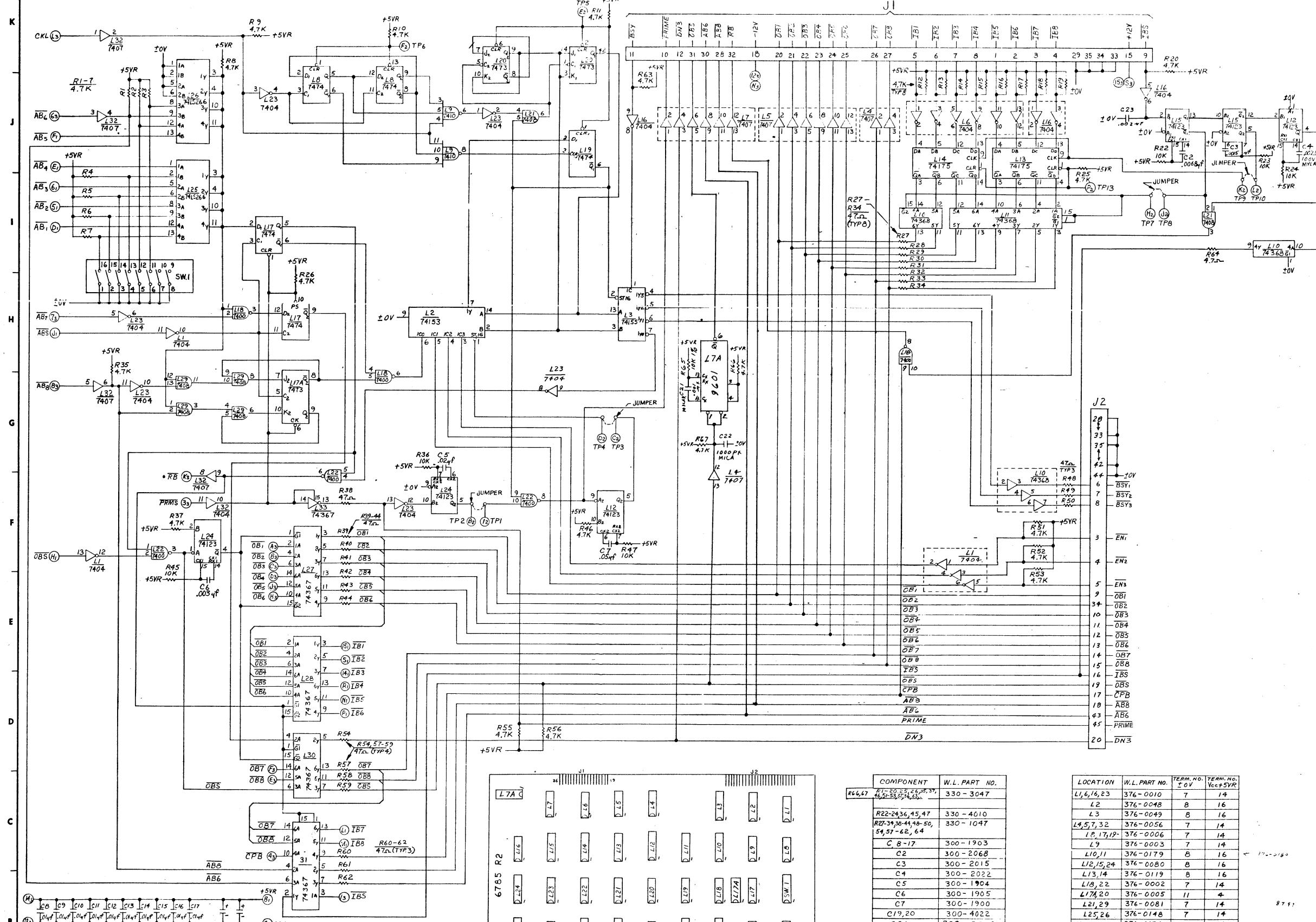




ITEM	REF.	DESCRIPTION
1	ORIG. PAPER DRAWING	APR'D. PAPER DRAWING
2	REBUILD	REBUILD
3	REV'D.	REV'D.
4	APR'D. PAPER DRAWING	APR'D. PAPER DRAWING

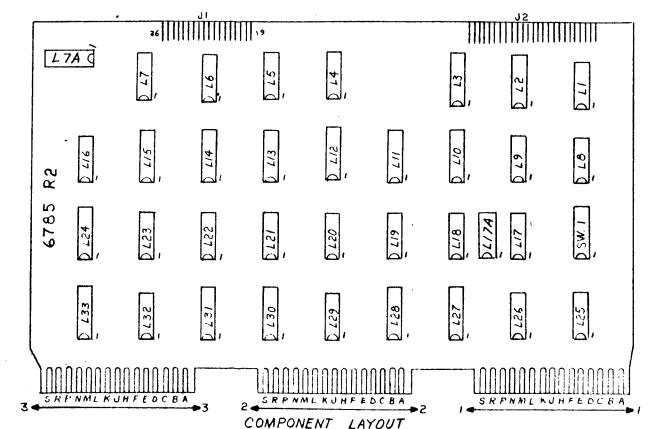






COMPONENT	W.L. PART NO.
R66,67	16-1-20-23,26,35,37 16-21-23,24,25,26,27
L1,16,23	376-0010 7 14
L2	376-0048 8 16
L3	376-0049 8 16
L4,5,7,32	376-0056 7 14
L8,17,19	376-0006 7 14
L9	376-0003 7 14
L10,11	376-0179 8 16
L12,15,24	376-0080 8 16
L13,14	376-0119 8 16
L18,22	376-0002 7 14
L17,20	376-0005 11 4
L21,29	376-0081 7 14
L25,26	376-0148 7 14
L27,28,30,31,33	376-0176 8 16
L7A	376-0086 7 14

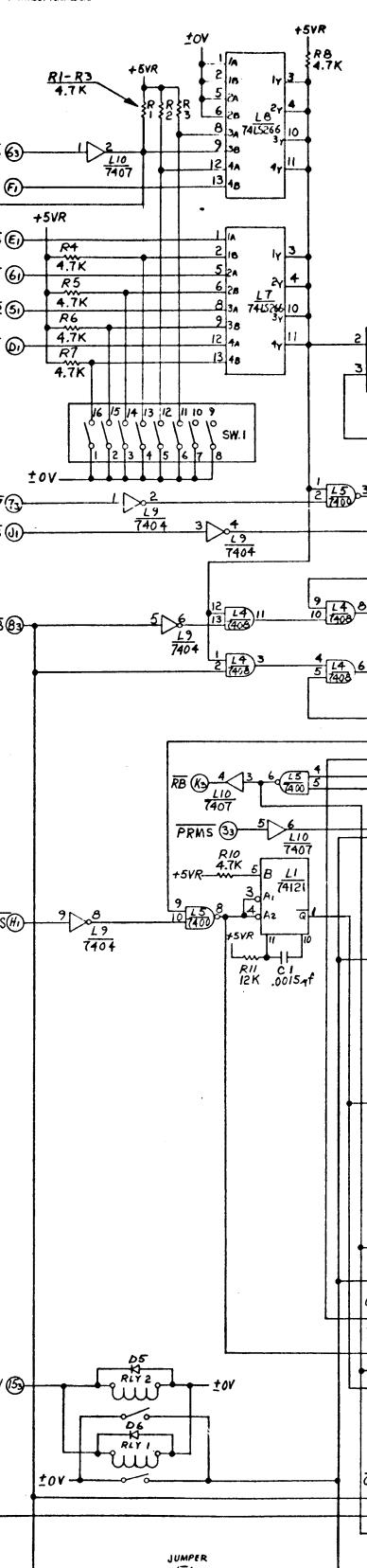
LOCATION	W.L. PART NO.	TERM. NO.	TERM. NO.
L1,16,23	376-0010	7	14
L2	376-0048	8	16
L3	376-0049	8	16
L4,5,7,32	376-0056	7	14
L8,17,19	376-0006	7	14
L9	376-0003	7	14
L10,11	376-0179	8	16
L12,15,24	376-0080	8	16
L13,14	376-0119	8	16
L18,22	376-0002	7	14
L17,20	376-0005	11	4
L21,29	376-0081	7	14
L25,26	376-0148	7	14
L27,28,30,31,33	376-0176	8	16
L7A	376-0086	7	14



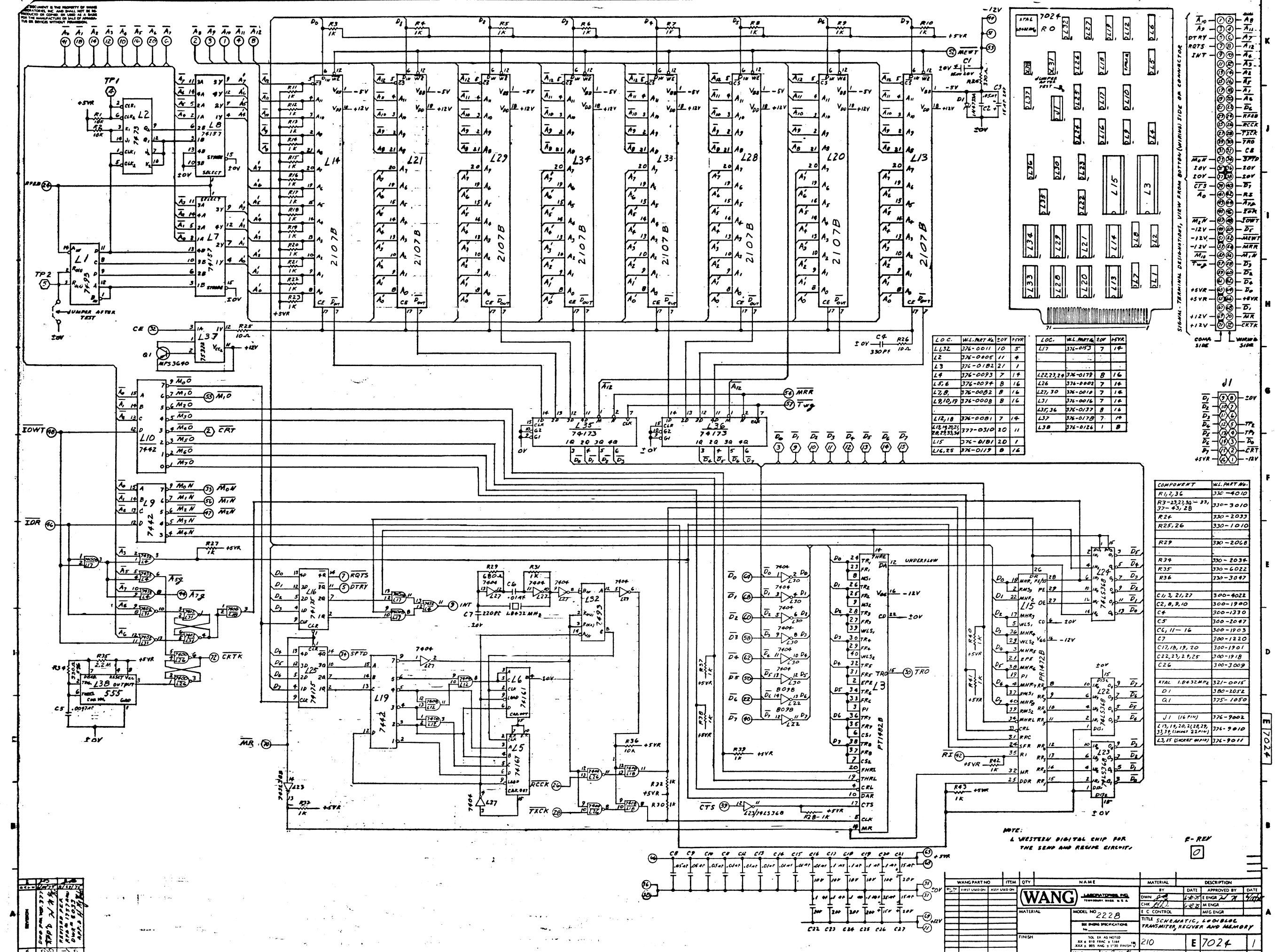
REVISION	4X	PS2	PS3	PS4	PS5
9	ORIGINAL	APPENDIX	APPENDIX	APPENDIX	APPENDIX
10	REVISED FOR	APPENDIX	APPENDIX	APPENDIX	APPENDIX
11	REVISED FOR	APPENDIX	APPENDIX	APPENDIX	APPENDIX
12	REVISED FOR	APPENDIX	APPENDIX	APPENDIX	APPENDIX
13	REVISED FOR	APPENDIX	APPENDIX	APPENDIX	APPENDIX
14	REVISED FOR	APPENDIX	APPENDIX	APPENDIX	APPENDIX

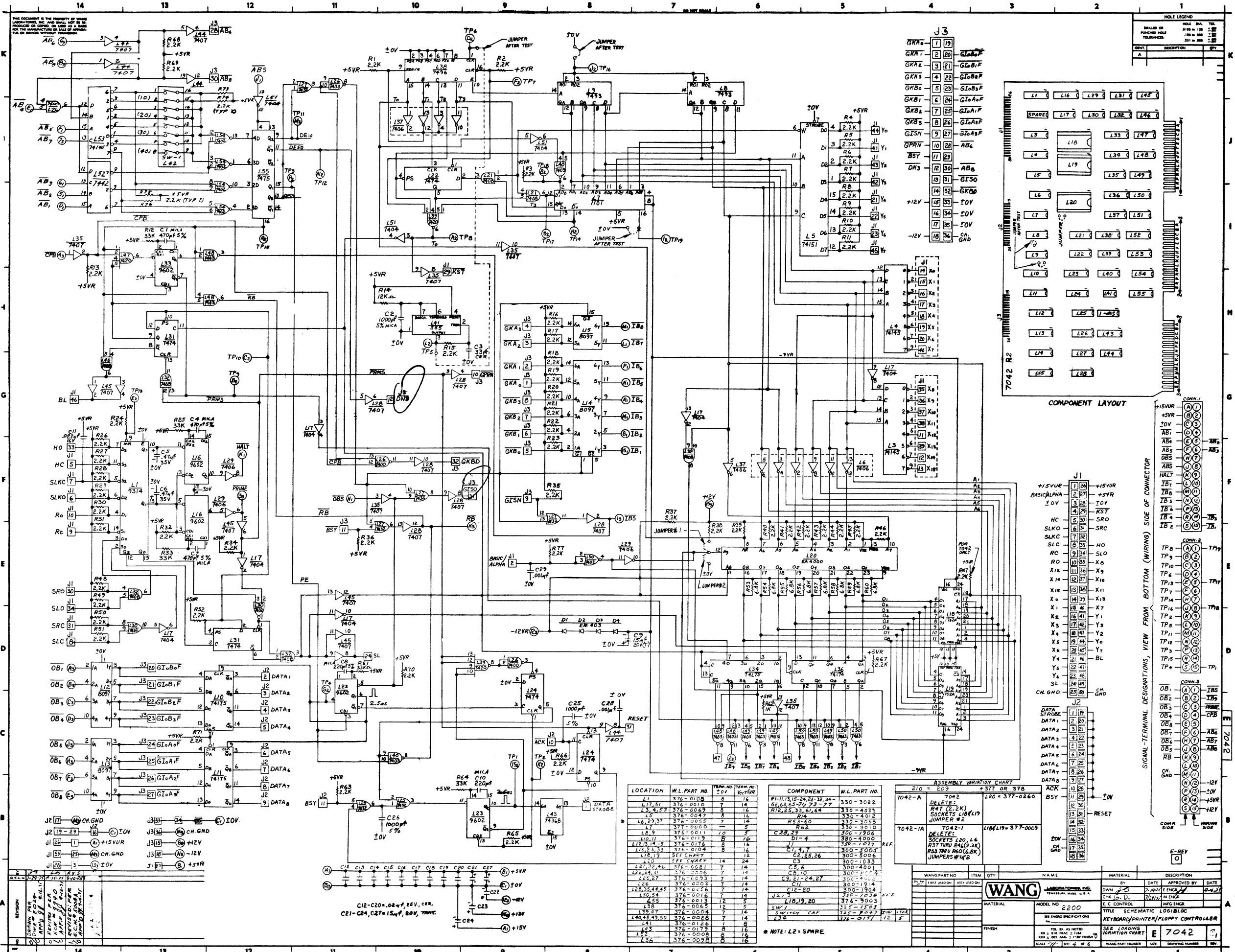
WANG PART NO.	ITEM	QTY	NAME	MATERIAL	DESCRIPTION
2230 MX1			WANG		
DWN	DATE	APPROVED BY			DATE
CHK	DATE	ENGR			DATE
E C CONTROL	DATE	ENGR			
TITLE SCHEMATIC LOGIC BLOCK					
DAISY CHAIN MULTIPLEXER					
SCALE 1:1000 SHT 1 of 5					
WANG PART NUMBER 210-6785 E 6785 REV E					

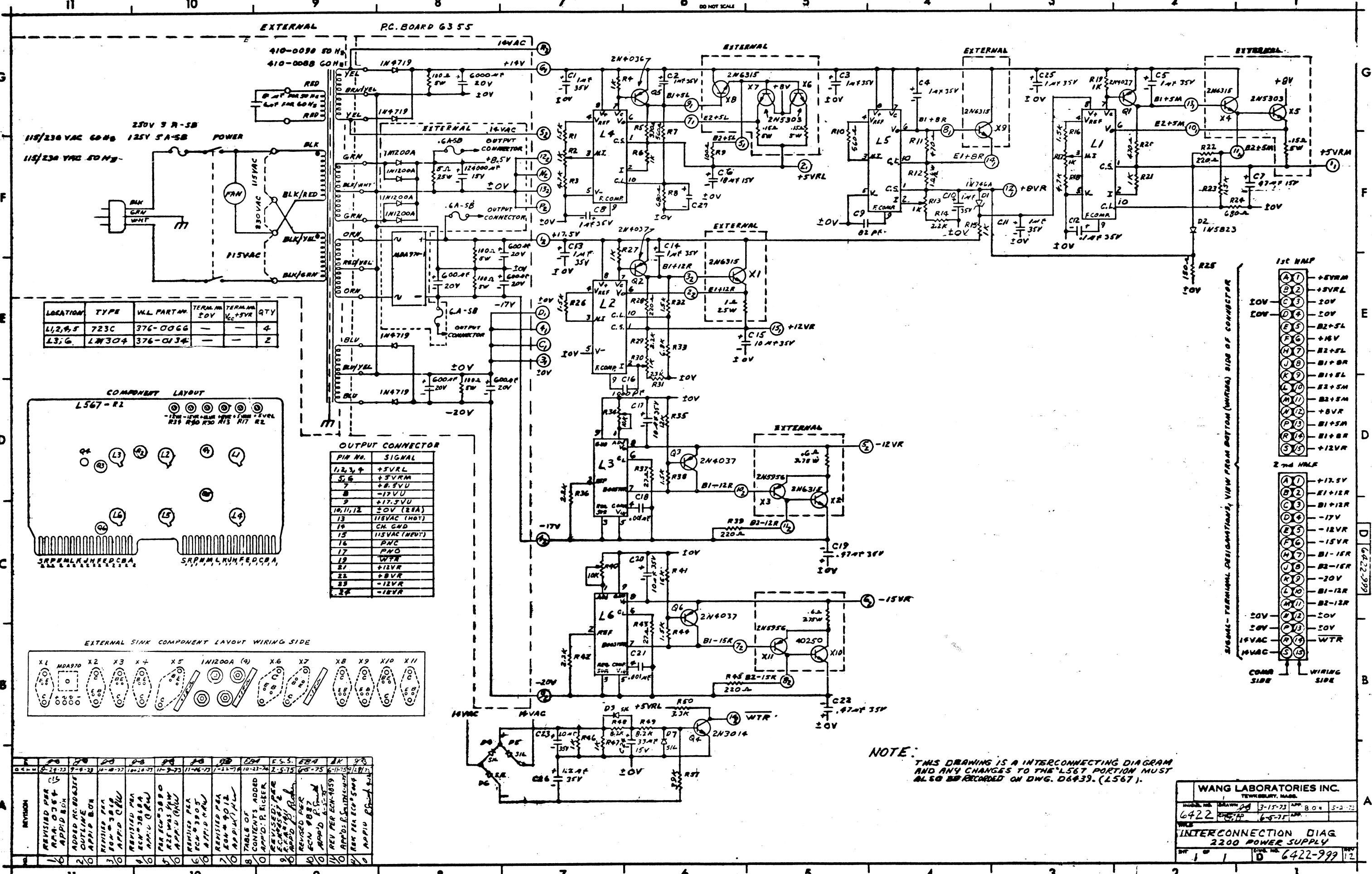
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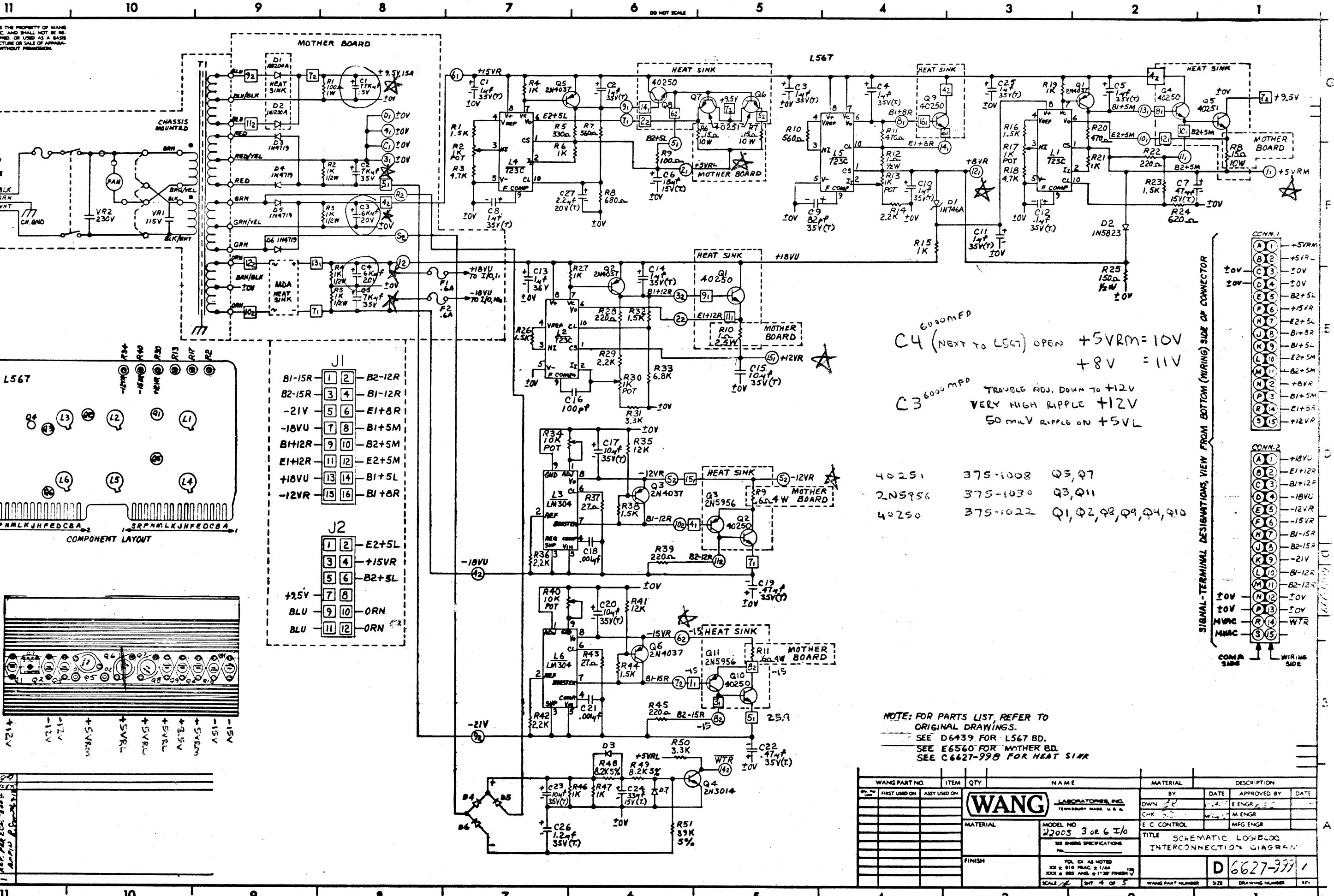
REV	DATE	APPROVED BY	DATE
1	1/19/75	E. ENGR	1/19/75
2	1/19/75	E. ENGR	1/19/75
3	1/19/75	E. ENGR	1/19/75
4	1/19/75	E. ENGR	1/19/75
5	1/19/75	E. ENGR	1/19/75
6	1/19/75	E. ENGR	1/19/75
7	1/19/75	E. ENGR	1/19/75
8	1/19/75	E. ENGR	1/19/75
9	1/19/75	E. ENGR	1/19/75
10	1/19/75	E. ENGR	1/19/75
11	1/19/75	E. ENGR	1/19/75
12	1/19/75	E. ENGR	1/19/75
13	1/19/75	E. ENGR	1/19/75
14	1/19/75	E. ENGR	1/19/75
15	1/19/75	E. ENGR	1/19/75
16	1/19/75	E. ENGR	1/19/75
17	1/19/75	E. ENGR	1/19/75
18	1/19/75	E. ENGR	1/19/75
19	1/19/75	E. ENGR	1/19/75
20	1/19/75	E. ENGR	1/19/75
21	1/19/75	E. ENGR	1/19/75
22	1/19/75	E. ENGR	1/19/75
23	1/19/75	E. ENGR	1/19/75
24	1/19/75	E. ENGR	1/19/75
25	1/19/75	E. ENGR	1/19/75
26	1/19/75	E. ENGR	1/19/75
27	1/19/75	E. ENGR	1/19/75
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33	1/19/75	E. ENGR	1/19/75
34	1/19/75	E. ENGR	1/19/75
35	1/19/75	E. ENGR	1/19/75
36	1/19/75	E. ENGR	1/19/75
37	1/19/75	E. ENGR	1/19/75
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40	1/19/75	E. ENGR	1/19/75
41	1/19/75	E. ENGR	1/19/75
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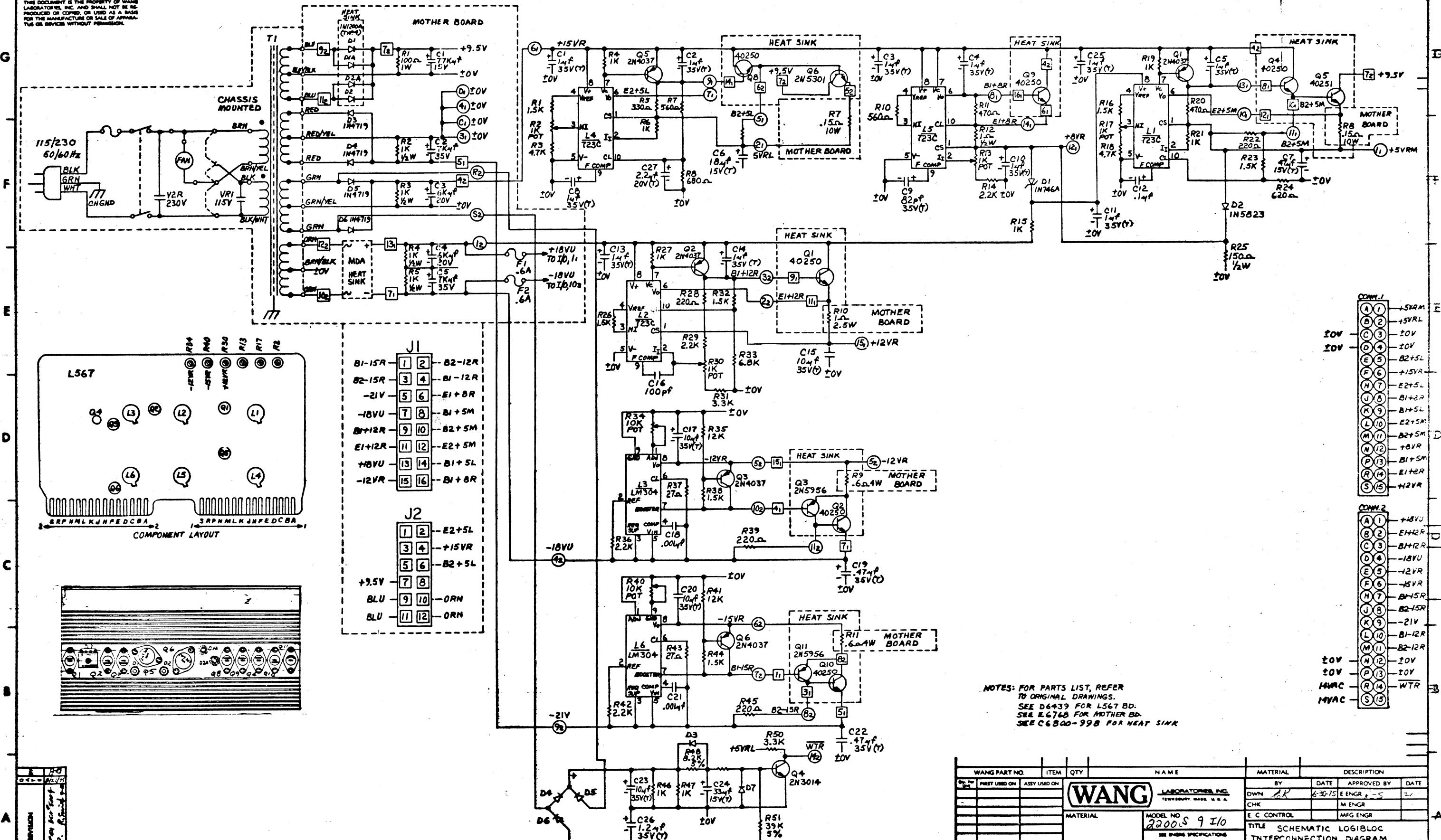




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A	B	C	D	E	F	G
115/230 60/60Hz	BLK GRN WHT	Y2R 230V	VRI 115V	BRN WHT	BRN WHT	CHGND
11	10	9	8	7	6	5
115/230 60/60Hz	BLK GRN WHT	Y2R 230V	VRI 115V	BRN WHT	BRN WHT	CHGND
11	10	9	8	7	6	5

CONN1	+5VRM
A	+5VRL
B	-10V
C	-10V
D	-10V
E	-10V
F	-10V
G	-10V
H	-10V
I	-10V
J	-10V
K	-10V
L	-10V
M	-10V
N	-10V
P	-10V
R	-10V
S	-10V

CONN2	+10VU
A	-10VU
B	-10VU
C	-10VU
D	-10VU
E	-10VU
F	-10VU
G	-10VU
H	-10VU
I	-10VU
J	-10VU
K	-10VU
L	-10VU
M	-10VU
N	-10VU
P	-10VU
R	-10VU
S	-10VU

7 0 5 4 DO NOT SCALE 3 2 1

HOLE LEGEND			
DRILLED OR PUNCHED HOLE	HOLE DIA.	THK	
0.125 = 125	.0625	.025	
1.25 = 250	.500	.125	
25.1 = 500	2.000	.250	
IDENT	DESCRIPTION	QTY	
A			

NOTES:

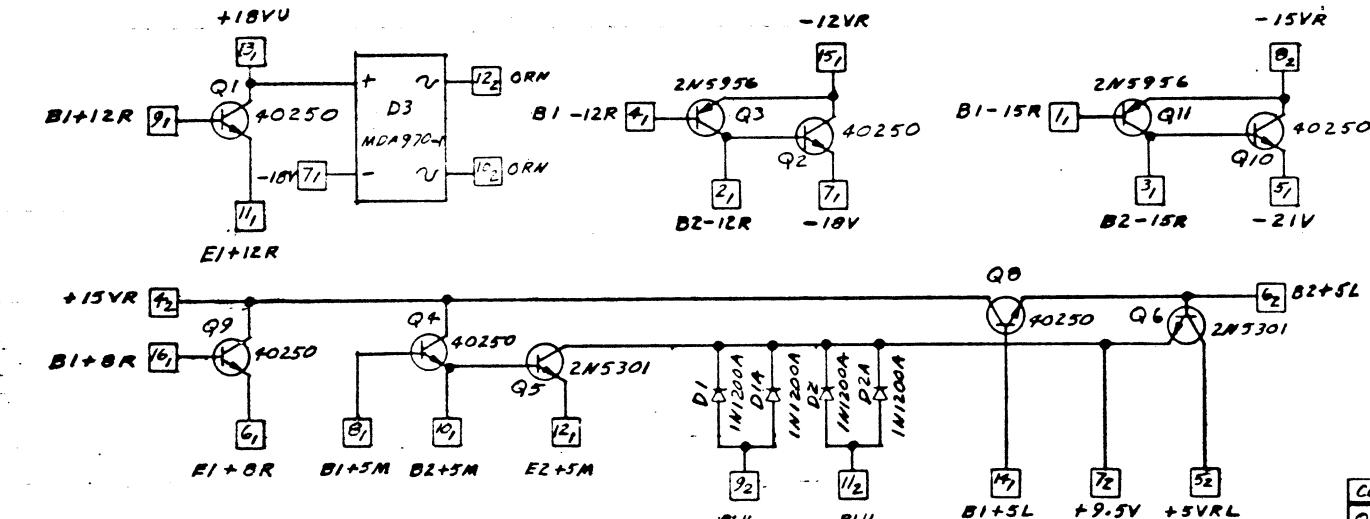
- SEE DNG. D6627-4 FOR MECHANICAL ASSEMBLY
- SEE PL 6627-4 FOR MEC. AND ELECT. PARTS REQUIRED
- SEE DNG. #6560-(610) #D6439 FOR POWER SUPPLY REGULATOR.
- FOR INTERCONNECTION SEE D6627-999

COMPONENT	ALL NO.
Q1, 2, 4, 8, 9, 10	375-1022
Q3, 11	375-1030
Q5, 6, 7	375-1008
D1, 2	380-3000
D3	380-4003

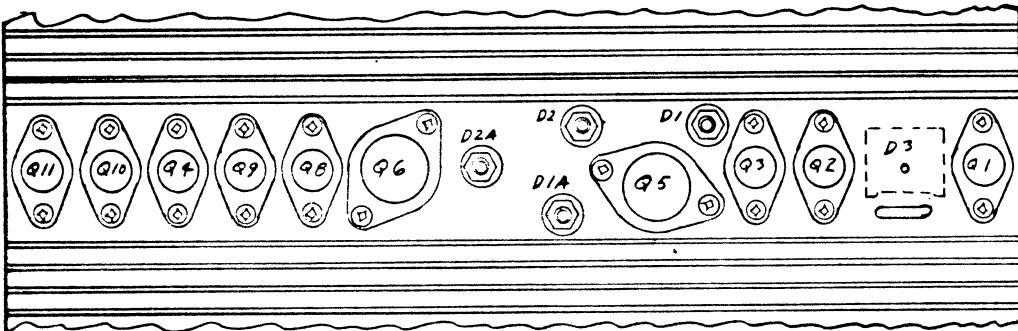
REV	1	REV 12/10/70																																																										
		1	ARMED BY HAND																																																									
REVISION	1	REV 02/02/70																																																										
		1	ARMED BY POWER SOURCE																																																									
2	2	ARMED BY POWER SOURCE																																																										
		1	ARMED BY POWER SOURCE																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">WANG PART NO</th> <th style="width: 15%;">ITEM</th> <th style="width: 15%;">QTY</th> <th style="width: 15%;">NAME</th> <th style="width: 15%;">MATERIAL</th> <th colspan="2">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>Op. No. 1000</td> <td>FIRST USED ON</td> <td>ASSY USED ON</td> <td colspan="2" rowspan="2" style="text-align: center;"> WANG LABORATORIES, INC. WENDESBURG MASS. U.S.A. </td> <td>BY</td> <td>DATE</td> </tr> <tr> <td>PLATE</td> <td>D6627-4</td> <td></td> <td>OWN</td> <td>12/10/70</td> <td>E ENGR. P. RICKER</td> </tr> <tr> <td colspan="2" rowspan="2" style="text-align: center;">MATERIAL</td> <td rowspan="2" style="text-align: center;">MODEL NO.</td> <td colspan="2" rowspan="2" style="text-align: center;">SEE ENGR. SPECIFICATIONS</td> <td>CHK</td> <td>12/10/70</td> </tr> <tr> <td colspan="2" rowspan="2" style="text-align: center;">NO.</td> <td>M ENGR</td> <td></td> </tr> <tr> <td colspan="2" rowspan="2" style="text-align: center;">FINISH</td> <td rowspan="2" style="text-align: center;">TOL. EX AS NOTED</td> <td colspan="2" rowspan="2" style="text-align: center;">XX = .010 INCH ± 1.0%</td> <td>E C CONTROL</td> <td>MFG ENGR</td> </tr> <tr> <td colspan="2" rowspan="2" style="text-align: center;">XXX = .005 ANGS ± 1.0% FINISH</td> <td></td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">SCALE</td> <td>SHT / OF 1</td> <td>276-0256</td> <td>C</td> <td>6627-978</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">1</td> <td></td> <td>WANG PART NUMBER</td> <td>SIZE</td> <td>DRAWING NUMBER</td> <td>REV</td> </tr> </tbody> </table>					WANG PART NO	ITEM	QTY	NAME	MATERIAL	DESCRIPTION		Op. No. 1000	FIRST USED ON	ASSY USED ON	WANG LABORATORIES, INC. WENDESBURG MASS. U.S.A.		BY	DATE	PLATE	D6627-4		OWN	12/10/70	E ENGR. P. RICKER	MATERIAL		MODEL NO.	SEE ENGR. SPECIFICATIONS		CHK	12/10/70	NO.		M ENGR		FINISH		TOL. EX AS NOTED	XX = .010 INCH ± 1.0%		E C CONTROL	MFG ENGR	XXX = .005 ANGS ± 1.0% FINISH				SCALE		SHT / OF 1	276-0256	C	6627-978		1			WANG PART NUMBER	SIZE	DRAWING NUMBER	REV
WANG PART NO	ITEM	QTY	NAME	MATERIAL	DESCRIPTION																																																							
Op. No. 1000	FIRST USED ON	ASSY USED ON	WANG LABORATORIES, INC. WENDESBURG MASS. U.S.A.		BY	DATE																																																						
PLATE	D6627-4				OWN	12/10/70	E ENGR. P. RICKER																																																					
MATERIAL		MODEL NO.	SEE ENGR. SPECIFICATIONS		CHK	12/10/70																																																						
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FINISH		TOL. EX AS NOTED	XX = .010 INCH ± 1.0%				E C CONTROL	MFG ENGR																																																				
					XXX = .005 ANGS ± 1.0% FINISH																																																							
SCALE		SHT / OF 1	276-0256	C			6627-978																																																					
1			WANG PART NUMBER	SIZE	DRAWING NUMBER	REV																																																						

HOLE LEGEND

SHELD OR PUNCHED HOLE		HOLE	DIA.	TOL.
			0.125 ± .012	.005
			0.250 ± .020	.010
			0.500 ± .050	.025
			1.000 ± .100	.050
A				



COMPONENT	W.L. PART NO
Q1,2,4,8,9,10	375-1022
Q3,11	375-1030
Q5,6	375-
D1,D2,D3,D4	380-3000
D3	380-4003



REVISION	0
0	0
0	0
0	0
0	0

0 <--> 8 L975

WANG PART NO		ITEM	QTY	NAME		MATERIAL	DESCRIPTION		
QTY. Per Unit	FIRST USED ON	ASSY USED ON				BY	DATE	APPROVED BY	DATE
						DWN 23	9/4/75	E ENGR R.S.	9/12/75
						CHK		M ENGR	
						E C CONTROL		MFG ENGR	
						MODEL NO	20005 9 I/O	SEE ENGR SPECIFICATIONS	
						FINISH			
						SCALE	SHT OF	WANG PART NUMBER	SIZE
								C 6800-998	REV

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ITEMS OF WANTS NOTES

48 NOT YET

3

5

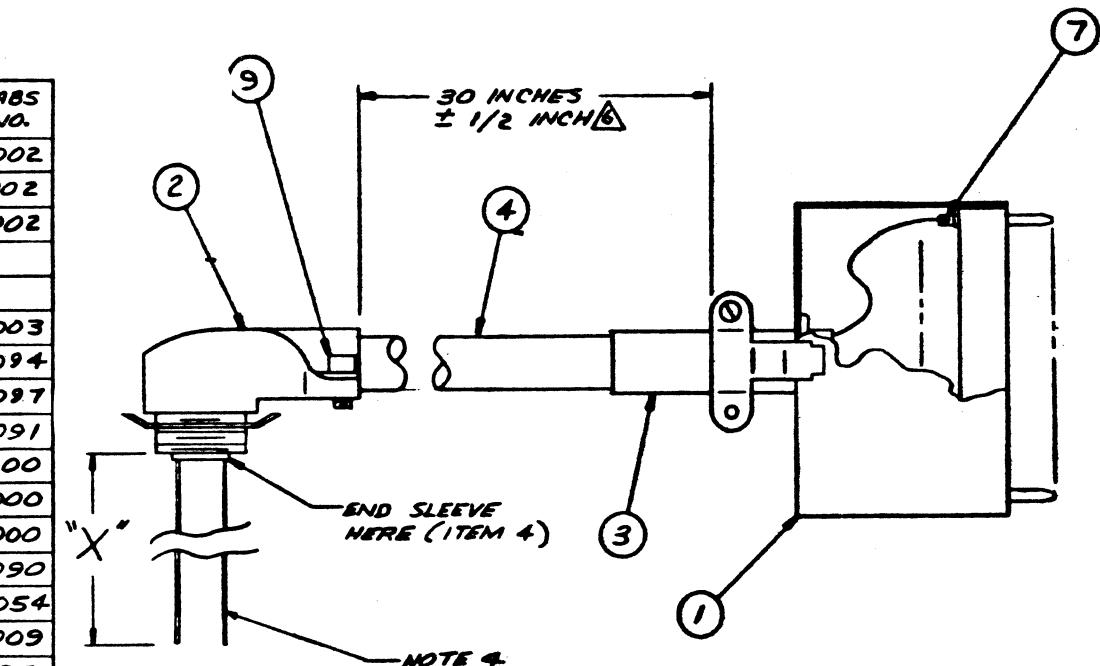
1

E CONNECTOR
WIRING SIDE

12 SEE NOTE

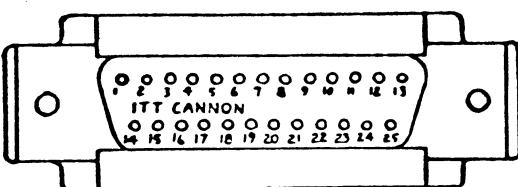
CONN. PIN NO.	GAUGE	COLOR	LENGTH DIM. "X"	P.C. 6322 PIN NO.	SIGNAL NAME	WANG LABS PART NO.
1	16	RED	11 1/2 "	1	+5VRL	600-7002
2	16	RED	12 "	2	+5VRL	600-7002
3	16	RED	12 1/4 "	3	+5VRL	600-7002
4				4		
5				5		
6	16	ORN	8"	6	+5VRM	600-7003
7	18	WHT/YEL	13"	7	+8.5VLU	600-0094
8	18	WHT/VIO	13 3/4 "	8	-17 VLU	600-0097
9	18	WHT/BRN	13 3/4 "	9	+17.5VLU	600-0091
10	16	BLK	8 1/2 "	10	±OV	600-7000
11	16	BLK	9 1/2 "	12	±OV	600-7000
12	16	BLK	10 1/4 "	18	±OV	600-7000
13	18	WHT/BLK	15 1/2 "	13	115VAC	600-0090
14	18	GRN/YEL	2 3/4 "	15	CHG GND	600-0054
15	18	WHT	16 3/4 "	14	AC NEUT.	600-0009
16	24	WHT/GRN	18 3/4 "	9,(6311)	PNC	600-2095
17	24	WHT/YEL	18 3/4 "	10,(6311)	PNO	600-2094
18	—	—	—	—	—	—
19	24	WHT/ORN	18 3/4 "	14,(6311)	WTR	600-2093
20	—	—	—	—	—	—
21	18	BLU	7"	21	+12VRL	600-0006
22	18	BRN	7"	22	+8VRL	600-0001
23	18	WHT/BLU	7"	23	-12VRL	600-0096
24	18	GRY	7 1/2 "	24	-15VRL	600-0008

WIRES #13 AND #15 (115 VAC AND AC NEUT.) ARE TO BE TWISTED PAIR AND SLEEVED WITH ITEM 12.



420-1005	14	1	FAN CORD		18 INCHES LONG
659-9050	13	2	RING TONGUE TERM		46 RED BURNDY
600-9018	12	.75'	BUSS WIRE		#10 GA TINNED
605-1004	11	9	CABLE TIE		TY-RAP
605-0012	10	2.5'	TUBING # 4		
650-4125	9	2	SCR, SOC-CAP 8-32 x 3/8		BLACK OXIDE FINISH
		8			
660-0200	7	AIR	SOLDER		60-40 ALLOY
	6				
	5				
605-0104	4	2875	SLEEVE (1/2" TUBING)		BLACK (3 1/2 INCHES)
350-4105	3	1	# 5 BUSHING (CANNON)		18220-10
654-1237	2	1	90° CONNECTOR (STRAIN RELIEF)		
350-2055	1	1	CONNECTOR (GINCH-JONES)		P-324-CCT

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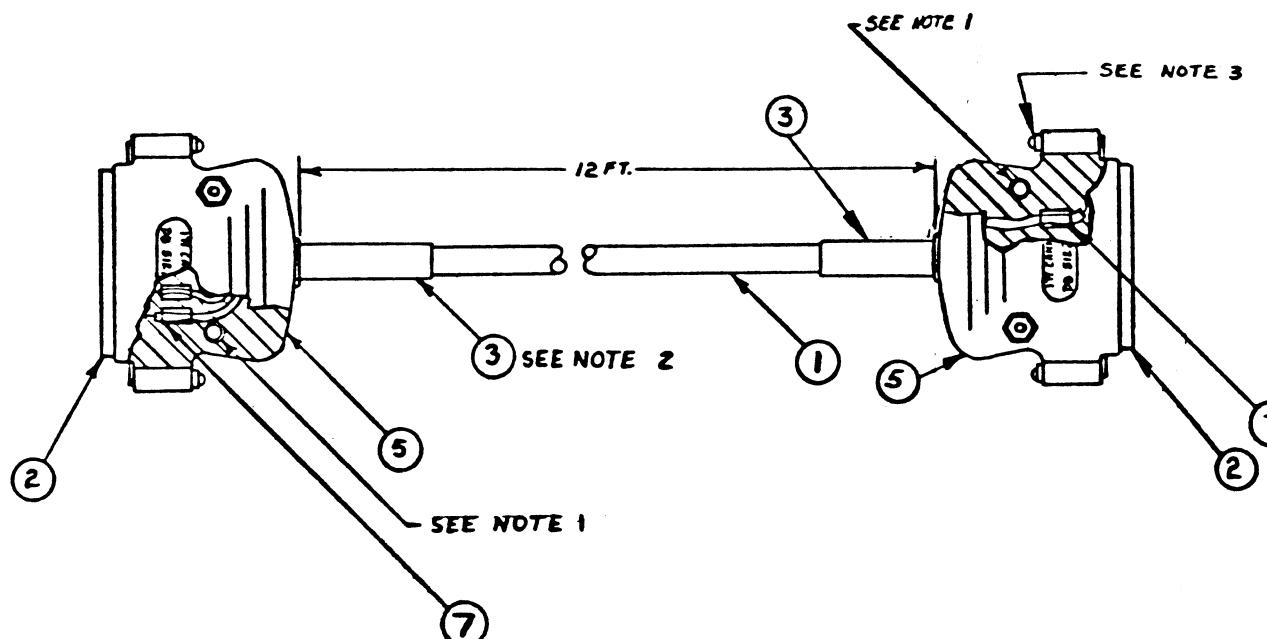
CANNON CONN. PIN NO.	WIRE NO.	CANNON CONN. PIN NO.	SIGNAL NAMES
1	1	1	(AA) PROTECTIVE GND
2	2	2	(BA) TRANSMITTED DATA
3	3	3	(BB) RECEIVED DATA
4	4	4	(CA) REQUEST TO SEND
5	5	5	(CB) CLEAR TO SEND
6	6	6	(CC) DATA SET READY
7	7	7	(AB) SIGNAL GND.
8	8	8	(CF) CARRIER DETECTOR
9	9	9	
10	10	10	
11	11	11	(SA) SUPERVISORY TRANS
12	12	12	(SB) SUPERVISORY REC.
13			
14			
15			
16			
17			
18			
19			
20	13	20	(CD) DATA TERMINAL READY
21			
22	14	22	(CE) RING INDICATOR
23			
24			
25			

- NOTES:
1. STRIP OUTER INSULATION $1\frac{1}{4}$ " STRIP & TIN ALL WIRES $\frac{3}{16}$ "
 2. ASSEMBLE ITEM 3 TO ITEM 1 BEFORE WIRING
 3. HARDWARE SUPPLIED WITH ITEM 5.

HOLE LEGEND

HOLED OR PUNCHED HOLE	HOLE DIA.	TOL.
.0135 to .128	.0135	$\pm .005$
.126 to .250	.126	$\pm .005$
.251 to .500	.251	$\pm .005$

IDENT.	DESCRIPTION	QTY.
A		



605-0002	7	AR	SLEEVE	#15 3/8"
660-0202	6	AR	SOLDER	63/37 ALLOY
350-4215	5	2	CONN. SHELL	CANNON #DB 51226-1
350-4103	3	2	BUSHING #3	CANNON # 18220-6
350-1030	2	2	CONN. 25PIN	ITT CANNON DB 25P
420-0001	1	AR	CABLE	15 CONDUCTOR AWG 26

WANG PART NO.	ITEM	QTY.	NAME	MATERIAL	DESCRIPTION
QTY	FIRST USED ON	ASSY USED ON	WANG LABORATORIES, INC. TEWKSBURY, MASS. U.S.A.		
1	2227		BY DATE APPROVED BY DATE		
			DWN 6K	12-10-73	E ENGR 12-11-73
			CHK		M ENGR
			E C CONTROL		MFG ENGR
MATERIAL SEE LIST			MODEL NO 2200 T.C.		
SEE ENGRG SPECIFICATIONS No ES-1001			TITLE MODEM CABLE FOR BELL 100 & 200 SERIES MODEMS OR EQUIVALENT		
FINISH			TOL. EX. AS NOTED JXX $\pm .010$ FRAC. $\pm 1/64$ XXX $\pm .005$ ANG. $\pm 1^{\circ}30'$ FINISH $\frac{1}{16}$		
SCALE N.J.S.	SHT	1 OF 1	220-0113	C	6482-5 2
			WANG PART NUMBER	SIZE	DRAWING NUMBER REV

REVISION	REV. PER PHOTOCOPY	DATE	2	2	2
1	REV. PERRIN 72	2-13-74	2	2	2
2	REvised DPER	2-22-74			
3	RFA. N. 0876				
4	JRB 4-17-74				

