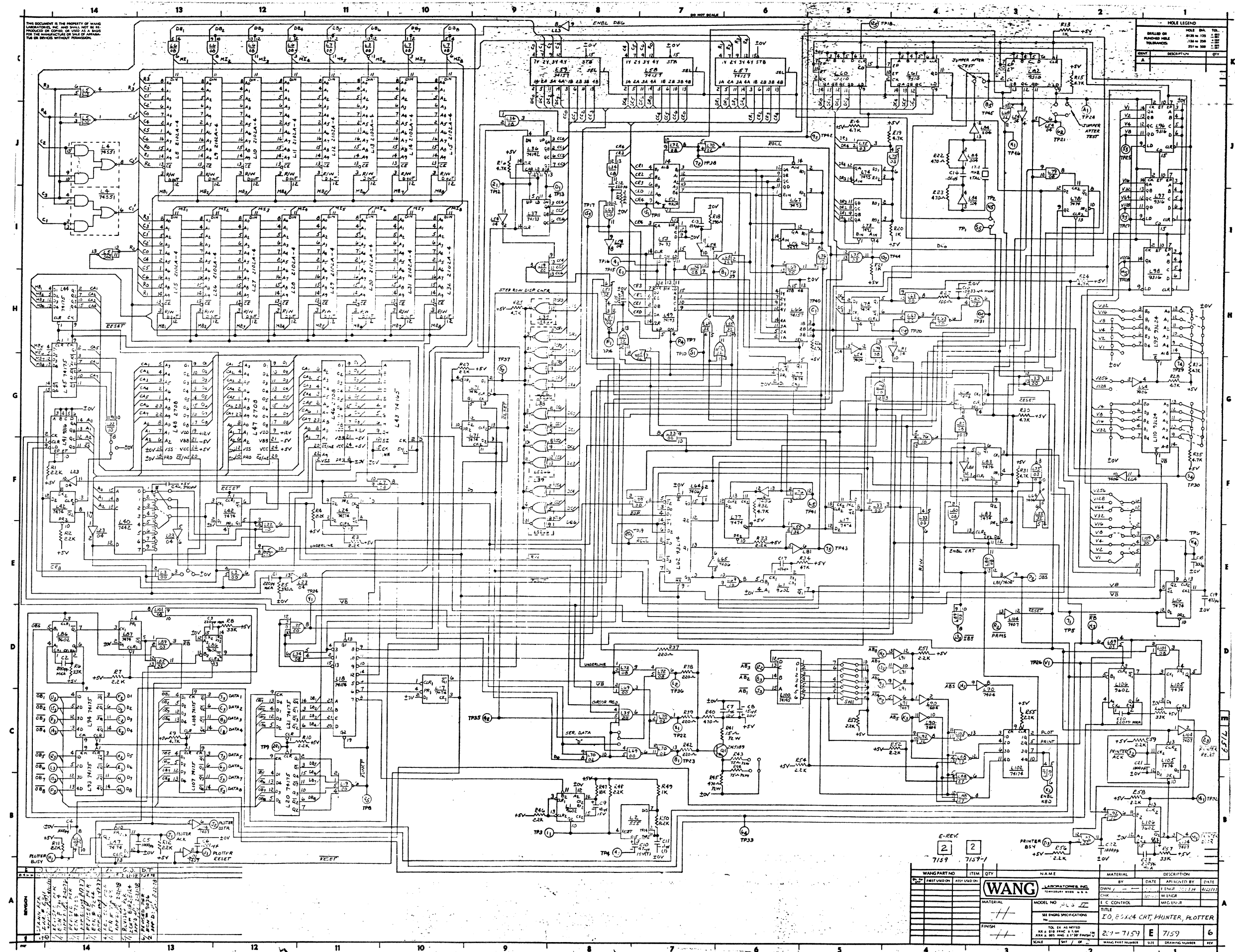
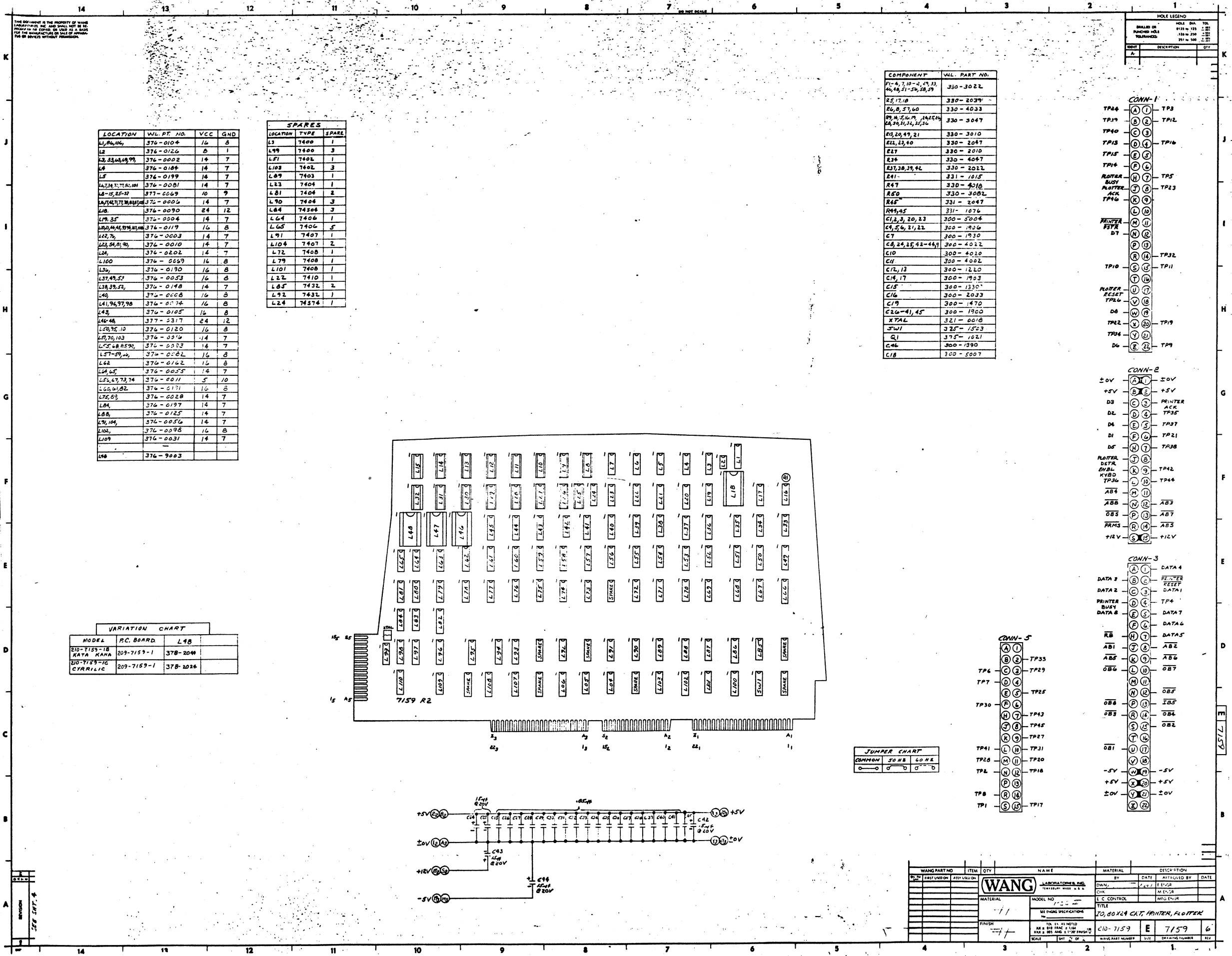






THIS DOCUMENT IS THE PROPERTY OF WANG
LABORATORIES, INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED IN ANY FORM
OR BY ANY MEANS, ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING, RECORDING, OR BY
ANY INFORMATION STORAGE AND RETRIEVAL
SYSTEM, WITHOUT PERMISSION.

LOCATION	W/L PT. NO.	VCC	GND
L1, 84, 104	376-0104	16	8
L2	376-0124	8	1
L3, 33, 64, 99	376-0002	14	7
L4	376-0184	14	7
L5	376-0199	14	7
L6, 74, 77, 80, 101	376-0081	14	7
L8-15, 25-32	377-0069	10	9
L16, 41, 71, 78, 84, 102	376-0004	14	7
L18	376-0090	24	12
L19, 35	376-0004	14	7
L20, 44, 45, 50, 51, 61, 103	376-0119	16	8
L22, 76	376-0003	14	7
L23, 54, 81, 90	376-0010	14	7
L24	376-0202	14	7
L100	376-0069	16	8
L30	376-0190	16	8
L37, 49, 52	376-0053	16	8
L38, 39, 55	376-0148	14	7
L40	376-0068	16	8
L41, 94, 97, 98	376-0174	16	8
L43	376-0105	16	8
L44, 44	377-0317	24	12
L50, 36, 10	376-0120	16	8
L51, 70, 103	376-0214	14	7
L52, 48, 85, 96	376-0033	14	7
L57-59, 64	376-0082	16	8
L62	376-0162	16	8
L64, 65	376-0055	14	7
L75, 47, 73, 74	376-0011	5	10
L60, 61, 82	376-0171	16	8
L76, 83	376-0088	14	7
L84	376-0197	14	7
L86	376-0125	14	7
L90, 104	376-0056	14	7
L105	376-0098	16	8
L109	376-0031	14	7
L108	376-9003		

LOCATION	TYPE	SPARE
L3	7400	1
L99	7400	3
L51	7402	1
L103	7402	3
L69	7403	1
L23	7404	1
L81	7404	2
L90	7404	3
L64	7406	3
L64	7406	1
L65	7406	5
L91	7407	1
L104	7407	2
L72	7408	1
L79	7408	1
L101	7408	1
L22	7410	1
L65	7432	2
L92	7432	1
L24	74374	1

VARIATION CHART			
MODEL	P.C. BOARD	L98	
210-7159-1B DATA KANA	209-7159-1	378-2044	
210-7159-1C CYRILLIC	209-7159-1	378-2024	

COMPONENT	W/L. PART NO.
P1-4, 7, 10-2, 4, 33	350-3022
46, 48, 51-54, 58, 59	
R5, 17, 18	330-2039
R6, 8, 57, 60	330-4033
R9, 14, 56, 15, 145, 146	330-3047
R10, 30, 31, 34, 35, 36	
R13, 20, 49, 21	330-3010
R12, 23, 40	330-2047
R27	330-2010
R34	330-4047
R37, 38, 39, 42	330-2022
R41	331-1015
R47	330-4018
R50	330-3082
R45	331-2047
R44, 45	331-1074
C1, 2, 3, 20, 23	300-5004
C4, 5, 6, 21, 22	300-1906
C7	300-1930
C8, 24, 15, 42-44, 47	300-4022
C10	300-4020
C11	300-4002
C12, 13	300-1210
C14, 17	300-1903
C15	300-1330
C16	300-2033
C19	300-1470
C20-41, 45	300-1900
XTAL	321-0018
SW1	325-1503
Q1	375-1021
C46	300-1390
C18	300-5007

MOLT LEGEND		
SHALL OR	W/L. DIA.	TOL.
FINISHED HOLE	0.125 IN. DIA.	±.01
UNFINISHED	0.125 IN. DIA.	±.02
DRILL	0.125 IN. DIA.	±.01

CONN-1		
TP44	(A) 1	TP3
TP39	(B) 2	TP12
TP40	(C) 3	
TP13	(D) 4	TP16
TP15	(E) 5	
TP14	(F) 6	
ROUTER	(H) 7	TP5
BUSY	(I) 8	TP23
ACK	(J) 9	
TP46	(K) 10	
	(L) 11	
	(M) 12	
PRINTER	(N) 13	
DATA	(O) 14	TP32
	(P) 15	
TP10	(Q) 16	TP11
	(R) 17	
ROUTER	(S) 18	
RESET	(T) 19	
TP46	(U) 20	
	(V) 21	
D6	(W) 22	TP9
TP42	(X) 23	
TP46	(Y) 24	
D6	(Z) 25	TP9

CONN-2		
+5V	(A) 1	+5V
+5V	(B) 2	+5V
D3	(C) 3	PRINTER
D2	(D) 4	ACK
D4	(E) 5	TP37
D1	(F) 6	TP21
D5	(G) 7	TP38
ROUTER	(H) 8	
DATA	(I) 9	TP42
ENBL	(J) 10	
KYBD	(K) 11	TP44
TP36	(L) 12	
AB4	(M) 13	AB3
AB6	(N) 14	AB7
AB3	(O) 15	AB5
AB5	(P) 16	AB3
AB3	(Q) 17	
+12V	(R) 18	+12V

CONN-3		
DATA 4	(A) 1	DATA 4
DATA 3	(B) 2	PRINTER
DATA 2	(C) 3	RESET
DATA 1	(D) 4	DATA 1
PRINTER	(E) 5	TP4
BUSY	(F) 6	DATA 7
DATA 6	(G) 7	DATA 6
AB	(H) 8	DATA 5
AB1	(I) 9	AB2
AB5	(J) 10	AB6
OB6	(K) 11	OB7
	(L) 12	
OB8	(M) 13	OB5
OB5	(N) 14	OB5
	(O) 15	OB4
	(P) 16	OB2
OB1	(Q) 17	
	(R) 18	
-5V	(S) 19	-5V
+5V	(T) 20	+5V
+5V	(U) 21	+5V
+5V	(V) 22	+5V

CONN-5		
TP4	(A) 1	TP33
TP7	(B) 2	TP29
	(C) 3	
TP30	(D) 4	TP25
	(E) 5	
	(F) 6	TP43
	(G) 7	TP45
	(H) 8	TP27
TP41	(I) 9	TP31
TP28	(J) 10	TP20
TP2	(K) 11	TP18
	(L) 12	
TP8	(M) 13	
TP1	(N) 14	TP17
	(O) 15	

JUMPER CHART		
COMMON	TO H	TO H
COMMON	TO H	TO H

WANG PART NO.	ITEM	QTY	NAME	MATERIAL	DESCRIPTION
210-7159-1B	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1C	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1D	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1E	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1F	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1G	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1H	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1I	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1J	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1K	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1L	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1M	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1N	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1O	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1P	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1Q	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1R	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1S	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1T	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1U	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1V	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1W	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1X	1	1	WANG	LABORATORIES, INC.	DATA KANA
210-7159-1Y	1	1	WANG	LABORATORIES, INC.	CYRILLIC
210-7159-1Z	1	1	WANG	LABORATORIES, INC.	DATA KANA