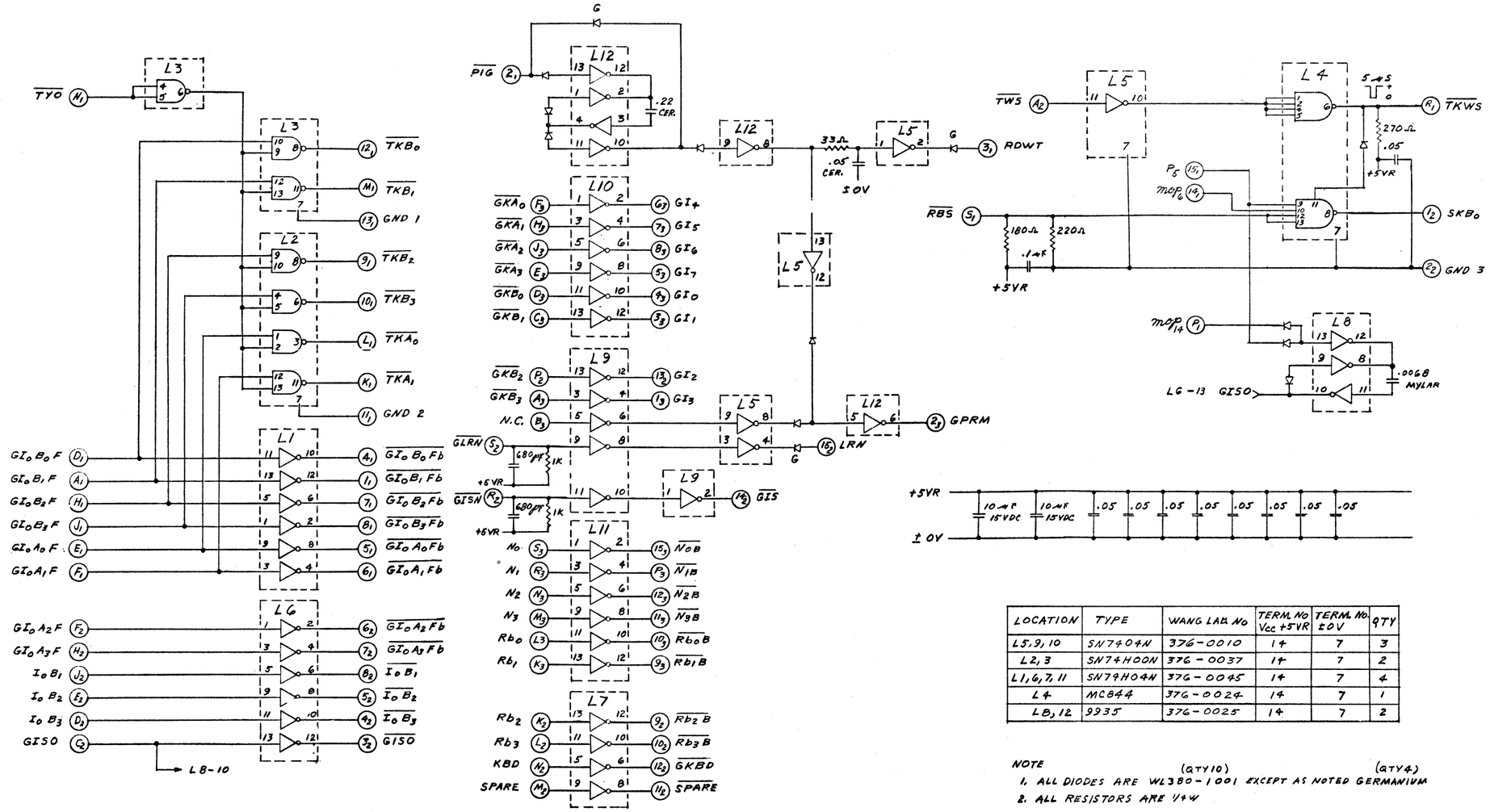
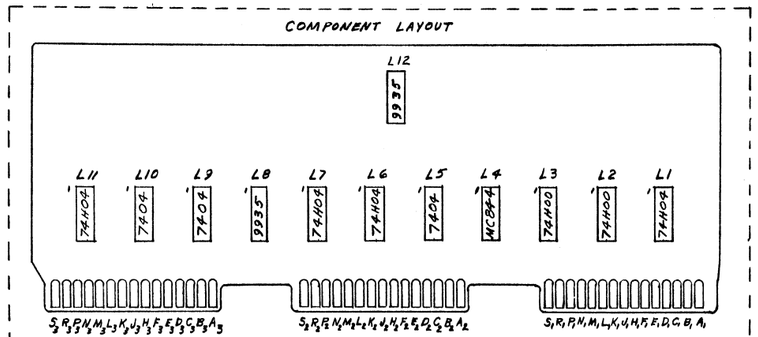


LOCATION	TYPE	WANG LAB. No	TERM. NO Vcc +5VR	TERM. No ±0V	QTY
L5, 9, 10	SN7404N	376-0010	14	7	3
L2, 3	SN74H00N	376-0037	14	7	2
L1, 6, 7, 11	SN74H04N	376-0045	14	7	4
L4	MC844	376-0024	14	7	1
L8, 12	9935	376-0025	14	7	2

NOTE
1. ALL DIODES ARE WL380-1001 EXCEPT AS NOTED GERMANIUM (QTY10) (QTY4)
2. ALL RESISTORS ARE 1/4W

COMPONENT LAYOUT



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		

SIGNAL-TERMINAL DESIGNATION VIEW FROM (WIRING) SIDE OF CONNECTOR

CONN. 1

GI0 B1 F	A 1	GI0 B1 Fb
+5VR	B 2	PIG
±0V	C 3	RDWT
GI0 B0 F	D 4	GI0 B0 Fb
GI0 A0 F	E 5	GI0 A0 Fb
GI0 A1 F	F 6	GI0 A1 Fb
GI0 B2 F	H 7	GI0 B2 Fb
GI0 B3 F	J 8	GI0 B3 Fb
TKA1	K 9	TKB2
TKA0	L 10	TKB3
TKB1	M 11	GND 2
TY0	N 12	TKB0
MCP14	P 13	GND 1
TKWS	R 14	MCP0
RBS	S 15	P5

CONN. 2

TWS	A 1	SKB0
	B 2	GND 3
GISO	C 3	GISO
I0 B3	D 4	I0 B3
I0 B2	E 5	I0 B2
GI0 A2 F	F 6	GI0 A2 Fb
GI0 A3 F	H 7	GI0 A3 Fb
I0 B1	J 8	I0 B1
Rb2	K 9	Rb2B
Rb3	L 10	Rb3B
SPARE	M 11	SPARE
KBD	N 12	GKBD
GKB2	P 13	GI2
GISN	R 14	GIS
GLRN	S 15	LRN

CONN. 3

GKB3	A 1	GI3
N.C.	B 2	GPRM
GKB1	C 3	GI1
GKB0	D 4	GI0
GKA3	E 5	GI7
GKA0	F 6	GI4
GKA1	H 7	GI5
GKA2	J 8	GI6
Rb1	K 9	Rb1B
Rb0	L 10	Rb0B
N3	M 11	N3B
N2	N 12	N2B
N1B	P 13	±0V
N1	R 14	+5VR
N0	S 15	N0B

COMP. SIDE — WIRING SIDE

NO.	REVISION	BY	DATE
1	PER ECN #1483 ADDED 1K RESISTOR AND 680pf CAP FROM PIN 9 L9, TO +5VR, ADDED 1K RESISTOR AND 680pf CAP FROM PIN 11 L9 TO +5VR	RJT	4/17/70
2	REVISED TO 1495 REMOVE DIODE FROM L4 PIN 8	RJT	6-23-70
3	PER ECN #1658 ADDED 2.2K & .05 CAP TO PIN 13 AND CHANGE 220Ω TO 1.8K. APP — RJT	RJT	7-14-70
4	PER ECN #1732 DELETED 1.8K AND 2.2K. ADDED 270Ω REVISION APP. RJT	RJT	9-23-70

WANG PART NO.	ITEM	QTY.	NAME
Qty. Per Unit / FIRST USED ON / ASSY USED ON			

WANG LABORATORIES, INC. TEWKSBURY, MASS. U.S.A.

MATERIAL	DESCRIPTION

	BY	DATE	APPROVED BY	DATE
DWN	GB	2/3/70	E ENGR	SKH 3/17/70
CHK	RJT	3-27-70	M ENGR	
E. C. CONTROL			MFG ENGR	

MATERIAL — MODEL NO. — SEE ENGRG SPECIFICATIONS No.

TITLE SCHEMATIC LOGIBLOC #5928 BUFFER BOARD

FINISH — TOL. EX. AS NOTED .XX ± .010 FRAC. ± 1/64 .XXX ± .005 ANG. ± 1°30' FINISH √128

SCALE — SHT — OF

WANG PART NUMBER	SIZE	DRAWING NUMBER	REV.
	D	5928-1	4

D 5928-1