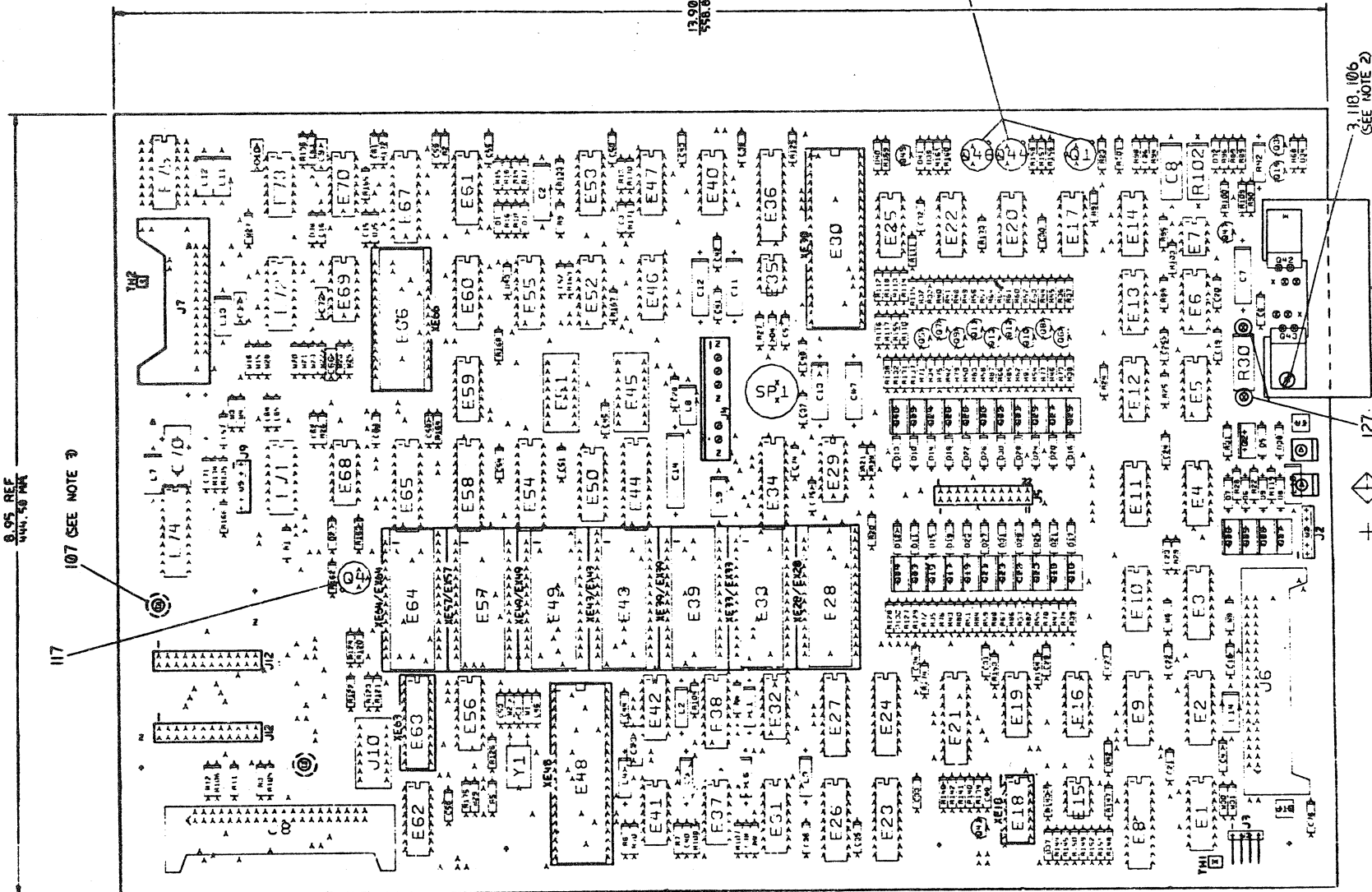




107 (SEE NOTE 3)



13.90 REF
558.00 MM

COMPONENT SIDE VIEW

3.118.106
(SEE NOTE 2)

[illegible]

10-11-68

NOTES: 1. L65 C68 SIZE 2. W3 W5 W2 L W23, J13, L15, E3, J14 ARE SPARES.
2. TOTAL ITEM 106 UNDER ITEM 116.
3. TOTAL ITEM 15 IS ALL BS.
4. TOTAL ITEM 107 FROM SIZE 20 PLS.
5. TOTAL ITEM 108 ARE FOR FIELD OPTIONS PWS.

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET A1 OF A4

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER	VARIATION	REFERENCE
						00	01	02	03
					VARIATION REVISION LEVEL:				DESIGNATOR
1	1	D-MD-5014255-0-0	5014255-00		D+E BRD	1	1	1	1
2	2		7424745-00		HEAT SINK H DRIVERS	1	1	1	1
3	3		9006023-01		SCREW, MACH PAN PHIL 6-	2	2	2	2
4	5		9009185-00		JUMPER, WIRE, INSULATED, BLACK B	15	15	15	15
								CONT	W1, W2, W8, W9, W15, W16, W20, W22, W25-W31
5	6		1000024-00		470.0 MMF 100V 5% 200PPM MICA	1	1	1	1
6	7		1000055-00		2200.0 MMF 250V 20% Y5S DISC	2	2	2	2
7	8		1000079-00		47 MFD 20V 20% S.TANT	1	1	1	1
8	9		1001610-00		.01 MFD 50V +80-20% Z5U CER	12	12	12	12
								CONT	C3, C4, C15, C16, C48, C37, C41, C42, C64, C65, C71, C76
9	10		1005636-00		22 MFD 6V 10% S.TANT	1	1	1	1
10	11		1012784-00		.047 MFD 50V +80-20% CER	43	43	43	43
								CONT	C5, C6, C18, C20-C36, C38-C40, C43-C45, C49-C63, C19, C74
11	12		1013466-31		15.0 MMF 50V 5% CER	2	2	2	2
12	13		1017472-00		10 MFD 35V +50-10% AL EL	5	5	5	5
13	14		1100114-00		PIV= 25 IO=135 MA	1	1	1	1
14	15		1101938-00		VZ= 2.4 5% 400 MW 1N4370A	1	1	1	1
15	16		1104860-00		VZ= 3.3 5% 400 MW 1N746A	1	1	1	1
16	17		1105275-00		PIV= 60 IO=300 MA -15NS	7	7	7	7
17	18		1105796-00		PIV= 400 IO= 1.00A 1N4004 DO-41	28	28	28	28
18	19		1105873-00		VZ= 5.1 1% .400MW	1	1	1	1
19	20		1114507-00		VZ= 24.0 5% 1 W 1N4749A	2	2	2	2
20	21		1209941-02		PCB, HEADER 40PIN(2X20).100CC 90D	2	2	2	2
21	22		1209941-09		PCB, HEADER 26PIN(2X13).100CC 90D	1	1	1	1
22	23		1211164-04		SW, DIP 08POS/1PST 5VDC100MA F	2	2	2	2
23	24		1213488-07		PCB, HEADER 22PIN(2X11).100CC STR	1	1	1	1
24	25		1213488-05		PCB, HEADER 24PIN(2X12).100CC STR	2	2	2	2
25	26		1214981-02		PCB, HEADER 04PIN(1X04).100CC 90D	1	1	1	1
26	27		1215006-01		SKT, IC 14PIN DIP TIN SOLD	2	2	2	2
27	29		1215006-04		SKT, IC 20PIN DIP TIN SOLD	1	1	1	1

REVISION HISTORY			BASIC PART NO: 5414256			DRN: F. LLANOS			DATE: 27-MAR-81			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF B			CHK'D: R. CSERPES			DATE: 27-MAR-81			TITLE PARTS LIST		
	INITIAL	A	SECTION VARIATION INDEX			DES.ENG: A. KORELITZ			DATE: 27-MAR-81			LA100 LOGIC BOARD		
AK	5414256-ML001	B	[A] 00,01,02,03			RESP.ENG.: A. KORELITZ			DATE: 27-MAR-81			DOCUMENT NUMBER		
EK	5414256-PN002	C	[B] 04,05,06			MFG.ENG.: J. MCSHANE			DATE: 27-MAR-81			SIZE CODE NUMBER REV		
EK	5414256-PN003	D	[C]			ASSEMBLY NUMBER:			DATE: 03-SEP-81			K PL 5414256-0-DBF N		
EK	5414256-PN004	E	[D]			E-UA-5414256-0-0			TOP DOCUMENT NUMBER:			RELEASE DATE: 21-FEB-84		
EK	5414256-PN005	F	[E]			FILE NAME:			DATE: 03-SEP-81			24256N.PLS		
EK	5414256-PN006	H	[F]			EDIT #			DATE: 03-SEP-81			24		
EK	5414256-PN007	J	[H]											
EK	5414256-PN008	K	[J]											
EK	5414256-PN009	L	[K]											
EK	5414256-PN010	M	[L]											
EK	5414256-PN012	N	[M]											
			[N]											

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AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET A2 OF A4

LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
						00	01	02	03	
VARIATION REVISION LEVEL:										
28	30		1215006-07		SKT,IC 28PIN DIP TIN SOLD	8	8	8	8	XE28,XE33,XE39,XE57,XE64,XE49, CONT XE66,XE43
29	31		1215006-08		SKT,IC 40PIN DIP TIN SOLD	2	2	2	2	XE48,XE30
30	32		1215323-00		PCB HEADER 06PIN(1X06).100CC STR	2	2	2	2	J2,J9
31	33		1215323-02		PCB HEADER 02PIN(1X02).100CC STR	2	2	2	2	J1,J16
32	34		1215635-01		TRANSDUCER,MINATURE AUDIO FOR LA	1	1	1	1	SP1
33	35		1215699-00		PCB,HEADER 08POS(1X09).156CC STR	1	1	1	1	J4
34	36		1300005-07		R NETWORK 15-4.7K 5.0 % 16PIN	2	2	2	2	E1,E50
35	37		1300229-00		100.0 .25 W 5.0 % CF	1	1	1	1	R125
36	38		1300247-00		120.0 .25 W 5.0 % CF	1	1	1	1	R15
37	39		1300295-00		330.0 .25 W 5.0 % CF	19	19	19	19	R1-R4,R19-R21,R104,R106, CONT R120-R124,R141,R153,R154,R105, CONT R172
38	40		1300365-00		1.0 K .25 W 5.0 % CF	62	62	62	62	R12-R14,R22,R23,R28,R29,R32-R67, CONT R69,R70,R89,R91,R107,R108,R119, CONT R126,R129,R130,R156-R160,R162, CONT R163,R164,R174
39	41		1300368-00		1.0 K 1.0 W 5.0 % CC	1	1	1	1	R102
40	42		1300417-00		2.20 K .25 W 5.0 % CF	9	9	9	9	R131,R132,R140,R146,R149-R152, CONT R161
41	43		1300432-00		3.0 K .25 W 5.0 % CF	4	4	4	4	R127,R128,R137,R138
42	44		1300447-00		4.70 K .25 W 5.0 % CF	28	28	28	28	R26,R68,R71-R88,R134,R135,R144, CONT R148,R165,R166,R167,R175
43	45		1300479-00		10.0 K .25 W 5.0 % CF	14	14	14	14	R5-R11,R95,R96,R143,R145,R147, CONT R139,R171
44	46		1300488-00		12.0 K .25 W 5.0 % CF	2	2	2	2	R16,R109
45	47		1301423-00		6.80 K .25 W 5.0 % CF	13	13	13	13	R18,R24,R25,R110-R118,R155
46	48		1301424-00		680.0 .25 W 5.0 % CF	1	1	1	1	R90
47	50		1301421-00		15.0 .25 W 5.0 % CF	1	1	1	1	R98
48	51		1302391-00		20.0 K .25 W 5.0 % CF	2	2	2	2	R31,R170
49	52		1302466-00		100.0 K .25 W 5.0 % CF	2	2	2	2	R17,R133
50	53		1302602-00		56.0 .25 W 5.0 % CF	1	1	1	1	R27
51	54		1305346-00		27.0 K .25 W 5.0 % CF	1	1	1	1	R142
52	55		1309595-00		1.0 M .25 W 5.0 % CF	1	1	1	1	R100
53	56		1310635-00		13.0 K .25 W 1.0 % RN55D-F10	2	2	2	2	R99,R103
54	57		1312452-00		3.74 K .25 W 1.0 % RN55D-F10	1	1	1	1	R136
55	59		1315676-00		300.0 3.0 W 5.0 % WW 9	1	1	1	1	R30
56	60		1501913-00		2N 2904A PNP 600MW SI 60 40 Y	4	4	4	4	Q1,Q4,Q44,Q46
57	61		1510705-00		XA 05 NPN 500MW SI 60 50 P	3	3	3	3	Q14,Q45,Q47
58	62		1510706-00		XA 55 PNP 500MW SI 60 50 P	11	11	11	11	Q3,Q5-Q13,Q41
59	63		1514508-00		TIP 121 NPN 65W SI 80 1000 8	15	15	15	15	Q24-Q32,Q35-Q40
60	64		1514509-00		TIP 125 PNP 65W SI 60 500 8A	12	12	12	12	Q2,Q15-Q23,Q33,Q34
61	65		1618238-02		BEAD,FERRITE .1380DX.330LG	6	6	6	6	L1-L3,L7,L10,L14
62	66		1812396-08		XTAL 8.000 MHZ	1	1	1	1	Y1
63	67		1910322-00		DEC 1488L DRIVER,LINE,QUAD,EI	1	1	1	1	E69
64	68		1913130-00		DEC 1489A RECEIVER,LINE,QUAD,	2	2	2	2	E70,E73
65	69		1910406-00		75451 DRIVER,PERIPH,DUAL,	1	1	1	1	E35
66	70		1910741-00		7406 INVERTER GATE-HEX 11	8	8	8	8	E4,E5,E10,E11,E19,E68,E20,E29

D	I	G	I	T	A	L	TITLE	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							LA100 LOGIC BOARD		K	PL	5414256-0-DBP	N

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET A3 OF A4

LINE ITEM TOP DOCUMENT

MIN
PART NUMBER REV DESCRIPTION

QTY PER VARIATION

00 01 02 03 REFERENCE DESIGNATOR

VARIATION REVISION LEVEL:

67	71	1912108-00	339	VOLT CMPRTR,QUAD	1	1	1	1	E53
68	72	1912799-00	LS00	NAND-GATE-QUAD 2IN,P	1	1	1	1	E40
69	73	1912801-00	LS02	NOR-GATE-QUAD 2IN	1	1	1	1	E12
70	74	1912803-00	LS04	INVERTER GATE,HEX	4	4	4	4	E6,E25,E47,E22
71	75	1912805-00	LS08	AND GATE-QUAD 2IN,PO	5	5	5	5	E13,E14,E17,E32,E59
72	76	1912807-00	LS10	NAND GATE-TRIPLE 3IN	1	1	1	1	E41
73	77	1912816-00	LS32	OR GATE-QUAD 2IN,POS	3	3	3	3	E16,E37,E46
74	78	1912824-00	LS74	FF-D DUAL,EDGE TRIGG	1	1	1	1	E42
75	79	1912842-00	LS138	DECODER-THREE INPUT,	2	2	2	2	E56,E60
76	80	1912843-00	LS139	DECODER, 2 OF 4(DUAL	1	1	1	1	E52
77	81	1912846-00	LS155	DECODER,2 OF 4(DUAL)	1	1	1	1	E55
78	82	1912863-00	LS273	FF-D OCTAL W/CLEAR	3	3	3	3	E21,E58,E65
79	83	1913471-00	LS367	DRIVER,BUS,HEX,TRI-	3	3	3	3	E62,E71,E72
80	84	1913777-00	LS240	DRIVER,LINE,OCTAL,T	1	1	1	1	E8
81	85	1913939-00	LS191	COUNTER,SYNCHR. UP/D	1	1	1	1	E31
82	86	1913950-00	LS156	DECODER,2 OF 4(DUAL)	3	3	3	3	E2,E3,E9
83	87	1914156-00	LM 393	VOLT.COMPARATOR DUAL	2	2	2	2	E7,E15
84	88	1914213-00	81LS97	BUFFER GATE-OCTAL 2I	4	4	4	4	E44,E54,E67,E74
85	89	1914560-00	LS368	DRIVER,BUS,HEX,TRI-	2	2	2	2	E38,E61
86	90	1915218-00	LS245	TRANSCEIVER,BUS,OCT	1	1	1	1	E36
87	91	1915219-00	LS373	FF-D OCTAL-TRANSPARE	1	1	1	1	E34
88	92	1916002-00		DRIVER,MOTOR CONTRO	2	2	2	2	Q42,Q43
89	93	2113107-01	P 8251A	PUSART COMM. INTERFA	1	1	1	1	E66
90	94	2113954-00	DC 305	INTERFACE CHIP	1	1	1	1	E30
91	95	2114212-00	P 2114-2	RAM,1024X4,STATIC	4	4	4	4	E23,E24,E26,E27
92	97	2114524-01		ROM 100X14BIT,ERASABLE,	1	1	1	1	E18
93	98	2116962-00	UP,8-BTT NMOS .8MICRO SEC. INSTR	1	1	1	1	1	E48
94	101	1300250-00	150.0	.25 W 5.0 Z CF	1	1	1	1	R168
95	102	1302388-00	2.0 K	.25 W 5.0 Z CF	2	2	2	2	R169,R94
96	103	1001383-00	4700.0 MMF	100V 3%200PPM MICA	1	1	1	1	C70
97	105	1100122-00	VZ= 3.9	5% 400 MW 1N748A	1	1	1	1	D43
98	106	9008268-00	COMPOUND,	THERMAL JOINT	A/R	A/R	A/R	A/R	
99	107	9009111-02	INSERT,THREAD	PC BOARD	2	2	2	2	
100	110	1013669-07	.068 MFD	150V 1% AL EL	1	1	1	1	C8
101	114	9105740-55	WIRE(WRAP)	30AWG KYNAR UL14	A/R	A/R	A/R	A/R	
102	115	1300400-00	1.80 K	.50 W10.0 Z CF	1	1	1	1	R92
103	116	1301890-00	560.0	.25 W 5.0 Z CF	1	1	1	1	R173
104	117	9007201-00	PAD,MOUNTING,	COMPONENT	4	4	4	4	
105	118	9008185-00	NUT,HEX EXT TOOTH	LCKWSHR 6-32	2	2	2	2	
106	119	23147E4-00	E4-02,E4-05	ROM	1	1	1	-	E28
107	120	23148E4-00	E4-01,E4-02,E4-03,E4-05	ROM	1	1	1	-	E33
108	121	23126E4-00	E4-01,E4-02,E4-03,E4-05,06,08ROM		1	1	1	1	E64
109	122	23128E4-00	E4-01,E4-02,E4-03,E4-05,06,08ROM		-	1	-	-	E57
110	123	23127E4-00	E4-01,E4-02,E4-03,E4-05,06,08ROM		-	-	1	-	E49
111	124	1313594-00	14.0 K	.25 W 1.0 Z RN55D-F10	1	1	1	1	R101
112	125	1618437-01	BEAD,FERRITE	.2360DX.394LG W/2.5	8	8	8	8	L4-L6,L8,L9,L11-L13
113	126	1001610-02	.01 MFD	100V +80-20XZ5U DISC	1	1	1	1	C73
114	127	9009798-01	SPACER,CLEAR HOLE	RND CERAM .07	2	2	2	2	

D I G I T A L		TITLE	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
		LA100 LOGIC BOARD				5414256-0-DBP	N

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET A4 OF A4

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
						00	01	02	03	
VARIATION REVISION LEVEL:										
115	128		7019647-00		PROGRAMMED SOCKET	A/R	A/R	A/R	A/R	EX28,EX33,EX39,EX43,EX49,EX57,EX64
116	129		23210E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	-	-	1	E33
117	130		23215E4-00		E4-06,E4-08	-	-	-	1	E28
118	131		23207E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	-	-	1	E57
119	132		23200E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	-	-	1	E49
120	133		1013466-06		100.0 MMF 50V 5% CER	1	1	1	1	C75

121 NOTE: 1. THE FOLLOWING ADDITIONAL 240/30 FONT ROMS ARE ALSO AVAILABLE;

122 NOTE: 23134E4-00, COURIER 12 D.A.D. 240/30; 23132E4-00 \, GOTHIC 12 D.A.D. 240/30.

123 NOTE: 23140E4-00, SYMBOLS 240/30; 23135E4-00 COURIER 12 OVERLAY D.A.D. 240/30

124 NOTE: 23133E4-00, GOTHIC 12 OVERLAY D.A.D. 240/30; 23129E4-00 ORATOR 10 OVERLAY D.A.D. 240/30

125 NOTE: 23130E4-00, GOTHIC 10 D.A.D. 240/30; 23131E4-00 GOTHIC 10 OVERLAY D.A.D. 240/30

126 NOTE: 2. THE FOLLOWING ADDITIONAL 240/80 FONT \ROMS ARE ALSO AVAILABLE;

127 NOTE: 23136E4-00, COURIER 10 D.A.D. 240/80; 23137E4-00 \, COURIER 10 OVERLAY D.A.D. 240/80

128 NOTE: 23138E4-00, ORATOR 10 D.A.D. 240/80; 23139E4-00, ORATOR 10 OVERLAY D.A.D. 240/80

129 NOTE: 3. E28 CAN ONLY USE INTEL/AMD2764 EPROMS WITH ADAPTOR SOCKET 7019647-00 OR A ROM. ALL OTHER

130 NOTE: LOCATIONS CAN USE TI2564 WITHOUT ADAPTOR SOCKET OR INTEL/AMD2764 WITH ADAPTOR SOCKET OR A ROM.

D	I	G	I	T	A	L	TITLE	LA100 LOGIC BOARD	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5414256-0-DBP	N

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET B1 OF B4

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER	VARIATION	REFERENCE DESIGNATOR
						04	05	06	
VARIATION REVISION LEVEL:									
1	1	D-MD-5014255-0-0	5014255-00		D+E BRD	1	1	1	
2	2		7424745-00		HEAT SINK H DRIVERS	1	1	1	
3	3		9006023-01		SCREW, MACH PAN PHIL 6-	2	2	2	
4	5		9009185-00		JUMPER, WIRE, INSULATED, BLACK B	15	15	15	W1, W2, W8, W9, W15, W16, W20, W22, W25-W31
5	6		1000024-00		470.0 MMF 100V 5%200PPM MICA	1	1	1	C17
6	7		1000055-00		2200.0 MMF 250V 20% Y5S DISC	2	2	2	C9, C10
7	8		1000079-00		47 MFD 20V 20% S, TANT	1	1	1	C14
8	9		1001610-00		.01 MFD 50V +80-20% Z5U CER	12	12	12	C3, C4, C15, C16, C48, C37, C41, C42, C64, C65, C71, C76
9	10		1005636-00		22 MFD 6V 10% S, TANT	1	1	1	C2
10	11		1012784-00		.047 MFD 50V +80-20% CER	43	43	43	C5, C6, C18, C20-C36, C38-C40, C43-C45, C49-C63, C19, C74
11	12		1013466-31		15.0 MMF 50V 5% CER	2	2	2	C1, C46
12	13		1017472-00		10 MFD 35V +50-10% AL EL	5	5	5	C7, C11-C13, C47
13	14		1100114-00		PIV= 25 IO=135 MA	1	1	1	D42
14	15		1101938-00		VZ= 2.4 5% 400 MW 1N4370A	1	1	1	D1
15	16		1104860-00		VZ= 3.3 5% 400 MW 1N746A	1	1	1	D40
16	17		1105275-00		PIV= 60 IO=300 MA -15NS	7	7	7	D2, D3, D4, D34, D37, D39, D41
17	18		1105796-00		PIV= 400 IO= 1.00A 1N4004 DO-41	28	28	28	D6-D31, D35, D36
18	19		1105873-00		VZ= 5.1 1% .400MW	1	1	1	D32
19	20		1114507-00		VZ= 24.0 5% 1 W 1N4749A	2	2	2	D5, D38
20	21		1209941-02		PCB, HEADER 40PIN(2X20).100CC 90D	2	2	2	J6, J8
21	22		1209941-09		PCB, HEADER 26PIN(2X13).100CC 90D	1	1	1	J7
22	23		1211164-04		SW, DIP 08POS/1PST 5VDC100MA F	2	2	2	E45, E51
23	24		1213488-07		PCB, HEADER 22PIN(2X11).100CC STR	1	1	1	J5
24	25		1213488-05		PCB, HEADER 24PIN(2X12).100CC STR	2	2	2	J11, J12
25	26		1214981-02		PCB, HEADER 04PIN(1X04).100CC 90D	1	1	1	J3
26	27		1215006-01		SKT, IC 14PIN DIP TIN SOLD	2	2	2	J10, XE18
27	29		1215006-04		SKT, IC 20PIN DIP TIN SOLD	1	1	1	XE63

REVISION HISTORY			BASIC PART NO: 5414256			DRN: F. LLANOS			DATE: 27-MAR-81			D I G I T A L			
ENG	ECO NUMBER	REV	SECTION B OF B									TITLE PARTS LIST			
---	INITIAL	A	SECTION VARIATION INDEX			CHK'D: B. CSERPES			DATE: 27-MAR-81			LA100 LOGIC BOARD			
AK	5414256-ML001	B	[A] 00,01,02,03												
EK	5414256-PN002	C	[B] 04,05,06												
EK	5414256-PN003	D	[C]			DES.ENG: A. KORELITZ			DATE: 27-MAR-81			DOCUMENT NUMBER			
EK	5414256-PN004	E	[D]									SIZE	CODE	NUMBER	REV
EK	5414256-PN005	F	[E]												
EK	5414256-PN006	H	[F]			RESP.ENG.: A. KORELITZ			DATE: 27-MAR-81			K	PL	5414256-0-DBP	N
EK	5414256-PN007	J	[H]												
EK	5414256-PN008	K	[J]												
EK	5414256-PN009	L	[K]			MFG.ENG.: J. MCSHANE			DATE: 03-SEP-81			RELEASE DATE: 21-FEB-84			
EK	5414256-PN010	M	[L]												
EK	5414256-PN012	N	[M]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:			EDIT #
			[N]			E-UA-5414256-0-0			B-DD-5414256-0-0			Z4256N.PLS			24

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P A R T S L I S T

SHEET B2 OF B4

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION			REFERENCE DESIGNATOR
						04	05	06	
VARIATION REVISION LEVEL:									
28	30		1215006-07		SMT,IC 28PIN DIP TIN SOLD	8	8	8	XE28,XE33,XE39,XE57,XE64,XE49, CONT XE66,XE43
29	31		1215006-08		SMT,IC 40PIN DIP TIN SOLD	2	2	2	XE48,XE30
30	32		1215323-00		PCB HEADER 06PIN(1X06),100CC STR	2	2	2	J2,J9
31	33		1215323-02		PCB HEADER 02PIN(1X02),100CC STR	2	2	2	J1,J16
32	34		1215635-01		TRANSDUCER,MINATURE AUDIO FOR LA	1	1	1	SP1
33	35		1215699-00		PCB,HEADER 08POS(1X09),156CC STR	1	1	1	J4
34	36		1300005-07		R NETWORK 15-4.7K 5.0 % 16PIN	2	2	2	E1,E50
35	37		1300229-00		100.0 .25 W 5.0 % CF	1	1	1	R125
36	38		1300247-00		120.0 .25 W 5.0 % CF	1	1	1	R15
37	39		1300295-00		330.0 .25 W 5.0 % CF	19	19	19	R1-R4,R19-R21,R104,R106, CONT R120-R124,R141,R153,R154,R105, CONT R172
38	40		1300365-00		1.0 K .25 W 5.0 % CF	62	62	62	R12-R14,R22,R23,R28,R29,R32-R67, CONT R69,R70,R89,R91,R107,R108,R119, CONT R126,R129,R130,R156-R160,R162, CONT R163,R164,R174
39	41		1300368-00		1.0 K 1.0 W 5.0 % CC	1	1	1	R102
40	42		1300417-00		2.20 K .25 W 5.0 % CF	9	9	9	R131,R132,R140,R146,R149-R152, CONT R161
41	43		1300432-00		3.0 K .25 W 5.0 % CF	4	4	4	R127,R128,R137,R138
42	44		1300447-00		4.70 K .25 W 5.0 % CF	28	28	28	R26,R68,R71-R88,R134,R135,R144, CONT R148,R165,R166,R167,R175
43	45		1300479-00		10.0 K .25 W 5.0 % CF	14	14	14	R5-R11,R95,R96,R143,R145,R147, CONT R139,R171
44	46		1300488-00		12.0 K .25 W 5.0 % CF	2	2	2	R16,R109
45	47		1301423-00		6.80 K .25 W 5.0 % CF	13	13	13	R18,R24,R25,R110-R118,R155
46	48		1301424-00		680.0 .25 W 5.0 % CF	1	1	1	R90
47	50		1301421-00		15.0 .25 W 5.0 % CF	1	1	1	R98
48	51		1302391-00		20.0 K .25 W 5.0 % CF	2	2	2	R31,R170
49	52		1302466-00		100.0 K .25 W 5.0 % CF	2	2	2	R17,R133
50	53		1302602-00		56.0 .25 W 5.0 % CF	1	1	1	R27
51	54		1305346-00		27.0 K .25 W 5.0 % CF	1	1	1	R142
52	55		1309595-00		1.0 M .25 W 5.0 % CF	1	1	1	R100
53	56		1310635-00		13.0 K .25 W 1.0 % RN55D-F10	2	2	2	R99,R103
54	57		1312452-00		3.74 K .25 W 1.0 % RN55D-F10	1	1	1	R136
55	59		1315676-00		300.0 3.0 W 5.0 % WW 9	1	1	1	R30
56	60		1501913-00		2N 2904A PNP 600MW SI 60 40 Y	4	4	4	Q1,Q4,Q44,Q46
57	61		1510705-00		XA 05 NPN 500MW SI 60 50 P	3	3	3	Q14,Q45,Q47
58	62		1510706-00		XA 55 PNP 500MW SI 60 50 P	11	11	11	Q3,Q5-Q13,Q41
59	63		1514508-00		TIP 121 NPN 65W SI 80 1000 8	15	15	15	Q24-Q32,Q35-Q40
60	64		1514509-00		TIP 125 PNP 65W SI 60 500 9A	12	12	12	Q2,Q15-Q23,Q33,Q34
61	65		1618238-02		BEAD,FERRITE .1380DX.330LG	6	6	6	L1-L3,L7,L10,L14
62	66		1812396-08		XTAL 8.000 MHZ	1	1	1	Y1
63	67		1910322-00		DEC 1488L DRIVER,LINE,QUAD,EI	1	1	1	E69
64	68		1913130-00		DEC 1489A RECEIVER,LINE,QUAD,	2	2	2	E70,E73
65	69		1910406-00		75451 DRIVER,PERIPH,DUAL,	1	1	1	E35
66	70		1910741-00		7406 INVERTER GATE-HEX 1I	8	8	8	E4,E5,E10,E11,E19,E68,E20,E29

D I G I T A L		TITLE	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
		LA100 LOGIC BOARD		K	PL	5414256-0-DBP	N

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET 83 OF 84

LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION			REFERENCE DESIGNATOR
						04	05	06	
VARIATION REVISION LEVEL:									
67	71		1912108-00		339 VOLT CMPRTR,QUAD	1	1	1	E53
68	72		1912799-00		LS00 NAND-GATE-QUAD 2IN,P	1	1	1	E40
69	73		1912801-00		LS02 NOR-GATE-QUAD 2IN	1	1	1	E12
70	74		1912803-00		LS04 INVERTER GATE,HEX	4	4	4	E6,E25,E47,E22
71	75		1912805-00		LS08 AND GATE-QUAD 2IN,PO	5	5	5	E13,E14,E17,E32,E59
72	76		1912807-00		LS10 NAND GATE-TRIPLE 3IN	1	1	1	E41
73	77		1912816-00		LS32 OR GATE-QUAD 2IN,POS	3	3	3	E16,E37,E46
74	78		1912824-00		LS74 FF-D DUAL,EDGE TRIGG	1	1	1	E42
75	79		1912842-00		LS138 DECODER-THREE INPUT,	2	2	2	E56,E60
76	80		1912843-00		LS139 DECODER, 2 OF 4(DUAL	1	1	1	E52
77	81		1912846-00		LS155 DECODER,2 OF 4(DUAL)	1	1	1	E55
78	82		1912863-00		LS273 FF-D OCTAL W/CLEAR	3	3	3	E21,E58,E65
79	83		1913471-00		LS367 DRIVER,BUS,HEX,TRI-	3	3	3	E62,E71,E72
80	84		1913777-00		LS240 DRIVER,LINE,OCTAL,T	1	1	1	E8
81	85		1913939-00		LS191 COUNTER,SYNCHR. UP/D	1	1	1	E31
82	86		1913950-00		LS156 DECODER,2 OF 4(DUAL)	3	3	3	E2,E3,E9
83	87		1914156-00	LM	393 VOLT.COMPARATOR DUAL	2	2	2	E7,E15
84	88		1914213-00		81LS97 BUFFER GATE-OCTAL 2I	4	4	4	E44,E54,E67,E74
85	89		1914560-00		LS368 DRIVER,BUS,HEX,TRI-	2	2	2	E38,E61
86	90		1915218-00		LS245 TRANSCEIVER,BUS,OCT	1	1	1	E36
87	91		1915219-00		LS373 FF-D OCTAL-TRANSPARE	1	1	1	E34
88	92		1916002-00		DRIVER,MOTOR CONTR	2	2	2	Q42,Q43
89	93		2113107-01	P	8251A PUSART COMM. INTERFA	1	1	1	E66
90	94		2113954-00	DC	305 INTERFACE CHIP	1	1	1	E30
91	95		2114212-00	P	2114-2 RAM,1024X4,STATIC	4	4	4	E23,E24,E26,E27
92	97		2114524-01		ROM 100X14BIT,ERASABLE,	1	1	1	E18
93	98		2116962-00		UP,8-BTT NMOS .8MICRO SEC. INSTR	1	1	1	E48
94	101		1300250-00		150.0 .25 W 5.0 Z CF	1	1	1	R168
95	102		1302388-00		2.0 K .25 W 5.0 Z CF	2	2	2	R169,R94
96	103		1001383-00		4700.0 MMF 100V 3X200PPH MICA	1	1	1	C70
97	105		1100122-00		VZ= 3.9 5X 400 MW 1N748A	1	1	1	D43
98	106		9008268-00		COMPOUND, THERMAL JOINT	A/R	A/R	A/R	
99	107		9009111-02		INSERT,THREAD PC BOARD	2	2	2	
100	110		1013669-07		.068 MFD 150V 1X AL EL	1	1	1	C8
101	114		9105740-55		WIRE(WRAP) 30AWG KYNAR UL14	A/R	A/R	A/R	
102	115		1300400-00		1.80 K .50 W10.0 Z CF	1	1	1	R92
103	116		1301890-00		560.0 .25 W 5.0 Z CF	1	1	1	R173
104	117		9007201-00		PAD,MOUNTING,COMPONENT	4	4	4	
105	118		9008185-00		NUT,HEX EXT TOOTH LCKWSHR 6-32	2	2	2	
106	119		23147E4-00		*** THIS ITEM IS NOT USED ***	-	-	-	
107	120		23148E4-00		*** THIS ITEM IS NOT USED ***	-	-	-	
108	121		23126E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	1	1	1	E64
109	122		23128E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	1	-	-	E57
110	123		23127E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	1	-	E49
111	124		1313594-00		14.0 K .25 W 1.0 Z RN55D-F10	1	1	1	R101
112	125		1618437-01		BEAD,FERRITE .236ODX.394LG W/2.5	8	8	8	L4-L6,L8,L9,L11-L13
113	126		1001610-02		.01 MFD 100V +80-20XZ5U DISC	1	1	1	C73
114	127		9009798-01		SPACER,CLEAR HOLE RND CERAM .07	2	2	2	

D I G I T A L					TITLE	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
					LA100 LOGIC BOARD		K	PL	5414256-0-DBP	N

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET 84 OF 84

LINE ITEM TOP DOCUMENT

MIN
PART NUMBER REV DESCRIPTIONQTY PER VARIATION
04 05 06

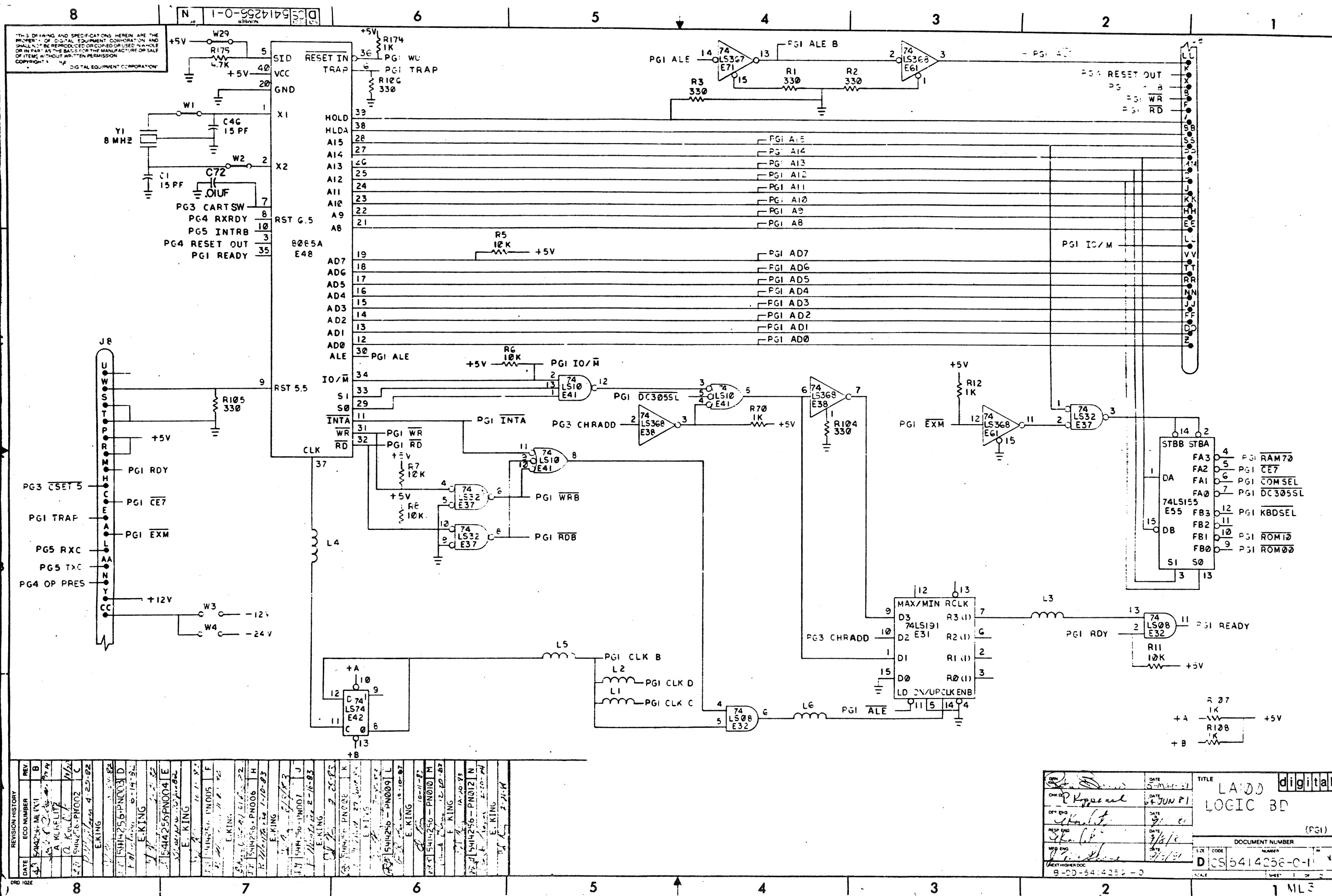
REFERENCE DESIGNATOR

VARIATION REVISION LEVEL:

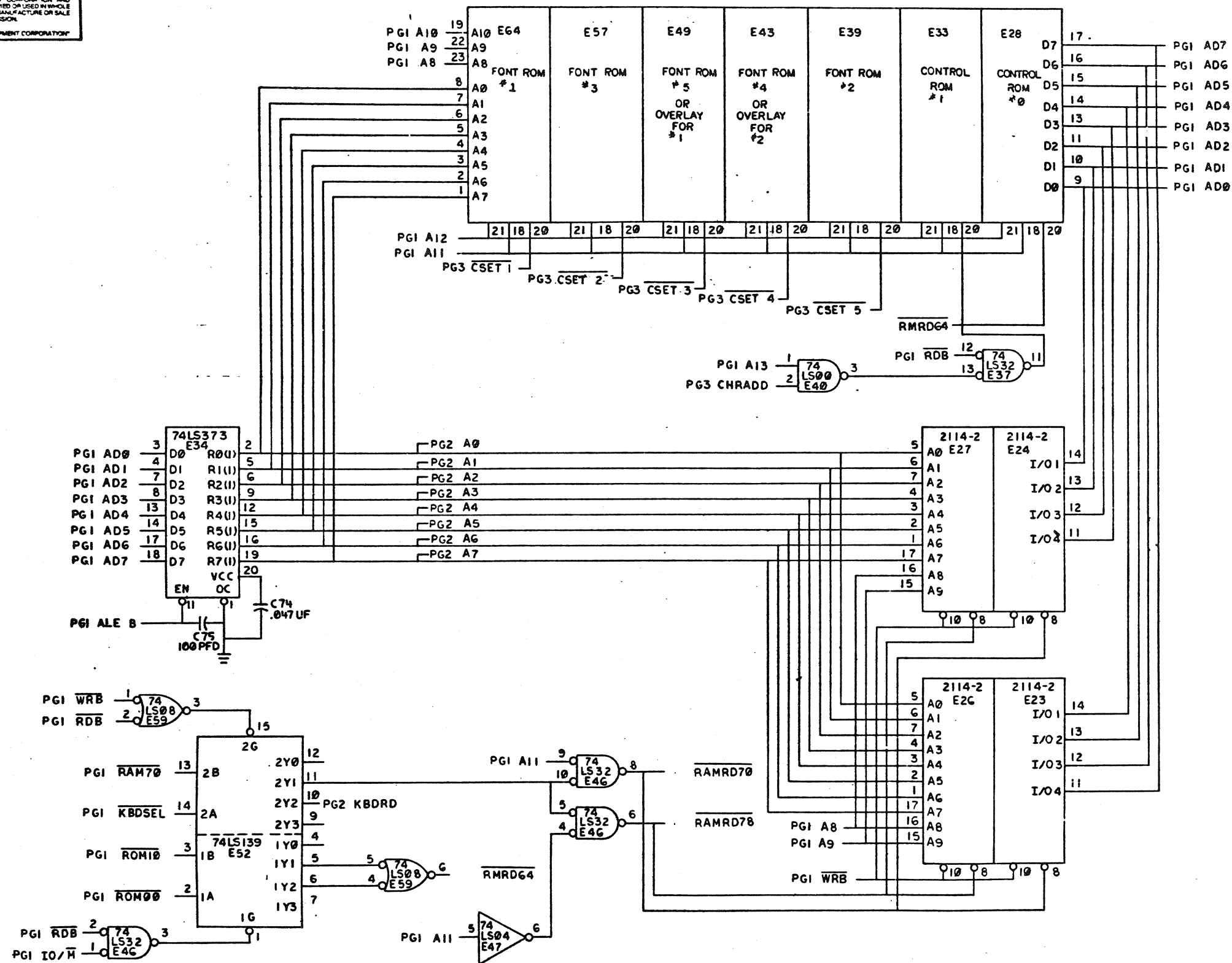
LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					04	05	06
115	128	7019647-00		PROGRAMMED SOCKET			
116	129	23210E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	1	1	1
117	130	23215E4-00		E4-06,E4-08	1	1	1
118	131	23207E4-00		*** THIS ITEM IS NOT USED ***	-	-	-
119	132	23200E4-00		*** THIS ITEM IS NOT USED ***	-	-	-
120	133	1013466-06		100.0 MHF 50V 5Z CER	1	1	1

121 NOTE: 1. THE FOLLOWING ADDITIONAL 240/30 FONT ROMS ARE ALSO AVAILABLE;
 122 NOTE: 23134E4-00, COURIER 12 D.A.D. 240/30; 23132E4-00 \, GOTHIC 12 D.A.D. 240/30.
 123 NOTE: 23140E4-00, SYMBOLS 240/30; 23135E4-00 COURIER 12 OVERLAY D.A.D. 240/30
 124 NOTE: 23133E4-00, GOTHIC 12 OVERLAY D.A.D. 240/30; 23129E4-00 ORATOR 10 OVERLAY D.A.D. 240/30
 125 NOTE: 23130E4-00, GOTHIC 10 D.A.D. 240/30; 23131E4-00 GOTHIC 10 OVERLAY D.A.D. 240/30
 126 NOTE: 2. THE FOLLOWING ADDITIONAL 240/80 FONT \ROMS ARE ALSO AVAILABLE;
 127 NOTE: 23136E4-00, COURIER 10 D.A.D. 240/80; 23137E4-00 \, COURIER 10 OVERLAY D.A.D. 240/80
 128 NOTE: 23138E4-00, ORATOR 10 D.A.D. 240/80; 23139E4-00, ORATOR 10 OVERLAY D.A.D. 240/80
 129 NOTE: 3. E28 CAN ONLY USE INTEL/AMD2764 EPROMS WITH ADAPTOR SOCKET 7019647-00 OR A ROM. ALL OTHER
 130 NOTE: LOCATIONS CAN USE TI2564 WITHOUT ADAPTOR SOCKET OR INTEL/AMD2764 WITH ADAPTOR SOCKET OR A ROM.

D	I	G	I	T	A	L	TITLE	LA100 LOGIC BOARD	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5414256-0-DBP	N



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NOTES:

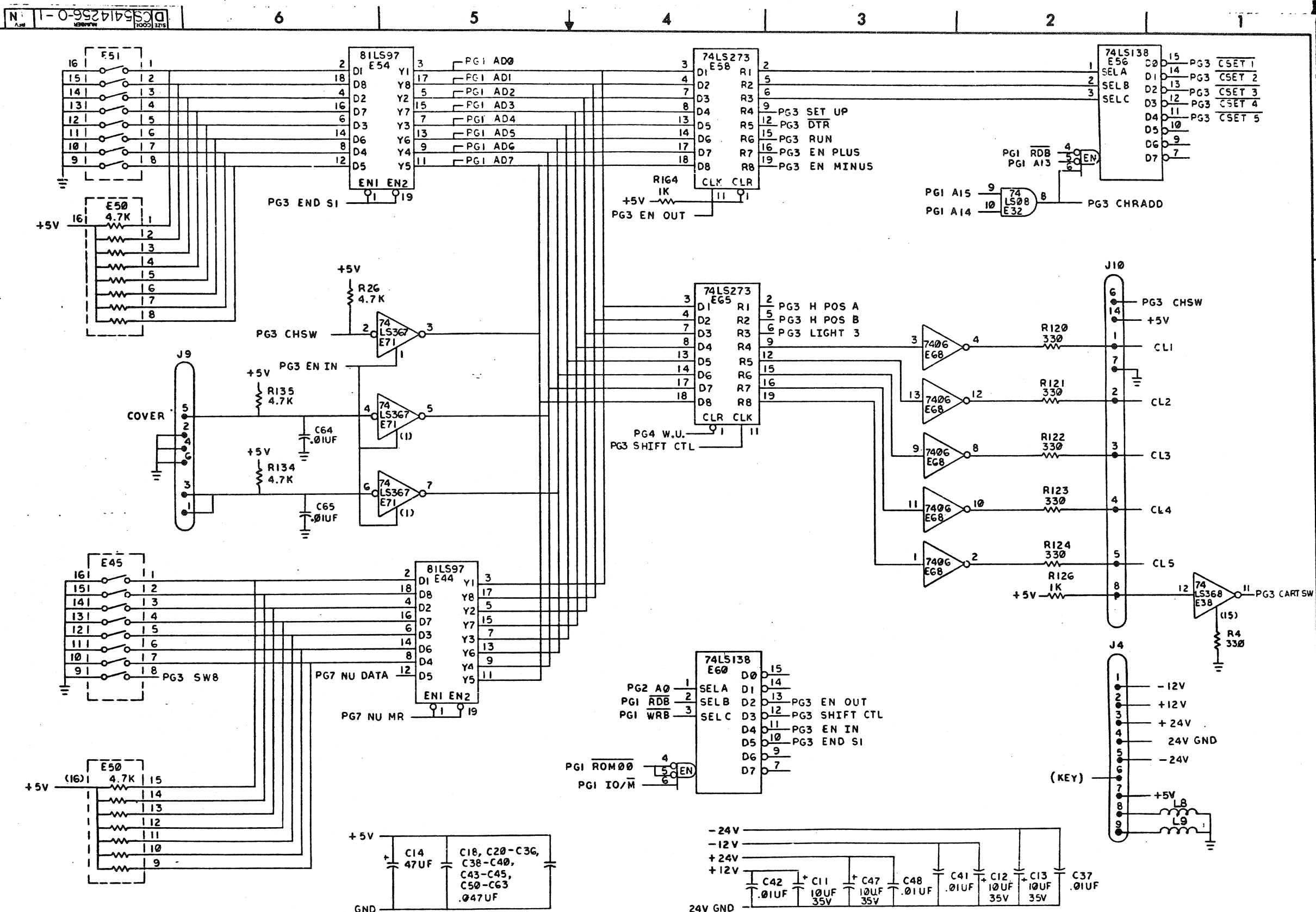
1. SHEET 8 OF 8 TO REPLACE SHEET 2 FOR DMT TESTING.
2. E39 AND E43 CAN NOT BE USED IF E63 AND THE MULTI FONT OPTION ARE INSTALLED.

REVISION HISTORY		
DATE	ECO NUMBER	REV

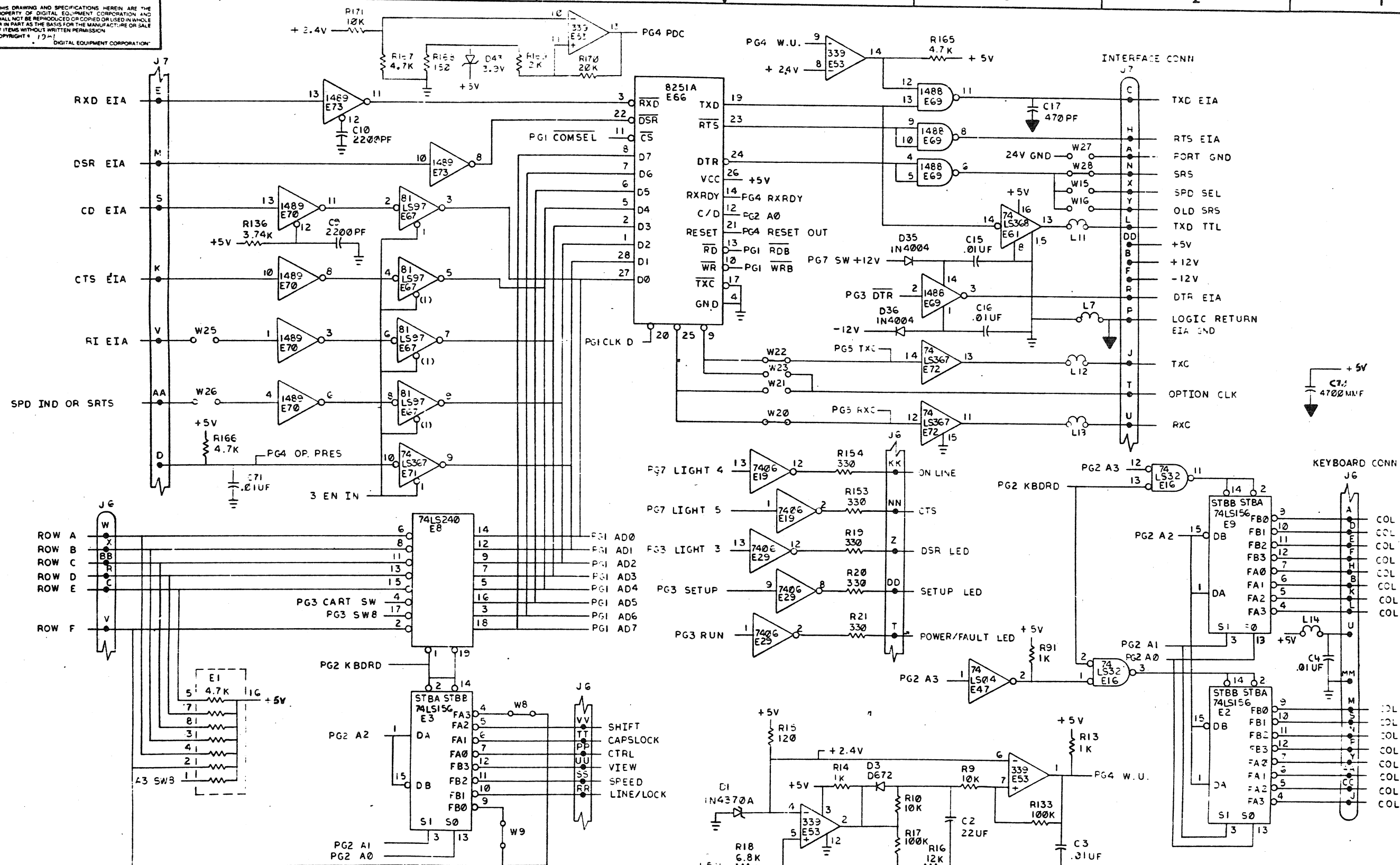
TITLE LA100
LOGIC BD (PG2)

DOCUMENT NUMBER		
SIZE	CODE	NUMBER
DCS	5414256-0-1	N
SCALE		SHEET 2 OF 8

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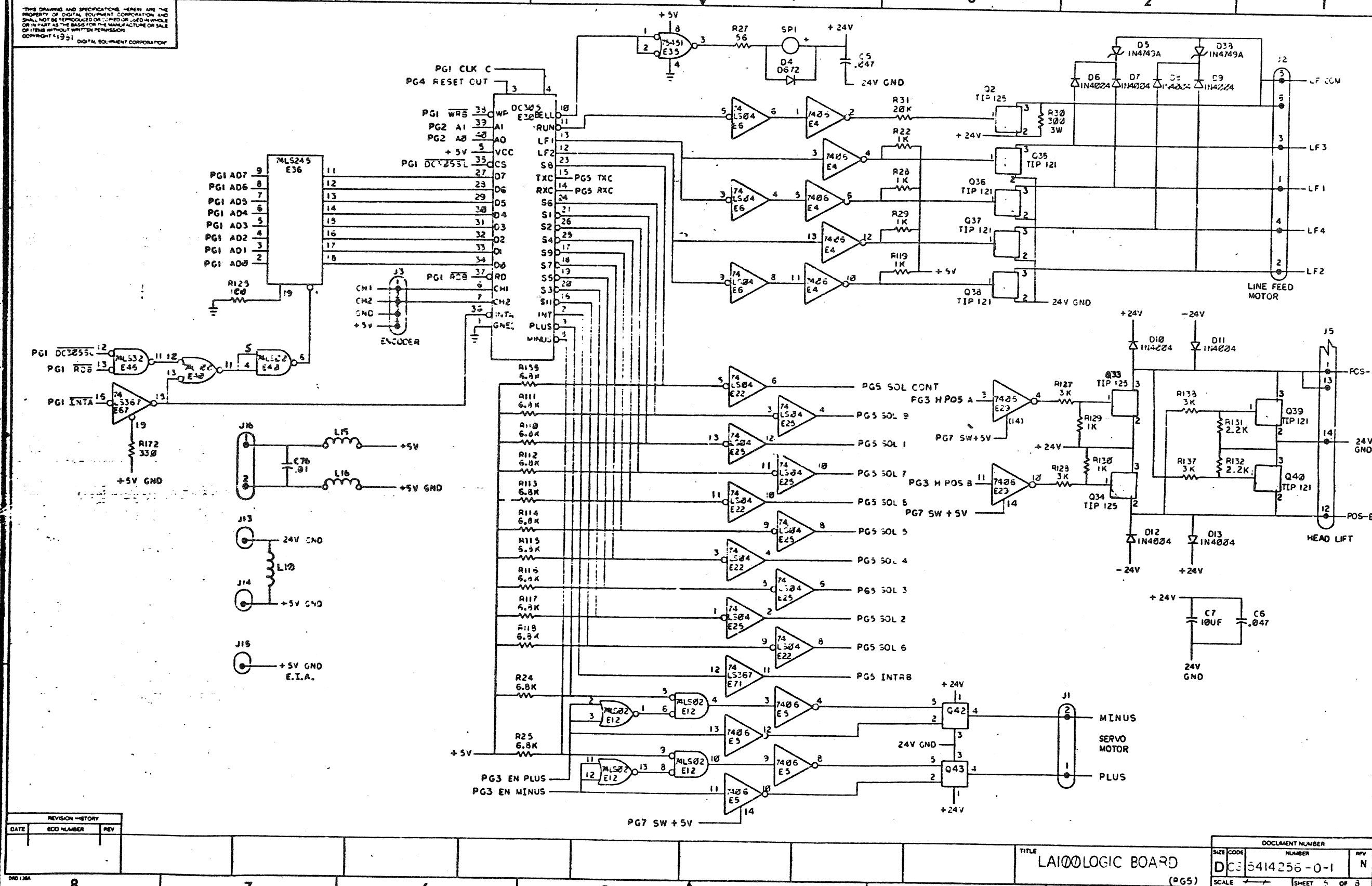


REVISION HISTORY		
DATE	ECO NUMBER	REV

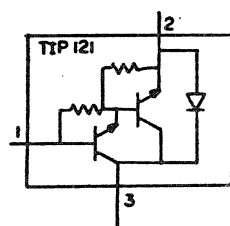
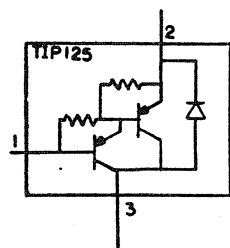
TITLE
LA100
LOGIC ED (PG4)

DOCUMENT NUMBER		
SIZE	CODE	NUMBER
D	CS	5414256-0-1
SCALE		SHEET 1 OF 1

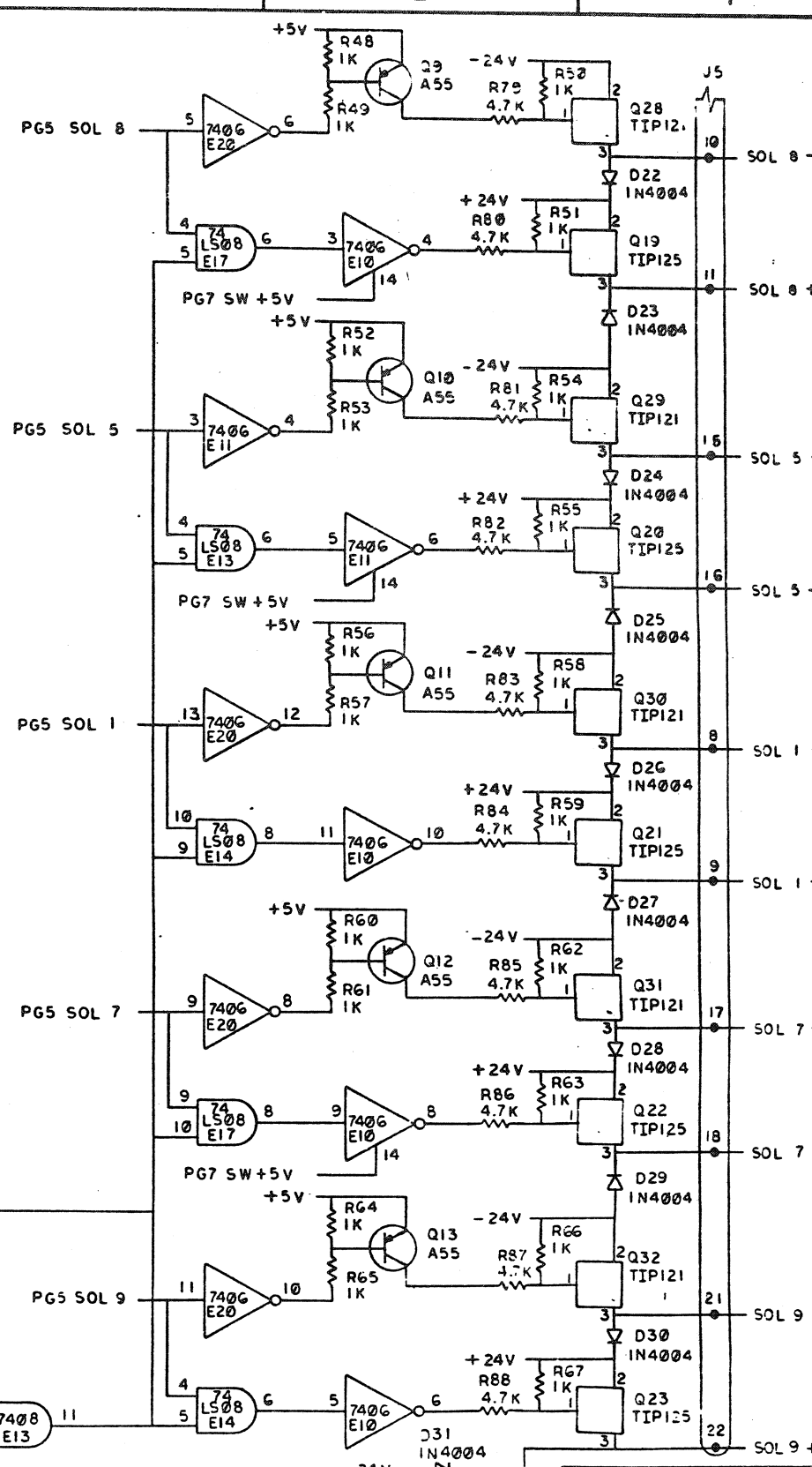
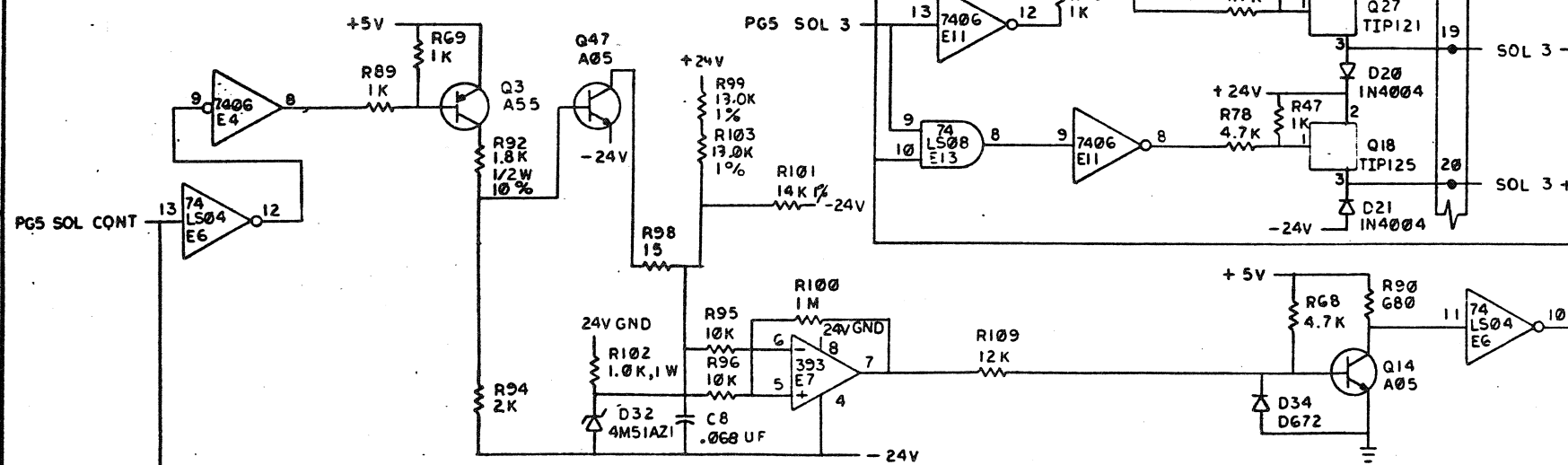
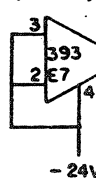
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SIZE	CODE	NUMBER	REV
D	C3	5414256-0-1	N
SCALE 		SHEET 5 OF 3	



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(SPARE)



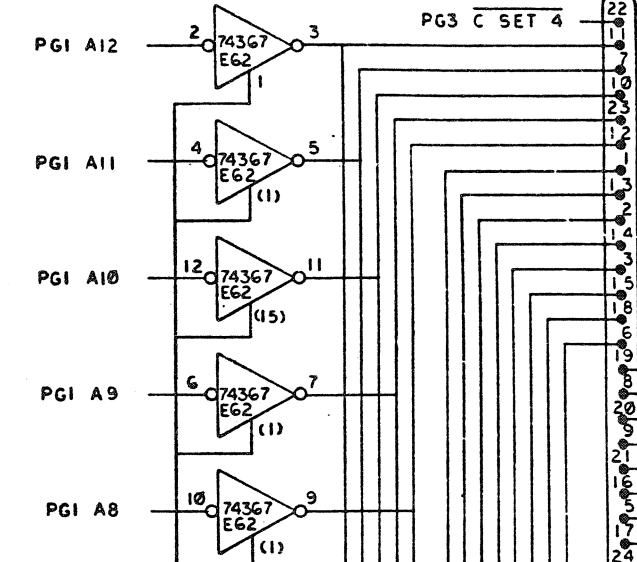
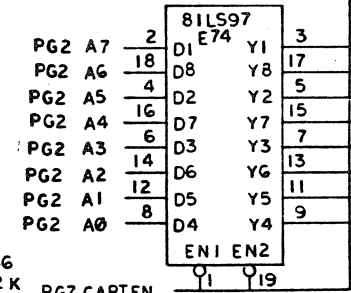
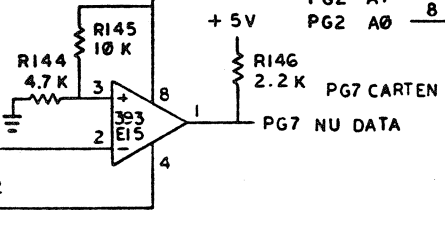
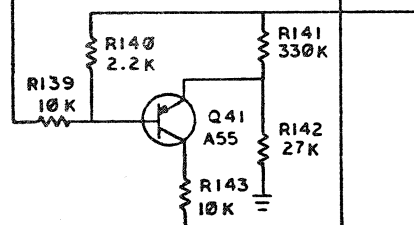
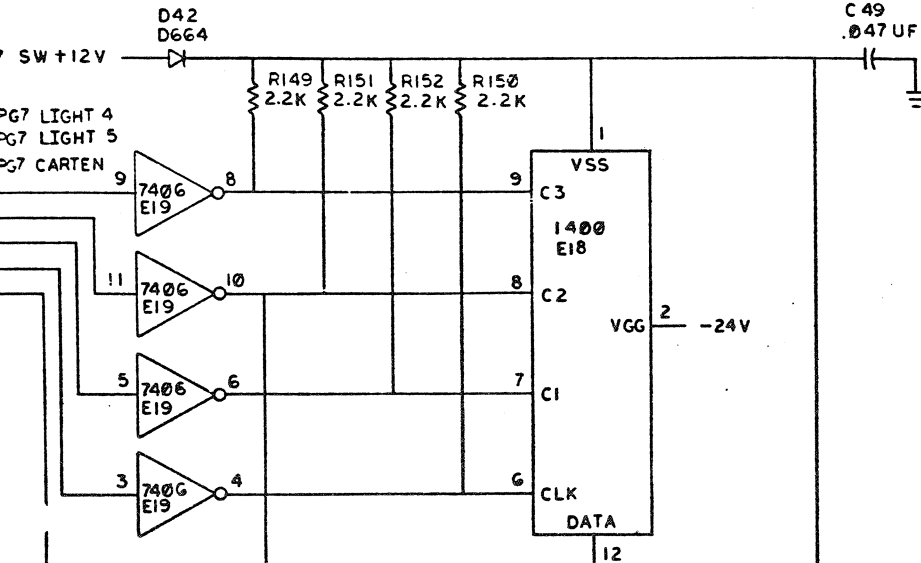
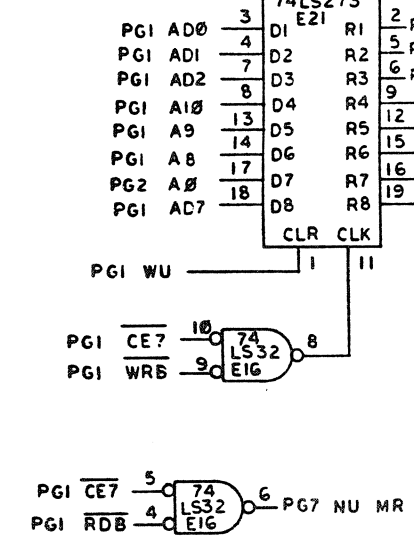
REVISION HISTORY		
DATE	ECO NUMBER	REV.

TITLE
LA100
LOGIC BD
(PG5)

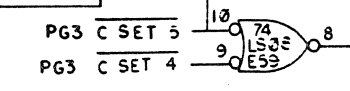
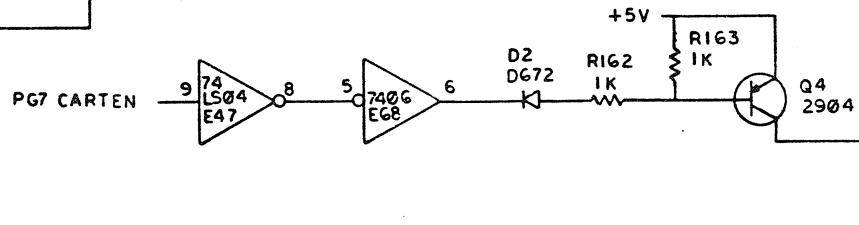
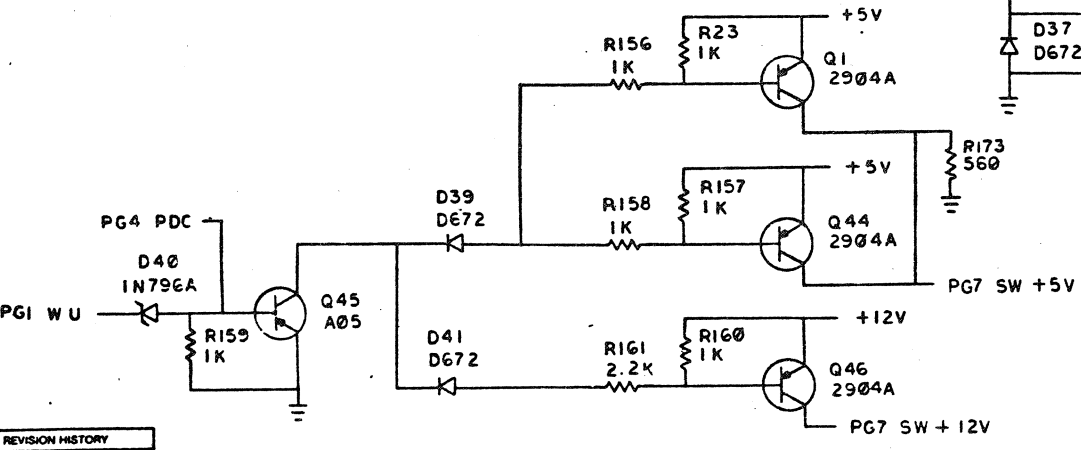
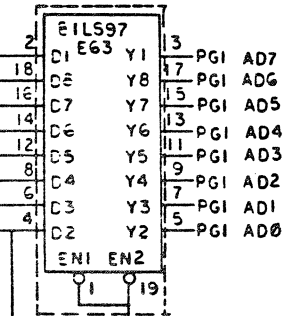
DOCUMENT NUMBER		
SIZE	CODE	NUMBER
D	C	5414256-0-1
SHEET 6 OF 6		

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8 7 6 5 4 3 2 1



NOTE E63 INSTALLED WHEN USING THE MULTIPLE FONT OPTION.



REVISION HISTORY		
DATE	ECO NUMBER	REV.

TITLE LA100 LOGIC BD. (PG7)

DOCUMENT NUMBER		REV.
SIZE CODE	NUMBER	
D	CS 5414256-0-1	N

8 7 6 5 4 3 2 1

58

