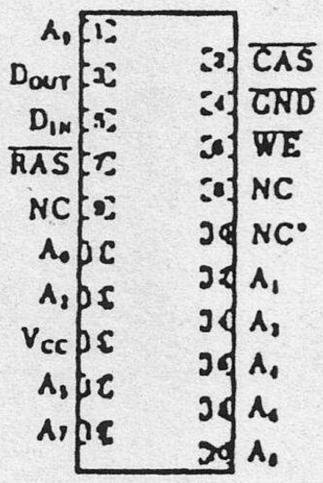
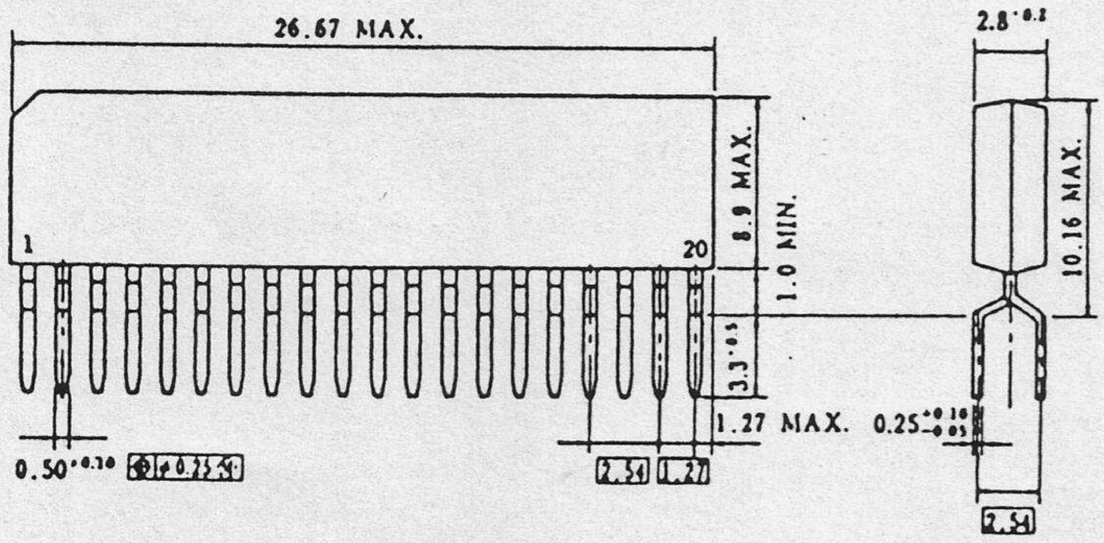
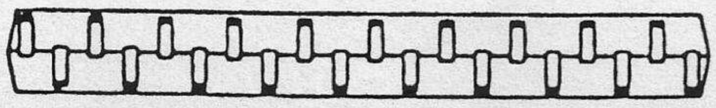
PIN ASSIGNMENTS



PACKAGING CONFIGULATION





ATARI CORPORATION	SIZE A	DRAWING NO. C103641-XXX	REV A
	SCALE NONE	SHEET 2 OF 2	

THIRD ANGLE SYSTEM DIMENSION : mm

REV	REVISIONS DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	10-24-89	

IC DRAM CMOS 1M × 1 ZIP

PART NO.	APPROVED VENDOR	VENDOR PART NO.	ACCESS TIME
C103641-001	NEC	μPD421000V-12	120 nsec
	TOSHIBA	TC511000Z-12	
	FUJITSU	MB81C1000-12	
C103641-002	NEC	μPD421000V-10	100 nsec
	TOSHIBA	TC511000Z-10	
	FUJITSU	MB81C1000-10	
C103641-003	NEC	μPD421000V-85	80 nsec
	TOSHIBA	TC511000Z-85	85 nsec
	FUJITSU	MB81C1000-85	

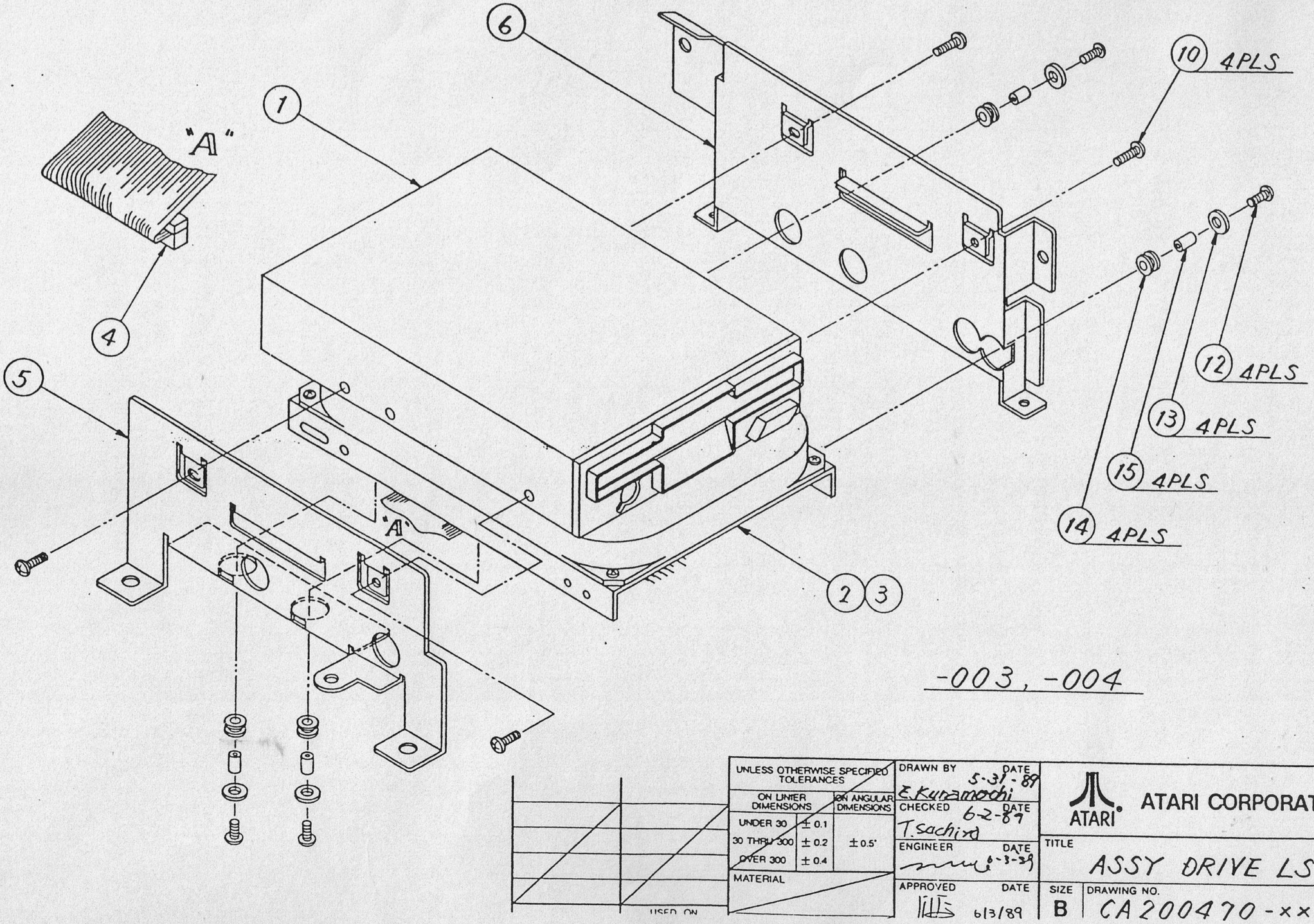
1. THIS DRAWING SHOWS PIN ASSIGNMENT AND PACKAGING CONFIGURATION FOR ZIP PACKAGE ONLY.
   REFER TO DWG NO. C101712-xxx (DIP PACKAGE)
   FOR OTHER SPECIFICATIONS.

NOTES - UNLESS OTHERWISE SPECIFIED

		DRAWN BY E. Kuramochi DATE 6-2-89	ATARI CORPORATION
		CHECKED T. Tsuchiya DATE 6-3-89	
		ENGINEER A. Shinagawa DATE 6-3-89	TITLE IC DRAM CMOS 1M × 1 ZIP
CA200527-xxx		APPROVED DATE	SIZE A / DRAWING NO. C103641-xxx / REV A
CA200528-xxx	LST		
NEXT ASSY	USED ON ORIGINAL MODEL	APPROVED S. Okahashi 6/3/89 DATE	SCALE NONE / SHEET 1 OF 2
APPLICATION			

THIRD ANGLE SYSTEM. DIMENSION : mm

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



-003, -004

UNLESS OTHERWISE SPECIFIED TOLERANCES		
ON LINEAR DIMENSIONS		ON ANGULAR DIMENSIONS
UNDER 30	± 0.1	± 0.5°
30 THRU 300	± 0.2	
OVER 300	± 0.4	
MATERIAL		

USED ON

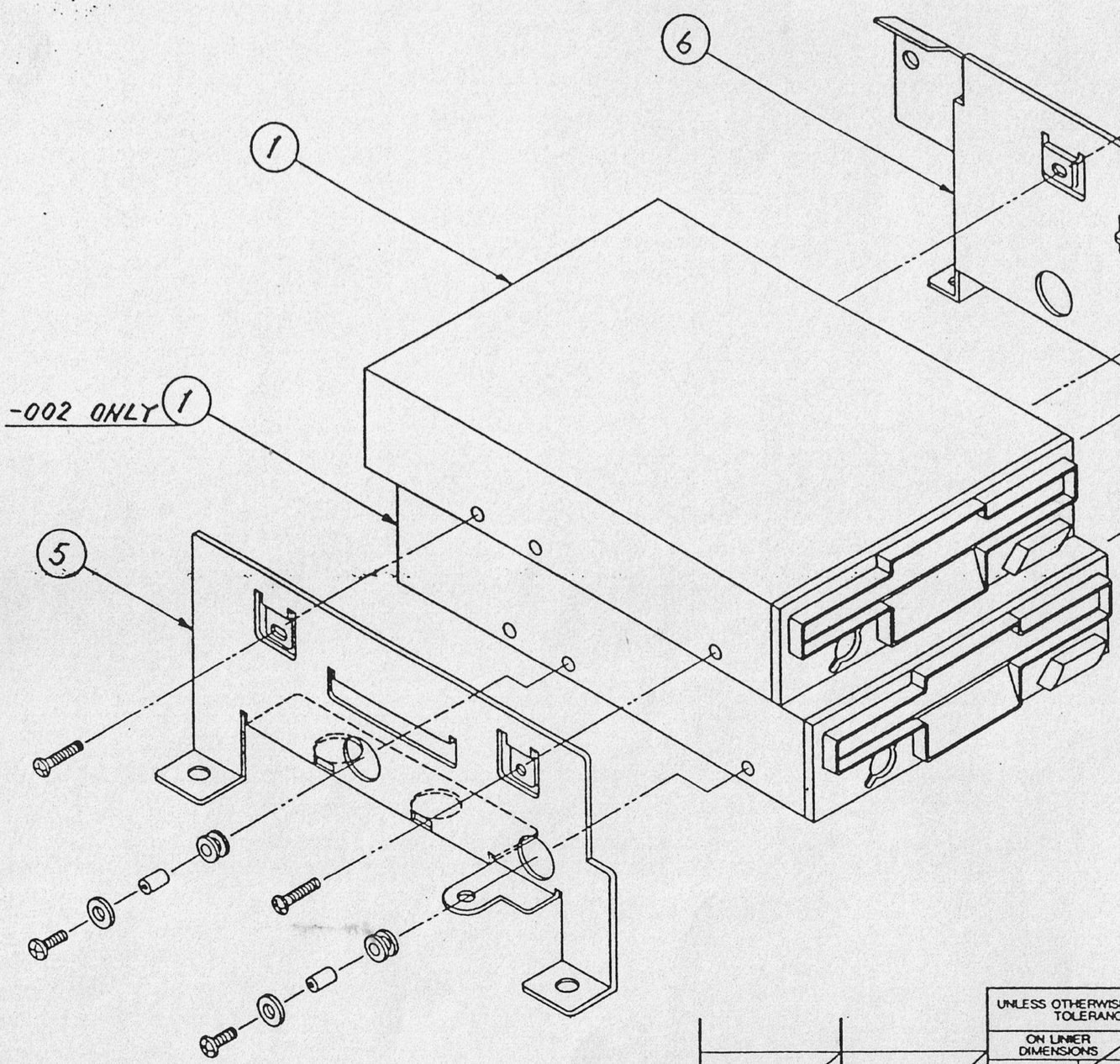
DRAWN BY / DATE	E. Kuramochi 5-31-89
CHECKED / DATE	T. Sachida 6-2-89
ENGINEER / DATE	6-3-89
APPROVED / DATE	6/3/89

ATARI CORPORATION

TITLE: ASSY DRIVE LST

SIZE	DRAWING NO.	REV
B	CA200470-xxx	B

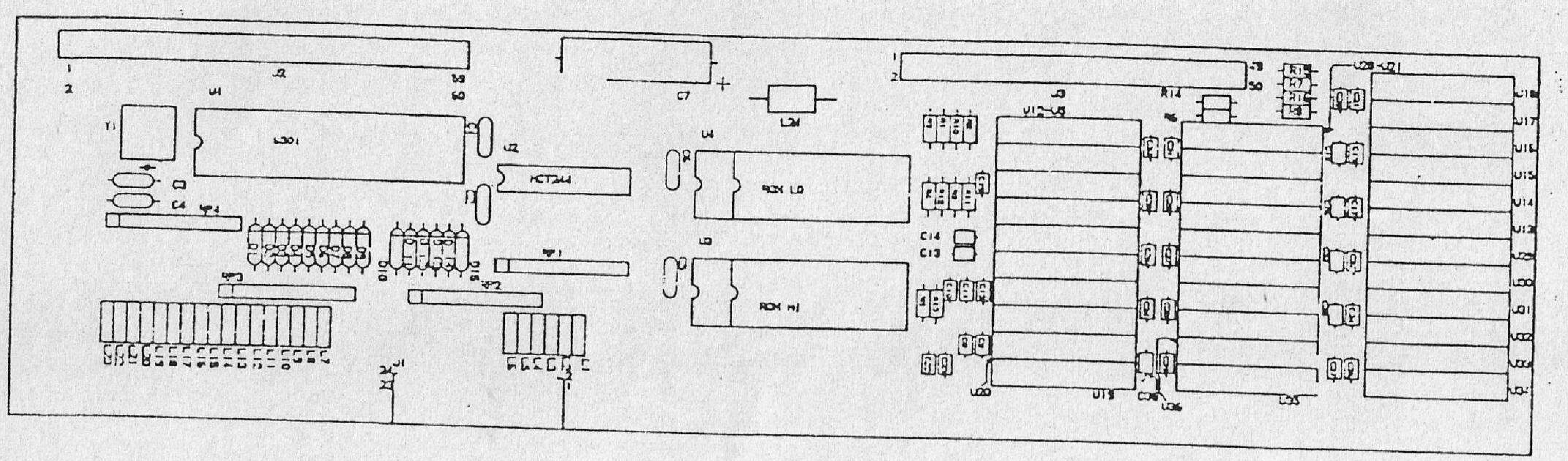
REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



-001, -002

UNLESS OTHERWISE SPECIFIED TOLERANCES	DRAWN BY / DATE 4-29-89 E. Kuramochi	ATARI CORPORATION
ON LINEAR DIMENSIONS: UNDER 30 ±0.1; 30 THRU 300 ±0.2; OVER 300 ±0.4 — ON ANGULAR DIMENSIONS ±0.5°	CHECKED / DATE 5-3-89 T. Tsuchiya	TITLE: ASSY DRIVE LST
MATERIAL	ENGINEER / DATE	
	APPROVED / DATE	SIZE B — DRAWING NO. CA20014.70-xxx — REV D

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



NOTES—UNLESS OTHERWISE SPECIFIED:

NEXT ASSY	USED ON ORIGINAL MODEL
APPLICATION	

UNLESS OTHERWISE SPECIFIED TOLERANCES		
ON LINEAR DIMENSIONS		ON ANGULAR DIMENSIONS
UNDER 30	±	
30 THRU 300	±	±
OVER 300	±	
MATERIAL		
FINISH		

	DATE
DRAWN BY L. Laaka.	6-2-89
CHECKED T. Tsuchiya	6-2-89
ENGINEER A. Shinagawa	6-2-89
APPROVED [signature]	6/3/89
APPROVED S. OKADA	6/3/89

ATARI CORPORATION

TITLE		
ASSY SUB PCB LST-4		
SIZE B	DRAWING NO. CA 200528-xxx	REV B
SCALE NONE		SHEET 6 OF 6

THIRD ANGLE SYSTEM. DIMENSION : mm

A / M	REV.	T I T L E	M O D E L	SHEET
CA200528-XXX	B	ASSY SUB PCB LST-4	LST	5 OF 6

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION									
				-001	-002	-003	-004	-005	-006	-007	-008	-011	-012
73	C014386-011	SOCKET 32PIN.	U3,4	2	2	2	2	2	2	2	2	2	2
74	C014386-09	SOCKET 40PIN	U1	1	1	1	1	1	1	1	1	1	1
75													

A / N	REV.	T I T L E	M O D E L	SHEET
CA200528-XXX	B	ASSY SUB PCB LST-4	LST	4 OF 6

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION									
				-001	-002	-003	-004	-005	-006	-007	-008	-011	-015
49	C301120-001	IC EPROM TOS 1.4,1MB CMOS LOW (USA)	U4	1	-	-	-	-	-	-	-	-	-
50	C301121-001	IC EPROM TOS 1.4,1MB CMOS HIGH (UK)	U3	-	1	-	-	-	-	-	-	-	-
51	C301122-001	IC EPROM TOS 1.4,1MB CMOS LOW (UK)	U4	-	1	-	-	-	-	-	-	-	-
52	C301123-001	IC EPROM TOS 1.4,1MB CMOS HIGH (FRE)	U3	-	-	1	-	-	-	-	-	-	-
53	C301124-001	IC EPROM TOS 1.4,1MB CMOS LOW (FRE)	U4	-	-	1	-	-	-	-	-	-	-
54	C301125-001	IC EPROM TOS 1.4,1MB CMOS HIGH (GER)	U3	-	-	-	1	-	-	-	-	-	-
55	C301126-001	IC EPROM TOS 1.4,1MB CMOS LOW (GER)	U4	-	-	-	1	-	-	-	-	-	-
56	C301127-001	IC EPROM TOS 1.4,1MB CMOS HIGH (SPA)	U3	-	-	-	-	-	-	1	-	-	-
57	C301128-001	IC EPROM TOS 1.4,1MB CMOS LOW (SPA)	U4	-	-	-	-	-	-	1	-	-	-
58	C301129-001	IC EPROM TOS 1.4,1MB CMOS HIGH (SWS/FRE)	U3	-	-	-	-	-	-	-	-	1	-
59	C301130-001	IC EPROM TOS 1.4,1MB CMOS LOW (SWS/FRE)	U4	-	-	-	-	-	-	-	-	1	-
60	C301131-001	IC EPROM TOS 1.4,1MB CMOS HIGH (SWS/GER)	U3	-	-	-	-	-	-	-	-	-	1
61	C301132-001	IC EPROM TOS 1.4,1MB CMOS LOW (SWS/GER)	U4	-	-	-	-	-	-	-	-	-	1
62	C301133-001	IC EPROM TOS 1.4,1MB CMOS HIGH (SWD)	U3	-	-	-	-	-	-	-	1	-	-
63	C301134-001	IC EPROM TOS 1.4,1MB CMOS LOW (SWD)	U4	-	-	-	-	-	-	-	1	-	-
64													
65													
66													
67													
68													
69													
70	C101953-019	CONN FFC 24PIN RIGHT ANGLE	J1	1	1	1	1	1	1	1	1	1	1
71	C070645-008	CONN SOCKET 50PIN DOUBLE	J3	1	1	1	1	1	1	1	1	1	1
72	C070645-009	CONN SOCKET 60PIN DOUBLE	J2	1	1	1	1	1	1	1	1	1	1

A / M	REV.	TITLE	MODEL	SHEET
CA200528-XXX	B	ASSY SUB PCB LST-4	LST	3 OF 6

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION -001	-002	-003	-004	-005	-006	-007	-008	-011	-015
25	C101403-002	NOISE FILTER ZJS5101-102	L1~23	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL
26	C101404-002	NOISE FILTER STB102KB	L1~23	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL
27	C101403-102	NOISE FILTER ZJSR5101-102	L1~23	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL
28													
29													
30													
31													
32	31-1N914	DIODE 1N914	D1~15	15	15	15	15	15	15	15	15	15	15
33	C060607-001	DIODE 1N4148	D1~15	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL
34													
35													
36													
37	C070791-001	CRYSTAL 4MHZ	Y1	1	1	1	1	1	1	1	1	1	1
38	C070791-002	CRYSTAL 4MHZ	Y1	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL
39													
40													
41													
42	C103641-001	IC DRAM CMOS 1M X 1 ZIP 120NS	U5~36	32	32	32	32	32	32	32	32	32	32
43	C103641-002	IC DRAM CMOS 1M X 1 ZIP 100NS	U5~36	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL
44	C103641-003	IC DRAM CMOS 1M X 1 ZIP 80NS	U5~36	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL
45	C101615-244	IC 74HCT244 CMOS 3-STATE LINE BUFFER	U2	1	1	1	1	1	1	1	1	1	1
46	C070122-002	IC 6301V1 1-CHIP CPU VER 2.0	U1	1	1	1	1	1	1	1	1	1	1
47													
48	C301119-001	IC EPROM TOS 1.4,1MB CMOS HIGH (USA)	U3	1	-	-	-	-	-	-	-	-	-

A / M	REV.	T I T L E	M O D E L	SHEET
CA200528-XXX	B	ASSY SUB PCB LST-4	LST	2 OF 6

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION									
				-001	-002	-003	-004	-005	-006	-007	-008	-011	-016
1	C103639-001	SCHEMATIC DIAGRAM SUB PCB LST-4		RE	RE	RE	RE	RE	RE	RE	RE	RE	RE
2	C103423-001	PCB FABRICATION SUB PCB LST		RE	RE	RE	RE	RE	RE	RE	RE	RE	RE
3	C103640-001	PCB SUB PCB LST-4		1	1	1	1	1	1	1	1	1	1
4													
5													
6													
7	C014179-13	CAP CER AXIAL 20PF 50V 5% CH	C3.4	2	2	2	2	2	2	2	2	2	2
8	C070480-001	CAP CER AXIAL 0.1UF 25V Z	C1.2.5.6	4	4	4	4	4	4	4	4	4	4
9	C101207-224	CAP CER AXIAL 0.22UF 50V Z5U	C8~39	32	32	32	32	32	32	32	32	32	32
10	C101205-102	CAP ELEC AXIAL 1000UF 16V	C7	1	1	1	1	1	1	1	1	1	1
11													
12	14-5680	RES 68 OHM 1/4W 5%	R1~16	16	16	16	16	16	16	16	16	16	16
13	C101015-103	RES NETWORK 10K OHM X 9	RP1 ECO# 01391	1	1	1	1	1	1	1	1	1	1
14	C101015-303	RES NETWORK 30K OHM X 9	RP2~4 ECO# 01391	3	3	3	3	3	3	3	3	3	3
15													
16													
17													
18													
19													
20	C070741-001	INDUCTOR AXIAL 10UH 10%	L24	1	1	1	1	1	1	1	1	1	1
21													
22													
23	C070241-002	NOISE FILTER ZJS5101-02	L1~23	23	23	23	23	23	23	23	23	23	23
24	C100091-002	NOISE FILTER DSS306-55B 102M 100V	L1~23	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL

A / N	REV.	T I T L E	M O D E L	SHEET
CA200478-XXX	B	ASSY LED PCB LST	LST	4 OF 5

ATARI
CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION -001
49				
50				
51	C103460-001	SHIELD CONTROL TOP		1
52	C103461-001	SHIELD CONTROL BOTTOM		1
53	C103463-001	LED GUIDE		1
54	C103904-005	INSULATOR 67 X 5	ECO# 01376	1
55	C103904-006	INSULATOR 7 X 7	ECO# 01376	1
56	C103441-001	VOLUME KNOB		3
57				

A / N	REV.	TITLE	MODEL	SHEET
CA200478-XXX	B	ASSY LED PCB LST	LST	3 OF 5

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION -001
25				
26				
27	C101401-221	INDUCTOR AXIAL 220UH 10%	L1	1
28				
29				
30	C101628-001	IC LM386 OP AMP	U1	1
31	C101799-001	IC LM337LZ ADJUSTABLE REGULATOR	U2	1
32	C070810-001	IC PC817 PHOTO COUPLER	U3	1
33				
34				
35				
36	C103504-004	LED YELLOW	D1,2	2
37	C103503-004	LED 2 COLOR	D3	1
38				
39				
40				
41	C101959-013	CONN HEADER 14PIN RIGHT ANGLE	J1	1
42	C101959-009	CONN HEADER 10PIN RIGHT ANGLE	J2	1
43	C101956-002	CONN FFC 16PIN RIGHT ANGLE	J3	1
44	C101959-001	CONN HEADER 2PIN RIGHT ANGLE	J4,5	2
45				
46				
47	C103605-201	WIRE AWG28 (WHITE)	FOR ITEM 17	2
48				

A / N	REV.	T I T L E	M O D E L	SHEET
CA200478-XXX	B	ASSY LED PCB LST	LST	2 OF 5

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION -001
1	C103509-001	SCHEMATIC DIAGRAM LED PCB		RE
2	C103499-001	PCB FABRICATION LED PCB		RE
3	C103500-001	PCB LED		1
4				
5				
6				
7				
8	C014180-18	CAP CER AXIAL 0.01UF 50V 20% CH	C1	1
9	C101225-331	CAP ELEC RADIAL 330UF 6.3V	C2	1
10	C101237-100	CAP ELEC RADIAL 10UF 35V (SMALL)	C4,5	2
11	C101236-101	CAP ELEC RADIAL 100UF 16V (SMALL)	C3	1
12	C101242-010	CAP ELEC RADIAL 1UF 50V (SMALL)	C6	1
13				
14				
15	C101016-001	RES VARIABLE 500 OHM	VR3	1
16	C101016-006	RES VARIABLE 10K OHM	VR1	1
17	C101016-104	RES VARIABLE 3K OHM W/SW	VR2	1
18	14-5241	RES CARBON AXIAL 240 OHM 1/4W 5%	R3	1
19	14-5272	RES CARBON AXIAL 2.7K OHM 1/4W 5%	R4	1
20	14-5102	RES CARBON AXIAL 1K OHM 1/4W 5%	R2	1
21	14-5303	RES CARBON AXIAL 30K OHM 1/4W 5%	R1	1
22	14-5751	RES CARBON AXIAL 750 OHM 1/4W 5%	R5	1
23				
24				

A / M	REV.	TITLE	MODEL	SHEET
CA200464-XXX	A	ASSY PCB LST	LST	8 OF 9

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION
145	C070761-001	SOCKET SHUNT	J13 PIN1-2	1
146	C014386-09	SOCKET 40PIN	U17,20	2
147	C070120-002	SOCKET 68PIN PLCC	U9,19	2
148	C070718-001	PLCC STOPPER 68PIN	U9,19	2
149	C100384-001	SOCKET 84PIN PLCC	U30	1
150	C100386-001	PLCC STOPPER 84PIN	U30	1
151	CA070023-003	CABLE 4P ASSEMBLED	J26,27	2
152	C014386-05	SOCKET 20PIN	U25	1
153	C103655-001	BATTERY LITHIUM 3V 560MAH	LB	1
154				
155				

A / M	REV.	TITLE	MODEL	SHEET
CA200464-XXX	A	ASSY PCB LST	LST	7 OF 9

ATARI
CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION
121	C070033-001	CONN DIN 5PIN MIDI	J2,3	2
122	C070132-003	CONN DB-25P RS232C	J5 (HOOK TYPE)	1
123	C070133-003	CONN DB-25S PARALLEL	J4 (HOOK TYPE)	1
124	C070130-003	CONN DB-19S HARD DISK	J6 (HOOK TYPE)	1
125	C070131-001	CONN DIN 14PIN FLOPPY DISK	J8	1
126	C101969-001	CONN DIN 13PIN WITH SWITCH	J9	1
127				
128	C101901-005	CONN HEADER DOUBLE 30PIN STRAIGHT	J11	1
129	C100307-002	CONN HEADER 4PIN SIP	J13	1
130	C101936-001	DC POWER JACK 2DIA	J14	1
131	C101929-001	CONN HEADER SINGLE 2PIN RIGHT ANGLE	J15	1
132	C100307-003	CONN HEADER 5PIN SIP	J18	1
133	C101968-002	CONN HEADER 10PIN SIP	J16	1
134	C101901-008	CONN HEADER DOUBLE 50PIN STRAIGHT	J25	1
135	C101901-009	CONN HEADER DOUBLE 60PIN STRAIGHT	J24	1
136	C019062-001	RIGHT ANGLE POST CONTACT "D" 9PIN	J19,21	2
137	C101952-013	CONN HEADER 14PIN STRAIGHT	J22	1
138	C101952-009	CONN HEADER 10PIN STRAIGHT	J23	1
139	C101956-001	CONN FFC 8PIN RIGHT ANGLE	J20	1
140	C101968-003	CONN HEADER 15PIN SIP	J17	1
141	C101901-006	CONN HEADER DOUBLE 34PIN STRAIGHT	J7	1
142				
143				
144				

A / M	REV.	TITLE	MODEL	SHEET
CA200464-XXX	A	ASSY PCB LST	LST	6 OF 9

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION
97	C101621-001	IC TL7705A	U1	1
98	C025988-001	IC PC900 PHOTO COUPLER	U5	1
99	C101614-001	IC 74HC00 QUAD 2-INPUT NAND GATE	U14	1
100	C101622-001	IC RP5C15 REAL TIME CLOCK	U15	1
101	C103663-001	IC EPL16P8BP	U25	1
102	C101615-002	IC 74HCT02 CMOS QUAD 2-INPUT NOR GATE	U13	1
103	C070210-001	IC 7406 HEX INVERTER O.C	U16	1
104	C062080-001	IC 7407 HEX BUFFER O.C	U2,28	2
105	C101615-032	IC 74HCT32 CMOS QUAD 2-INPUT OR GATE	U27	1
106	C101611-148	IC 74LS148 8 TO 3 PRIORITY ENCODER	U26	1
107	C101615-244	IC 74HCT244 CMOS 3-STATE LINE BUFFER	U21,23,33	3
108	C101615-373	IC 74HCT373 CMOS LATCH	U22,24	2
109	C101775-001	IC SHADOW	U30	1
110	C300069-002	IC SRAM CMOS 120NS	U31	1
111				
112				
113				
114				
115				
116				
117	C070119-001	SWITCH PUSH	S1	1
118	CA070072-001	SWITCH PUSH ASSY	S1	AL
119	C103494-001	SWITCH SLIDE SELECT 4POLE 2POSITION	S2	1
120	C070129-001	CONN 40PIN RIGHT ANGLE	J1	1

A / M	REV.	T I T L E	M O D E L	SHEET
CA200464-XXX	A	ASSY PCB LST	LST	5 OF 9

ATARI
CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION
73	C101840-001	DIODE RECTIFIER SCHOTTKY	D20	1
74				
75				
76				
77	34-2N3904	TRANSISTOR 2N3904	Q1,Q3-8	7
78	33-2N3906	TRANSISTOR 2N3906	Q2,9,10,11	4
79				
80	C025993-001	CRYSTAL 2.4576MHZ	Y1	1
81	C100232-001	CRYSTAL 32.768KHZ	Y2	1
82	C100281-001	OSCILLATOR MODULE 32.04245MHZ	OSC1	1
83				
84	C070857-001	IC 74LS11 TRIPLE 3-INPUT AND GATE	U3	1
85	C101774-001	IC 68HC000 CMOS CPU	U4	1
86	C025913-001	IC CUSTOM DMA CONTROLLER	U17	1
87	C025915-001	IC CUSTOM GLUE	U9	1
88	C025914-001	IC VIDEO SHIFTER (GATE ARRAY)	U20	1
89	C025912-001	IC CUSTOM MMU	U19	1
90	C025983-001	IC YM2149 SOUND	U8	1
91	C101779-001	IC 6350 CMOS ACIA	U6,7	2
92	C025984-001	IC 68901 MFP	U10	1
93	C101777-001	IC 14C88 CMOS RS232C DRIVER	U11	1
94	C101778-001	IC 14C89A CMOS RS232C RECEIVER	U12	1
95	C026028-002	IC 1772 FDD CONTROLLER	U18	1
96				

A / N	REV.	T I T L E	M O D E L	SHEET
CA200464-XXX	A	ASSY PCB LST	LST	4 OF 9

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION
49	14-5752	RES CARBON AXIAL 7.5K OHM 1/4W 5%	R74,77,80	3
50	14-5200	RES CARBON AXIAL 20 OHM 1/4W 5%	R113	1
51	C070567-004	RES NETWORK 1K OHM X 6	RP7	1
52	C070159-006	RES NETWORK 4.7K OHM X8	PR1~4	4
53	C070448-001	RES NETWORK 10K OHM X 8	PR5,6	2
54				
55				
56				
57				
58				
59				
60	C070205-001	INDUCTOR AXIAL 0.27UH 20%	L28	1
61	C014384-001	INDUCTOR AXIAL FERRITE BEAD	L1,8,27,29	4
62	C103662-001	LINE FILTER	LF	1
63				
64				
65				
66	C070241-002	NOISE FILTER ZJS5101-02	L2~7,9~26,30~53	48
67	C100091-002	NOISE FILTER DSS306-55B 102M 100V	L2~7,9~26,30~53	AL
68	C101403-002	NOISE FILTER ZJS5101-102	L2~7,9~26,30~53	AL
69	C101404-002	NOISE FILTER STB102KB	L2~7,9~26,30~53	AL
70	C101403-102	NOISE FILTER ZJSR5101-102	L2~7,9~26,30~53	AL
71	31-1N914	DIODE 1N914	D1,3~18	17
72	C101805-001	DIODE ISS108 SCHOTTKY BARRIER	D2	1

A / M	REV.	T I T L E	M O D E L	SHEET
CA200464-XXX	A	ASSY PCB LST	LST	3 OF 9

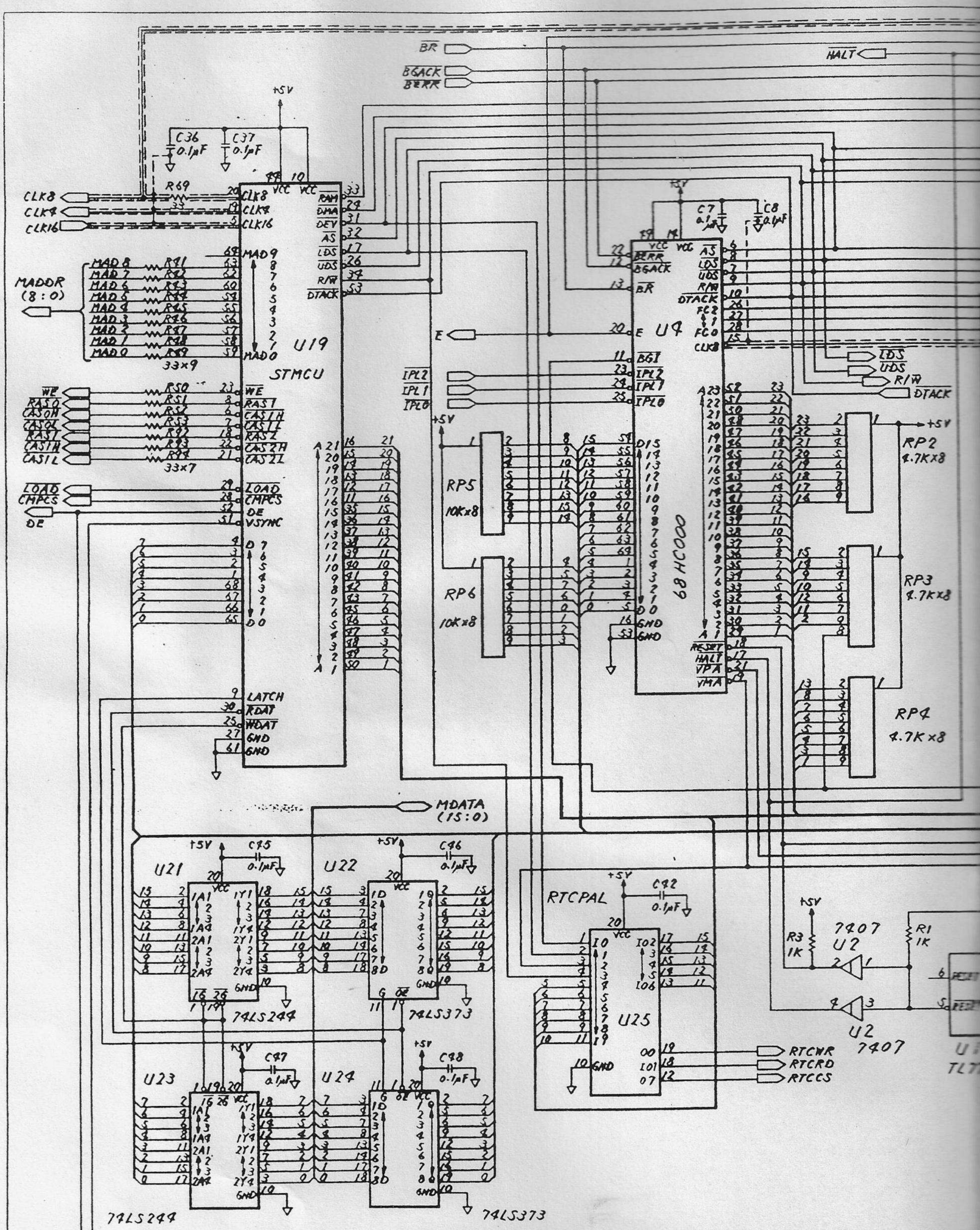
ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION
25				
26				
27	14-5330	RES CARBON AXIAL 33 OHM 1/4W 5%	R41~53,69,92~94,118~134,137	35
28	14-5270	RES CARBON AXIAL 27 OHM 1/4W 5%	R54,56,59,62	4
29	14-5470	RES CARBON AXIAL 47 OHM 1/4W 5%	R37~40	4
30	14-5101	RES CARBON AXIAL 100 OHM 1/4W 5%	R55,57,60,64,72,95	6
31	14-5151	RES CARBON AXIAL 150 OHM 1/4W 5%	R16,71,136	3
32	14-5221	RES CARBON AXIAL 220 OHM 1/4W 5%	R8,10~13,36,100,101,114,116	10
33	14-5471	RES CARBON AXIAL 470 OHM 1/4W 5%	R19	1
34	14-5102	RES CARBON AXIAL 1K OHM 1/4W 5%	R1~3,14,17,23,29,30,32~35,61,63,97~99 115,117,135	20
35	14-5122	RES CARBON AXIAL 1.2K OHM 1/4W 5%	R58	1
36	14-5222	RES CARBON AXIAL 2.2K OHM 1/4W 5%	R4	1
37	14-5242	RES CARBON AXIAL 2.4K OHM 1/4W 5%	R82~84	3
38	14-5332	RES CARBON AXIAL 3.3K OHM 1/4W 5%	R20	1
39	14-5362	RES CARBON AXIAL 3.6K OHM 1/4W 5%	R86,88,90	3
40	14-5472	RES CARBON AXIAL 4.7K OHM 1/4W 5%	R5,9,21,22,31,96	6
41	14-5392	RES CARBON AXIAL 3.9K OHM 1/4W 5%	R73,76,79	3
42	14-5512	RES CARBON AXIAL 5.1K OHM 1/4W 5%	R15,85,87,89	4
43	14-5682	RES CARBON AXIAL 6.8K OHM 1/4W 5%	R67	1
44	14-5103	RES CARBON AXIAL 10K OHM 1/4W 5%	R6,7,18,25~28,65,66,70,91,102	12
45	14-5153	RES CARBON AXIAL 15K OHM 1/4W 5%	R75,78,81	3
46	14-5105	RES CARBON AXIAL 1K OHM 1/4W 5%	R111,112	2
47	14-5680	RES CARBON AXIAL 68 OHM 1/4W 5%	R106~109	4
48	14-5513	RES CARBON AXIAL 51K OHM 1/4W 5%	R24	1

A / M	REV.	TITLE	MODEL	SHEET
CA200464-XXX	A	ASSY PCB LST	LST	2 OF 9

ATARI CORPORATION

ITM NO.	PART NUMBER	DESCRIPTION	REMARKS	QTY. REQUIRED PER VERSION ---
1	C103419-001	SCHEMATIC DIAGRAM LST		RE
2	C103420-001	PCB FABRICATION LST		RE
3	C103421-001	PCB LST		1
4				
5				
6				
7	C014179-30	CAP CER AXIAL 30PF 50V 5% CH	C19,20	2
8	C014179-23	CAP CER AXIAL 39PF 50V 5% CH	C51	1
9	C014179-008	CAP CER AXIAL 100PF 50V 5% SL	C23~26	4
10	C070480-001	CAP CER AXIAL 0.1UF 25V Z	C1,2,4,6~13,16,18,21,22,27,28,30, 33~39,41~50,57,58,59,64,65,66	41
11	C014371-001	CAP ELEC AXIAL 10UF 16V	C56	1
12	C070157-004	CAP ELEC RADIAL 47UF 16V	C14,15	2
13	C070499-004	CAP ELEC AXIAL 100UF 16V	C17,29	2
14	C070499-005	CAP ELEC AXIAL 220UF 16V	C60	1
15	C014181-07	CAP CER AXIAL 0.47UF 25V Z	C40	1
16	C070474-001	CAP TRIMMER 5-30PF	C32	1
17	C024218-001	CAP ELEC AXIAL 2200UF 16V	C61	1
18				
19	C070157-001	CAP ELEC RADIAL 10UF 16V	C3	1
20	C070157-005	CAP ELEC RADIAL 100UF 16V	C31	1
21				
22				
23				
24				



1| DIFFERENCE: PCB BATTERY CONNECTOR (P/N C103498).
PCB FABRICATION BATTERY CONNECTOR (P/N C103497).

2 NOISE FILTER : SEE DETAIL "A".

1 RESISTORS ARE MEASURED IN OHMS.

NOTES -UNLESS OTHERWISE SPECIFIED:

REV	REVISIONS DESCRIPTION	DATE	APPROVED
1	ENGINEERING ISSUE	1-9-89	

RP1 2.7K x8

U9 GLUE

U3 74LS11

U26 74LS148

U27 74LS32

R6, R7, R66 10K x3

RP7 1K

R4 2.2K

R5 2.7K

R2 1K

C1 0.1µF

C2 0.1µF

C3 10µF

C8 0.1µF

C12 0.1µF

C23 0.1µF

C24 0.1µF

S1 RESET

J10-a EXPANSION 72 PIN (24PIN x 3)

J10-b

J10-c

CA200469-XXX	STACY
NEXT ASSY	BSED ON ORIGINAL MODEL
APPLICATION	

UNLESS OTHERWISE SPECIFIED TOLERANCES

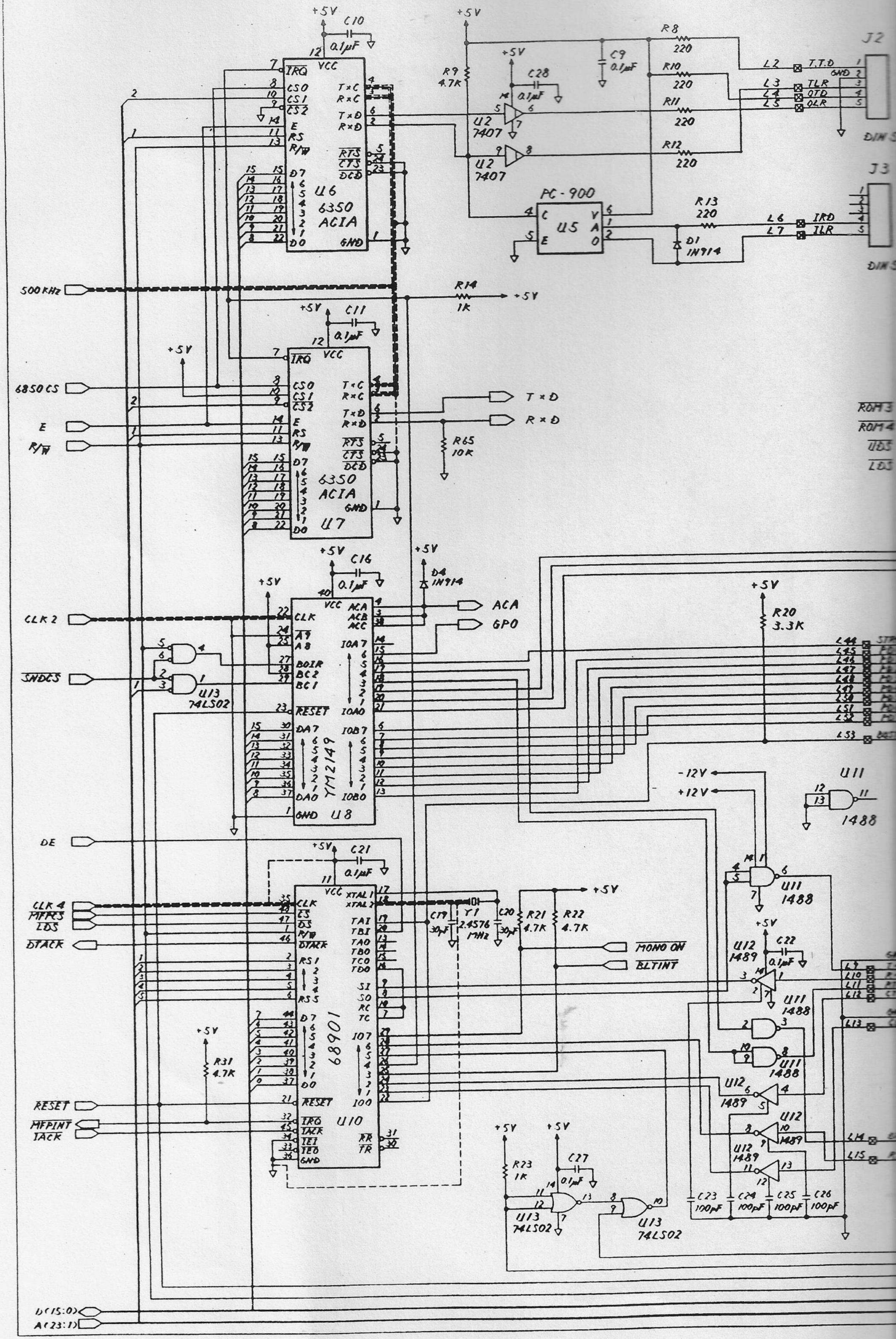
DRAWN BY	N. Hamme	DATE 11-8-88
CHECKED	T. Tsuchiya	DATE 12-8-88
ENGINEER	G. Yokubu	DATE 12-9-88
APPROVED		DATE
APPROVED		DATE 1/4/89

ATARI CORPORATION

TITLE SCHEMATIC DIAGRAM STACY

SIZE D DRAWING NO C103419 REV 1

SCALE NONE SHEET 1 OF 4


+5V
C10
0.1µF
U6
6350
ACIA
IRQ
VCC
CS0
CS1
CS2
E
RS
R/W
D7
D0
TxC
RxC
TxD
RxD
RTS
CTS
DCD
GND
500KHz
6850 CS
E
R/W
U7
C11
C16
C21
U8
YM2149
U10
68901
U5
PC-900
U2
7407
C9
0.1µF
C28
R8
R9
4.7K
R10
R11
R12
220
R13
R14
1K
R65
10K
R20
3.3K
R31
4.7K
J2
J3
T.T.D
TLR
QTD
QLR
IRD
ILR
GND
DIN 5
D1
IN914
D4
IN914
ACA
GPO
T x D
R x D
CLK 2
SNDES
U13
74LS02
RESET
DE
CLK 4
MFPCS
DOS
DTACK
MFPINT
IACK
D(15:0)
A(23:1)
C17
30pF
Y1
2.4576
MHz
C20
30pF
R21
4.7K
R22
4.7K
MONO ON
BLTINT
-12V
+12V
U11
1488
U12
1489
C22
C23
100pF
C24
100pF
C25
100pF
C26
100pF
R23
1K
C27
0.1µF
ROM3
ROM4
UDS
LDS

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		

MIDI OUT

MIDI IN

PARALELL PORT DB-25S

SERIAL PORT DB-25P

J1 — 40P CART

J4

J5

J6 — DMA PORT DB-19S

J7 — INTERNAL FDD CONTROL — 34 DRS

J8 — EXTERNAL FDD CONTROL — DIN 14

J11 — INTERNAL DMA 30 DRS

J26 — FDD POWER

J27

L1

C6 0.1μF

C29 100μF

C60 220μF 16V

C59 0.1μF

C49 0.1μF

C33 0.1μF

C35 0.1μF

C34 0.1μF

C61 1000μF

C64 0.1μF

R29 1K

R30 1K

R96 4.7K

R97 1K

R98 1K

R99 1K

R32 1K

R33 1K

R34 1K

R35 1K

R36 220

R37 47

R38 47

R39 47

R40 47

R100 220

R101 220

R102 10K

U16 7406

U28 7407

U17 DMA CONTROLLER

U18 WD1772

D17 IN914

D18 IN914

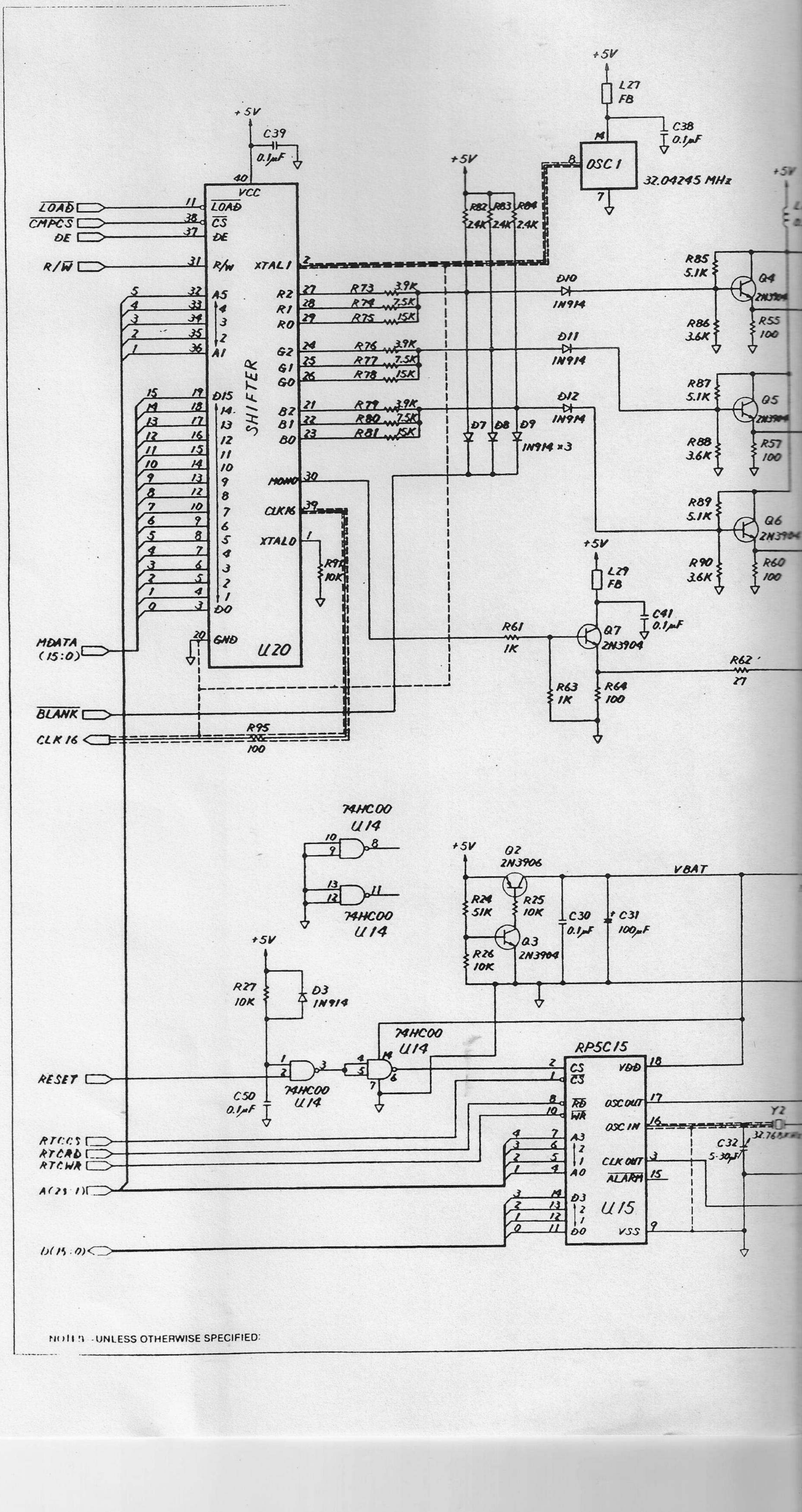
D1 BUSY

D0 BUSY

DETAIL "A"

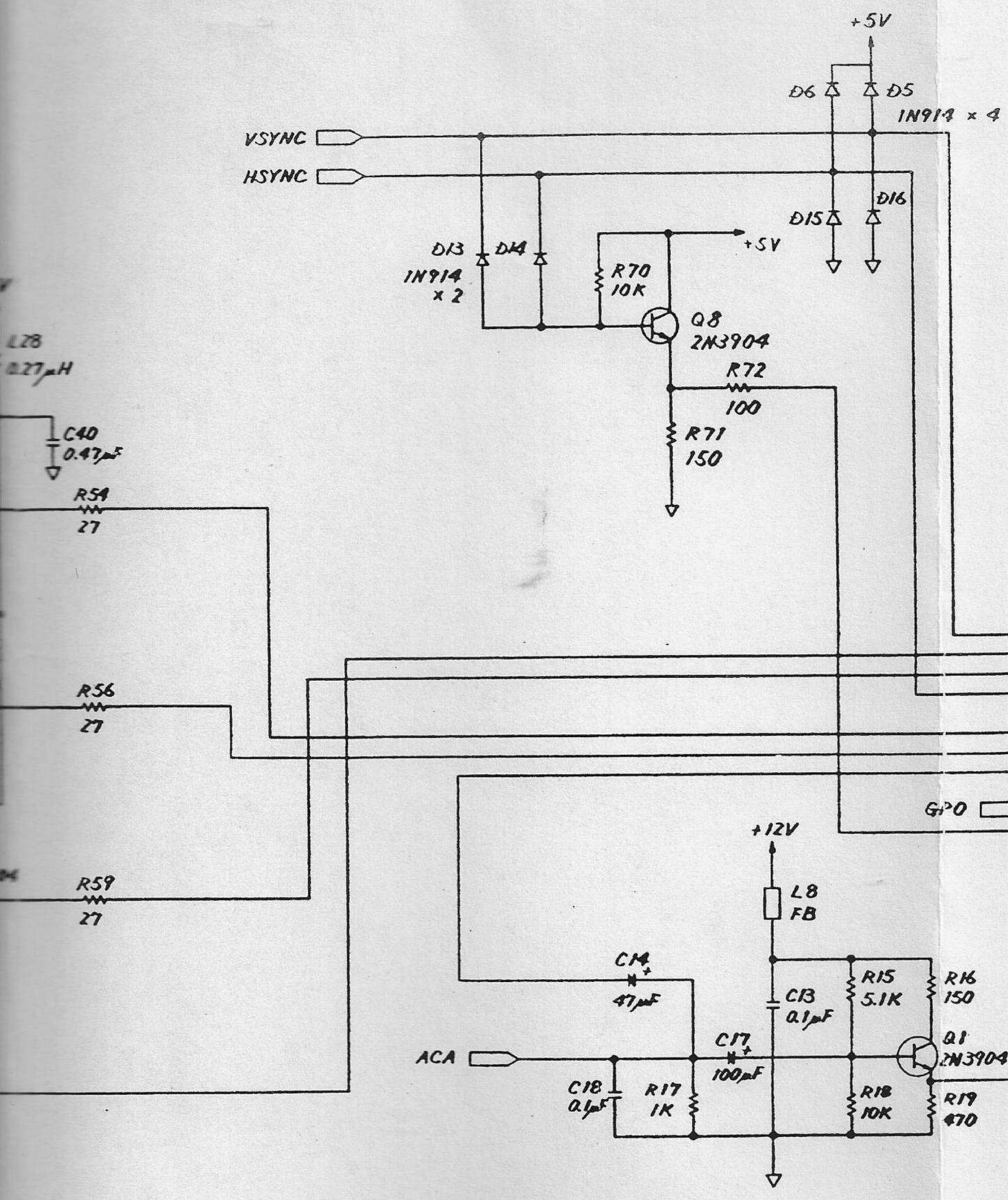
L2 ~ 7, 9 ~ 26, 24 ~ 30, 32 ~ 53

APPLICATION		USED ON	DRAWN BY	DATE	ATARI CORPORATION
NEXT ASSY		ORIGINAL MODEL	E KURAMOCHI	10-27-88	
			CHECKED	DATE	TITLE SCHEMATIC DIAGRAM STACY
			T Tsuchiya	12-8-88	SIZE D DRAWING NO C103419 REV 1
			APPROVED	DATE	SCALE NONE SHEET 2 OF 4
			A. Ohtani	11/5/89	

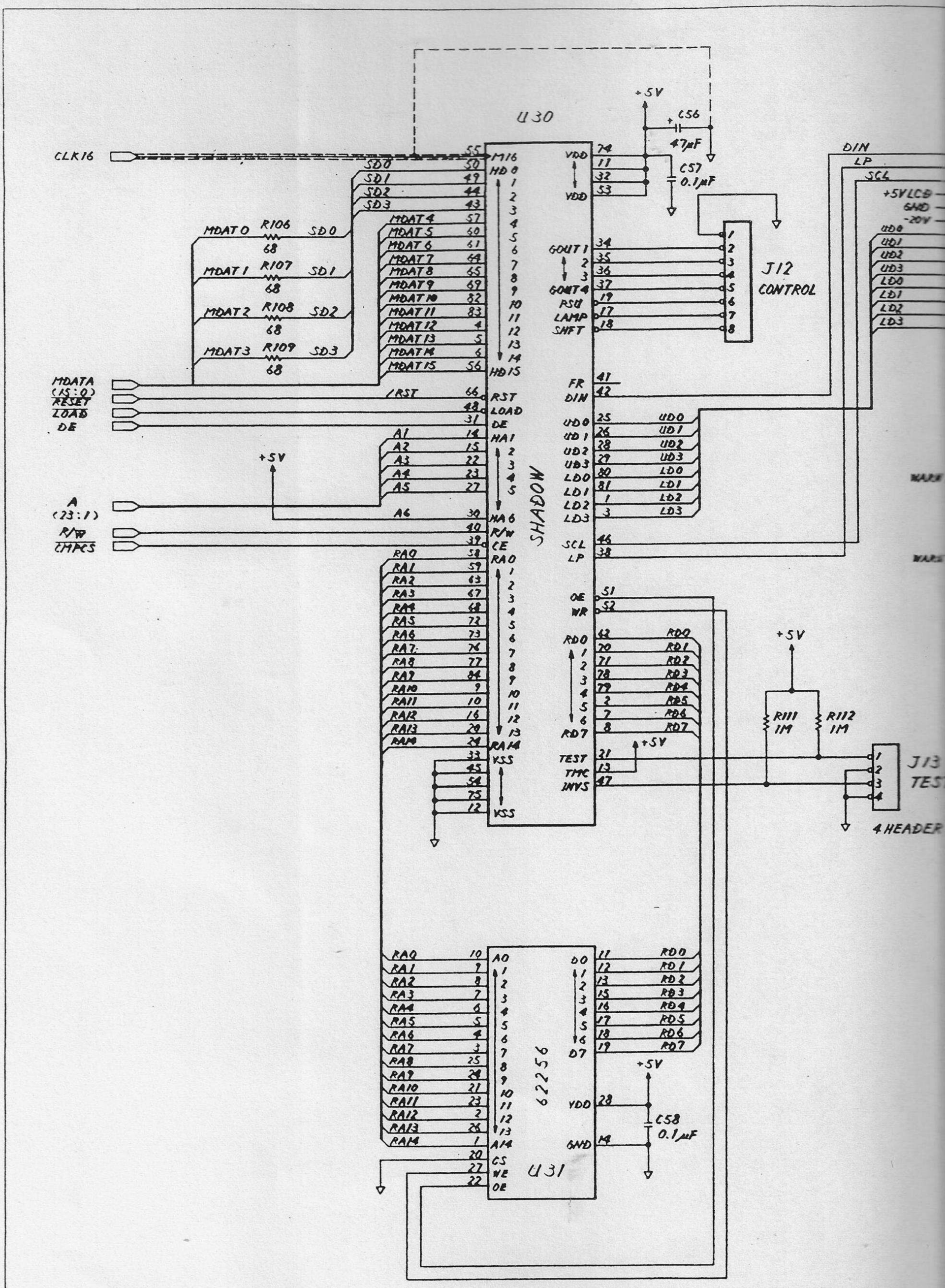


NOTES - UNLESS OTHERWISE SPECIFIED:

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		

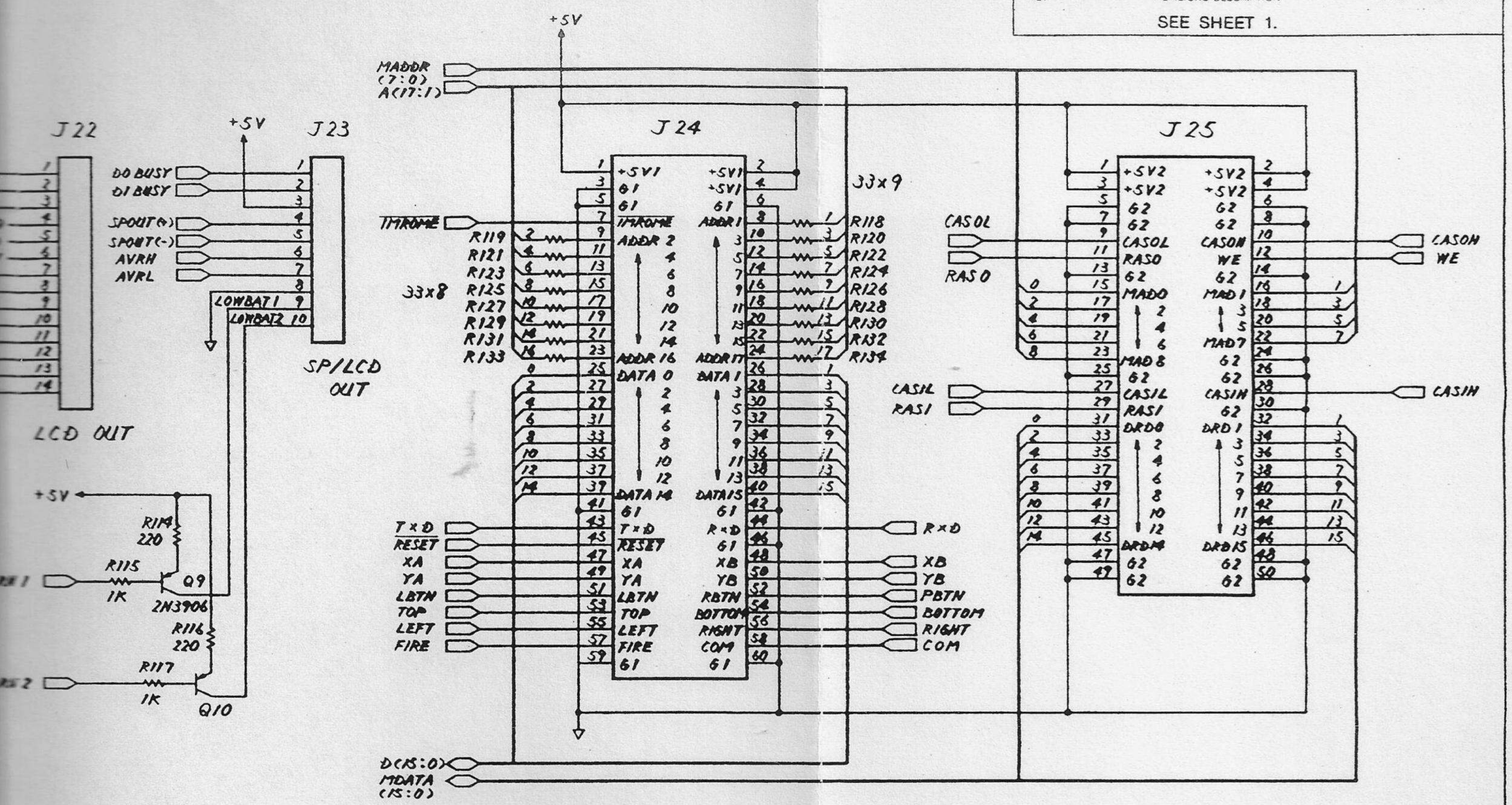


APPLICATION			UNLESS OTHERWISE SPECIFIED TOLERANCES	DRAWN BY / DATE	ATARI CORPORATION
NEXT ASSY	USED ON ORIGINAL MODEL		ON LINEAR DIMENSIONS / ON ANGULAR DIMENSIONS	R. Tanaka 10-26-88	
			UNDER 10	CHECKED / DATE	TITLE: SCHEMATIC DIAGRAM STACY
			MATERIAL	T. Tsuchiya 12-8-88	
			FINISH	ENGINEER / DATE	SIZE: D DRAWING NO: C103419 REV: 1
				APPROVED / DATE	SCALE: NONE SHEET: 3 OF 9

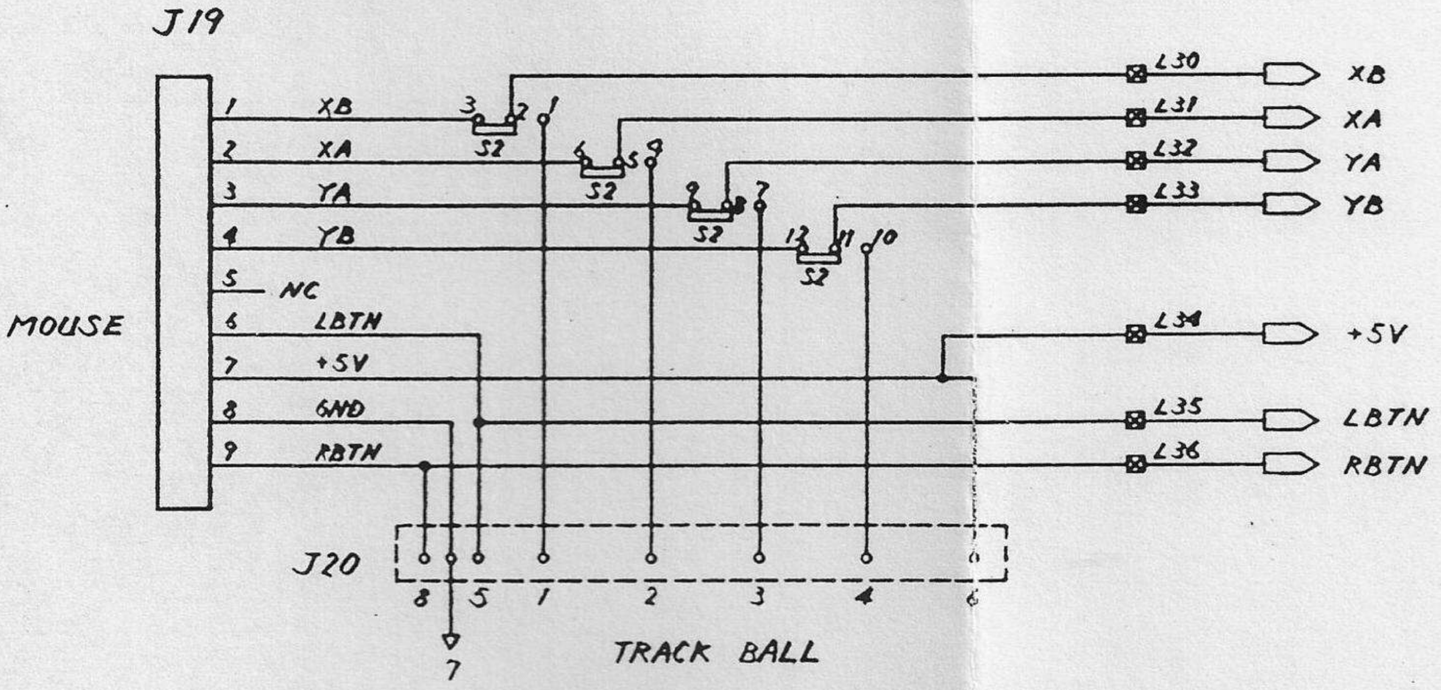


NOTES - UNLESS OTHERWISE SPECIFIED

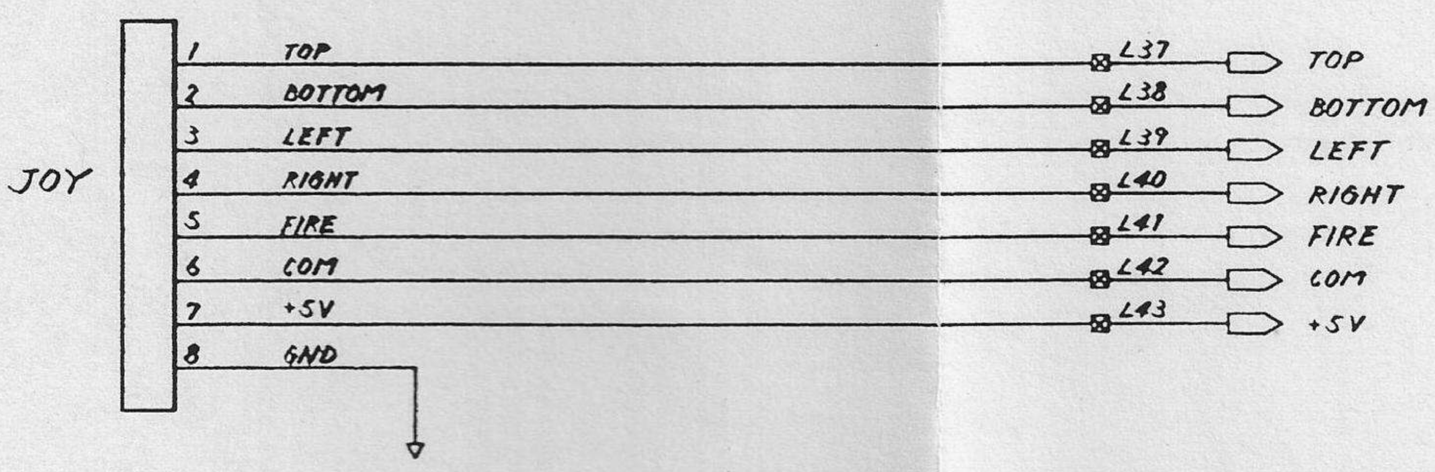
REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



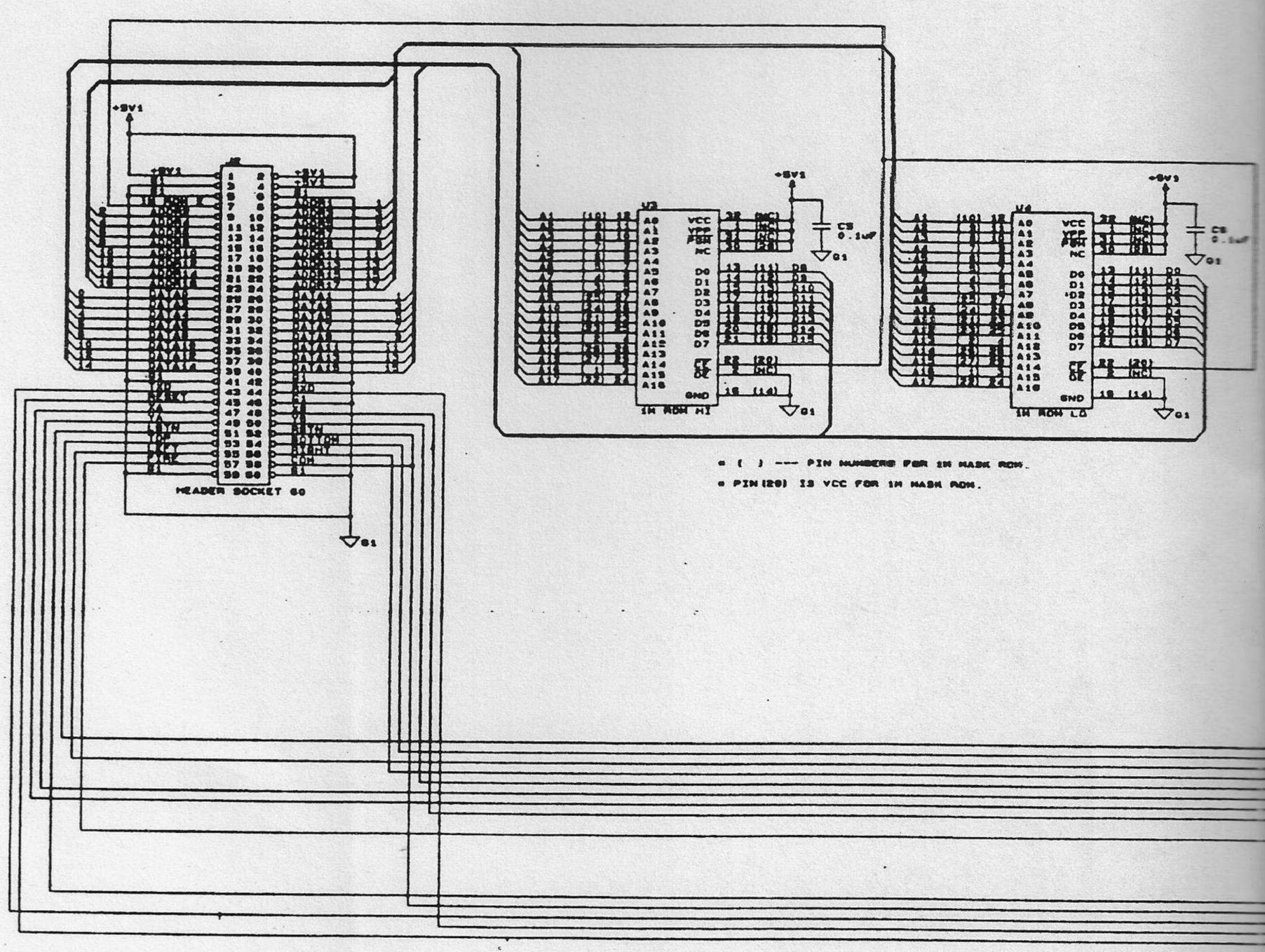
J19



J21



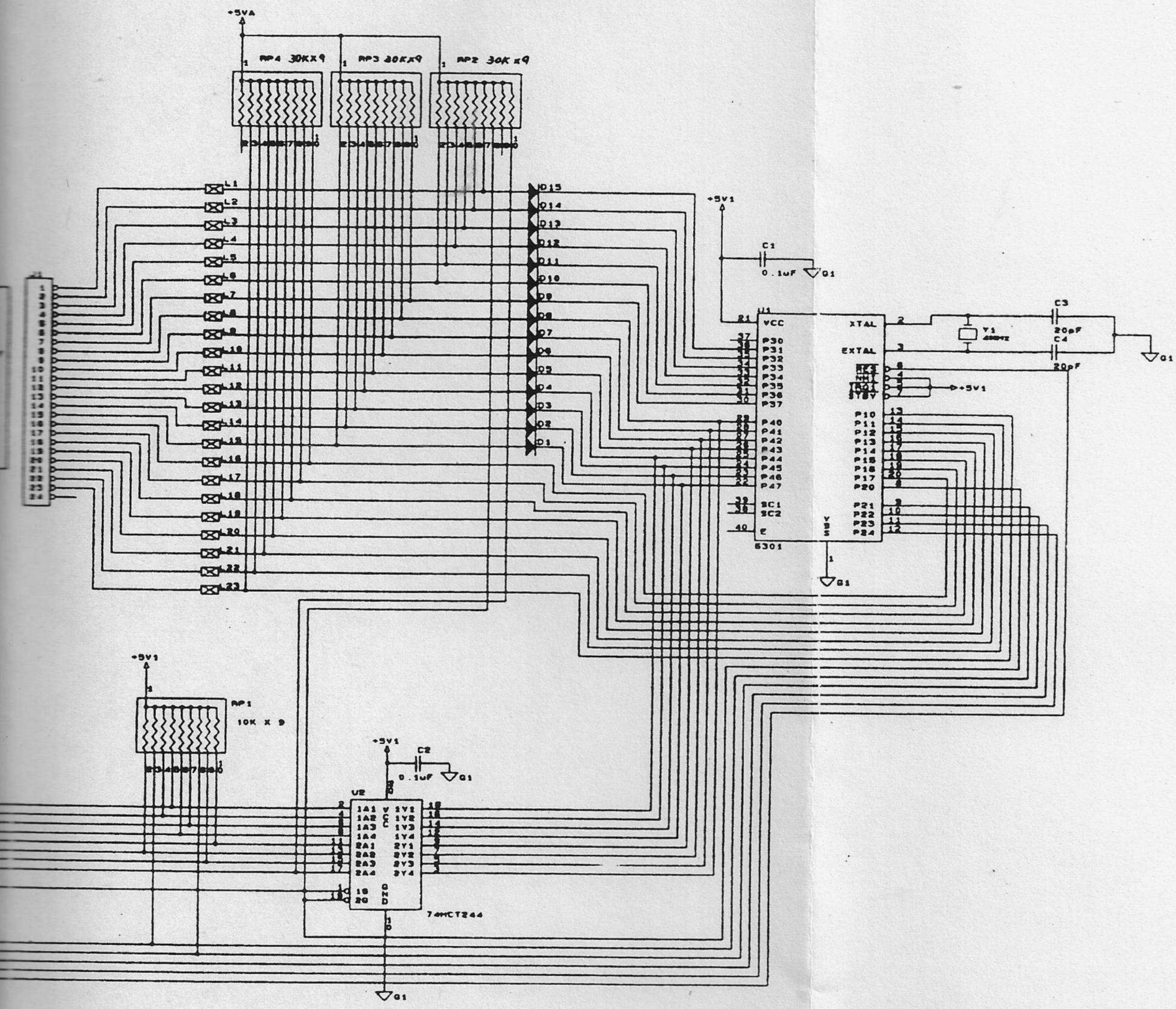
UNLESS OTHERWISE SPECIFIED TOLERANCES	DRAWN BY E. KURAMOCHI 10-31-88	ATARI CORPORATION	
NEXT ASSY / USED ON ORIGINAL MODEL	CHECKED T. Suchira 12-8-88	TITLE SCHEMATIC DIAGRAM STACY	
APPLICATION	APPROVED A. OHNUKI 1/14/89	SIZE D	DRAWING NO C 103419 REV 1
FINISH		SCALE NONE	SHEET 4 OF 4



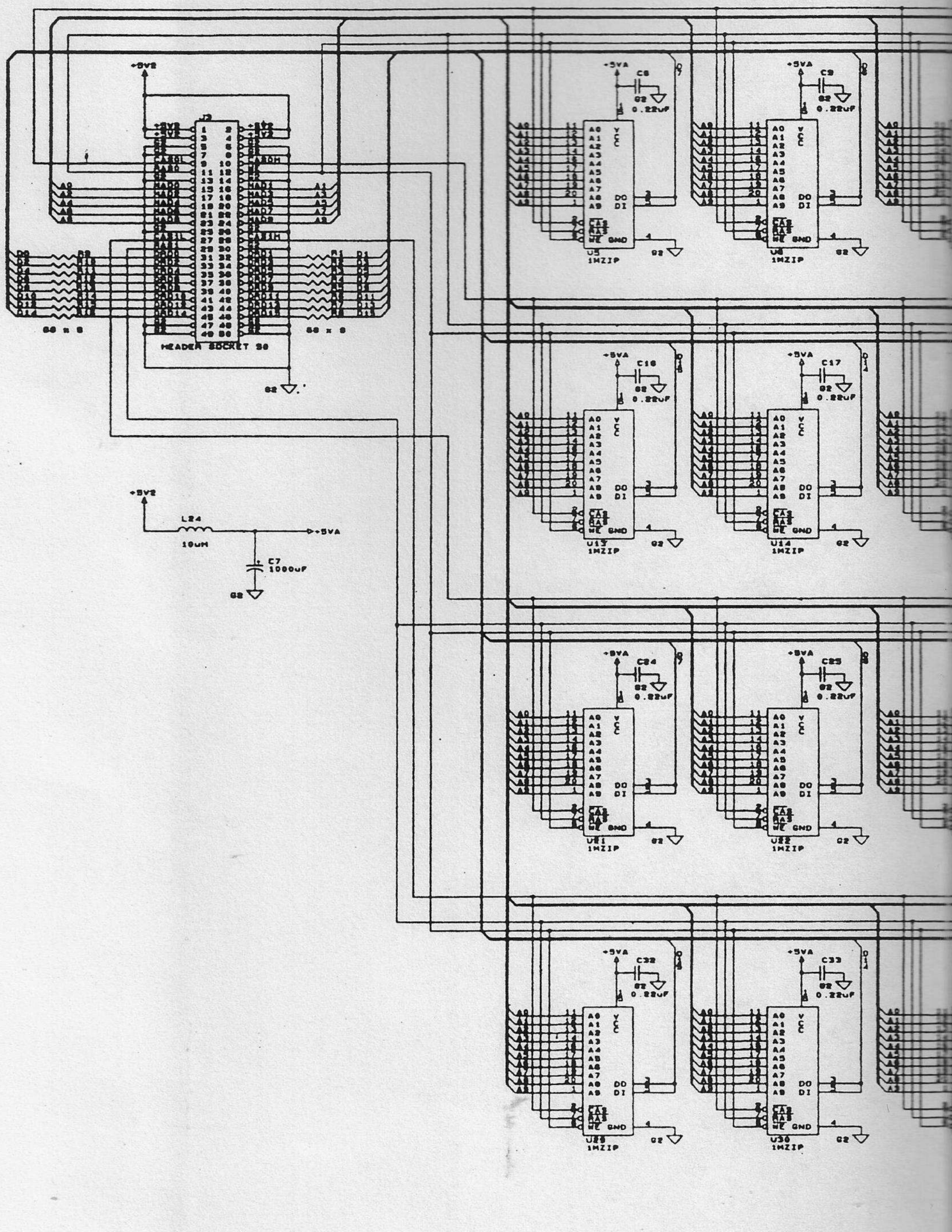
1. RESISTORS ARE MEASURED IN OHMS.

NOTES—UNLESS OTHERWISE SPECIFIED

REV	REVISIONS DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	2-7-89	
B	REVISED PER ECO NO. 01391	3-8-90	

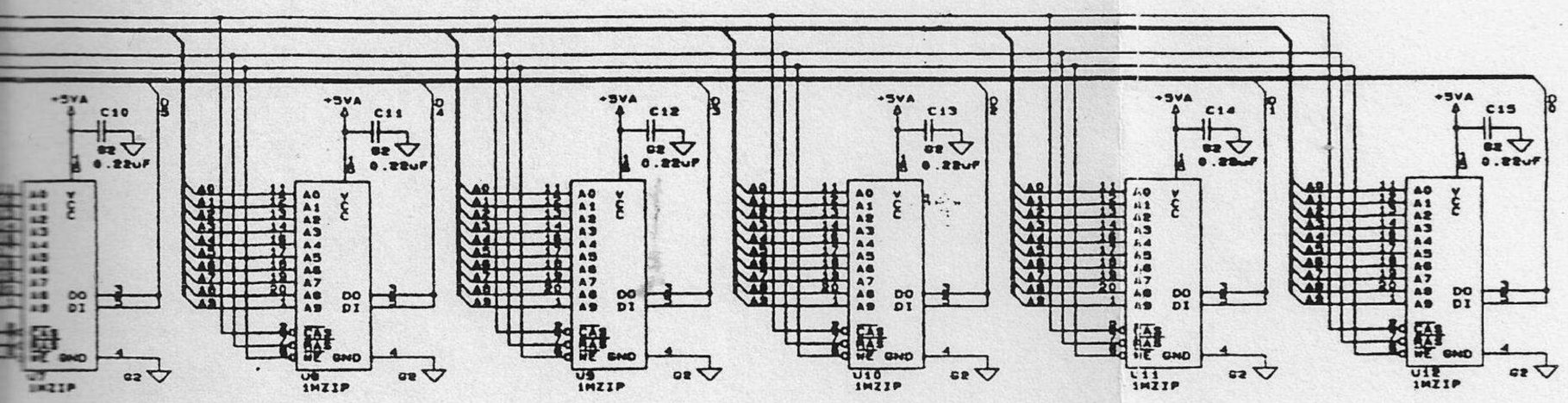


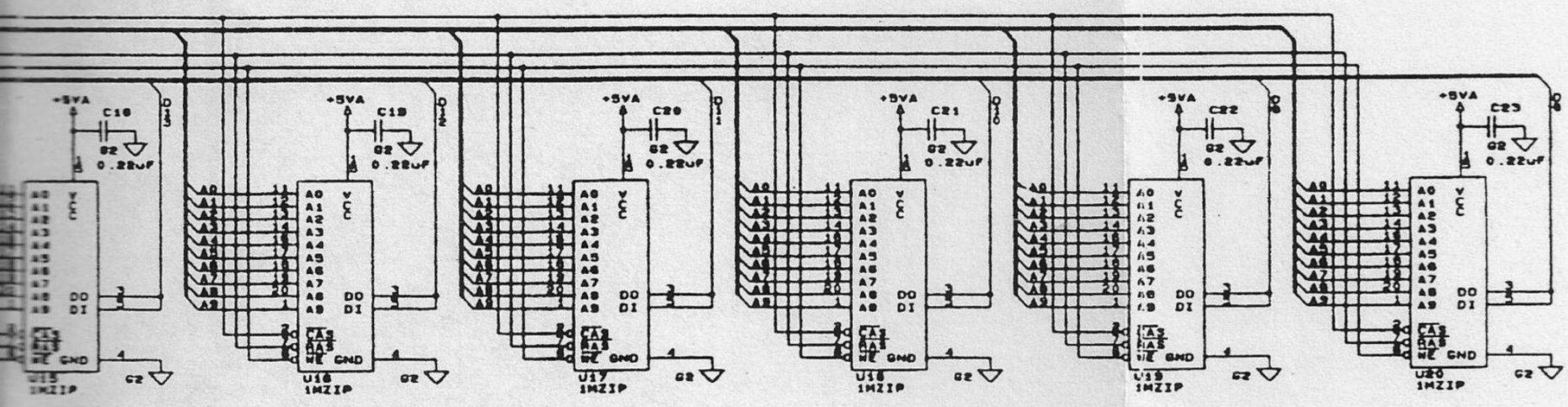
CA200528-XXX	LST	UNLESS OTHERWISE SPECIFIED TOLERANCES	DRAWN BY N. Hanamura 9/26/89	ATARI CORPORATION
NEXT ASSY	USED ON ORIGINAL MODEL	ON LINEAR DIMENSIONS / ANGULAR DIMENSIONS	CHECKED I. Tsuchiya 9/29/89	TITLE SCHEMATIC DIAGRAM SUB PCB LST-A
APPLICATION		MATERIAL	ENGINEER A. Shinagawa 9/29/89	SIZE D DRAWING NO C103639 REV B
		FINISH	APPROVED 11/1/89	NONE SHEET 1 OF 2

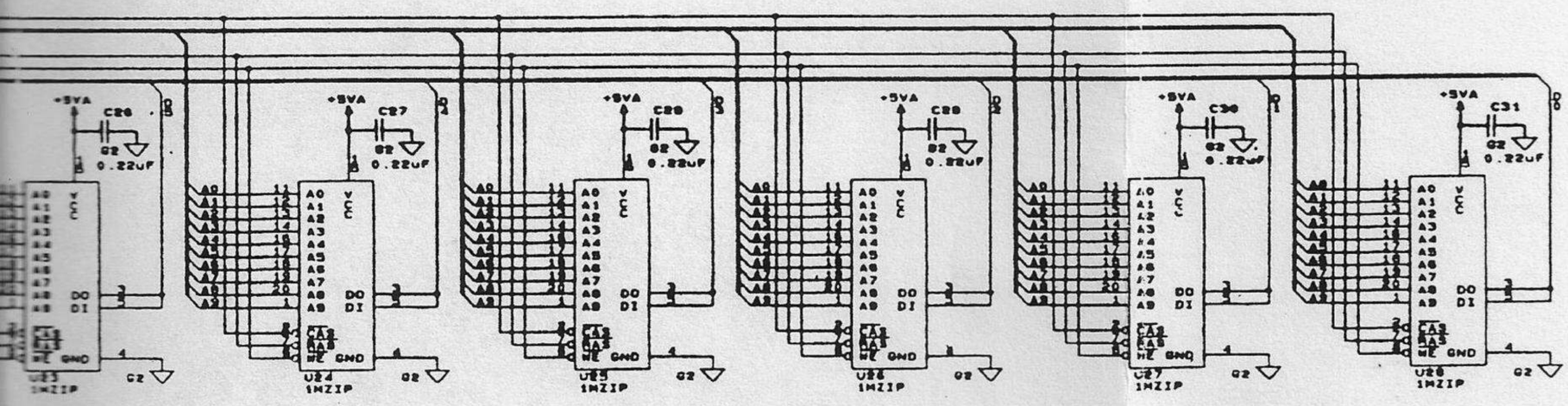


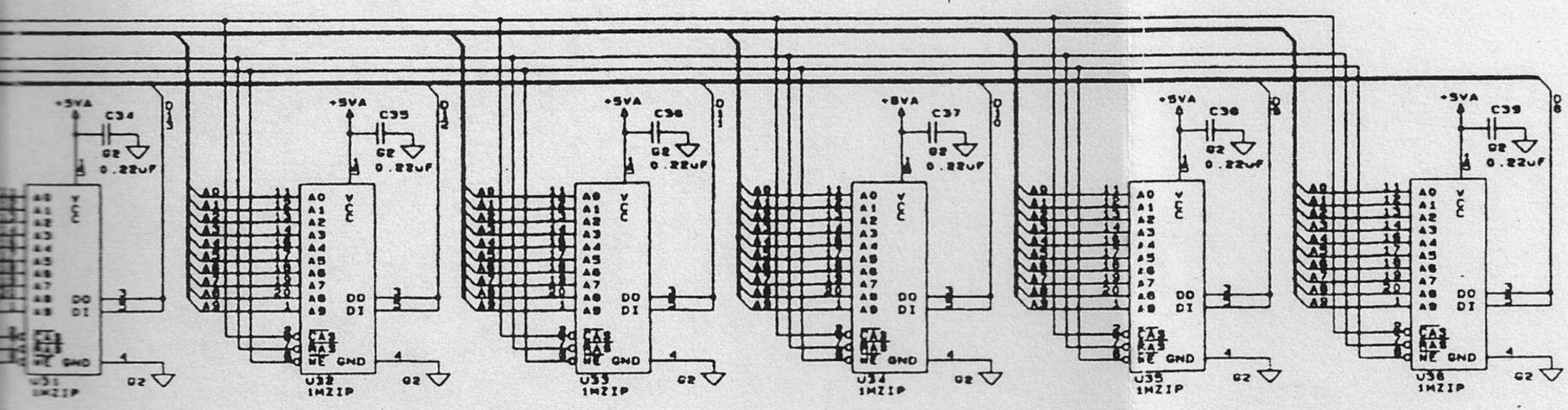
NOTES—UNLESS OTHERWISE SPECIFIED

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		









UNLESS OTHERWISE SPECIFIED TOLERANCES
ON LINIER DIMENSIONS
ON ANGULAR DIMENSIONS
UNDER 3"
OVER 3"
MATERIAL
APPLICATION
NEXT ASSY
USED ON

DRAWN BY — DATE
L. Lamba 5-24-89
CHECKED — DATE
5-24-89
T. Tsuchiya
ENGINEER — DATE
O. Shinagawa 5-31-89
APPROVED — DATE
APPROVED — DATE
K. Okazaki 6/1/89

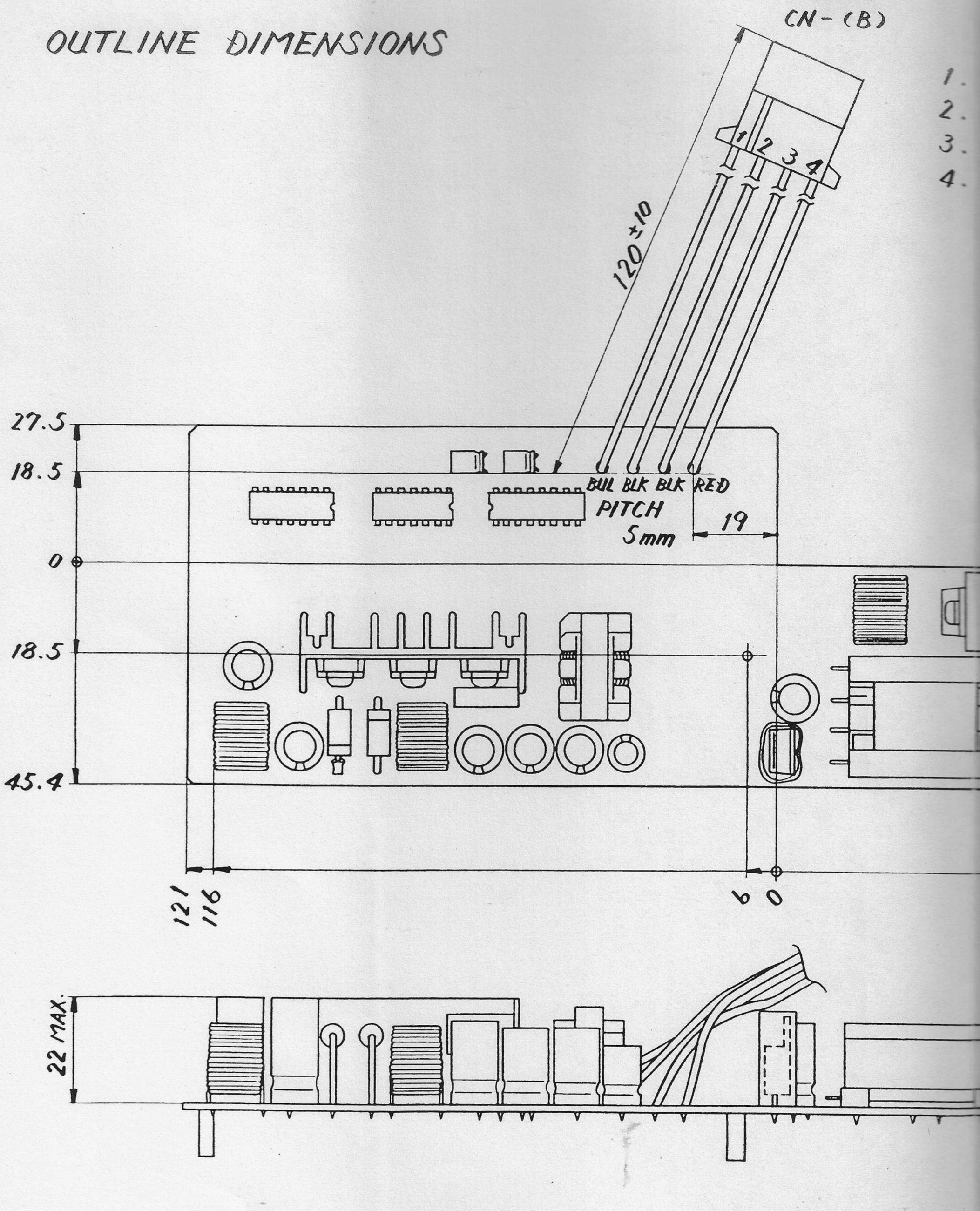
ATARI CORPORATION

TITLE: SCHEMATIC DIAGRAM
SUB PCB LST-4

SIZE: D
DRAWING NO: C103639
REV: B

SCALE: NONE
SHEET 2 OF 2

OUTLINE DIMENSIONS



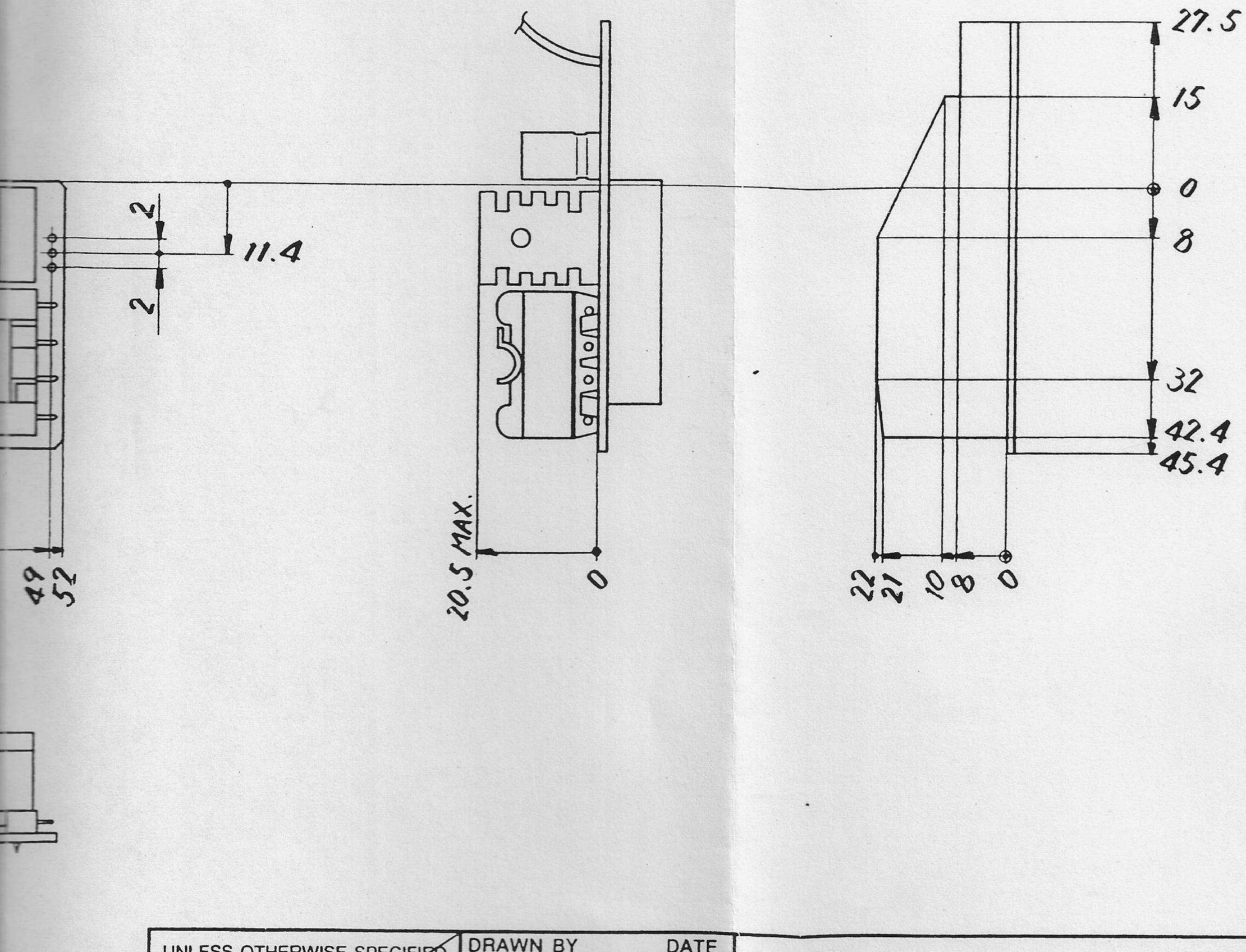
NOTES—UNLESS OTHERWISE SPECIFIED:

1.
2.
3.
4.

NEXT ASSY

APPLICATI

BLU	12V
BLK	GND
BLK	GND
RED	5V



UNLESS OTHERWISE SPECIFIED TOLERANCES		
ON LINIER DIMENSIONS		ON ANGULAR DIMENSIONS
UNDER 30	± 0.1	± 0.5°
30 THRU 300	± 0.2	
OVER 300	± 0.4	
MATERIAL		
FINISH		

DRAWN BY	DATE
H. Hamba	2-26-90
CHECKED	DATE
Y/N	2/27/90
ENGINEER	DATE
A. Shinagawa	2-28-90
APPROVED	DATE
APPROVED	DATE
N. OKUBARI	2/28/90

ATARI® ATARI CORPORATION

TITLE: DC - DC CONVERTER

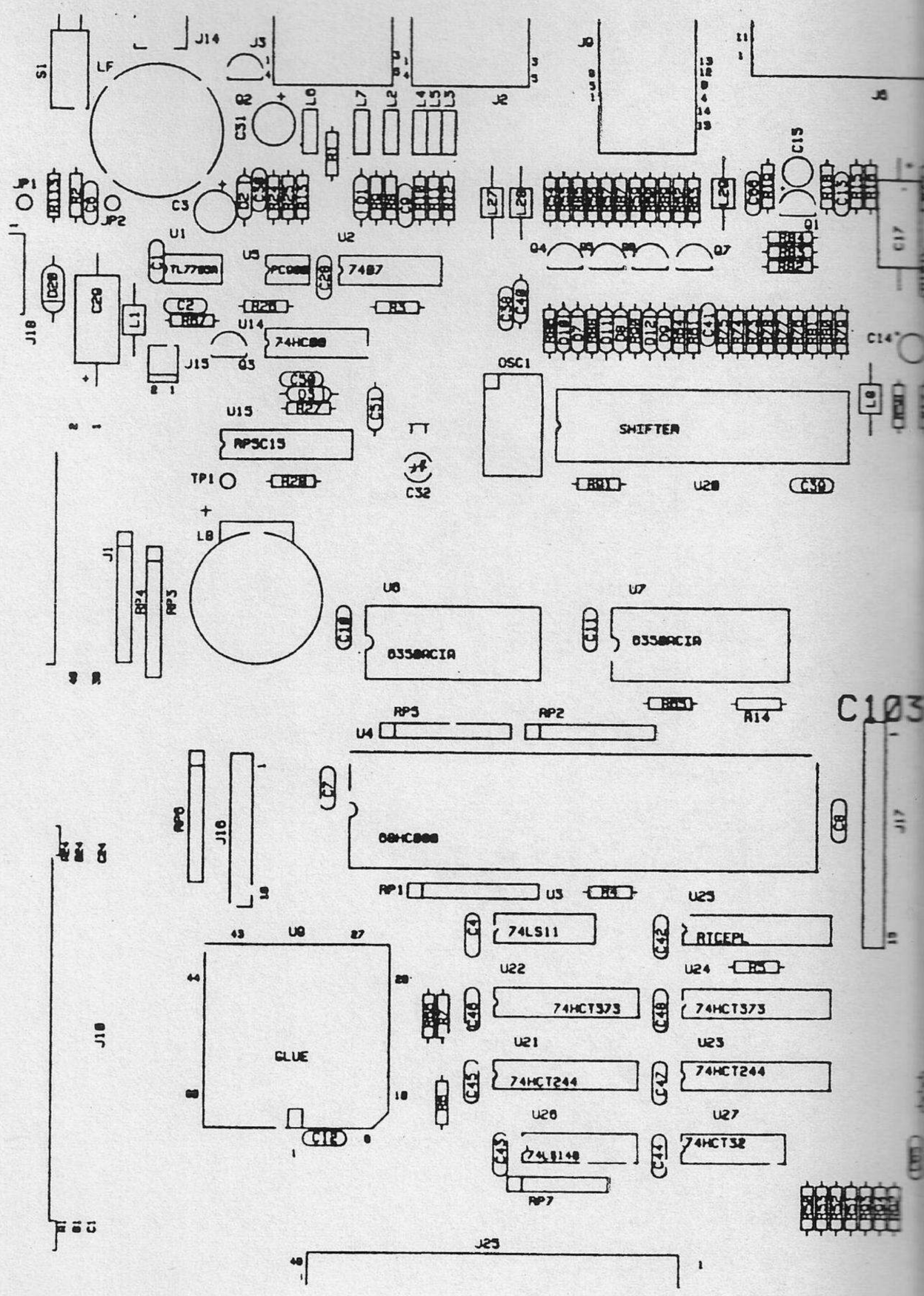
SIZE	DRAWING NO.	REV
B	C101780-xxx	B

SCALE NONE SHEET 7 OF 7

USED ON
GINAL MODEL

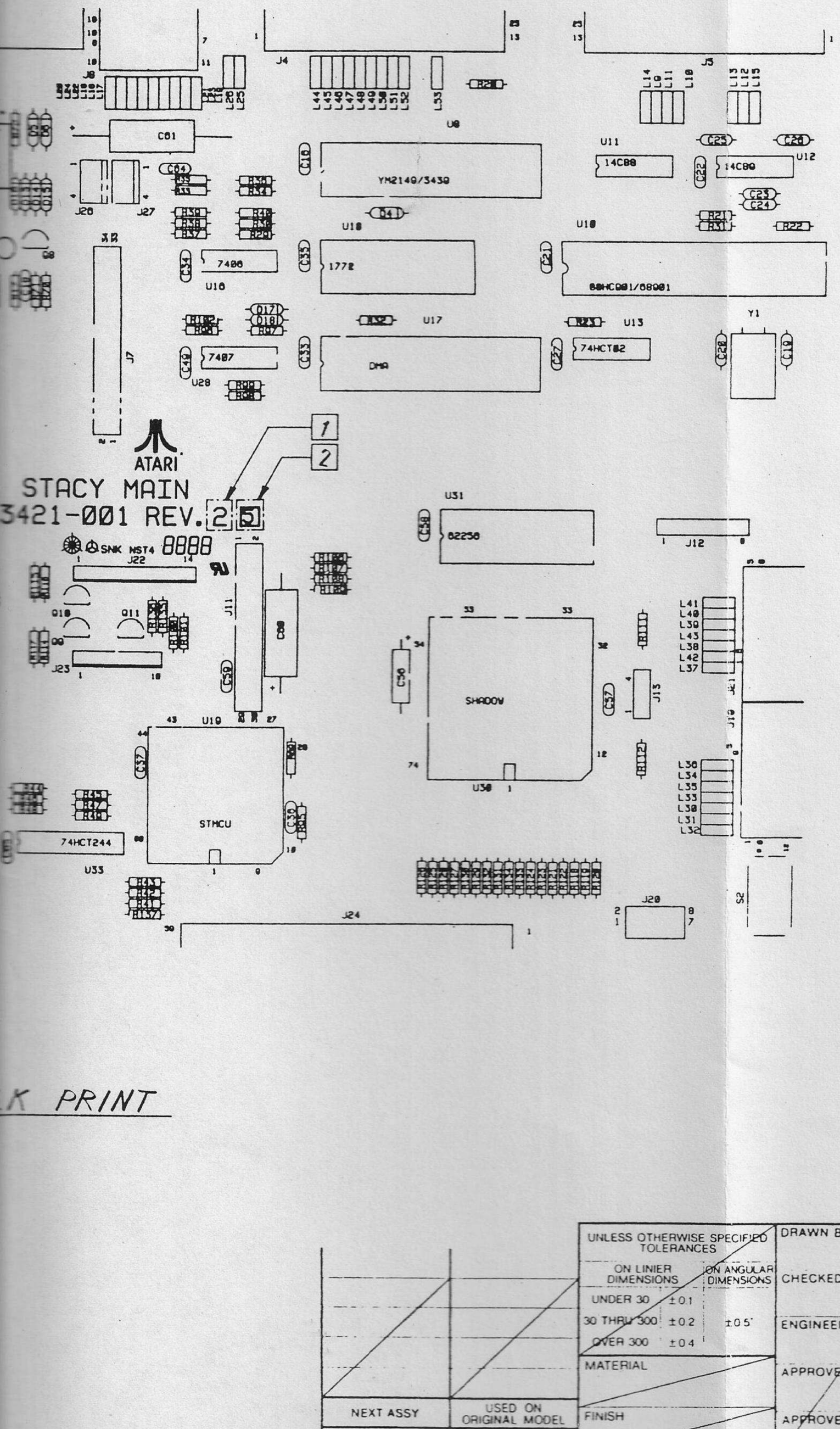
ON

THIRD ANGLE SYSTEM DIMENSION : mm



NOTES—UNLESS OTHERWISE SPECIFIED:

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



K PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES		
ON LINIER DIMENSIONS		ON ANGULAR DIMENSIONS
UNDER 30	±0.1	
30 THRU 300	±0.2	±0.5°
OVER 300	±0.4	
MATERIAL		
FINISH		

DRAWN BY DATE
CHECKED DATE
ENGINEER DATE
APPROVED DATE
APPROVED DATE

NEXT ASSY | USED ON ORIGINAL MODEL
APPLICATION

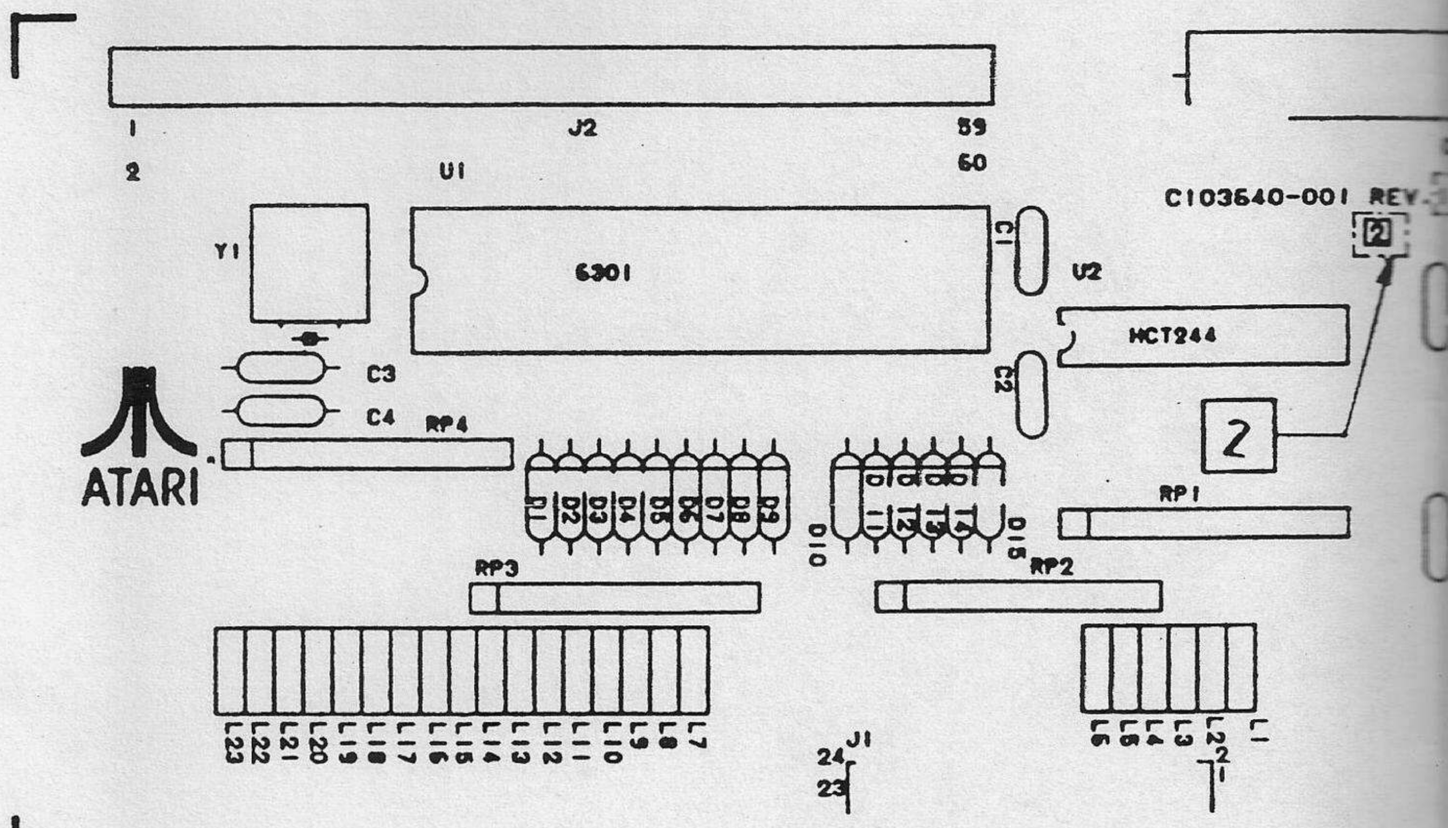
ATARI ATARI CORPORATION

TITLE PCB LIST

SIZE C DRAWING NO C103421 REV A

SCALE NONE SHEET 2 OF 3

THIRD ANGLE SYSTEM DIMENSION



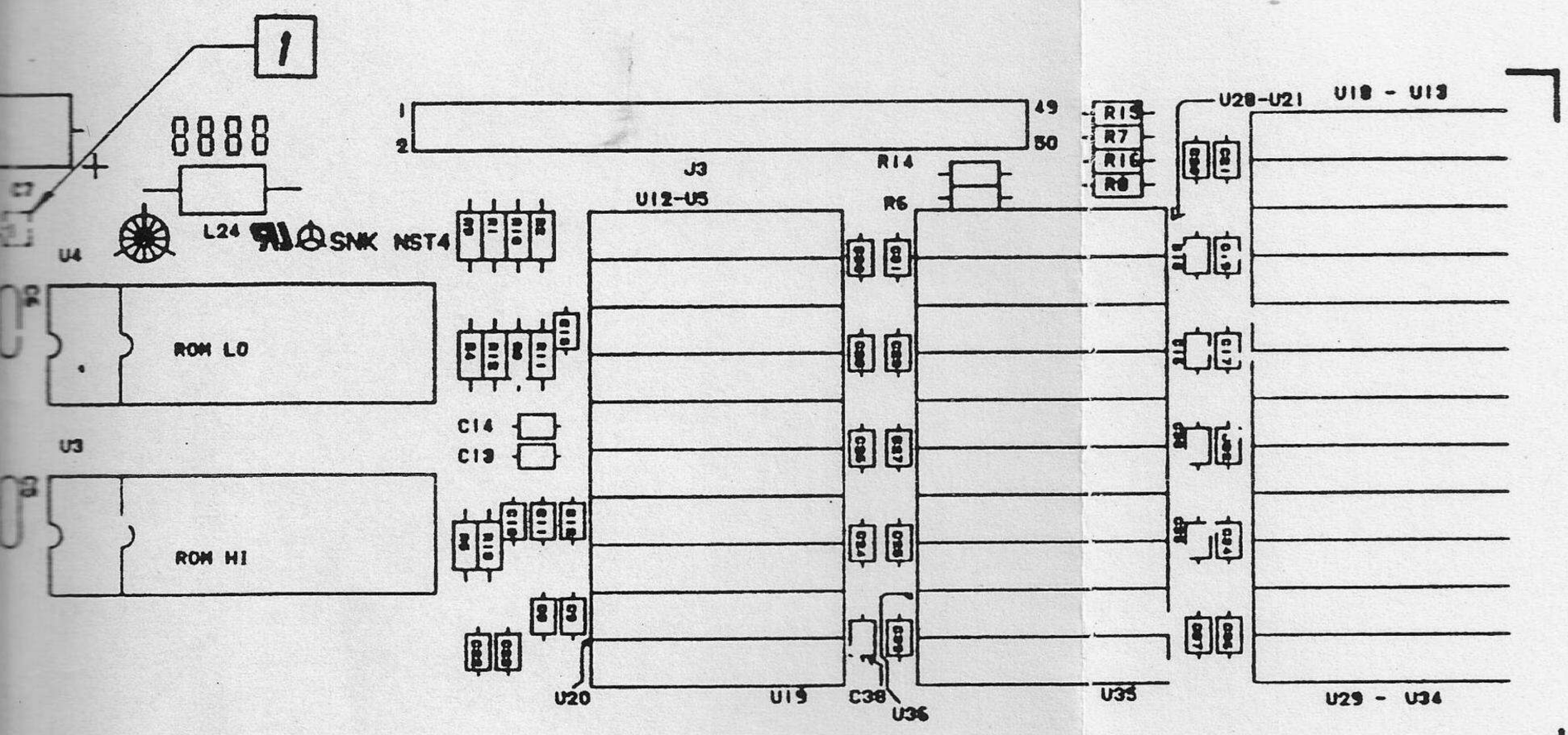
SILK

NEXT ASSY

APPLIC

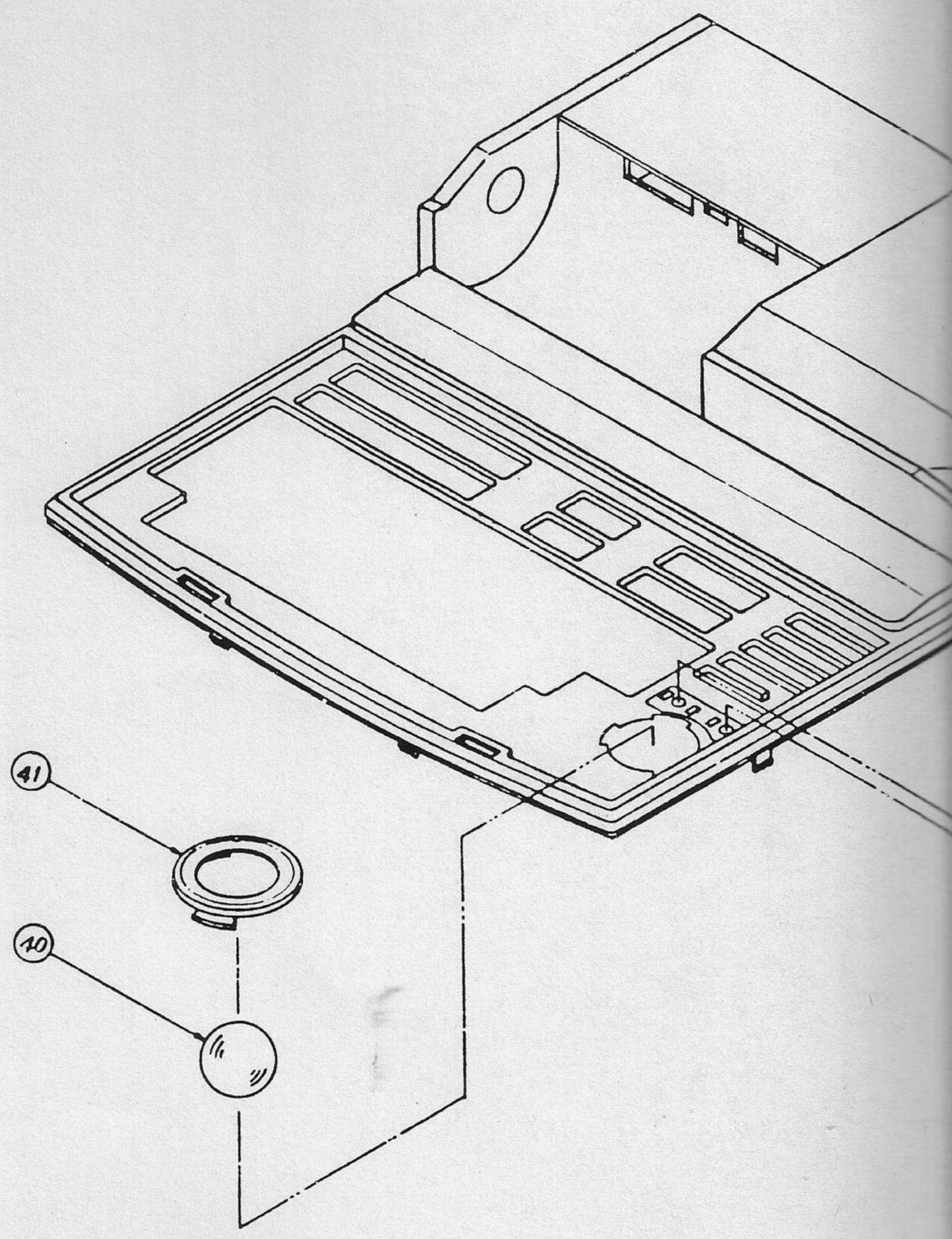
NOTES—UNLESS OTHERWISE SPECIFIED:

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



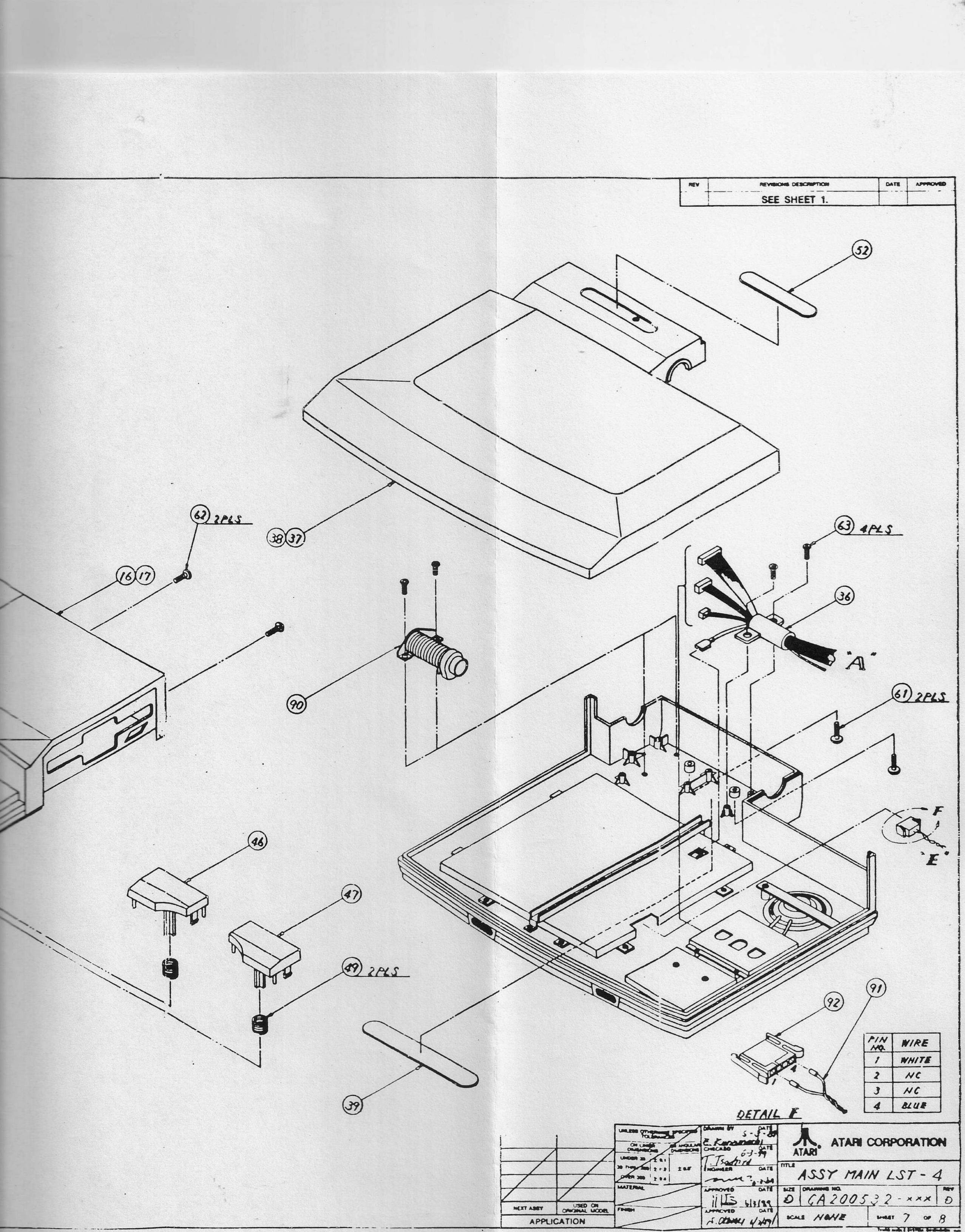
K PRINT

USED ON ORIGINAL MODEL	UNLESS OTHERWISE SPECIFIED TOLERANCES	DRAWN BY / DATE	ATARI CORPORATION
CATION	ON LINIER DIMENSIONS: UNDER 30 ± 0.1; 30 THRU 300 ± 0.2; OVER 300 ± 0.4 — ON ANGULAR DIMENSIONS ± 0.5°	CHECKED / DATE: T. Tsuchiya 7-31-89	TITLE: PCB SUB PCB LST-4
	MATERIAL	ENGINEER / DATE: A. Shinagawa 8-1-89	SIZE: B — DRAWING NO.: C103640 — REV: A
	FINISH	APPROVED / DATE	SCALE: NONE — SHEET 2 OF 8
		APPROVED / DATE: S. Okabayashi 8/1/89	THIRD ANGLE SYSTEM DIMENSION mm



NOTES—UNLESS OTHERWISE SPECIFIED:

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



DETAIL F

PIN NO.	WIRE
1	WHITE
2	NC
3	NC
4	BLUE

NEXT ASSY	USED ON ORIGINAL MODEL		
APPLICATION			

UNLESS OTHERWISE SPECIFIED TOLERANCES
ON UNDIM DIMENSIONS | ON MACHINE DIMENSIONS
UNDER 30: ± 0.1 | ± 0.05
30 THRU 300: ± 0.3 | ± 0.2
OVER 300: ± 0.6 | ± 0.5
MATERIAL
FINISH

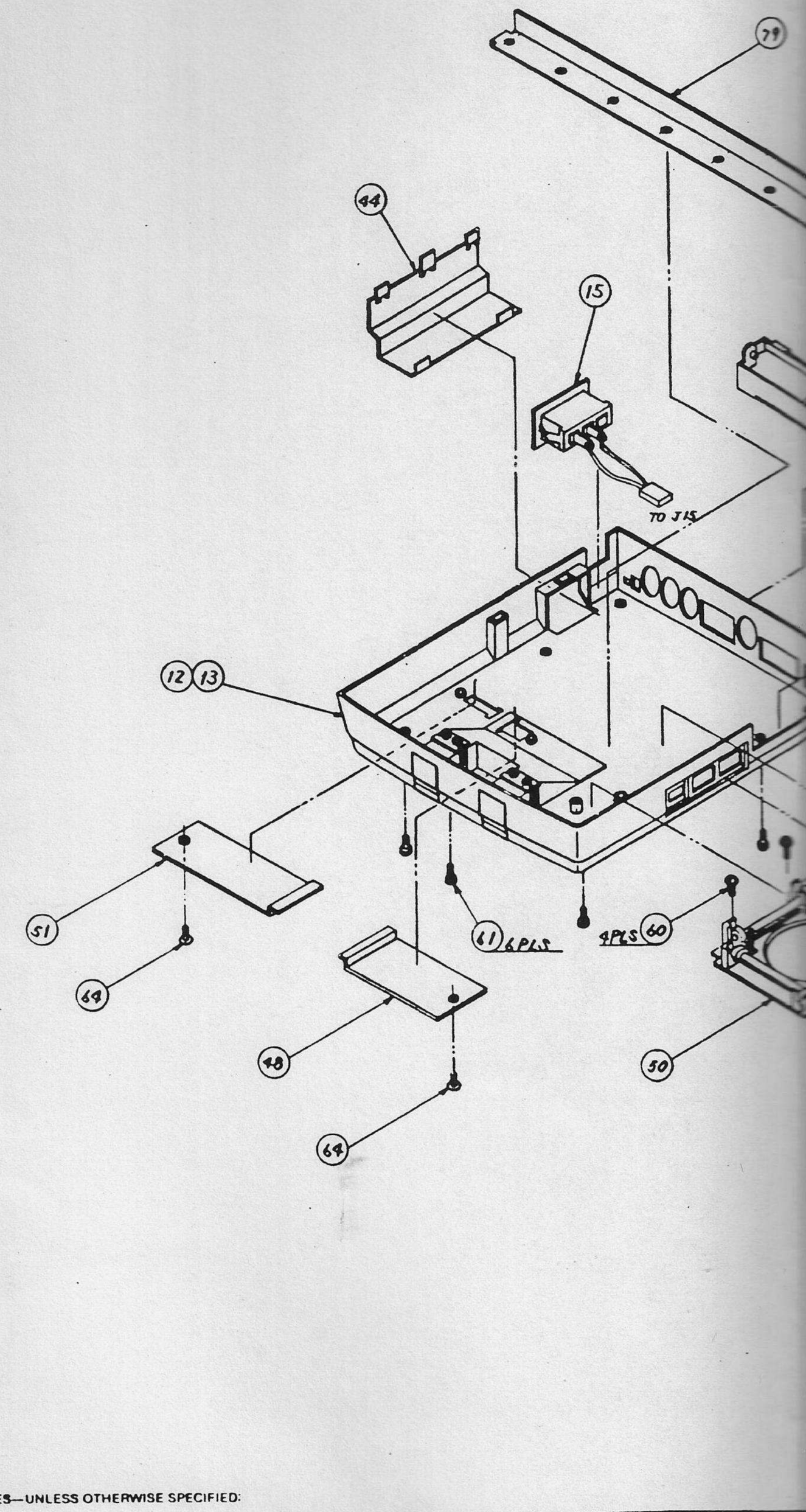
DRAWN BY: E. Kawasaki DATE: 5-5-89
CHECKED: T. Ishford DATE: 6-3-89
ENGINEER DATE
APPROVED: [illegible] DATE: 6/13/89
APPROVED: [illegible] DATE: 4/28/89

ATARI CORPORATION

TITLE: ASSY MAIN LST - 4

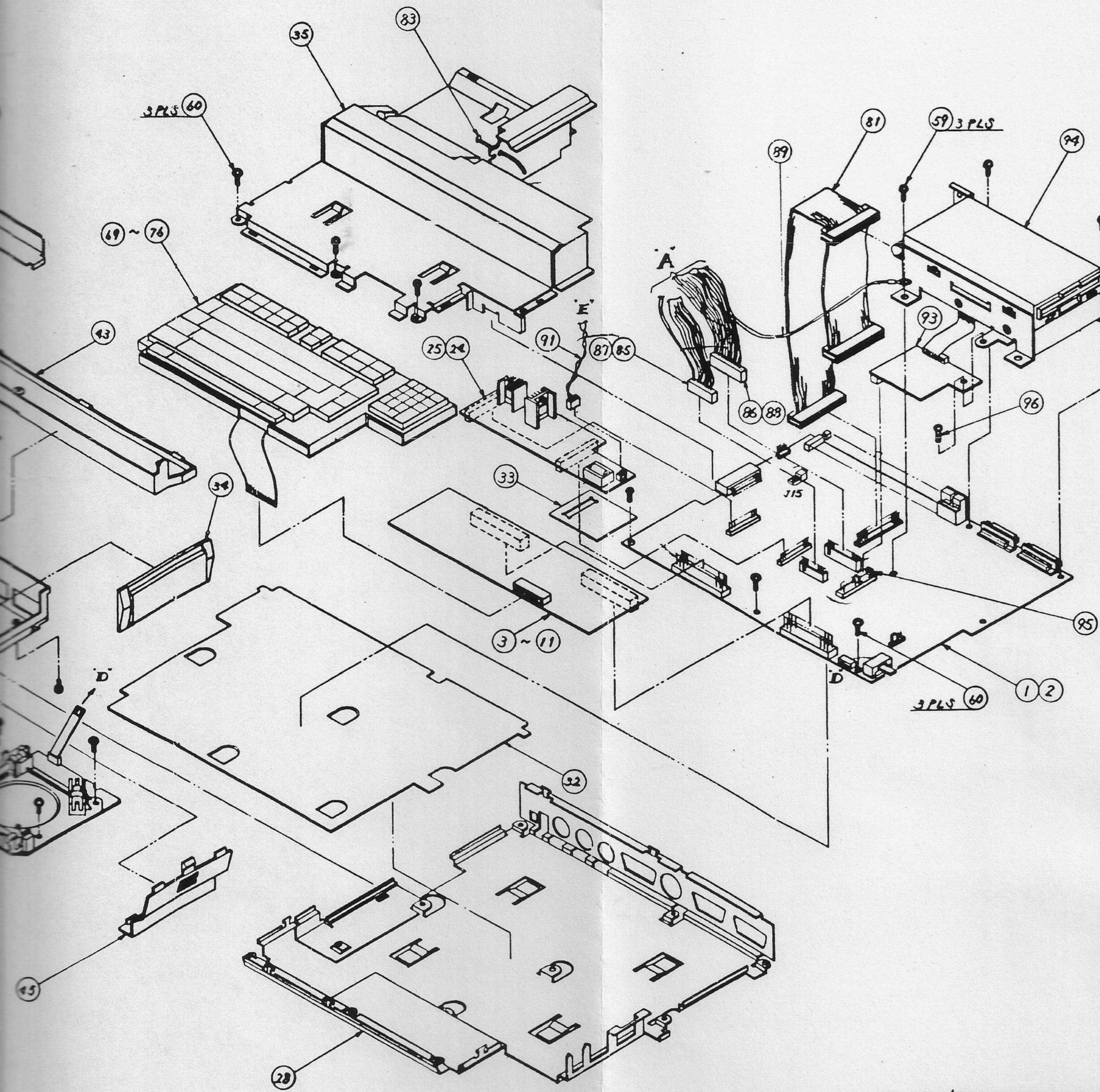
SIZE	DRAWING NO.	REV
D	CA200532-XXX	D

SCALE NONE | SHEET 7 OF 8



NOTES—UNLESS OTHERWISE SPECIFIED:

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



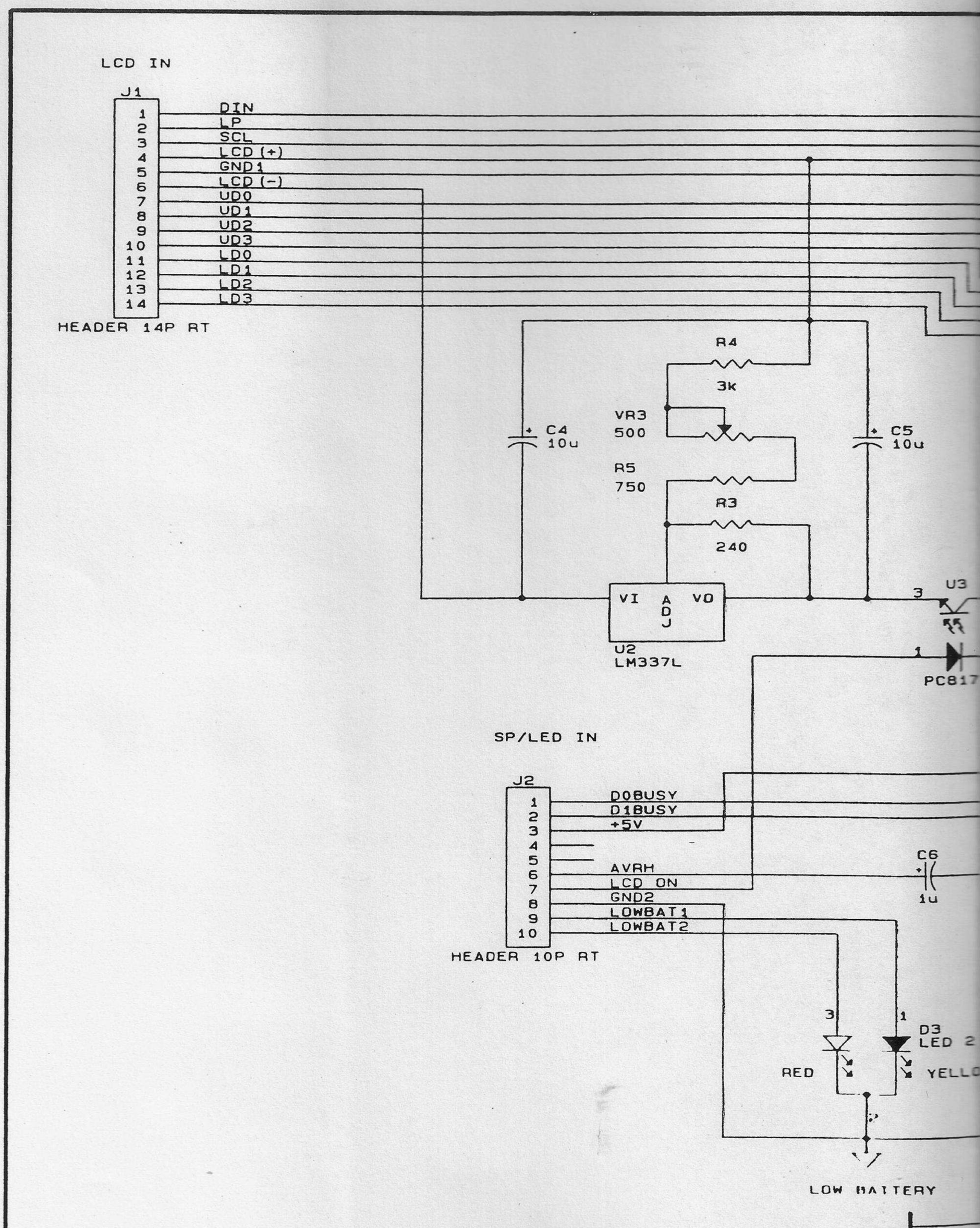
NEXT ASSY	USED ON ORIGINAL MODEL		
APPLICATION			

ATARI CORPORATION

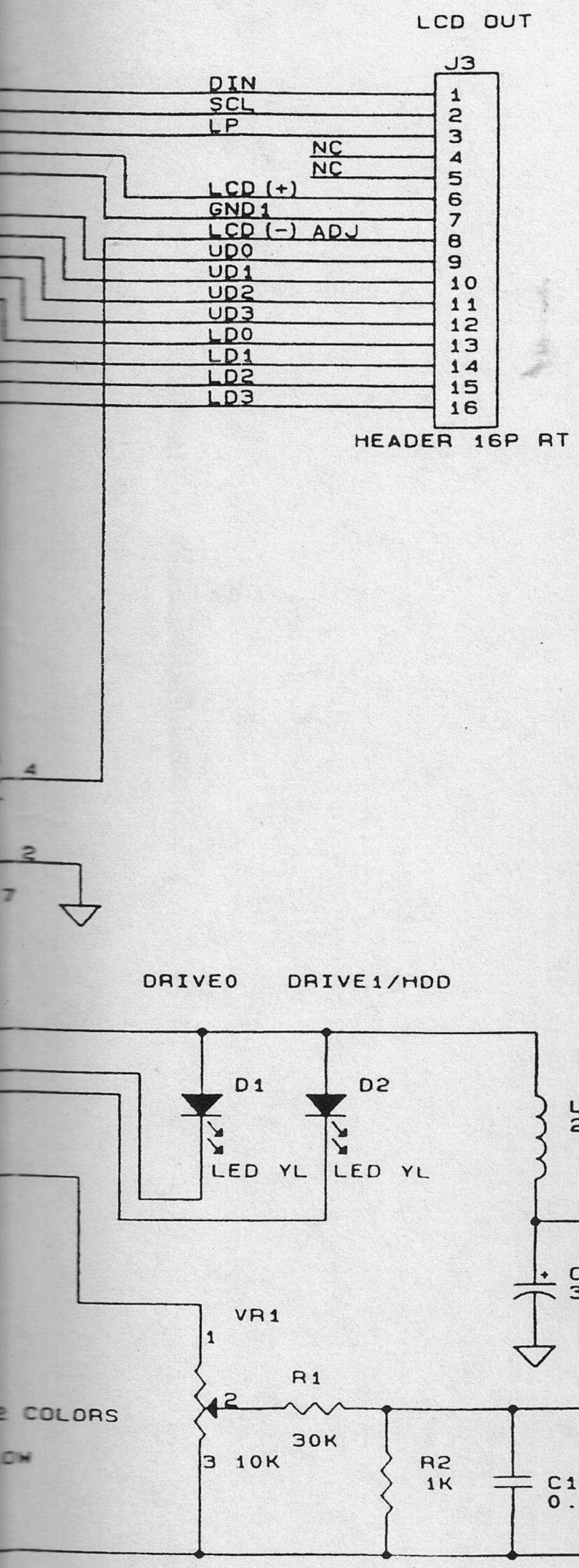
TITLE: ASSY MAIN LST-4

SIZE D | DRAWING NO. CA200532-XXX | REV D

SCALE NONE | SHEET 8 OF 8


LCD IN
J1
1 DIN
2 LP
3 SCL
4 LCD (+)
5 GND1
6 LCD (-)
7 UD0
8 UD1
9 UD2
10 UD3
11 LD0
12 LD1
13 LD2
14 LD3
HEADER 14P RT
R4
3k
VR3
500
R5
750
R3
240
C4
10u
C5
10u
VI
ADJ
VO
U2
LM337L
3
U3
1
PC817
SP/LED IN
J2
1 D0BUSY
2 D1BUSY
3 +5V
4
5
6 AVRH
7 LCD ON
8 GND2
9 LOWBAT1
10 LOWBAT2
HEADER 10P RT
C6
1u
3
1
D3
LED 2
RED
YELLO
LOW BATTERY
2.CAPACITORS ARE MEASURED IN FARADS.
1.RESISTORS ARE MEASURED IN OHMS.
NOTES-UNLESS OTHERWISE SPECIFIED:
CA200
NEXT

REV	REVISIONS DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	10-26-89	



0478-XXX	LST
T ASSY	USED ON ORIGINAL MODEL
APPLICATION	

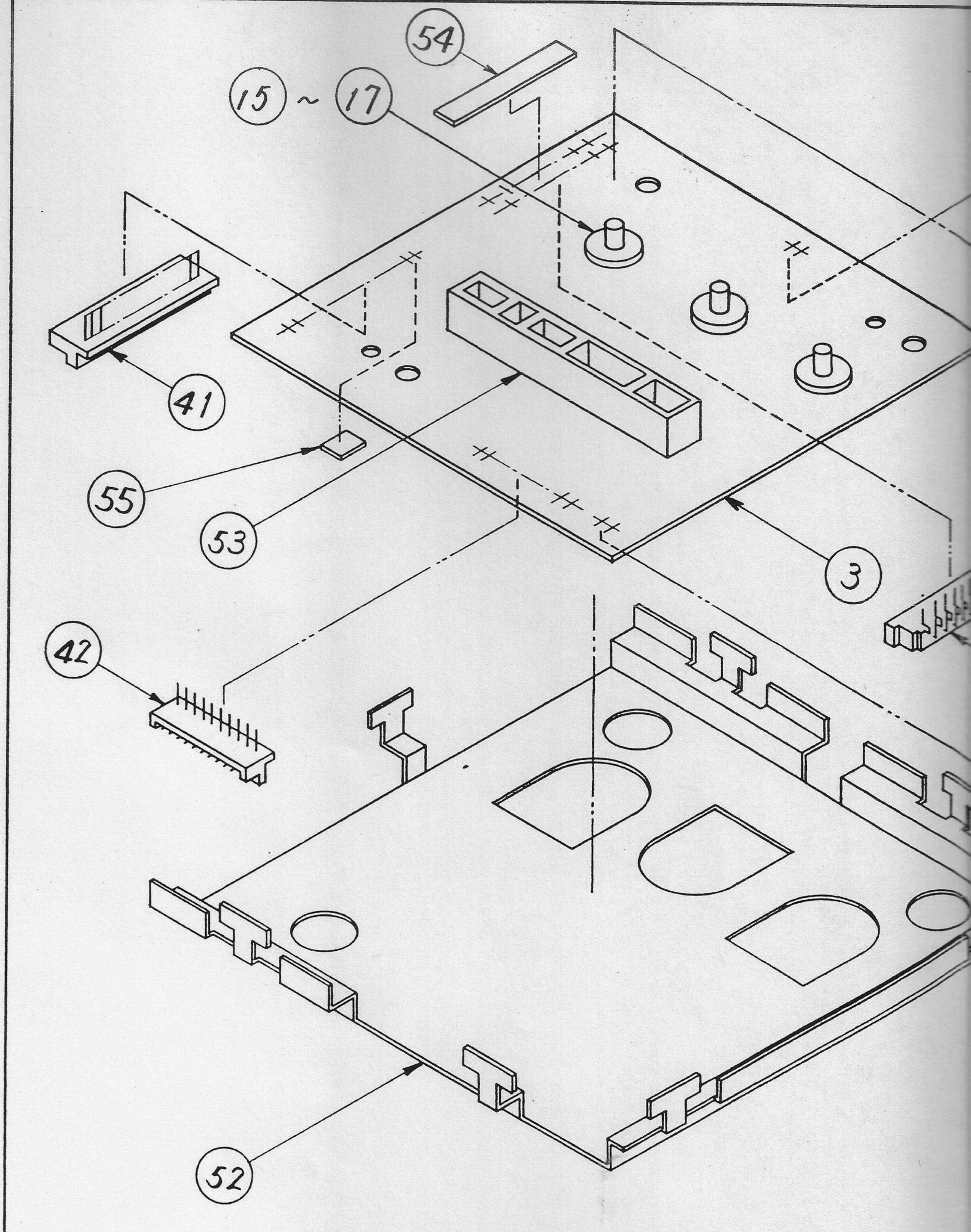
	DATE
DRAWN BY	
A.SHINAGAWA	03/29/89
CHECKED	DATE
I.ISUCHIYA	04/06/89
ENGINEER	DATE
A.SHINAGAWA	03/29/89
APPROVED	DATE
APPROVED	DATE
S.OKAZAKI	04/10/89

ATARI CORPORATION

TITLE: SCHEMATIC DIAGRAM
LED PCB

SIZE	DRAWING NO.	REV
B	C103509	A

SHEET 1 OF 1

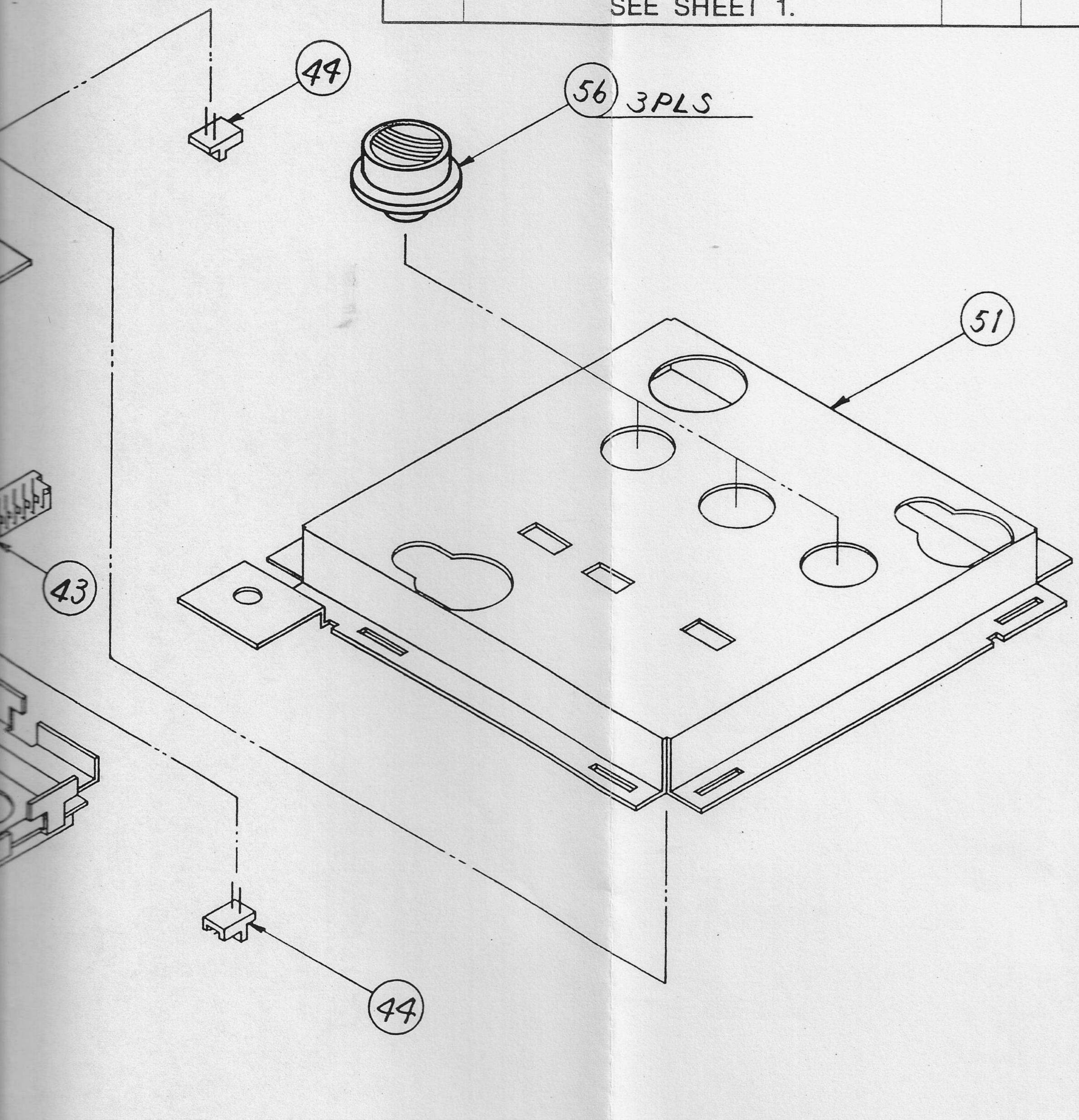


NOTES—UNLESS OTHERWISE SPECIFIED:

NEXT ASSY

APPLI

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



USED ON ORIGINAL MODEL

LICATION

UNLESS OTHERWISE SPECIFIED TOLERANCES

ON LINIER DIMENSIONS		ON ANGULAR DIMENSIONS
UNDER 30	± 0.1	± 0.5°
30 THRU 300	± 0.2	
OVER 300	± 0.4	

MATERIAL

FINISH

DRAWN BY E. Kuramochi DATE 5-8-89

CHECKED I. Tsuchiya DATE 5-13-89

ENGINEER J. Kobayashi DATE 5-18-89

APPROVED DATE 5/19/89

APPROVED A. Shinagawa DATE 5-19-89

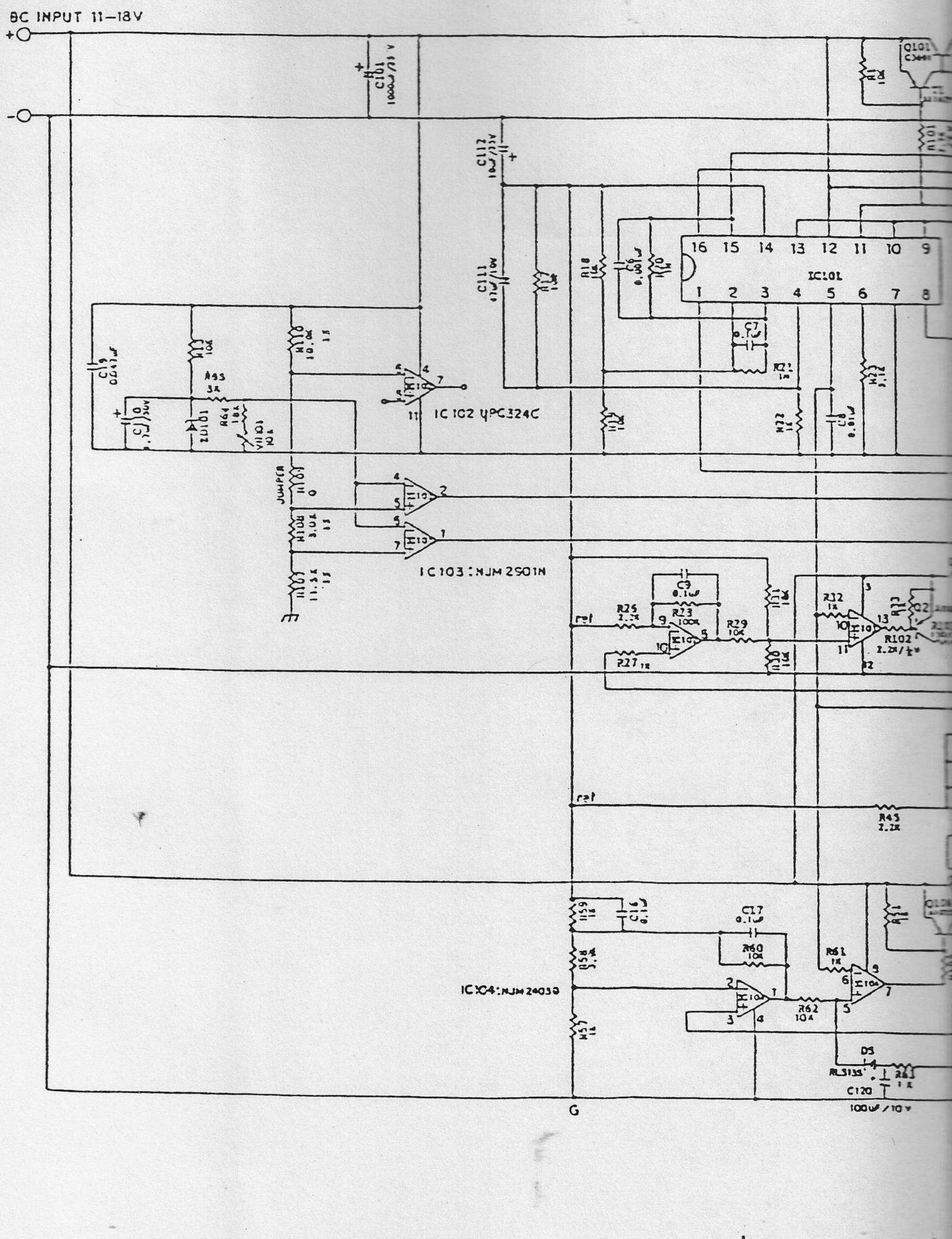
ATARI® ATARI CORPORATION

TITLE ASSY LED PCB LST

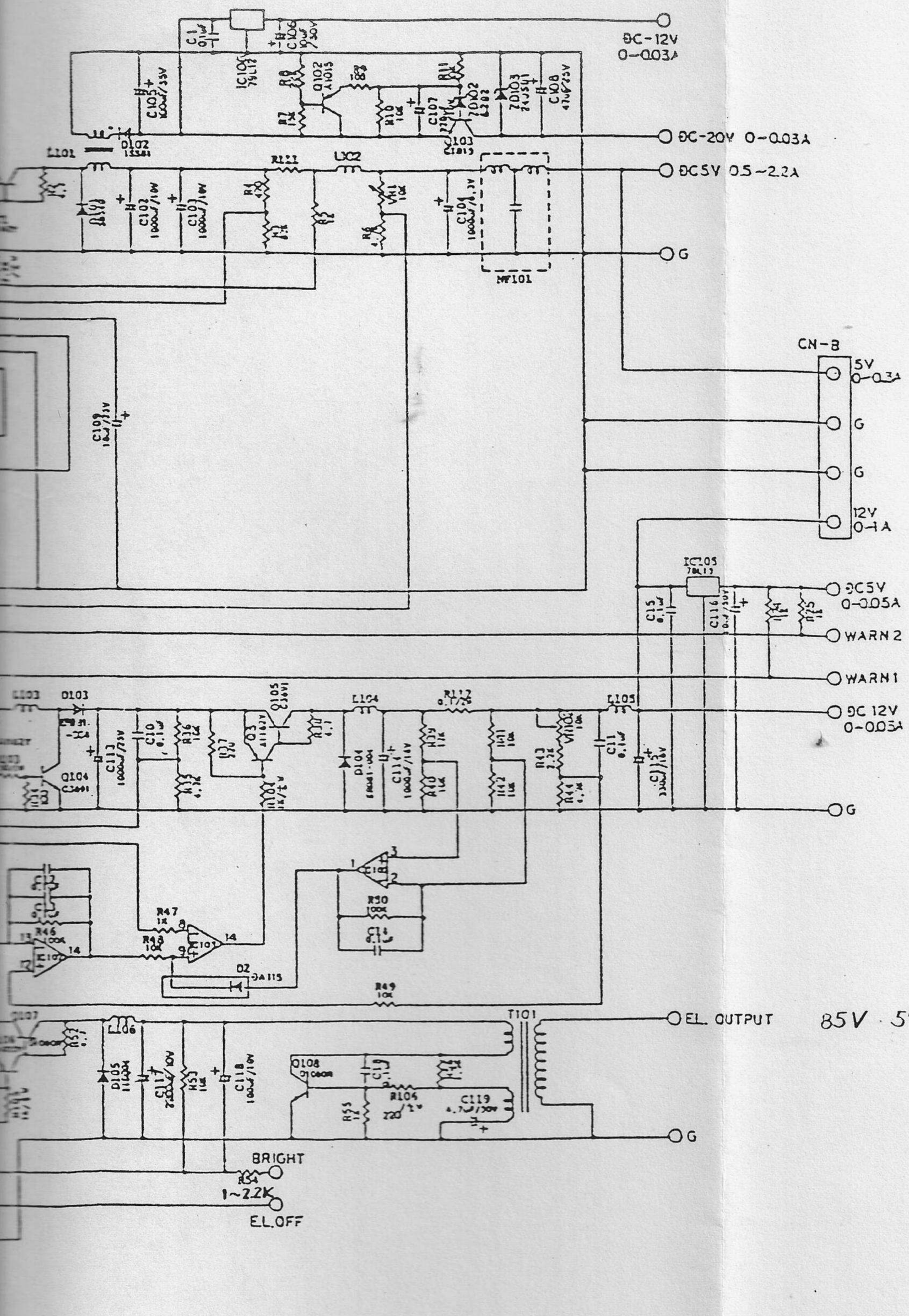
SIZE	DRAWING NO.	REV
B	CA200478-XXX	B

SCALE NONE SHEET 5 OF 5

SCHEMATIC DIAGRAM



NOTES—UNLESS OTHERWISE SPECIFIED:



UNLESS OTHERWISE SPECIFIED TOLERANCES			DRAWN BY h. hamba 2-28-90 DATE
ON LINIER DIMENSIONS		ON ANGULAR DIMENSIONS	CHECKED Y.N 2/28/90 DATE
UNDER 30	± 0.1	± 0.5°	ENGINEER A. Shinagawa 2-28-90 DATE
30 THRU 300	± 0.2		APPROVED DATE
OVER 300	± 0.4		APPROVED N. OKAZAKI 2/28/90 DATE
MATERIAL			
FINISH			
USED ON ORIGINAL MODEL			
CATION			

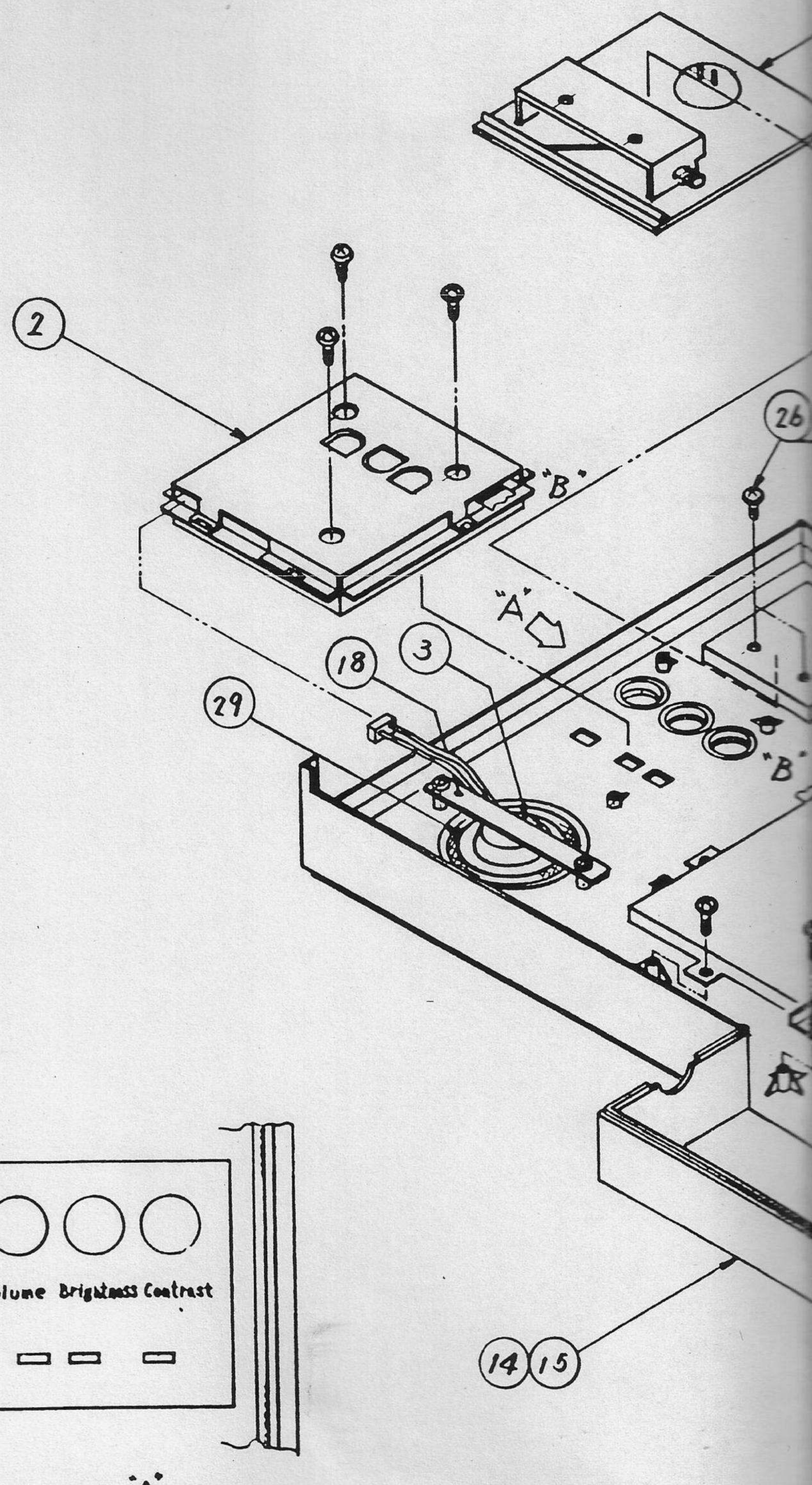
ATARI® ATARI CORPORATION

TITLE: DC - DC CONVERTER

SIZE	DRAWING NO.	REV
B	C101780-xxx	B

SCALE NONE SHEET 6 OF 7

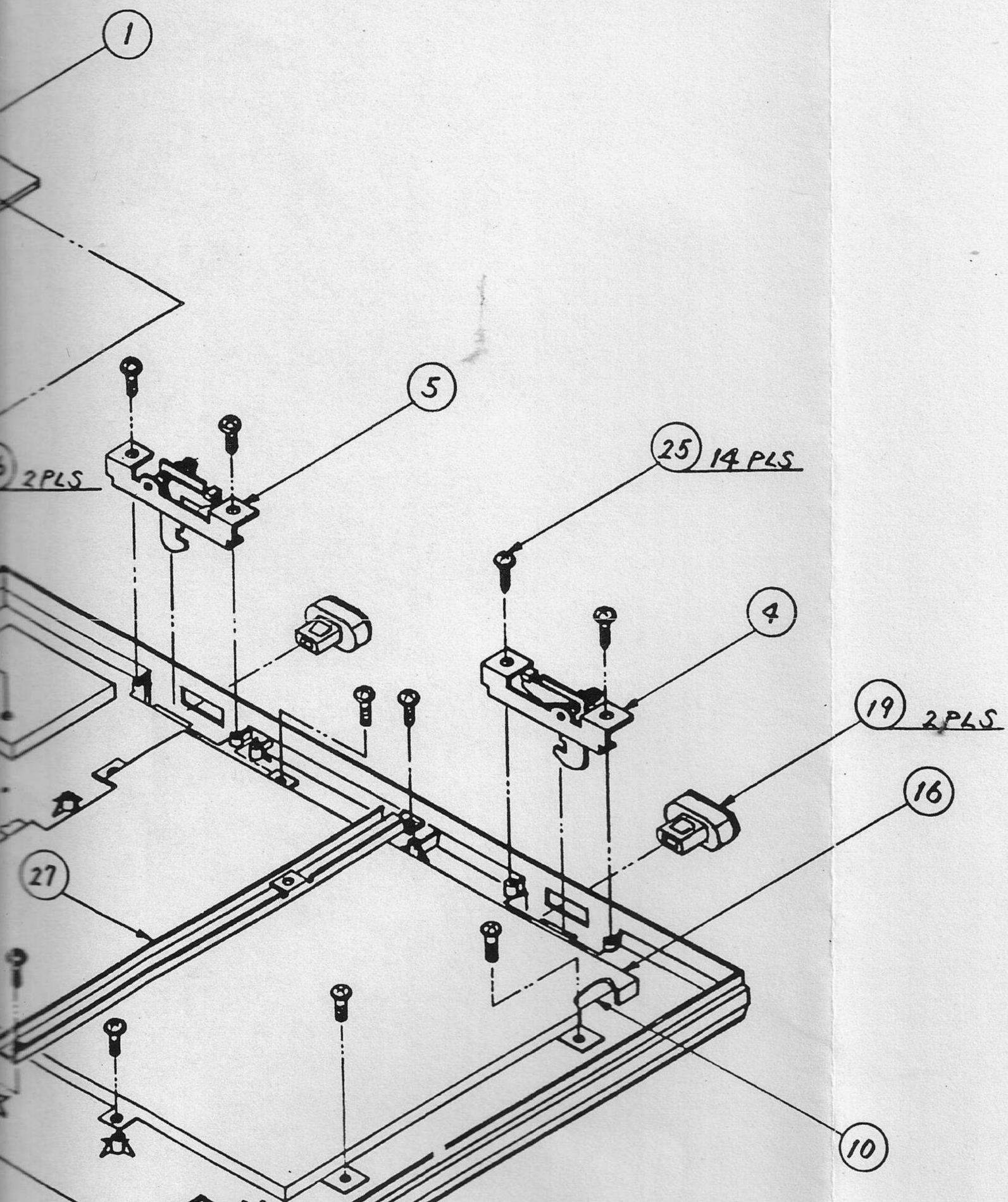
THIRD ANGLE SYSTEM DIMENSION : mm



VIEW "A"

NOTES—UNLESS OTHERWISE SPECIFIED:

REV	REVISIONS DESCRIPTION	DATE	APPROVED
	SEE SHEET 1.		



UNLESS OTHERWISE SPECIFIED TOLERANCES		
ON LINEAR DIMENSIONS		ON ANGULAR DIMENSIONS
UNDER 30	±	
30 THRU 300	±	±
OVER 300	±	
MATERIAL		
FINISH		

NEXT ASSY	USED ON ORIGINAL MODEL
APPLICATION	

DRAWN BY / DATE	5-8-89
CHECKED / DATE	5-13-89
ENGINEER / DATE	5-16-89
APPROVED / DATE	5/18/89
APPROVED / DATE	5-18-89

ATARI ATARI CORPORATION

TITLE: ASSY LCD PANEL LST

SIZE	DRAWING NO.	REV
C	C'A200475-XXX	C

SCALE 1/ NONE SHEET 4 OF 4

THIRD ANGLE SYSTEM DIMENSION