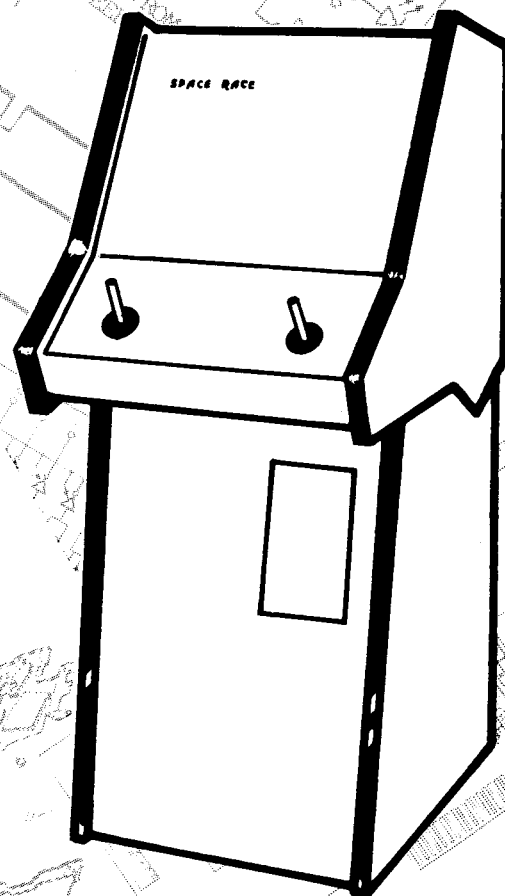




SPACE RACE

SERVICE MANUAL



1. LIP/NEEDLE
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WARRANTY

Seller warrants that its printed circuit boards and parts thereon are free from defects in material and workmanship under normal use and service for a period of ninety (90) days from date of shipment. Seller warrants that its television monitors are free from defects in material and workmanship under normal use and service for a period of thirty (30) days from date of shipment. None of the Seller's other products or parts thereof are warranted.

If the products described in this manual fail to conform to this warranty, Sellers' sole liability shall be, at its option, to repair, replace, or credit Buyer's account for such products which are returned to Seller during said warranty period, provided:

(a) Seller is promptly notified in writing upon discovery by Buyer that said products are defective;

(b) Such products are returned prepaid to Sellers' plant; and

(c) Seller's examination of said products discloses to Seller's satisfaction that such alleged defects existed and were not caused by accident, misuse, neglect, alteration, improper repair, installation or improper testing.

In no event shall Seller be liable for loss of profits, loss of use, incidental or consequential damages.

EXCEPT FOR ANY EXPRESS WARRANTY SET FORTH IN A WRITTEN CONTRACT BETWEEN SELLER AND BUYER WHICH CONTRACT SUPERSEDES THE TERMS OF THIS ORDER, THIS WARRANTY IS EXPRESSED IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE SELLER'S PART, AND IT NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR THE SELLER ANY OTHER LIABILITIES IN CONNECTION WITH THE SALE OF PRODUCTS UNDER THIS ORDER.

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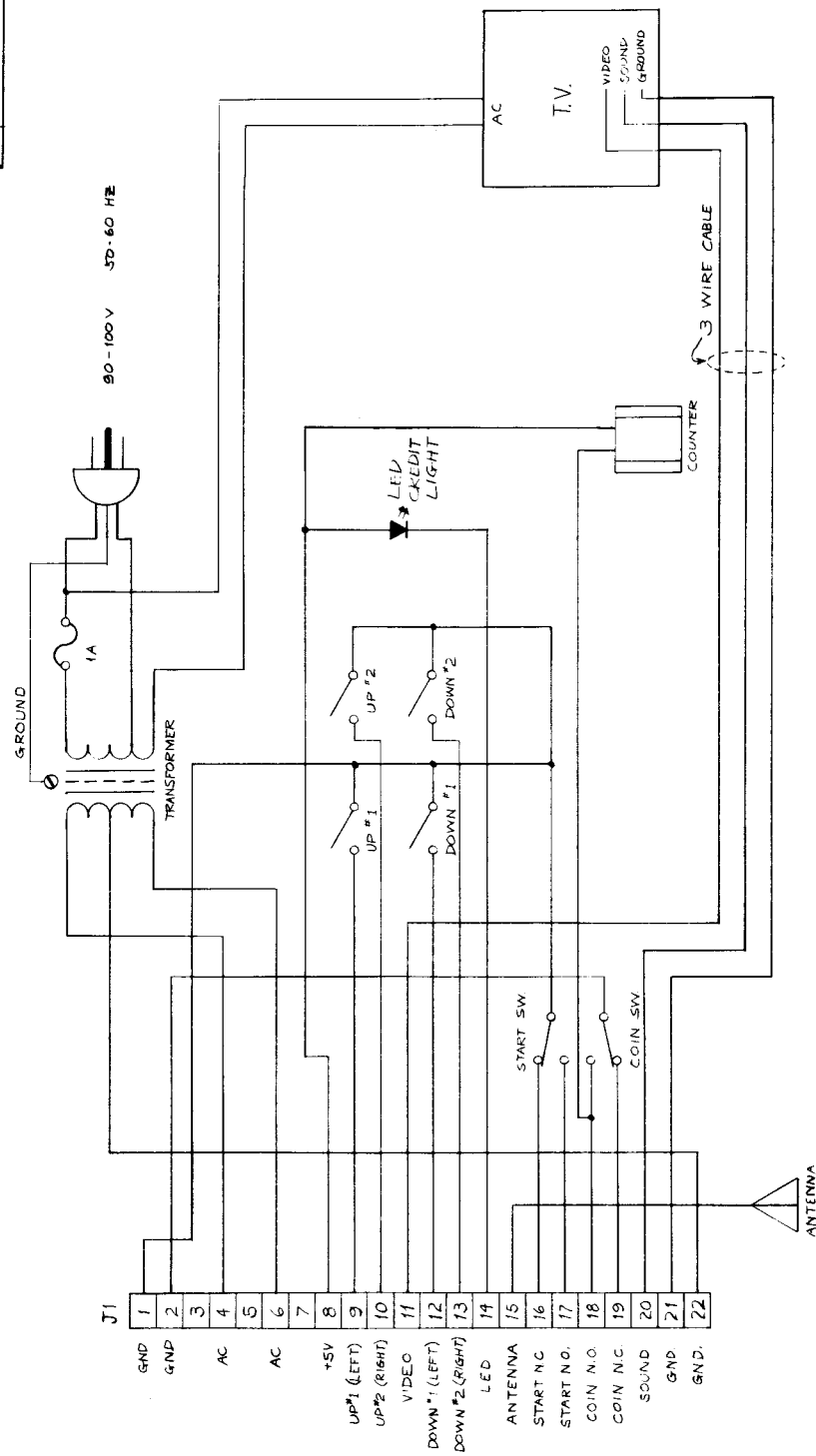
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REVISIONS			
SYM	DESCRIPTION	INITIALS and DATE	
A	REL TO PROD. REDRAWN	5/16/74	ENGNG
B	REV. PER EGN 517	6/24/74	WMP



1. ALL SWITCHES SHOWN IN THEIR USUAL POSITIONS

NOTES:

ATARI INCORPORATED 14600 Winchester Boulevard Los Gatos, California 95030		TITLE WIRING HARNESS S.R.		SIZE C	DRAWING NO 000771	REV B
DATE	DRAWN BY	CHECKED	DESIGN ENGINEER	DOCUMENT CONT		
INTERPRET THIS DRAWING PER UNAS 114.5		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON		FRACTIONS: 1/16 1/8 1/4 1/2 1 DECIMALS: .01 .03 .05 .1 .15 .2 .3 .5 .75 1 SURFACE FINISH: 32.5 ± .010		
MATERIAL		SPACE RACE		USED ON		
NEXT ASSY		APPLICATION		SHEET 1 OF 1		

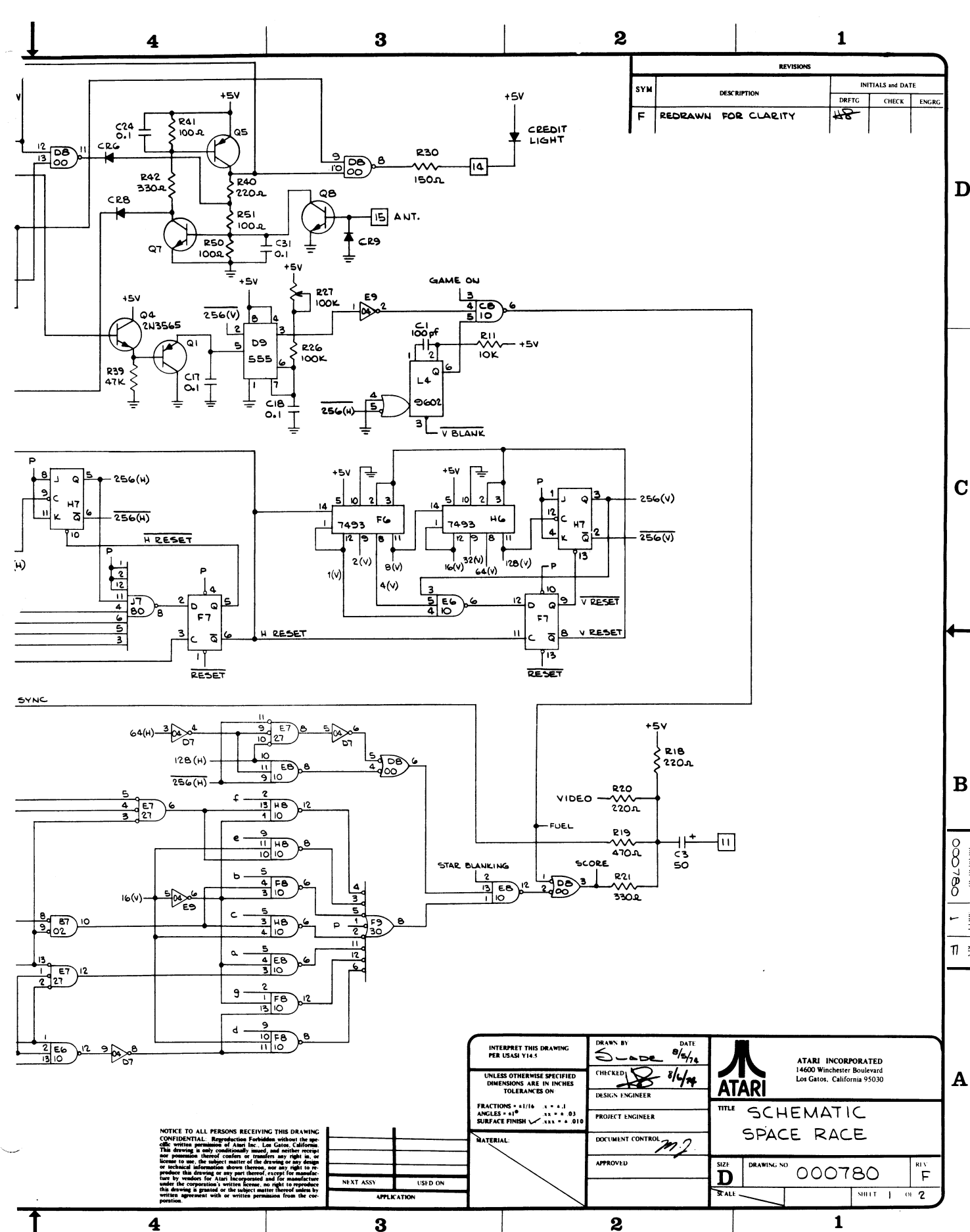
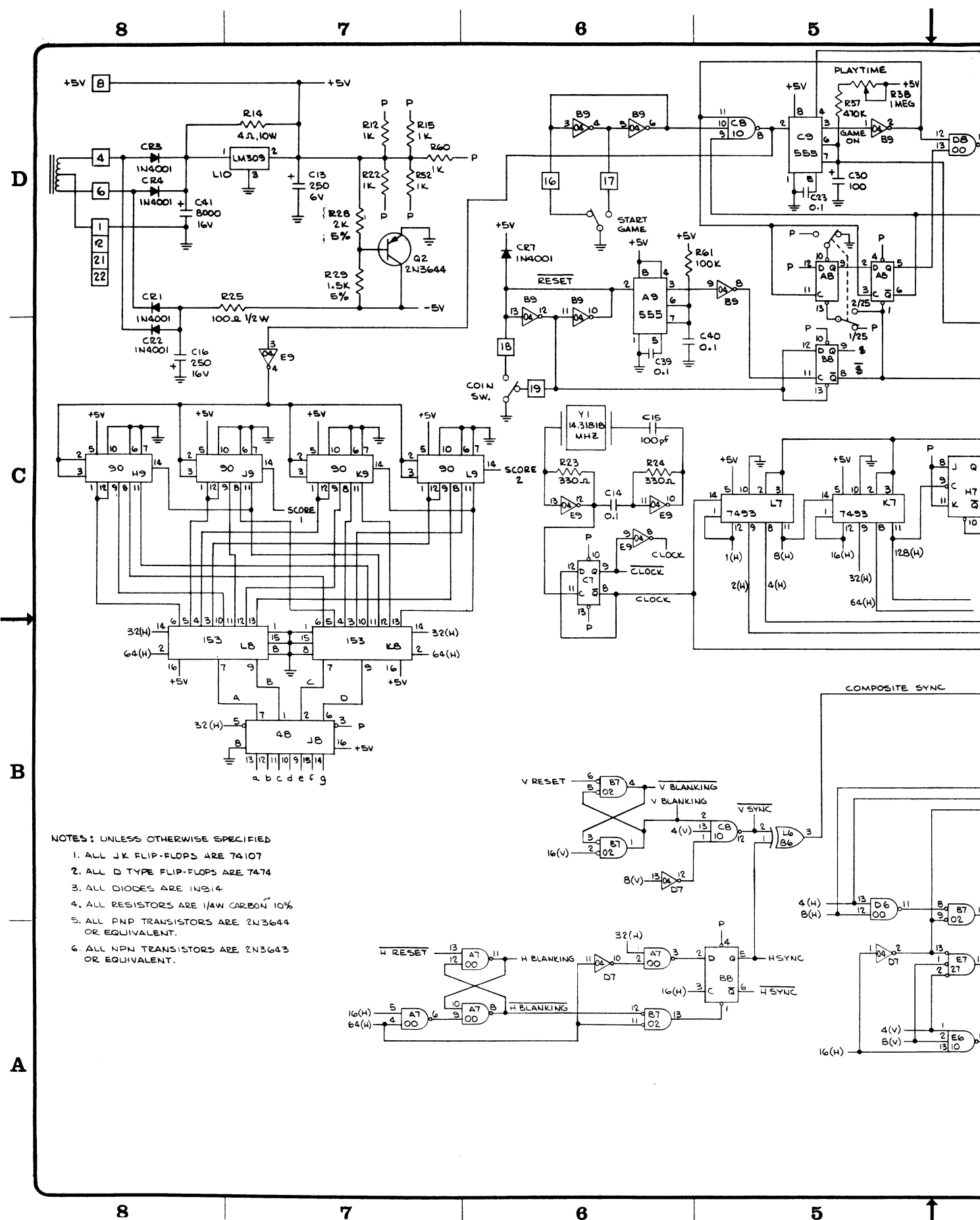
NOTICE TO ALL PERSONS RECEIVING THIS DRAWING
CONFIDENTIAL. Reproduction Forbidden without the express written permission of Atari Inc. This drawing is the property of Atari Inc. and is loaned to you for your information only. It is not to be distributed outside your organization. The drawing is to be used for the purpose of manufacturing or repairing the product shown. It is not to be used for any other purpose. The drawing is to be kept confidential and is not to be loaned, copied, or otherwise disclosed to any other person without the express written permission of Atari Inc. The drawing is to be returned to Atari Inc. when it is no longer needed. The drawing is to be kept in a safe place and is not to be lost or destroyed. The drawing is to be kept for the life of the product shown. The drawing is to be kept in a safe place and is not to be lost or destroyed. The drawing is to be kept for the life of the product shown.

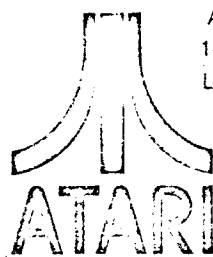
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ATARI INC
14600 WINCHESTER BOULEVARD,
LOS GATOS, CALIFORNIA 95030

PARTS LIST SPECIFICATION

DRAWING NO.

A000803

DATE

REV

F

TITLE

SPACE RACE
PRINTED CIRCUIT BOARD ASSEMBLY
VP 121

DRAWN

DATE

ENGINEER

DATE

ITEM | PART NO. | QTY | DESCRIPTION

1	72000	9	7400 Integrated Circuit
2	72001	4	7402 " "
3	72002	5	7404 " "
4	72003	7	7410 " "
5	72004	1	7420 " "
6	72006	3	7427 " "
7	72007	2	7430 " "
8	72008	1	7448 " "
9	72010	8	7474 " "
10	72012	1	7486 " "
11	72013	4	7490 " "
12	72014	6	7493 " "
13	72015	3	74107 " "
14	72016	2	74153 " "
15	72023	1	9311/74154 " "
16	72024	1	9312/8230 " "
17	72017	10	9316 " "
18	72025	1	9322/74157 " "
19	72026	1	9602 " "
20	72018	6	555 " "
21	72021	3	566 " "
22	30100	4	100 PF Capacitor, Mica
23	34102	3	.001 MFD Ceramic Bypass Capacitor
24	34101	17	.1 MFD Ceramic Bypass Capacitor
25	32101	9	.1 MFD Capacitor Mylar, + 10%, 6V.
26	35502	6	5MFD Capacitor, Electrolytic 10V
27	39100	1	100 MFD Capacitor, Tantalum, 10V 20%
28	35254	1	250 MFD Capacitor Electrolytic, 6V
29	37101	1	250 MFD Capacitor Electrolytic, 16V
30	35473	2	47 MFD Capacitor Electrolytic 6V
31	37100	1	8000 MFD Capacitor Electrolytic 16V
32	10101	3	100 ohm, + 10%, 1/4 Watt, Carbon Resistor
33	10151	1	150 ohm, " " " "
34	10221	3	220 ohm " " " "
35	10331	4	330 ohm " " " "

PARTS LIST SPECIFICATIONS

DRAWING NO.

DATE

REV

A000803

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ITEM PART NO. QTY DESCRIPTION

Space Race-PC Board Ass'y

36	10471	1	470 ohm, + 10%, 1/4 Watt, Carbon Resistor
37	10102	13	1K ohm " " " "
38	10222	11	2.2K ohm " " " "
39	10472	1	4.7K ohm " " " "
40	10682	3	6.8K ohm " " " "
41	10103	6	10K ohm " " " "
42	10473	1	47K ohm " " " "
43	10104	2	100K ohm " " " "
44	10334	2	330K ohm " " " "
45	10474	5	470K ohm " " " "
46	12101	1	100 ohm, + 10%, 1/2 Watt, " "
47	11152	1	1.5K ohm + 5%, 1/4 Watt, " "
48	11202	1	2.0K ohm " " " "
49	19100	1	4 ohm, + 20%, 10 Watt Resistor, Wire Wound
50	22104	1	100K, Trim Pot, PC Mount
51	22105	1	1 Meg., Trim Pot, PC Mount
52	71000	30	1N914 Diode
53	71001	5	1N4001 Diode
54	70000	2	2N3643 Transistor
55	70001	6	2N3644 Transistor
56	70002	1	2N3656 Transistor
57	72019	1	LM309K Voltage Regulator
58	83014	1	Heatsink, Wakefield 680-1.25A
59	84001	a/r	Heatsink Compound (#340 Dow)
60	60000	1	Switch, DPDT Slide, PC Mount
61	81001	1	Crystal, 14.31818 MHZ (HC-25 Case)
62	75100	2	Screw, 6-32 x 5/8 Pan Hd.
63	75101	4	Washer, 6-32 Internal Star Lock
64	75102	2	Washer, 6-32 Flat
65	75103	2	Hex Nut, 6-32
66	90101	1	P. C. Board, Space Race



SPACE RACE

ATARI INC
73

P/N 90101

COMP VIEW

* USE CR5 OR R26, R29, R32

Stuffing for SR
000103

