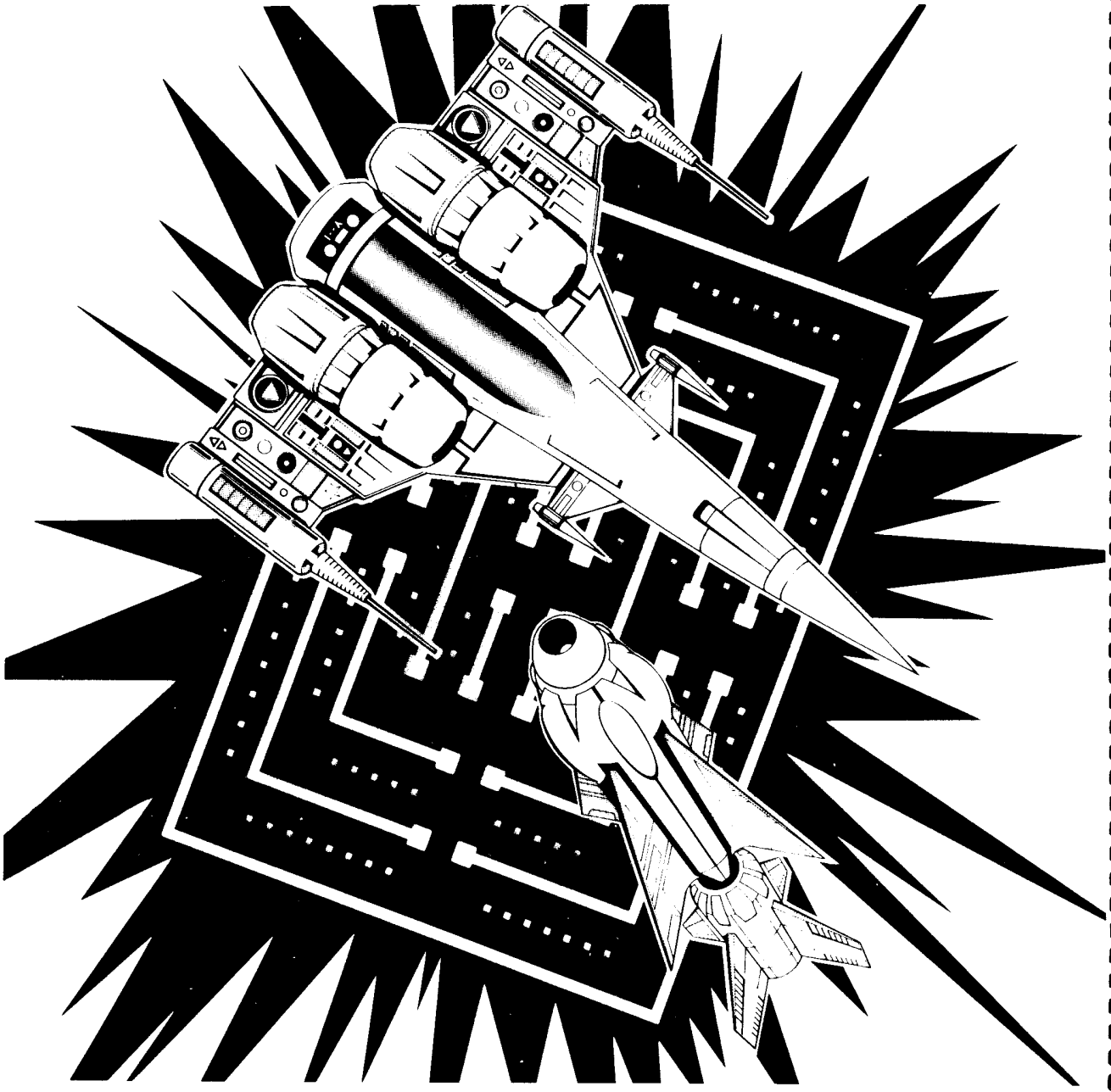
SPACE CHASER COLOR



AND PARTS CATALOG

TAITO

TAITO CORPORATION

RWO70006

NOTE.1 THE RELATION BETWEEN COIN AND CREDIT

	SW. 1							SW. 2							
	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8
1 COIN 1 PLAY	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
2 COIN 1 PLAY	"	"	"	"	"	"	"	OFF	ON	OFF	"	"	"	"	"
3 COIN 1 PLAY	"	"	"	"	"	"	"	"	OFF	ON	"	"	"	"	"
4 COIN 1 PLAY	"	"	"	"	"	"	"	"	OFF	OFF	ON	"	"	"	"
1 COIN 2 PLAY	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
1 COIN 3 PLAY	OFF	ON	"	"	"	"	"	"	"	"	"	"	"	"	"
1 COIN 4 PLAY	ON	ON	"	"	"	"	"	"	"	"	"	"	"	"	"

5. Playing Instruction

- o One or two players can play.
- o Insert coin(s), and select one or two player game.
  1 coin - 1 play ... 3 Spaceships (Adjustable)
  2 coins - 2 plays(1 - player game)
  1 play (2 - player game)
- o Spacehip (yellow) and chaser Missile will appear on the screen.
- o Control the Spacehip by using the Control Lever and clear dots (■) without colliding into oncoming chaser missiles.
- o By pushing the Thrust Button, the Spaceship can be some distance ahead of the Chaser Missile, but the fuel and bonus points decrease.
- o In two player mode, the play alternates between the two.

Functional Description of Game:

- o Points for a dot increase by 10 points per frame (up to 90 points) every time all dots in a frame have been creared. (Bonus points will be added.)
- o The bonus points are 4,000 points at the game atart, and will decrease by pushing the Thrust Button.
- o Green Zone will appear on the course for accelerating the Chaser Missiles.
- o The second Chaser Missile will appear when the score reaches 10,000 points,
- o Game ends when the lest Spaceship is distroyed by the Chaser Missile.
- o The high-scorer's name can be registered on the screen. Any waony wording can be cancelled by pushing the Name Reset Button, but the high score will not be cancelled.

Method:

(1) The alphabets ("A"-"Z"), "RUB", and "END" will be displayed on the screen. By moving the contrl lever, move the red underline to the alphabet one by one so that the high-scorer's name can by spelled.

(2) An alphabet on the red underline can be resistered at a time on the screen by pushing the thrust button.

"RUB" ... If any wrong alphabet has been registered, move the red underline to the word "RUB" , and push the thrust button so that the alphabet will be canceled.

"END" ... When finishing the high-scorer's name registration move the red underline to the word "END" and push the thrust button.

(3) The high-scorer's name register can mode within one and half minutes. After one and half minutes passed, the registration will be automalically stopped.
(In total. ten alphabets can be registered.)

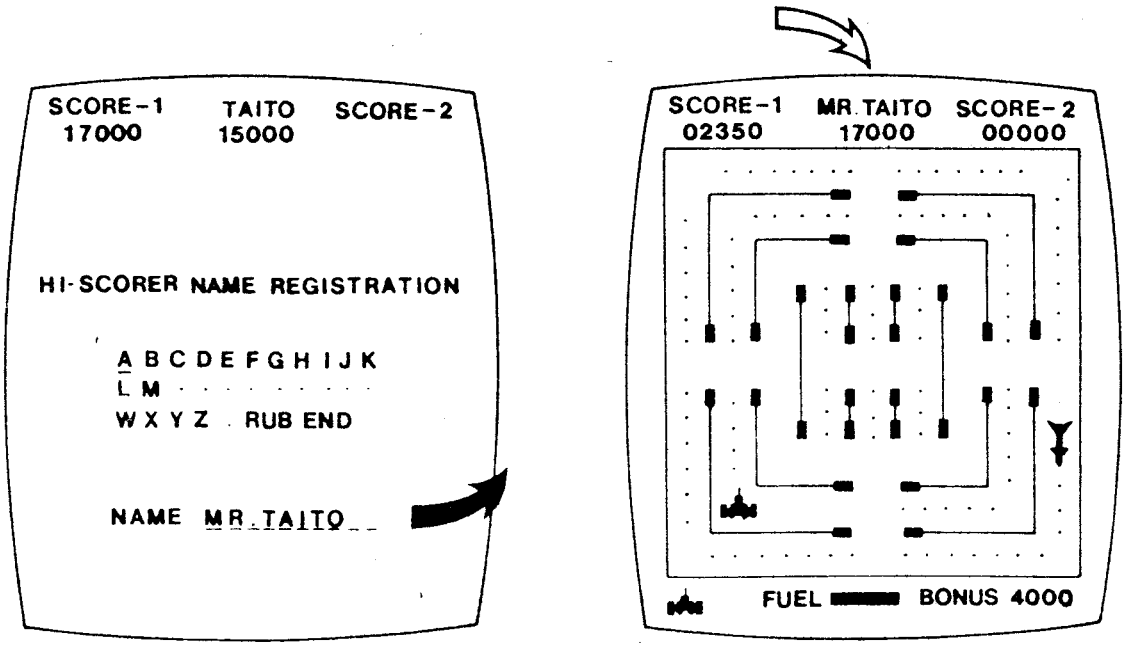


Fig.3

6. Adjustments on Switching Regulator PC Board

(See Fig. 4)

Caution: The line voltages should be set within the limit. Failure to do so may result in destruction of the IC's.

o To check the output voltage, measure them on the G-connector or the T-connector.
(See the attaching cable Block Diagram NO. AAR00196.)

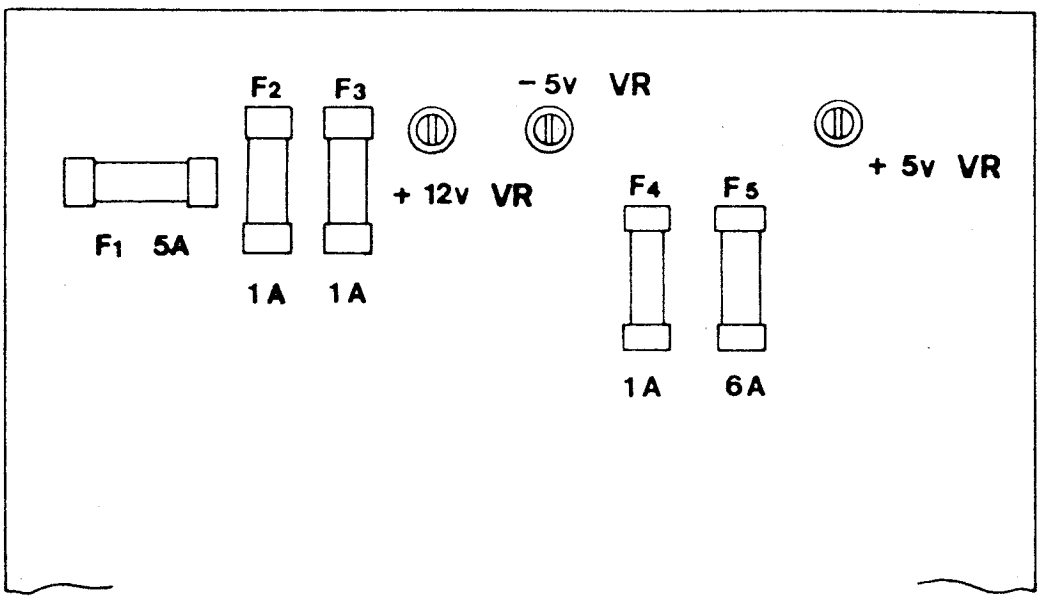


Fig. 4

o +5V VR ... Pot for adjusting +5V DC line voltage
(Adjustment range: +4.5V to +5.5V DC)
Set approx. +5V.

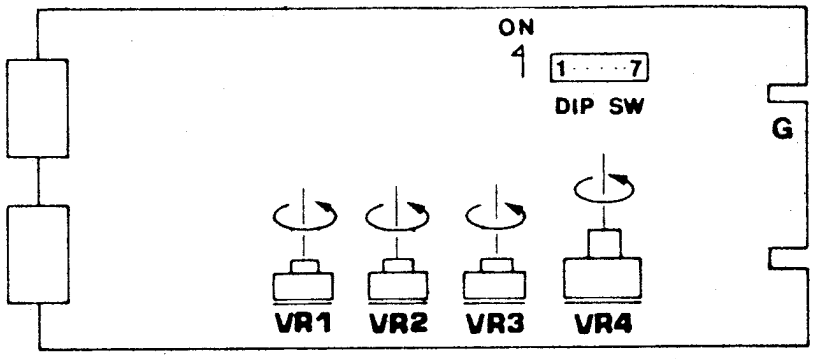
o -5V VR ... Pot for adjusting -5V DC line voltage
(adjustable range: -5.5V to -4.5V DC)
Set approx. -5V.

(When the +5V line hes no load, this -5V voltage is not present on the line.)

o +12V VR ... Pot for adjusting +5V DC line voltage
(Adjustable range: +10.8V to +13.2V DC)
Set approx. +12V.

7. Adjustments on Game PC Board (See Fig. 5and Table 1)

o To decrease the sound, turn each pot (VR1 -VR4) to the derection shown below with arowheads.



Fig,5

VR1 ... Pot for adjusting the music sound

VR2 ... Pot for adjusting the effect sound and the explosion sound

VR3 ... Pot for adjusting the dot - hitting sound

VR4 ... Pot for adjusting the total sound

Change-over of DIP Switches;

o SW1,SW2 ..Switches for changing the number of spaceships

SW 1	ON	OFF	ON	OFF
SW 2	ON	ON	OFF	OFF
Number of Spaceships	3	4	5	6

Table.1

These switches have been preset at "ON" position at the factory. (3 spaceships at the game start)

o SW3-SW6 ..Switches for adjusting solid-state modules
These switches are for factory adjustments, and all of them should be set at "ON" position.

o SW7 ..... Switch for rotating images on the screen
When the switch is set at "OFF" position, the images on the screen will be rotated
This switch should be set at "ON" position.

8. Adjustments on Color Video Monitor (See Fig. 6)

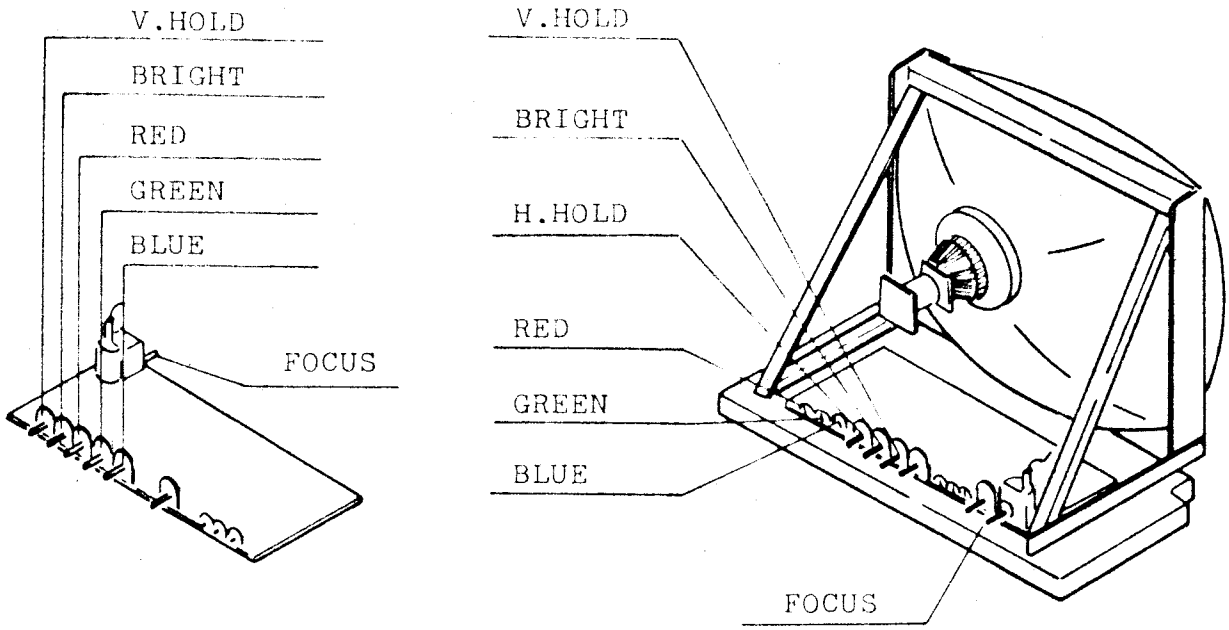


Fig. 6

The video monitor is properly adjusted before shipping, however, if necessary, seadjust as follows:

Caution: Carful adjustments are reguired for the H.Hold and the V.Hold adjustments.

o Horizontal Hold
  Adjust the H.HOLD control if the picture is warpped or broken into diagonal lines.

o Vertical Hold
  Adjust the V.HOLD control if the picture rolls vertically across the screen.

o Screen Brighness
  Adjust the BRIGHT control to keep the screen clear.

o FOCUS ... Screen Focus Control

o RED, GREEN, and BLUE ... Color Controls

Note: (1) Color aberration may occur depending on the setting condition of the machine. In that case, use a degsussing device. Keep magnet away from the screen, otherwise, it may result in color aberration.

(2) **The color video monitor of Taito "SPACE CHASER" is for exclusive use, therefore, it can not be replaced with that of other models.**

9. Adjustments of Supply Voltage (See Fig. 7)

If the voltage of the power supply is low, the picture on the screen sometimes gluckers. In that case, change the connection of the power transformer terminals in the cabinet. This adjustment is obtained by using the change-over switch.

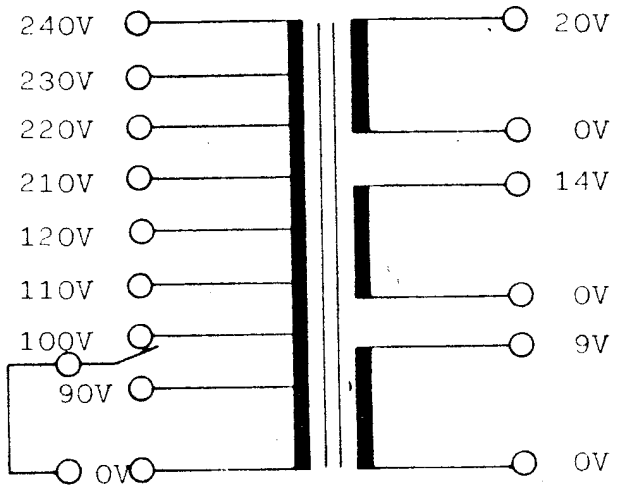


Fig. 7

10. Typical Picture During Play (See Fig.8)

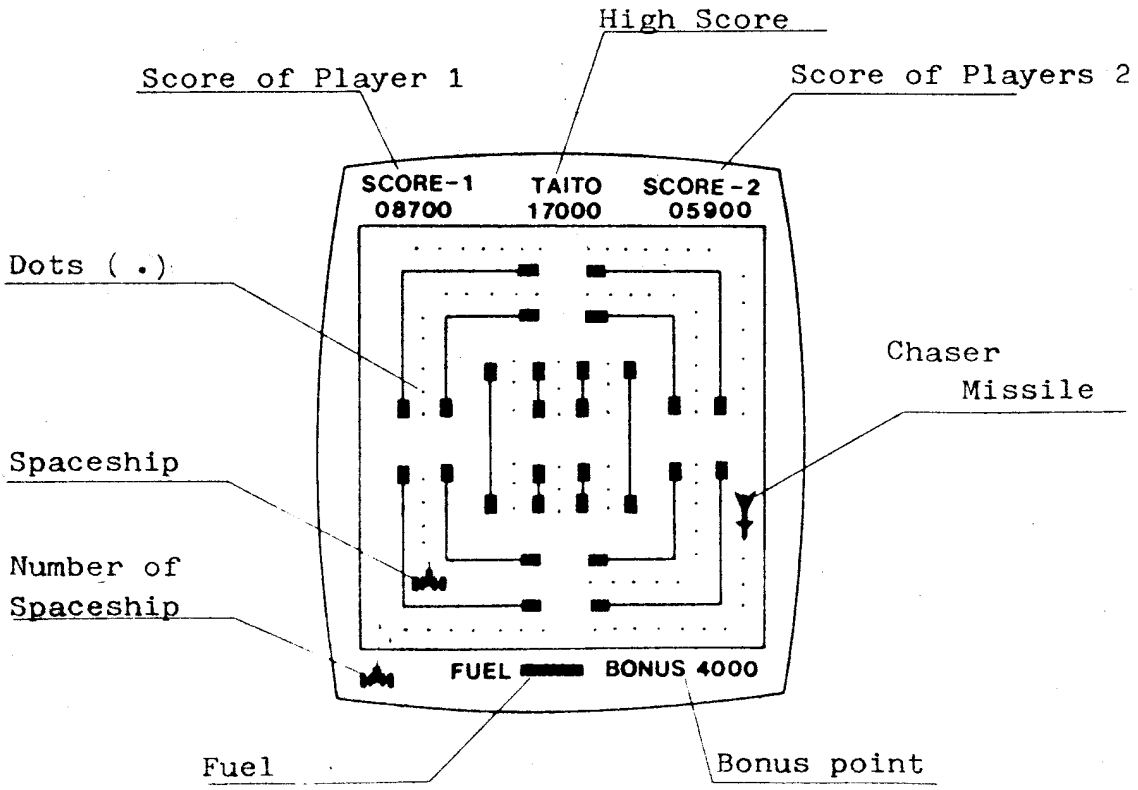
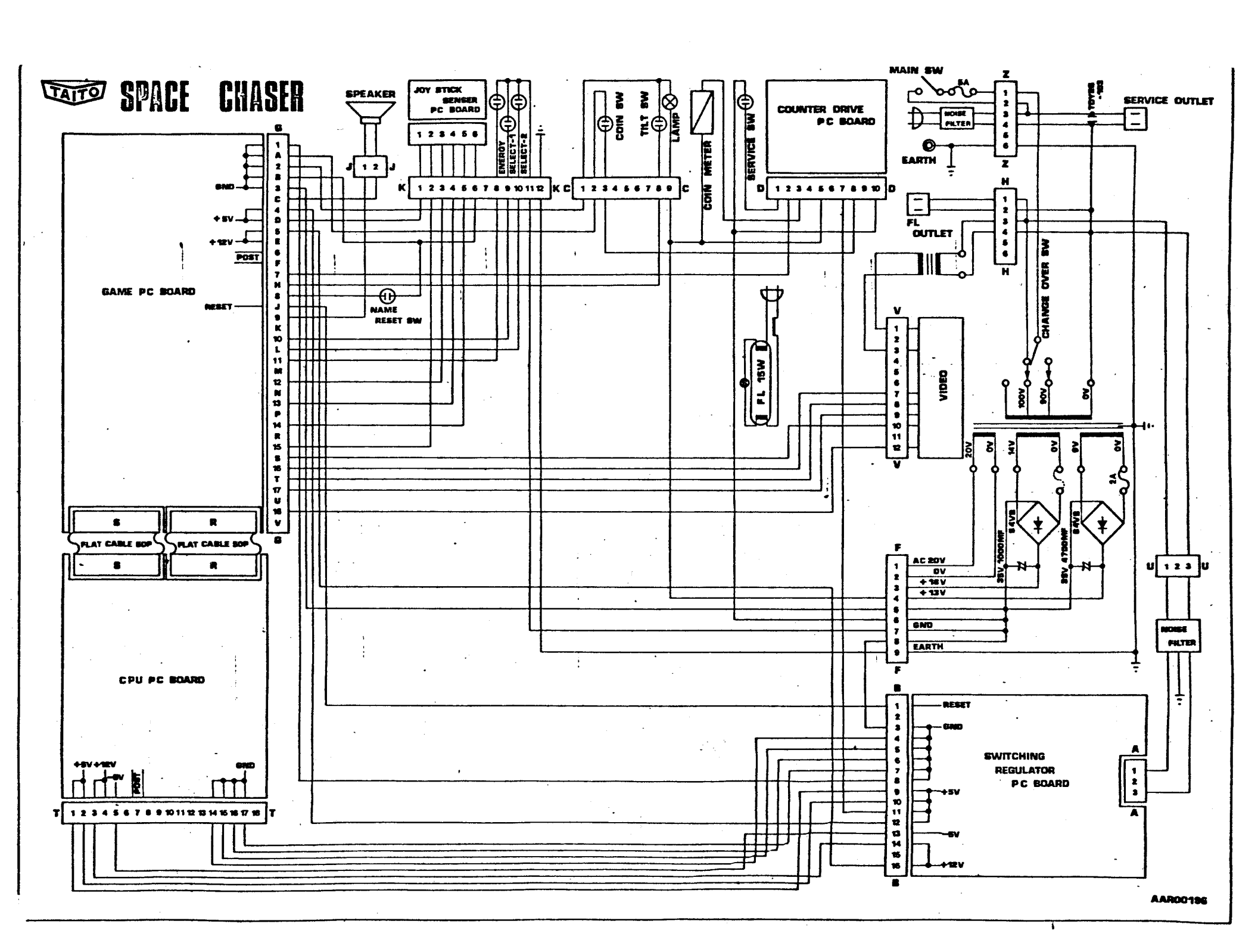
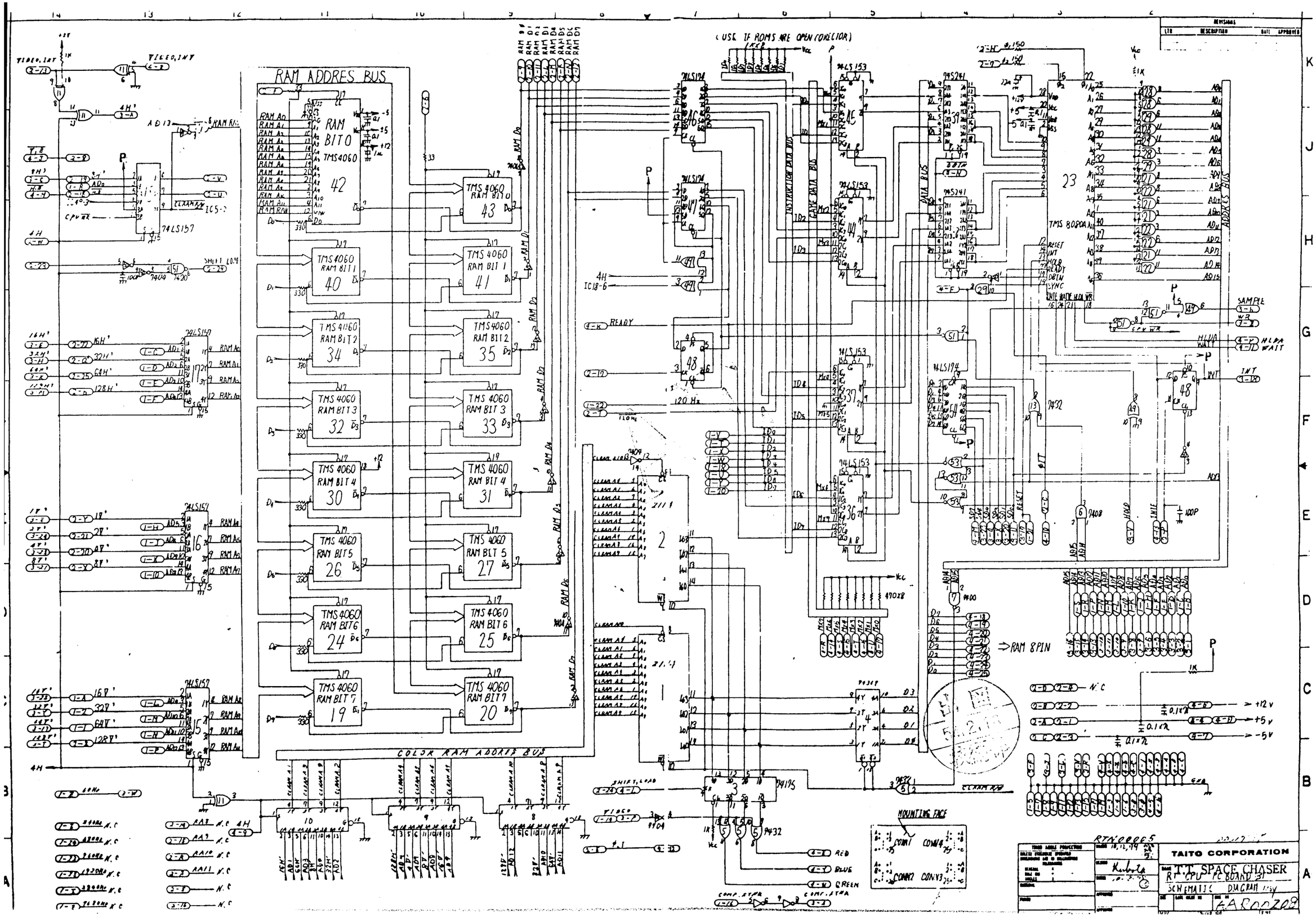
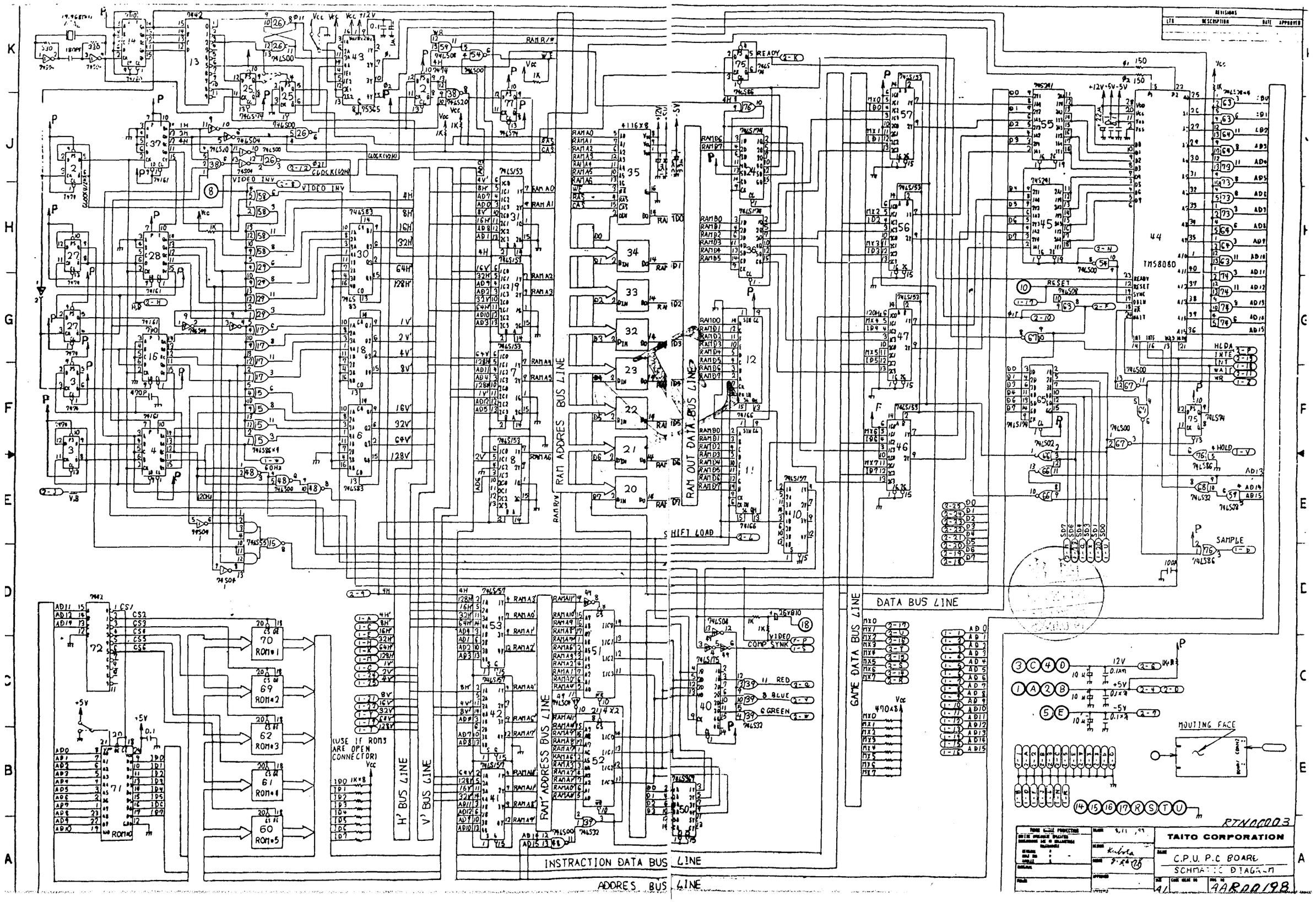
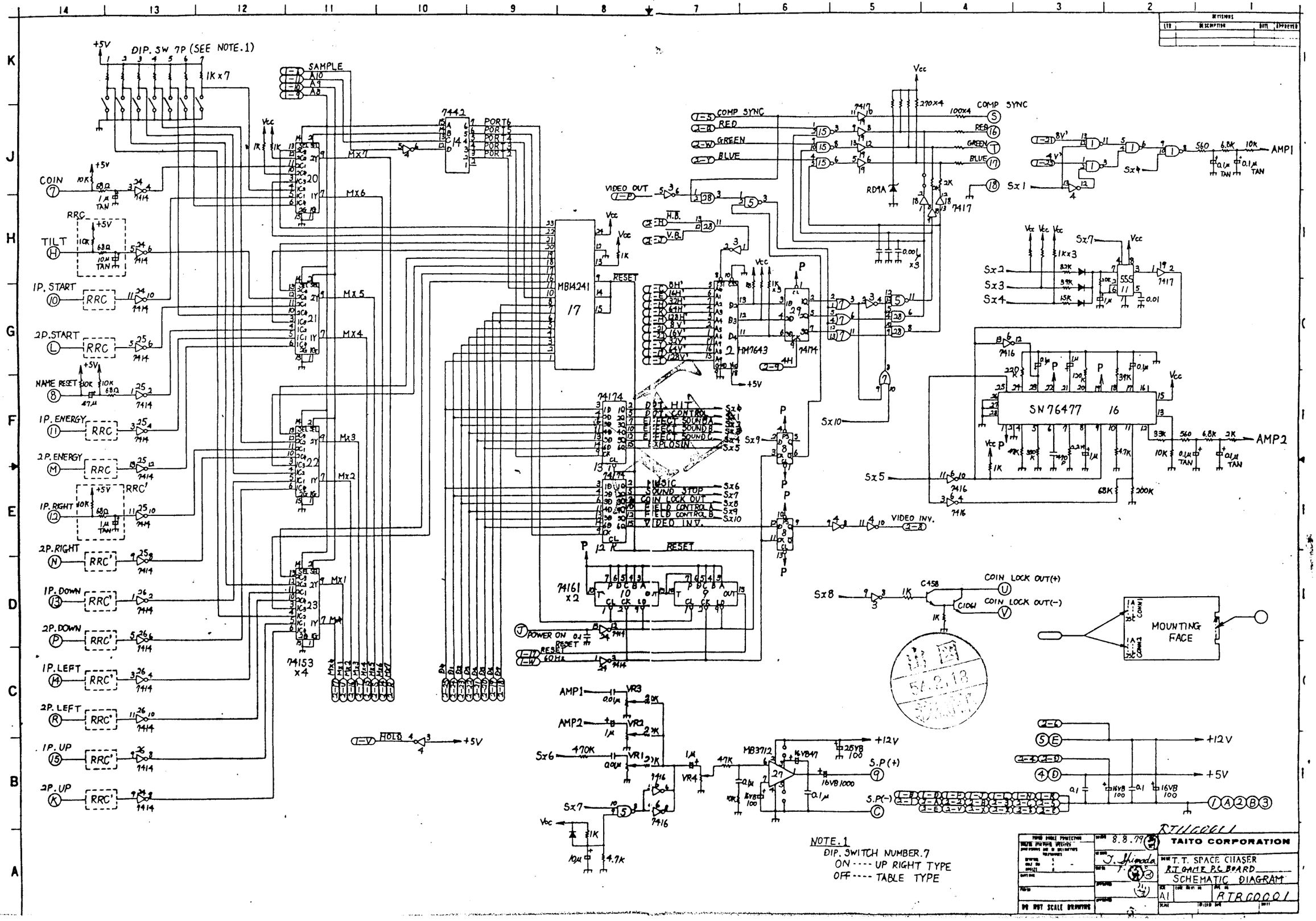


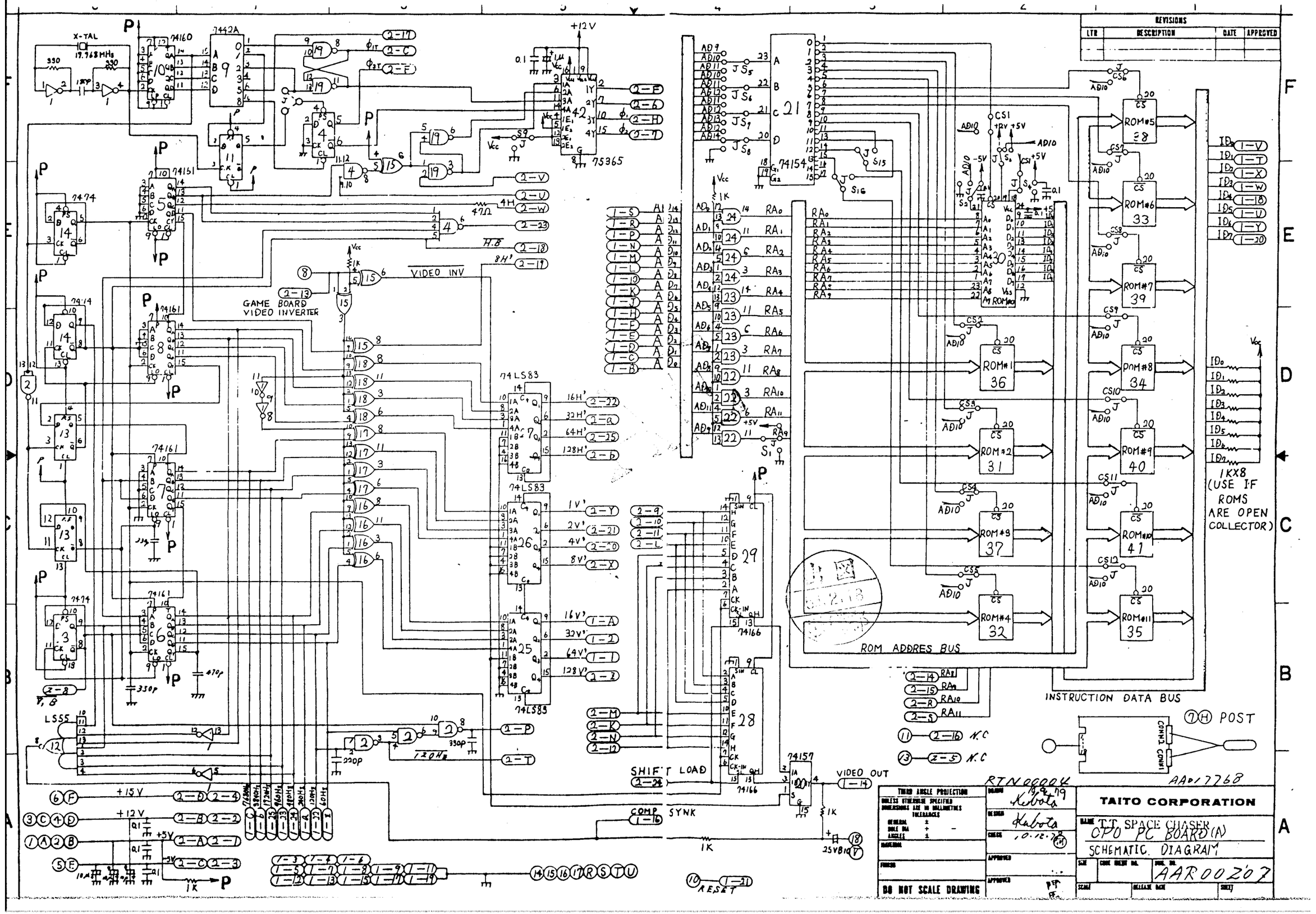
Fig. 8

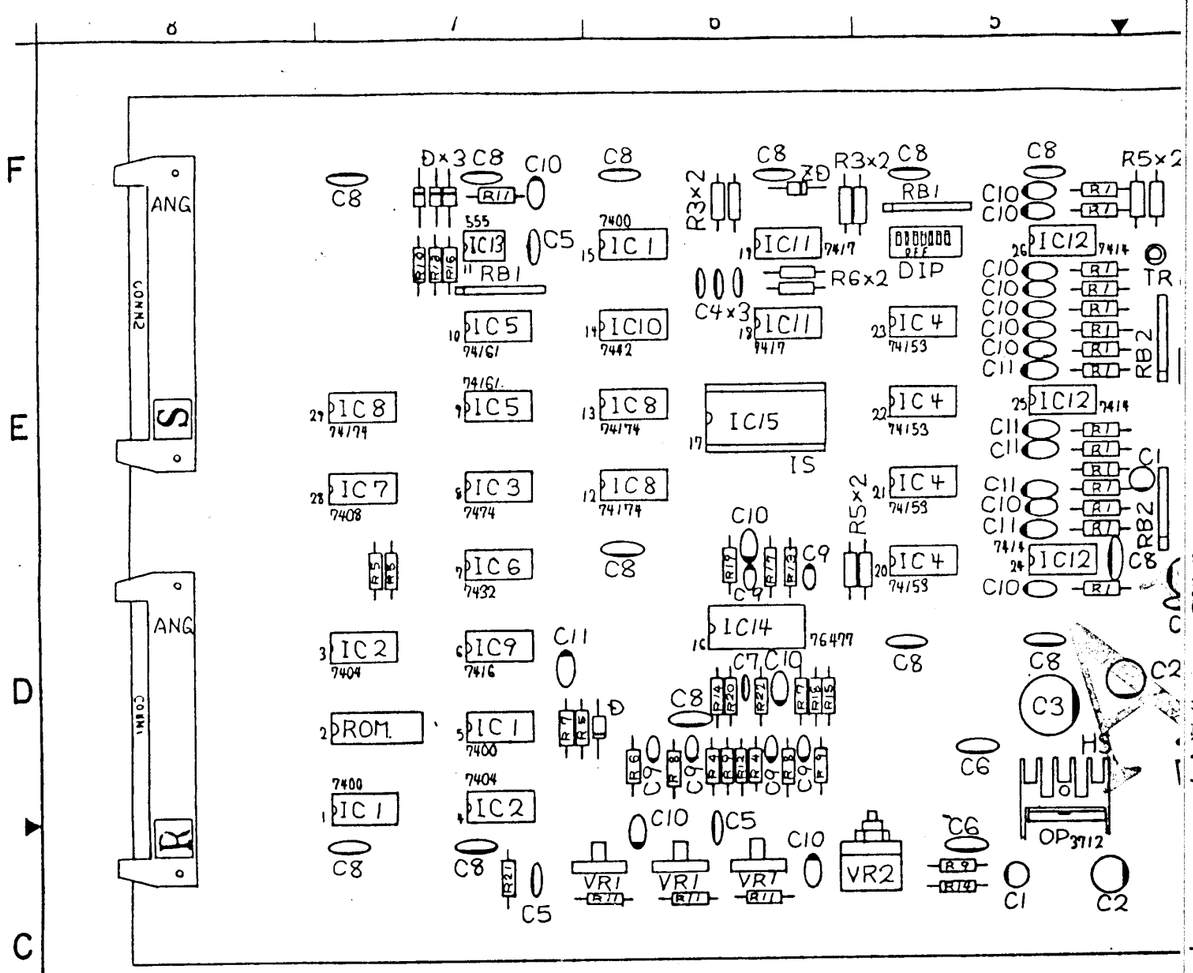

TAITO
SPACE CHASER
SPEAKER
JOY STICK SENSER PC BOARD
ENERGY
SELECT-1
SELECT-2
COIN SW
TILT SW
LAMP
COIN METER
SERVICE SW
COUNTER DRIVE PC BOARD
MAIN SW
5A
NOISE FILTER
EARTH
SERVICE OUTLET
FL OUTLET
CHANGE OVER SW
GAME PC BOARD
GND
+5V
+12V
POST
RESET
NAME RESET SW
FL 15W
VIDEO
FLAT CABLE SOP
CPU PC BOARD
AC 20V
0V
+16V
+13V
GND
EARTH
SWITCHING REGULATOR PC BOARD
RESET
GND
+5V
-5V
+12V
AAR00196

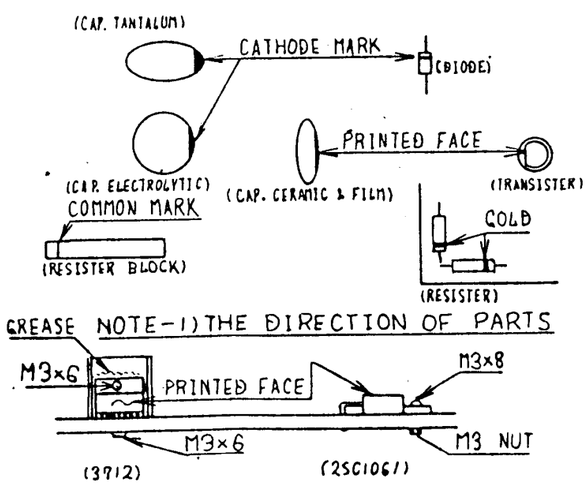

RAM ADDRES BUS
RAM BIT0 TMS4060 42
TMS 4060 RAM BIT 0 43
TMS 4060 RAM BIT 1 41
TMS 4060 RAM BIT 2 35
TMS 4060 RAM BIT 3 33
TMS 4060 RAM BIT 4 31
TMS 4060 RAM BIT 5 27
TMS 4060 RAM BIT 6 25
TMS 4060 RAM BIT 7 20
TMS 4060 RAM BIT 1 40
TMS 4060 RAM BIT 2 34
TMS 4060 RAM BIT 3 32
TMS 4060 RAM BIT 4 30
TMS 4060 RAM BIT 5 26
TMS 4060 RAM BIT 6 24
TMS 4060 RAM BIT 7 19
74LS157
74LS174
74LS153
74LS241
74LS194
TMS 8080A 23
ADDRESS BUS
DATA BUS
INSTRUCTION DATA BUS
CARE DATA BUS
(USE IF ROMS ARE OPEN COLECTOR)
⇒RAM 8PIN
COLOR RAM ADDRES BUS
MOUNTING FACE
TAITO CORPORATION
T.T. SPACE CHASER
RT-CPU PC BOARD 3/3
SCHEMATIC DIAGRAM
RTN00005
AA00208


TAITO CORPORATION
C.P.U. P.C BOARE
SCHMATIC DIAGRAM
RTN00003
AAB00198
DATA BUS LINE
ADDRES BUS LINE
INSTRACTION DATA BUS LINE
H' BUS LINE
V' BUS LINE
RAM ADDRES BUS LINE
RAM OUT DATA BUS LINE
GAME DATA BUS LINE
SHIFT LOAD
VIDEO INV
CLOCK(1/2H)
RAM R/W
READY
RESET
HLDA
INTE
INT
WAIT
WR
HOLD
SAMPLE
COMP SYNK
RED
BLUE
GREEN
MOUNTING FACE
TM5808D
ROM#1
ROM#2
ROM#3
ROM#4
ROM#5
(USE IF ROMS ARE OPEN CONNECTOR)


DIP. SW 7P (SEE NOTE.1)
SAMPLE
COIN
TILT
1P. START
2P. START
NAME RESET
1P. ENERGY
2P. ENERGY
1P. RIGHT
2P. RIGHT
1P. DOWN
2P. DOWN
1P. LEFT
2P. LEFT
1P. UP
2P. UP
MB14241
17
RESET
HM7643
74174
74161
74153
SN76477
16
COMP SYNC
RED
GREEN
BLUE
VIDEO OUT
VIDEO INV.
AMP1
AMP2
COIN LOCK OUT(+)
COIN LOCK OUT(-)
MOUNTING FACE
S.P(+)
S.P(-)
+12V
+5V
NOTE.1
DIP. SWITCH NUMBER.7
ON ---- UP RIGHT TYPE
OFF ---- TABLE TYPE
TAITO CORPORATION
T. T. SPACE CHASER
RT GAME P.C.BOARD
SCHEMATIC DIAGRAM
RTR00001
DO NOT SCALE DRAWING


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
X-TAL
17.963MHz
74160
7442A
75365
74154
74161
74LS83
74166
74157
LS555
GAME BOARD VIDEO INVERTER
VIDEO INV
ROM ADDRES BUS
INSTRUCTION DATA BUS
1KX8 (USE IF ROMS ARE OPEN COLLECTOR)
SHIFT LOAD
COMP SYNK
VIDEO OUT
RESET
POST
N.C
+15 V
+12 V
+5V
-5V
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
TOLERANCES
DO NOT SCALE DRAWING
RTN00004
AA017768
TAITO CORPORATION
T.T SPACE CHASER
CPU PC BOARD (A)
SCHEMATIC DIAGRAM
AAR00207





NOTE-1) THE DIRECTION OF PARTS

NOTE-2) HOW TO MOUT PARTS

70	RB2	AAT 55039	RESISTER BLOCK, 10KOHM 8elements	2
69	RB1	• 55036	RESISTER BLOCK, 1KOHM 8elements	2
68	VR2	• 53047	VARIABLE RESISTER, B-50K RV/GYP	1
67	VR1	• 53041	VARIABLE RESISTER, B-50K	3
66	R22	• 51845	RES.,CARBON, 2.2MOHM 1/4W ±5%	1
65	R21	• 51829	• , • , 470K • • •	1
64	R20	• 51825	• , • , 330K • • •	1
63	R19	• 51821	• , • , 220K • • •	1
62	R18	• 51820	• , • , 200K • • •	1
61	R17	• 51815	• , • , 120K • • •	1
60	R16	• 51811	• , • , 82K • • •	1
59	R15	• 51809	• , • , 68K • • •	1
58	R14	• 51805	• , • , 47K • • •	2
57	R13	• 51803	• , • , 39K • • •	2
56	R12	• 51801	• , • , 33K • • •	1
55	R11	• 51796	• , • , 20K • • •	4
54	R10	• 51793	• , • , 15K • • •	1
53	R 9	• 51789	• , • , 10K • • •	3
52	R 8	• 51785	• , • , 6.8K • • •	2
51	R 7	AAT 51782	RES.,CARBON, 4.7KOHM 1/4W ±5%	2
ITEM NO.	SYM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY REQD

50	R 6	AAT 51772	RES.,CARBON, 2KOHM 1/4W ±5%	3
49	R 5	• 51765	• , " , 1K • • •	7
48	R 4	• 51759	• , • , 560 • • •	2
47	R 3	• 51751	• , • , 270 • • •	4
46	R 2	• 51741	• , • , 100 • • •	4
45	R 1	• 51737	RES.,CARBON, 68OHM 1/4W ±5%	15
44	C11	• 41430	CAP.,TANTALUM, SSG25-10F	6
43	C10	• 41436	• , • , SSG35-1F	14
42	C 9	• 41431	• ,TANTALUM, SSG35-OR1F	6
41	C 8	• 41672	• ,CERAMIC, SC45F-1H-1042 50V	15
40	C 7	• 41334	• ,CERAMIC, DT-205 470PF 50V	1
39	C 6	• 41244	• ,FILM , TDY-1H-104	2
38	C 5	• 41238	• , • , TDY-1H-103	3
37	C 4	• 41232	• ,FILM , TDY-1H-102	3
36	C 3	• 41040	• ,ELECTROLYTIC, 25VB-1000	1
35	C 2	• 41036	• , • , 25VB-100	4
34	C 1	AAT 41035	CAP.,ELECTROLYTIC, 25VB-47	2
33	ROM	RTO 90006	P-ROM , RTO6 (4K)	1
32	IC15	AAT 37001	CUSTOM I.C , MB14241	1
31	IC14	• 32141	TTL I.C , 76477	1
30	IC13	• 32019	• , NE555V	1
29	IC12	• 32054	• , 7414	3
28	IC11	• 32049	• , 7417	2
27	IC10	• 32039	• , 7442	1
26	IC 9	• 32033	• , 7416	1
25	IC 8	• 32029	• , 74174	3
24	IC 7	• 32023	• , 7408	1
23	IC 6	• 32021	• , 7432	1
22	IC 5	• 32018	• , 74161	2
21	IC 4	• 32017	• , 74153	4
20	IC 3	• 32011	• , 7474	1
19	IC2	• 32003	• , 7404	2
18	IC1	AAT 32001	TTL I.C , 7400	3
17			PAN HD SCREW, M3×6	1
16	OP	AAT 31042	OP AMPLIFER , MB3712	1
15	ZD	• 13028	ZENER DIODE , RD-9A	1
14	D	AAT 12025	DIODE , 1S1588	4
13			NUT , M3	1
12			PAN HD SCREW, M3×8	1
11	TR2	AAT 11030	TRANSISTER , 2SC1061	1
10	TR1	AAT 11020	TRANSISTER , 2SC372	1
9	IS	AAO 55787	I.C SOCKET , 24PIN	1
8	ANG	• 55154	ANGLE PIN HEADER, PS-50PA	2
7	DIP	• 52560	DIP SWITCH , DSS-7	1
6	S	• 17662	CONNECTOR STICKER , S	1
5	R	• 17659	• , R	1
4	G	AAO 17632	CONNECTOR STICKER , G	1
3			PAN HD SCREW , M3×6	1
2	HS	AAO 14520	HEAT SINK	1
1		RTO 70001	RT-GAME P.C BOARD	1
ITEM NO.	SYM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY REQD

PARTS LIST

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
GENERAL ±
DECIMAL ±
ANGLES ±

DRAWN 8.23.79
DESIGN Kubota
CHECK
APPROVED
APPROVED

DO NOT SCALE DRAWING

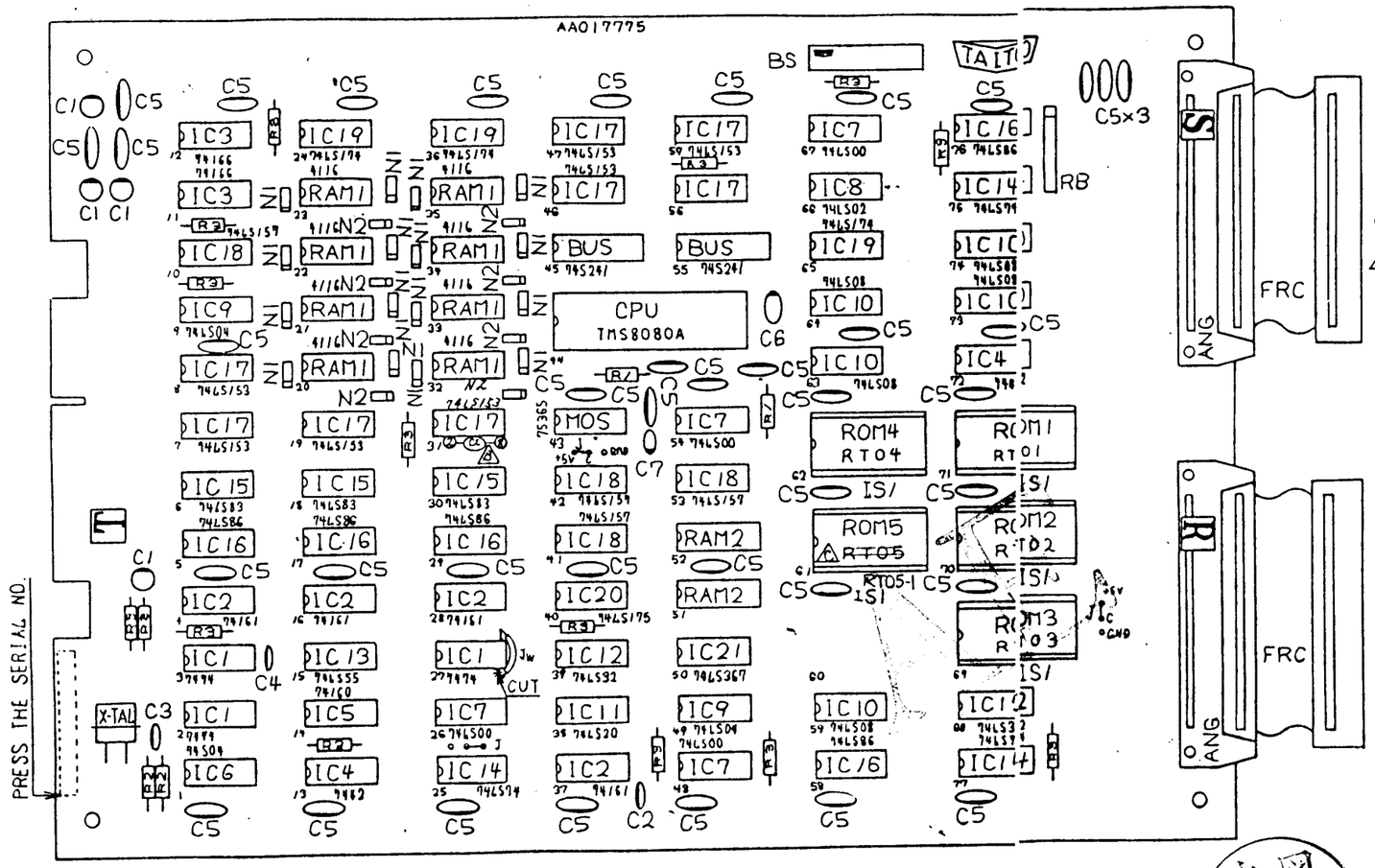
TAITO CORPORATION

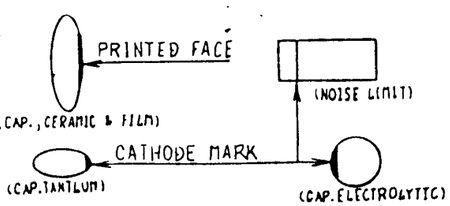
NAME T.T. SPACE CHASER
R-T-GAME P.C BOARD Assy

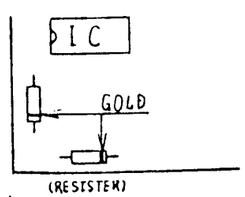
SIZE A2 | CODE IDENT NO. | DWG NO RTN 0000/

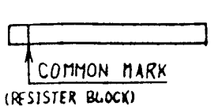
SCALE | RELEASE DATE | SHEET

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	P-11-7 · 1POINT	10.4.79	Kubota
B	P-11-10 · 2POINT	10.9.79	Kawai
C	P-11-18 · 3POINT	11.5.79	Inagaki









NOTE) THE DIRECTION OF PARTS

58	ROM5	RT0 90032	P-ROM RT0 5-1	1
57		AAT 41334	CAP., CERAMIC, 470 PF (REPAIR PARTS)	1
56				
55	Jw		JUMPER WIRE, Y 100mm	
54	J		TINNED COPPER WIRE 1φ200mm	
53	FRC	AAR 00215	F.F.C.-Harness Assy 50P	2
52	N2	AAT 61020	NOISE LIMIT, CS90E-1E-1R500-R58	8
51	N1	AAT 61019	NOISE LIMIT, CS90E-1A-3R300-R58	16
PART NO.	SYM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY REQD

50	RB	AAT 55041	RESISTER BLOCK 470ohm 8elements	1
49	R3	· 51765	RES., CARBON, 1Kohm ±5% 1/4W	15
48	R2	· 51753	· , · , 330 · · ·	2
47	R1	· 51745	RES., CARBON, 150ohm ±5% 1/4W	2
46	C7	· 41425	CAP., TANTALUM, SSG25-1F	1
45	C6	· 41424	· , TANTALUM, SSG16-22F	1
44	C5	· 41672	· , CERAMIC, SC45F1H1042 50V 0.1μF	39
43	C4	· 41334	· , · , DT-205 470PF 50V	1
42	C3	· 41324	· , · , DT-203 180PF 50V	1
41	C2	· 41318	· , CERAMIC, DT-201 100PF 50V	2
40	C1	AAT 41032	CAP., ELECTROLYTIC, 25VB-10	4
39	ROM5	RT0 90005	P-ROM, RT05, 16K	0
38	ROM4	· 90004	· , RT04 , ·	1
37	ROM3	· 90003	· , RT03 , ·	1
36	ROM2	· 90002	· , RT02 , ·	1
35	ROM1	RT0 90001	P-ROM, RT01, 16K	1
34	MOS	AAT 35002	MOS DRIVER, SN75365	1
33	BUS	· 35001	BUS DRIVER, 74S241	2
32	CPU	· 34001	C.P.U, TMS8080A	1
31	IC21	· 33203	L.S I.C, 74LS367	1
30	IC20	· 33128	· , 74LS175	1
29	IC19	· 33127	· , 74LS174	3
28	IC18	· 33112	· , 74LS157	4
27	IC17	· 33108	· , 74LS153	8
26	IC16	· 33062	· , 74LS86	5
25	IC15	· 33059	· , 74LS83	3
24	IC14	· 33051	· , 74LS74	3
23	IC13	· 33043	· , 74LS55	1
22	IC12	· 33027	· , 74LS32	2
21	IC11	· 33019	· , 74LS20	1
20	IC10	· 33009	· , 74LS08	5
19	IC9	· 33005	· , 74LS04	2
18	IC8	· 33003	· , 74LS02	1
17	IC7	· 33001	L.S I.C, 74LS00	4
16	RAM2	· 32156	STATIC RAM, 2114-4	2
15	RAM1	· 32153	DYNAMIC RAM, TMS4116-25	8
14	IC6	· 38003	TTL I.C, 74S04	1
13	IC5	· 32086	· , 74160	1
12	IC4	· 32039	· , 7442	2
11	IC3	· 32028	· , 74166	2
10	IC2	· 32018	· , 74161	4
9	IC1	AAT 32011	TTL I.C, 7474	3
8	X-TAL	AAO 69539	X-TAL, 19.968MHz	1
7	IS1	· 55787	I.C SOCKET, 24PIN	5
6	ANG	· 55154	ANGLE PIN HEADER, PS-50PA	2
5	T	· 17665	CONNECTOR STICKER, T	1
4	S	· 17662	· , S	1
3	R	AAO 17659	CONNECTOR STICKER, R	1
2	BS		P.C BOARD STICKER	1
1		AAO 17775	C.P.U P.C BOARD	1
ITEM NO.	SYM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY REQD

PARTS LIST

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
TOLERANCES
GENERAL ±
HOLE DIA + −
ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING

DRAWN 7.31.79
DESIGN Kubota
CHECK
APPROVED
APPROVED

TAITO CORPORATION

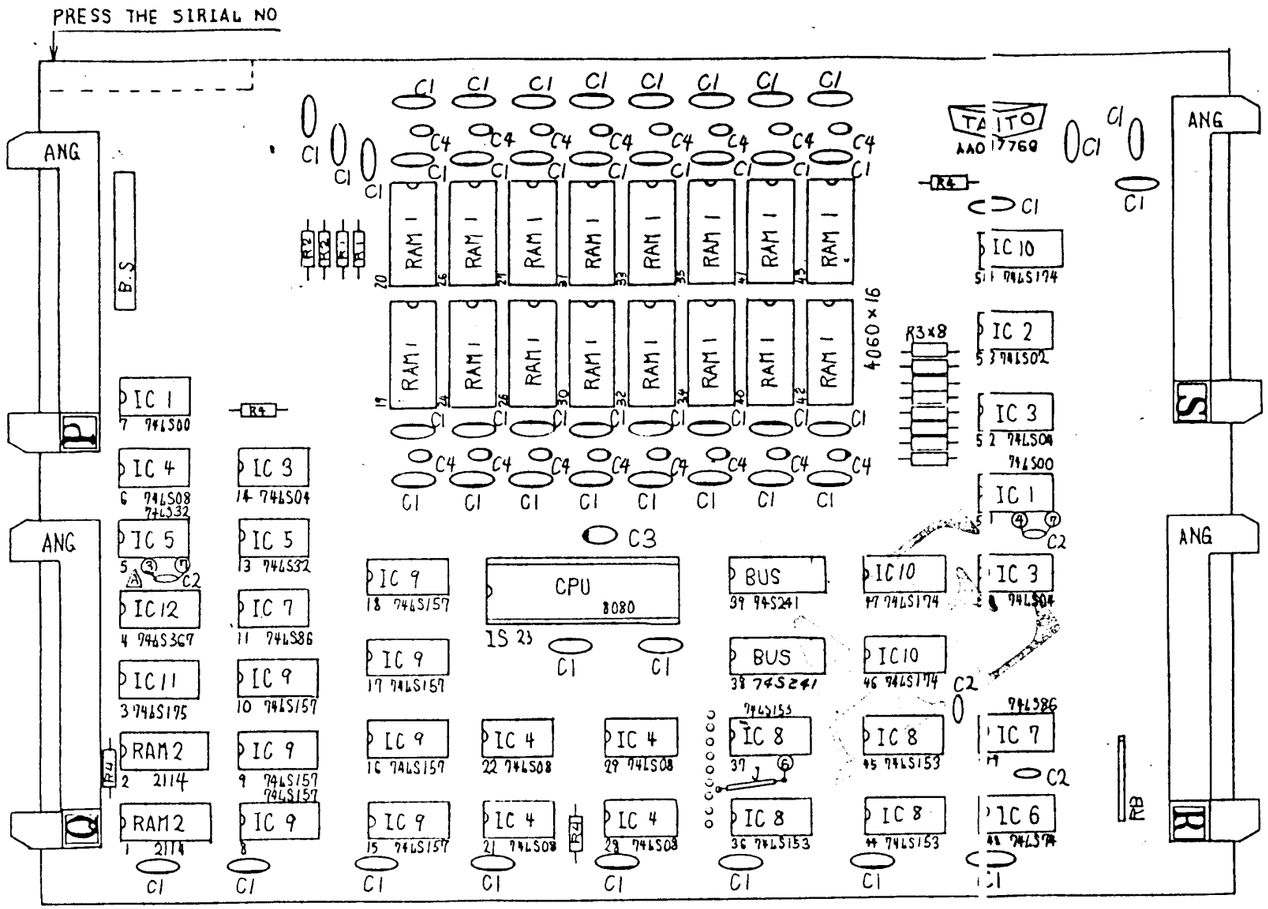
NAME T.T. SPACE CHASER R.F C.P.U. P.C BOARD Assy

DATE | CODE IDENT NO. | DWG NO. RTN00003

SCALE | RELEASE DATE | SHEET

No. 2
54.2.18
設計部

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



PRINTED FACE

(CAP., CERAMIC & TANTLUM)

COMMON MARK

NOTE-1) PRINTED FACE

NOTE-3) RESISTOR BLOCK

CATHODE MARK

(CAP. TANTLUM)

GOLD

NOTE-2) CATHODE MARK

NOTE-4) RESISTOR CARBON

ITEM NO	SYM	PART NO MANUFACTURE NO	NOMENCLATURE OR DESCRIPTION	QTY REQD
47				
46				
45				
44				
43				
42				
41				
40				
39				
38				
37				
36				
35				
34	J		JUMPER WIRE, Y 1φ 100mm	
33	RB	AAT 55041	RESISTOR BLOCK, 470 OHM 8 elements	1
32	R4	" 51765	RES., CARBON, 1K OHM 1/4W ±5%	4
31	R3	" 51753	" " " 330 OHM " "	8
30	R2	" 51745	" " " 150 OHM " "	2
29	R1	" 51729	RES. CARBON, 330 OHM 1/4W ±5%	2
28	C4	" 41425	CAP. TANTLUM, SSG25-1F	16
27	C3	" 41424	" TANTLUM, SSG16-22F	1
26	C2	" 41318	" CERAMIC, DT-201 100PF 50V	34
25	C1	" 41244	CAP. FILM, TDY-1H-104	49
24	BUS	" 35001	BUS DRIVER, 74S241	2
23	CPU	" 34001	C.P.U, TMS8080	1
22	IC12	" 33203	LS I.C, 74LS367	1
21	IC11	" 33128	" 74LS175	1
20	IC10	" 33127	" 74LS174	3
19	IC9	" 33112	" 74LS157	7
18	IC8	" 33108	" 74LS153	4
17	IC7	" 33062	" 74LS86	2
16	IC6	" 33051	" 74LS74	1
15	IC5	" 33027	" 74LS32	2
14	IC4	" 33009	" 74LS08	5
13	IC3	" 33005	" 74LS04	3
12	IC2	" 33003	" 74LS02	1
11	IC1	" 33001	LS I.C, 74LS00	2
10	RAM2	" 32156	STATIC RAM, 2114N	2
9	RAM1	AAT 32091	DYNAMIC RAM, TMS4060NL (4K)	16
8	IS	AAO 55812	I.C SOCKET, 40PIN	1
7	ANG	" 55154	ANGLE PIN HEADER, PS-50PA	4
6	S	" 17662	CONNECTOR STICKER, S	1
5	R	" 17659	" , R	1
4	Q	" 17656	" , Q	1
3	P	AAO 17653	CONNECTOR STICKER, P	1
2	BS	RTO 10020	P.C BOARD STICKER	1
1		AAO 17769	C.P.U P.C BOARD (B)	1

PARTS LIST

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES

TOLERANCES

GENERAL ±
DOLE DIA +
ANGLE ±

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN 10, 5, 79

DESIGN 10.5.79 Kubota

CHECK 10.8.79

APPROVED

APPROVED

TAITO CORPORATION

NAME T.T. SPACE CHASER
R.T C.P.U P.C BOARD (B) Ass'y

SIZE A2

CODE IDENT NO.

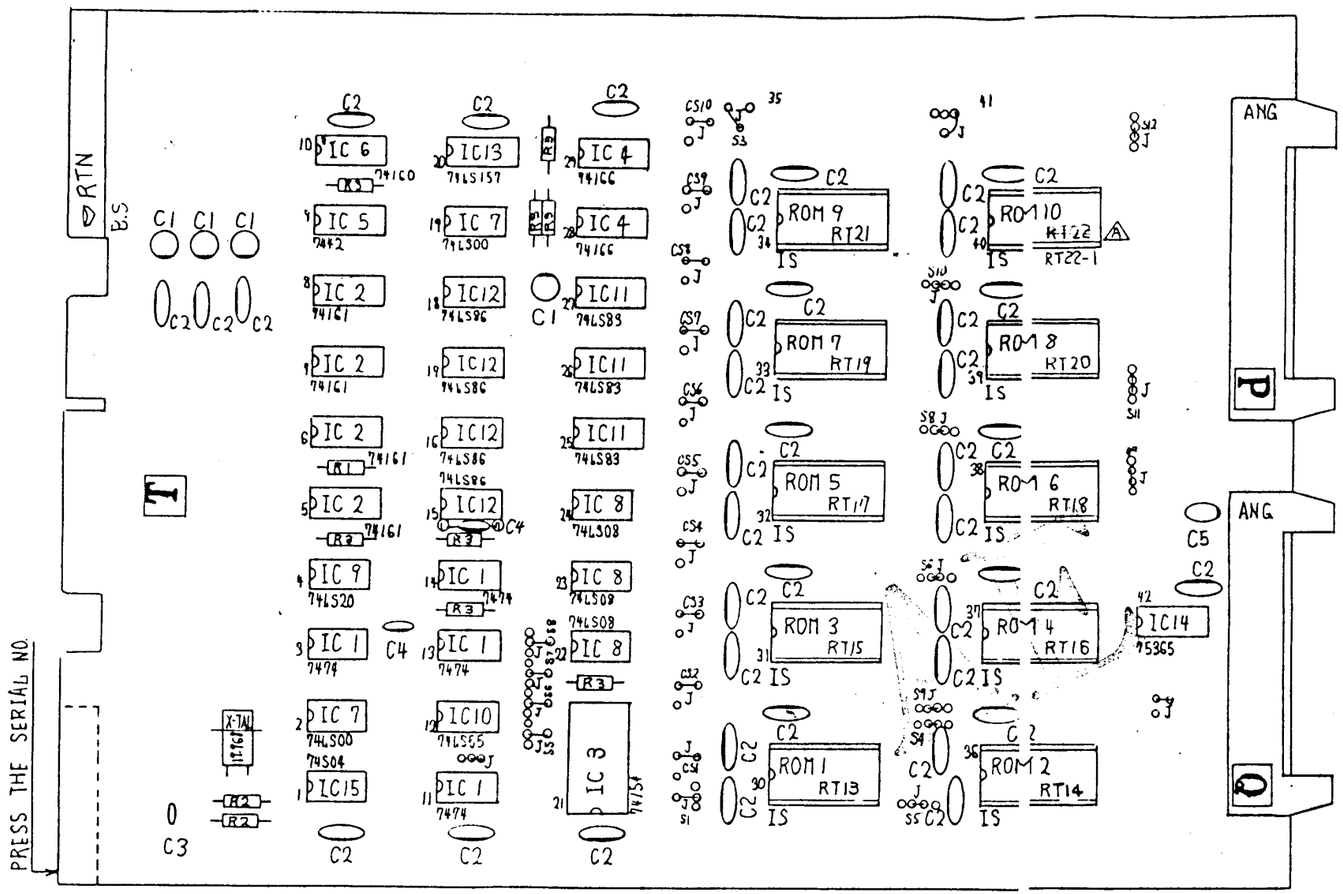
DWG. NO. RTN00005

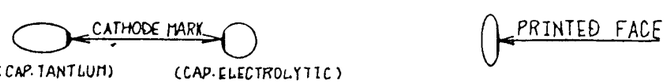
SCALE

RELEASE DATE

SHEET

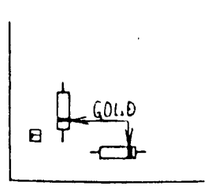
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	3POINT · P-11-13	11/5.79	





NOTE-1) CATHODE MARK

NOTE-2) CAP. CERAMIC & FILM



NOTE-3) RESISTER

ITEM NO.	SYM	PART NO. IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY REQD
47				
46				
45				
44				
43	ROM10	RTO 90031	P-ROM , RT22-1 (2708)	1
42	J		TINNED COPPER WIRE	200mm
41	R3	AAT 51765	RES. CARBON, 1KOHM 1/4W ±5%	8
40	R2	" 51753	" " 330 " "	2
39	R1	" 51733	RES. CARBON 47OHM 1/4W ±5%	1
38	C5	" 41436	CAP. TANTLUM SSG35-1F	1
37	C4	" 41334	" CERAMIC DT205 470PF 50V	2
36	C3	" 41324	" CERAMIC DT203 180PF 50V	1
35	C2	" 41244	" FILM TDY-1H-104	40
34	C1	AAT 41032	CAP. ELECTROLYTIC 25VB-10	4
33	ROM10	RTO 90029	P-ROM RT22 (2708)	10
32	ROM9	" 90028	" RT21 (")	1
31	ROM8	" 90027	" RT20 (")	1
30	ROM7	" 90026	" RT19 (")	1
29	ROM6	" 90025	" RT18 (")	1
28	ROM5	" 90024	" RT17 (")	1
27	ROM4	" 90023	" RT16 (")	1
26	ROM3	" 90022	" RT15 (")	1
25	ROM2	" 90021	" RT14 (")	1
24	ROM1	RTO 90020	P-ROM RT13 (2708)	1
23	IC15	AAT 38003	S I.C 74S04	1
22	IC14	" 35002	MOS DRIVER 75365	1
21	IC13	" 33112	LS I.C 74LS157	1
20	IC12	" 33062	" 74LS86	4
19	IC11	" 33059	" 74LS83	3
18	IC10	" 33043	" 74LS55	1
17	IC9	" 33019	" 74LS20	1
16	IC8	" 33009	" 74LS08	3
15	IC7	" 33001	LS I.C 74LS00	2
14	IC6	" 32086	TTL I.C 74160	1
13	IC5	" 32039	" 7442	1
12	IC4	" 32028	" 74166	2
11	IC3	" 32027	" 74154	1
10	IC2	" 32018	" 74161	4
9	IC1	AAT 32011	TTL I.C 7474	4
8	X-TAL	AAO 69539	X-TAL 19.968 MHz	1
7	IS	" 55787	I.C SOCKET 24P	10
6	ANG	" 55154	ANGLE PIN HEADER, PS-50PA	2
5	T	" 17665	CONNECTOR STICKER T	1
4	Q	" 17656	" Q	1
3	P	AAO 17653	CONNECTOR STICKER P	1
2	B.S	RTO 70019	P.C BOARD STICKER	1
1		AAO 17768	C.P.U P.C BOARD A	1

PARTS LIST

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
TOLERANCES
GENERAL ±
HOLE DIA ± —
ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING

DRAWN 10.5.79
DESIGN Kubota
CHECK 10.8.79
APPROVED
APPROVED

TAITO CORPORATION

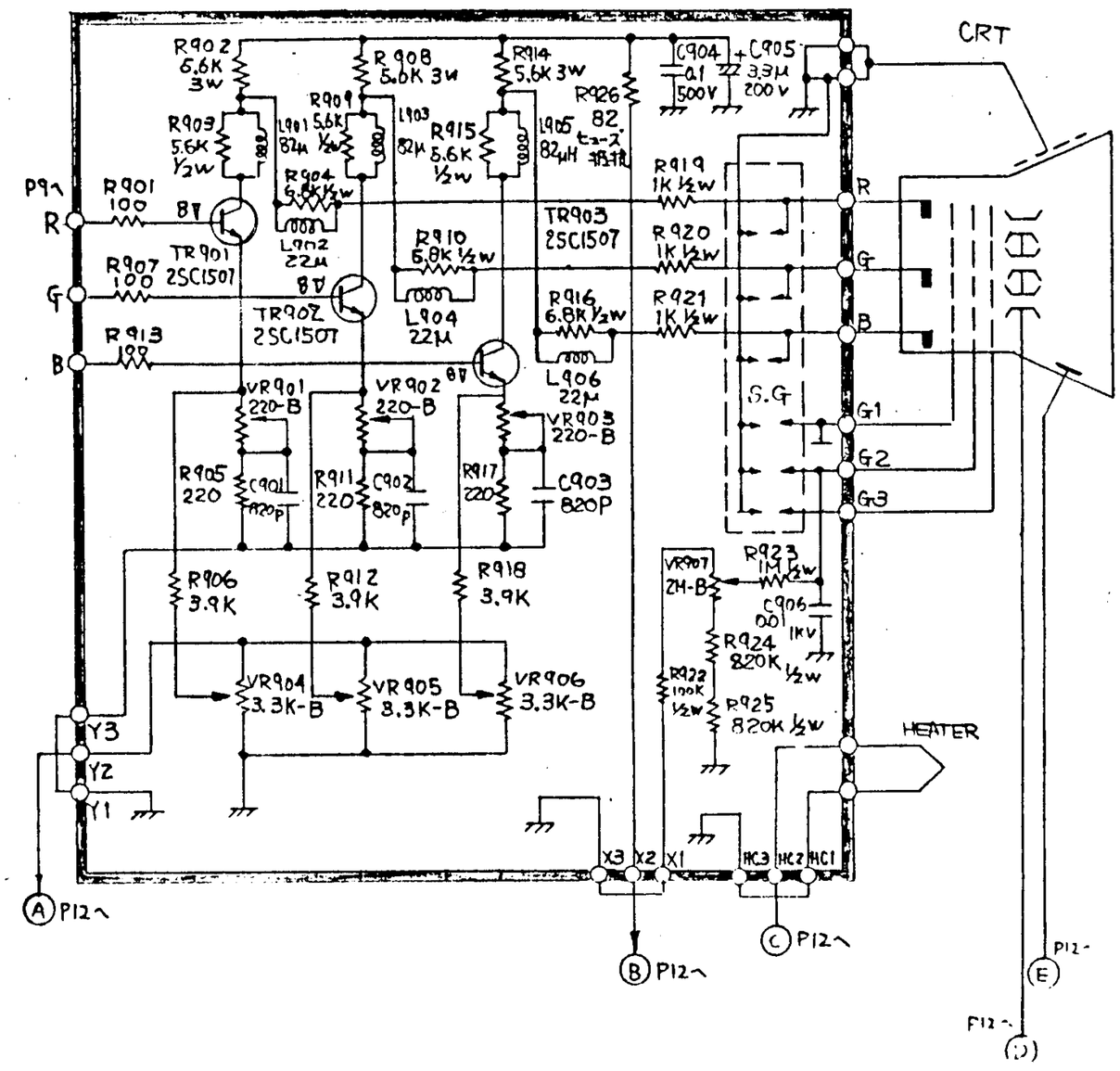
NAME T.T. SPACE CHASER
R.T CPU P.C BOARD (A) Assy

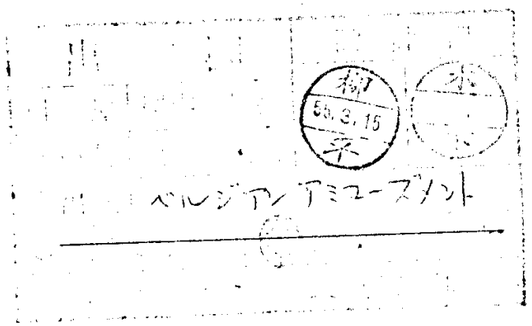
SIZE A2 | CODE IDENT NO. | DWG. NO. RTN00004
SCALE | RELEASE DATE | SHEET

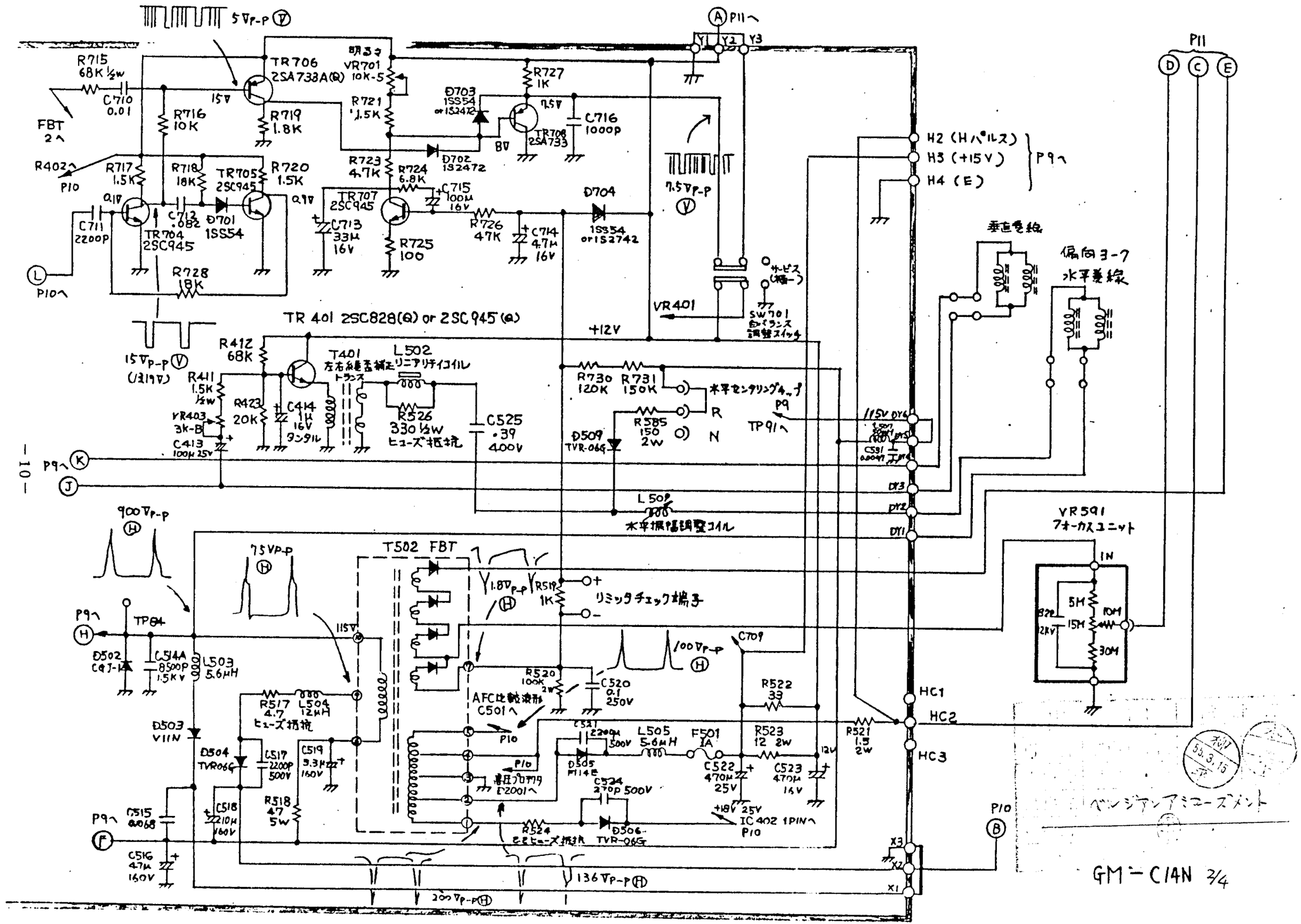
TR902, TR903, TR901 <コレクタ->

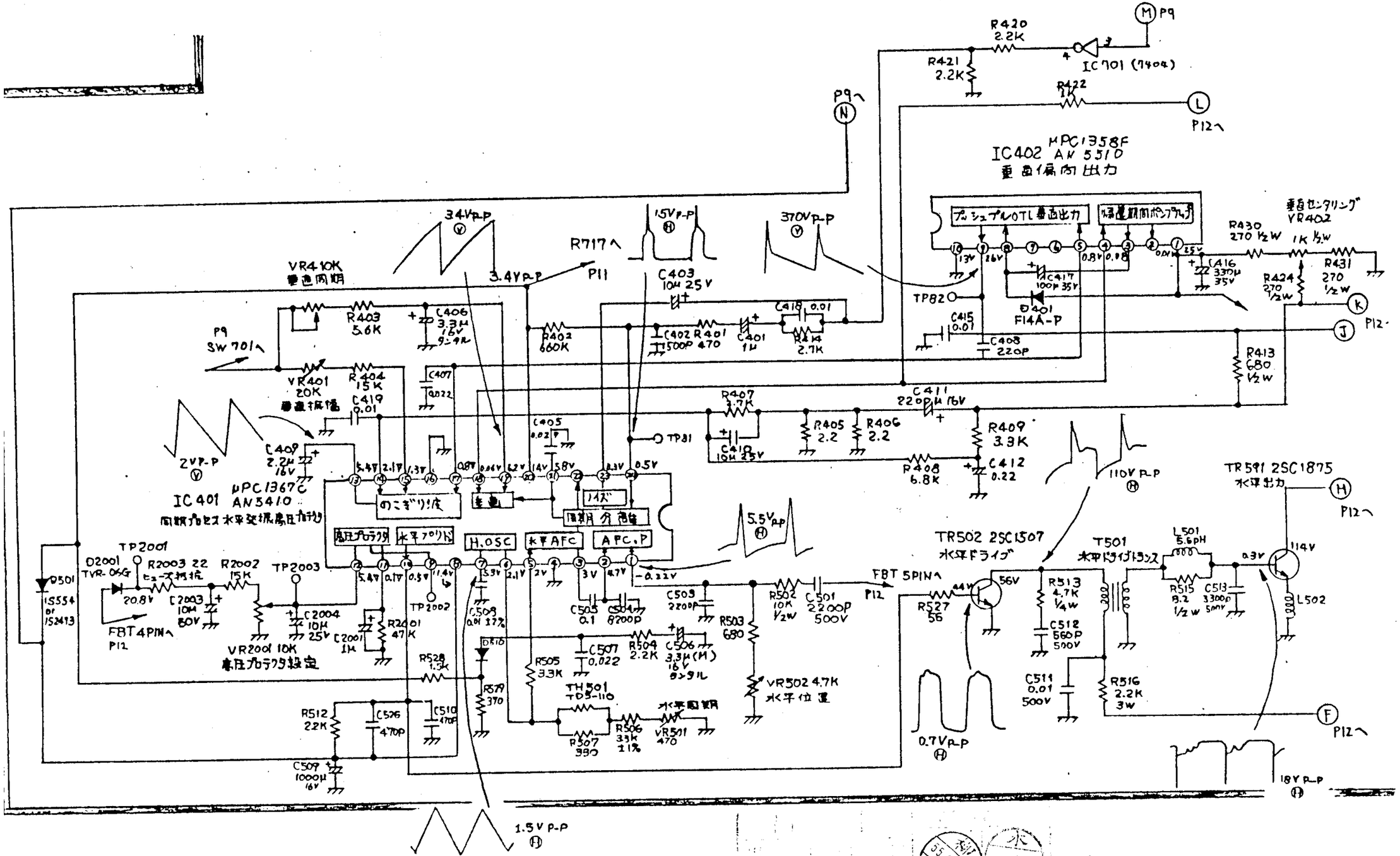
(140V)

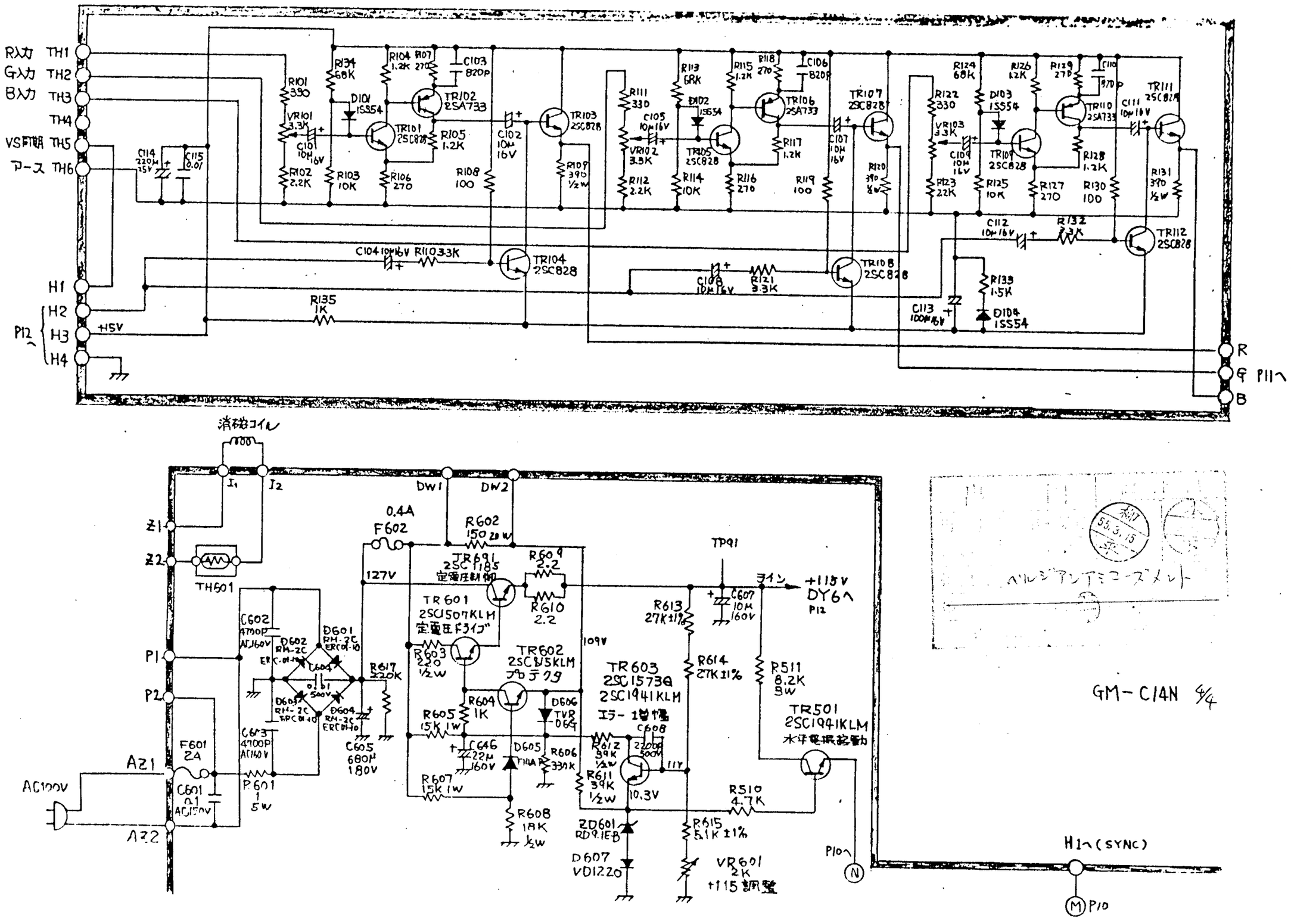
100Vp-p






5Vp-p
TR706 2SA738A(Q)
明るさ VR701 10K-5
R715 68K 1/2W
C710 0.01
FBT 2へ
R716 10K
R719 1.8K
R721 1.5K
R727 1K
D703 1SS54 or 1S2472
TR708 2SA733
C716 1000P
D702 1S2472
R402へ
P10
R717 1.5K
R718 18K
TR705 2SC945
R720 1.5K
R723 4.7K
R724 6.8K
C715 100μ 16V
TR707 2SC945
D704
7.5Vp-p
C711 2200P
TR704 2SC945
C712 .082
D701 1SS54
C713 33μ 16V
R725 100
R726 47K
C714 4.7μ 16V
1SS54 or 1S2742
P10へ
R728 18K
TR 401 2SC828(Q) or 2SC945(Q)
VR401
サービス(1極一)
SW701 白バランス調整スイッチ
+12V
15Vp-p (/319V)
R412 68K
T401 左右線歪補正トランス
L502 リニアリティコイル
R411 1.5K 1/2W
R423 20K
C414 1μ 16V タンタル
VR403 3K-B
C413 100μ 25V
R526 330 1/2W ヒューズ抵抗
C525 .39 400V
R730 120K
R731 150K
水平センタリング
R585 150 2W
D509 TVR-06G
TP91へ
P9へ
L509 水平振幅調整コイル
900Vp-p
75Vp-p
T502 FBT
1.8Vp-p
R519 1K
リミッタチェック端子
TP94
D502 CQ7-1
C514A 8500P 1.5KV
L503 5.6μH
115V
100Vp-p
C709
R520 100K 2W
C520 0.1 250V
R517 4.7 ヒューズ抵抗
L504 12μH
AFC比較波形 C501へ
R522 33
D503 V11N
D504 TVR06G
C517 2200P 500V
C519 3.3μ 160V
C521 220μ 500V
L505 5.6μH
F501 1A
R523 12 2W
D505 FT14E
C522 470μ 25V
C523 470μ 16V
R518 4.7 5W
C518 10μ 160V
C524 270P 500V
+18V 25V
IC402 1PINへ
C515 0.068
R524 ヒューズ抵抗
D506 TVR-06G
C516 4.7μ 160V
136Vp-p
200Vp-p
H2 (Hパルス)
H3 (+15V)
H4 (E)
P9へ
垂直偏線
偏向ヨーク
水平偏線
VR591 スピーカスユニット
HC1
HC2
HC3
R521 1.5 2W
P11
P10
ベンジアンアミューズメント
GM-C14N 3/4


IC401 μPC1367C AN5410
IC402 μPC1358F AN5510
重直偏向出力
TR501 2SC1875
水平出力
TR502 2SC1507
水平ドライブ
IC701 (7404)
VR410K 垂直同期
VR401 20K 垂直振幅
VR2001 10K 高圧プロテクタ設定
VR502 4.7K 水平位置
VR501 470
VR402 垂直センタリング
TH501 TD5-110
T501 水平ドライブトランス
FBT 4PIN
FBT 5PIN
P9 SW701
R717
P11
P12
P9
TP82
TP81
TP2001
TP2003
TP2002
のこぎり波
整直
リミッタ
同期分離
高圧プロテクタ
水平ロック
H.OSC
水平AFC
APC.P
水平振幅
水平位置
GM-C14N 3/4



55.3.15
ベルジアンアミューズメント