

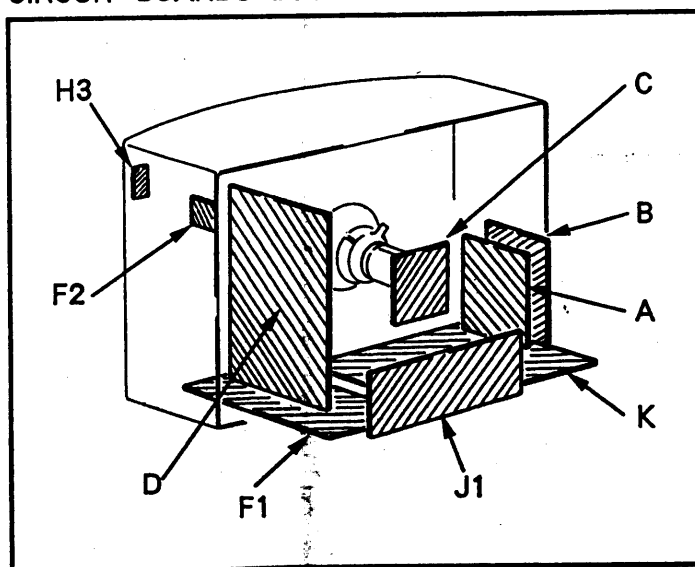
SONY.**TRINITRON® COLOR TV BASIC SCHEMATIC DIAGRAM****KV-2900/RM-679MT***Chassis No. SCC-C29A***NOTE**

THIS SCHEMATIC DIAGRAM IS FOR USE BY YOUR SERVICE TECHNICIAN.

KEEP THIS DIAGRAM HANDY FOR FUTURE REFERENCE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND Δ MARK ON THE SCHEMATIC DIAGRAMS ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THE SERVICE MANUAL.

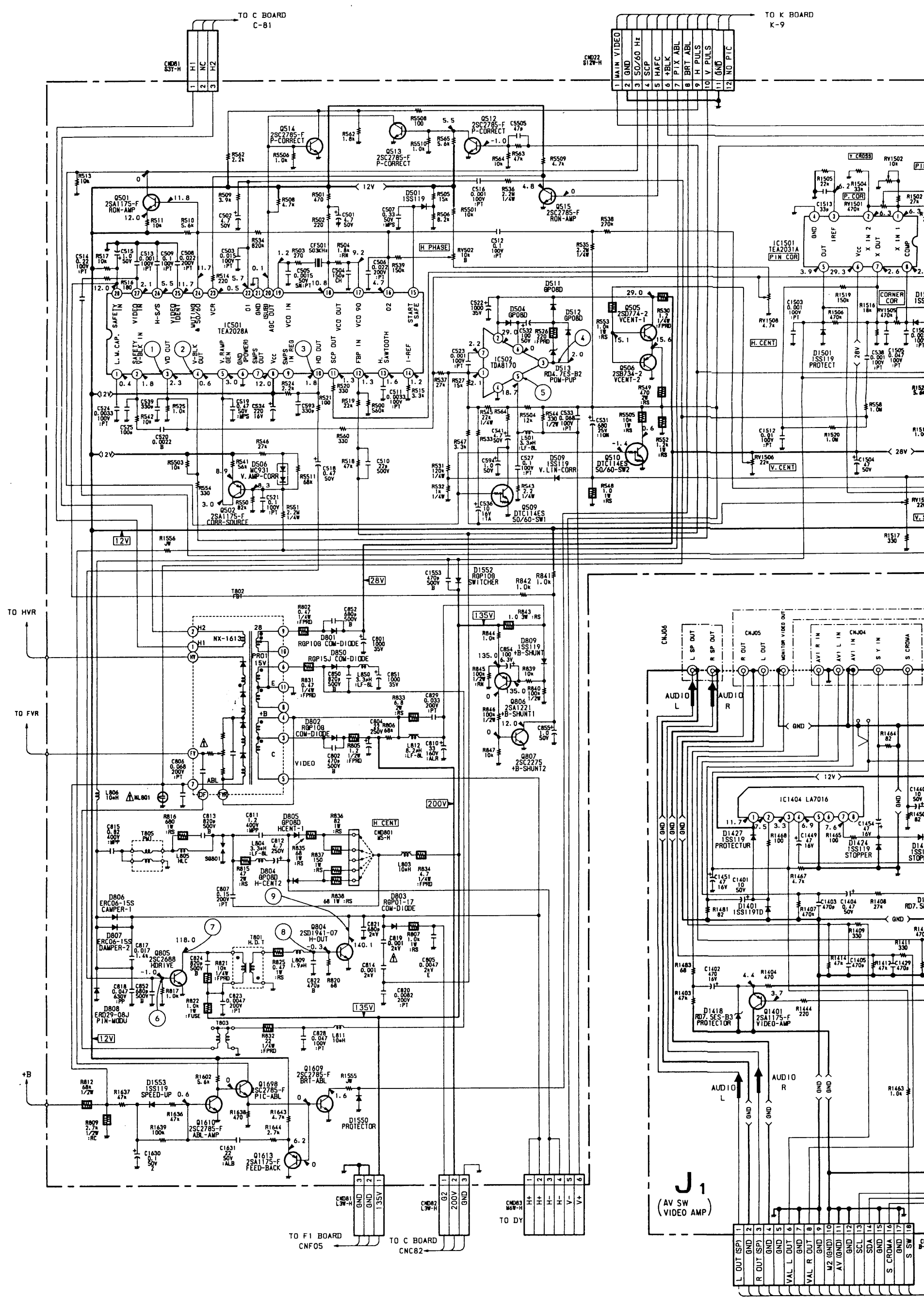
CIRCUIT BOARDS LOCATION**Sony Corporation**

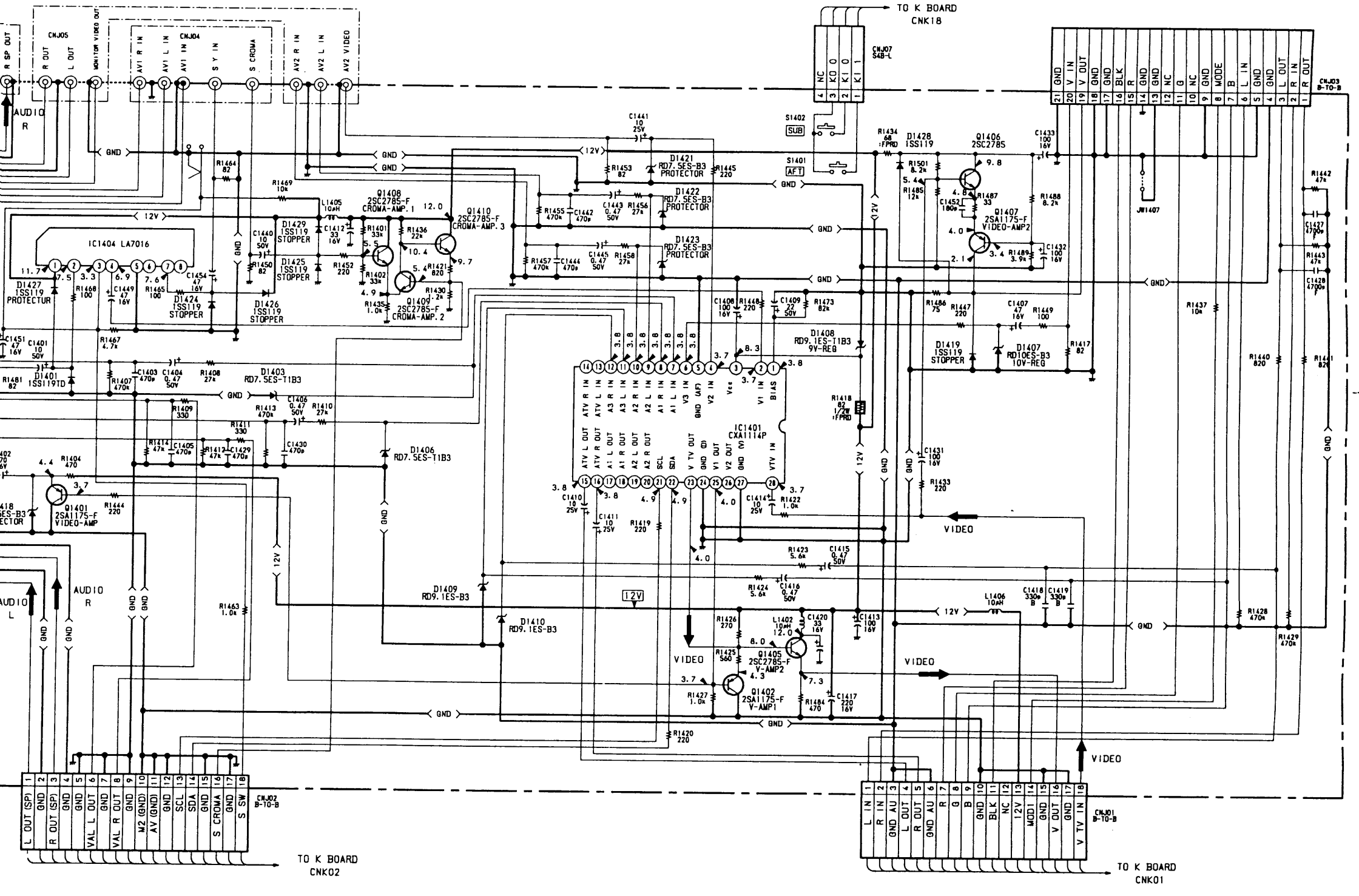
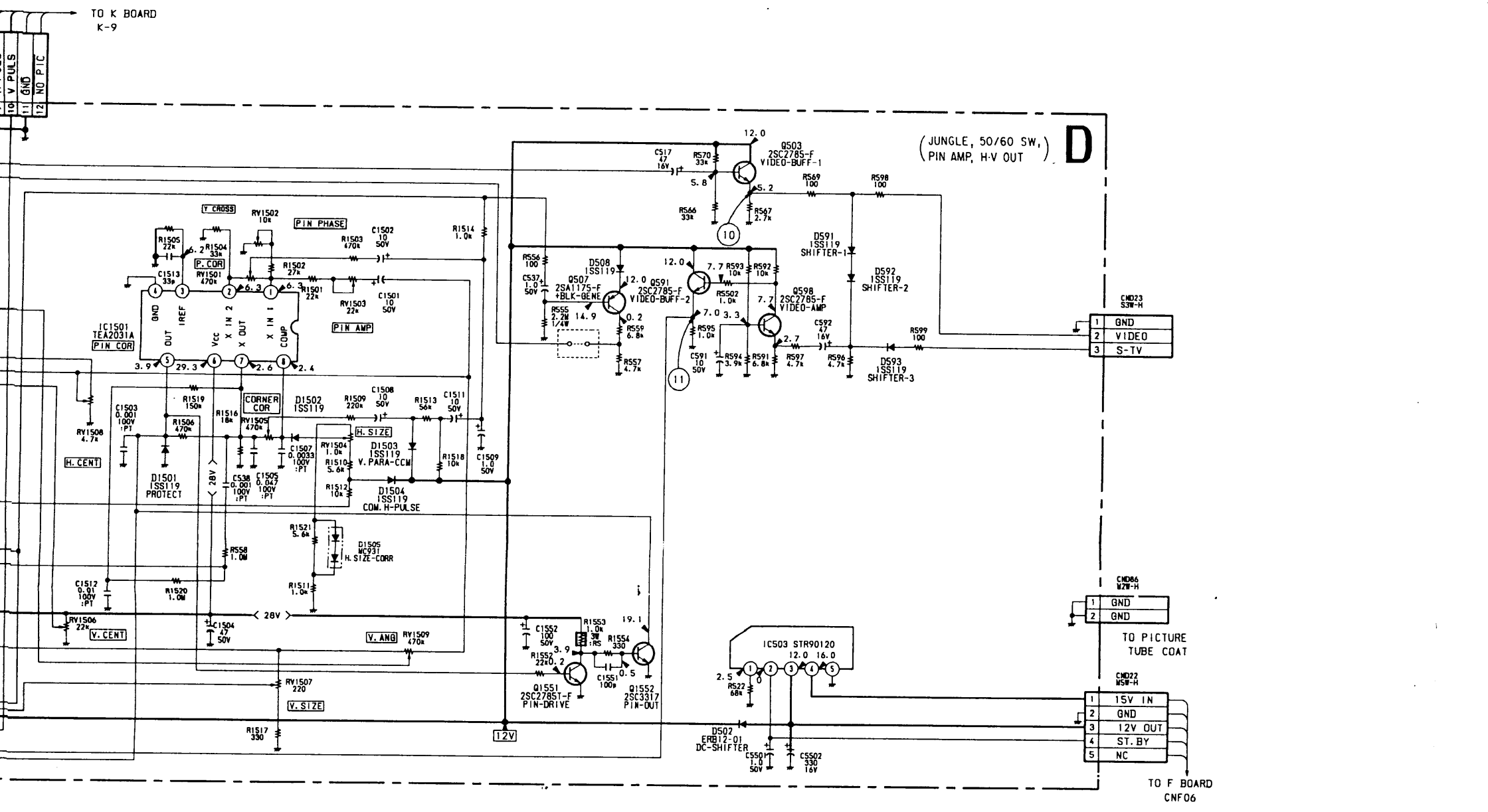
3-786-752-01

©1988

Printed in Japan

A
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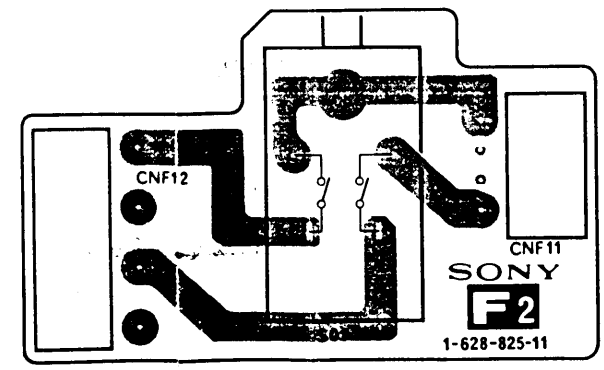
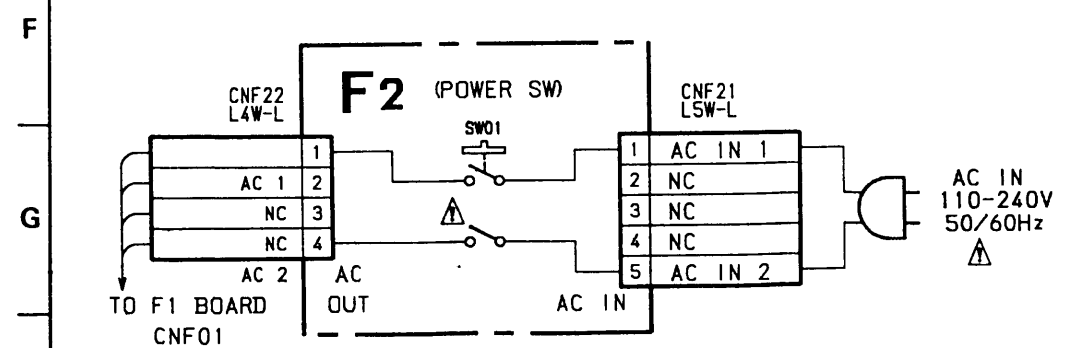
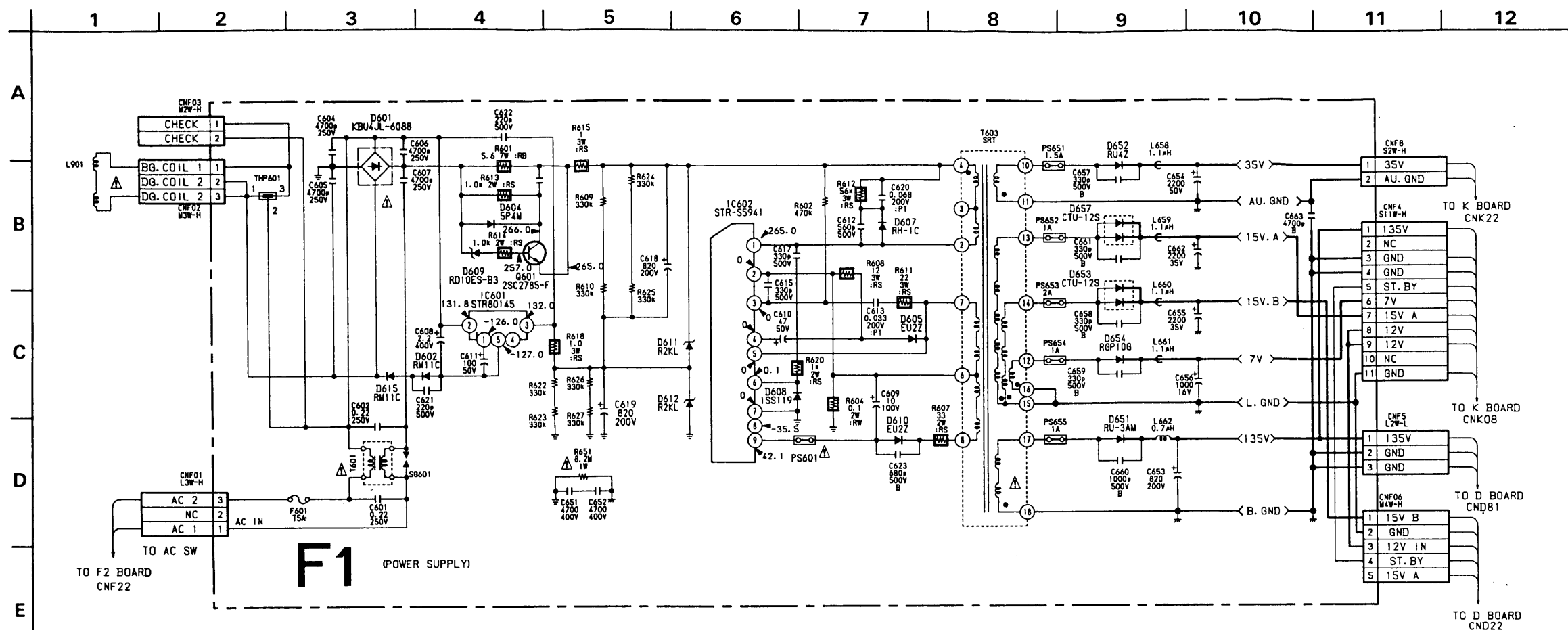
F2

[POWER SW]

F1

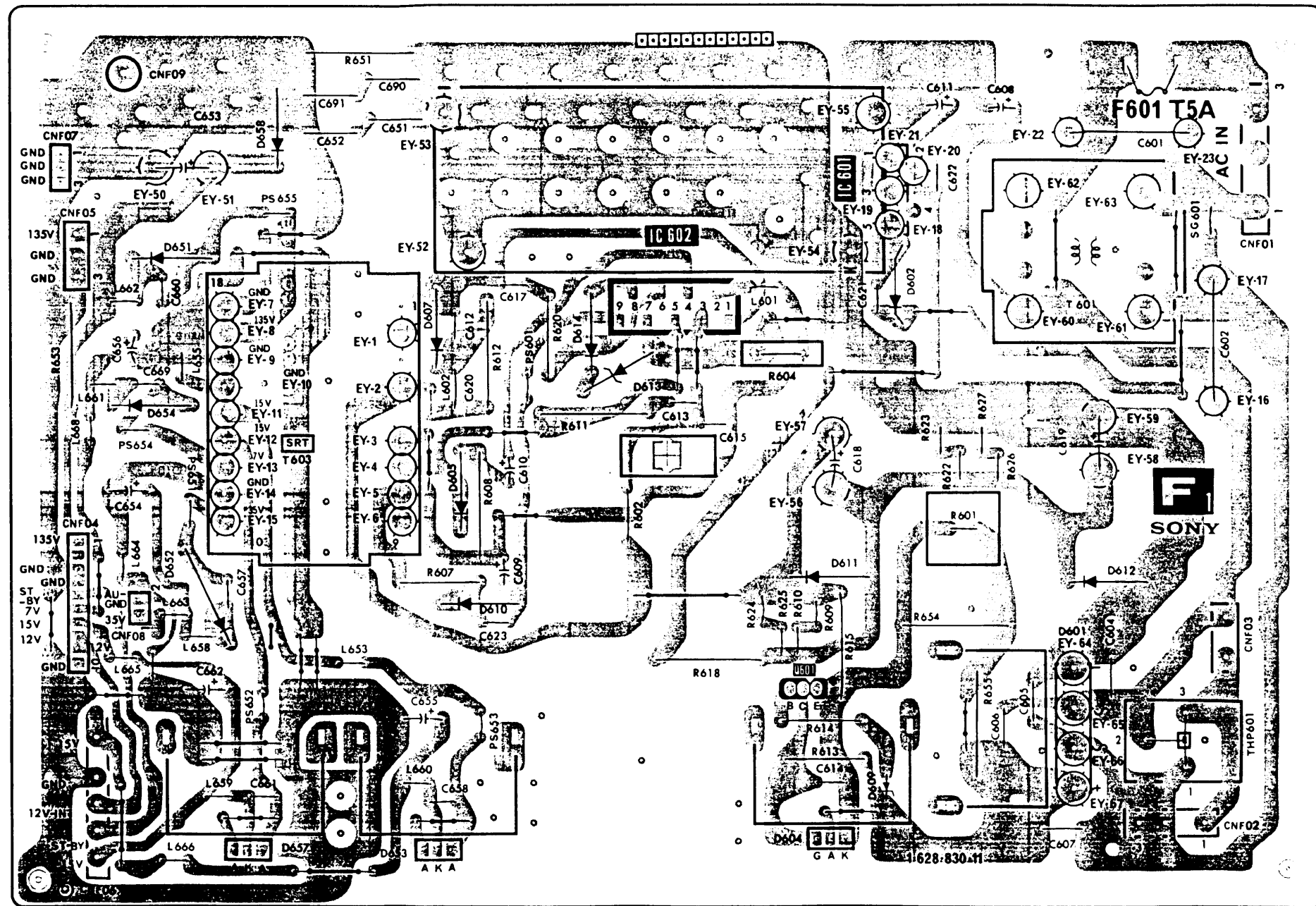
[POWER SUPPLY]

SCHEMATIC DIAGRAM (1)

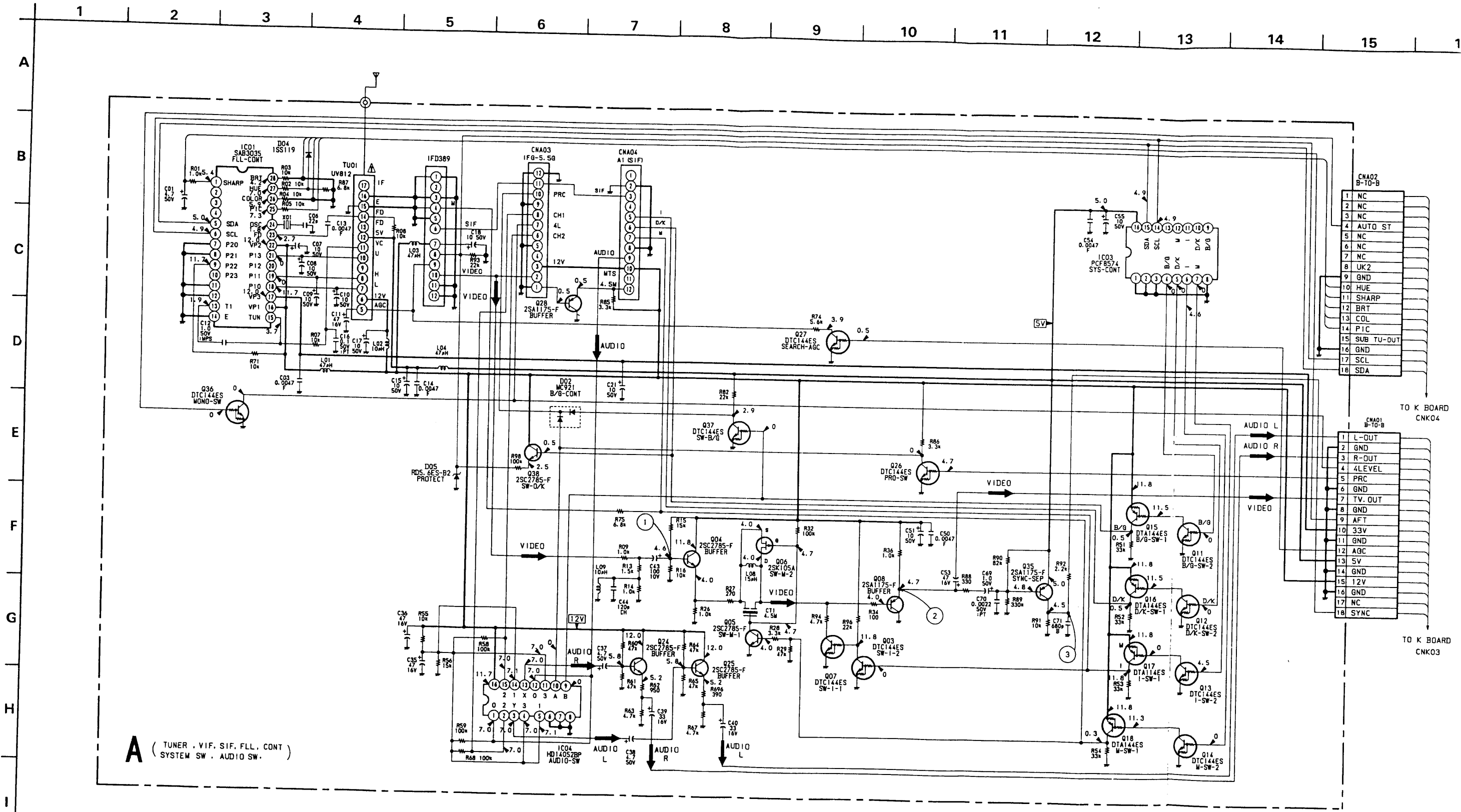


PRINTED WIRING BOARDS (1)

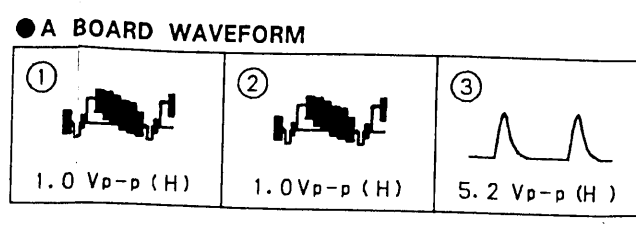
-F1 Board-



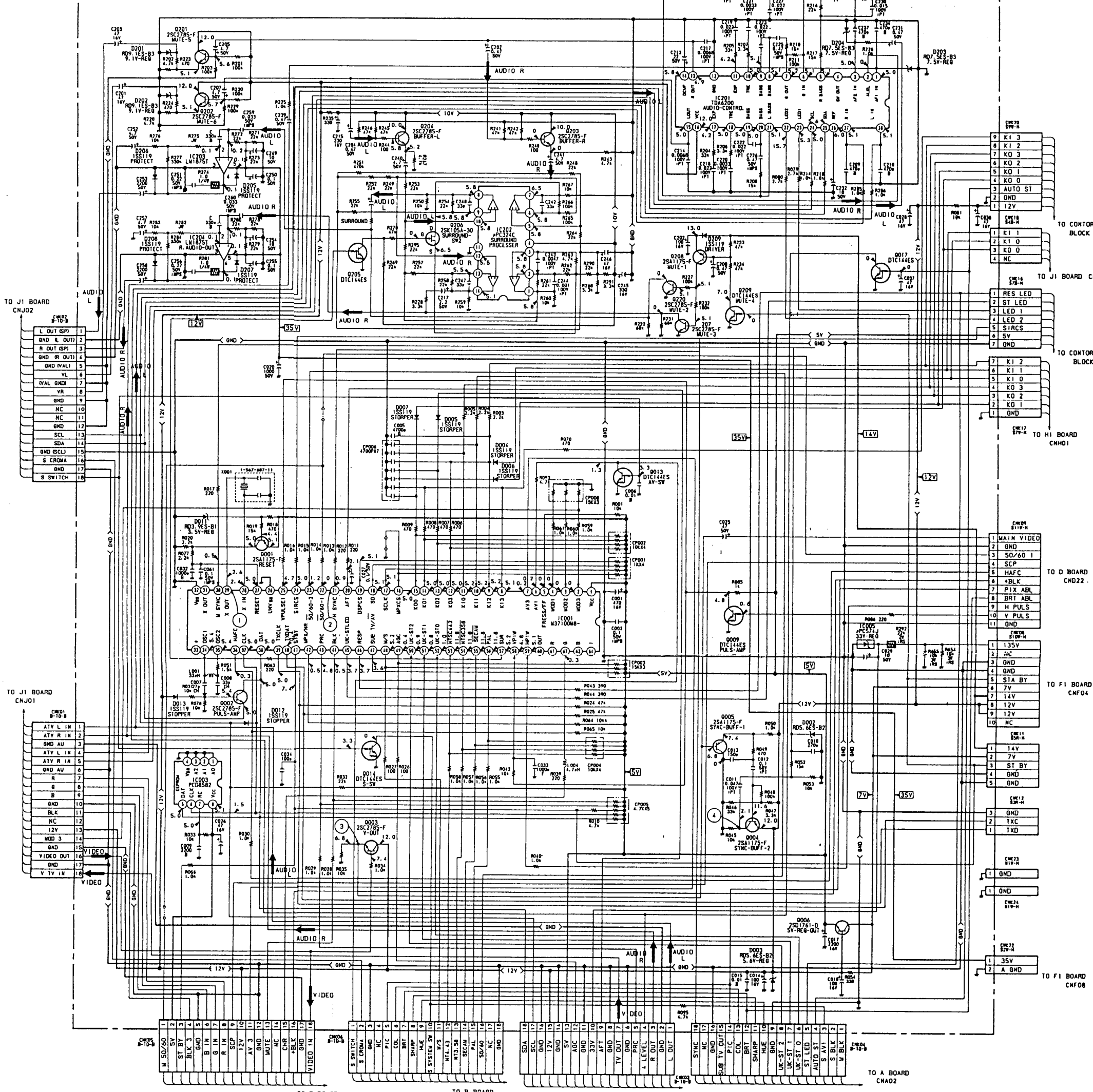
SCHEMATIC DIAGRAM (2)



A (TUNER . VIF. SIF. FLL. CONT)
SYSTEM SW . AUDIO SW .



K (SYSTEM CONTROL, MEMORY, AUDIO CONTROL, SURROUND PROCESSOR.)



A
B
C
D
E
F
G
H
I
J
K
L
M
N
O

TO CONTROL BLOCK

TO J1 BOARD CNJ07

TO CONTROL BLOCK

TO H1 BOARD CHH01

TO D BOARD CND22

TO F1 BOARD CNF04

TO F1 BOARD CNF08

TO A BOARD CNA01

TO A BOARD CHA02

TO J1 BOARD CNJ02

TO J1 BOARD CNJ01

TO B BOARD CNB05

TO B BOARD CNB06

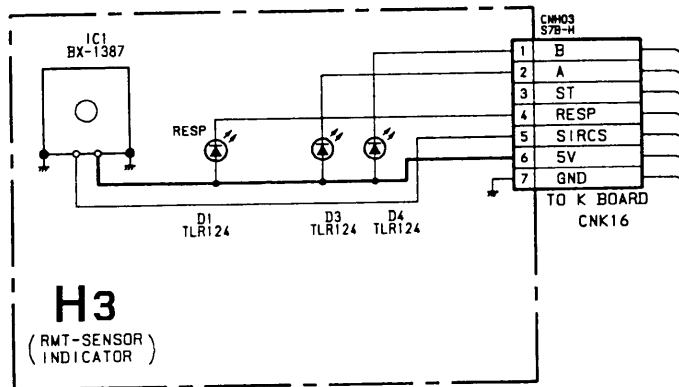
TO A BOARD CNA01

17

18

19

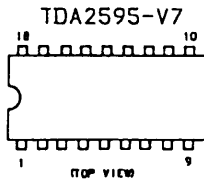
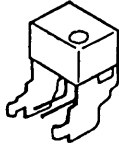
20



128

SEMICONDUCTORS

BX1387



2SA1175
2SC2785



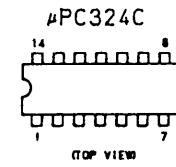
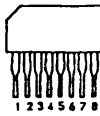
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MC921



CX20125
LA7016

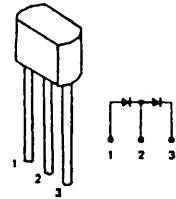


2SA1221
2SB734
2SD773
2SD774

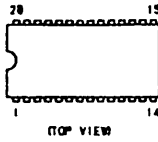


1SS119
RD3. 9ES-B1
RD4. 7ES-B2
RD5. 6ES-B2
RD6. 2ES-B2
RD7. 5ES-B3
RD9. 1ES-B3
RD10ES-B3
RD11ES-B3

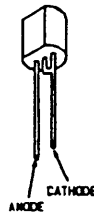
MC931



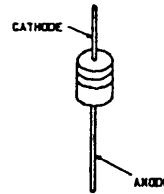
CXA1114P
SAB3035
TDA4555-V8
TDA4580
TDA6200
TDA6600
TEA2028A



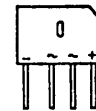
μPC574J



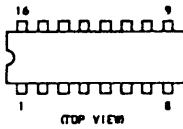
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2SC3317



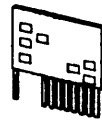
KBU4JL-6088



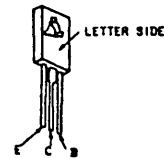
HD14052
PCF8574



TDA8170



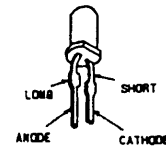
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2SC2688



TCU-125



TLR124



LM1875T
STR90120



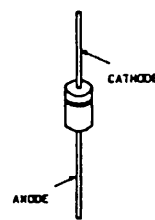
DTA114ES
DTA144ES
DTC114ES
DTC124ES
DTC144ES



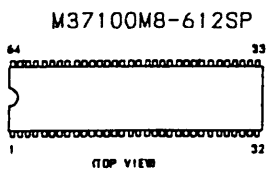
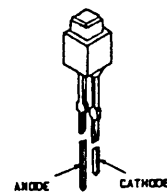
2SD1761



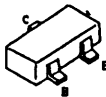
ERC06-15S
ERD29-08J
R2M
RH-1
R2KL
RU-3AM
RU-4Z-K2



5P4M



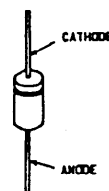
DTC124EK
2SA812



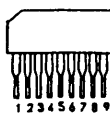
2SD1941



EU2Z-V1
GP08DPKG23
RGP10GPKG23
RGP15JPKG23



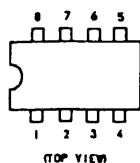
STR-S5941



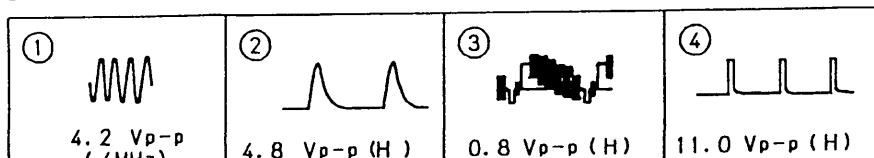
2SA1091



PCD8582
TBA129
TEA2031A



● K BOARD WAVEFORM



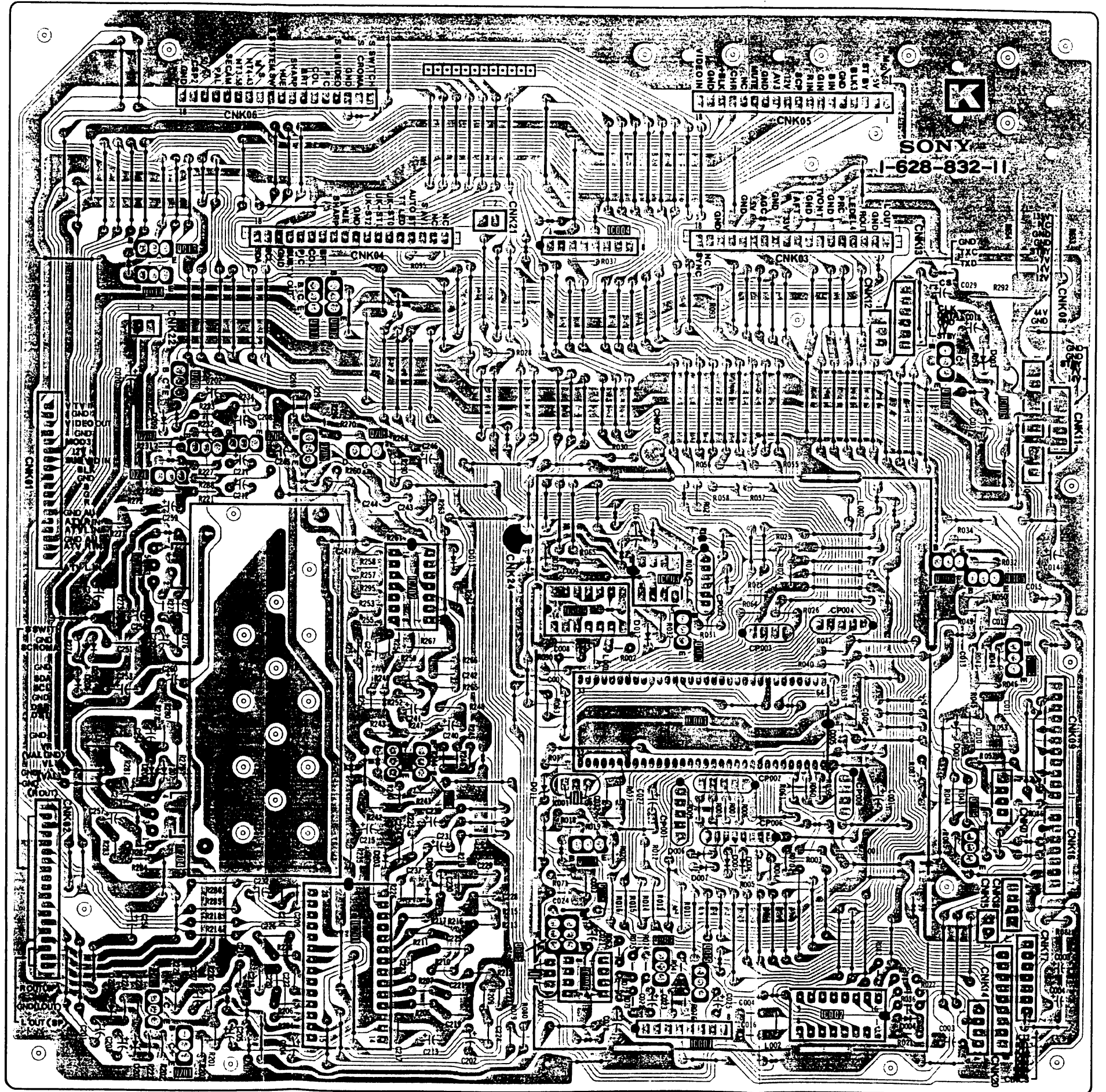
SYSTEM CONTROL, MEMORY, AUDIO CONTROL,
SURROUND PROCESSOR

K

K

PRINTED WIRING BOARDS (3)

-K Board-



[RMT-SENSOR INDICATOR]

H3

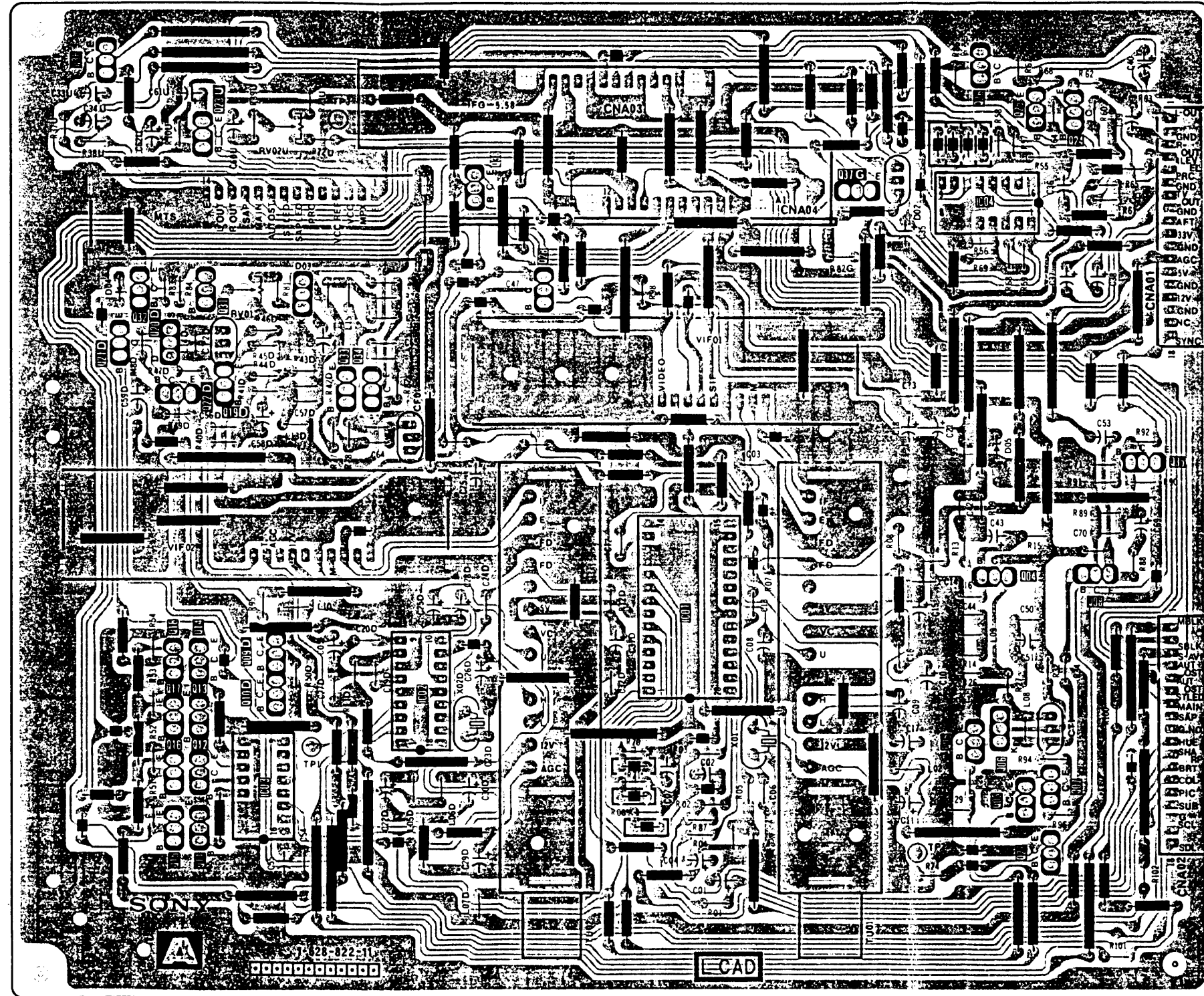
TUNER,VIF,SIF,FLL,CONT SYSTEM SW,
AUDIO SW

A

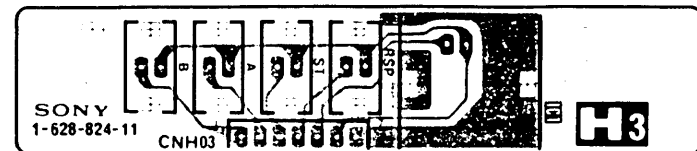
A

PRINTED WIRING BOARDS (2)

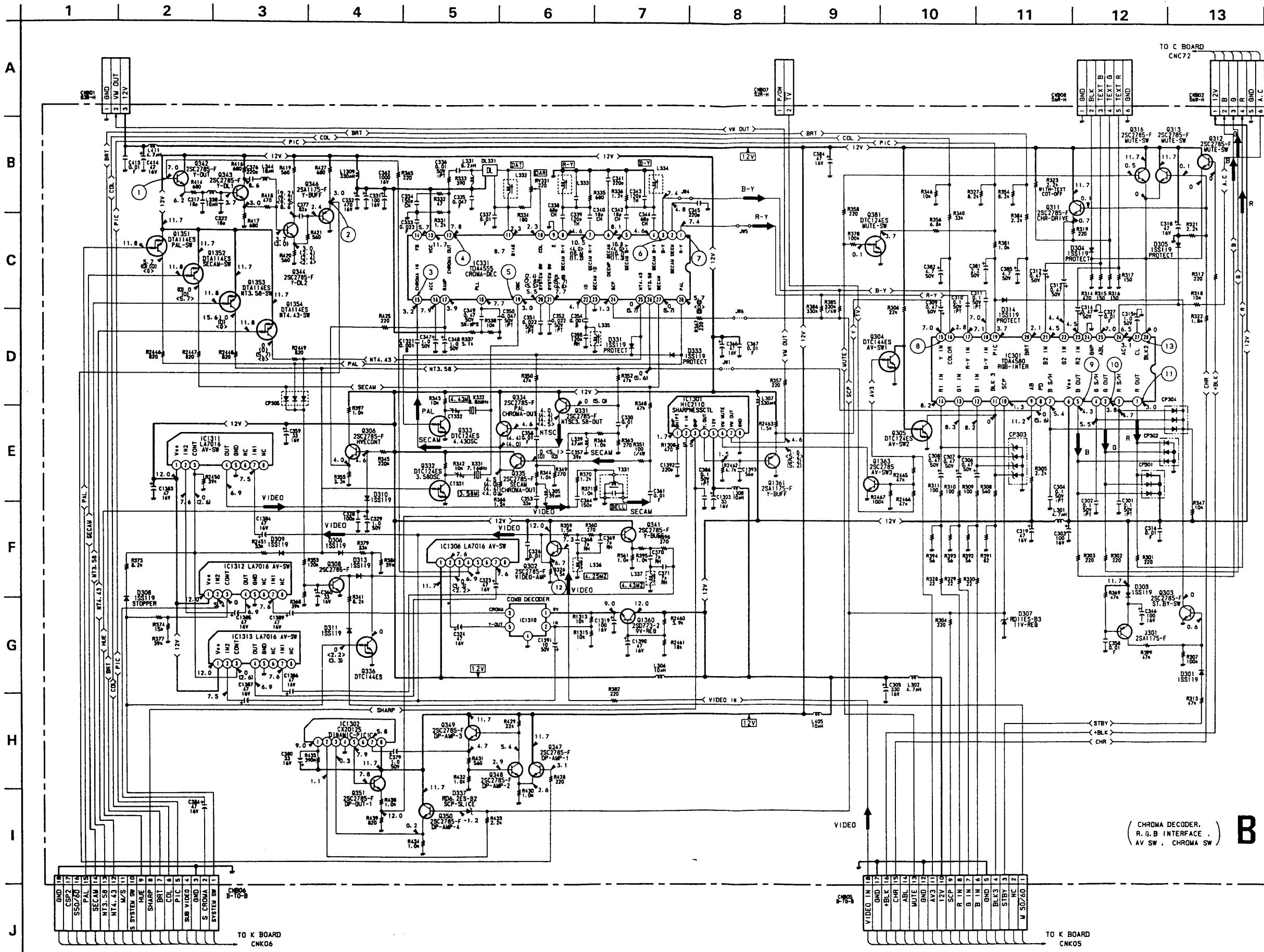
-A Board-



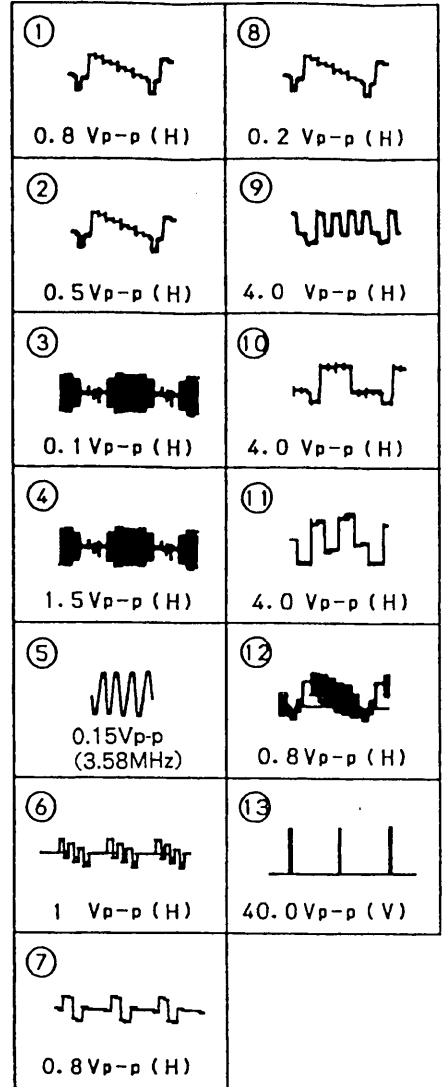
-H3 Board-



SCHEMATIC DIAGRAM (5)



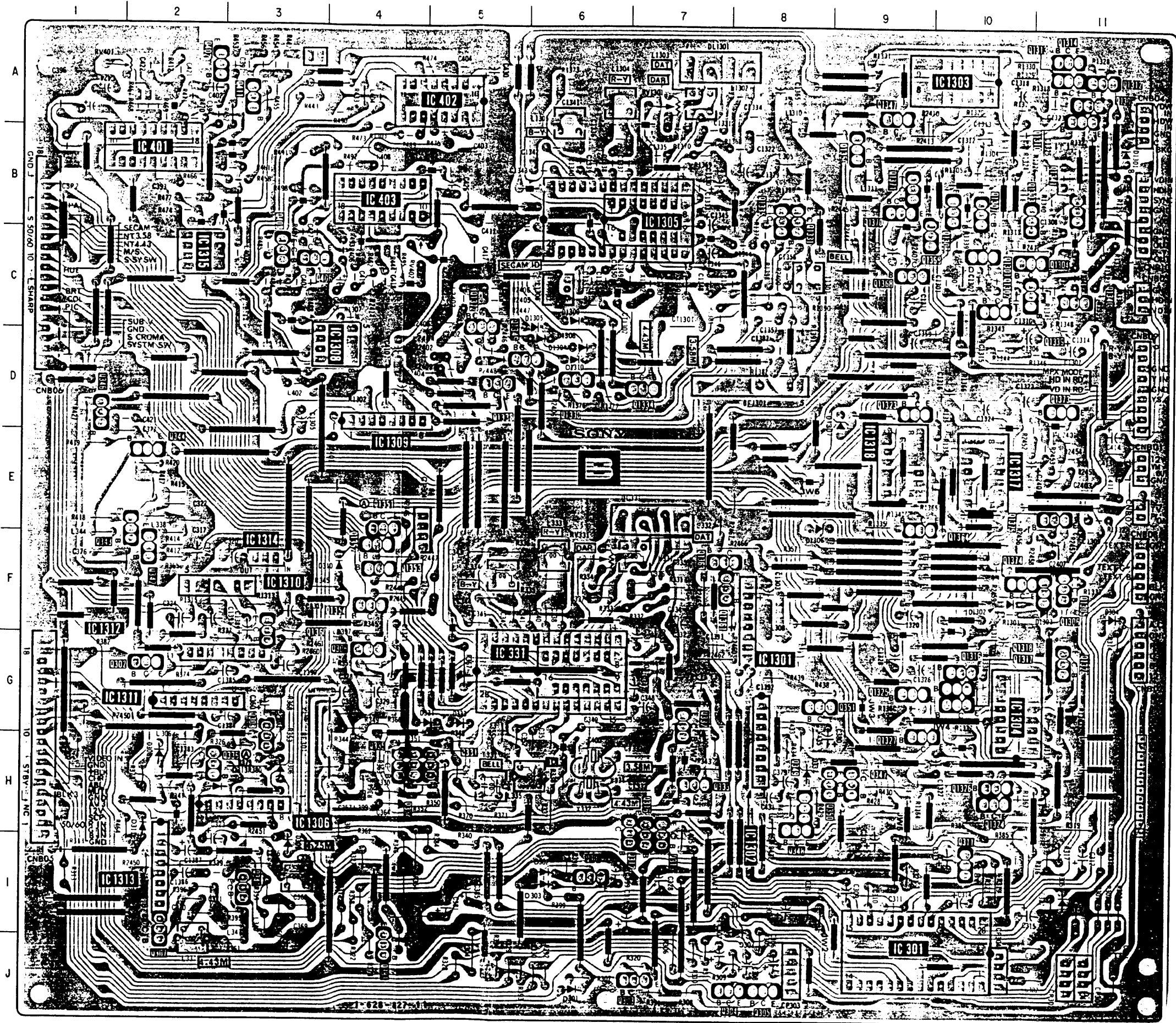
● B BOARD WAVEFORM



PRINTED WIRING BOARDS (5)

-B Board-

IC		Q350	H-8
IC301	J-9	Q351	G-8
IC331	G-5	Q381	J-4
IC1301	G-8	Q1351	F-4
IC1302	H-8	Q1352	F-4
IC1306	H-3		
		Q1353	F-4
IC1310	F-3	Q1354	F-4
IC1311	G-2	Q1360	G-4
IC1312	F-1	Q1361	F-8
IC1313	I-2	Q1363	F-7
		DIODE	
TRANSISTOR		D302	I-6
Q301	I-6	D303	I-6
Q302	G-2	D304	F-11
Q303	J-6	D305	I-11
Q304	J-7	D306	H-3
Q305	J-8		
		D307	I-8
Q306	G-4	D308	H-2
Q308	G-3	D309	I-3
Q311	I-10	D310	F-4
Q312	I-6	D311	H-2
Q313	I-7		
		D313	H-2
Q316	H-7	D331	G-4
Q331	H-5	D333	G-5
Q332	G-7	D337	H-8
Q333	H-7		
Q334	H-4	VARIABLE RESISTOR	
		RV331	F-6
Q335	H-4		
Q336	H-2		
Q341	I-3		
Q342	F-2		
Q343	F-1		
Q344	E-2		
Q345	F-1		
Q346	D-1		
Q347	H-9		
Q348	H-8		
Q349	H-8		

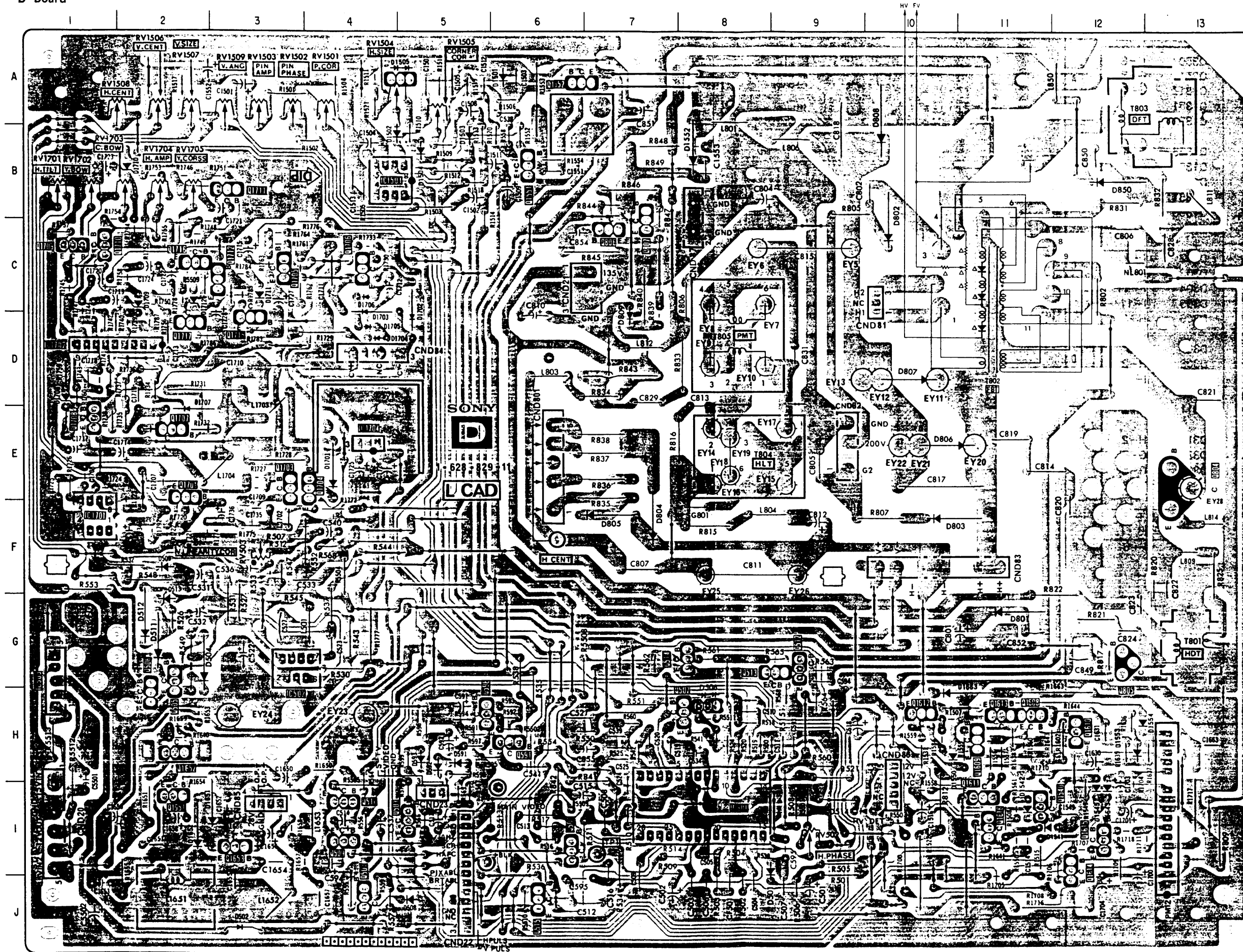


PRINTED WIRING BOARDS (4)

-D Board-

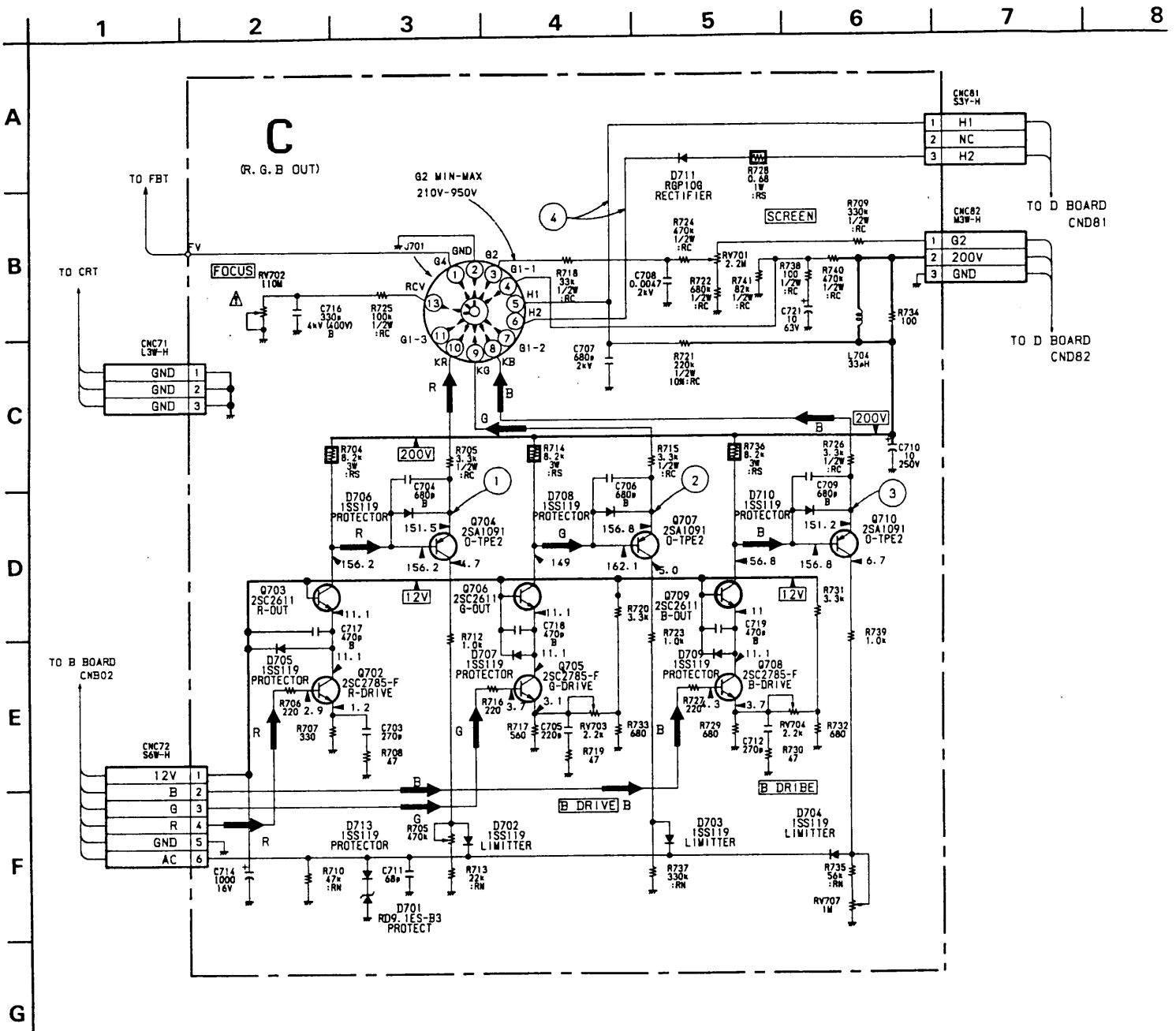
JUNGLE.50/60 SW.PIN AMP.
H·V OUT

D D

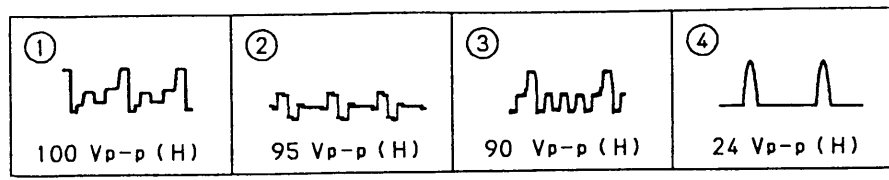


IC		TRANSISTOR	
IC501	I-8	D509	F-2
IC502	G-3	D511	G-2
IC503	G-1	D512	G-2
IC1501	B-4	D513	G-2
		D591	H-5
		D592	H-5
		D593	H-5
Q501	I-6	D801	G-11
Q502	H-8	D802	C-10
Q503	G-5	D803	F-10
Q505	G-2	D804	F-7
Q506	H-2	D805	F-7
Q507	J-4	D806	E-11
Q510	I-4	D807	D-10
Q512	G-9	D808	B-10
Q514	G-8		
Q515	J-6	D809	D-7
		D850	B-12
Q591	H-6	D1501	A-6
Q598	H-5	D1502	B-5
Q804	E-13	D1503	B-5
Q805	G-12		
Q806	C-7	D1504	B-5
		D1505	A-5
Q807	C-7	D1552	B-8
Q1551	B-6	D1553	H-12
Q1552	A-6		
Q1609	H-11	VARIABLE RESISTOR	
Q1610	H-12	RV502	I-9
		RV1501	A-4
Q1613	H-11	RV1502	A-3
Q1698	H-11	RV1503	A-3
		RV1504	A-5
		RV1505	A-5
		RV1506	A-2
		RV1507	A-2
		RV1508	A-2
		RV1509	A-3
DIODE			
D501	I-9		
D502	J-3		
D504	G-2		
D506	H-8		
D508	J-5		

SCHEMATIC DIAGRAM (6)



● C BOARD WAVEFORM



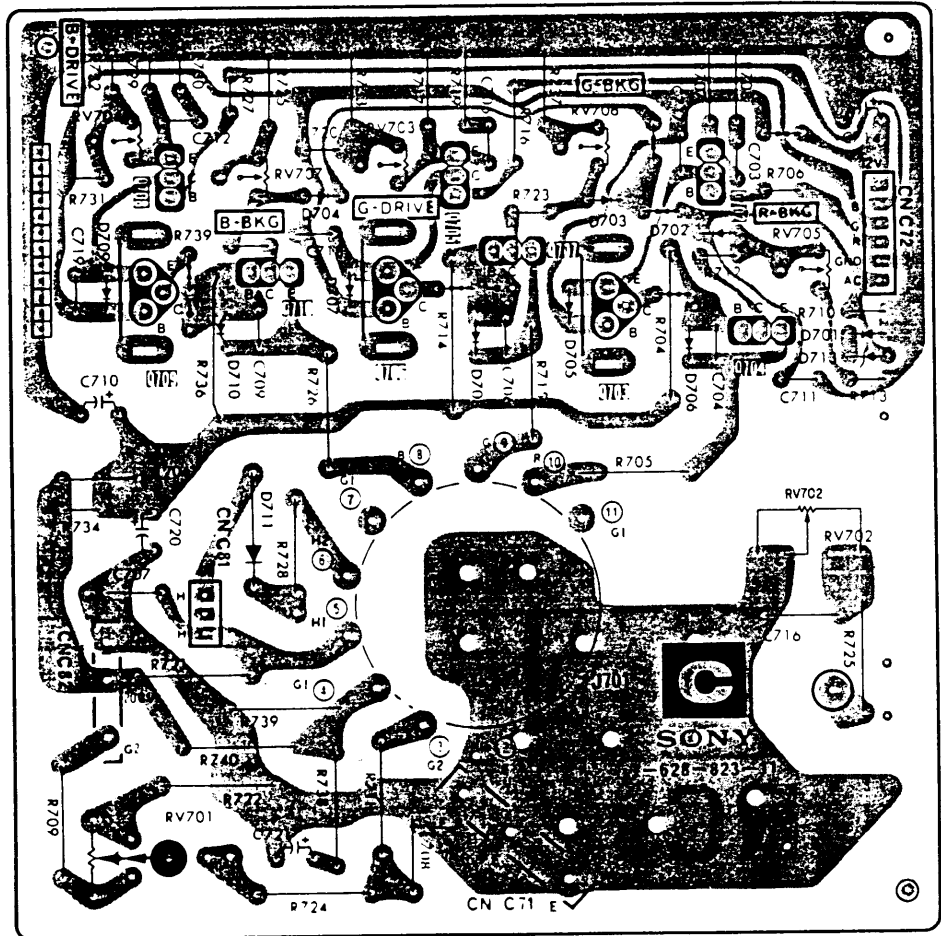
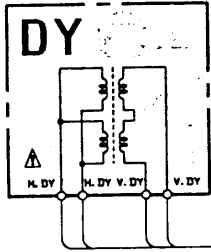
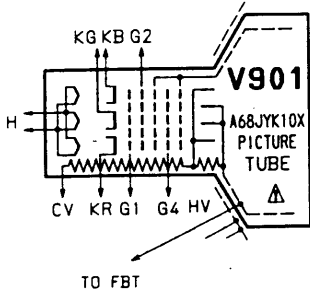
C

[R · G · B OUT]

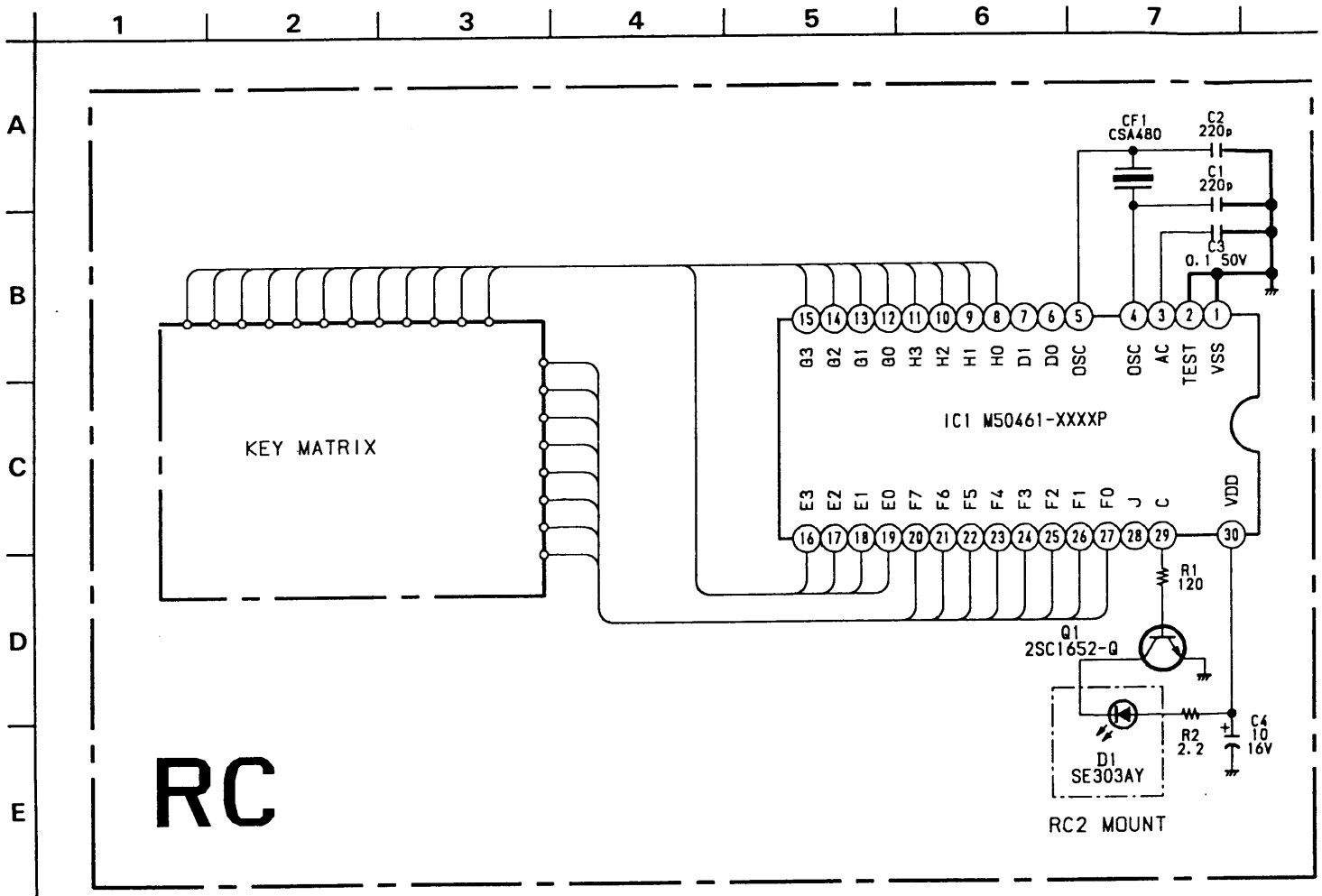
PRINTED WIRING BOARDS (6)

- C Board -

9



REMOTE COMMANDER RM-679MT



Note :

- All capacitors are in μF unless otherwise noted. pF : $\mu \mu F$
50WV or less are not indicated except for electrolytics.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Rating electrical power : 1/4W

- All resistors are in ohms.

SEMICONDUCTORS

M50461-XXXXP	2SC1652-Q	SE303AY
<p>(Top view)</p>		

RC1

RC2

