

SONY

TRINITRON® COLOR TV BASIC SCHEMATIC DIAGRAM

KV-1602M7/RM-650

Chassis No. SCC-A88C

NOTE

THIS SCHEMATIC DIAGRAM IS FOR USE BY YOUR SERVICE
TECHNICIAN.

KEEP THIS DIAGRAM HANDY FOR FUTURE REFERENCE.

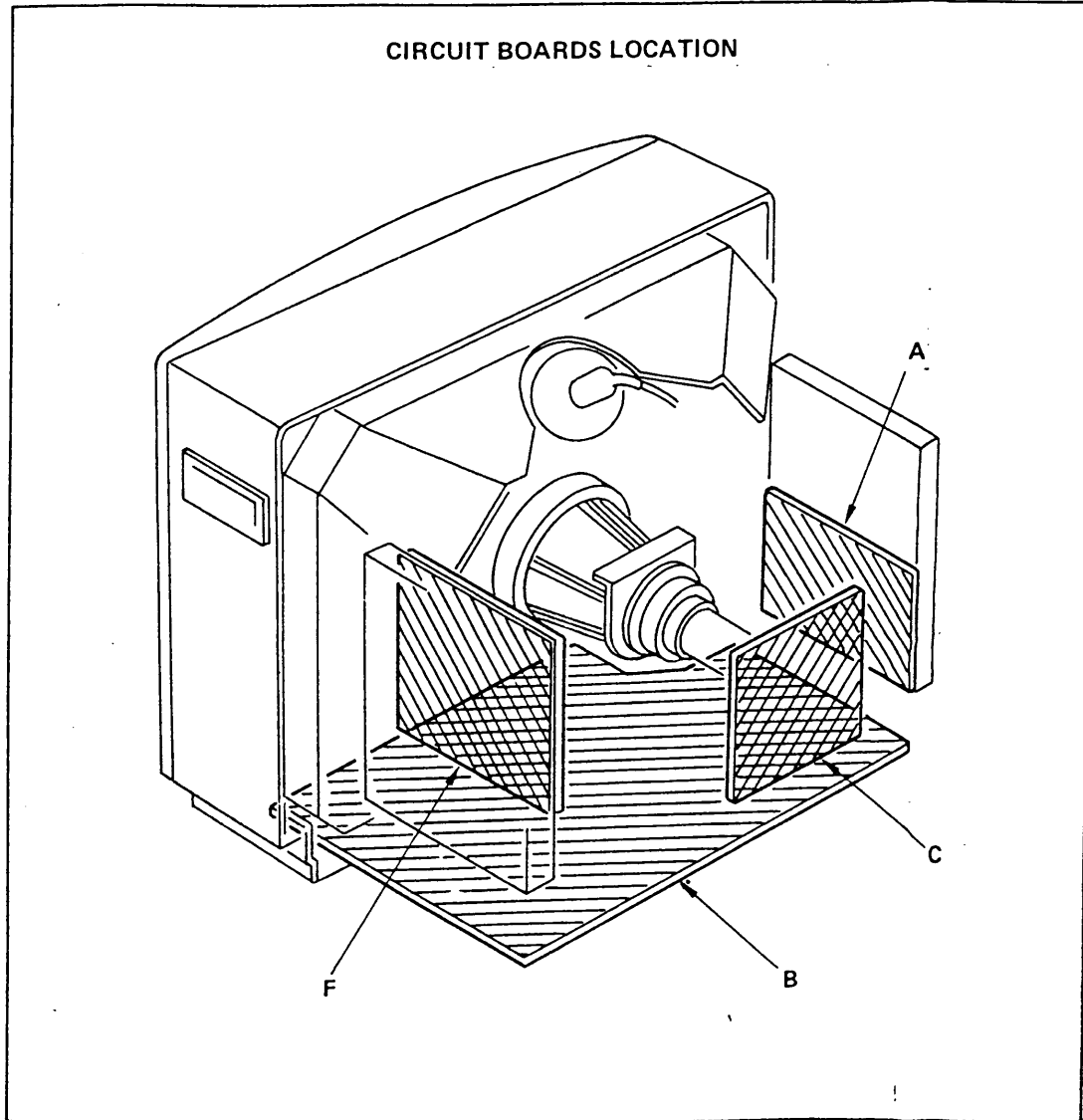
Sony Corporation

4-490-297-01

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Printed in Japan

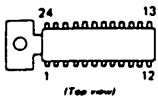
CIRCUIT BOARDS LOCATION



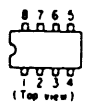
BX-1398



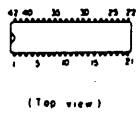
CX-175



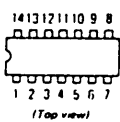
CX23025
μPC358C



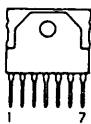
CXA1001AP



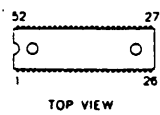
HD14066BP
M58655P
TC4066BP
μPD4066BC



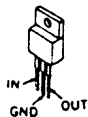
LA7830



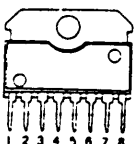
M50436-610SP



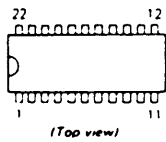
NJM7812B



μPC1241H



μPC1377C



μPC574J



μPC78L05A



2SA933
2SC1890A
2SC2001
2SC2120



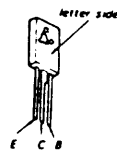
2SA1048
2SA1115
2SC1740
2SC2458
2SC2603
2SC403SP
DTA124ES
DTA144ES
DTC124ES
DTC144ES



2SA1175
2SC2785
2SD1020



2SC2611
2SC2688



2SD773
2SD774



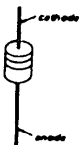
2SD788



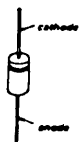
2SD1554



1SS119
1SS133
1SS148
HZT33-02
RD3.9ES-B1
RD5.1ES-B2
RD7.5ES-B1



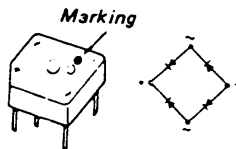
ERB44-04
ES1F
RD30ESL4
RD10ESB3
RGP01-17
RGP10G



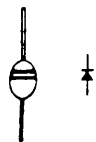
RB406NH



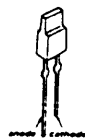
S3WB60Z



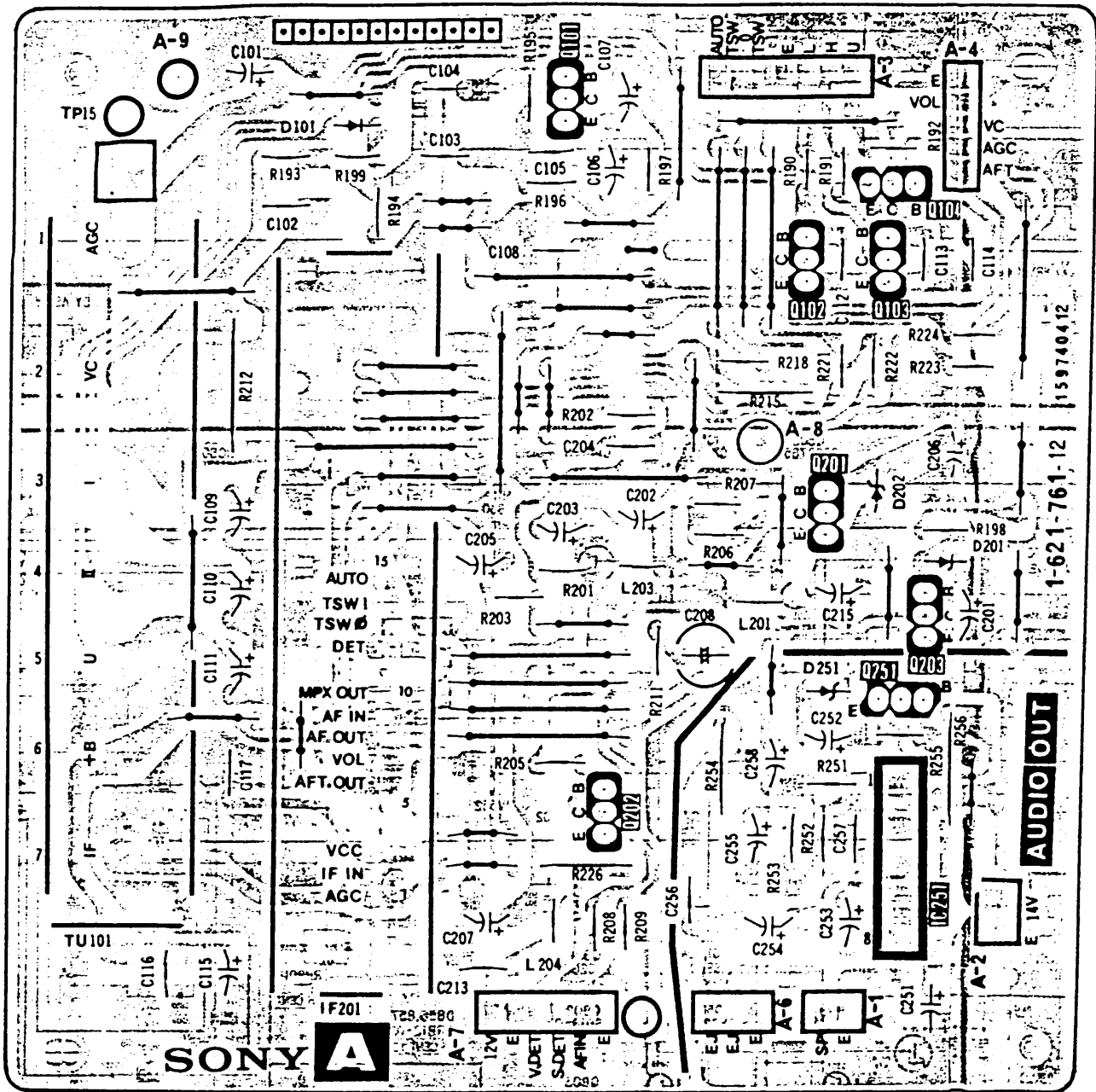
V19E
V19G
V30N



SLP161B

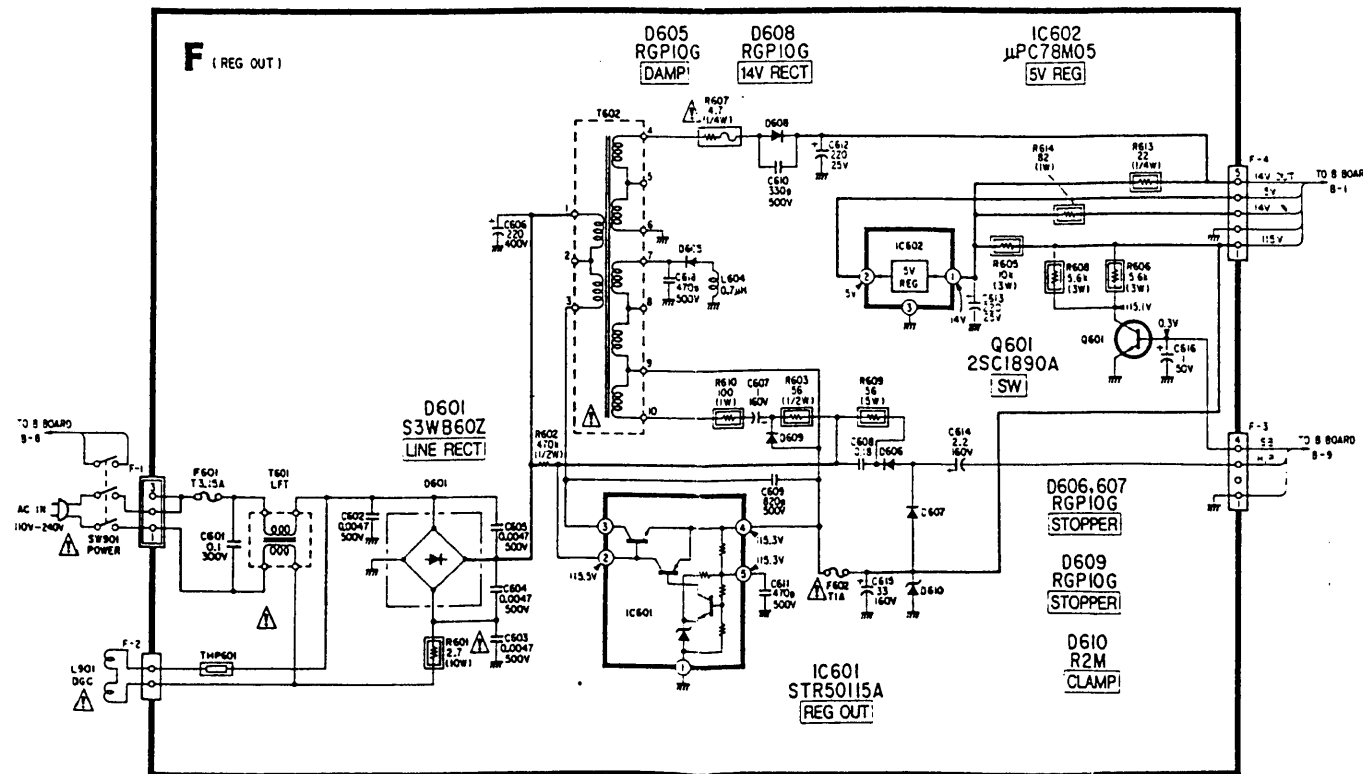
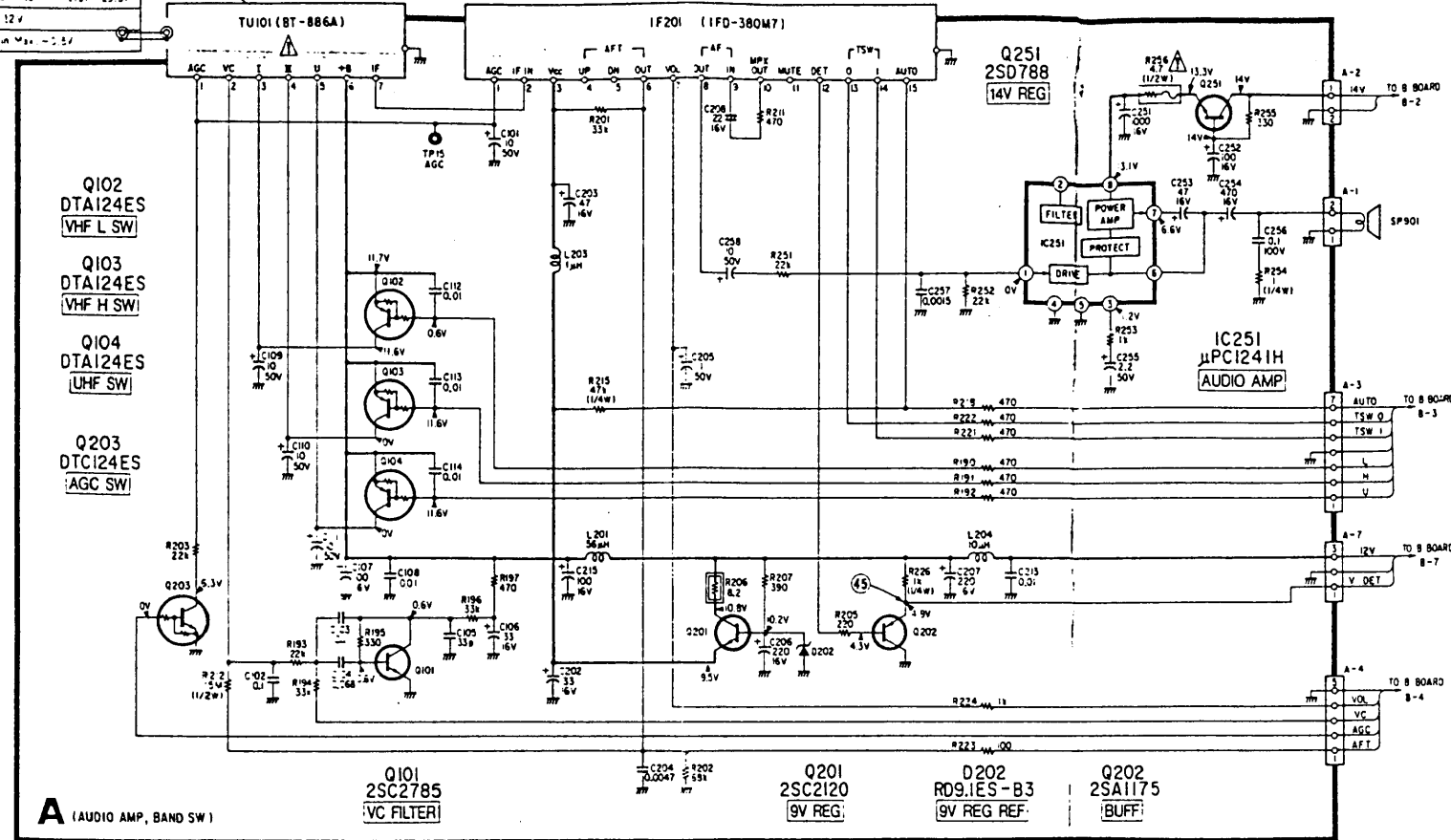


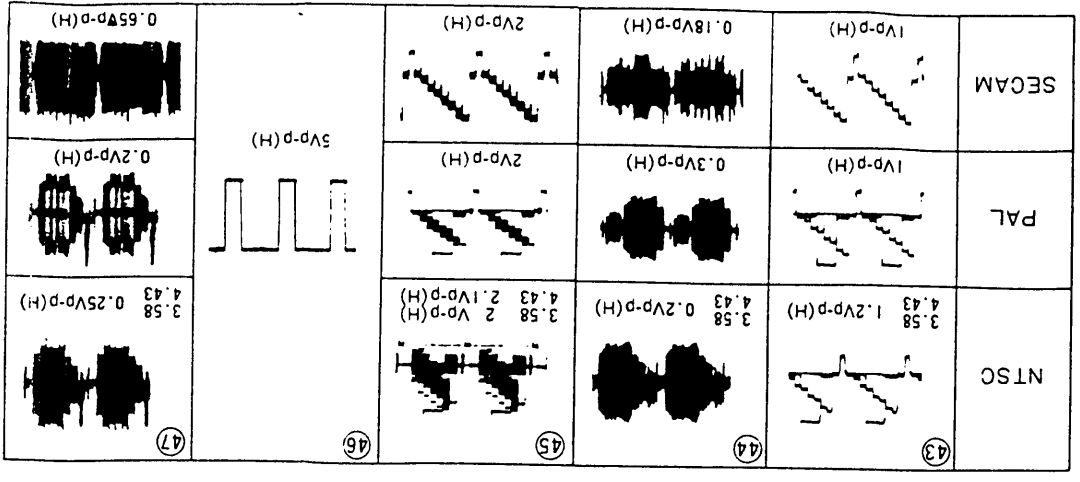
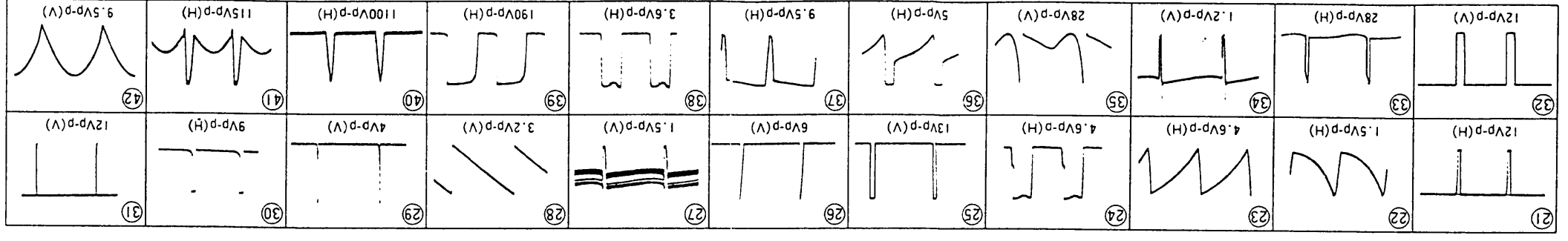
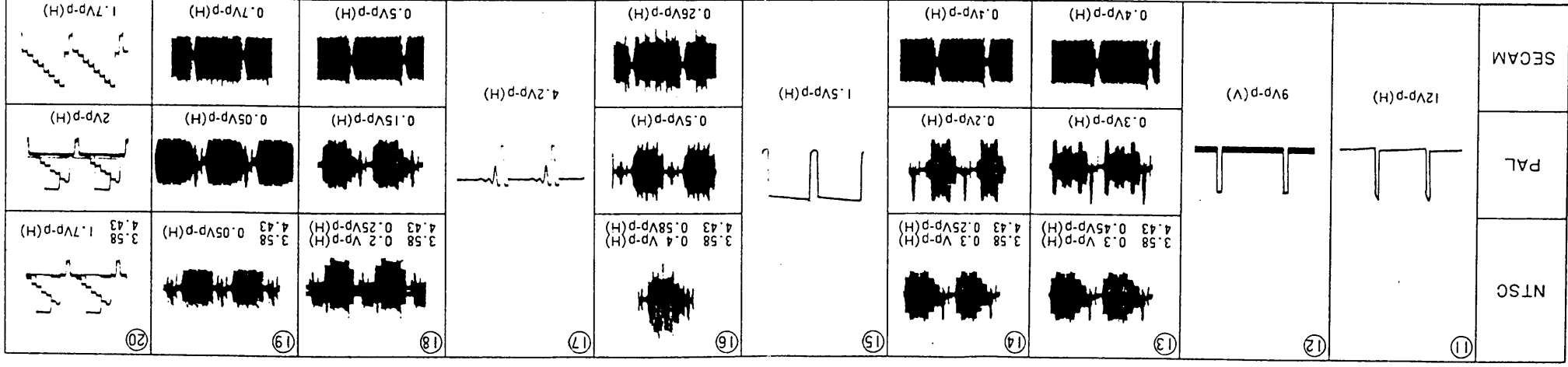
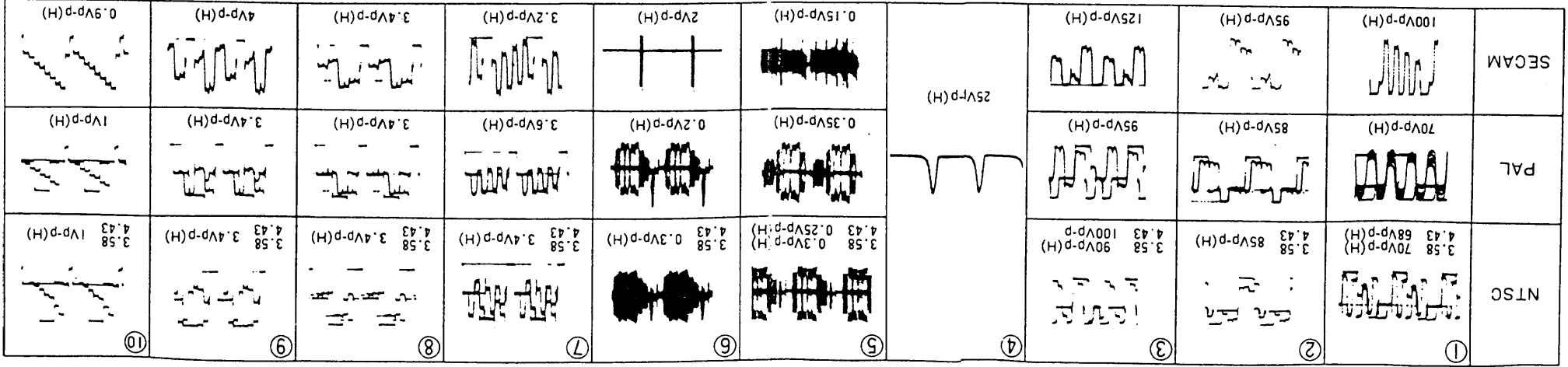
A [AUDIO AMP
BAND SW]



SCHEMATIC DIAGRAM

	VHF L SW	VHF H SW	UHF
I	12V	0.2V or less	0.2V or less
II	0.2V or less	12V	0.2V or less
U	0.2V or less	0.2V or less	12V
VC	1.2V-20V	0.2V-7.5V	1.5V-25.5V
B	12V		
AGC	8.5V Gain Max -1.5V		



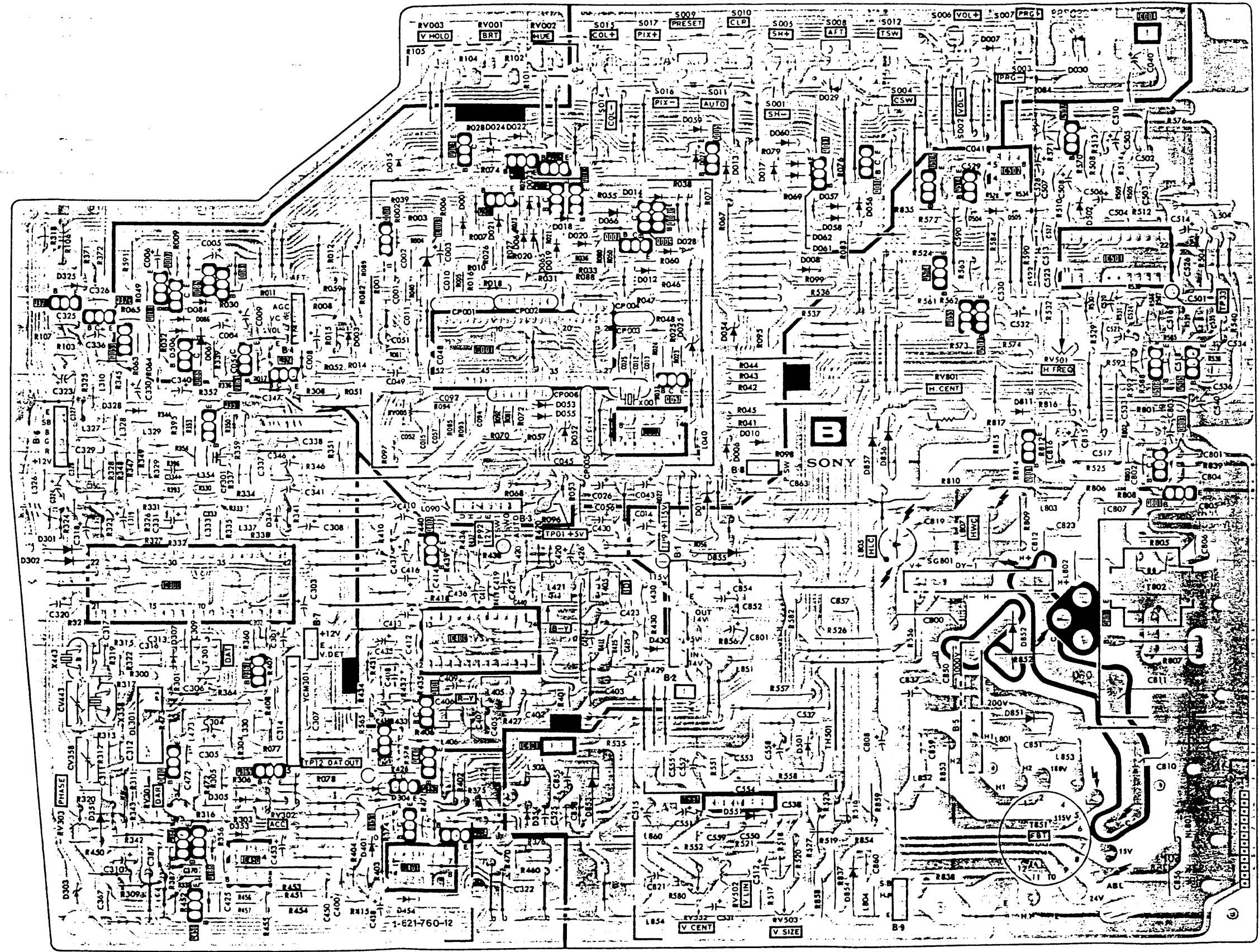


PRINTED WIRING BOARDS

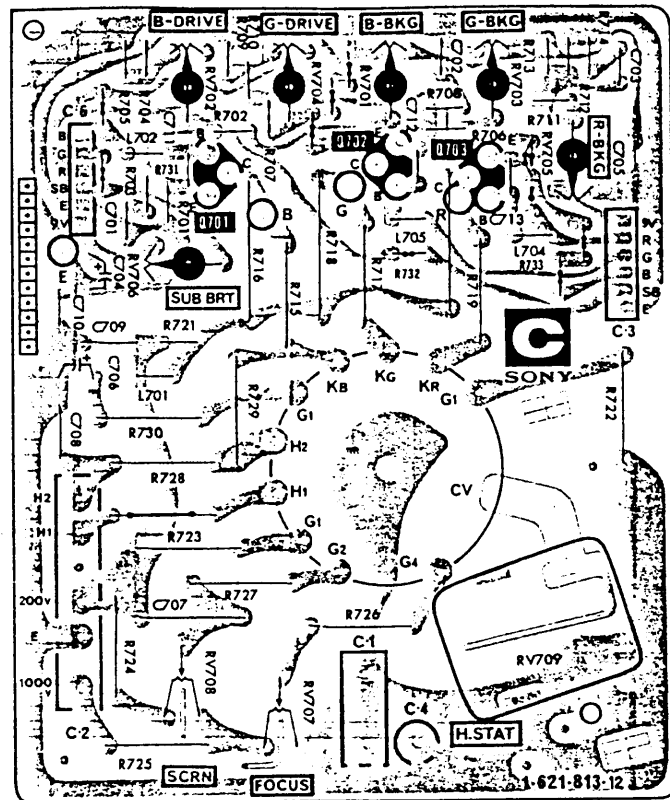
Note: All mounting diagrams are viewed from conductor side.

B CONTROL, MEMORY, CHROMA, SECAM JUNGLE, V OUT, H OUT

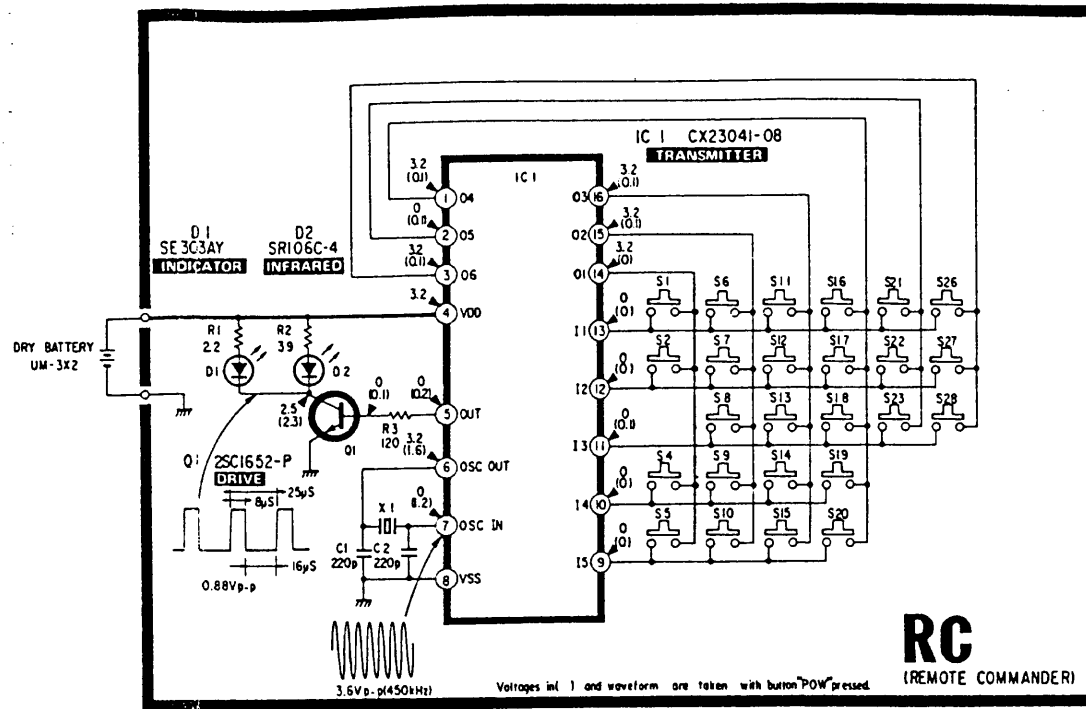
Q, IC	D	ADJ	TP
IC004	030 007	RV003, RV002 RV001	
502	029		
004 005	059 022 060		
072	024		
008 011, 010	015, 027, 062 017, 061		
506, 514 IC502	504, 505 502		
071 013	023, 014		
009	056-058		
001 080	001, 021, 066		
007 IC501	064, 065 020		
IC 003	019		
085, 083	008		
014 504	012		33
012	325		
325	084		
326	086 054	RV501	
053 507	506 003		
IC001	067 025		
086 508			
084, 324 505			
057			
351	328 053 055 052 811 010	RV005 RV801	
804	006, 857, 856		
803			
801			
	011		01
402	341		
	301 855	L807	92
IC300	302	L805	91
802		L421, T405	
IC 400			
367	307 852 430	T301	
401		L405	
	851	CT 443	
470 IC801			
366		CV 358	12
503 440			
352	304	RV 301, RV302	
	305		
IC551	351 853	RV 303	
	353 551		
387, 388	354		
IC450, IC401			
450	303 854	RV502 RV552 RV503	
Q, IC	D	ADJ	TP



C [R-G-B OUT]



REMOTE COMMANDER RM-650

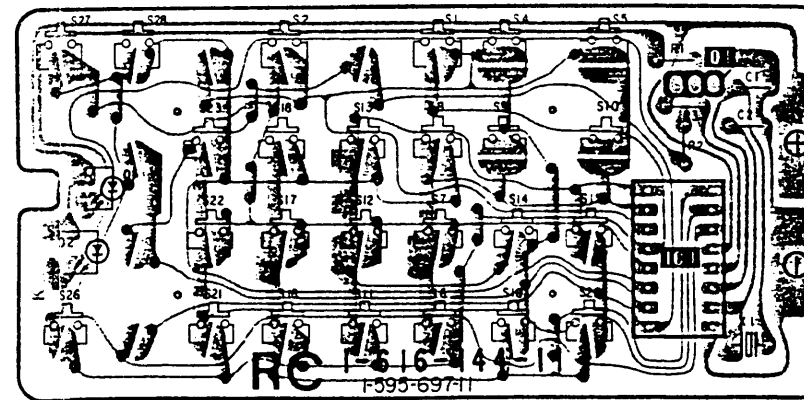


RC
(REMOTE COMMANDER)

KEY MATRIX TABLE

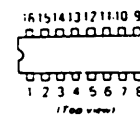
	01	02	03	04	05	06
1	S1 NORM	S6 1-	S11 7	S16 4	S21 1	S26 MUTE
2	S2 DSP	S7 0	S12 8	S17 5	S22 2	S27 POW
3		S8 2-	S13 9	S18 6	S23 3	S28 TV
4	S4 CH +	S9 VOL +	S14 PIC +	S19 COL +		
5	S5 CH -	S10 VOL -	S15 PIC -	S20 COL -		

RC



- All capacitors are in μF unless otherwise noted. pF : μF 50 WV or less are not indicated except for electrolytics.
- All resistors are in ohms, $\frac{1}{4}$ W unless otherwise noted. k: 1000 Ω , M: 1000 k Ω
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Voltages and waveform are for when any push button is pressed.
- Voltages in () are taken with button not pressed.

CX23041-08



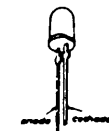
ZSC1652



SR106C-4



SE303AY



B (CONTROL MEMORY, SECAM, CHROMA)
(JUNGLE, V OUT, H OUT)

