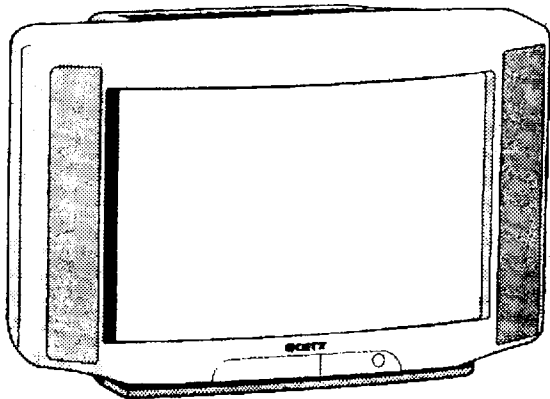
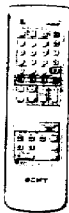
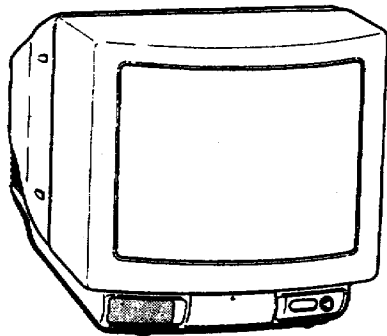
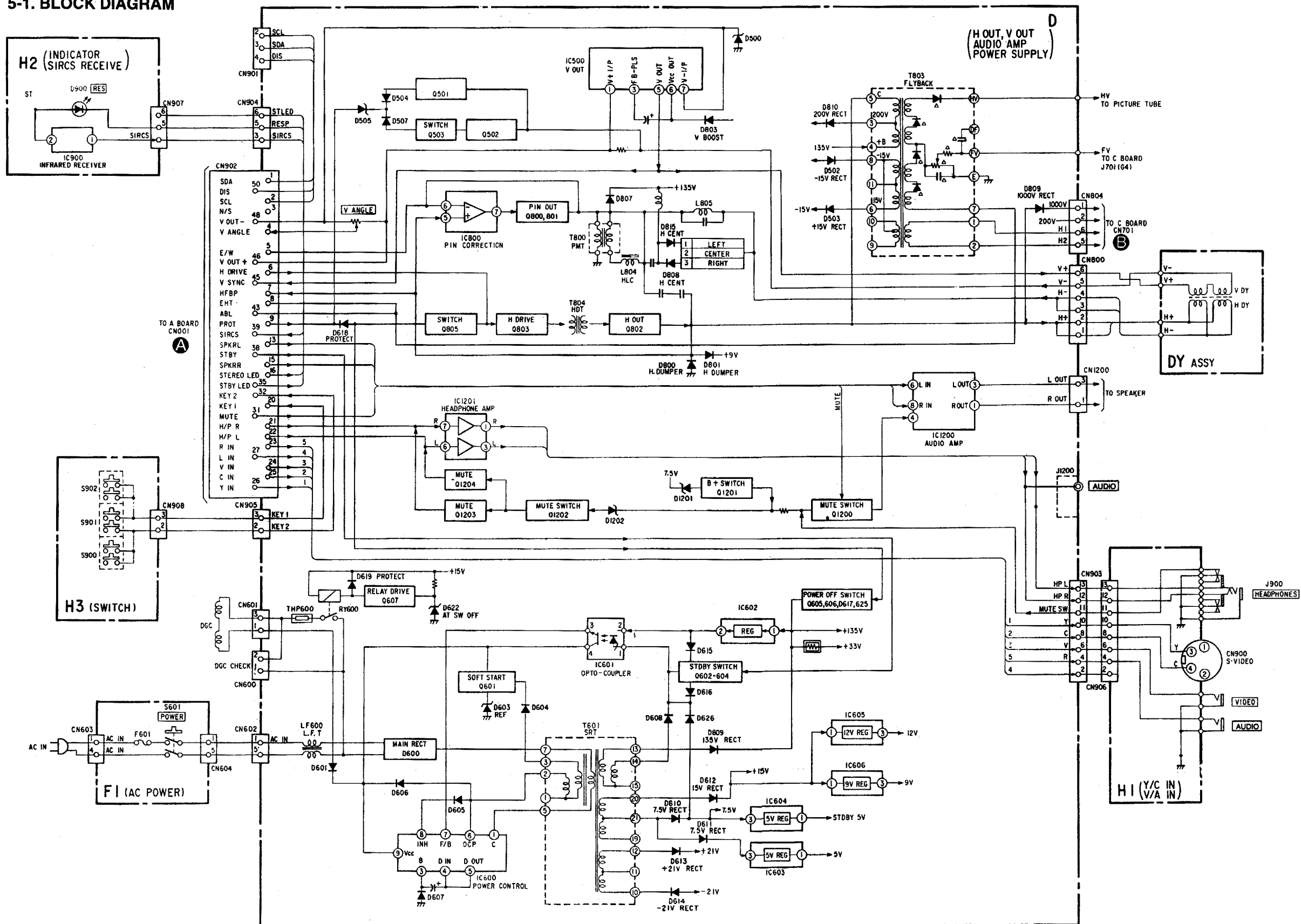


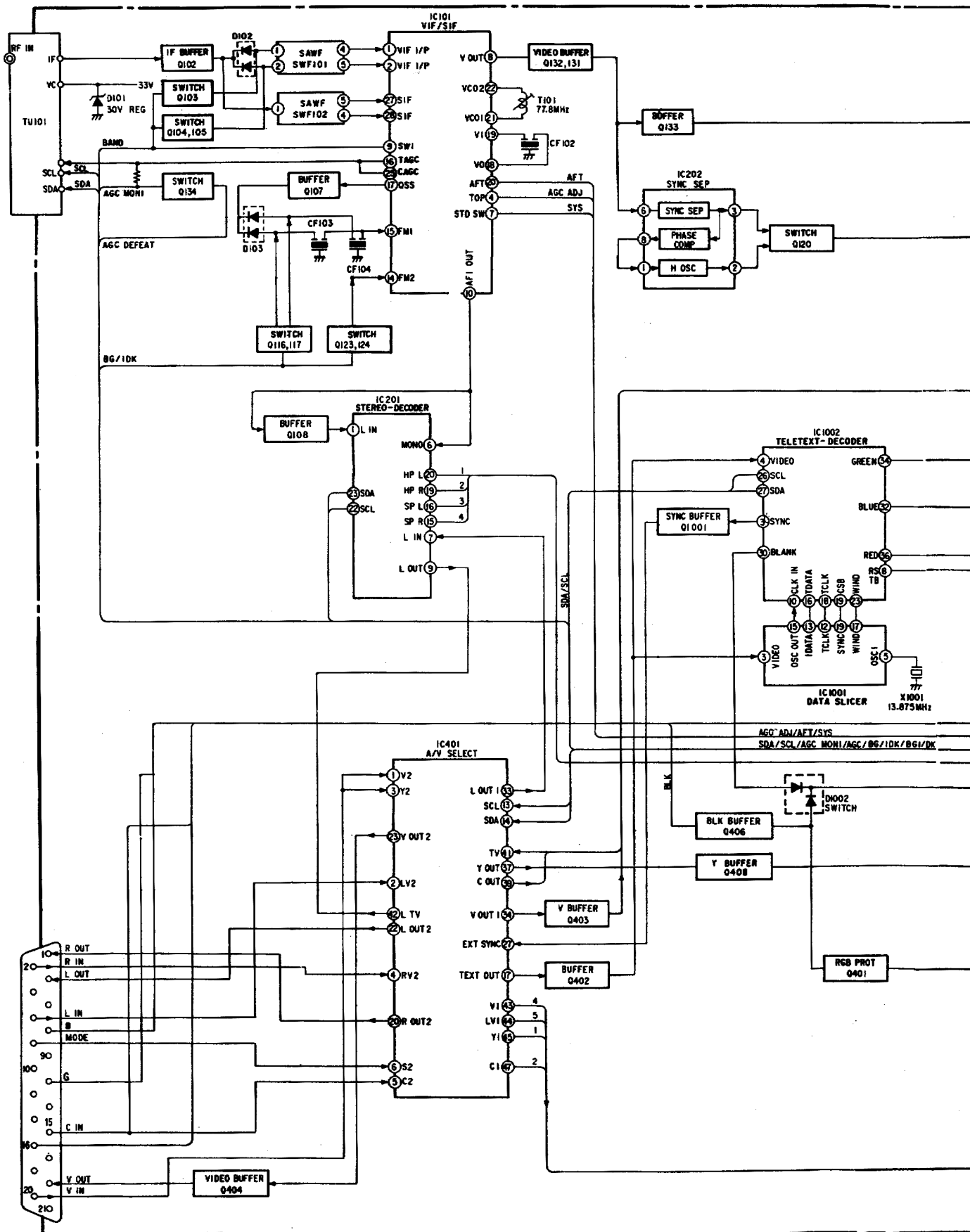
TRINITRON® COLOR TV
SONY

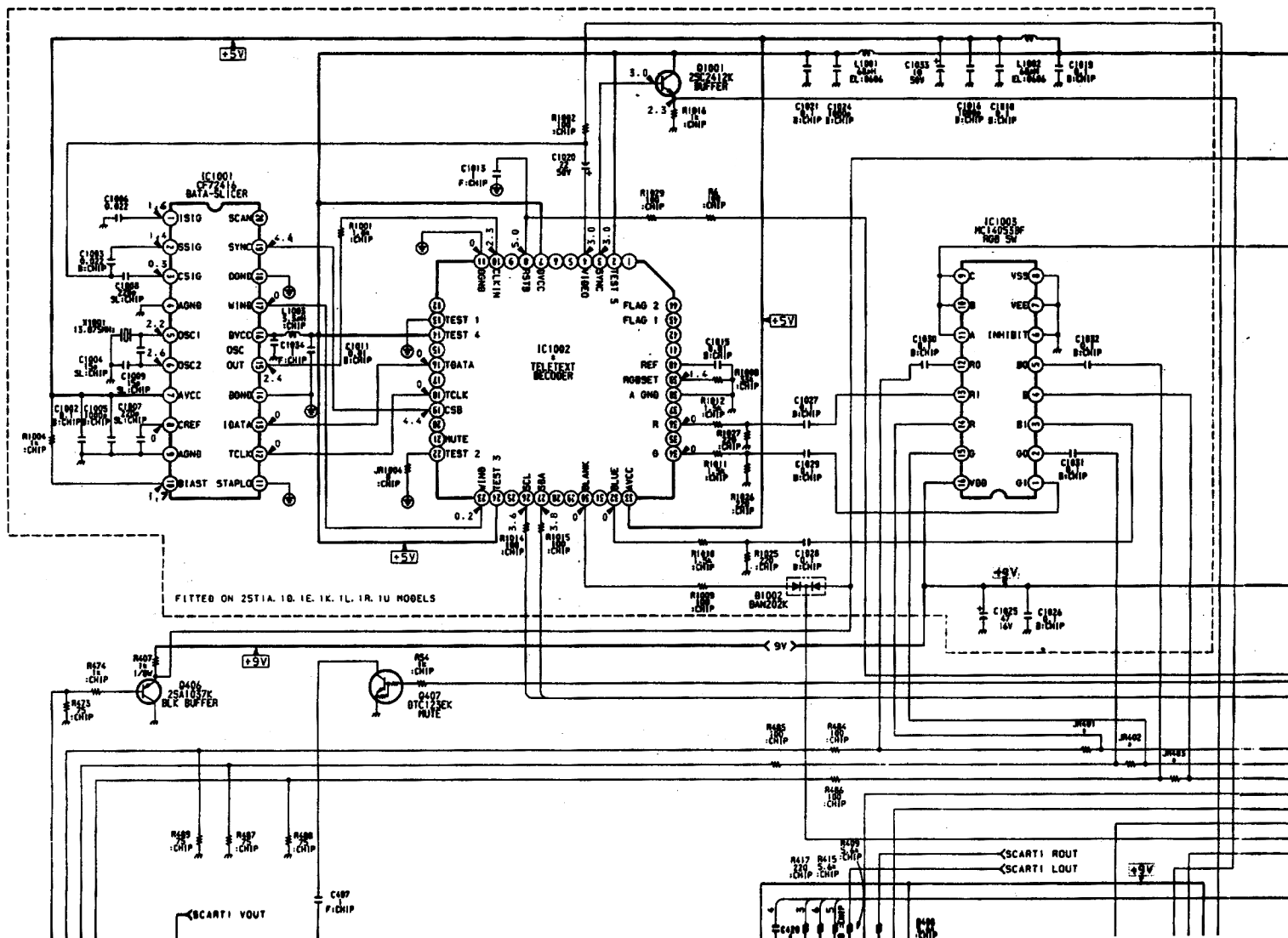
BE-3B CHASSIS

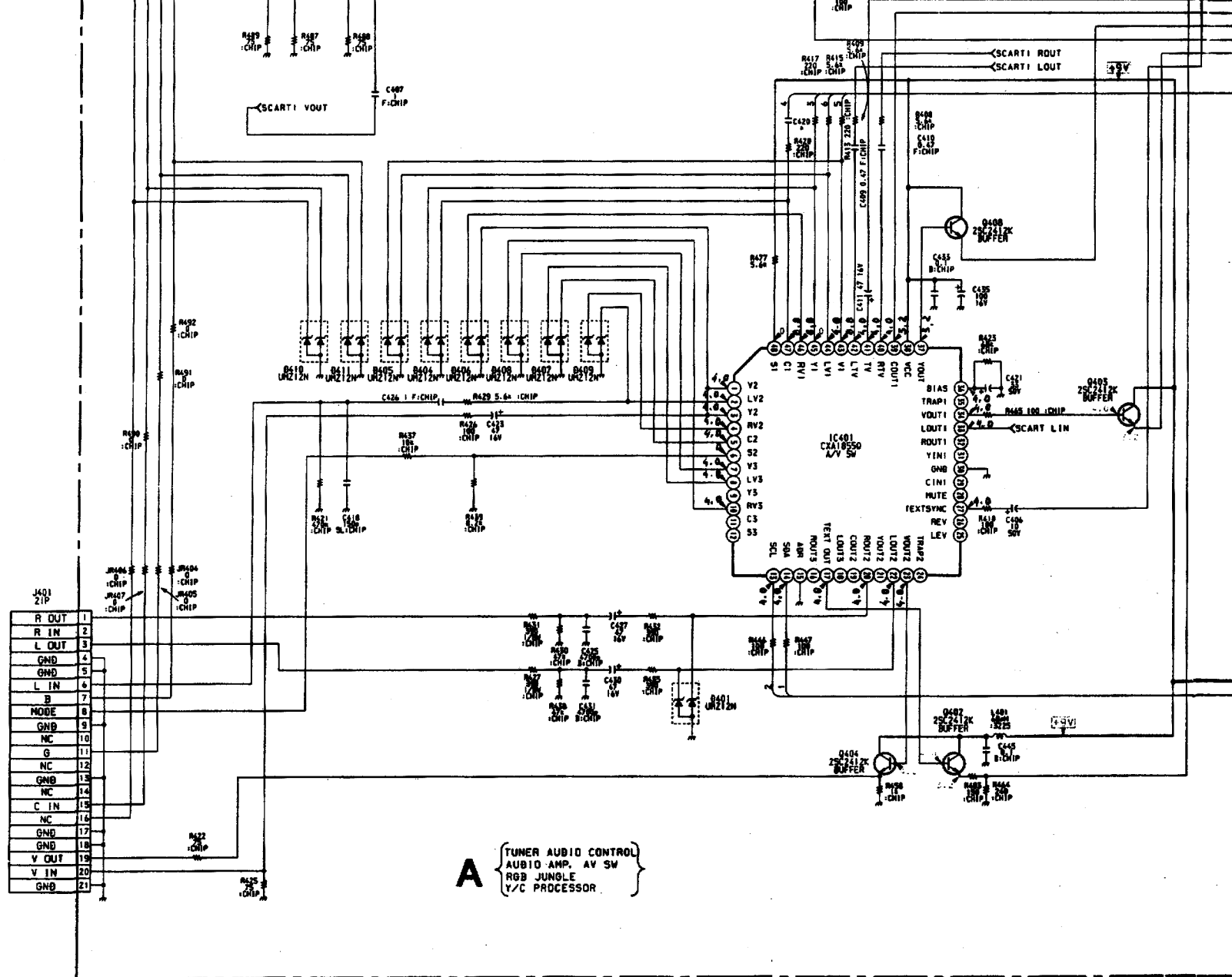


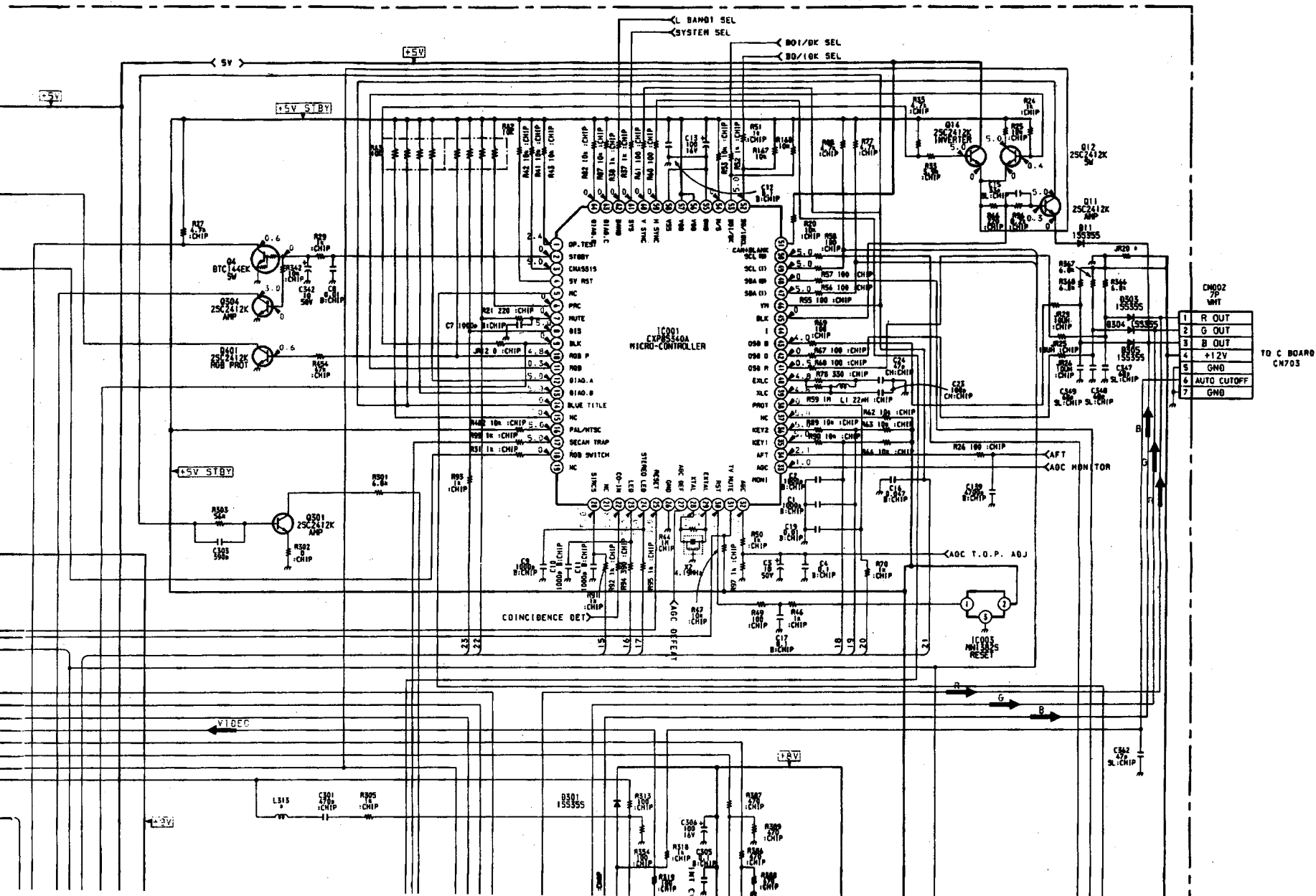
5-1. BLOCK DIAGRAM





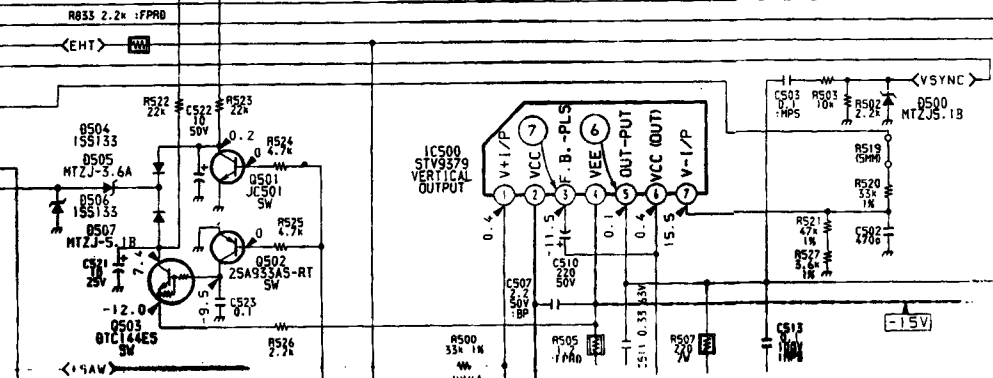
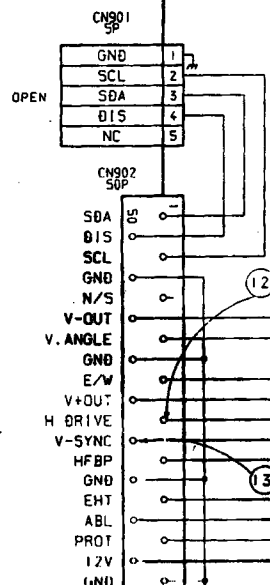
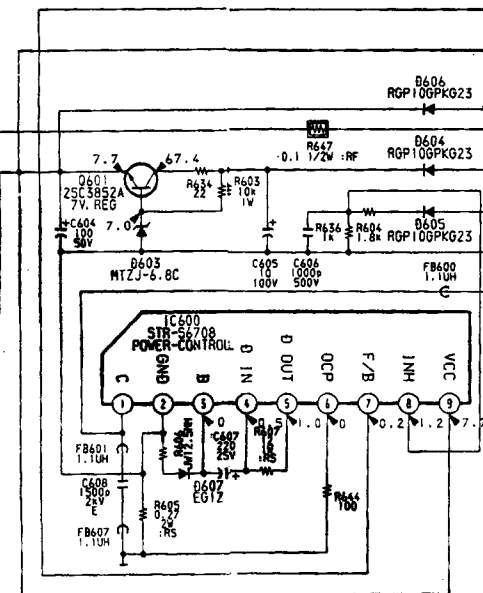
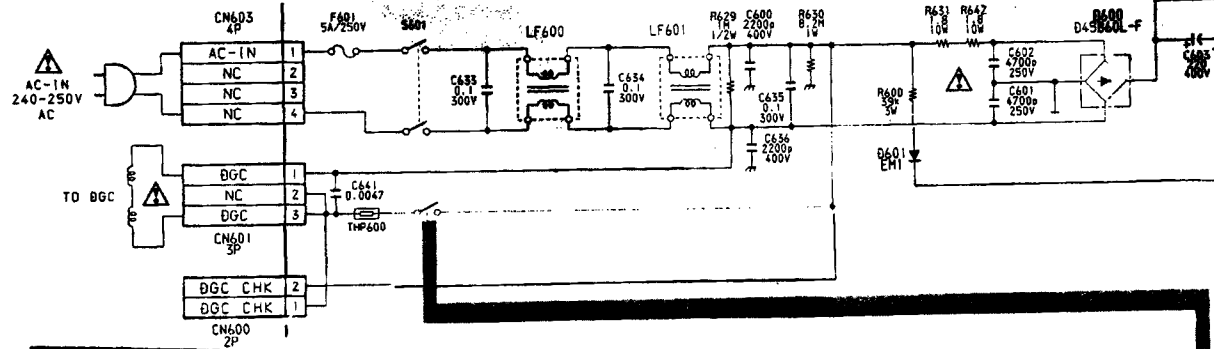






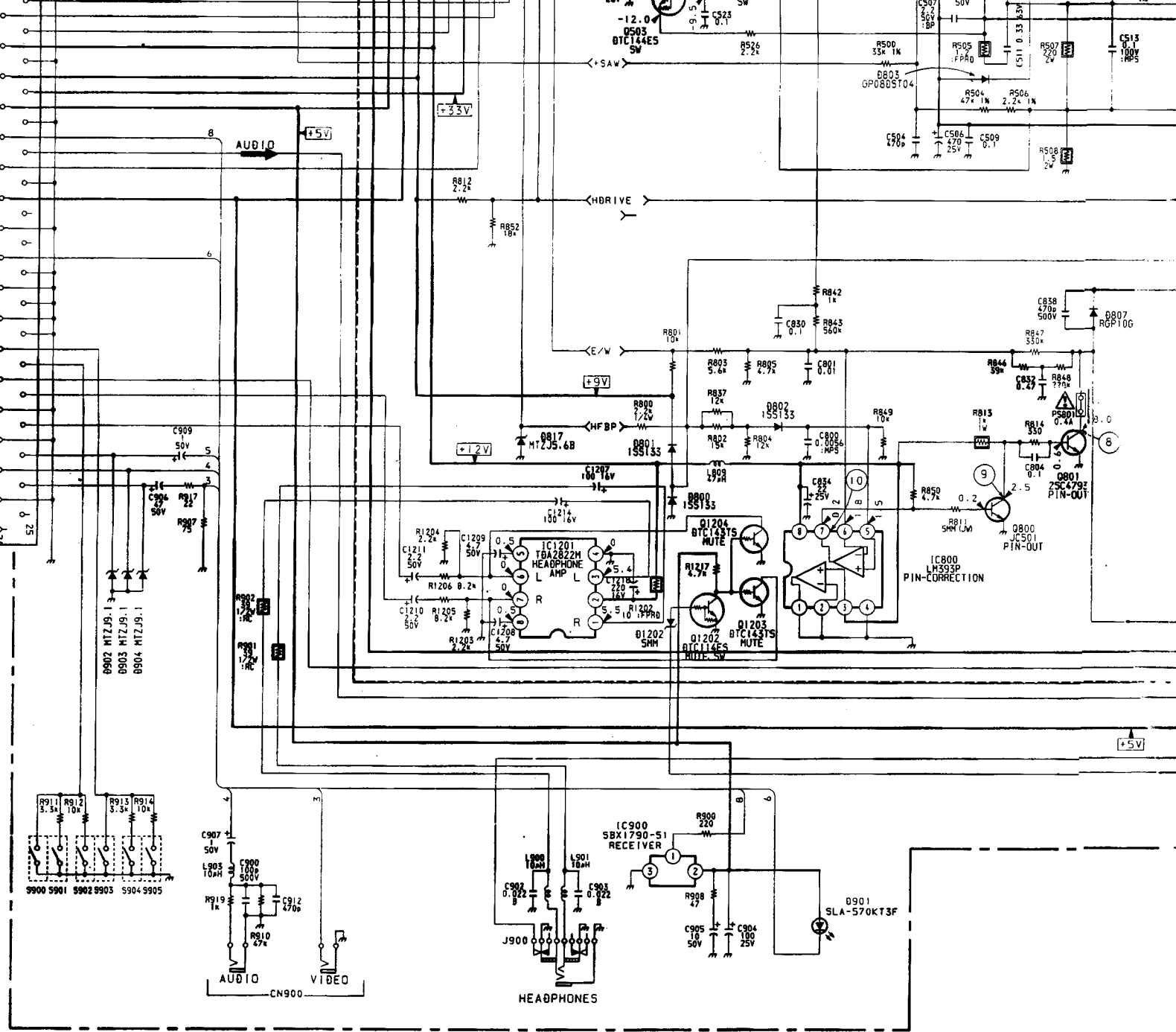


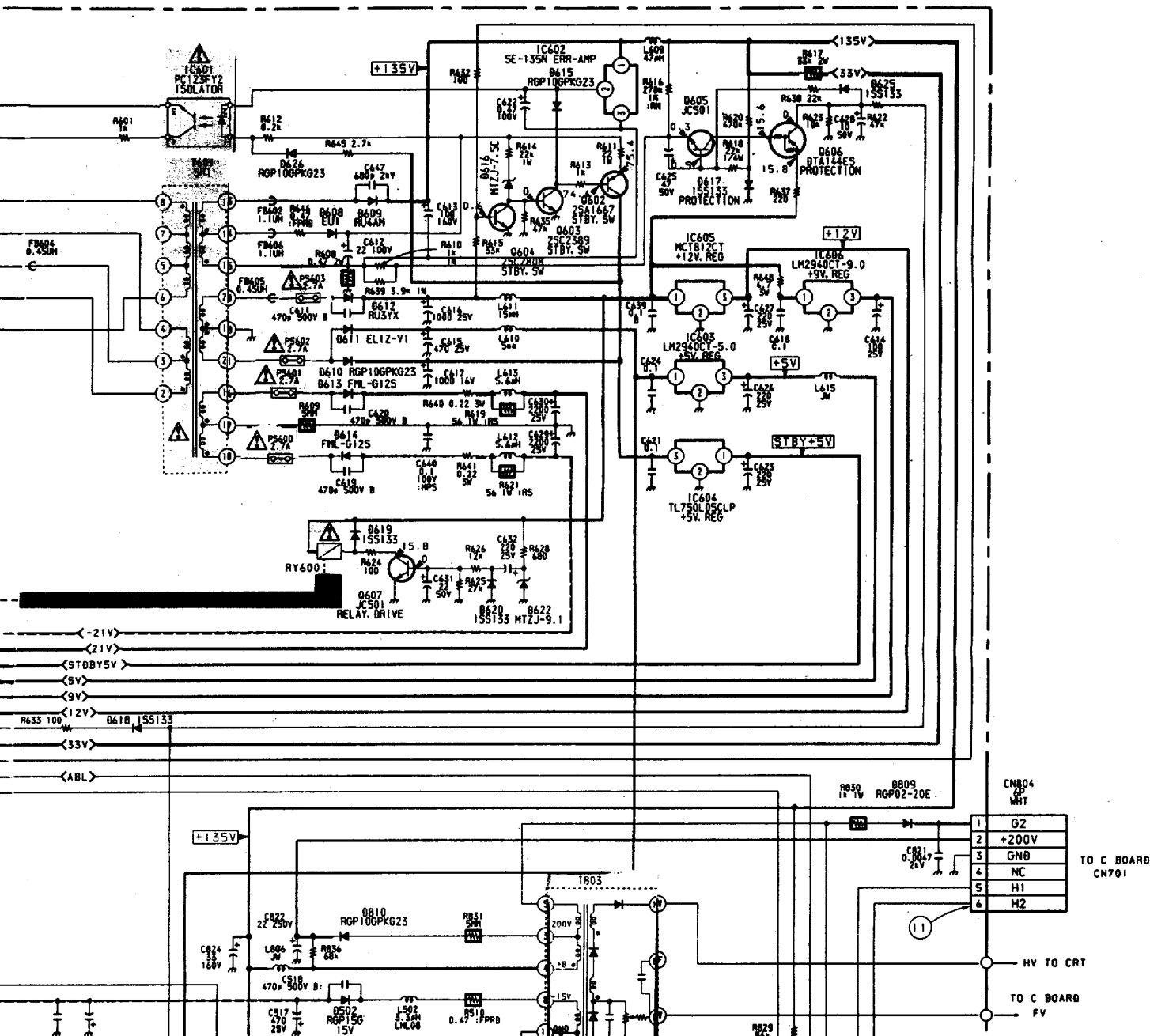
D { HV OUT
PIN OUT
POWER SUPPLY }

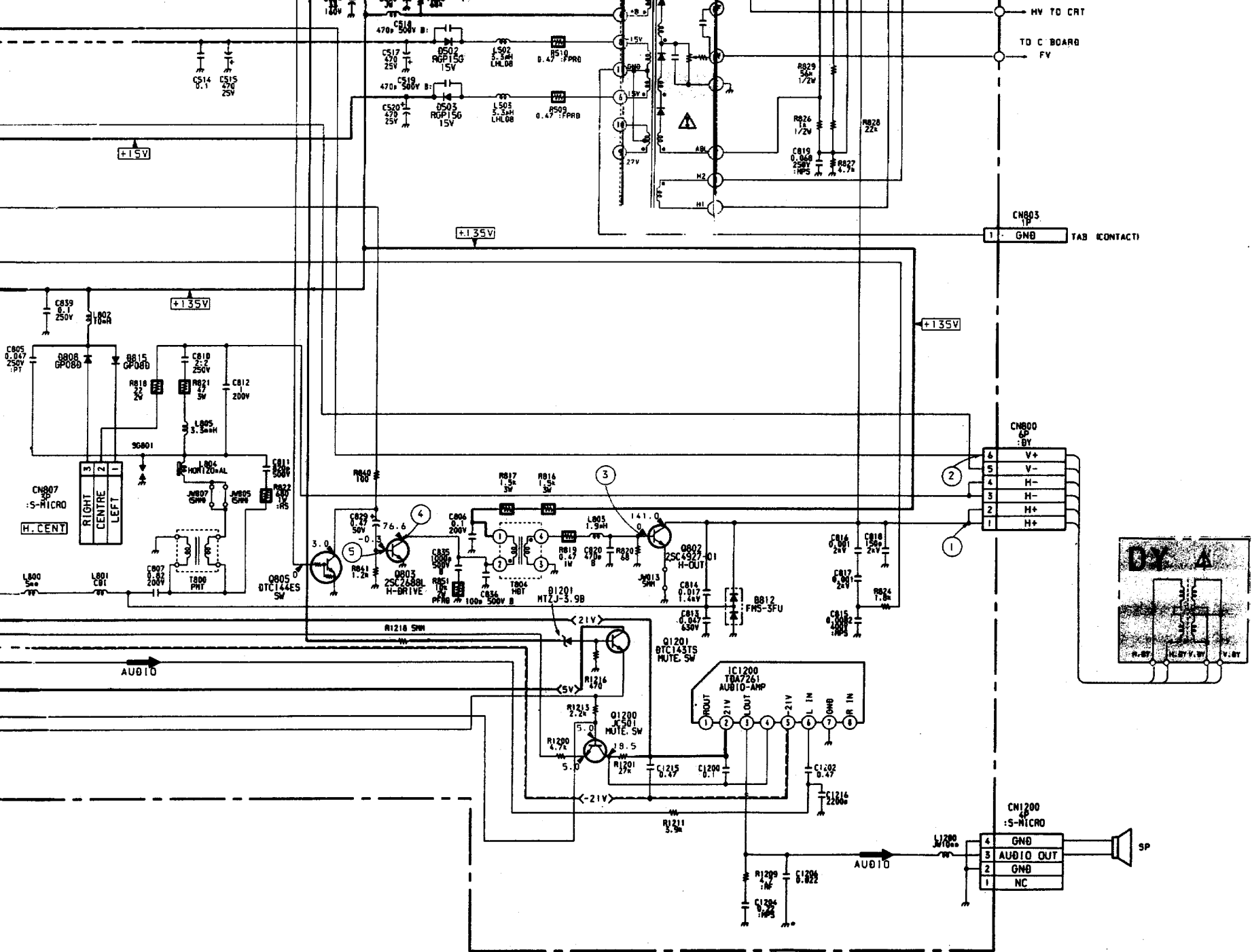


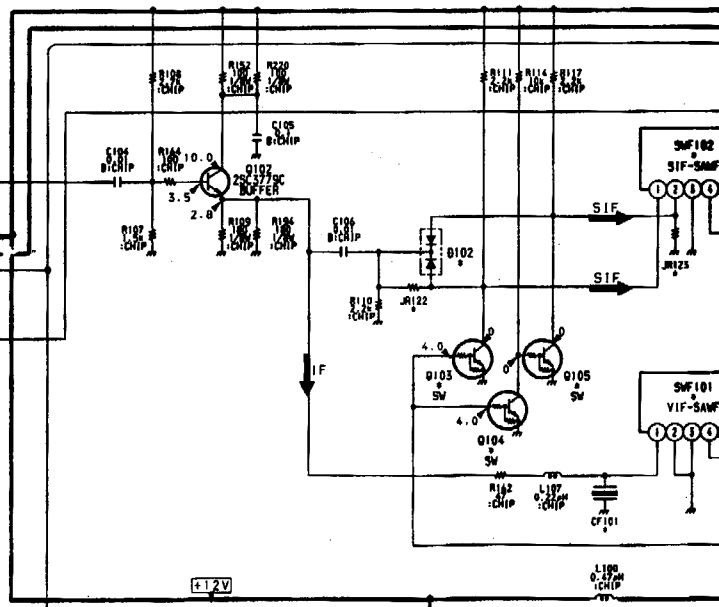
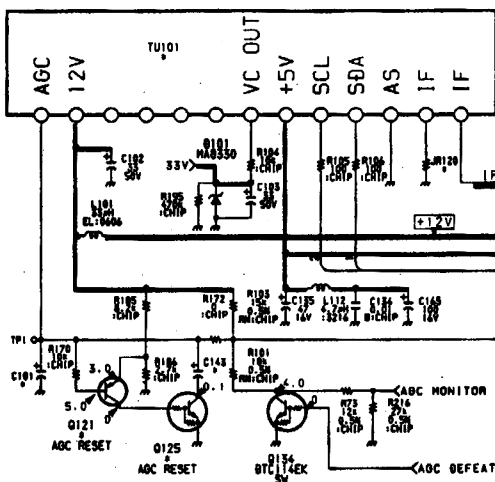
TO A BOARD
CN001

ABL
PROT
12V
GND
9V
33V
STBY 5V
GND
SIRCS
SPL
STBY
GND
5V
SPR
GND
STLED
STBY LED
GND
GND
GND
GND
KEY 2
KEY 1
MUTE
H/P R
GND
H/P L
GND
RIN
LIN
VIN
GND
CIN
YIN

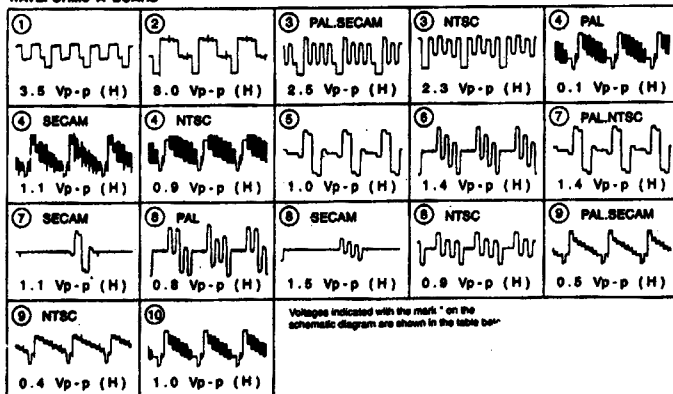








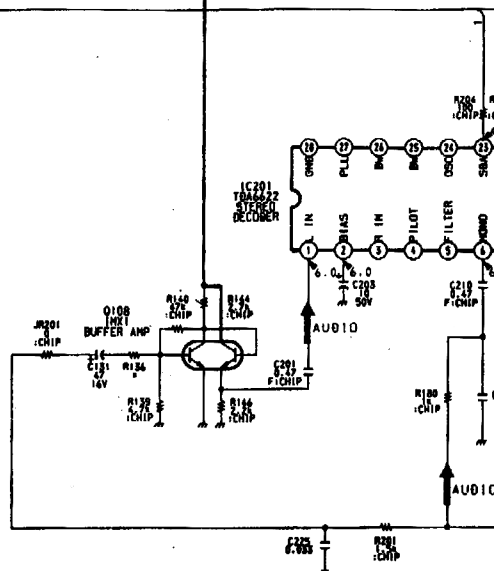
WAVEFORMS A BOARD

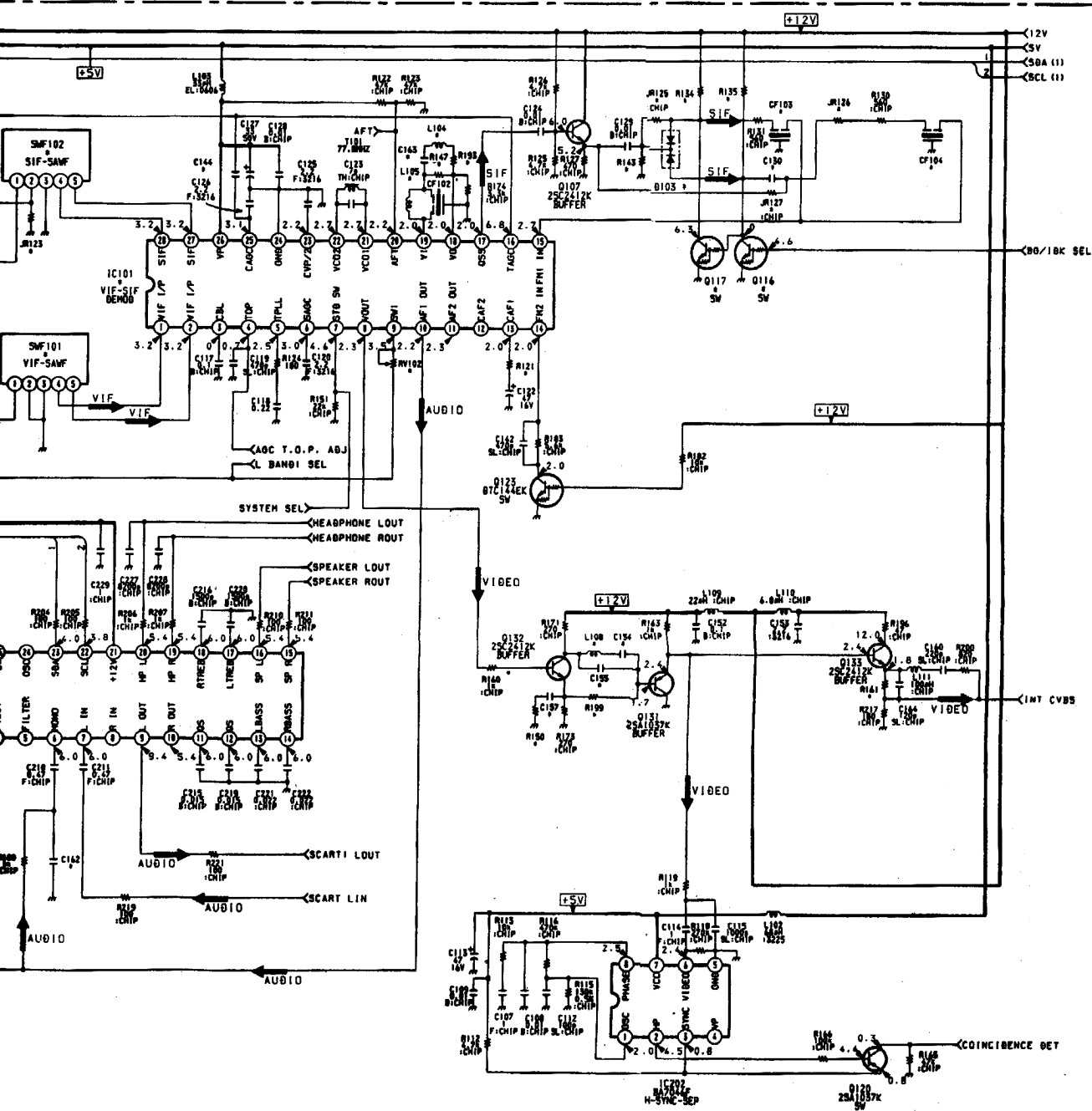


Voltages indicated with the mark * on the schematic diagram are shown in the table below.

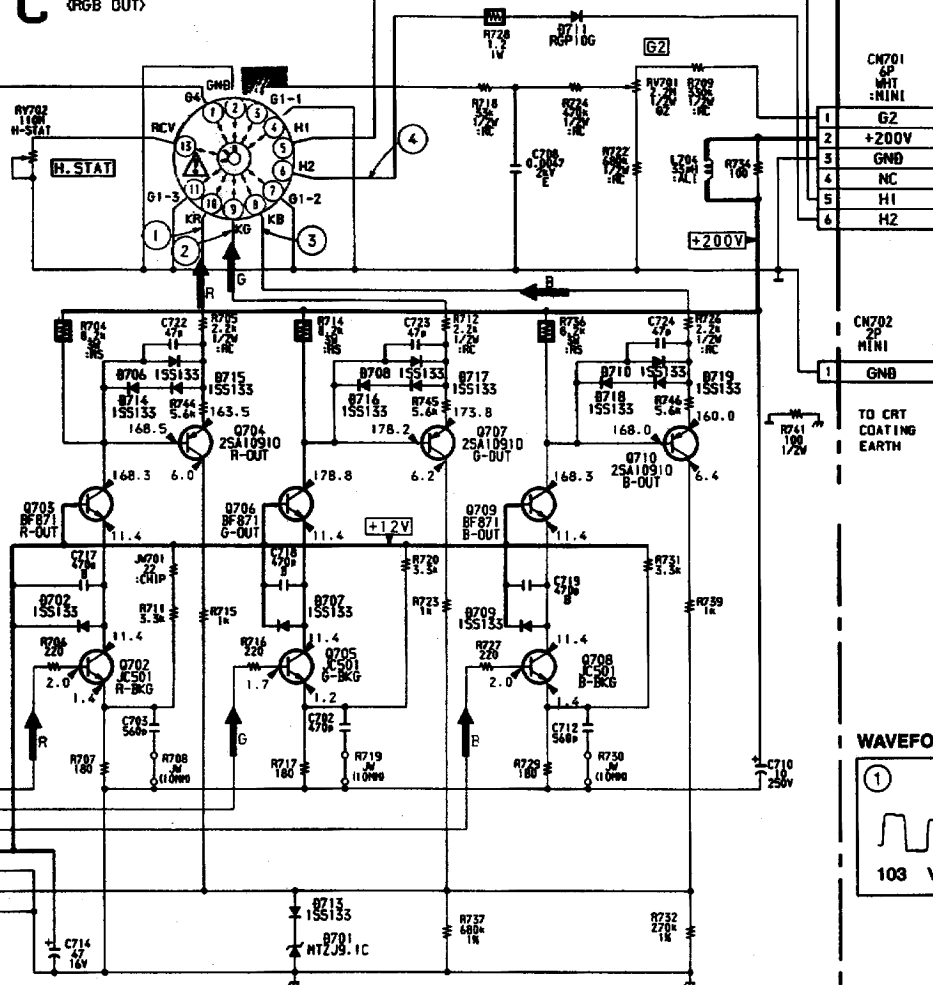
A

TUNER AUDIO CONTROL
AUDIO AMP. AV SW
RGB JUNGLE
Y/C PROCESSOR

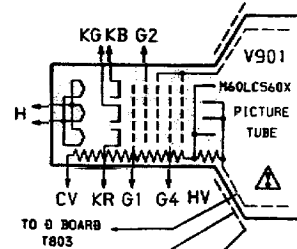




C (RGB OUT)

TO B BOARDS
FV

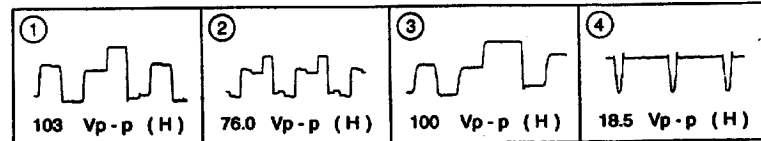
1	G2
2	+200V
3	GND
4	NC
5	H1
6	H2

TO B BOARDS
CN804TO B BOARDS
T803

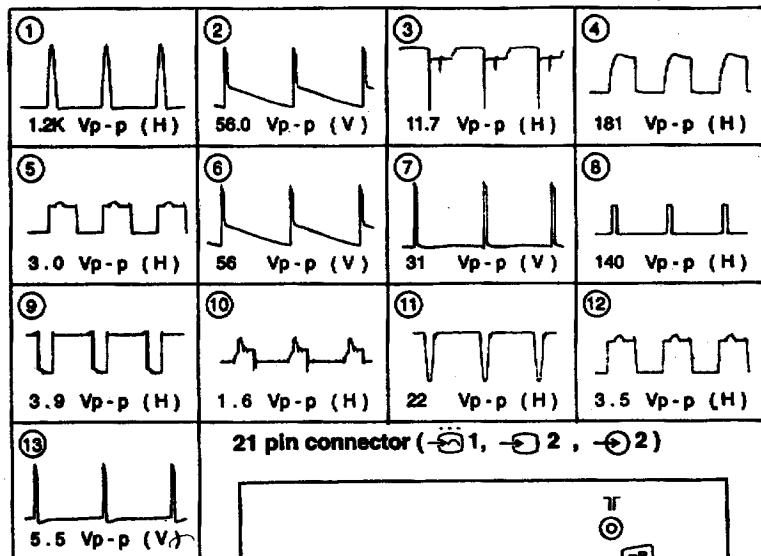
TAB CONNECTOR

TO CRT COATING
EARTH

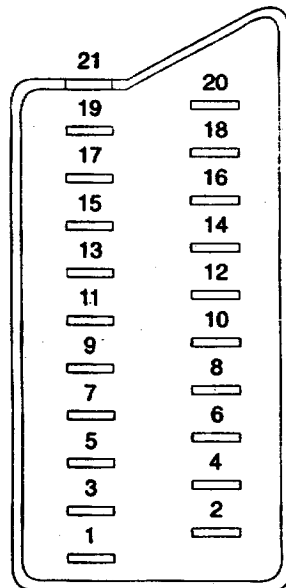
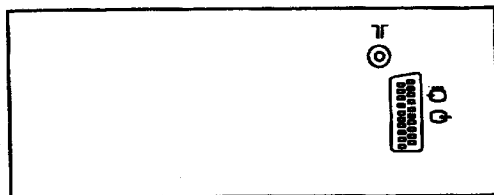
WAVEFORMS C BOARD

TO A BOARD
CN002

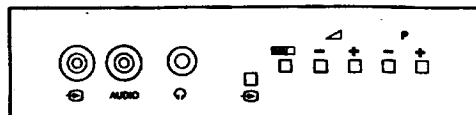
WAVEFORMS D BOARD



21 pin connector (1, 2, 2)



Pin No.	Signal	Signal Level
1	Ground	
2	Ground	
3	Y (S signal) input	1V ± 3dB 75 ohm, positive Sync. 0.3V -3 + 10dB
4	C (S signal) input	0.3V ± 3dB 75ohm, positive Sync.



Pin No.	1	2	4	Signal	Signal Level
1	○	○	○	Audio output B (Right)	Standard level : 0.5V rms Output impedance : Less than 1k ohms*
2	○	○	○	Audio input B (Right)	Standard level : 0.5V rms Output impedance : More than 10k ohms*
3	○	○	○	Audio output A (Left)	Standard level : 0.5V rms Output impedance : Less than 1k ohm*
4	○	○	○	Ground (Audio)	
5	○	○	○	Ground (Blue)	
6	○	○	○	Audio input A (Left)	Standard level : 0.5V rms Output impedance : Less than 10k ohm*
7	○	●	●	Blue input	0.7 ± 3dB, 75 ohms, positive
8	○	○	○	Function select (AV control)	High state (9.5 - 12V) : Part mode Low state (0 - 2V) : TV mode Input impedance : More than 10k ohms Input capacitance : Less than 2nF
9	○	○	○	Ground (Green)	
10	○	○	○	Open	
11	○	●	●	Green	
12	○	○	○	Open	
13	○	○	○	Ground (Red)	
14	○	○	○	Ground (Blanking)	
15	○	—	—	Red input	0.7 ± 3dB, 75 ohms, positive
16	○	○	○	(S signal) croma input	0.7 ± 3dB, 75 ohms, positive
17	○	○	○	Blanking input (Ys signal)	High state (1 - 3V) Low state (0 - 0.4V) Input impedance : 75 ohms
18	○	○	○	Ground (Video output)	
19	○	○	○	Ground (Video input)	
20	○	○	○	Video output	1V ± 3dB, 75ohms, positive sync : 0.3V (-3 + 10dB)
21	○	○	○	Video input	1V ± 3dB, 75ohms, positive sync : 0.3V (-3 + 10dB)
	○	○	○	Video input Y (S signal)	1V ± 3dB, 75ohms, positive sync : 0.3V (-3 + 10dB)
	○	○	○	Common ground (plug, shield)	

○ Connected ● Not Connected (Open) * at 20Hz - 20kHz