

SERVICE MANUAL

CTV841/1452T/147TT

ALBA

BUSH

harvard

HiNARI

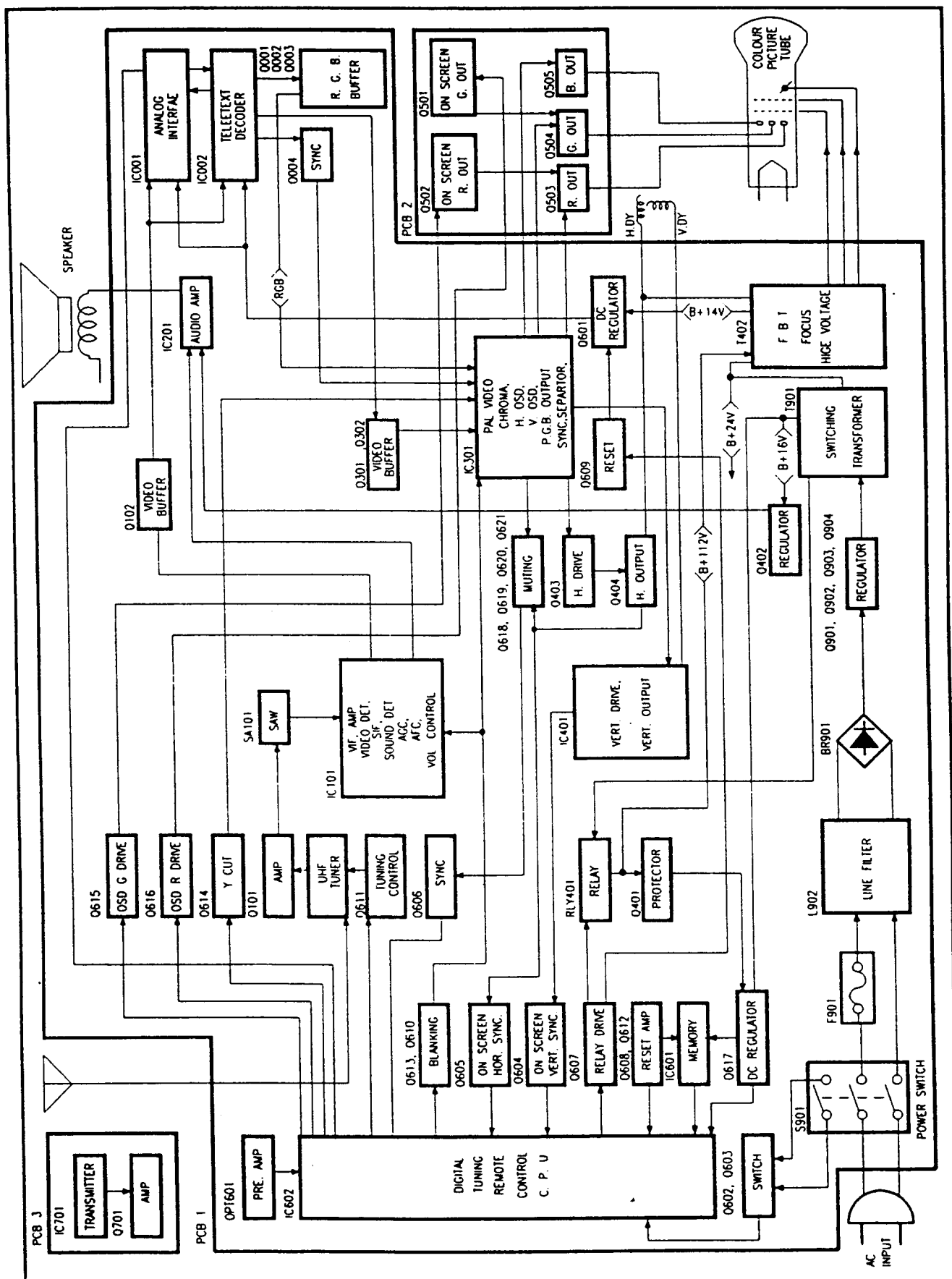
CONTENTS

SPECIFICATION	2
BLOCK DIAGRAM	3
CONTROL LOCATION	4
ALIGNMENT INSTRUCTION	5
TRANSISTOR AND IC IDENTIFY	11
PICTORIAL VIEW OF TUNER	11
COMPONENT DIAGRAM	12
SCHEMATIC DIAGRAM	15
WIRING DIAGRAM	16
EXPLODED VIEW DIAGRAM	17
PARTS LIST	18
REMOTE HANDSET UNIT	19

This manual is the latest at the time of printing, and does not include the modification which may be made after the printing, by the constant improvement of product.

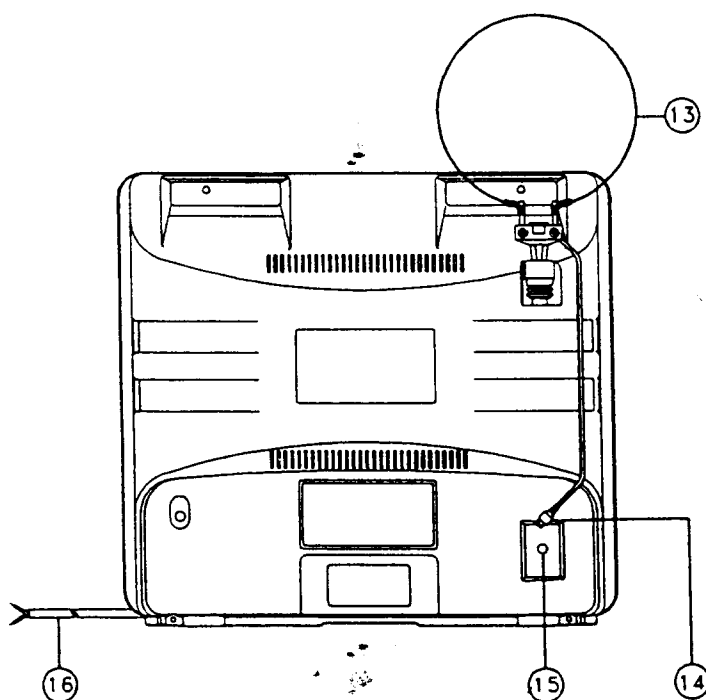
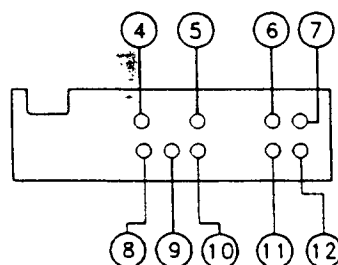
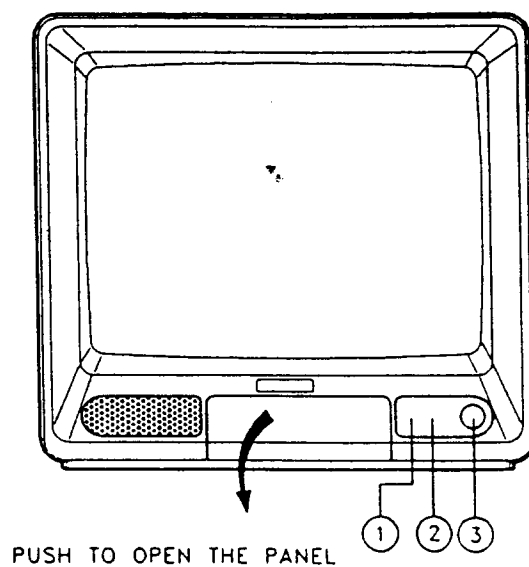
SPECIFICATION

SYSTEM	:	PAL-I	
DESTINATION	:	U.K.	
CHANNEL COVERAGE	UHF	:	21 - 69 CH
FREQUENCY RANGE	UHF	:	470 - 862 MHz
SCANNING	LINES	:	625 LINES
	HORIZONTAL	:	15625 Hz
	VERTICAL	:	50 Hz
IF FREQUENCY	VIDEO	:	39.5 MHz
	SOUND	:	33.5 MHz
	CHROMA	:	35.07 MHz
VISION/SOUND SEPARATION	:	6.0	MHz
SENSITIVITY	UHF	:	80 dBuV
OUTPUT POWER	MAXIMUM	:	900 mW
	10% THD	:	700 mW
C.R.T.	:	14" (36 cm) Diagonal, 22.5 mm Neck Diameter 90° Deflection angle	
SPEAKER	:	50 mm x 90 mm, 16 Ohm	
ANTENNA IMPEDANCE	:	75	Ohm
POWER CONSUMPTION	:	70	Watts



CONTROL LOCATION

1. Remote Sensor
2. Power Indicator
3. Power Switch (ON/OFF)
4. Auto Tune Button
5. Picture Selector Button
6. Volume/Picture Function Button (+)
7. Program Up Button
8. Tuning Down Button
9. Tuning Up Button
10. Memory Button
11. Volume/Picture Function Button (-)
12. Program Down Button
13. Loop Antenna
14. Loop Antenna Connector
15. Antenna Input (Tuner)
16. AC Power Cord



ALIGNMENT INSTRUCTION

I. PLEASE READ BEFORE ATTEMPTING SERVICE

1. Never disconnect any leads while receiver is in operation.
2. Disconnect all power before attempting any repairs.
3. Do not short any portion of the circuit while power is on.
4. For safety reasons, all parts replaced should be identical (for parts and part numbers see parts list).
5. Before alignment the set must be pre-heated for 30 minutes or more and erase magnetism thoroughly from CRT front chassis frame by erase coil.

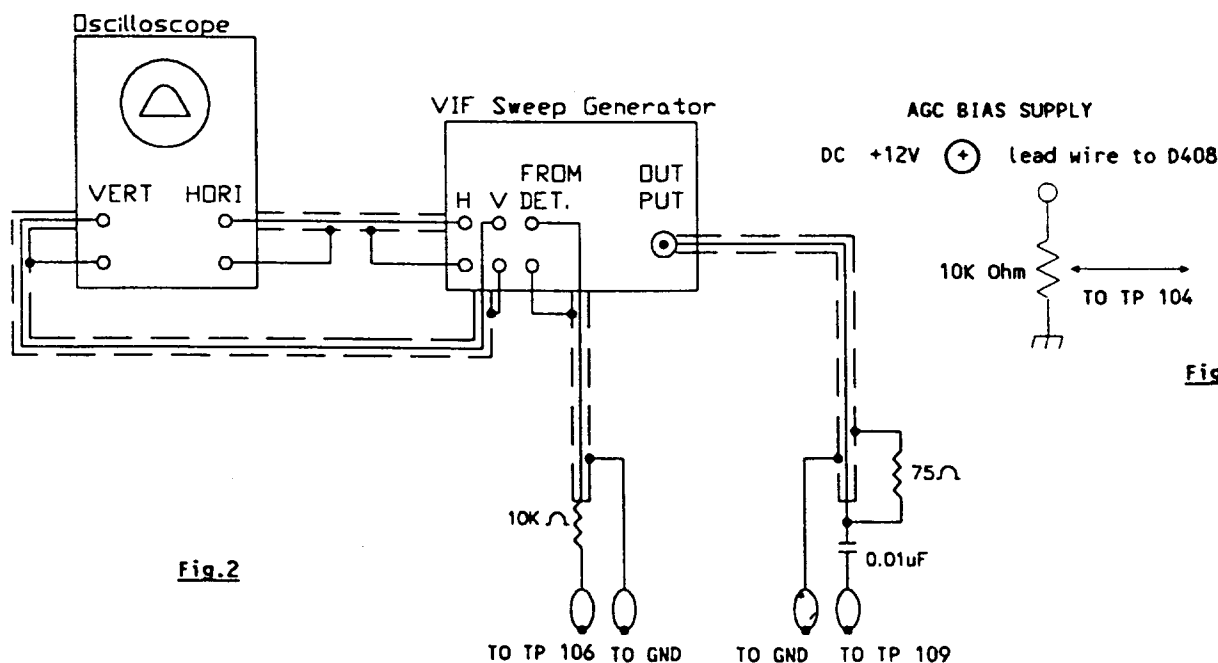
II. TEST EQUIPMENT

- | | |
|---|--|
| 1. VIF Sweep Generator | 8. High Voltage Meter |
| 2. SIF Sweep Generator | 9. Ampere Meter (0.5 Class, DC 3mA Max.) |
| 3. Colour Bar/Dot/Cross Hatch Generator | 10. Demagnetizing Coil |
| 4. DC Power Supply (14V) | 11. Philips Pattern Generator |
| 5. Oscilloscope | 12. Frequency Counter |
| 6. Vacuum Tube Voltmeter | 13. Continuous Waveform Generator |
| 7. Voltage Meter | |

III. TANK COIL ALIGNMENT

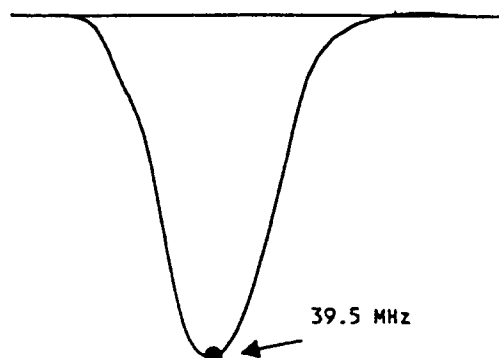
A. PREPARATION STEP (SEE FIG.2)

1. Connect OUTPUT lead of VIF Sweep Generator between TP 109 (SA 101 Pin 5) and GND.
2. Connect lead of FROM DET between TP 106 and GND.
3. Supply DC +14V to (+) lead of D408.
4. Apply a +5.2V DC dummy AGC bias voltage to TP 104.



B. ALIGNMENT STEP (SEE FIG.3)

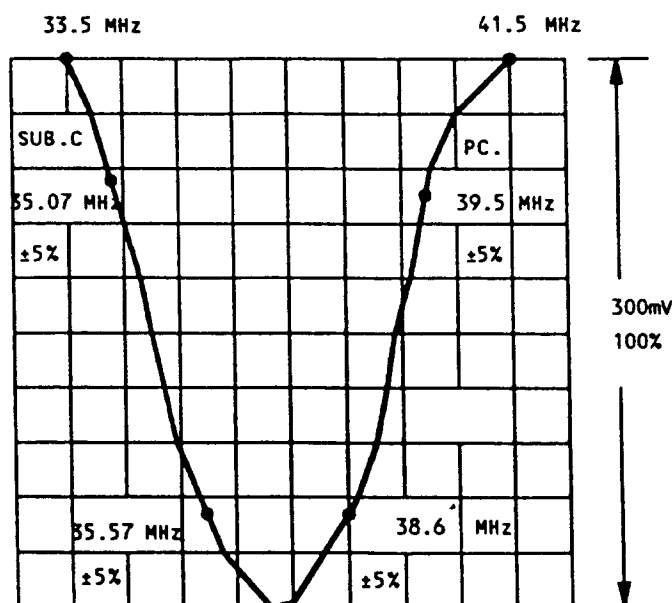
1. Set output level to 6Vp-p.
2. Adjust T105 to obtain maximum amplitude of response cause at 39.5 MHz as in Fig.3.

Fig.3**IV. VIF ALIGNMENT****A. PREPARATION STEP (SEE FIG.2)**

1. Connect output lead of VIF Sweep Generator between tuner test point TP and tuner case.
2. Connect resistor (100 Ohm) between TP 101 and TP 102.
3. Connect lead of FROM DET between TP 106 and GND.
4. Supply DC +14V to (+) lead of D408.
5. Supply RF AGC bias voltage to TP 104. (See Fig.1)

B. ALIGNMENT STEP

1. Adjust AGC bias voltage for maximum amplitude of waveform.
2. Adjust the level of Sweep Generator to achieve 300mV output.
3. Increase the output level of Sweep Generator in 20 dB.
4. Adjust AGC bias voltage to achieve 300mV output (on Oscilloscope).
5. Adjust tuner converter coil to obtain the waveform as in Fig.4.

Fig.4

V. AFC ALIGNMENT

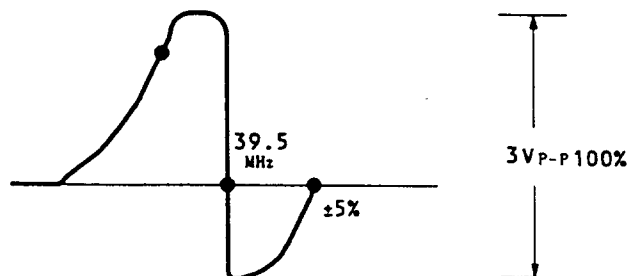
A. PREPARATION STEP

1. Connect RF AGC 5.2V bias voltage at TP 104.
2. Remove the damping resistor (100 Ohm) at TP 101, TP 102.
3. Connect output lead of Sweep Generator to tuner point TP & tuner case. (70 dB)
4. Increase the output level of Sweep Generator in 10 dB.
5. Connect lead of FROM DET between TP 107 and GND.
6. Supply DC +14V to (+) lead of D408.

B. ALIGNMENT STEP

1. Adjust the AGC bias to achieve 3Vp-p output.
2. Adjust T106 so that picture carrier 39.5 MHz is centered as in Fig.5

Fig.5

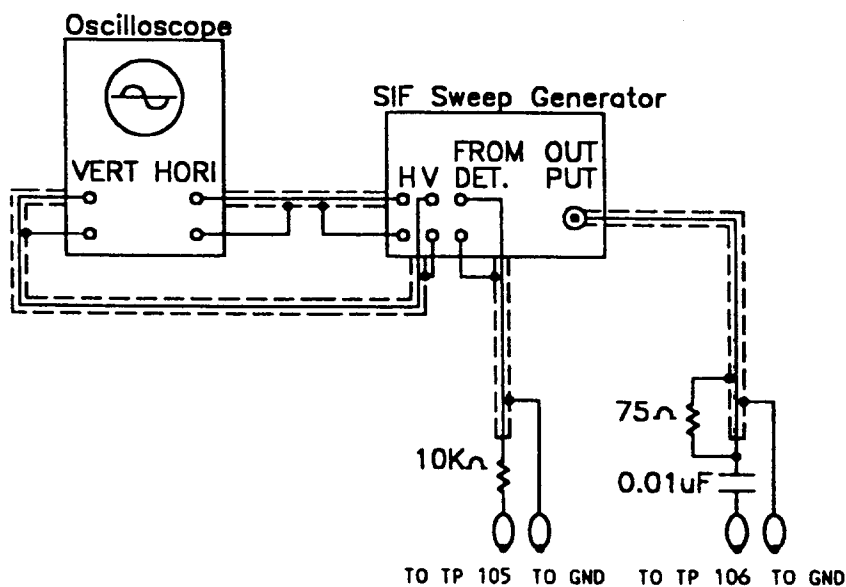


VI. SIF ALIGNMENT

A. PREPARATION STEP (SEE FIG.6)

1. Connect output lead of SIF Sweep Generator between TP 106 and GND.
2. Connect lead of FROM DET between TP 105 and GND.
3. Supply DC +14V to (+) lead of D408

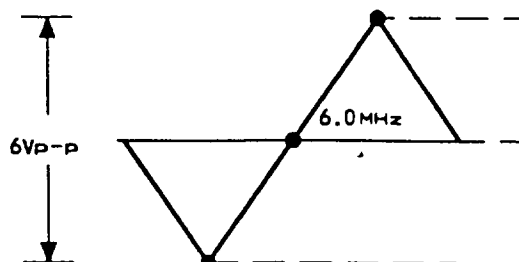
Fig.6



B. ALIGNMENT STEP

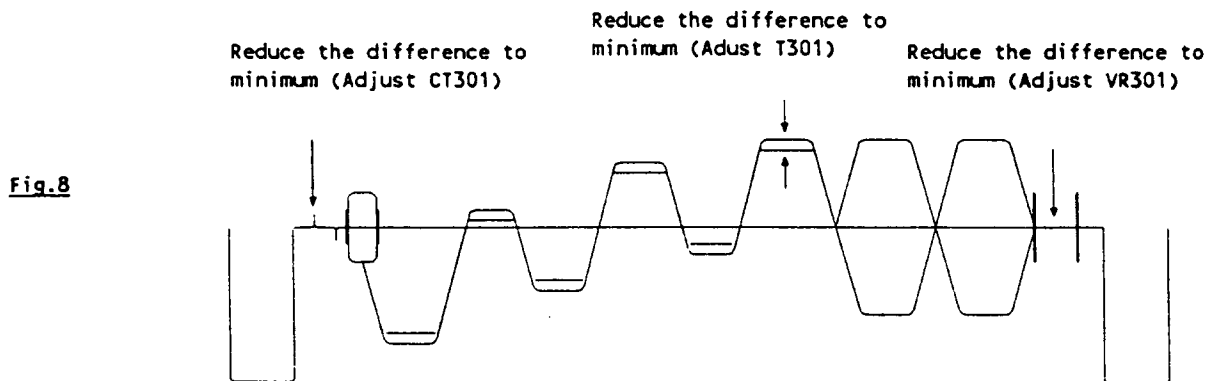
1. Adjust output of Sweep Generator to achieve 6Vp-p between markers of 100 KHz.
2. Adjust T104 so that sound carrier is centered as in Fig.7.

Fig.7



VII. COLOUR DEMODULATOR ALIGNMENT, DELAY LINE ALIGNMENT

1. Receive PHILIPS Pattern.
2. Set Contrast control to minimum position.
3. Set Colour control to maximum position.
4. Connect Oscilloscope to TP 301 (B-out).
5. Adjust CT301 to obtain the waveform as in Fig.8.
6. Adjust VR301 to obtain the waveform as in Fig.8.
7. Adjust T301 to obtain the waveform as in Fig.8.



VIII. B+ ADJUSTMENT

1. Connect the digital voltmeter to TP 401.
2. Adjust semi-fixed resistor VR901 until meter reading DC 112.25V $\pm$ 0.25V.

IX. HORIZONTAL CIRCUIT ADJUSTMENT

1. Receive Monoscope Pattern input signal 80 dBuV.
2. IC301 (PIN 28,29) short by 1K Ohm resistor.
3. Adjust VR303 to obtain the picture running at center.
4. Remove the 1K Ohm resistor.

X. VERTICAL CIRCUIT ADJUSTMENT

1. Receive the Monoscope Pattern.
2. Connect the Frequency Counter between V-DEFLECTION YORK and GROUND.
3. Connect the lead wire from TP 106 TO GND.
4. Adjust V-HOLD (VR304) to the reading 44 Hz.
5. Remove the lead wire from TP 106 TO GND.
6. Adjust V-SIZE (VR401) control to obtain a normal picture.

XI. WHITE BALANCE ADJUSTMENT

1. Receive a black and white picture signal.
2. Turn the red, green and blue LOW-LIGHT (VR501, VR502, VR504) controls to middle position and turn the DRIVE (VR503, VR505) controls to middle position.
3. Turn the Screen control on the FBT to minimum position.
4. Set the Sub-Brightness (VR305) control to middle position, then set the Contrast control and Brightness control, Colour control to minimum position.
5. CN 403 (PIN 1,2) with Join together.
6. Connect volt meter between (R508) and ground, and adjust Brightness control to the reading of DC 130V ($\pm 2V$). If DC 130V cannot be obtain, adjust the Sub-Brightness control (VR305).
7. Slowly turn the Screen control clockwise to the point where a horizontal line just illuminates.
8. Adjust VR501 to get a red horizontal line on CRT.
9. Adjust VR502 to get a yellow horizontal line on CRT.
10. Adjust VR504 to get a white horizontal line on CRT.
11. Take the joiner out of CN 403.
12. Adjust DRIVE (VR503, VR505) controls to obtain a uniform white picture.

XII. FOCUS ADJUSTMENT

1. Set Contrast control to maximum position and Brightness control to middle position.
2. Adjust Focus control (on the FBT) to obtain a sharpest and picture on the CRT.

XIII. RF AGC

1. Receive the signal of BAND-II (VHF HIGH) channel and set the AFC switch to 'ON' position.
2. Set the input field strength to $62 \pm 3\text{dB}$.
3. Adjust RF AGC (VR101) control to the point where noise is disappeared.

XIV. SUB-BRIGHTNESS ALIGNMENT

1. Receive the Monoscope Pattern.
2. Set controls as follows :

BRIGHTNESS control		MID. position
CONTRAST control		MID. position
COLOUR control		MID. position
3. Adjust SUB-BRIGHTNESS (VR305) control to get the nine step of the GREY SCALE in the Monoscope Pattern.

XV. COLOUR PURITY ADJUSTMENT (SEE FIG.9)

BEFORE ALL ADJUSTMENTS DESCRIBED BELOW ARE ATTEMPTED, V-HOLD, H-HOLD, V-HIGH, B+ VOLTAGE AND FOCUSING ADJUSTMENTS MUST BE COMPLETED.

1. Place the TV receiver facing NORTH or SOUTH.
2. Plug in TV receiver and turn in on.
3. Operate the TV receiver over 30 minutes.
4. Fully degauss the TV receiver by using an external degaussing coil.
5. Receive a crosshatch pattern and adjust the static convergence control roughly.
6. Loosen the clamp screw of the deflection yoke and pull the deflection yoke towards you.
7. Fully turn the red and blue Drive (VR503, VR505) controls counter-clockwise.
8. Adjust the purity magnets so that green field is obtained at the center of the screen.
9. Slowly push the deflection yoke towards bell of CRT and set it where a uniform green field is obtained.
10. Tighten the clamp screw of the deflection yoke.

XVI. ON SCREEN ADJUSTMENT

1. Receive the Monoscope Pattern.
2. Adjust on SCREEN (VR601) for adjust the lettering to center of CRT.

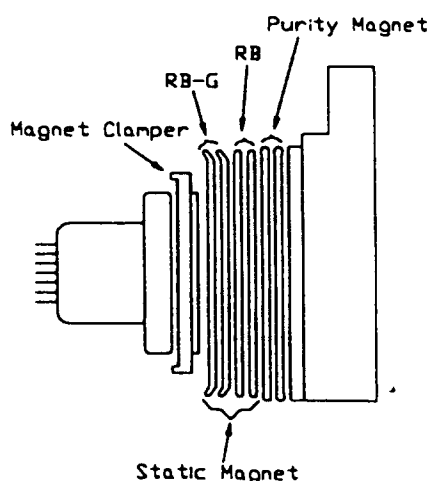
XVII. TELETEXT PICTURE ALIGNMENT

1. Receive a pattern with teletext signal.
2. Select a teletext page.
3. Connect D.C. voltage meter to TP 303 (IC001 PIN28) and GND.
4. Adjust T001 to obtain $0.6V \pm 0.05V$.

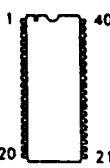
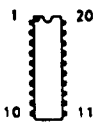
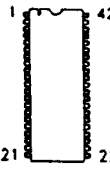
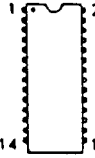
XVIII. CONVERGENCE ADJUSTMENT (SEE FIG.9)

1. Receive a dotted pattern.
2. Unfix the convergence magnet clamber and align red with blue dots at the center of the screen by rotating (R,B) static convergence magnets.
3. Align Red/Blue with green dots at the center of the screen by rotating (RB-G) static convergence magnet.
4. Fix the convergence magnets by turning the clamber.
5. Remove the DY wedges and slightly tilt the deflection yoke horizontally and vertically to obtain the good overall convergence.
6. Fix the deflection yoke by wedges.
7. If purity error is found, follow "PURITY ADJUSTMENT" instructions.

Fig.9



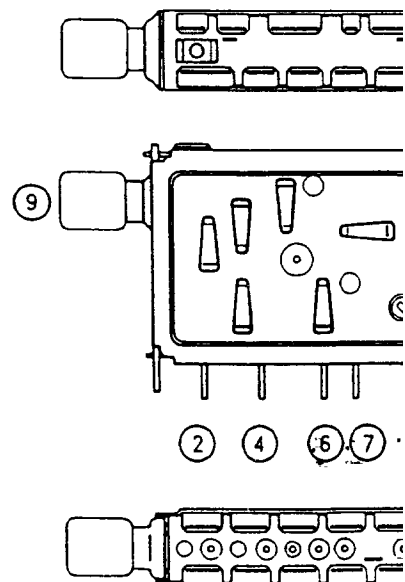
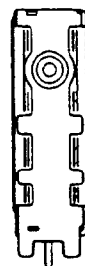
TRANSISTOR AND IC IDENTIFY

	2SD400F	 TOP VIEW	TMS73C47	 TOP VIEW	CF72306
	2SC2482				
			AN5601K		CF70095
	2SB774T 2SA1015 2SC388A 2SC1815Y	 TOP VIEW		 TOP VIEW	

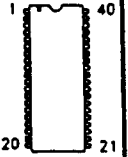
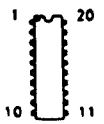
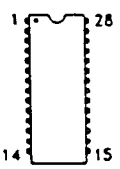
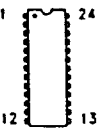
PICTORIAL VIEW OF TUNER

TERMINAL NO.	1	2	3	4	5	6	7	8	9
TERMINAL NAME	BU	VT	BH	AGC	BL	AFT	BM	IF	V/U ANT

SUPPLY VOLTAGE (V)		
TERM.	ch.	UHF
7	BM	12
5	BL	OPEN
3	BH	OPEN
1	BU	OPEN



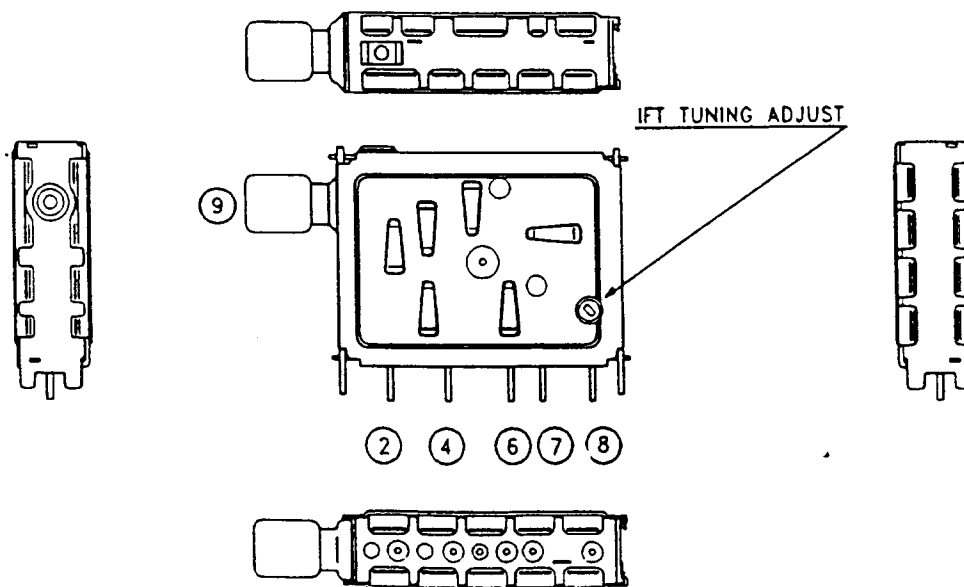
ISTOR AND IC IDENTIFY

2SD400F		TMS73C47		CF72306		TBA820M XL93LC46		2SD1554 2SD1545
2SC2482	TOP VIEW		TOP VIEW		TOP VIEW			
2SB774T 2SA1015 2SC388A 2SC1815Y		AN5601K		CF70095		TA8701N		LA7830
	TOP VIEW		TOP VIEW		TOP VIEW			

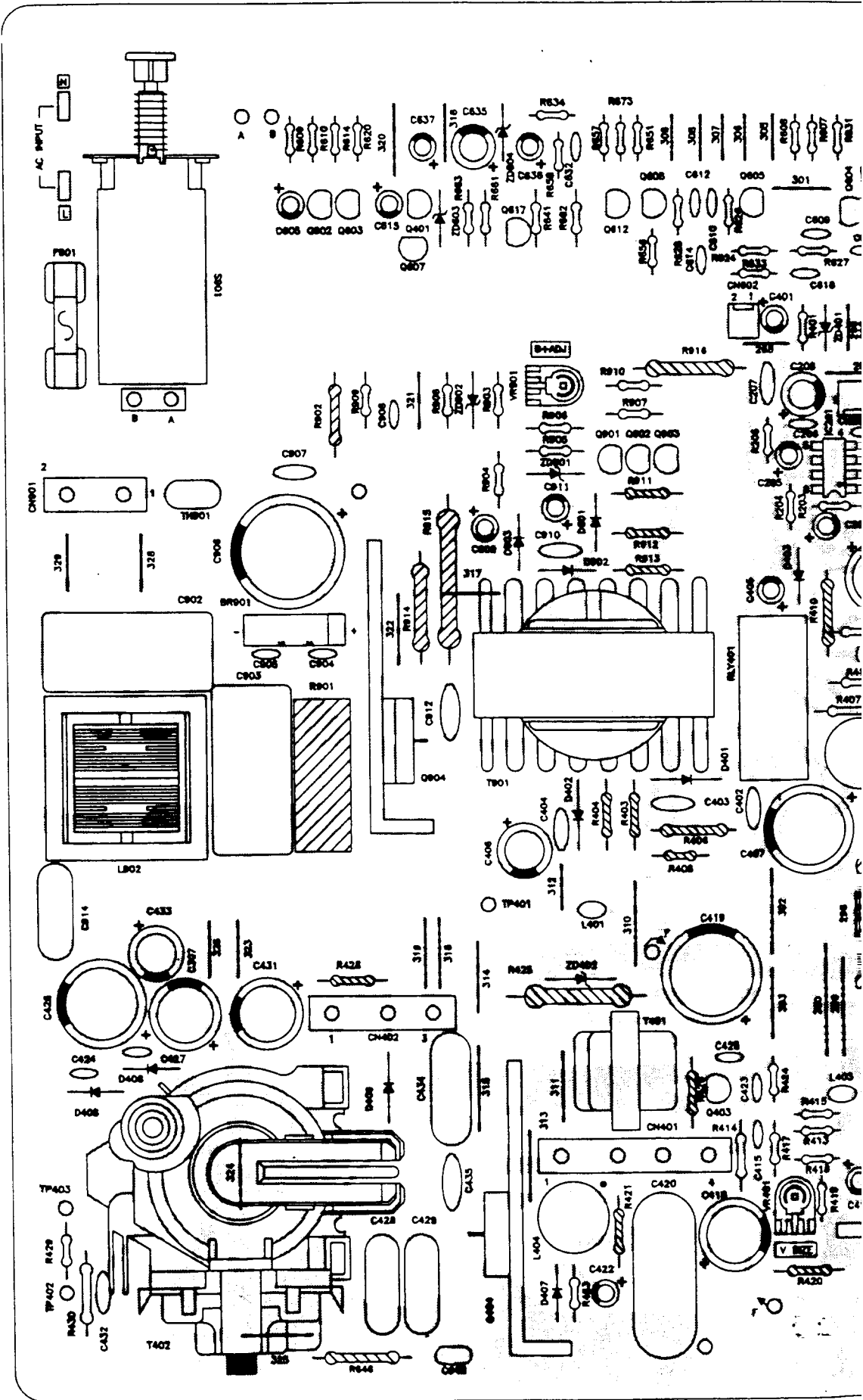
IAL VIEW OF TUNER

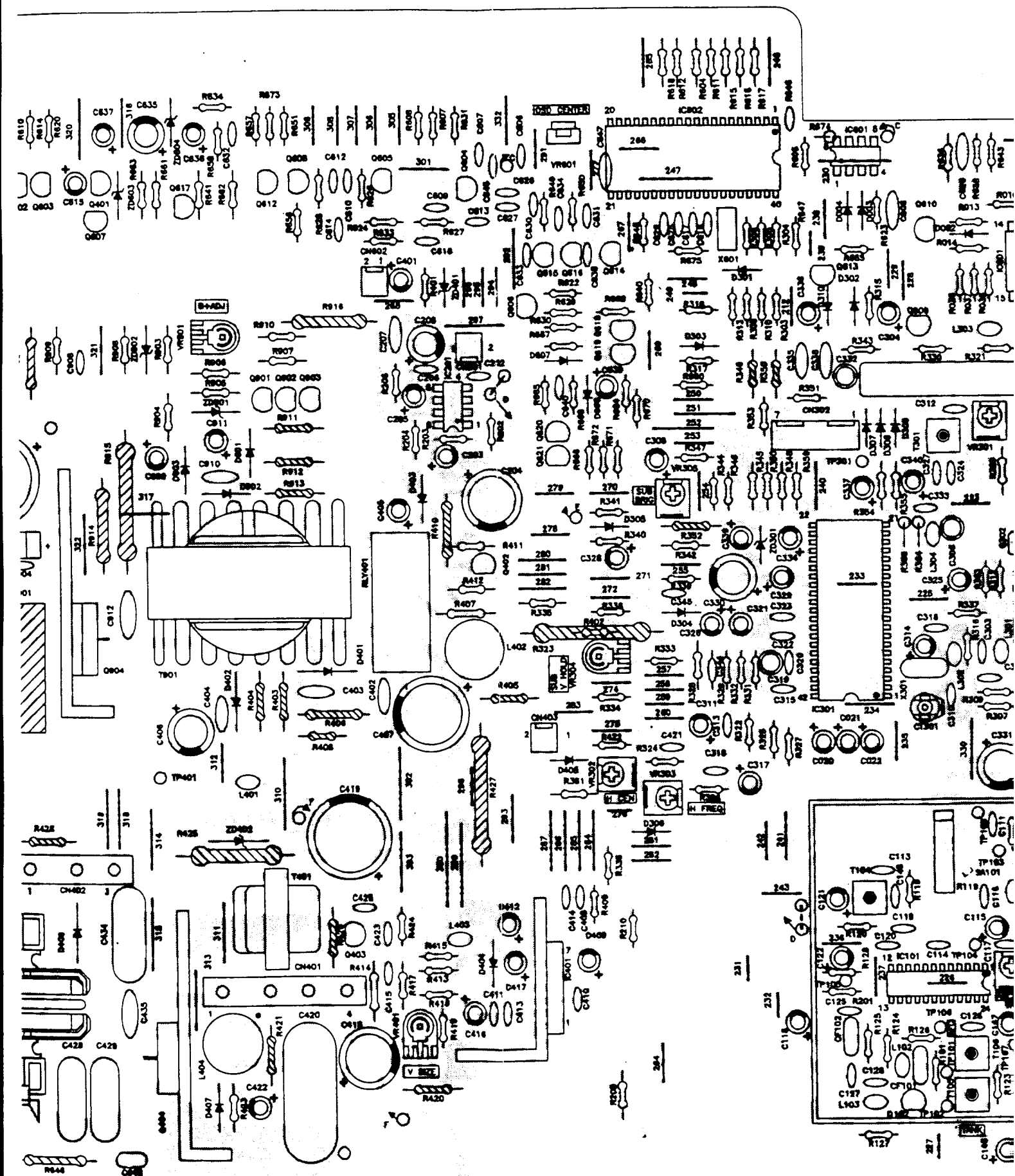
AL NO.	1	2	3	4	5	6	7	8	9
AL NAME	BU	VT	BH	AGC	BL	AFT	BM	IF	V/U ANT

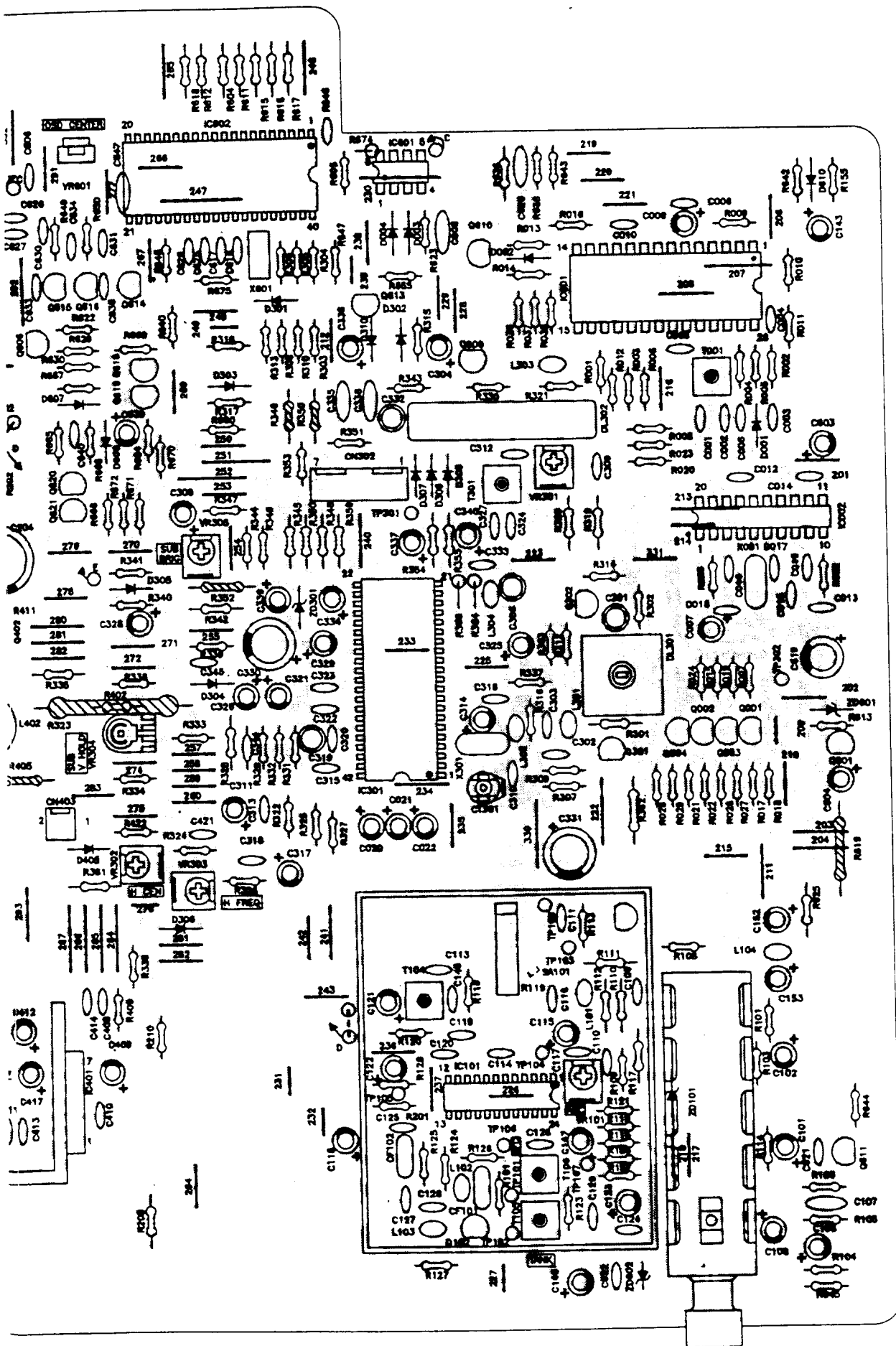
PLY VOLTAGE (V)	
ch.	UHF
BM	12
BL	OPEN
BH	OPEN
BU	OPEN

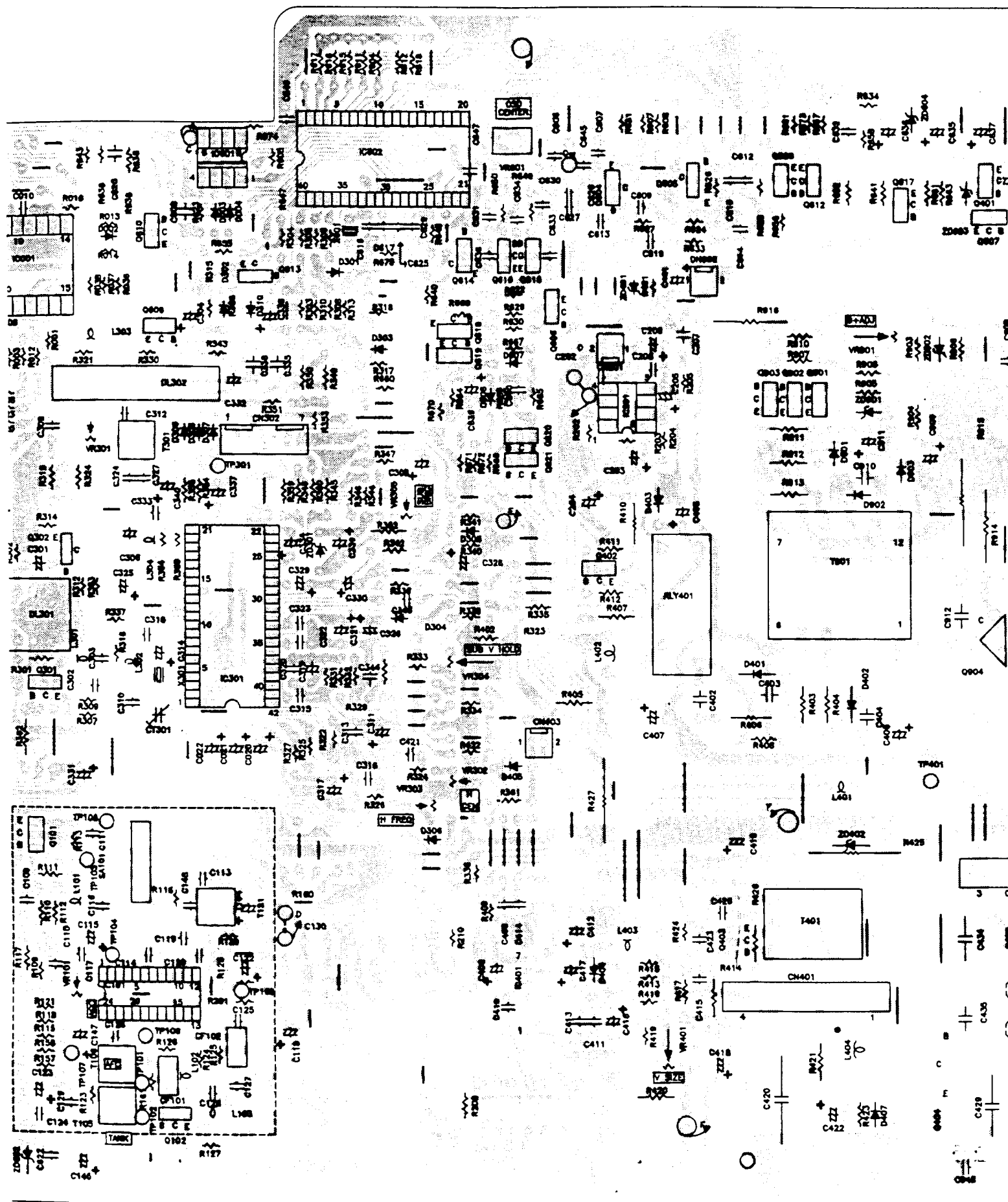


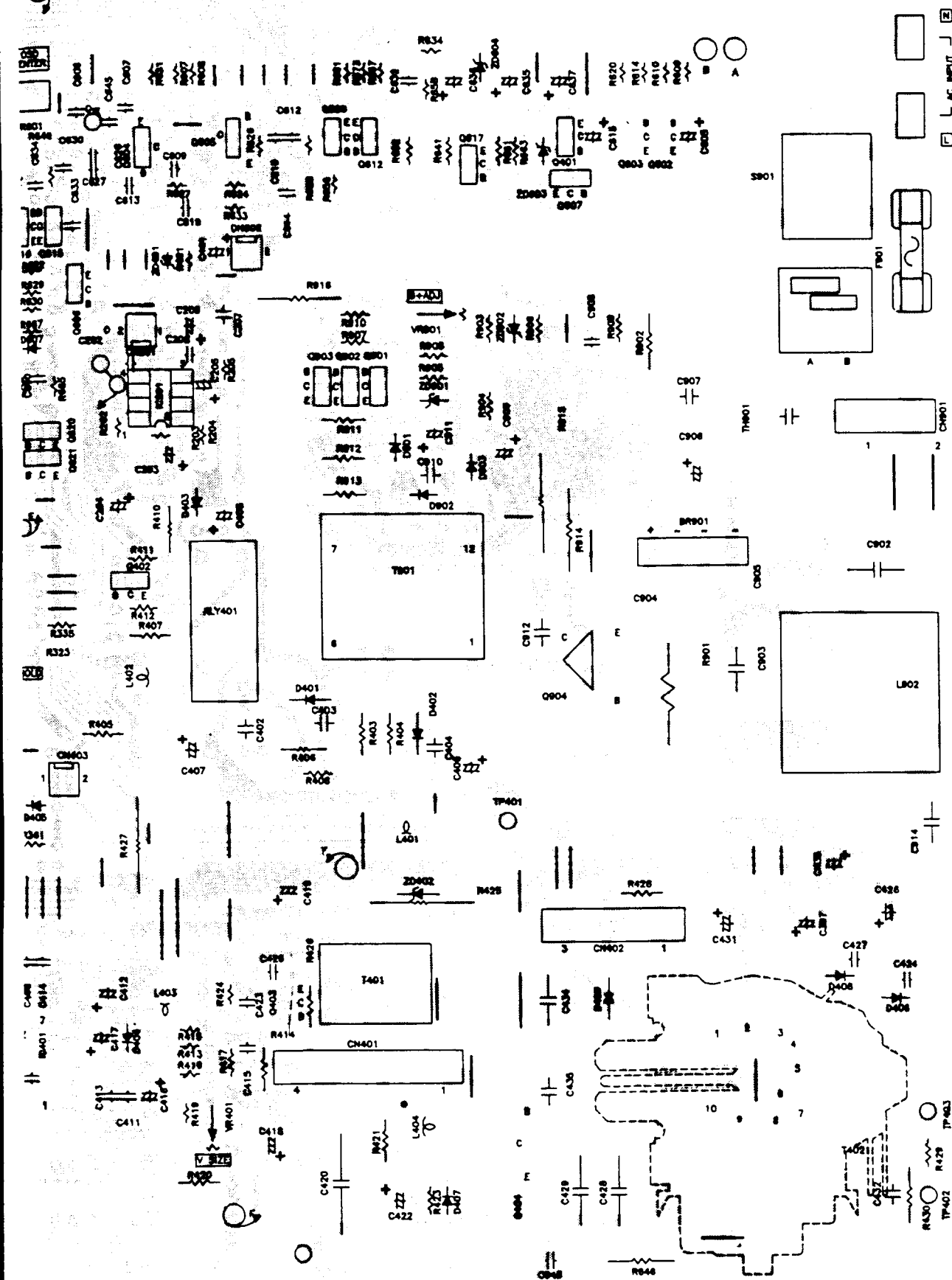
COMPONENT DIAGRAM OF MAIN BOARD (TOP VIEW)





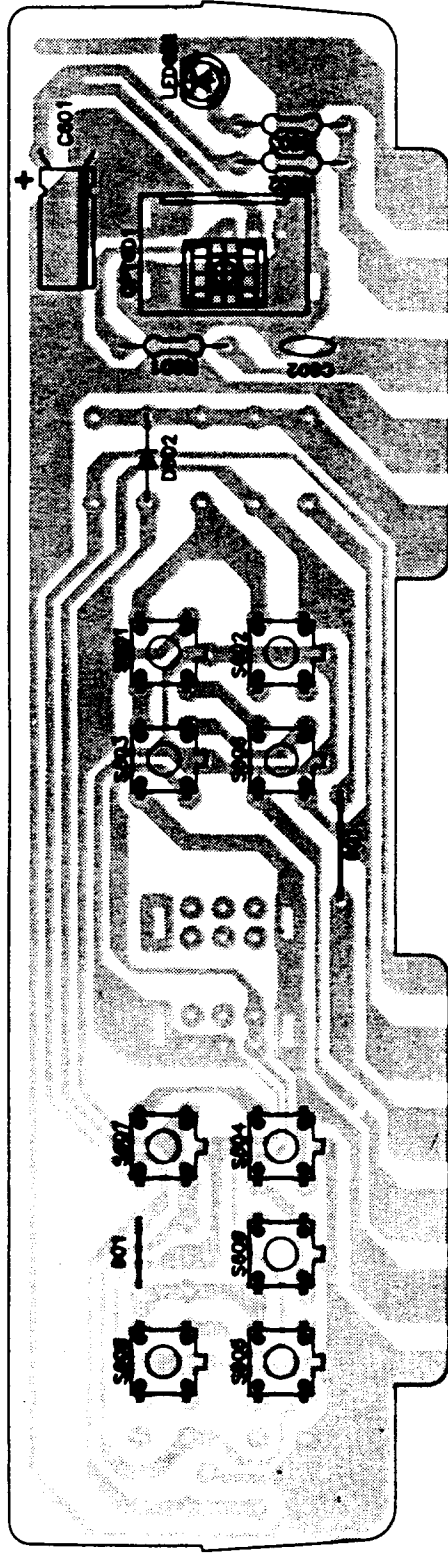




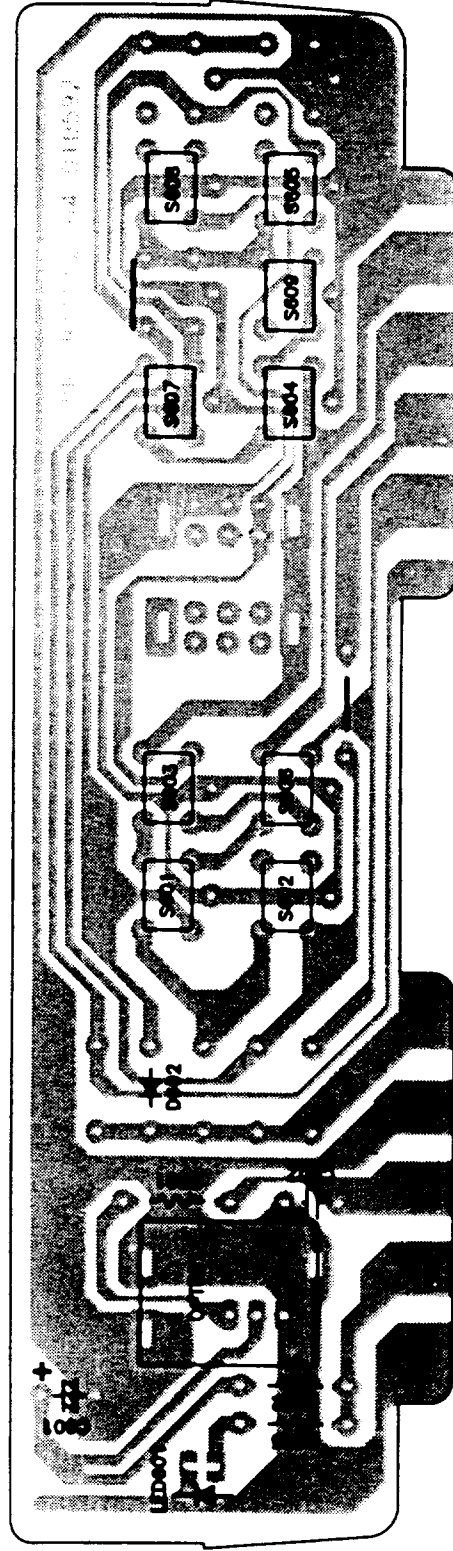


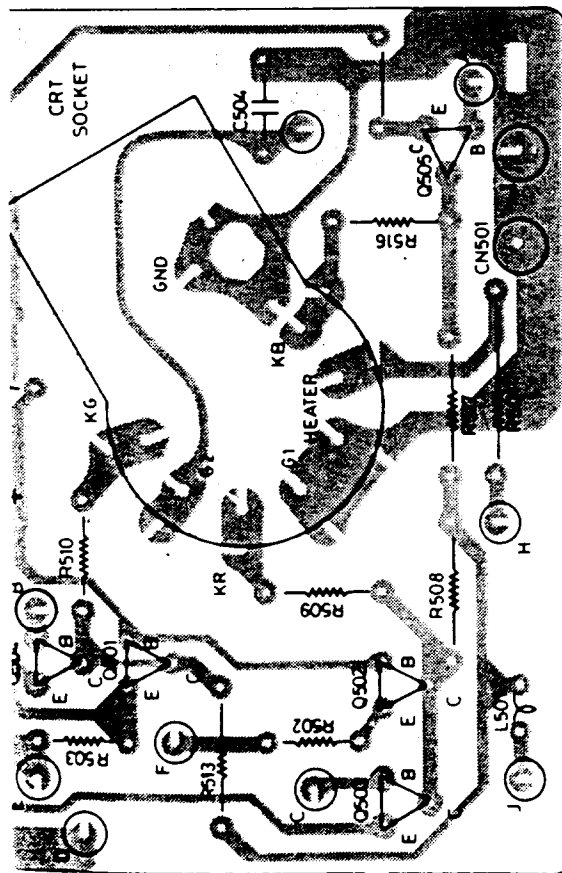
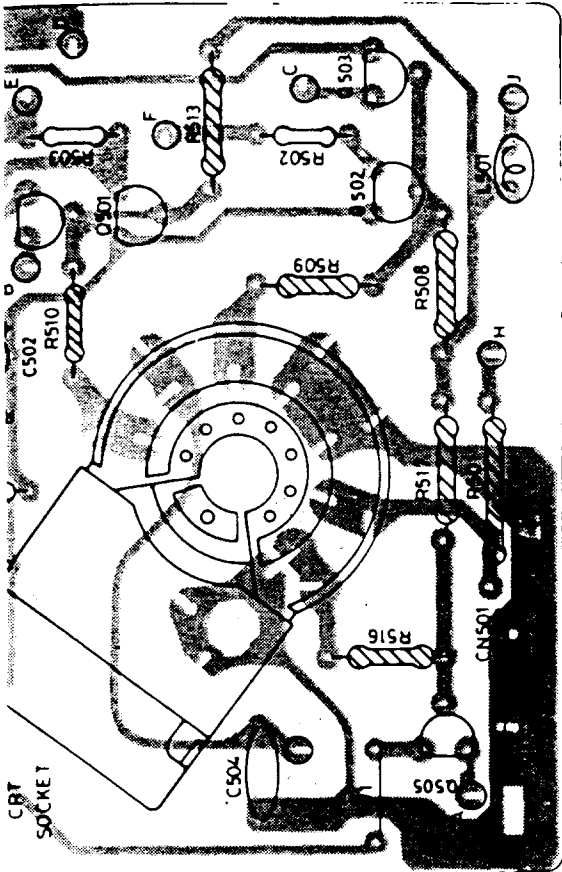
FUNCTION BOARD

(TOP VIEW)



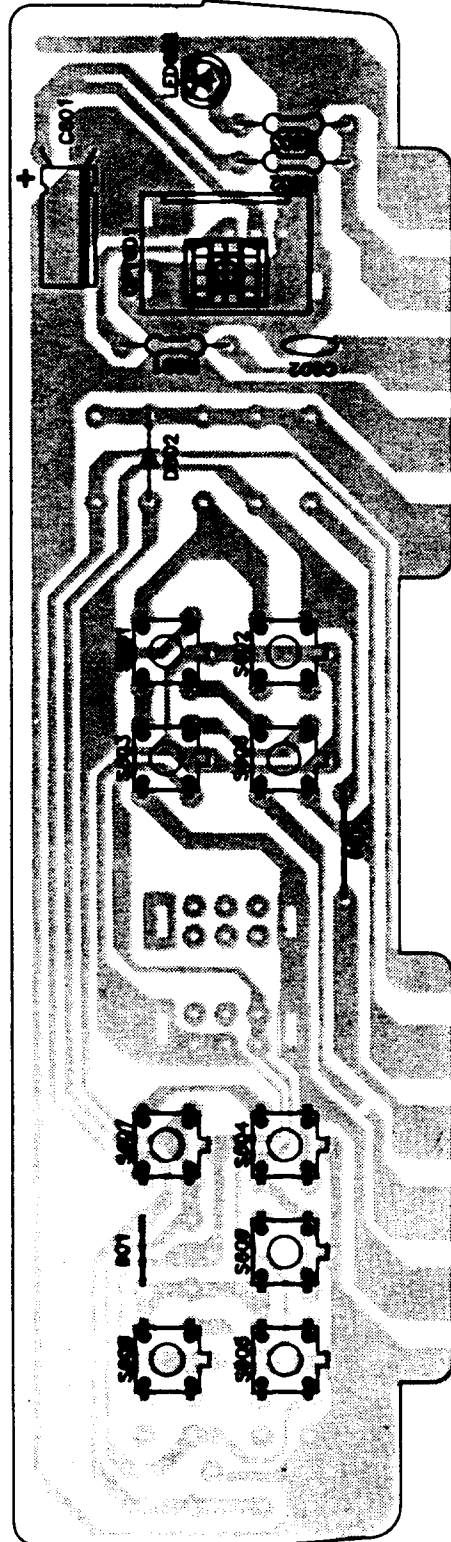
(BOTTOM VIEW)





FUNCTION BOARD

(TOP VIEW)



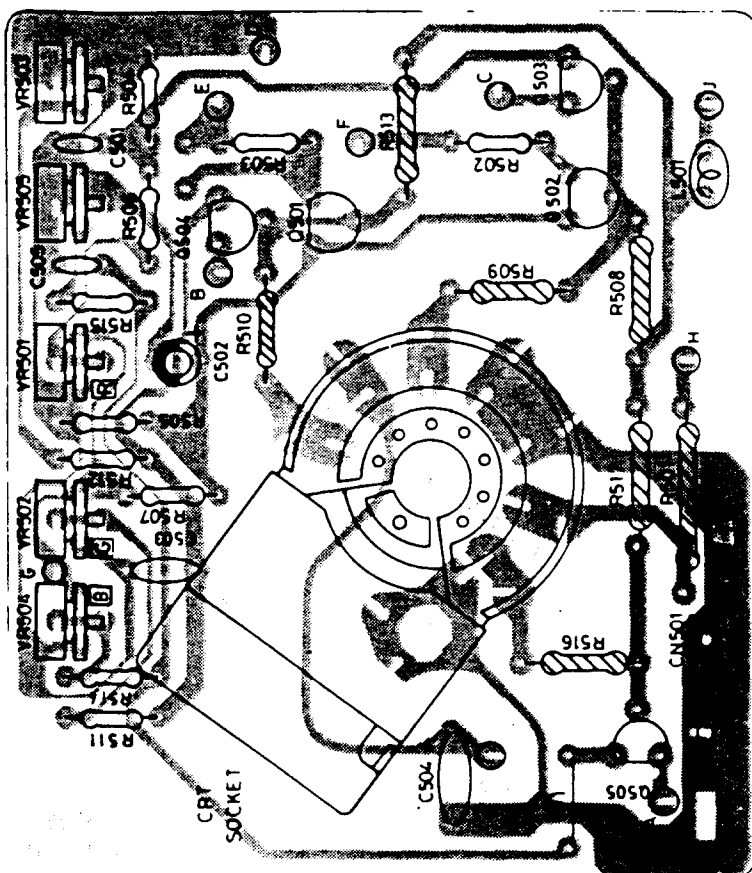
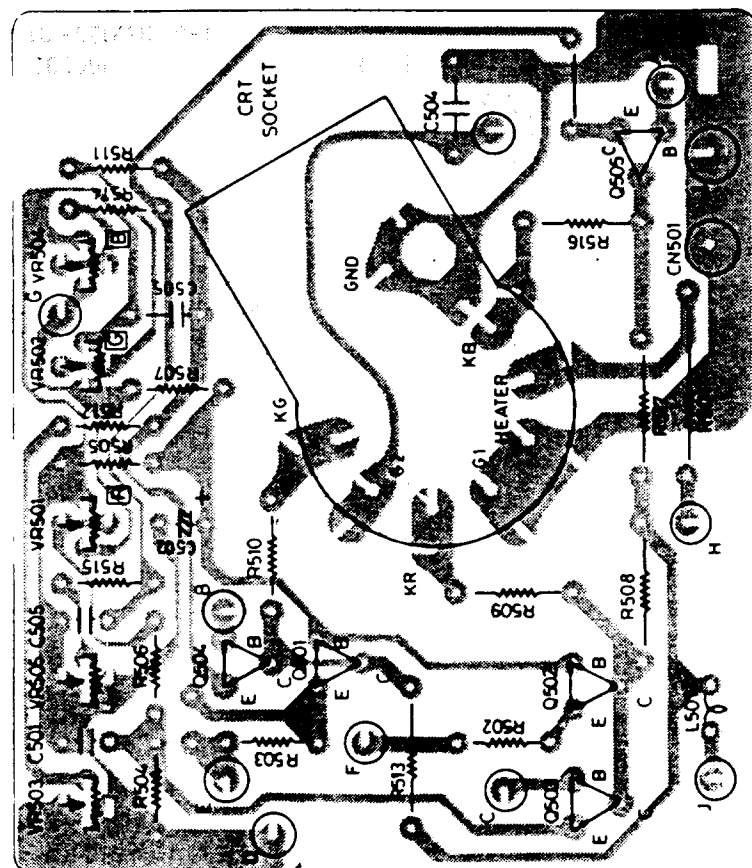
(BOTTOM VIEW)

COMPONENT DIAGRAM

CRT BOARD

(BOTTOM VIEW)

(TOP VIEW)

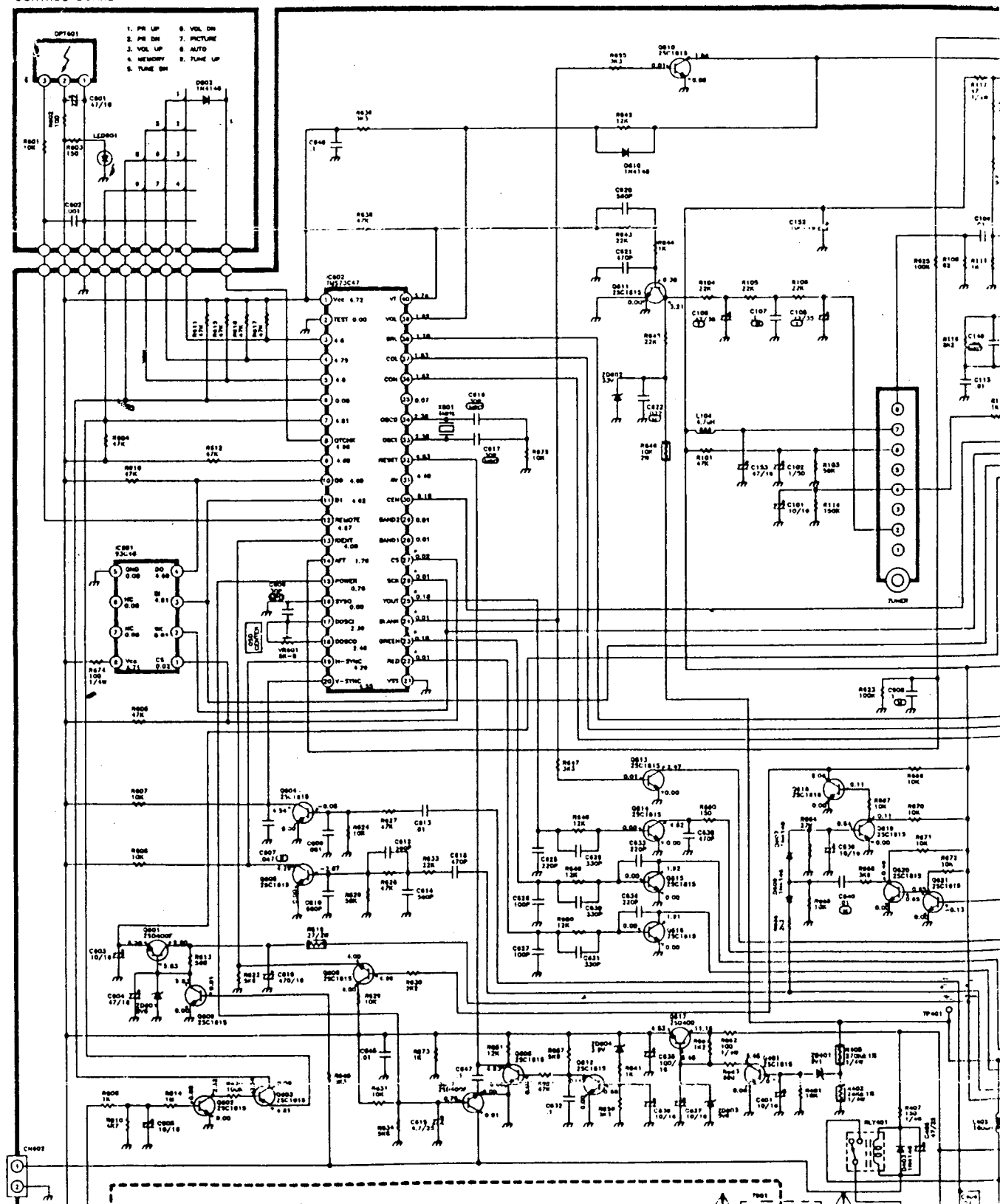


THE QUALITY OF
THIS PAGE IS
THE BEST THAT
IS AVAILABLE

SCHEMATIC DIAGRAM FOR PAL-I SYSTEM

CONTROL BOARD

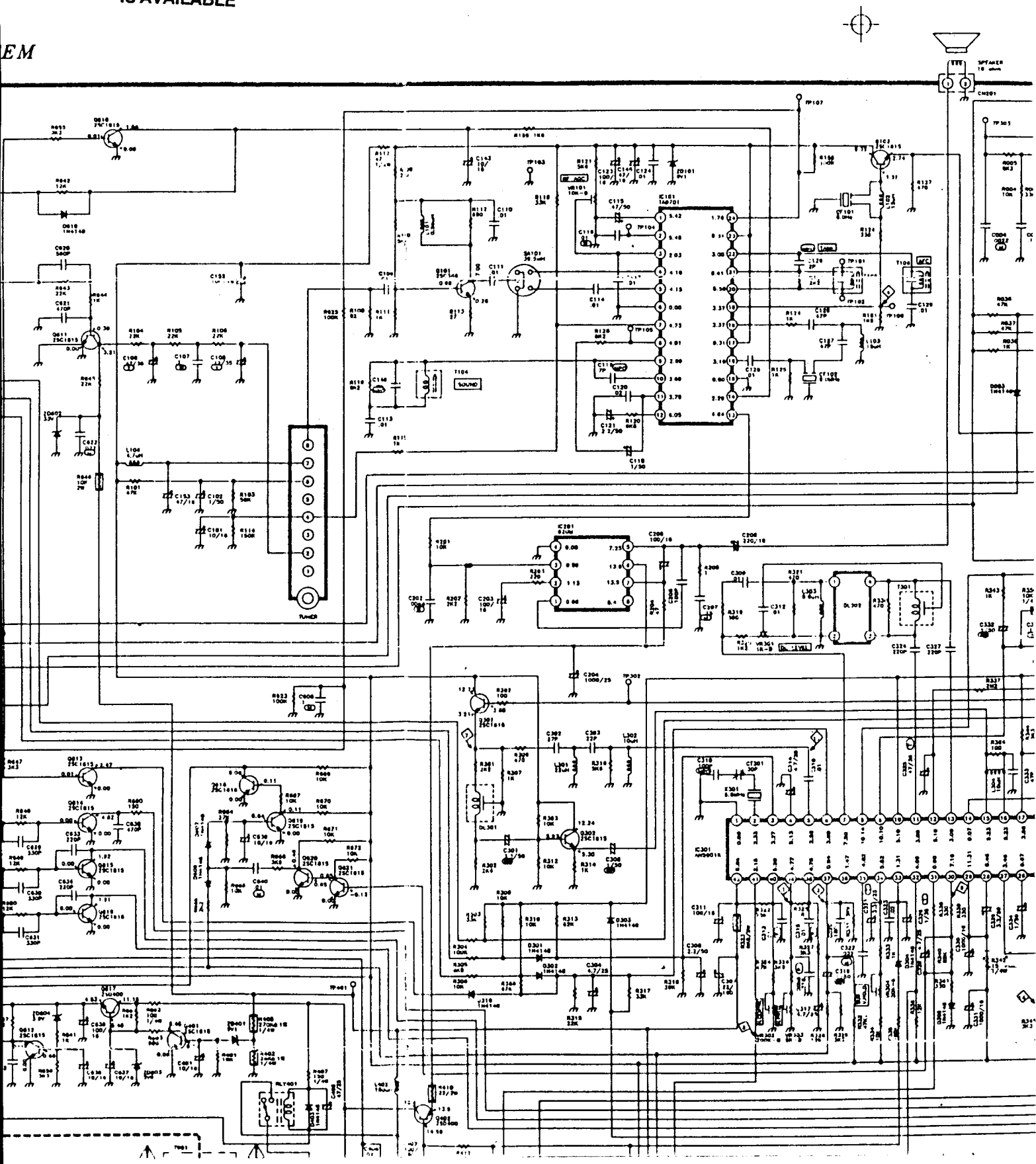
MAIN BOARD



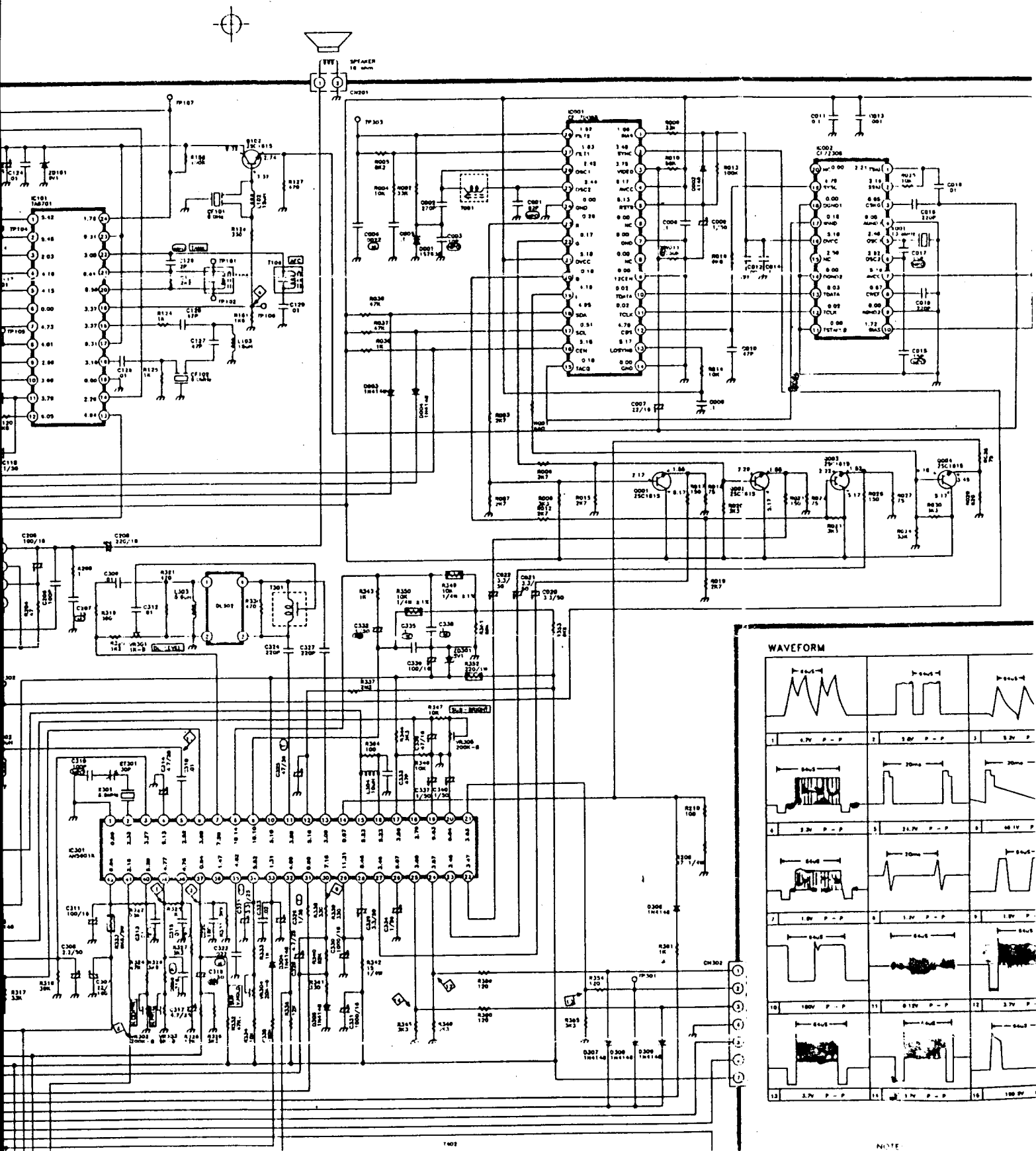
THE QUALITY OF
THIS PAGE IS
THE BEST THAT
IS AVAILABLE

THIS IS THE
THAT IS AVA

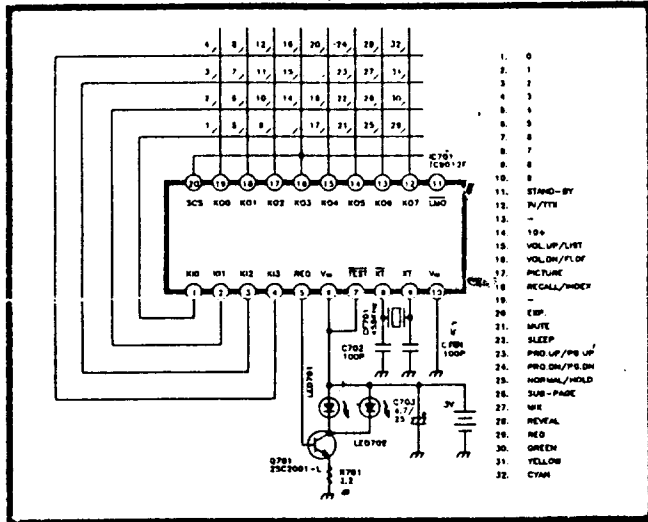
EM



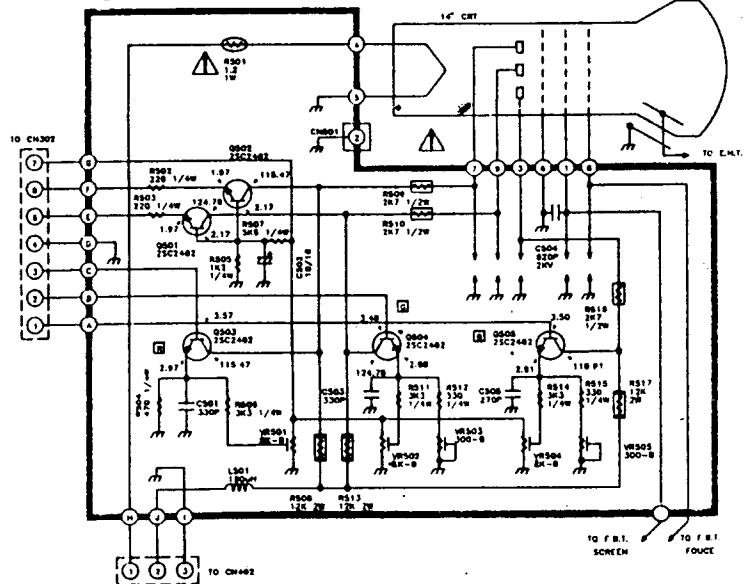
THIS IS THE BEST COPY
THAT IS AVAILABLE



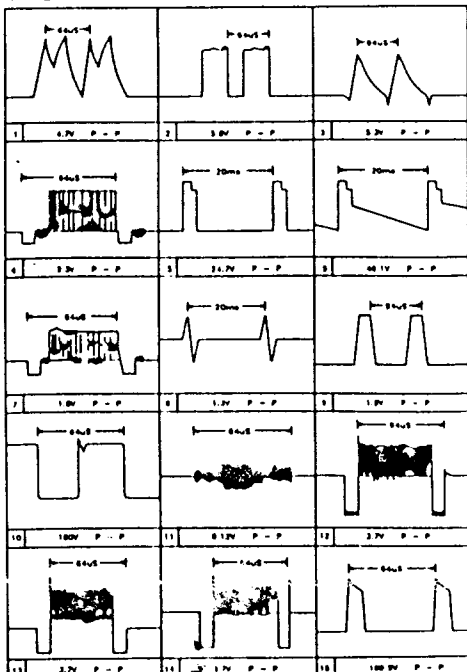
HANDSET BOARD



CRT BOARD

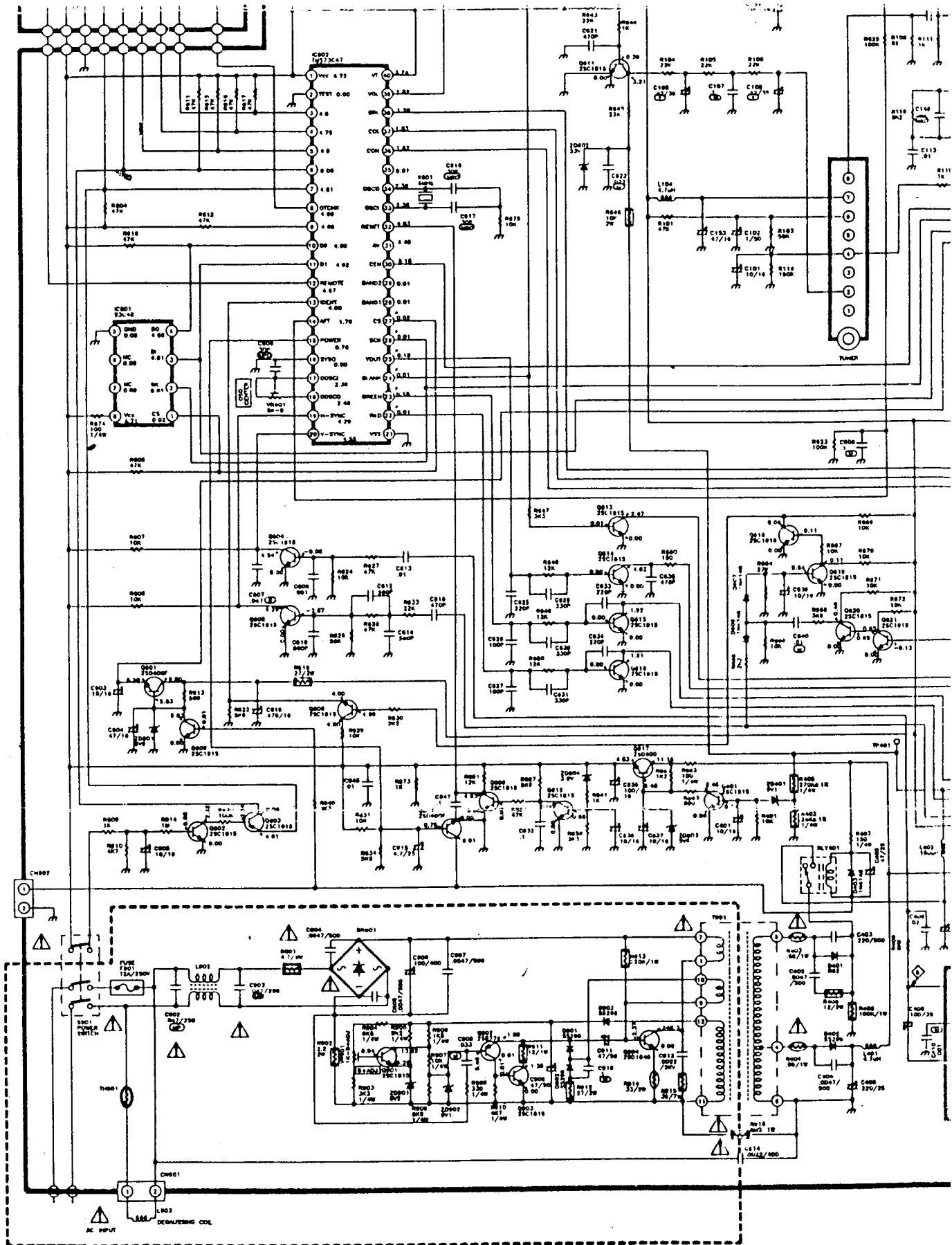


WAVEFORM

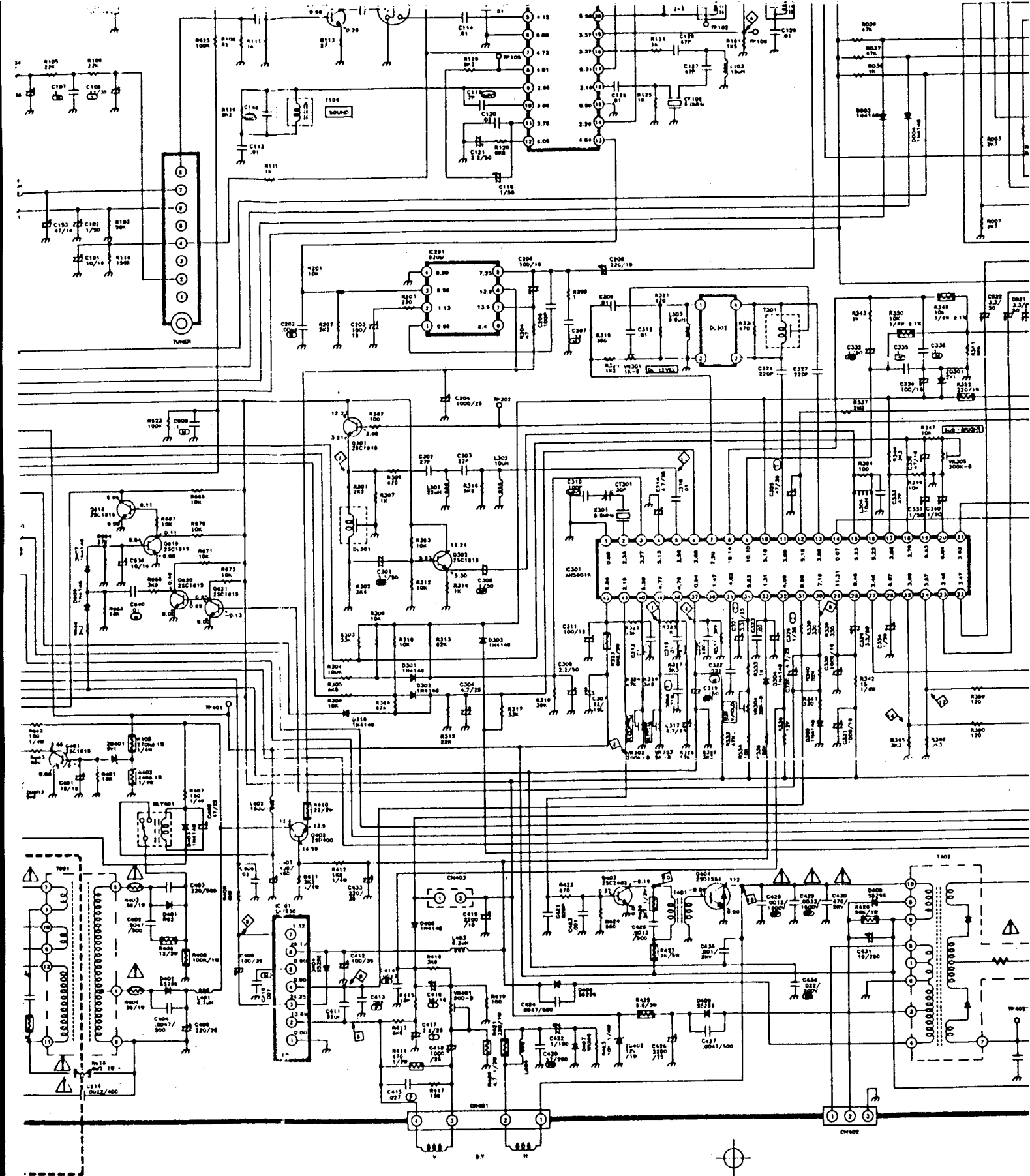


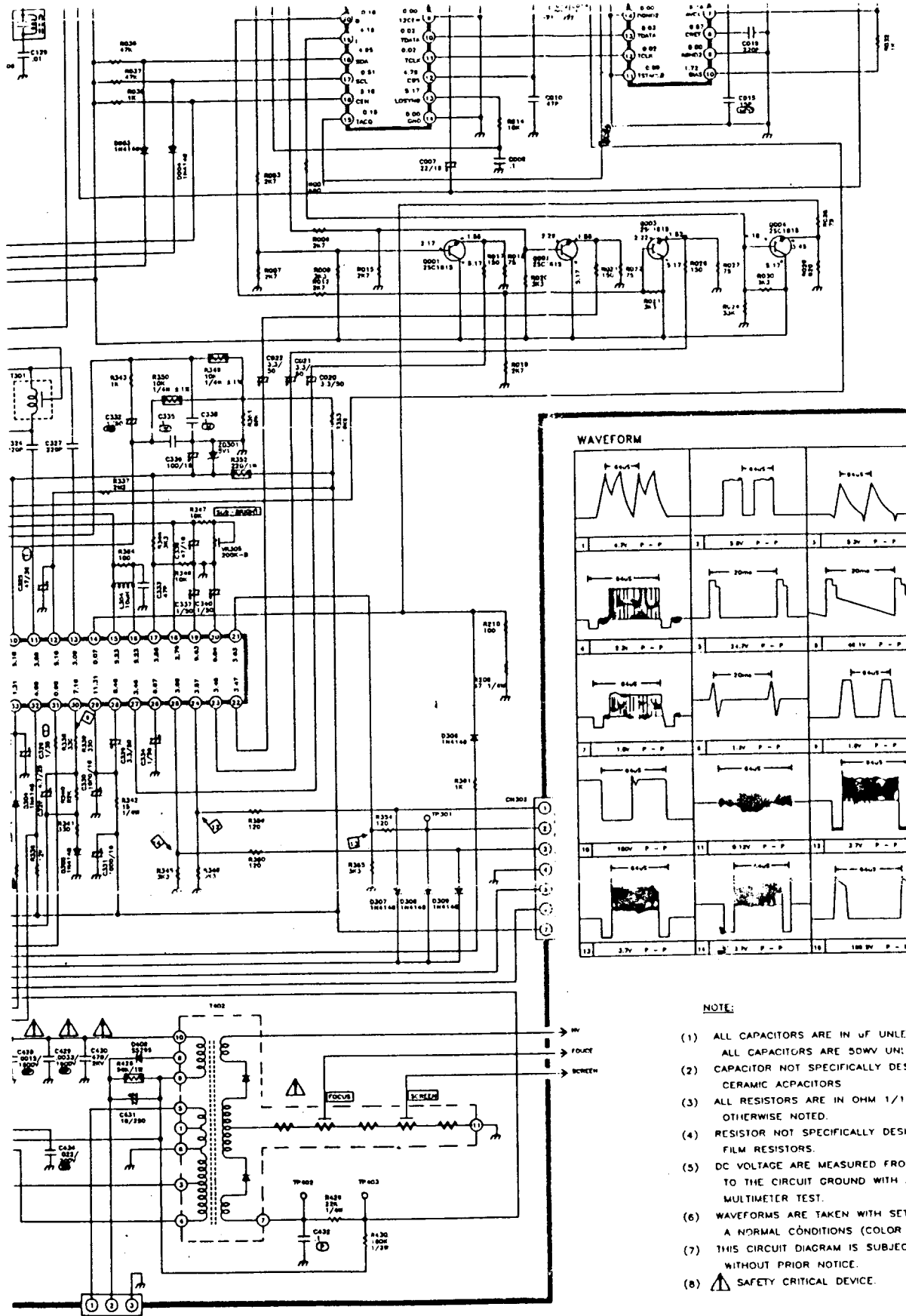
NOTE:

CIRCUIT SYMBOLS		
RESISTOR	CAPACITOR	
 NONFLAMMABLE	 ELECTROLYTIC	 POLYPROPYLENE
 FUSEIBLE	 BI-POLAR ELECTROLYTIC	 MYLAR
 CEMENT	 TANTALUM	

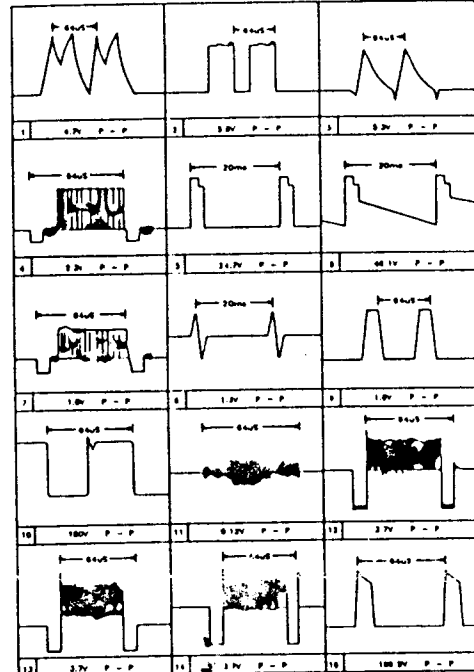


Drawing no: 9115-06 (IT)





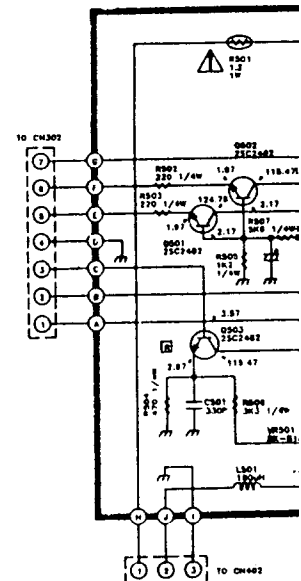
WAVEFORM

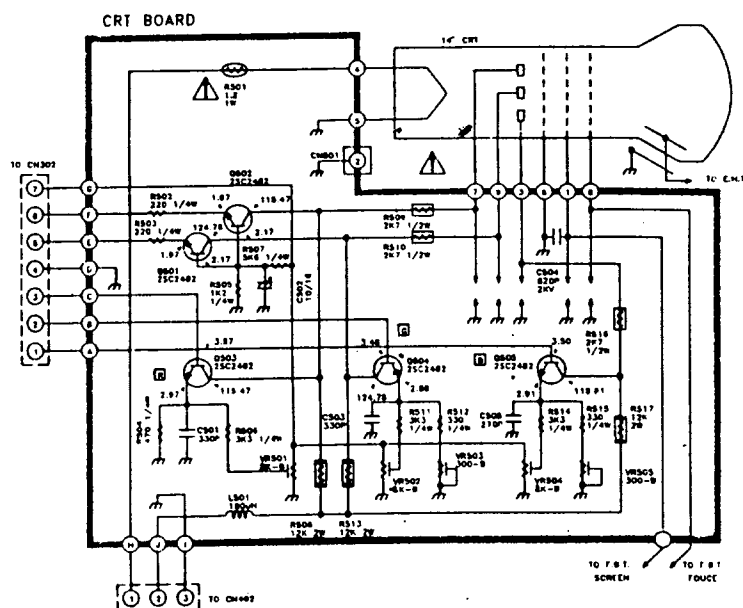
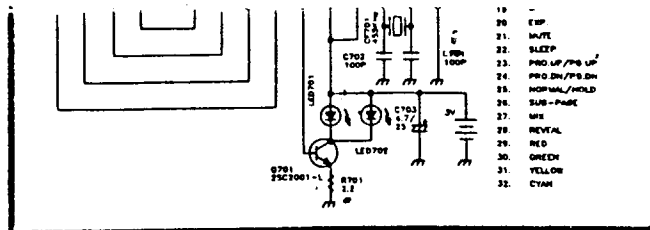


NOTE:

- (1) ALL CAPACITORS ARE IN μF UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED.
- (2) CAPACITOR NOT SPECIFICALLY DESIGNATED ARE CERAMIC APCAPITORS
- (3) ALL RESISTORS ARE IN OHM 1/16 WATT UNLESS OTHERWISE NOTED.
- (4) RESISTOR NOT SPECIFICALLY DESIGNATED ARE CARBON FILM RESISTORS.
- (5) DC VOLTAGE ARE MEASURED FROM POINT INDICATED TO THE CIRCUIT GROUND WITH A DIGITAL MULTIMETER TEST.
- (6) WAVEFORMS ARE TAKEN WITH SETTING CONTROLS TO A NORMAL CONDITIONS (COLOR PHILIPS PATTEN).
- (7) THIS CIRCUIT DIAGRAM IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.
- (8) SAFETY CRITICAL DEVICE.

CRT BOARD





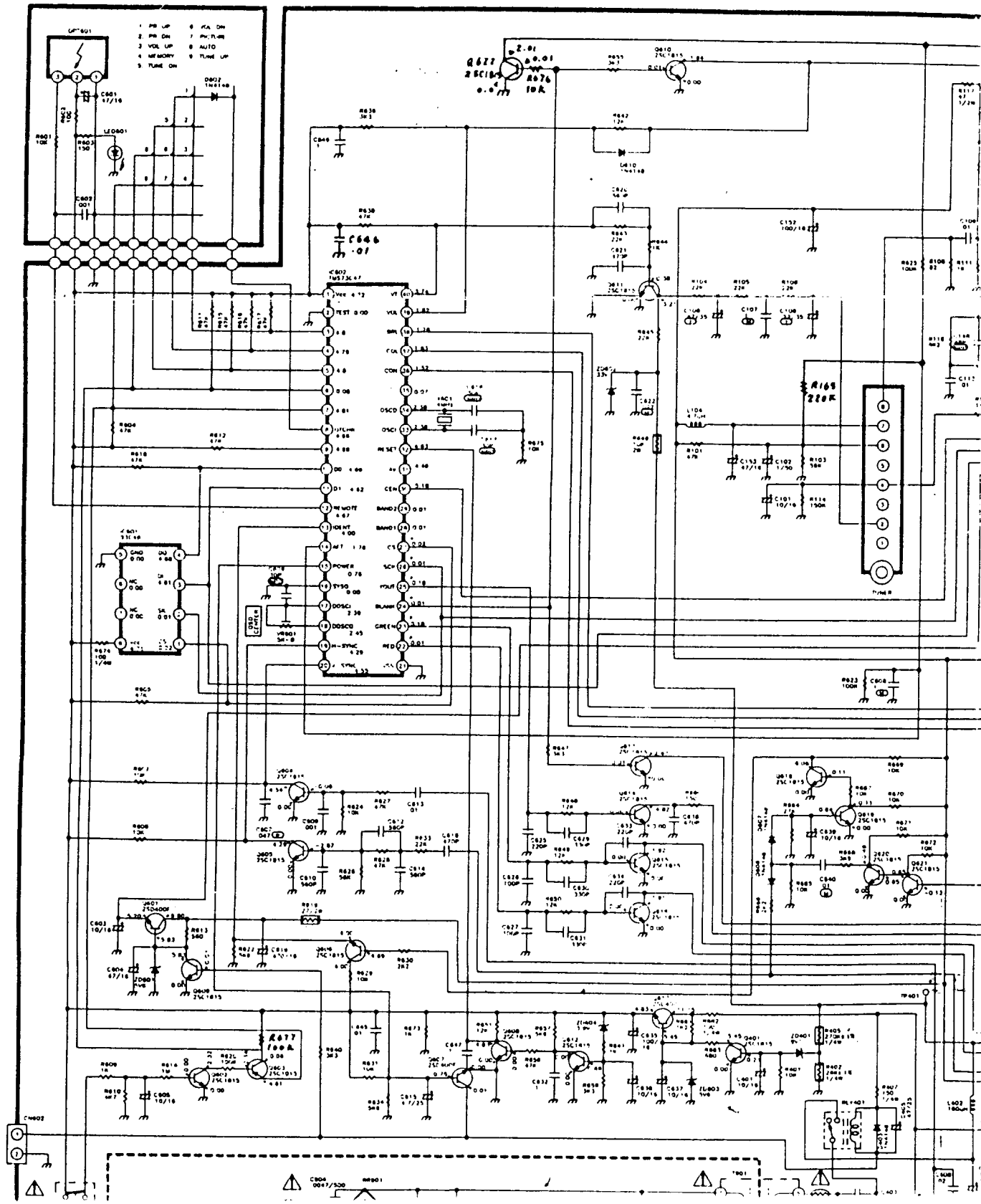
CIRCUIT SYMBOLS		
RESISTOR	CAPACITOR	
 NONFLAMMABLE	 ELECTROLYC	 POLYPROPYLENE
 FUSEBLE	 BI-POLAR ELECTROLYC	 MYLAR
 CEMENT	 TANTALUM	
 METAL OXIDE	 METALLIZED POLYESTER	
 THERMISTOR	 POLYESTER FILM	

TITLE: SCHEMATIC DIAGRAM	
MODEL: K-9115 (IT)	SYSTEM: PAL-I
DRAW NO: 8115-05	COUNTRY: U.K.
DATE: JUNE 11, 1992	REV NO: B (26-10-92)

SCHEMATIC DIAGRAM FOR PAL-I SYSTEM

CONTROL BOARD

MAIN BOARD



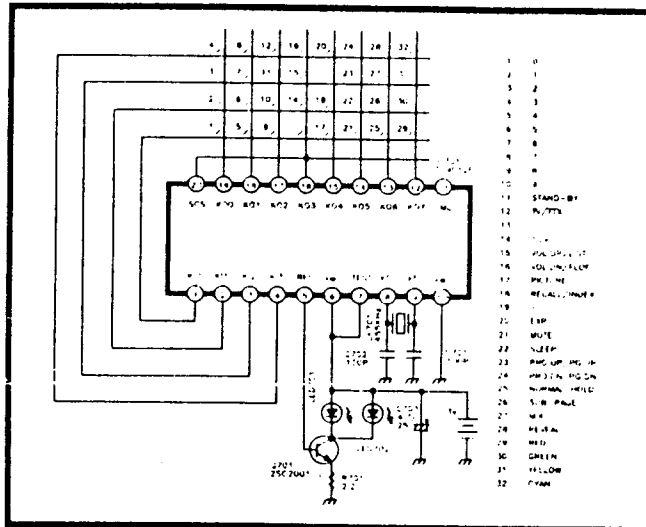
THE Q.
THIS
THE BE
IS AVA



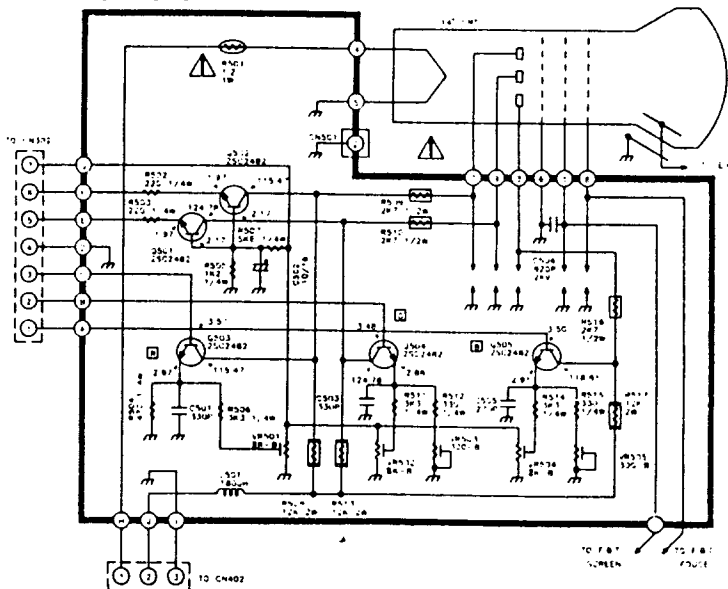
THE QUALITY OF
THIS PAGE IS
THE BEST THAT
IS AVAILABLE

CTV841/1452T/147TT

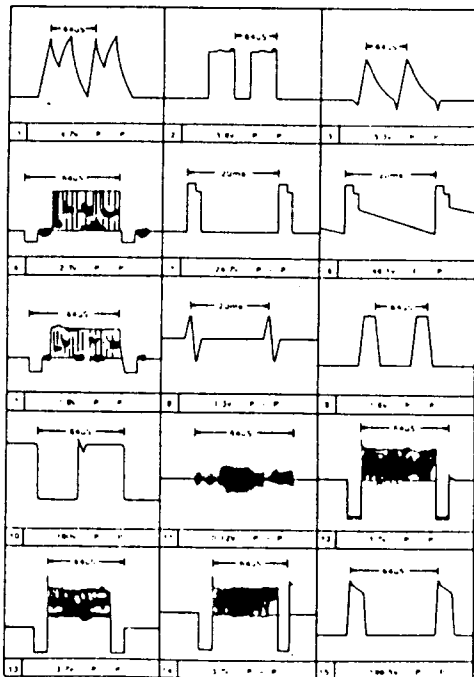
HANDSET BOARD



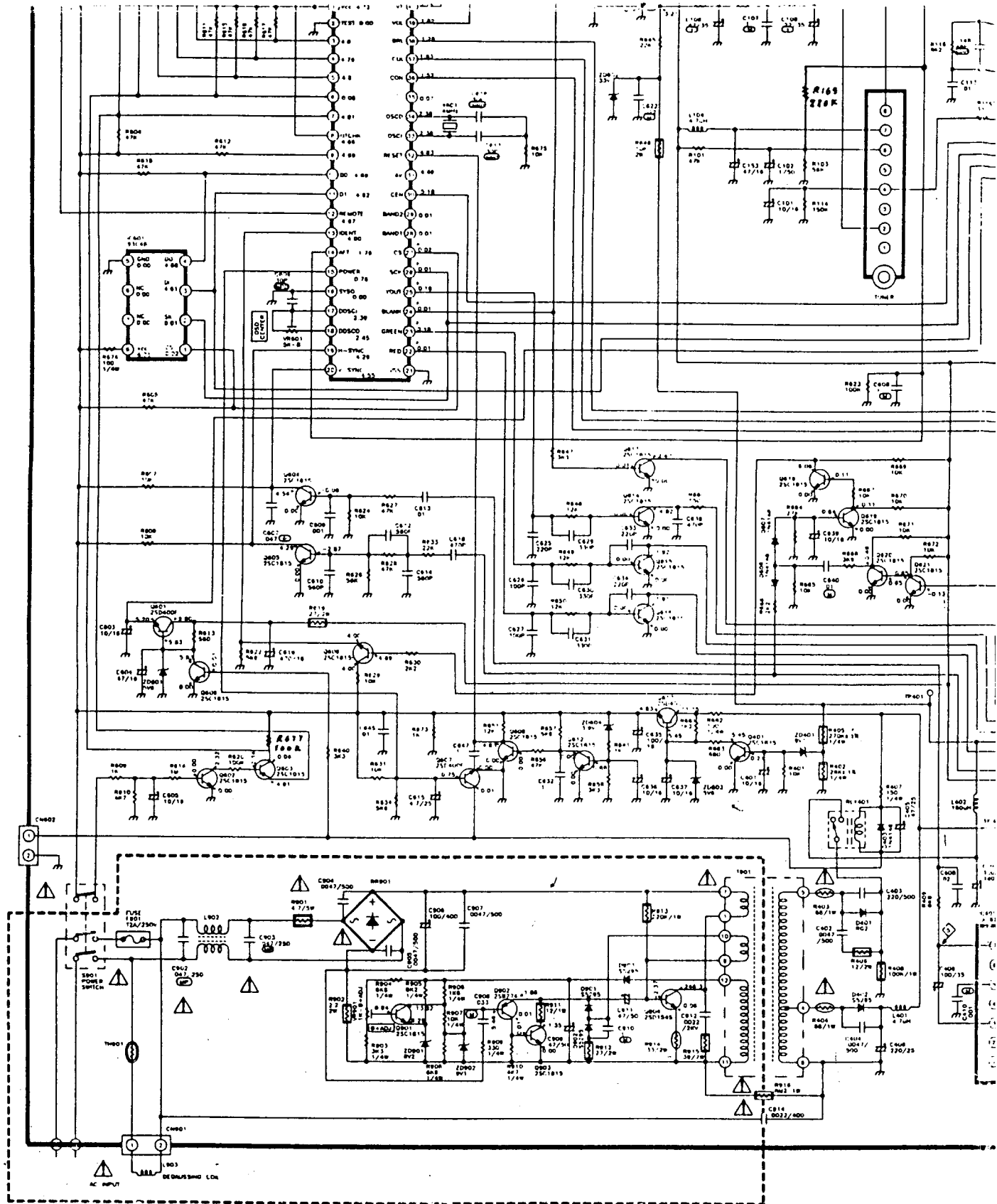
CRI BOARD



WAVEFORM

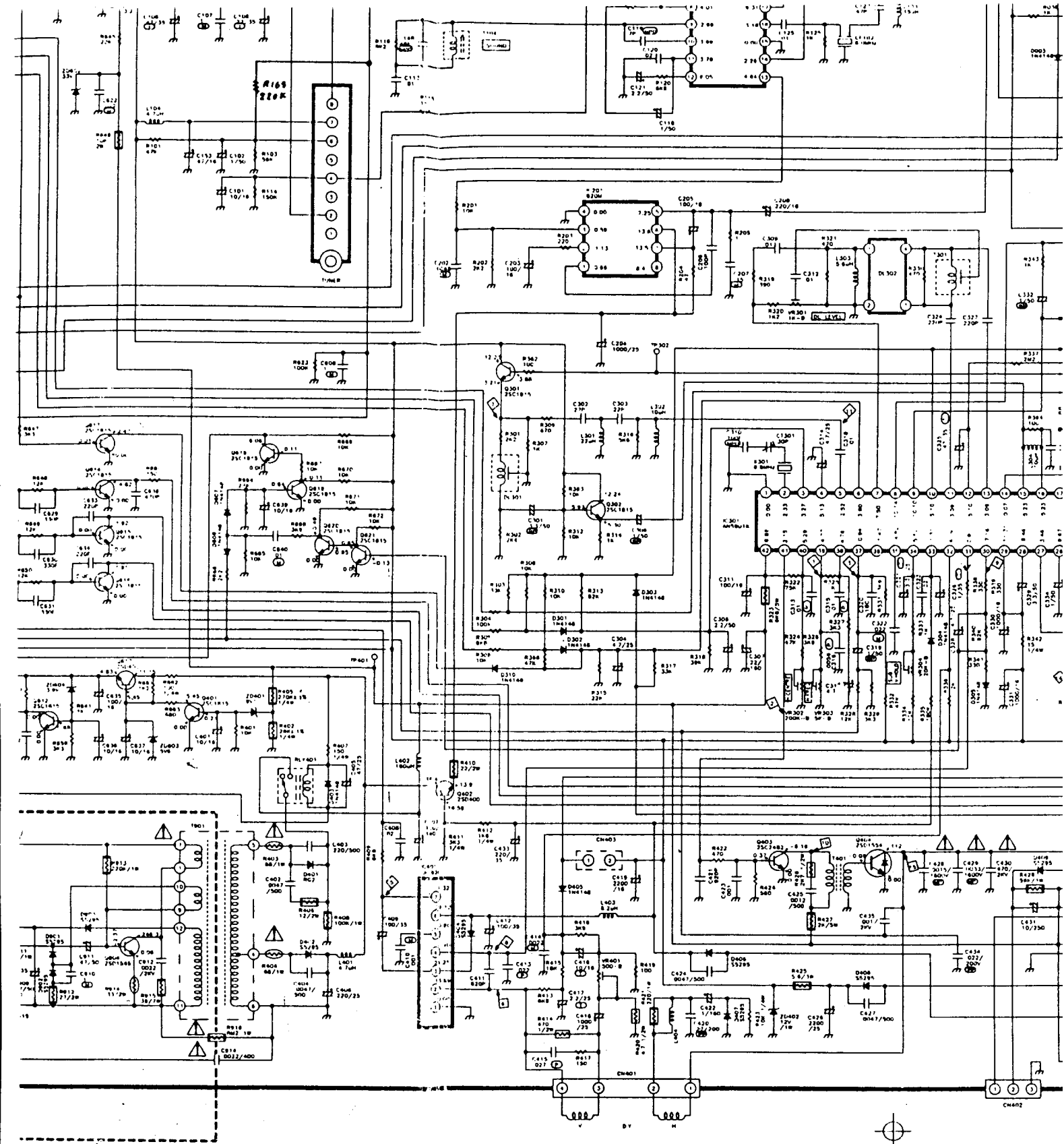


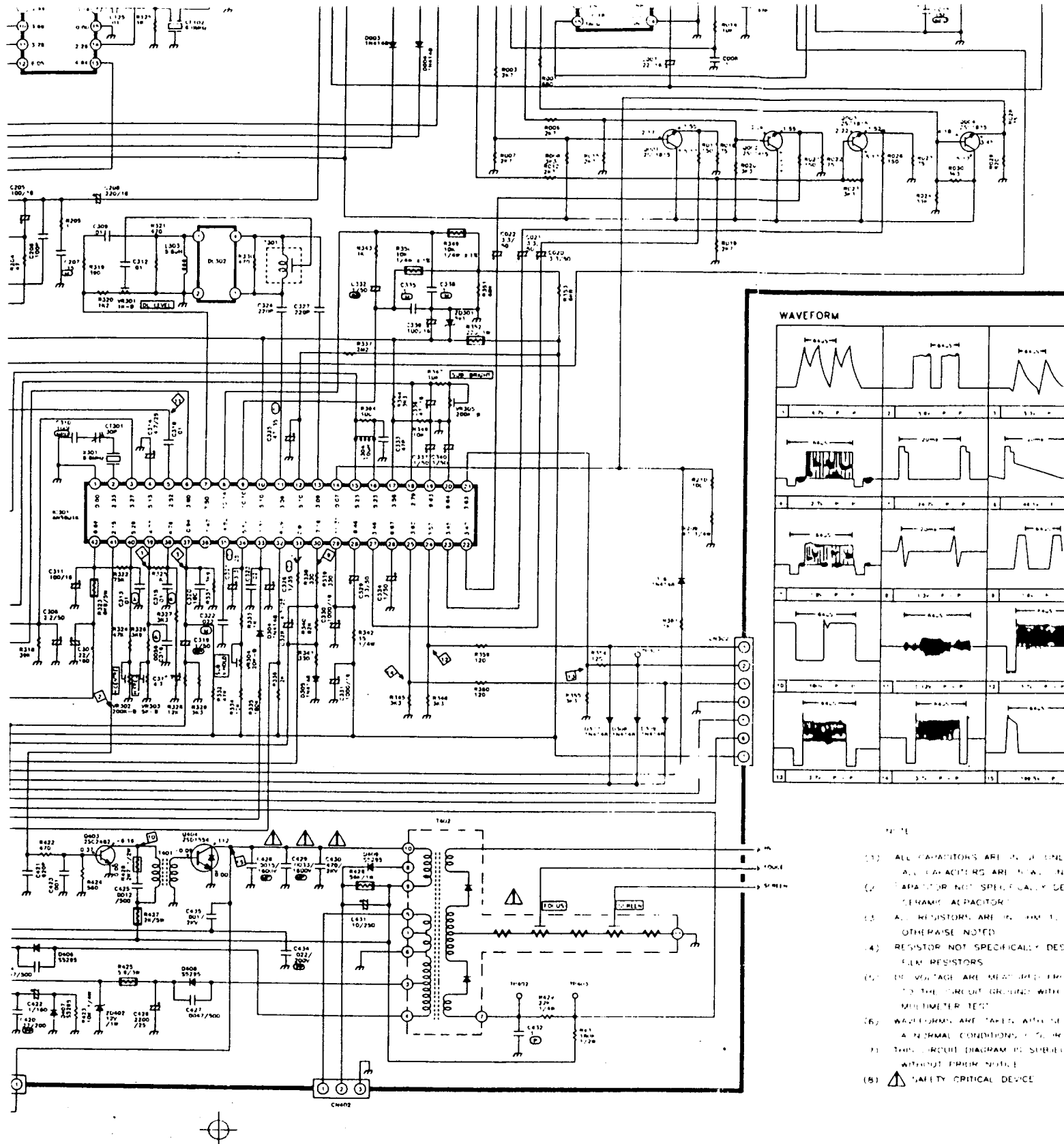
CIRCUIT SYMBOLS	
RESISTOR	CAPACITOR

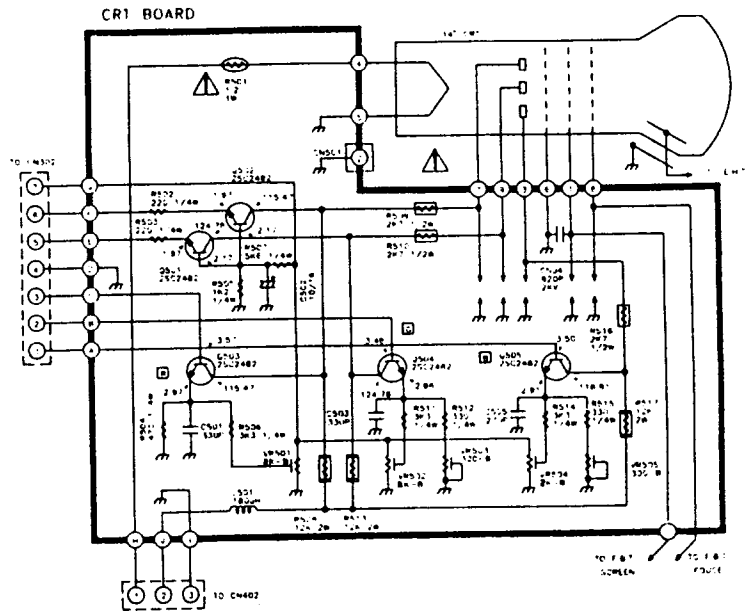
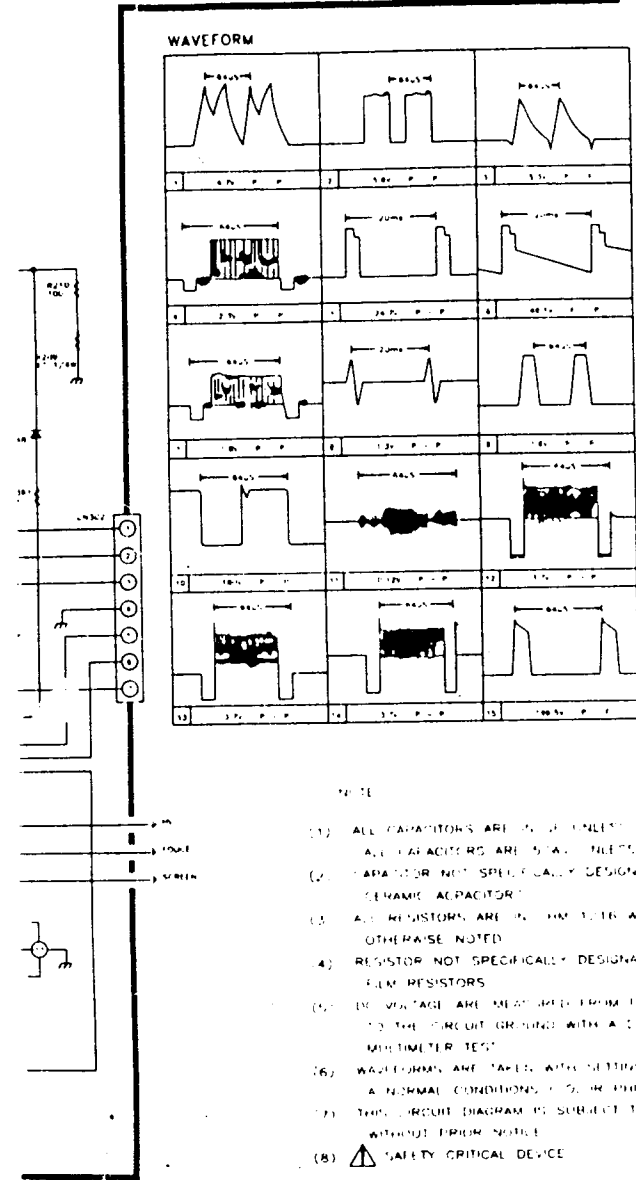
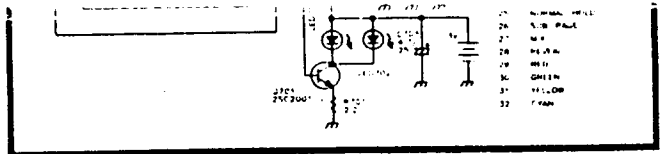
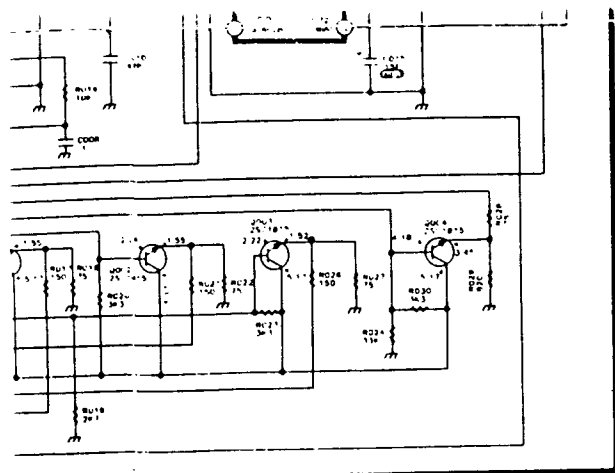


Drawing no: 9115-05 (IT)

THE QUALITY OF
THIS PAGE IS
THE BEST THAT
IS AVAILABLE



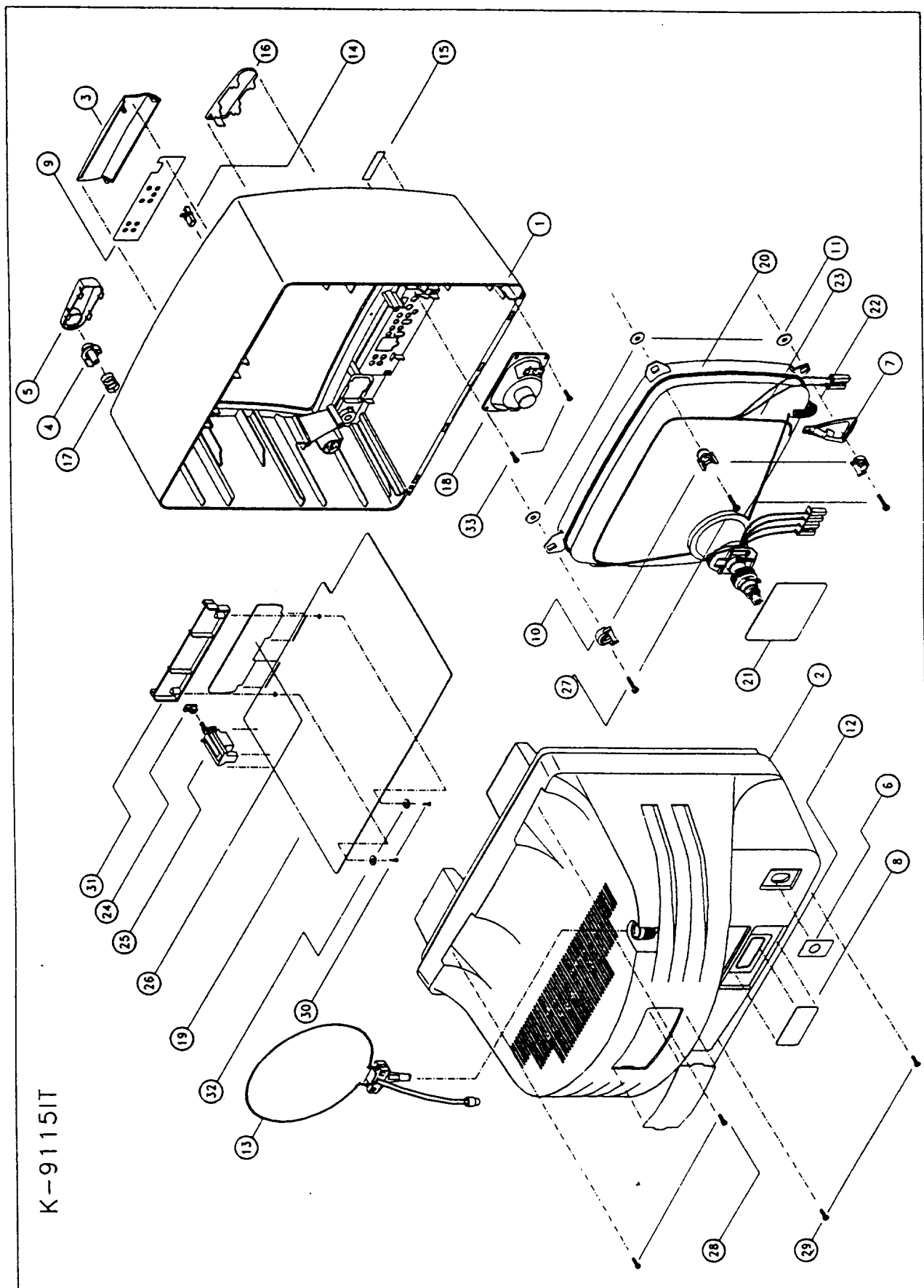




CIRCUIT SYMBOLS		
RESISTOR	CAPACITOR	
NON-INDUCTIVE	ELECTROLYTIC	POLYPROPYLENE
FILM	WET FILM	WAX
CEMENT	TANTALUM	
METAL OXIDE	METALLIZED POLYESTER	
THERMISTOR	POLYESTER FILM	

TITLE: SCHEMATIC DIAGRAM	
MODEL: K-9115 (IT)	SYSTEM: PAL-1
DRAW NO: 9115-05	COUNTRY: U.S.A.
DATE: JUNE 11, 1992	REV NO: 0 (7-1-93)
MODEL: K-9115IT, K-9115IT, K-9115IT	

EXPLODED VIEW DIAGRAM



K-9115IT

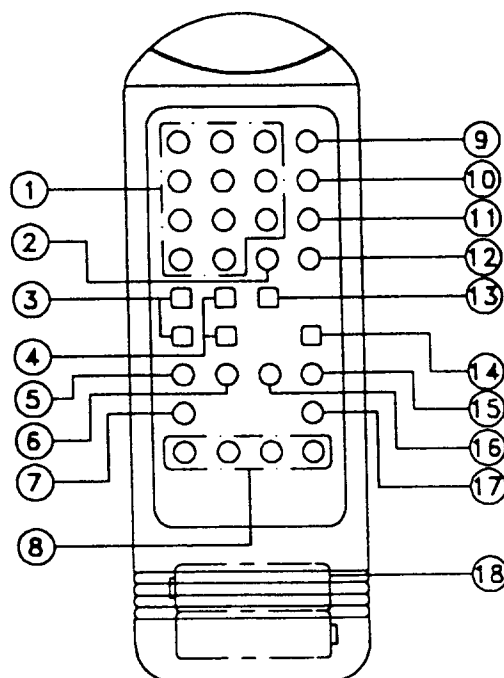
EXPLODED VIEW PART LIST :

<u>LOCATION</u>	<u>PARTS NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	200-911501-01	FRONT CABINET	1
2	202-911503-01	BACK CABINET	1
3	219-911501-01	PANEL DOOR	1
4	292-911501-01	POWER KNOB	1
5	263-911501-01	LENS	1
6	418-911540-01	TUNER COVER W/SILK-PRINTING	1
7	259-911501-01	DEGAUSSING COIL CLIP	2
8	381-911501-01	A/V IN COVER	1
9	418-911513-01	PRESET OVERLAY	1
10	229-371501-01	C.R.T. MTG CLIP	4
11	334-391501-01	RUBBER RING (T=3 mm)	4
12	412-911501-01	MODEL PLATE	1
13	485-911501-01	LOOP ANTENNA ASS'Y	1
14	702-391201-02	DOOR LOCKER ASS'Y	1
15	411-371601-05	NAME PLATE	1
16	403-911501-01	SPEAKER GRILLE	1
17	477-682101-01	SPRING FOR POWER KNOB	1
18		SPEAKER	1
19		MAIN P.C. BOARD ASS'Y	1
20		C.R.T.	1
21		C.R.T. P.C. BOARD ASS'Y	1
22	477-371601-01	C.R.T. SPRING	1
23		DEGAUSSING COIL ASS'Y	1
24	239-391201-01	ADAPTOR FOR POOWER SWITCH	1
25	046-100001-14	POWER SWITCH	1
26		FUNCTION P.C. BOARD ASS'Y	1
27	614-500238-10	SELF-TAPPING SCREW B/T 5 x 38 mm	4
28	614-500416-10	SELF-TAPPING SCREW B/T 5 x 16 mm	2
29	614-400416-10	SELF-TAPPING SCREW B/T 4 x 16 mm	2
30	612-300110-10	SELF-TAPPING SCREW W/T 3 x 10 mm	2
31	229-911502-01	FUNCTION P.C. BOARD MOUNTING BRACKET	1
32	530-080032-08	FIBRE WASHER	2
33	614-400408-10	SELF-TAPPING SCREW B/T 4 x 8 mm	2

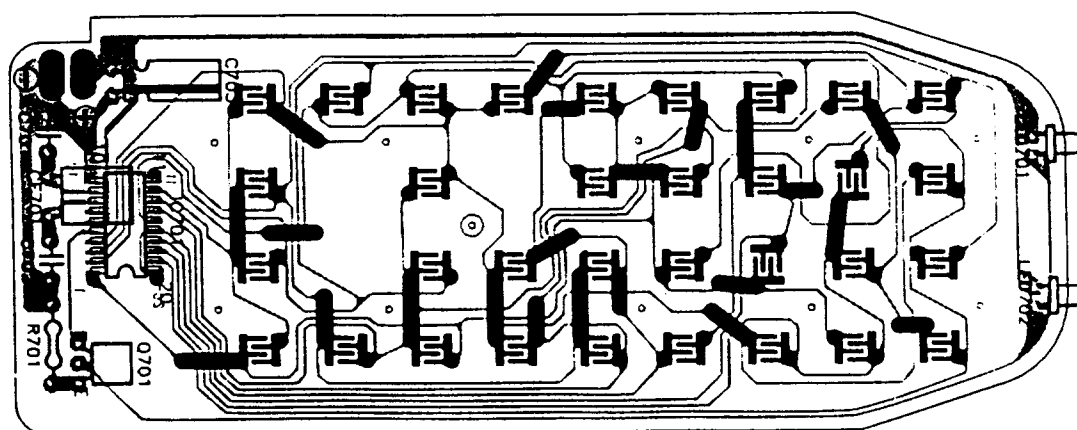
REMOTE HANDSET UNIT

CONTROL LOCATION

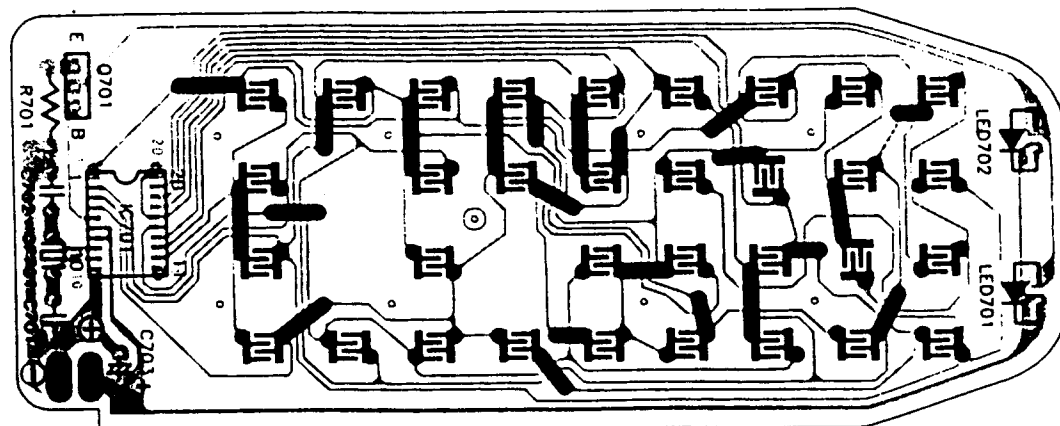
1. Number Buttons (1-9, 0, 10+)
2. Normal Button
3. Program Up/Down Buttons (TV Mode),
Page Up/Down Buttons (Teletext Mode)
4. Volume and Picture Function Up/Down
Buttons (TV Mode), List/FLOF Buttons
(Teletext Mode)
5. Hold Button
6. Subpage Button
7. Mix Button
8. Colour Button (Red, Green, Yellow, Cyan)
9. Stand by Button
10. Sleep Button
11. Recall Button
12. Mute Button
13. Picture Selector Button
14. TV/Teletext Button
15. Expand Button
16. Reveal button
17. Index Button
18. Battery Compartment Lid



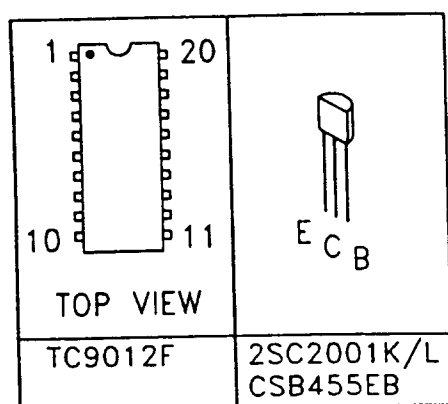
COMPONENT DIAGRAM OF REMOTE HANDSET P.C. BOARD :



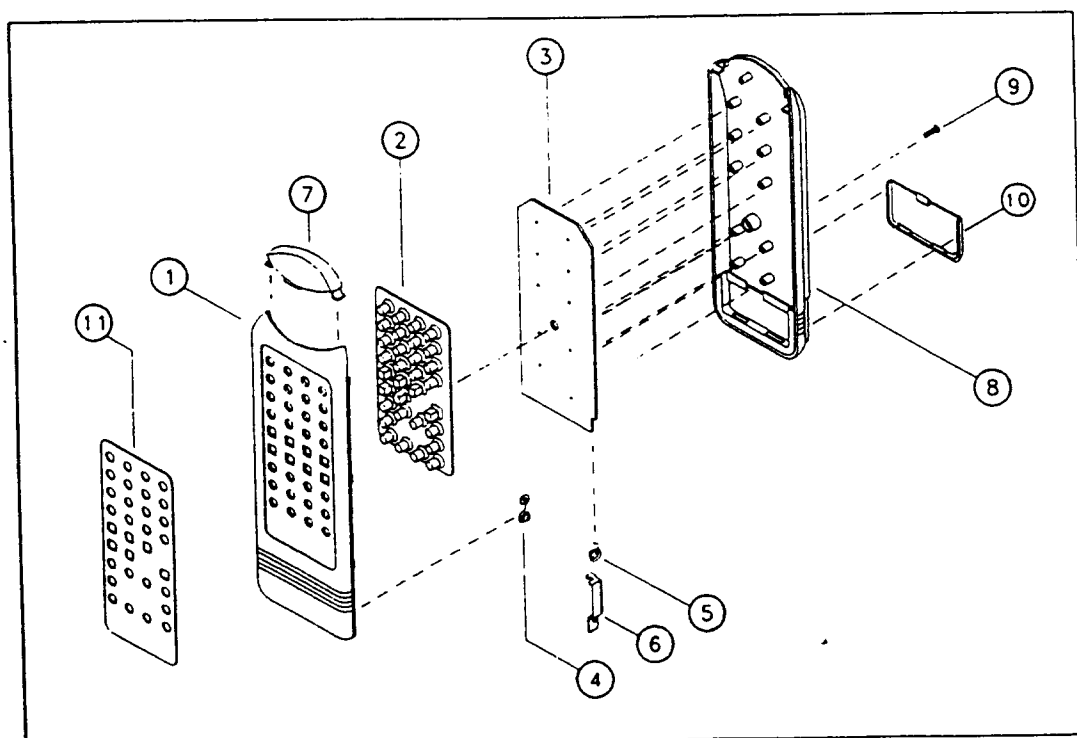
(TOP VIEW)



(BOTTOM VIEW)

TRANSISTOR & IC IDENTIFYREMOTE HANDSET UNIT OF EXPLODED VIEW PARTS LIST :

<u>LOCATION</u>	<u>PARTS NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	201-000401-01	TOP CABINET	1
2	334-000203-01	CONDUCTIVE RUBBER	1
3		HANDSET P.C. BOARD ASS'Y	1
4	477-390203-01	CONTACT SPRING WIRE +, - VE	1
5	477-390502-01	CONTACT SPRING WIRE - VE	1
6	477-390501-01	CONTACT SPRING WIRE + VE	1
7	263-390401-01	FRONT LENS	1
8	203-000401-01	BOTTOM CABINET	1
9	610-260108-00	SELF-TAPPING SCREW R/T 2.6 x 8 mm	1
10	210-000301-01	BATTERY COVER	1
11	411-000403-01	NAME PLATE	1



PARTS LIST

PART NUMBER DESCRIPTION

00119000495	LINE FILTER FMRCILFOO46TAZZ HIKOM
00119001096	HORI. DRIVE TRANSFORMER AT-19E-R0710
00141922094	SWITCHING TRANSFORMER HL4025B
00237000002	TANK IFT COIL 51M67-M /R12-L242A
00267000002	SOUND IFT COIL 31M7-M /R12-L241A
00277000403	CHROMA IFT COIL BF199CN-A1545HG TOKO
00297000102	IFT TV COIL M7-M/33331 MITSUMI
00621001202	RELAY 12V VS 12MB 12VDC TV-5
00710600016	TRAP FILTER 6.0 MHZ IPS6.0MB MURATA
00730045546	CERAMIC RESONATOR 45 KHZ CSB455EB MURATA
00730400006	CERAMIC RESONATOR 4 MHZ CSA4.00MG MURATA
00730600006	CERAMIC FILTER 6.0 MHZ SFE6.0MB MURATA
00773950039	SAW FILTER 39.5MHZ O WJ1953M SIEMENS
01220232006	SEMI-FIXED RESISTOR 2K OHM SC-063A
01310100512	CARBON FILM RESISTOR 100 OHM 1/16W 5%
01310110512	CARBON FILM RESISTOR 100 OHM 1/4W 5%
01310200512	CARBON FILM RESISTOR 1K OHM 1/16W 5%
01310300512	CARBON FILM RESISTOR 10K OHM 1/16W 5%
01310310172	FIXED METAL OXIDE FILM RESISTOR 10K OHM
01310310512	CARBON FILM RESISTOR 10K OHM 1/4W 5%
01310340512	FIXED METAL OXIDE FILM RESISTOR 100K OHM
01310500512	CARBON FILM RESISTOR 1M OHM 1/16W 5%
01310900512	FIXED METAL OXIDE FILM RESISTOR 12 OHM
01312040575	CARBON FILM RESISTOR 120 OHM 1/16W 5%
01312200512	CARBON FILM RESISTOR 1.2K OHM 1/16W 5%
01312210512	CARBON FILM RESISTOR 1.2K OHM 1/4W 5%
01312300512	CARBON FILM RESISTOR 12K OHM 1/16W 5%
01312340575	FIXED METAL OXIDE FILM RESISTOR 12K OHM
01312930582	FLAME PROOF FUSING RESISTOR
01315010512	CARBON FILM RESISTOR 15 OHM 1/4W 5%
01315100512	CARBON FILM RESISTOR 150 OHM 1/16W 5%
01315110512	CARBON FILM RESISTOR 150 OHM 1/4W 5%
01315200512	CARBON FILM RESISTOR 1.5K OHM 1/16W 5%
01315400512	CARBON FILM RESISTOR 150K OHM 1/16W 5%
01318200512	CARBON FILM RESISTOR 1.8K OHM 1/16W 5%
01318210512	CARBON FILM RESISTOR 1.8K OHM 1/4W 5%
01318300512	CARBON FILM RESISTOR 18K OHM 1/16W 5%
01318420512	CARBON FILM RESISTOR 180K OHM 1/2W 5%
01320260575	FIXED METAL OXIDE FILM RESISTOR 2K OHM
01322040575	FIXED METAL OXIDE FILM RESISTOR
01322100512	CARBON FILM RESISTOR 220 OHM 1/16W 5%
01322110512	CARBON FILM RESISTOR 220 OHM 1/4W 5%
01322130575	FIXED METAL OXIDE FILM RESISTOR
01322200512	CARBON FILM RESISTOR 2.2K OHM 1/16W 5%
01322210512	CARBON FILM RESISTOR 2.2K OHM 1/4W 5%
01322300512	CARBON FILM RESISTOR 22K OHM 1/16W 5%
01322430575	FIXED METAL OXIDE FILM RESISTOR 220K OHM
01322500512	CARBON FILM RESISTOR 2.2M OHM 1/16W 5%
01322900512	CARBON FILM RESISTOR 2.2 OHM 1/16W 5%
01322950575	FIXED METAL OXIDE FILM RESISTOR 2.2 OHM
01324200512	CARBON FILM RESISTOR 2.4K OHM 1/16W
01326310172	FIXED METAL OXIDE FILM RESISTOR
01327000512	CARBON FILM RESISTOR 27 OHM 1/16W 5%
01327040575	FIXED METAL OXIDE FILM RES 27 OHM 2W
01327200512	CARBON FILM RESISTOR 2.7K OHM 1/16W 5%

PART NUMBER DESCRIPTION

01327220522	FLAME PROOF CAR FILM RES KOARDF50ST52
01327300512	CARBON FILM RESISTOR 27K OHM 1/16W 5%
01327410172	FIXED METAL OXIDE FILM RESISTOR
01333100512	CARBON FILM RESISTOR 330 OHM 1/16W 5%
01333110512	CARBON FILM RESISTOR 330 OHM 1/4W 5%
01333200512	CARBON FILM RESISTOR 3.3K OHM 1/16W 5%
01333210512	CARBON FILM RESISTOR 3.3K OHM 1/4W 5%
01333300512	CARBON FILM RESISTOR 33K 1/16W 5%
01333841082	FLAME PROOF FUSING RESISTTER 0.33 OHM 2W
01339080575	FIXED METAL OXIDE FILM RES 39 OHM 7W
01339100512	CARBON FILM RESISTOR 390 OHM 1/16 5%
01339200512	CARBON FILM RESISTOR 3.9K OHM 1/16W 5%
01339300512	CARBON FILM RESISTOR 39K OHM 1/16W 5%
01347000512	CARBON FILM RESISTOR 47 OHM 1/16W 5%
01347010512	CARBON FILM RESISTOR 47 OHM 1/4W 5%
01347020512	CARBON FILM RESISTOR 47 OHM 1/2W 5%
01347100512	CARBON FILM RESISTOR 470 OHM 1/16W 5%
01347110512	CARBON FILM RESISTOR 470 OHM 1/4W 5%
01347120522	FLAME PROOF CAR. FILM RES. 470 OHM 1/2W
01347200512	CARBON FILM RESISTOR 4.7K OHM 1/16W 5%
01347210512	CARBON FILM RESISTOR 4.7K OHM 1/4W 5%
01347300512	CARBON FILM RESISTOR 47K OHM 1/16W 5%
01347920522	FLAME PROOF CAR FILM RES KOARDF50ST52
01347960554	CEMENT RES. 4.7 OHM 5W 5% ERF-5ZXJ4R7
01356100512	CARBON FILM RESISTOR 560 OHM 1/16W 5%
01356200512	CARBON FILM RESISTOR 5.6K OHM 1/16W 5%
013 56210512	CARBON FILM RESISTOR 5.6K OHM 1/4W 5%
01356300512	CARBON FILM RESISTOR 56K OHM 1/16W 5%
01356330575	FIXED METAL OXIDE FILM RESISTOR 56K OHM
01356950576	FIXED METAL OXIDE FILM RESISTOR 5.60HM
01368100512	CARBON FILM RESISTOR 680 OHM 1/16W 5%
01368200512	CARBON FILM RESISTOR 6.8K OHM 1/16W 5%
01368210512	CARBON FILM RESISTOR 6.8K OHM 1/4W 5%
01368260575	FIXED METAL OXIDE FILM RESISTOR 6.8K
01368300512	CARBON FILM RESISTOR 68K OHM 1/16W 5%
01368831082	FLAME PROOF FUSING RESISTOR
01375000512	CARBON FILM RESISTOR 75 OHM 1/16W 5%
01375300512	CARBON FILM RESISTOR 75K OHM 1/16W 5%
01382000512	CARBON FILM RESISTOR 82 OHM 1/16W 5%
01382100512	CARBON FILM RESISTOR 820 OHM 1/16W 5%
01382200512	CARBON FILM RESISTOR 8.2K OHM 1/16W 5%
01382210512	CARBON FILM RESISTOR 8.2K OHM 1/4W 5%
01382300512	CARBON FILM RESISTOR 82K OHM 1/16W 5%
01382530592	HIGH VOLTAGE RESISTOR 8.2M OHM 1W 5%
01421020001	P.T.C. THERMISTOR "POSI-R" ZPB53BL200C
02230010103	TRIMMER CAPACITOR 30PF ECR-HAO3OE11 MAT
02610211101V	MYLAR CAP 0.001MFD 100V 10% (TAPING)
02610307111V	POLY FILM CAP ECQ-B1H103KF3 0.01MFD
02610311101V	MYLAR CAP 0.01MFD 100V 10% (TAPING)
02610407111	POLYESTER FILM CAP ECOMIH104KV 0.1MFD
02610411101	MYLAR CAPACITOR .1MFD 100V 10%
02615216041	METALLIZED POLYPROPYLENE CAP 0.0015 MED
02615411101	MYLAR CAPACITOR 0.15 MFD 100V 10%
02622211101V	MYLAR CAP 0.0022MFD 100V 10% (TAPING)
02622307111V	POLY FILM CAP ECQ-B1H223KF3 0.022MFD
02622311101V	MYLAR CAP 0.022MFD 100V 10% (TAPING)
02622320131	POLYPROPYLENE CAPACITOR 0.022 MFD 200V
02627307111	POLY. FILM CAP ECO-BIH273KF 0.027MFD

PART NUMBER	DESCRIPTION
-------------	-------------

02627420031	POLYPROPYLENE CAP 0.27MFD 200V 5%
02633216041	METALLIZED POLYPROPYLENE CAP 0.0033 MFD
02633311101V	MYLAR CAP 0.033MFD 100V 10% (TAPING)
02647307111V	POLY FILM CAP ECO-B1H473KF3 0.047MFD
02647321241	METALLIZED POLY CAP ECQU2A473MN 0.047MFD
02656207111V	POLY FILM CAP ECO-B1H562KF3 0.0056MFD
02668211101	MYLAR CAPACITOR 0.0068 MFD 100V 10%
03021263800	AFC DIODE IS2638 HITACHI
03051020100	LED 'RED' (ROUND TYPE) LTD - 201R LITON
03121101500V	TRANSISTOR 2SA1015 TOSHIBA (RADIAL LEAD)
03122077420V	TRANSISTOR 2SB774T MATSUSHITA
03123181526V	TRANSISTOR 2SC1815-Y TOSHIBA
03123192318V	TRANSISTOR 2SC1923R TOSHIBA
03123200100	TRANSISTOR 2SC2001KL
03123248200	TRANSISTOR 2SC 2482 TOSHIBA
03124040006V	TRANSISTOR 2SD400F SANYO (RADIAL LEAD)
03124154500	TRANSISTOR 2SD1545
03124155400	TRANSISTOR 2SD1554 TOSHIBA
03307009522	I.C. CF70095ZA TEXAS
03307230622	I.C. CF72306 TEXAS
03310560111	IC AN5601K MATSUSHITA
03310870114	I.C. TA8701AN TOSHIBA
03320783016	IC LA7830 SANYO
03330734722	IC TC9012F TOSHIBA
03380934642	IC XLS93LC46P EXEL
03660078100	OPTICAL RECEIVER MODULE GP1U781R SHARP
03713875030A	CRYSTAL 13.875MHZ NDK
03788672420	CRYSTAL 8.867238MHZ KD0284FFB DDAIWA
04610000114	POWER SWITCH ESB-99957S MATSUSHITA
04610000140	TACT SWITCH SKHHPN 0002 ALPS
06010100108	CONTACT PIN PCB TYPE (MALE) TAIKO
06010225223	PIN CONNECTOR 1 PIN SOCKET TS-80H-01-A1
06010225223	PIN CONNECTOR 2 PINS SOCKET 5051-02
06010225523	PIN CONNECTOR 2 PINS PLUG 5045-02A
06010280508	PIN CONNECTOR 2 PINS PLUG STRAIGHT TYPE
06010380208	PIN CONNECTOR 3 PINS SOCKET STRAIGHT
06010380508	PIN CONNECTOR 3 PINS PLUG STRAIGHT TYPE
06010480508	PIN CONNECTOR 4 PINS PLUG STRAIGHT TYPE
06010725223	PIN CONNECTOR 7 PINS SOCKET 5051-07
06010725523	PIN CONNECTOR 7 PINS PLUG 5045-07A
06152000401	CRT SOCKET HPS2171-010701 MINI NECK
06696202309	SPEAKER 16 OHM 2W MAX 5W 2" X 3.5"
07140000000	AC LINE CORD BS6500 STANDARD BLACK
07232001230	JUMPER WIRE UL1015 AWG#20 120 MM BLACK
07252201412	JUMPER WIRE UL1672 AWG#22 140MM RED
07252201413	JUMPER WIRE UL1672 AWG#22 140MM ORANGE
07262201210	JUMPER WIRE UL1007 TOP COATED AWG#22
07272600000	BARE WIRE AWG#26 1KG=375M
07283000048	FLAT BRAIDED WIRE 1LB=82M
07366602011	SINGLE SHIELD WIRE UL1185 AWG#26 200MM
07810104600	JUMPER WIRE ASS'Y UL1007 AAWG#22
07810104601	JUMPER WIRE ASS'Y UL1007 AWG#22 460MM
07810104602	JUMPER WIRE ASS'Y UL1007 AWG#22 460MM
07810104603	JUMPER WIRE ASS'Y UL1007 AWG#22 460MM
07810104604	JUMPER WIRE ASS'Y UL1007 AWG#22 460MM
07810302400	JUMPER WIRE ASS'Y UL1007 AWG#22 240MM
07810302402	JUMPER WIRE ASS'Y UL1007 AWG#22 240MM
07810603203	JUMPER WIRE ASS'Y UL1007 AWG#22 320MM

PART NUMBER DESCRIPTION

07810603204	JUMPER WIRE ASS'Y UL1007 AAWG#22 320MM
07820302830	JUMPER WIRE ASS'Y UL1015 AWG#20 280MM
07820603230	JUMPER WIRE ASS'Y UL1015 AAWG#20
07910410000	UL/CSA PVC TUBE 4.1MM DIA.
07910530000	UL/CSA PVC TUBE 5.3MM DIA.
07910950000	UL/CSA PVC TUBE 9.5MM DIA.
07940350000	SHRINKABLE TUBE 3.5 MM DIA.
07950100000	STAGHETTI TUBE 1MM DIA.
08222200003	FUSE T2A 250V 5 X 20MM SEMKO APPROVED
09000040100	P.C. BOARD (050392) T=1.6MM HANDSET HIKOM
09038212301	P.C. BOARD (201092) PHENOLIC T=1.6MM
09091151009	P.C. BOARD (201092) PHENOLIC T=1.6MM
09091155204	14" PAL FLYBACK FCK-14A019 SAMSUNG
10121402004	14" PAL FLYBACK FCK-14A019 SAMSUNG
10231400119	14" COLOR CRT 370KRB22-TC18 (SPYB)
10311310802	TUNER UHF PAL-I IEC SOCKET
105-100101-02V	FIXED INDUCTOR COIL 10UH EL0606RA-100K
10515010102	FIXED INDUCTOR COIL 15 MH 10%
10515010102V	FIXED INDUCTOR COIL 15UF +-10%
10516110101	CHOKE COIL 160 UH
10518110102	FIXED INDUCTOR COIL 180 UH 10%
10522010102V	FIXED INDUCTOR COIL 22UH 10%
10547910102V	FIXED INDUCTOR COIL 4.7UH
10556810312	FIXED INDUCTOR COIL .56 UH EC1645-R56M
10556910102V	FIXED INDUCTOR COIL 5.6UH TDK
10565005203	FIXED INDUCTOR COIL 65 UH 5%
10582910102V	FIXED INDUCTOR COIL 8.2UH
10840014103	DECAUSSING COIL 40T 4" L=1020MM
11210232108	SEMI-FIXED RESISTOR B-1K OHM 3 PINS
11210254106	SEMI-FIXED RESISTOR B-1K OHM
11210354106	SEMI-FIXED RESISTOR B-10K OHM
11220354106	SEMI-FIXED RESISTOR B-20K OHM
11220454106	SEMI-FIXED RESISTOR B-200K OHM
11230153108	SEMI-FIXED RESISTOR B-300 OHM 3 PINS
11250154106	SEMI-FIXED RESISTOR B-500 OHM
11250253108	SEMI-FIXED RESISTOR B-5K OHM 3 PIN
11250254106	SEMI-FIXED RESISTOR B-5K OHM
113100001-01	DELAY LINE PDL-644KIP SANETRONIC
11320000100	DELAY LINE ELT10Z216 MATSUSHITTA
12302030013V	CERAMIC CAPACITOR 2PF 50V 0.25PF CH TYPE
12307030013V	CERAMIC CAPACITOR 7PF 50V 0.25PF CH TYPE
12310034013V	CERAMIC CAP 10PF 50V 5% CH TYPE
12310134013V	CERAMIC CAP 100PF 50V 5% CH TYPE
12310135010	CERAMIC CAPACITOR 100PF 50V 10% SL TYPE
12310135010V	CERAMIC CAP 100PF 50V 10% SL TYPE
12310237030	CERAMIC CAPACITOR .001MFD 50V +80-20%
12310237030V	CERAMIC CAP 0.001MFD 50V +80-20% F TYPE
12310285040	CERAMIC CAPACITOR 0.001MFD 2KV 10%
12310337030	CERAMIC CAPACITOR 0.01MFD 50V +80-20%
12310337030V	CERAMIC CAP 0.01MFD 50V +80-20% F TYPE
123104270-30	CERAMIC CAPACITOR 0.1 MFD 25V +80-20%
12310427030V	CERAMIC CAP 0.1MFD 25V +80-20% F TYPE
12312255040	CERAMIC CAPACITOR 1200PF 500V 10%
12315034013V	CERAMIC CAP 15PF 50V 5% NPO TYPE
12318135010V	CERAMIC CAP 180PF 50V 10% SL TYPE
12320337030V	CERAMIC CAP 0.02MFD 50V +80 -20% F TYPE
12322035010V	CERAMIC CAPACITOR 22PF 50V 10% SL TYPE
12322135010V	CERAMIC CAP 220PF 50V 10% SL TYPE

PART NUMBER	DESCRIPTION
-------------	-------------

12322155040	CERAMIC CAPACITOR 220PF 500V 10%
12322246741	CERAMIC CAPACITOR 0.0022 MFD 400V + 20%
12322284040	CERAMIC CAP 0.0022MFD 2KV 5%
12327035010V	CERAMIC CAP 27PF 50V 10% SL TYPE
12327134010	CERAMIC CAPACITOR 270PF 50V 5% SL TYPE
12327134010V	CERAMIC CAP 270PF 50V 5% SL TYPE
12330034013V	CERAMIC CAP 30PF 50V 5% CH TYPE
12333134010	CERAMIC CAPACITOR 330PF 50V 5% SL TYPE
12347035010V	CERAMIC CAP 47PF 50V 10% SL TYPE
12347135010	CERAMIC CAPACITOR 470PF 50V 10% SL TYPE
12347185040	CERAMIC CAPACITOR 470PF 2KV 10%
12347258042	CER CAP ECKD2H472PU 0.0047MFD 500V + 100
12347258042V	CERAMIC CAP 0.0047MFD 500V +100-0%
12356135010	CERAMIC CAPACITOR 560PF 50V 10% SL TYPE
12356135010V	CERAMIC CAP 560PF 50V 10% SL TYPE
12368034013V	CERAMIC CAP 68PF 50V 5% CH TYPE
12382034013V	CERAMIC CAP 82PF 50V 5% NPO TYPE
12382135010V	CERAMIC CAP 820PF 50V 10% SL TYPE
12382184040	CERAMIC CAP 820PF 2KV 5%
12410506101V	TAN CAP ECSF1VE105K 1MFD 35V 10%
12410604101V	TAN CAP ECSF1CE106K 10MFD 16V 10%
12422406101V	TAN CAP ECSF1VE224K 0.22MFD 35V 10%
12422505101V	TAN CAP ECSF1EE225K 2.2MFD 25V 10%
12433505101V	TAN CAP ECSF1EE335K 3.3MFD 25V 10%
12447406101V	TAN CAP ECSFIVE474K 0.47MFD 35V 10%
12710507701V	ELECTROLYTIC CAP 1MFDD 50V 20%
12710507721V	NON-POLARIZED ELECTROLYTIC CAP 1MFD 50V
12710513501	ELECTROLYTIC CAPACITOR 1 MFD 160V
12710604701	ELECTROLYTIC CAPACITOR 10MFD 16V 20%
12710604701V	ELECTROLYTIC CAP 10MFD 16V 20%
12710621581	ELECTROLYTIC CAPACITOR 10 MFD 250V
12710704701V	ELECTROLYTIC CAP 100MFD 16V 20%
12710706701V	ELECTROLYTIC CAP 100MFD 35V 20%
12710713581	ELECTROLYTIC CAPACITOR 100 MFD 160V
12710740101	ELECT COND 100MFD 400V ECES2GU101G 20%
12710804701	E. CAP 1000MFD 16V 20% 10 X 21MM
12710805701	ELECTROLYTIC CAPACITOR 1000MFD 25V 20%
12722507701V	ELECTROLYTIC CAP 2.2MFD 50V 20%
12722604701V	ELECTROLYTIC CAP 22MFD 16V 20%
12722613581	ELECTROLYTIC CAP. 22MFD 160V +50-10%
12722704701V	ELECTROLYTIC CAP 220MFD 16V 20%
12722705701V	ELECTROLYTIC CAP 220MFD 25V 20%
12722706701	ELECTROLYTIC CAPACITOR 200MFD 35V 20%
12722804701	E. CAP 2200MFD 16V 20% 13 X 26MM
12722805701	E. CAP 2200MFD 25V 20% 16 X 25MM
12733507701V	ELECTROLYTIC CAP 3.3MFD 50V 20%
12733507721	NON-POLARIZED ELECTROCYTIC CAP 3.3MFD
12747407701V	ELECTROLYTIC CAP 0.47MFD 50V 20%
12747505701	ELECTROLYTIC CAPACITOR 4.7MFD 25V 20%
12747505701V	ELECTROLYTIC CAPACITOR 47 MFD 16V 20%
12747604701V	ELECTROLYTIC CAP 47MFD 16V 20%
12747605701V	ELECTROLYTIC CAP 47MFD 25V 20%
12747607701V	ELECTROLYTIC CAP 47MFD 50V 20%
12747704701	ELECTROLYTIC CAPACITOR 470MFD 16V 20%
13013414800	SILICON DIODE IN4148
13013414801	SILICON DIODE 1N4148 AXIAL MOUNT
13031003200	RECTIFIER DIODE RG2 SANKEN
13031006000	RECTIFIER D2SBA S60 6B

PART NUMBER DESCRIPTION

13031529500	RECTIFIER DIODE S5295G/J GYT 52K/J/G
13041003300V	ZENER DIODE KA33V SAM SUNG (RADIAL LEAD)
13041003900	ZENER DIODE 3.9V
13041005101	ZENER DIODE 5.1V
13041005601	ZENER DIODE 5.6V AXIAL MOUNT
13041008201	ZENER DIODE 8.2V
13041109100	ZENER DIODE 9.1V MA1091-M MATSUSHITA
13042212000	ZENER DIODE 12V MA2120 MATSUSHITA
13060010100	INFRARED EMITTING DIODE EL-1L1
20091150103	CAB FRONT BLACK W/CHAR GREY SPRAY HI-PS
20100040101	CABINET TOP BLACK ABS
20291150301	CABINET BACK BLACK HI-PS DOW 470
20300040101	CABINET BOTTOM BLACK ABS
21000030101	BATTERY COVER BLACK ABS
21991150103	FRONT CONTROL PANEL DOOR BLK W/CHAR GREY
22937150101	CRT MTG CLIP WHITE CELON
22991150201	FUNCTION PCB MOUNTING BRACKET BLACK ABS
23939120101	ADAPTOR FOR POWER SWITCH BLACK ABS
25091150101	LED HOLDER BLACK ABS
25491151001A	LINE CORD CLIP BLACK HI-PS 94V0
25991150101	DEGAUSSING COIL CLIP
26339040101	FRONT LENS ABS 920 RES 20784
26391150101	SENSOR LENS (REMOTE) RED CLEAR ABS
29291150101	POWER KNOB BLACK ABS
30091150202B	POLYFOAM END CAPS W/PS 06'
31005100410	POLYBAG 5" X 10" X 0.04MM THK P.O.
30111140412	POLYBAG 11" X 14" X 0.04MM THK P.O.
31035950410B	POLYBAG 3.5" X 9.5" X 0.04MM THK P.O.
31039600540	EXPANDED POLYETHYLENE FOAM PAPER
33400020301	CONDUCTIVE RUBBER BLACK 32 KEYS
33439150101	RUBBER RING (T=3.0MM)
38191150101	AV-IN COVER
40391150101	SPEAKER GRILLE 0.5MM THK DULL BLACK
41100040302	NAME PLATE ALBA FULL R.C. 32 KEYS
41137160255	NAME PLATE ALBA (NEW LOGO)
41291150105	MODEL PLATE ALBA CTV841 ENG 240V W/DBL
41891151301	PRESET OVERLAY (9 HOLES)
41891154001	TUNER COVER W/SILK-PRINTING
45037160201	TEST PIN
45069130101	TEST PIN
46670120101	FUSE HOLDER
47737160101	CRT SPRING
47739020301	CONTACT SPRING WIRE +, - VE
47739050101	CONTACT SPRING WIRE + VE
47739050201	CONTACT SPRING WIRE - VE
47768210101	COMPRESSION SPRING
48191150301	HEAT SINK W/SOLDERING LUG ASS'Y
48191150301	HEAT SINK W/SOLDERING LUG ASS'Y
48191150401	HEAT SINK W/SOLDERING LUG ASS'Y
48339140801	SHIELD BOX BODY
48591150101	LOOP ANT ASS'Y W/RECYCLE MARK. POLYBAG
51091150103	G/B ASBA CTV841 ENG W/MALAYSIA &
52105010500	FELT PAPER 50 X 10 X 0.5MM THK.
53008003208	FIBER WASHER (1103)
53014003316	FIBER WASHER 14 X 3.3 X 1.6MM THK
53115001005	FELT PAPER 150 X 10 X 0.5MM THK
56901810110	QUALITY APPROVED LABEL
56933020103	QC PASSED LABEL GOLD B/G BLACK LETTERING

PART NUMBER DESCRIPTION

56937140126	CRT X-RAY APPROVED LABEL ENGLISH/GERM
56937140130	ADDRESS LABEL FOR ALBA
56938280101	QC LABEL (BLUE)
56939150138	AC LINE CORD LABEL
56969130113	DATE CODE LABEL 2CM X 1.5CM (W/O PRINTING)
56991150102	BAR CODE LABEL FOR ALBA (5 016870 040584)
56991150110	STATIC LABEL FOR ALBA
56992150103	HELPLINE LABEL W/PHONE NO. (081)5942363
57091150202	I/B ALBA CTV841 ENG 240V W/O SCART
59069130107	WARRANTY CARD ALBA ENG COMMON USE
60030501010	MACHINE SCREW P/H 3 X 10MM WHITE
60030501210	MACHINE SCREW P/H 3 X 12 MM WHITE
61026010800	SELF-TAPPING SCREW R/T 2.6 X 8MM BLACK
61030040810	SELF-TAPPING SCREW R/T 3.0 X 8MM WHITE
61230011010	SELF-TAPPING SCREW W/T 3 X 10MM WHITE
61440040810	SELF-TAPPING SCREW B/T 4 X 8MM WHITE
61440041210	SELF-TAPPING SCREW B/T 4 X 12MM WHITE
61440041610	SELF-TAPPING SCREW B/T 4 X 16MM WHITE
61450023810	SELF-TAPPING SCREW B/T 5 X 38MM WHITE
61450041610	SELF-TAPPING SCREW 5.0 X 16MM B/T WHITE
620-305025-55	STEEL NUT M3
63305503207	SPRING WASHER (503)
68010126101	CABLE TIE
68012550301	WIRE TIE 125 X 0.3 X 0.1MM
70239120102	DOOR LOCKER ASS'Y F4
80600453002	TRANSPARENT P.P. TAPE 3" IRL=45 YD