SERVICE MODE LIST

This unit provided with the following SERVICE MODES so you can repair, examine and adjust easily.
The SERVICE MODE dose not funtion if the clock has been set.
if so, unplug AC cord to set the clock to the nonclock setting mode.
To enter the Service Mode, press both set key and remote control key for more than 1 second.

Set Key	Remocon Key	Operations
VOL. (-) MIN	1	Initialization of the factory. NOTE: Do not use this for the normal servicing.
VOL. (-) MIN	6	POWER ON total hours is displayed on the screen. Refer to the "CONFIRMATION OF USING HOURS". Can be checked of the INITIAL DATA of MEMORY IC. Refer to the "NOTE FOR THE REPLACING OF MEMORY IC".
VOL. (-) MIN	7	Releasing of PROTECTION PASSWORD.
VOL. (-) MIN	8	Writing of EEPROM initial data. NOTE: Do not use this for the normal servicing.
VOL. (-) MIN	9	Display of the Adjustment MENU on the screen. Refer to the "ELECTRICAL ADJUSTMENT" (On-Screen Display Adjustment).

CONFIRMATION OF USING HOURS

POWER ON total hours can be checked on the screen. Total hours are displayed in 16 system of notation.

NOTE: The confirmation of USING HOURS does not function if the clock has been set.
If so, unplug AC cord to set the clock to the nonclock setting mode.

1. Set the VOLUME to minimum.
2. Press both VOL. DOWN button on the set and Channel button **(6)** on the remote control for more than 1 second.
3. After the confirmation of using hours, turn off the power.

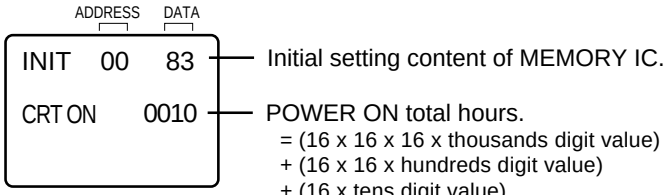


FIG. 1

NOTE FOR THE REPLACING OF MEMORY IC

If a service repair is undertaken where it has been required to change the MEMORY IC, the following steps should be taken to ensure correct data settings while making reference to TABLE 1.

NOTE:

- **The confirmation of USING HOURS does not function if the clock has been set.**
  If so, unplug AC cord to set the clock to the nonclock setting mode.
- **No need the setting for after INI F3.**

INI	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9	+A	+B	+C	+D	+E	+F
E0	-	-	-	-	0A	00	00	00	F4	94	60	D0	13	28	00	00
F0	00	00	00	00												

Table 1

1. Enter DATA SET mode by setting VOLUME to minimum.
2. Press both VOL. DOWN button on the set and Channel button **(6)** on the remote control for more than 2 seconds. ADDRESS and DATA should appear as FIG 1.
3. ADDRESS is now selected and should "blink". Using the SET + or - keys on the remote, step through the ADDRESS until required ADDRESS to be changed is reached.
4. Press ENTER to select DATA. When DATA is selected, it will "blink".
5. Again, step through the DATA using SET + or - until required DATA value has been selected.
6. Pressing ENTER will take you back to ADDRESS for further selection if necessary.
7. Repeat steps 3 to 6 until all data has been checked.
8. When satisfied correct DATA has been entered, turn POWER off (return to STANDBY MODE) to finish DATA input.

The unit will now have the correct DATA for the new MEMORY IC.

ELECTRICAL ADJUSTMENTS

1. BEFORE MAKING ELECTRICAL ADJUSTMENTS

Read and perform these adjustments when repairing the circuits or replacing electrical parts or PCB assemblies.

CAUTION

- Use an isolation transformer when performing any service on this chassis.
- Before removing the anode cap, discharge electricity because it contains high voltage.
- When removing a PCB or related component, after unfastening or changing a wire, be sure to put the wire back in its original position.
  Inferior silicon grease can damage IC's and transistors.
- When replacing IC's and transistors, use only specified silicon grease (YG6260M).
  Remove all old silicon before applying new silicon.

Prepare the following measurement tools for electrical adjustments.

1. Synchro Scope
2. Digital Voltmeter
3. Color Bar Generator

2. BASIC ADJUSTMENTS

On-Screen Display Adjustment

1. Unplug AC cord to set the clock to the nonclock setting mode. And then set the volume to minimum.
2. Press both VOL. DOWN button on the set and the Channel button **(9)** on the remote control for more than 1 second to appear the adjustment mode on the screen as shown in **Fig. 2-1**.

NOTE

Use the Channel buttons **(1-8)** on the remote control to select the options shown in **Fig. 2-1**.
Press the Channel button **(0)** on the remote control to end the adjustments.

1. H/V
2. AKB
3. COLOR TEMP
4. PICTURE
5. OTHERS
6. TEST PATTERN
7.
8. (VOL TEST) 0. END

Fig. 2-1

2-1: RF AGC DELAY

1. Receive monoscope pattern.
2. Connect the digital voltmeter to **pin 5 of CP101.**
3. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(5)** on the remote control to select "OTHERS". The **Fig. 2-2** appears on the display.
4. Press the channel button **(2)** on the remote control to select "RF AGC RELAY".
5. Press the VOL. UP/DOWN button on the remote control until the digital voltmeter is 1.4 ± 0.05V.

1. AGC AUTO
2. RF AGC DELAY
3. VIDEO LEVEL
4. FM LEVEL
5. OSD H
6. CUT OFF
7.
8. 0. RETURN

Fig. 2-2

2-2: VCO

1. Receive the color bar pattern.
2. Connect the digital voltmeter to **TP202**.
3. Adjust the **L204** until the digital voltmeter is 3.5 ± 0.05V.

2-3: CUT OFF

1. Place the set with Aging Test for more than 15 minutes.
2. Set condition is AV MODE without signal.
3. Using the remote control, set the brightness and contrast to normal position.
4. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(5)** on the remote control to select "OTHERS". The **Fig. 2-2** appears on the display.
5. Press the channel button **(6)** on the remote control to select "CUT OFF".
6. Adjust the **Screen Volume** until a dim raster is obtained.

2-4: FOCUS

1. Using the remote control, set the brightness and contrast to normal position.
2. Receive the monoscope pattern.
3. Turn the Focus Volume fully counterclockwise once.
4. Adjust the **Focus Volume** until picture is distinct.

2-5: WHITE BALANCE

NOTE: Adjust after performing CUT OFF adjustments.

Place the set wiht Aging Test for more than 10 minutes.

1. Receive the white 100% signal from the Pattern
2. Generator.
   Using the remote control, set the brightness and contrast
3. to normal position.
   Activate the adjustment mode display of **Fig. 2-1** and
4. press the channel button **(2)** on the remote control to select "AKB". The **Fig. 2-3** appears on the display.
   Press the channel button **(2)** on the remote control to
5. select the "R.BIAS".
   Using the VOL. UP/DOWN on the remote control, adjust
6 the R.BIAS.
   Press the CH. UP/DOWN button on the remote control to
7. select the "G.BIAS", "B.BIAS", "R.DRIVE", or "B.DRIVE".
   Using the VOL. UP/DOWN button on the remote control,
8. adjust the G.BIAS, B.BIAS, R.DRIVE or B.DRIVE.
   Perform the above adjustments 7 and 8 until the white
9. color is looked like a white.

ELECTRICAL ADJUSTMENTS

1. AKB AUTO
2. R. BIAS
3. G. BIAS
4. B. BIAS
5. R. DRIVE
6. G. DRIVE
7. B. DRIVE
8. 0. RETURN

Fig. 2-3

2-6: BRIGHTNESS

1. Receive the monoscope pattern. (RF Input)
2. Using the remote control, set the brightness and contrast to normal position.
3. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(4)** on the remote control to select "PICTURE". The **Fig. 2-4** appears on the display.
4. Press the channel button **(1)** on the remote control to select "BRIGHT".
5. Press the VOL. UP/DOWN button on the remote control until the white 25% is starting to be visible.
6. Receive the monoscope pattern. (Audio Video Input)
7. Press the AV button on the remote control to set to the AV mode. Then perform the above adjustments 2~5.

1. BRIGHT
2. CONTRAST
3. COLOR
4. TINT
5. SHARPNESS
6. OSD CONT
7.
8. 0. RETURN

Fig. 2-4

2-7: COLOR

1. Receive the color bar pattern. (RF Input)
2. Connect the oscilloscope to **TP802**.
3. Using the remote control, set the brightness, contrast, color and tint to normal position.
4. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(4)** on the remote control to select "PICTURE". The **Fig. 2-4** appears on the display.
5. Press the channel button **(3)** on the remote control to select "COLOR".
6. Adjust the VOLTS RANGE VARIABLE knob of the oscilloscope until the range between white 100% and 0% is set to 4 scales on the screen of the oscilloscope.
7. Press the VOL. UP/DOWN button on the remote control until the red color level is adjusted to 3.2 scales (85%) ± 5% for the white level. **(Refer to Fig. 2-5)**
8. Receive the color bar pattern. (Audio Video Input)
9. Press the AV button on the remote control to set to the AV mode. Then perform the above adjustment 2~7.

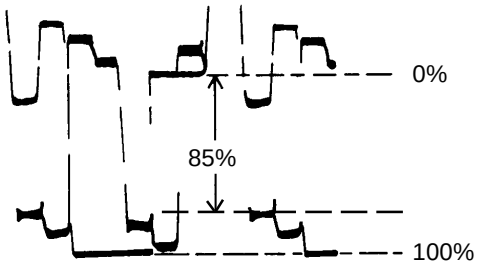


Fig. 2-5

2-8: CONTRAST

1. Receive the monoscope pattern.
2. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(4)** on the remote control to select "PICTURE". The **Fig. 2-4** appears on the display.
3. Press the channel button **(2)** on the remote control to select "CONTRAST".
4. Press the VOL. UP/DOWN button on the remote control until the bar step is set to the "24".

2-9: HORIZONTAL PHASE

1. Receive the monoscope pattern.
2. Using the remote control, set the brightness and contrast to normal position.
3. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(1)** on the remote control to select "H/V". The **Fig. 2-6** appears on the display.
4. Press the channel button **(1)** on the remote control to select "H. PHASE".
5. Press the VOL. UP/DOWN button on the remote control until the SHIFT quantity of the OVER SCAN on right and left screen edges are equal.

1. H. PHASE
2. H. BLK
3. V. SIZE
4. V. POSI
5. V. LIN 50/60
6. V. SC 50/60
7. V. COMP
8. (H. FREQ) 0. RETURN

Fig. 2-6

2-10: VERTICAL POSITION

1. Receive the monoscope pattern.
2. Using the remote control, set the brightness and contrast to normal position.
3. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(1)** on the remote control to select "H/V". The **Fig. 2-6** appears on the display.
4. Press the channel button **(4)** on the remote control to select "V. POSI".
5. Press the VOL. UP/DOWN button on the remote control until the horizontal line of the monoscope comes to approximate center of the CRT.

ELECTRICAL ADJUSTMENTS

2-11: VERTICAL SIZE

1. Receive the monoscope pattern.
2. Using the remote control, set the brightness and contrast to normal position.
3. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(1)** on the remote control to select "H/V". The **Fig. 2-6** appears on the display.
4. Press the channel button **(3)** on the remote control to select "V. SIZE".
5. Press the VOL. UP/DOWN button on the remote control until the SHIFT quantity of the OVER SCAN on upside and downside becomes 8 ± 3%.

2-12: VERTICAL LINEALITY

1. Receive the monoscope pattern.
2. Using the remote control, set the brightness and contrast to normal position.
3. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(1)** on the remote control to select "H/V". The **Fig. 2-6** appears on the display.
4. Press the channel button **(5)** on the remote control to select "V. LIN 50/60".
5. Press the VOL. UP/DOWN button on the remote control until the SHIFT quantity of the OVER SCAN on upside and downside becomes minimum.
6. Receive the monoscope pattern. (Audio Video Input)
7. Press the AV button on the remote control to set to the AV mode. Then perform the above adjustments 2~5.

2-13: OSD HORIZONTAL

1. Using the remote control, set the brightness and contrast to normal position.
2. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(5)** on the remote control to select "OTHERS". The **Fig. 2-2** appears on the display.
3. Press the channel button **(5)** on the remote control to select "OSD H".
4. Press the VOL. UP/DOWN button on the remote control until the difference of A and B becomes minimum. **(Refer to Fig. 2-7)**

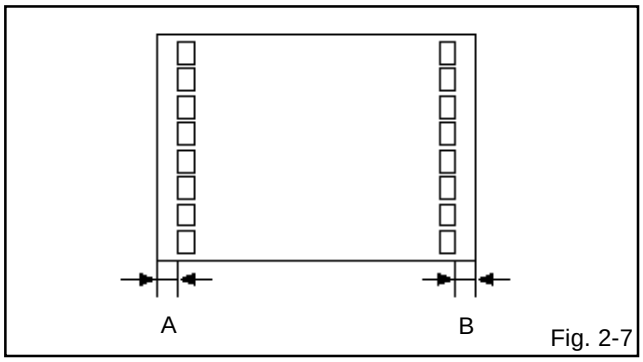


Fig. 2-7

2-14: TINT

1. Receive the color bar pattern.(Audio Video Input)
2. Connect the oscilloscope to **TP801**.
3. Activate the adjustment mode display of **Fig. 2-1** and press the channel button **(4)** on the remote control to select "PICTURE". The **Fig. 2-4** appears on the display.
4. Press the channel button **(4)** on the remote control to select "TINT".
5. Press the VOL. UP/DOWN button on the remote control until the waveform becomes as shown in **Fig. 2-8**.

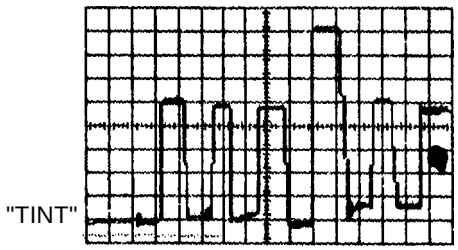
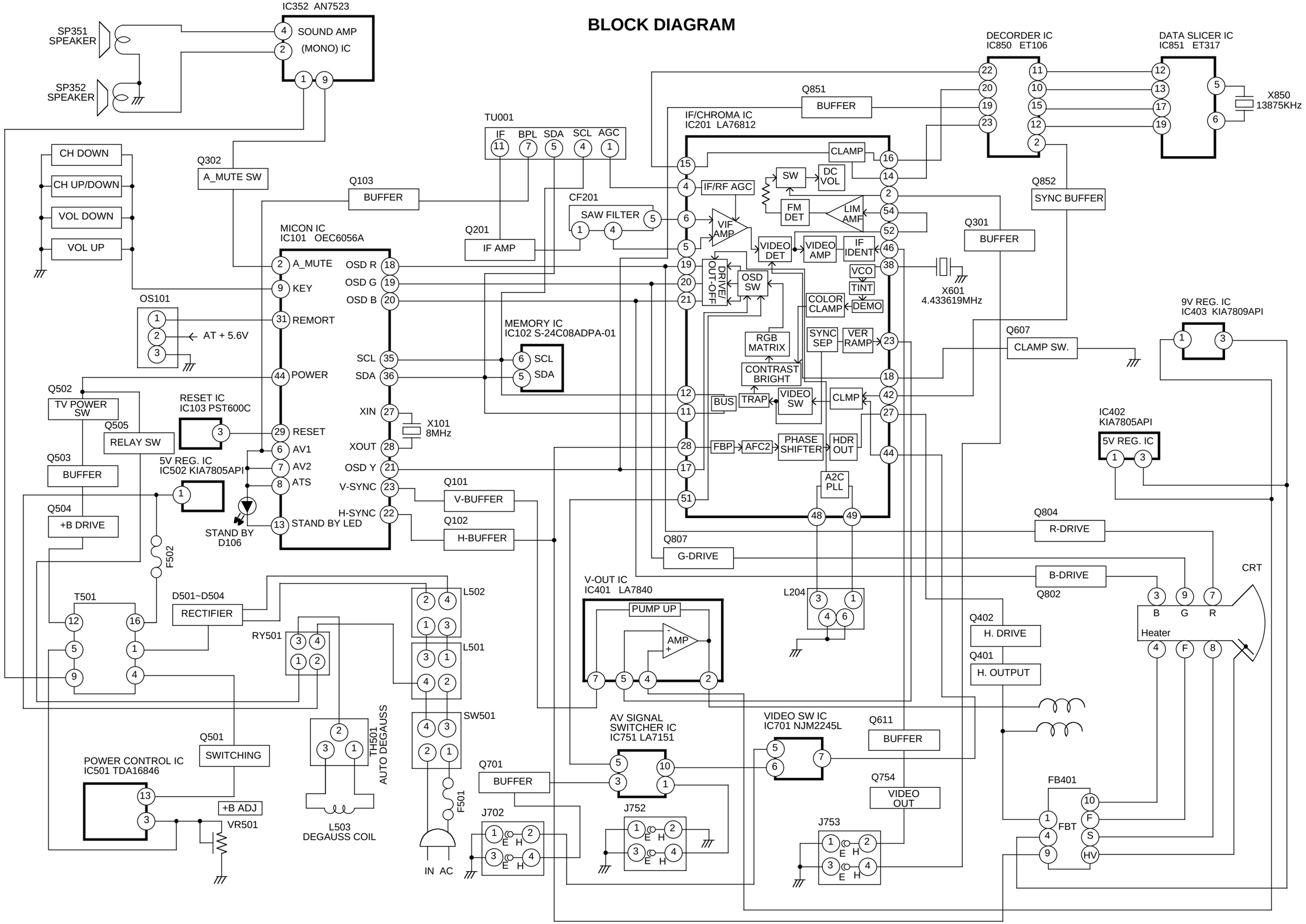


Fig. 2-8

2-15: CONSTANT VOLTAGE

1. Using the remote control, set the brightness and contrast to normal position.
2. Connect the digital voltmeter to **TP501**.
3. Set condition is AV MODE without signal.
4. Adjust the **VR501** until the DC voltage is 135 ± 1V.

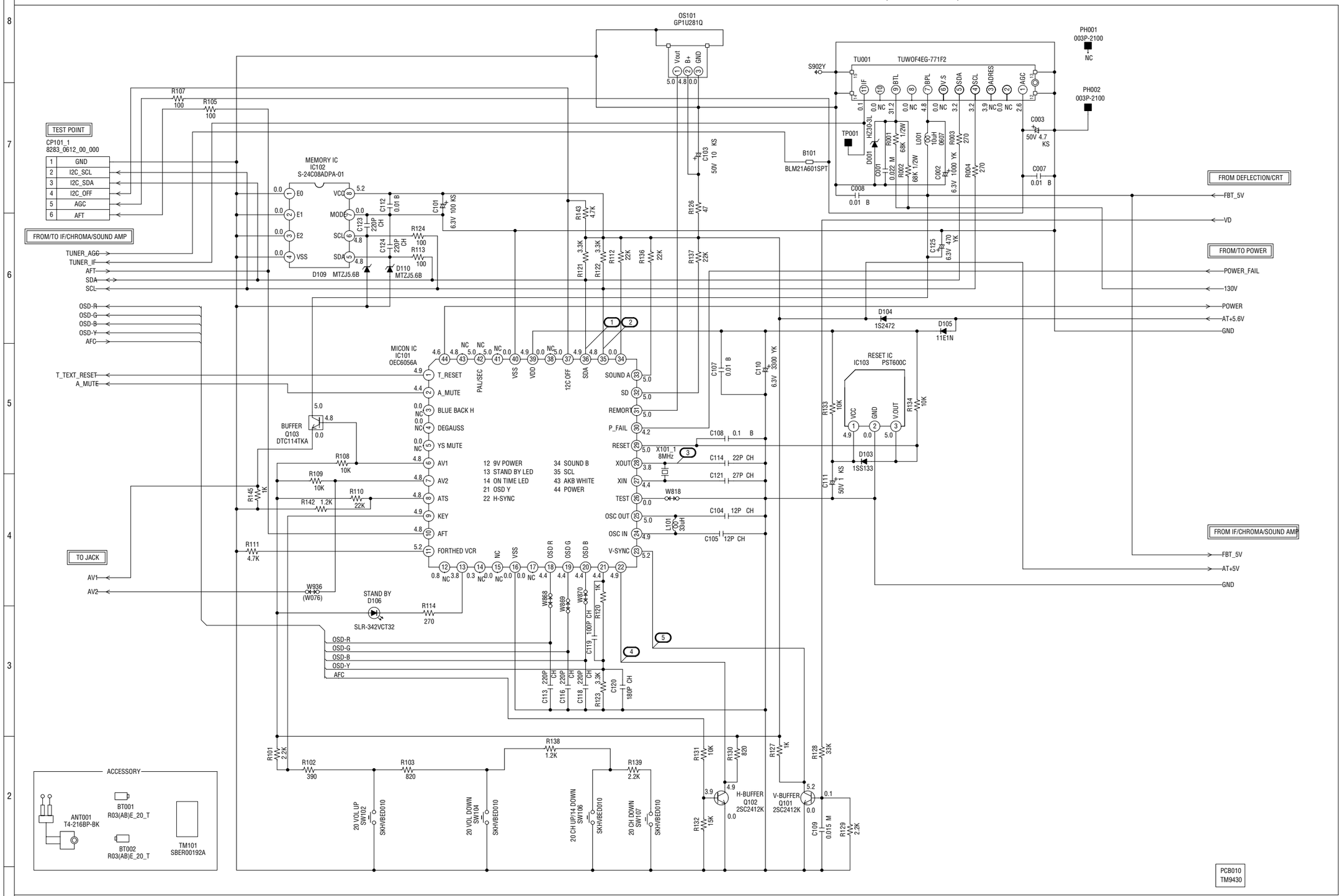
BLOCK DIAGRAM



E-1

E-2

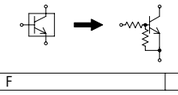
MICON/TUNER SCHEMATIC DIAGRAM (MAIN PCB)



NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE。

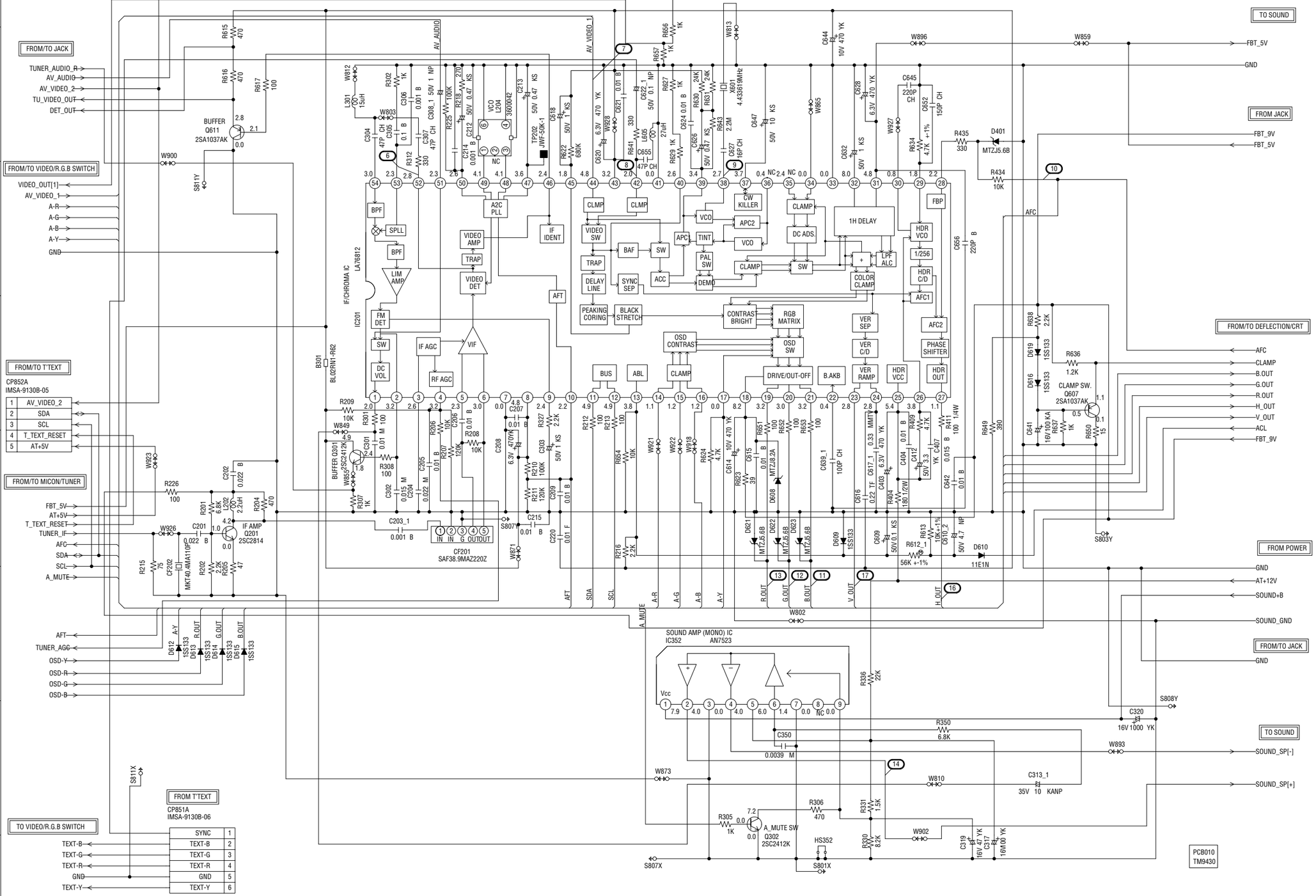
NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

CAUTION: DIGITAL TRANSISTOR



IF/CHROMA/SOUND AMP SCHEMATIC DIAGRAM

(MAIN PCB)

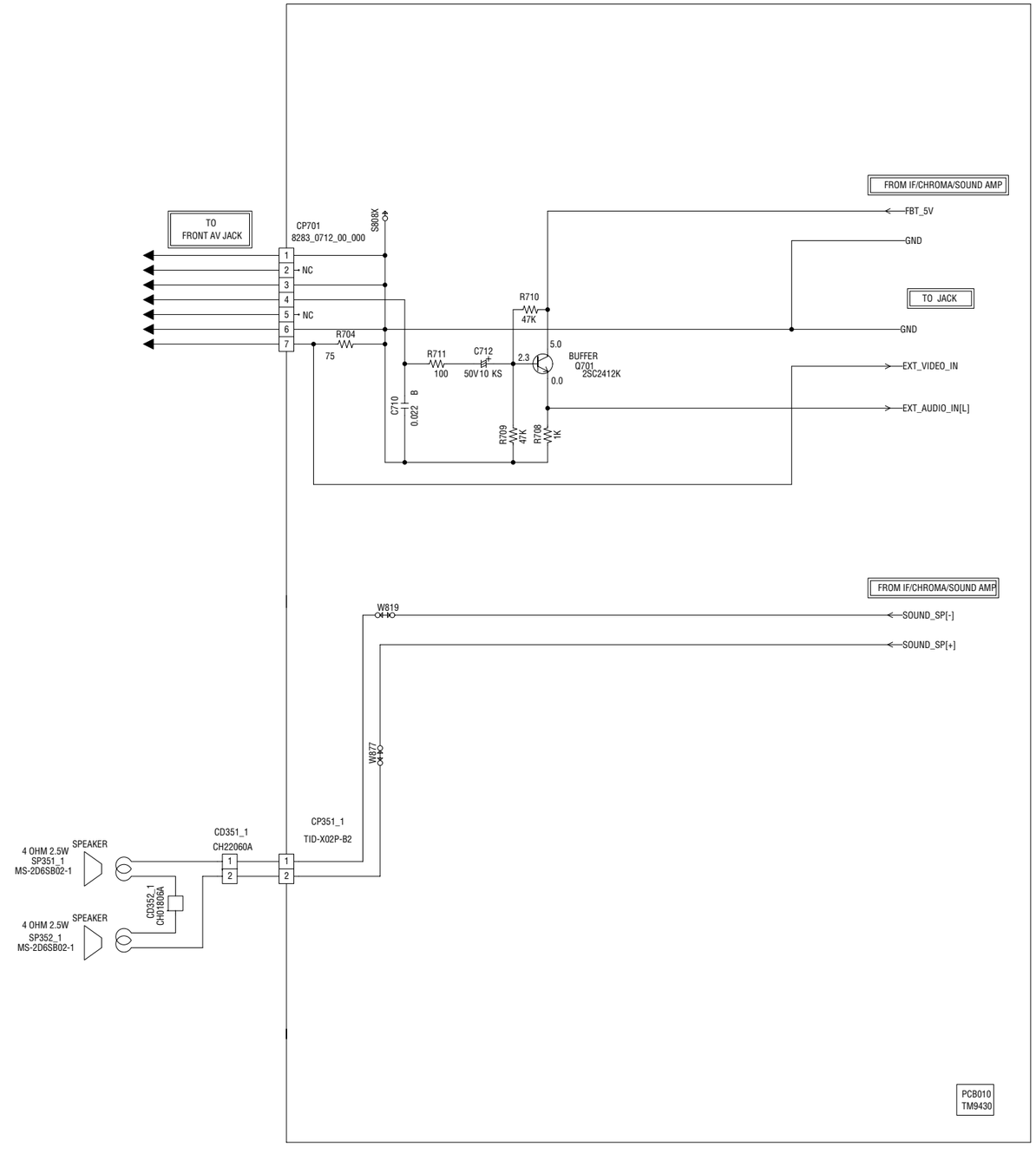


NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE。

NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

SOUND SCHEMATIC DIAGRAM

(MAIN PCB)



NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE。

NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

POWER SCHEMATIC DIAGRAM

(MAIN PCB)

2A 125V　1A 250V　4A 250V

CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH THE SAME TYPE FUSE 4A 250V(F501) ,1A 250V(F502) AND 2A 125V (ICP501)

ATTENTION: POUR UNE PROTECTION CONTINUE LES RISQUES D'INCEIE N'UTILISER QUE DES FUSIBLE DE MEME TYPE ,1A 250V(F502) ET 2A 125V (ICP501)

CAUTION: ICP501 ARE MANUFACTURED BY LITTELFUSE INC.,TYPE 251.

D506 1S2472
RELAY SW Q505 2SC2001_L
R504 10K 1/4W
R505 10K 1/4W
RY501 ALKS321
C525 100P KX 250V
C527 100P KX 250V
C502 0.0022 KX 250V
LINE FILTER L502 FK0B160MH14
C526 250V 0.22 MMCA
R501 1.5M 1/2W
AUTO DEGAUSS TH501 PTH451C262BF140M
LINE FILTER L501_1 SS24H-07200
C501 250V 0.22 ECQUL
SDDFC30400 SW301 MAIN SWITCH
FH501 EYF-52BC
F501 T4A_L_250V
4A 250V
FH502 EYF-52BC
BLUE BROWN
CP501 THL-P03P-B1
CP502 TV-50P-02-A1
AC240V_50Hz CD501 1206665817
DEGAUSS COIL L503 8H200015
R503 5.6 7W
D502 RM11C
D503 RM11C
D501 RM11C
D504 RM11C
C506 2KV 0.0022 B
C507 2KV 0.0022 B
C508 500V 0.0022 B
C505 400V 100 USP
HS501 NC NC
C503 25V 100 YK
C533 330P B
R530 12K
R529 10M 1/2W
W863
R532 1.5M 1/2W
W917
R513 68K 3W
D507 HZ36-1L
D509 HZ36-1L
R514 68K 3W
C513 630V 0.022 PP
D505 1R5NU41
C514_1 2KV 330P YR
B501 BL01RN1-A63
SWITCHING Q501 2SK2651-01MR
R512 47 1/4W
B502 BL02RN2-R62
C515 2KV 330P BN
C531 2KV 470P BN
POWER CONTROL IC IC501 TDA16846
D508 10ELS6
R526 10K
C504 500V 100P B
R527 5.6K
VR501 4.7K
+B ADJ
R525 47K
C510 0.0018 M
C512 0.015 M
C511 680P B
C532 250V 470P KX
T501 8140051W
300 / 310.3 NC / 353.9 / 15.15 / 782.2 NC / 0
12.4 / 6.87 / 158.34 NC / 136.28 / 75.44 NC / 0 / 0 / 18.8
ICP501 251002
B504 BL01RN1-A63
D515 15DF6-FC
R524 2.2 5W
C529 500V 470P B
C535 10V 22 KS
R522 10K
TV POWER SW Q502 2SC2909 ST
R519 10K
R520 82K 1/4W
BUFFER Q503 2SA1371DE
+B DRIVE Q504 2SC4160
R523 10K
C524 160V 47 BXA
TP501
R533 10K
B503 BL01RN1-A63
R516 15 3W
D510 15DF6-FC
C516_1 2KV 820P YR
C519 200V 100 YK
R511 120K 1/2W
S903Y
FH503 EYF-52BC
F502 T1A_L_250V
FH504 EYF-52BC
D511 10ELS6
5V REG IC IC502_1 KIA7805API
1A 250V
W956
V.IN / GND / V.OUT
9.6 / 0.6 / 5.6
CC001 CC002
C517 25V 470 YK
C520 25V 100 YK
D513 1SS133
C521 50V 1 KS
C534 330P B
D512 10ELS6
D514 MTZJ7.5B
C518 50V 1 KS
R517 6.8K
C522 0.01 B
R521 10K
D516 MTZJ5.1B

TO DEFLECTION/CRT
130V
GND

FROM/TO MICON/TUNER
GND
130V
POWER
AT+5.6V
POWER_FAIL

TO IF/CHROMA/SOUND AMP
GND
SOUND+B
SOUND_GND
AT+12V

PCB010 TM9430

CAUTION: SINCE THESE PARTS MARKED BY ⚠ ARE CRITICAL FOR SAFETY,USE ONES DESCRIBED IN PARTS LIST ONLY 。

ATTENTION: LES PIECES REPAREES PAR UN ⚠ ETANT DANGEREUSES AN POINT DE VUE SECURITE N'UTILISER QUE CELLS DECRITES DANS LA NOMENCLATURE DES PIECES。

NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE 。

DEFLECTION/CRT SCHEMATIC DIAGRAM (MAIN PCB)

FROM/TO IF/CHROMA/SOUND AMP

GND
CLAMP
G.OUT
B.OUT
R.OUT
V_OUT
AFC
ACL
H_OUT
FBT_9V

TO MICON/TUNER

VD
FBT_5V

FROM POWER

130V
GND

S902X S903X

CP802A 51048-0510

CD802 2E054201

CP802B 51048-0510

V-OUT IC
IC401 LA7840
THERMAL PROTECTION
PUMP UP
AMP
GND 0.0 | 2 15.3 | 3 25.1 | 4 3.7 | 5 3.7 | VCC 6 24.0 | 7 5.3

9V REG. IC
IC403 KIA7809API
IN 1 11.7 | GND 2 0.0 | OUT 3 9.1

5V REG. IC
IC402 KIA7805API
IN 1 11.7 | GND 2 0.0 | OUT 3 5.0

CORE FERRITE
L802
ESD-R-30SD

DY801

CP407
B6B-DVS

CP801
TS-80P-03-V1

CD801
CP83035A

V801
A51LMU50X50S50
R
G
B

W903
C802_1 100P B
C806_1 2KV 0.0022 B
120.4 RED
130.6 294.5
4.6
BLUE 126.3
J801
HPS3200-010501

GREEN TP803
RED TP802
BULE TP801
R804 15K 2W
R806 15K 2W
R808 15K 2W
R821 2.7K 1/4W
R819 2.7K 1/4W
R817 2.7K 1/4W

W807

B-DRIVE Q802 2SC4217
R-DRIVE Q804 2SC4217
G-DRIVE Q807 2SC4217
W880
C804 470P B
R801 270
R813 4.7K
C807 470P B
R815 270
R815 4.7K
C810 470P B
R822 270
R823 4.7K
C820 0.001 B

R414 3.9K 1/4W
C410 35V 470 YK
C414 35V 100 YK
C415 500V 100P SL
D403 11E1N
R418_1 12K +-1%
R420 27K
R410 330 1/2W
C430_1 100V 0.068 TF
R412 330 1/2W
R417 12K +1%
R419 1K
C417 50V 2.2 KS
C418_1 25V 2200 MHE
R425 2.7 1/4W +1%
R407_2 2.7 1/4W
C427 50V 10 MHE
R432 1.2K 1/2W
C425 50V 4.7 KS
R402 15K
R431 1.5K 1/4W
R403 18K
C429 0.0022 B
C408 16V 1000 YK
R416 33 1W
HS402
R430 1201W
C426_1 10V 2200 YK
C423 0.015 M

R401 1K 1W
C401_1 2KV 0.001 YR
L401 2R000008_1429MS
C413 250V 1 YK
L410 4.7mH 0909
C437 250V 0.39 ECWF
T401 305Y002
C439 500V 22P SL
C440 500V 470P B
R423 68 1/2W
FB401 3220046F
H.OUTPUT Q401 2SD2499
H.DRIVE Q402 2SC2688
R446 4.7K 1/2W
R427 100 1/4W
HS401 NC
B401 BL01RN1-A63
C443 0.0047 DKR 1.6KV
C444_1 2KV 820P YR
D405 MTZJ9.1B
D410 10ELS6
C420 1KV 0.001 B
R448 8.2K 5W
W811
C446 160V 1YK
L406 18uH
R422 3.3K 1/2W
C409 500V 150P B
R405 12 1/2W
C416 200V 0.012 PP
R428 12 1/2W
W862
D407 10ELS6
R429 3.9 1W
C433 35V 470 MHE
R406 330K 1/2W
C448 200V 10 MHE
C435 100V 0.047 TF
R421 220K 1/2W
S803X
S801Y
HS403
D404 10ELS6
R408 1.5 2W
C405_1 16V 220 MHE

FOCUS
SCREEN
CP804 005P-2100

CP803A 51052-0400
CD803 2E043201
CP803B 51052-0400

PCB010 TM9430
PCB110 TC9290

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE 。

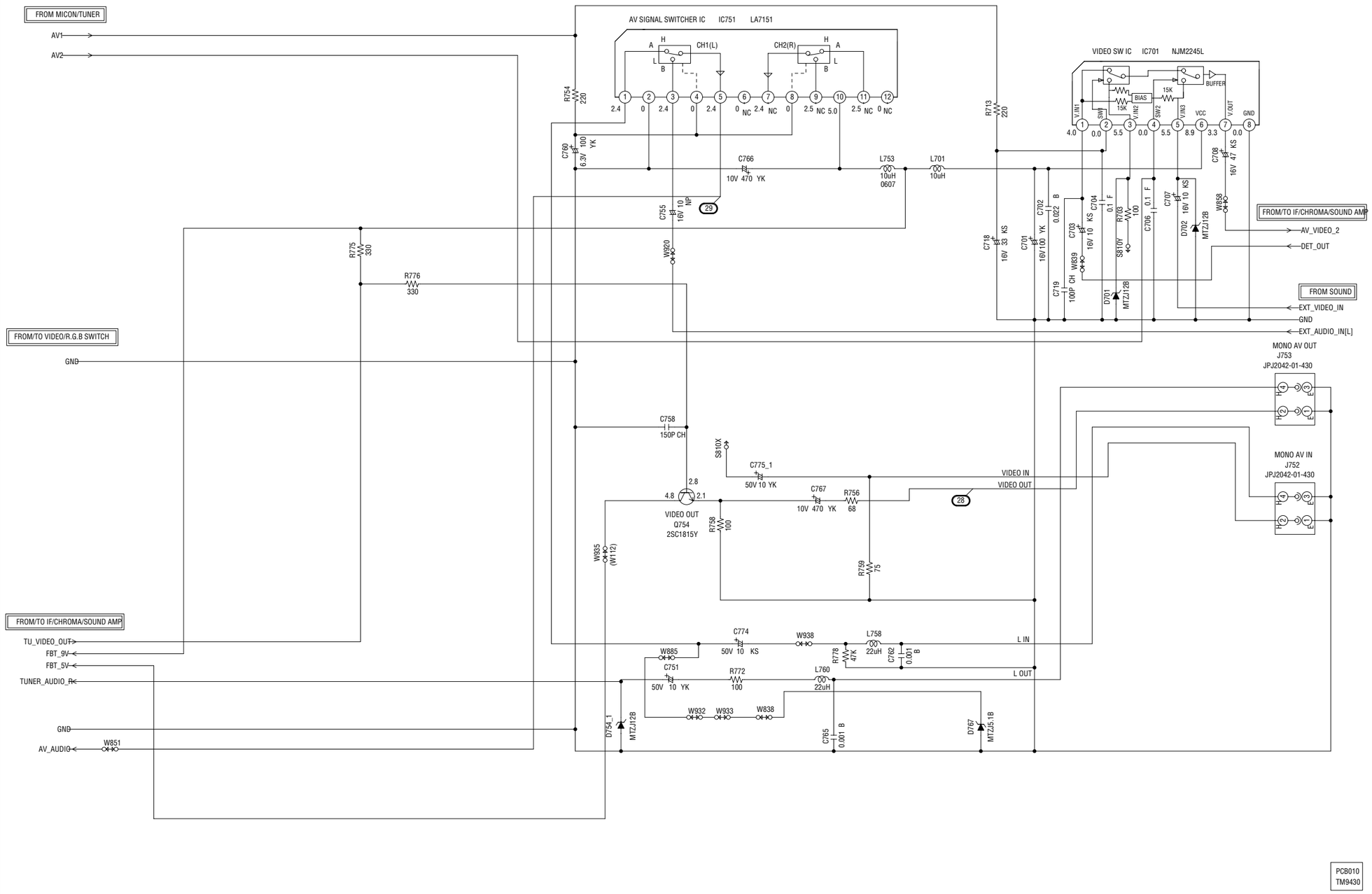
NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

CAUTION: SINCE THESE PARTS MARKED BY ⚠ ARE CRITICAL FOR SAFETY,USE ONES DESCRIBED IN PARTS LIST ONLY 。

ATTENTION: LES PIECES REPAREES PAR UN ⚠ ETANT DANGEREUSES AN POINT DE VUE SECURITE N'UTILISER QUE CELLS DECRITES DANS LA NOMENCLATURE DES PIECES。

JACK SCHEMATIC DIAGRAM

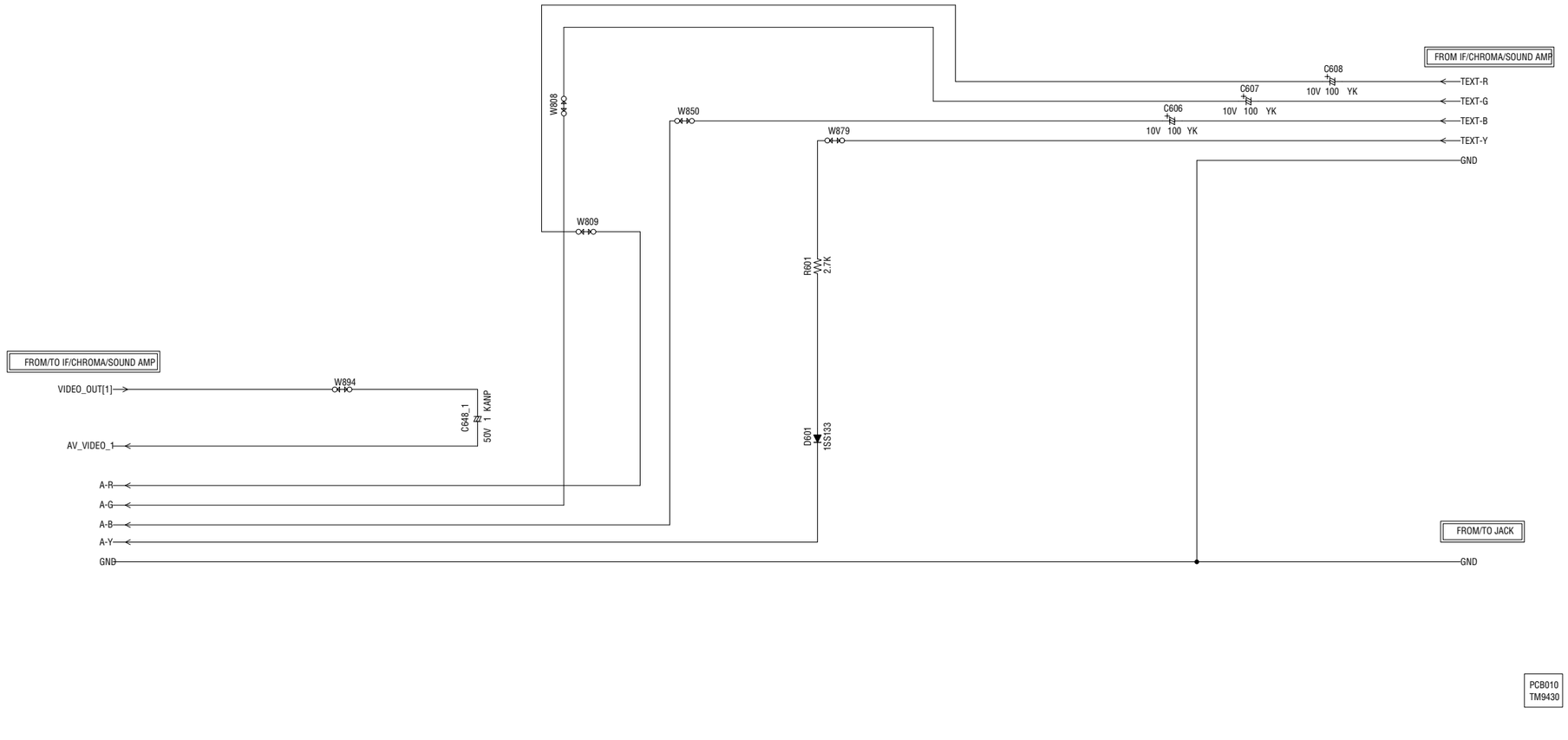
(MAIN PCB)



NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE。

NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

VIDEO/R.G.B SWITCH SCHEMATIC DIAGRAM
(MAIN PCB)

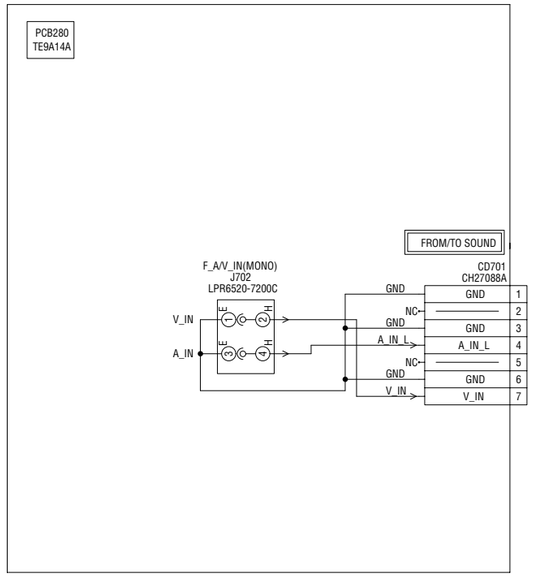


NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE。

NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

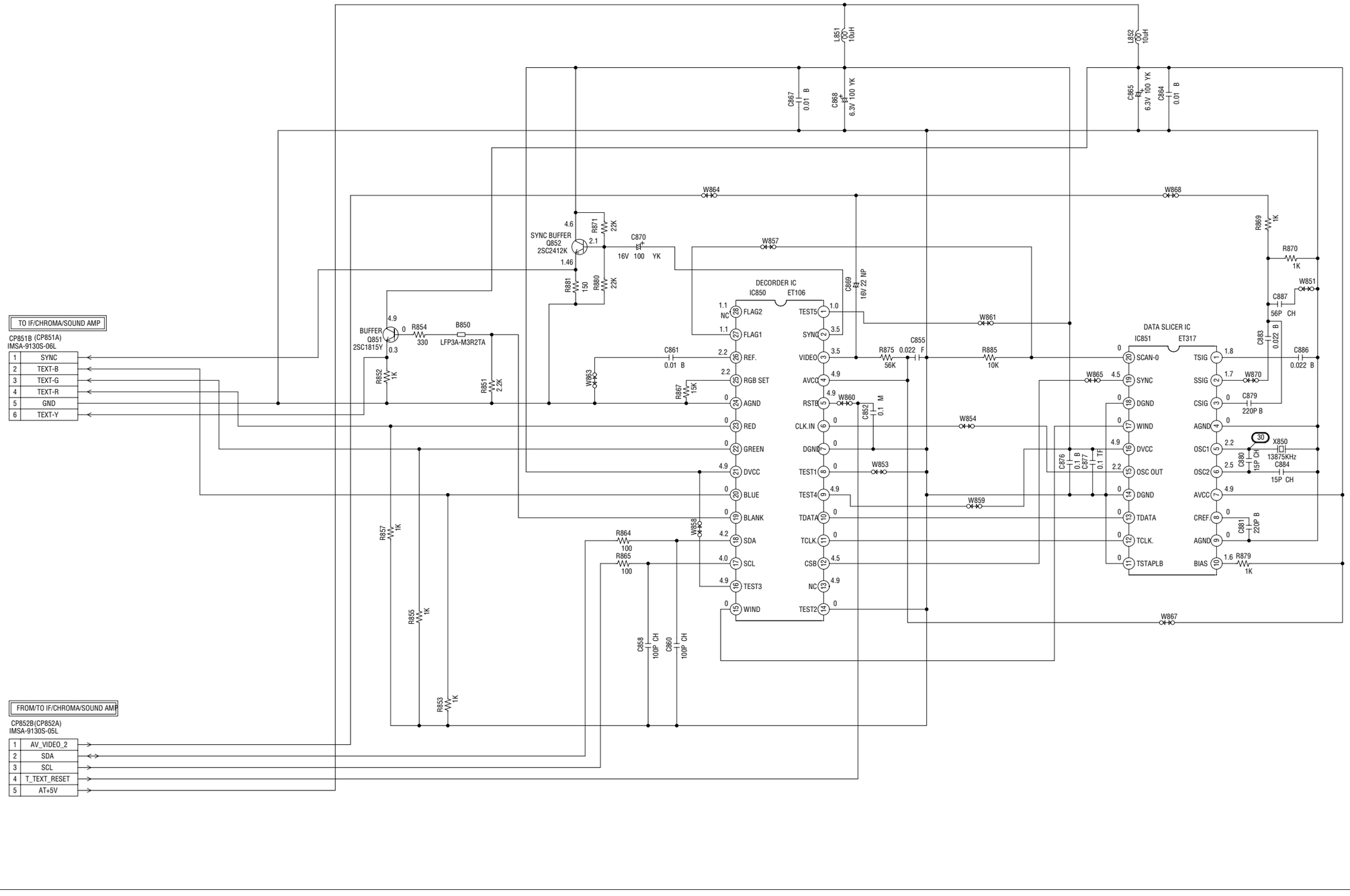
FRONT AV JACK SCHEMATIC DIAGRAM

(FRONT AV JACK PCB)



NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME
OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE。

T'TEXT SCHEMATIC DIAGRAM (T'TEXT PCB)



NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE。

NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.