

# **JVC**

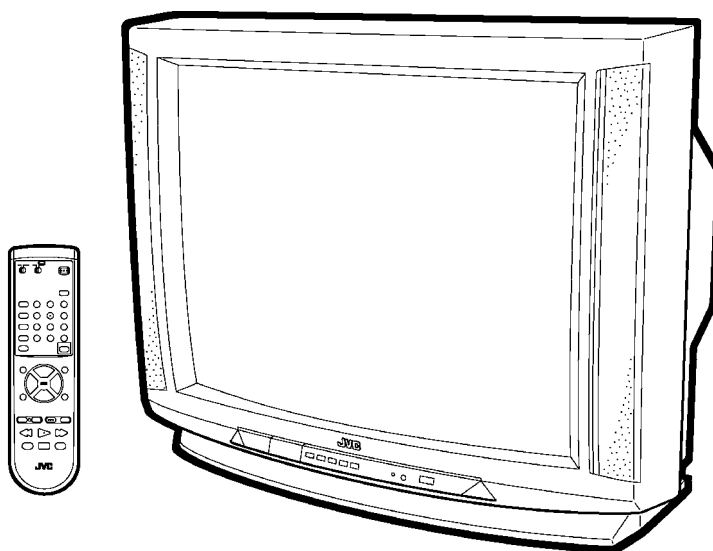
# **SERVICE MANUAL**

## **COLOR TELEVISION**

**AV-27D302<sub>/S</sub>**  
**AV-27D302<sub>/R</sub>**  
**AV-27D202<sub>/S</sub>**  
**AV-27D202<sub>/R</sub>**

BASIC CHASSIS

FD



MEMORY IC REPLACEMENT

1. Memory IC

This model uses a memory IC.  
This memory IC stores data for proper operation of the video and deflection circuits.  
When replacing, be sure to use an IC containing this (initial value) data.

2. Memory IC replacement procedure

| Procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Screen display                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(1) <b>Power off</b><br/>Switch off the power and disconnect the power cord from the outlet.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>(2) <b>Replace the memory IC</b><br/>Initial value must be entered into the new IC.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>(3) <b>Power on</b><br/>Connect the power cord to the outlet and switch on the power.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>(4) <b>System constant check and setting</b><br/>1) Press <b>SLEEP TIMER</b> key and, while the indication of “<b>SLEEP TIMER 0 MIN.</b>” is being displayed, press <b>DISPLAY</b> key and <b>VIDEO STATUS</b> key on the remote control unit simultaneously.<br/>2) The SERVICE MENU screen of Fig.1 is displayed.<br/>3) While the SERVICE MENU is displayed, again simultaneously press the <b>DISPLAY</b> and <b>VIDEO STATUS</b> keys to display the Fig.2 SYSTEM CONSTANT screen.<br/>4) Refer to the SYSTEM CONSTANT table and check the setting items.<br/>Where these differ, select the setting item with the <b>UP/DOWN (▲/▼)</b> key and adjust the setting with the <b>LEFT/RIGHT (◀/▶)</b> keys.<br/>5) After adjusting, release the <b>LEFT/RIGHT(◀/▶)</b> key to store the setting value.<br/>6) Press the <b>EXIT</b> key twice to return the normal screen.</p> | <div><div>SERVICE MENU</div><div><div>PICTURE</div><div>SOUND</div><div>THEATER</div><div>LOW LIGHT</div><div>HIGH LIGHT</div><div>RF AFC CHK</div></div><div><div>SELECT BY</div><div>OPERATE BY</div><div>EXIT BY</div><div>EXIT</div></div></div> <p>Fig.1</p> <div><div>SYSTEM CONSTANT</div><div><div>MODEL</div><div>:</div><div>**-****</div></div><div><div>V-CHIP</div><div>:</div><div>YES</div></div><div><div>CAN V-CHIP</div><div>:</div><div>YES</div></div><div>*****</div><div><div>SELECT BY</div><div>OPERATE BY</div><div>EXIT BY</div><div>EXIT</div></div></div> <p>Fig.2</p> |
| <p>(5) <b>Receive channel setting</b><br/>Refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the receive channels (Channels Preset) as described.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>(6) <b>User settings</b><br/>Check the user setting items according to Table 2.<br/>Where these do not agree, refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the items as described.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>(7) <b>SERVICE MENU setting</b><br/>Verify what to set in the SERVICE MENU, and set whatever is necessary.(Fig.1) Refer to the SERVICE ADJUSTMENT for setting.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

TABLE 1 (System Constant setting)

| Setting item | Setting content | Setting value   |                 |
|--------------|-----------------|-----------------|-----------------|
|              |                 | AV-27D302/R, /S | AV-27D202/R, /S |
| MODEL        |                 | AV-27D302       | AV-27D202       |
| V-CHIP       |                 | YES             | YES             |
| CAN V-CHIP   |                 | YES             | YES             |

TABLE 2 (User setting value)

| Setting item                  | Setting value               |
|-------------------------------|-----------------------------|
| 1. Use remote controller keys |                             |
| POWER                         | ON                          |
| CHANNEL                       | CH 02                       |
| CHANNEL PRESET                | See OPERATING INSTRUCTIONS. |
| VOLUME                        | 10                          |
| TV/VIDEO(INPUT)               | TV                          |
| DISPLAY                       | OFF                         |
| SLEEP TIMER                   | OFF                         |
| VIDEO STATUS                  | STANDARD                    |
| HYPER SURROUND                | OFF                         |
| 2. Setting of MENU            |                             |
| TINT                          | CENTER                      |
| COLOR                         | CENTER                      |
| PICTURE                       | CENTER                      |
| BRIGHT                        | CENTER                      |
| DETAIL                        | CENTER                      |
| NOISE MUTING                  | ON                          |
| SET VIDEO STATUS              | ALL CENTER                  |
| BASS                          | CENTER                      |
| TREBLE                        | CENTER                      |
| BALANCE                       | CENTER                      |
| MTS                           | STEREO                      |
| TV SPEAKER                    | ON                          |
| SET CLOCK                     | Unnecessary to set          |
| ON/OFF TIMER                  | NO                          |
| LANGUAGE                      | ENGLISH                     |
| CLOSED CAPTION                | OFF                         |
| BACKGROUND                    | BLACK                       |
| V2 COMPONENT IN               | NO                          |
| AUTO TUNER SETUP              | TUNER MODE : AIR            |
| CHANNEL SUMMARY               | Unnecessary to set          |
| V-CHIP                        | OFF                         |
| V-CHIP RATINGS                | ALL OFF                     |
| SET LOCK CODE                 | Unnecessary to set          |
| UNRATED                       | VIEW                        |

## BASIC OPERATION OF SERVICE MENU

### 1. TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

### 2. SERVICE MENU ITEMS

In general, basic setting (adjustments) items or verifications are performed in the SERVICE MENU.

- PICTURE ..... This sets the setting values (adjustment values) of the VIDEO/CHROMA and DEFLECTION circuits.
- SOUND ..... This sets the setting values (adjustment values) of the AUDIO circuit.
- THEATER ..... This is used when the THEATER MODE is adjusted.
- LOW LIGHT ..... This sets the setting values (adjustment values) of the WHITE BALANCE circuit.
- HIGH LIGHT ..... This sets the setting values (adjustment values) of the WHITE BALANCE circuit.
- RF AFC CHK ..... This is used when the IF VCO is adjusted. **[Do not adjust]**

### 3. Basic Operations of the SERVICE MENU

#### (1) How to enter the SERVICE MENU.

Press **SLEEP TIMER** key and, while the indication of "SLEEP TIMER 0 MIN." is being displayed, press **DISPLAY** key and **VIDEO STATUS** key on the remote control unit simultaneously to enter the **SERVICE MENU** screen ① shown in the next figure page.

#### (2) SERVICE MENU screen selection

Press the **UP / DOWN(▲/▼)** key to select any of the following items.

- |              |              |
|--------------|--------------|
| ● PICTURE    | ● SOUND      |
| ● THEATER    |              |
| ● LOW LIGHT  | ● HIGH LIGHT |
| ● RF AFC CHK |              |

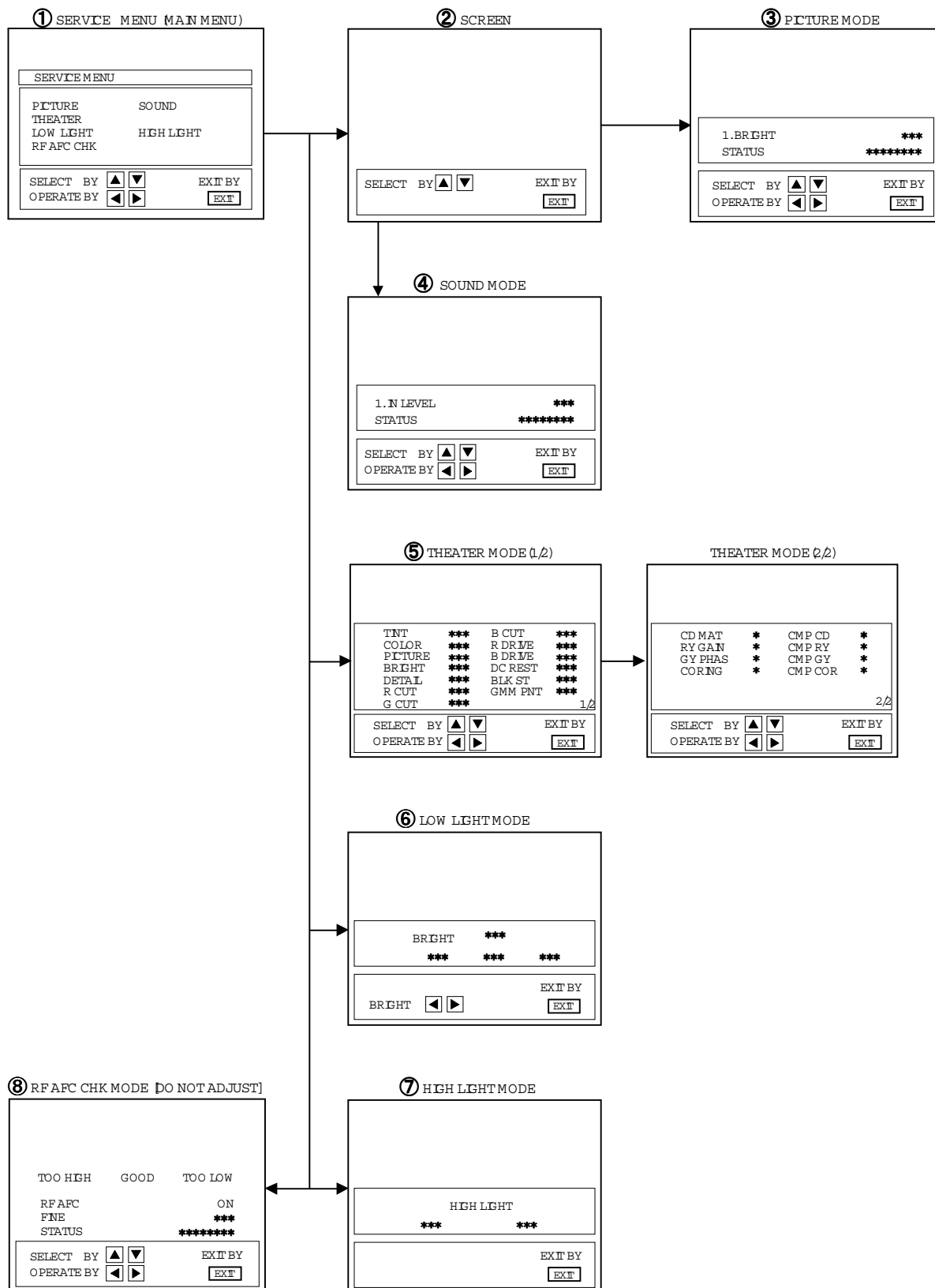
#### (3) Enter the any setting ( adjustment ) mode

##### ● PICTURE and SOUND mode

- 1) If select any of PICTURE or SOUND items, and the **LEFT / RIGHT(◀/▶)** key is pressed from SERVICE MENU ( MAIN MENU ), the screen ② will be displayed as shown in figure page later.
- 2) Then the **UP / DOWN(▲/▼)** key is pressed, the PICTURE mode screen ③ or the SOUND mode screen ④ is displayed, and the PICTURE or SOUND setting can be performed.

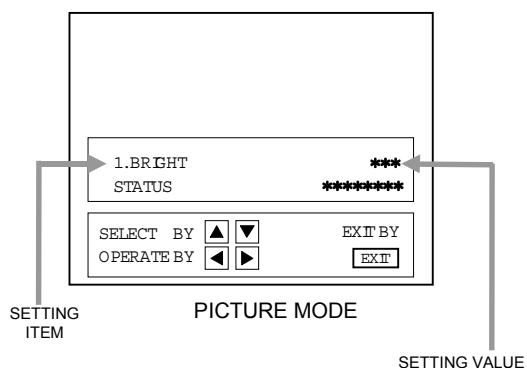
##### ● THEATER, LOW LIGHT, HIGH LIGHT and RF AFC CHK mode

- 1) If select any of THEATER / LOW LIGHT / HIGH LIGHT / RF AFC CHK items, and the **LEFT / RIGHT(◀/▶)** key is pressed from SERVICE MENU ( MAIN MENU ), the screens ⑤ ⑥ ⑦ ⑧ will be displayed as shown in figure page later.
- 2) Then the settings or verifications can be performed.



#### (4) Setting method

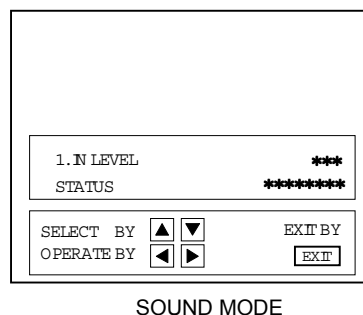
- 1) **UP / DOWN (▲/▼)** key.  
Select the SETTING ITEM.
- 2) **LEFT / RIGHT (◀/▶)** key.  
Setting (adjust) the SETTING VALUE of the SETTING ITEM.  
When the key is released the SETTING VALUE will be stored (memorized).
- 3) **EXIT** key  
Return to the previous screen.



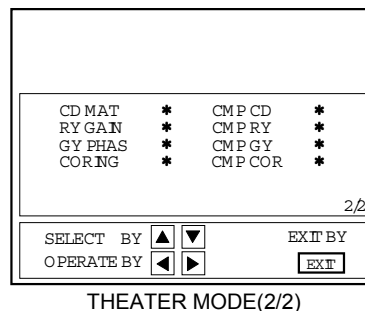
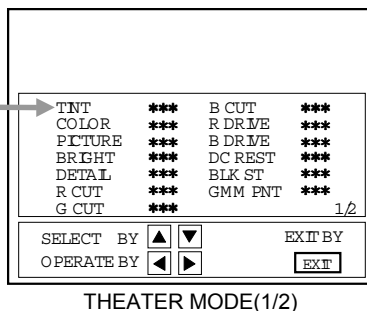
#### (5) Releasing SERVICE MENU

- 1) After returning to the SERVICE MENU upon completion of the setting (adjustment) work, press the EXIT key again.

★ The settings for LOW LIGHT and HIGH LIGHT are described in the WHITE BALANCE page of ADJUSTMENT.



(The letter of the selected items are displayed in yellow.)



## INITIAL SETTING VALUE OF SERVICE MENU

- Adjustment of the SERVICE MENU is made on the basis of the initial setting values; however, the new setting values which set the screen in its optimum condition may differ from the initial setting.
- Do not change the initial setting values of the setting (adjustment) items not listed in “ADJUSTMENT”.

### PICTURE MODE

- The 5 setting items in the video mode No.6 EXT BRI, No.7 EXT PICT, No.8 EXT CLR, No.9 EXT TINT and No.10 EXT DTL are linked to the items in the TV MODE No.1 BRIGHT, No.2 PICTURE, No.3 COLOR, No.4 TINT and No.5 TV DTL respectively. When the setting items in the TV mode are adjusted, the values in the setting items in the video mode are revised automatically to the same values in the TV mode. (The initial setting values given in parenthesis are offset values.)
- When the 5 items (No.6, 7, 8, 9 and 10) are adjusted in the video mode, the setting values in each item are changed independently.

| No. | Setting (Adjustment) items | Variable range | Initial setting value        |                              |
|-----|----------------------------|----------------|------------------------------|------------------------------|
|     |                            |                | AV-27D302 /S<br>AV-27D202 /S | AV-27D302 /R<br>AV-27D202 /R |
| 1.  | BRIGHT                     | 000~127        | 064                          | 064                          |
| 2.  | PICTURE                    | 000~127        | 100                          | 100                          |
| 3.  | COLOR                      | 000~127        | 055                          | 055                          |
| 4.  | TINT                       | 000~127        | 087                          | 087                          |
| 5.  | TV DTL                     | 000~63         | 050                          | 050                          |
| 6.  | EXT BRI.                   | ±025           | ±000                         | ±000                         |
| 7.  | EXT PICT.                  | ±025           | +002                         | +002                         |
| 8.  | EXT CLR                    | ±025           | ±000                         | ±000                         |
| 9.  | EXT TINT                   | ±025           | -005                         | -005                         |
| 10. | EXT DTL                    | 000~63         | 050                          | 050                          |
| 11. | CMP BRI                    | ±025           | -001                         | -001                         |
| 12. | CMP PICT                   | ±025           | ±000                         | ±000                         |
| 13. | CMP CLR                    | 000~127        | 072                          | 072                          |
| 14. | CMP TINT                   | 000~127        | 037                          | 037                          |
| 15. | CMP DTL                    | 000~63         | 050                          | 050                          |
| 16. | CMP R CT                   | ±025           | +008                         | +008                         |
| 17. | CMP G CT                   | ±025           | ±000                         | ±000                         |
| 18. | CMP B CT                   | ±025           | +008                         | +008                         |
| 19. | CMP R DR                   | ±025           | ±000                         | ±000                         |
| 20. | CMP B DR                   | ±025           | -002                         | -002                         |
| 21. | WPL                        | 000 / 001      | 001                          | 001                          |
| 22. | C TRAP                     | 000 / 001      | 000                          | 000                          |
| 23. | CORING                     | 000 / 001      | 001                          | 001                          |
| 24. | CMP CORI                   | 000 / 001      | 001                          | 001                          |
| 25. | TV SHAP                    | 000 / 001      | 001                          | 001                          |
| 26. | EXT SHAP                   | 000 / 001      | 001                          | 001                          |
| 27. | CMP SHAP                   | 000 / 001      | 001                          | 001                          |
| 28. | RGB CONT                   | 000~63         | 016                          | 016                          |
| 29. | TV ID S                    | 000 / 001      | 000                          | 000                          |
| 30. | EXT ID S                   | 000 / 001      | 000                          | 000                          |

| No. | Setting (Adjustment) items | Variable range | Initial setting value        |                              |
|-----|----------------------------|----------------|------------------------------|------------------------------|
|     |                            |                | AV-27D302 /S<br>AV-27D202 /S | AV-27D302 /R<br>AV-27D202 /R |
| 31. | F ID                       | 000 / 001      | 000                          | 000                          |
| 32. | Y MUTE                     | 000 / 001      | 000                          | 000                          |
| 33. | SUB CONT                   | 000~015        | 008                          | 008                          |
| 34. | R Y GAIN                   | 000 / 001      | 001                          | 001                          |
| 35. | CMP R Y                    | 000 / 001      | 001                          | 001                          |
| 36. | G Y PHAS                   | 000 / 001      | 001                          | 001                          |
| 37. | CMP G Y                    | 000 / 001      | 001                          | 001                          |
| 38. | CD MATRI                   | 000~003        | 003                          | 003                          |
| 39. | CMP CD M                   | 000~003        | 001                          | 001                          |
| 40. | BLK ST                     | 000~003        | 001                          | 001                          |
| 41. | DC REST                    | 000~003        | 001                          | 001                          |
| 42. | CLR GMM                    | 000 / 001      | 000                          | 000                          |
| 43. | UV / CBCR                  | 000 / 001      | 000                          | 000                          |
| 44. | AT FLESH                   | 000 / 001      | 000                          | 000                          |
| 45. | ABL GAIN                   | 000~003        | 000                          | 000                          |
| 46. | ABL ST P                   | 000~003        | 003                          | 003                          |
| 47. | RGB ABCL                   | 000 / 001      | 001                          | 001                          |
| 48. | TV B/T                     | 000 / 001      | 001                          | 001                          |
| 49. | EXT B/T                    | 000 / 001      | 000                          | 000                          |
| 50. | GMM PNT                    | 000~003        | 003                          | 003                          |
| 51. | BUZZ                       | 000 / 001      | 000                          | 000                          |
| 52. | RF AGC                     | 000~063        | 045                          | 045                          |
| 53. | AFT SENS                   | 000 / 001      | 001                          | 001                          |
| 54. | R/G DRV                    | 000 / 001      | 001                          | 001                          |
| 55. | BLK SW                     | 000 / 001      | 000                          | 000                          |
| 56. | V S COR                    | 000~015        | 011                          | 011                          |
| 57. | V LIN                      | 000~015        | 012                          | 012                          |
| 58. | V SIZE                     | 000~127        | 037                          | 037                          |
| 59. | V AGC                      | 000 / 001      | 000                          | 000                          |
| 60. | TV AFC                     | 000~003        | 001                          | 001                          |
| 61. | EXT AFC                    | 000~003        | 002                          | 002                          |
| 62. | V POSI                     | 000~007        | 000                          | 000                          |
| 63. | H POSI                     | 000~031        | 015                          | 015                          |
| 64. | TV V FR                    | 000~003        | 000                          | 000                          |
| 65. | EXT V FR                   | 000~003        | 003                          | 003                          |
| 66. | STND BY                    | 000 / 001      | 000                          | 000                          |
| 67. | V RMP RE                   | 000 / 001      | 001                          | 001                          |
| 68. | V 48HZ                     | 000 / 001      | 000                          | 000                          |
| 69. | V EHT                      | 000~007        | 000                          | 000                          |
| 70. | H EHT                      | 000~007        | 000                          | 000                          |

| No. | Setting (Adjustment) items | Variable range | Initial setting value        |                              |
|-----|----------------------------|----------------|------------------------------|------------------------------|
|     |                            |                | AV-27D302 /S<br>AV-27D202 /S | AV-27D302 /R<br>AV-27D202 /R |
| 71. | V BLK L                    | 000~003        | 000                          | 000                          |
| 72. | V BLK U                    | 000~003        | 001                          | 001                          |
| 73. | CCD IN                     | 000 / 001      | 000                          | 000                          |
| 74. | H BLK                      | 000 / 001      | 000                          | 000                          |
| 75. | OVER MD                    | 000 / 001      | 001                          | 001                          |
| 76. | APACON L                   | 000 / 001      | 001                          | 001                          |
| 77. | RF S/N T                   | 000 / 001      | 000                          | 000                          |
| 78. | EX S/N T                   | 000 / 001      | 000                          | 000                          |
| 79. | R S/N V1                   | 000~063        | 000                          | 000                          |
| 80. | R S/N V2                   | 000~063        | 000                          | 000                          |
| 81. | R S/N V3                   | 000~063        | 000                          | 000                          |
| 82. | R S/N V4                   | 000~063        | 000                          | 000                          |
| 83. | E S/N V1                   | 000~063        | 000                          | 000                          |
| 84. | E S/N V2                   | 000~063        | 000                          | 000                          |
| 85. | E S/N V3                   | 000~063        | 000                          | 000                          |
| 86. | E S/N V4                   | 000~063        | 000                          | 000                          |
| 87. | COR LEV                    | 000~003        | 000                          | 000                          |
| 88. | VNR CHK                    | 000~255        | 000                          | 000                          |
| 89. | VC SN TM                   | 000~255        | 000                          | 000                          |
| 90. | VC SN SP                   | 000~255        | 000                          | 000                          |
| 91. | CH MUTE                    | 000 / 001      | 000                          | 000                          |
| 92. | OSD HP                     | 000~031        | 018                          | 018                          |
| 93. | OSD VP                     | 000~031        | 008                          | 008                          |
| 94. | FM TRAP                    | 000 / 001      | 000                          | 000                          |
| 95. | OSC SEL                    | 000 / 001      | 001                          | 001                          |
| 96. | SD SEL                     | 000 / 001      | 001                          | 001                          |
| 97. | VF LK EX                   | 000 / 001      | 000                          | 000                          |
| 98. | F LOCK                     | 000~002        | 002                          | 002                          |
| 99. | AFC HIGH                   | 000~064        | 031                          | 031                          |

# SOUND MODE

| No. | Setting (Adjustment) item | Variable range | Initial setting value        |                              |
|-----|---------------------------|----------------|------------------------------|------------------------------|
|     |                           |                | AV-27D302 /S<br>AV-27D202 /S | AV-27D302 /R<br>AV-27D202 /R |
| 1.  | IN LEVEL                  | 000~063        | 024                          | 024                          |
| 2.  | FH MON                    | 000 / 001      | 000                          | 000                          |
| 3.  | ST VCO                    | 000~063        | 032                          | 032                          |
| 4.  | PILOT                     | 000 / 001      | 000                          | 000                          |
| 5.  | FILTER                    | 000~063        | 027                          | 027                          |
| 6.  | LOW SEP                   | 000~063        | 014                          | 014                          |
| 7.  | HI SEP                    | 000~063        | 021                          | 021                          |
| 8.  | 5FH MON                   | 000 / 001      | 000                          | 000                          |
| 9.  | SAP VCO                   | 000~063        | 034                          | 034                          |
| 10. | BBE BASS                  | ±010           | -001                         | -001                         |
| 11. | BBE TRE                   | ±010           | -001                         | -001                         |

## THEATER MODE

| Setting (Adjustment) item | Variable range | Initial setting value        |                              |
|---------------------------|----------------|------------------------------|------------------------------|
|                           |                | AV-27D302 /S<br>AV-27D202 /S | AV-27D302 /R<br>AV-27D202 /R |
| TINT                      | -20~+20        | -06                          | -06                          |
| COLOR                     | -20~+20        | -05                          | -05                          |
| PICTURE                   | -20~+20        | -08                          | -08                          |
| BRIGHT                    | -20~+20        | ±00                          | ±00                          |
| DETAIL                    | -20~+20        | +03                          | +03                          |
| R CUT                     | -20~+20        | ±00                          | ±00                          |
| G CUT                     | -20~+20        | ±00                          | ±00                          |
| B CUT                     | -20~+20        | ±00                          | ±00                          |
| R DRIVE                   | -99~+99        | +06                          | +06                          |
| B DRIVE                   | -99~+99        | -18                          | -18                          |
| DC REST                   | 0~3            | +01                          | +01                          |
| BLK ST                    | 0~3            | ±00                          | ±00                          |
| GMM PNT                   | 0~3            | +01                          | +01                          |
| CD MAT                    | 0~3            | +01                          | +01                          |
| RY GAIN                   | 0~1            | +01                          | +01                          |
| GY PHAS                   | 0~1            | ±00                          | ±00                          |
| CORING                    | 0~1            | +01                          | +01                          |
| CMP CD                    | 0~3            | +01                          | +01                          |
| CMP RY                    | 0~1            | +01                          | +01                          |
| CMP GY                    | 0~1            | ±00                          | ±00                          |
| CMP COR                   | 0~1            | +01                          | +01                          |

## LOW LIGHT MODE

| Setting (Adjustment) item | Variable range | Initial setting value |
|---------------------------|----------------|-----------------------|
| R CUTOFF                  | 0~255          | 85                    |
| G CUTOFF                  | 0~255          | 85                    |
| B CUTOFF                  | 0~255          | 85                    |

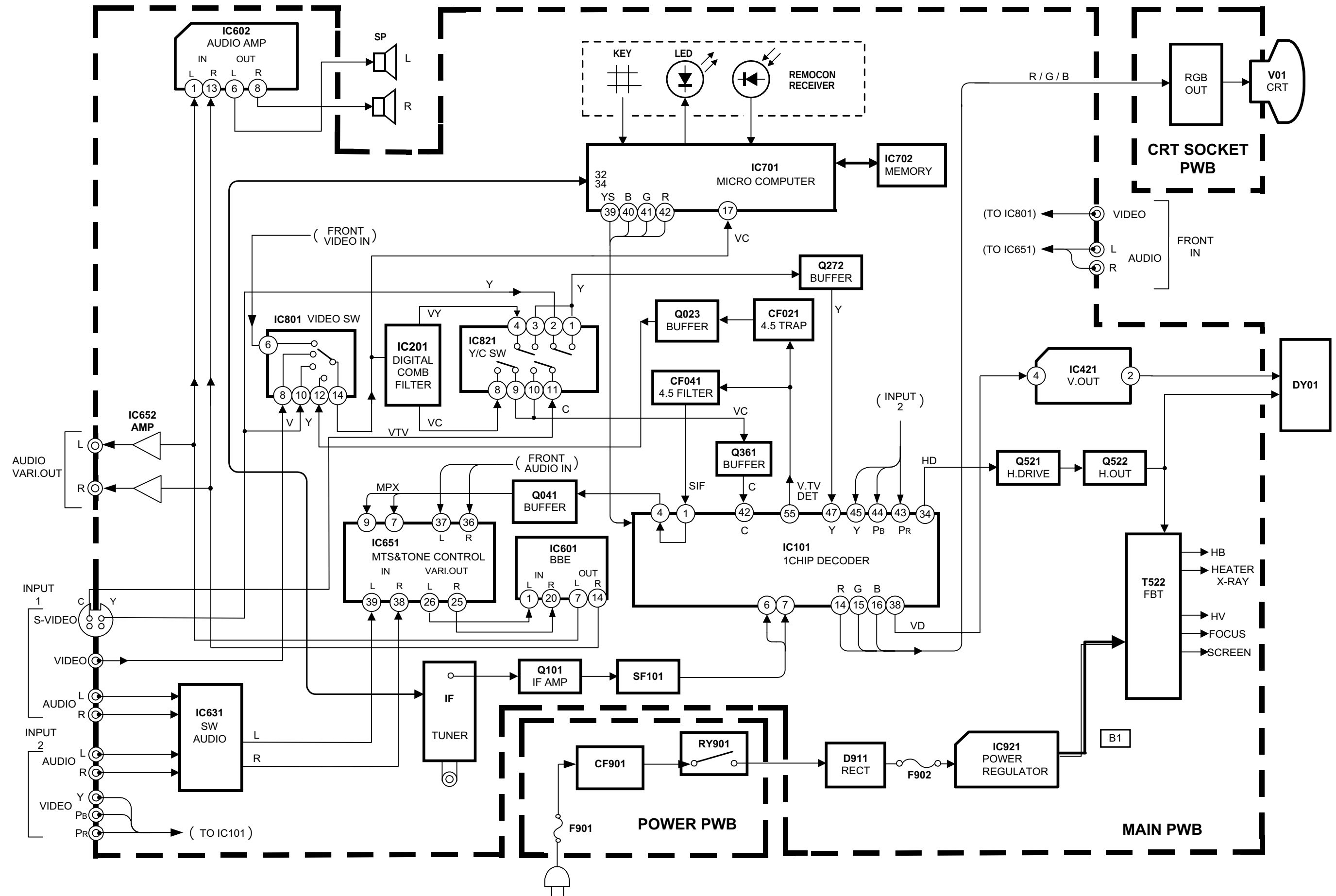
## HIGH LIGHT MODE

| Setting (Adjustment) item | Variable range | Initial setting value |
|---------------------------|----------------|-----------------------|
| G DRIVE                   | 0 ~ 255        | 60                    |
| B DRIVE                   | 0 ~ 255        | 60                    |

## RF AFC CHECK MODE

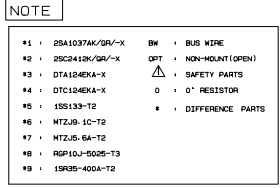
| Setting (Adjustment) item | Variable range | Initial setting value      |
|---------------------------|----------------|----------------------------|
| RF AFC                    | ON / OFF       | ON                         |
| FINE                      | FIXED          | FIXED <b>DO NOT ADJUST</b> |

# BLOCK DIAGRAM



**SFD-1001A-M2**  
( AV-27D302/s  
AV-27D202/s )

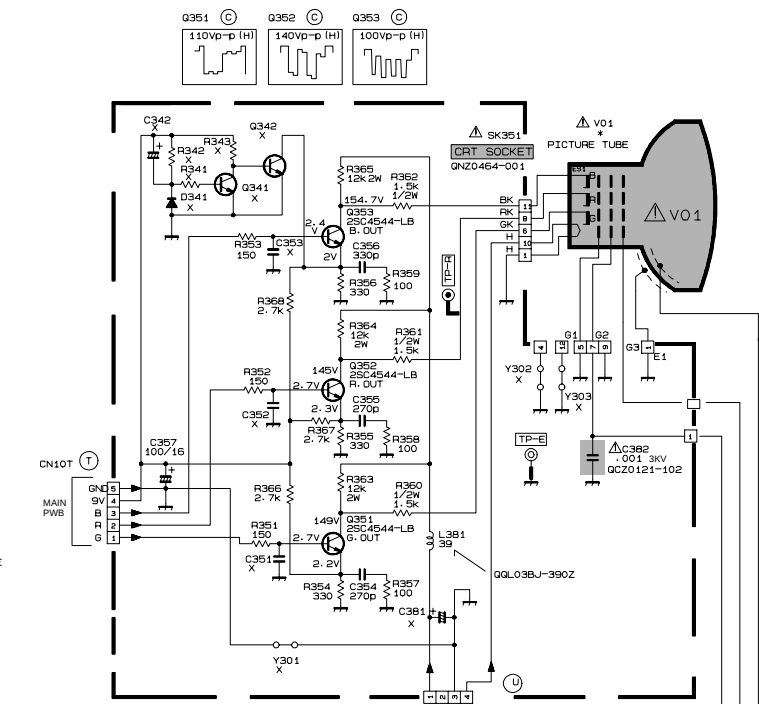
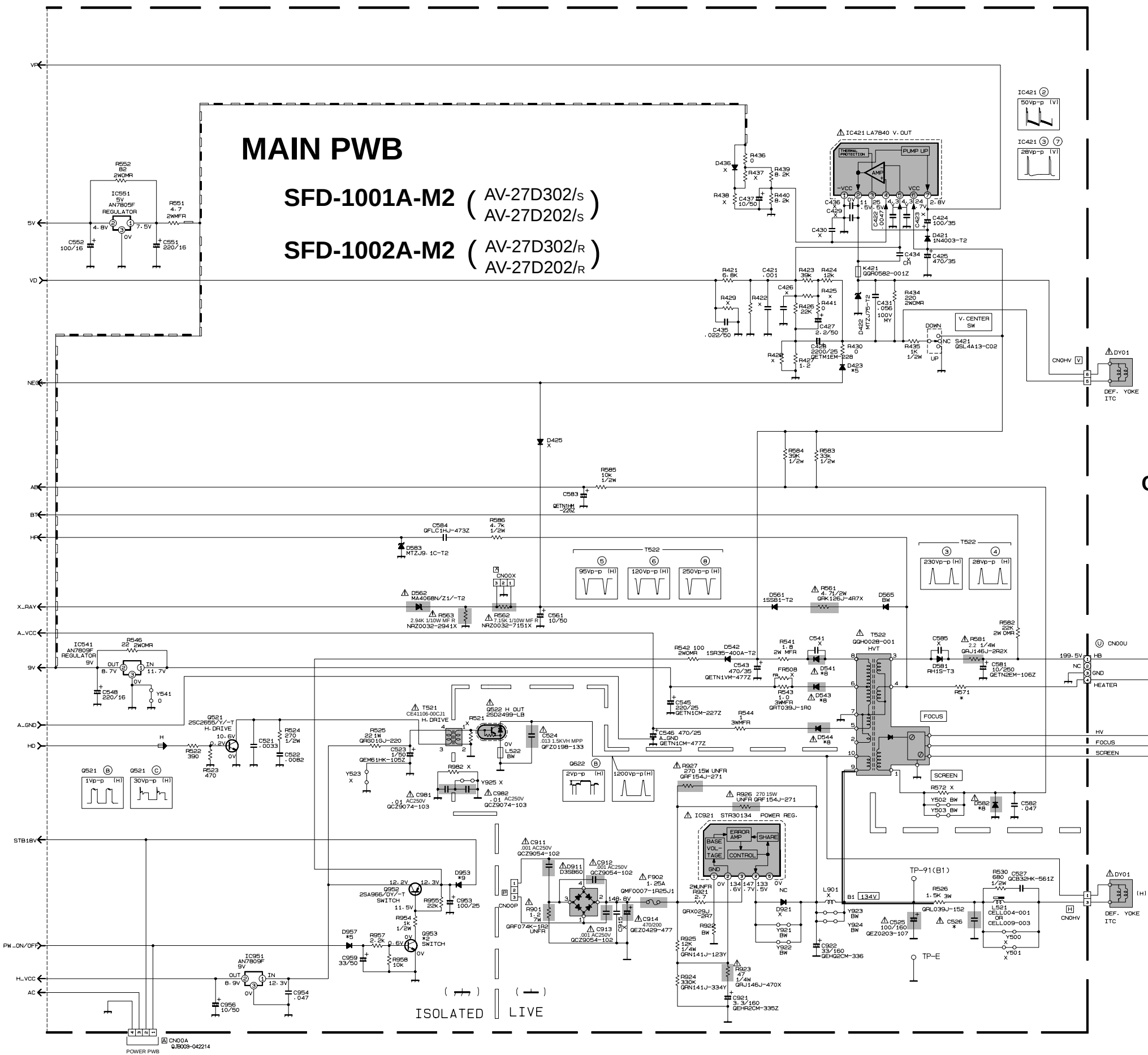
**SFD-1002A-M2**  
( AV-27D302/R  
AV-27D202/R )



AV-27D302  
AV-27D202

AV-27D302  
AV-27D202

MAIN PWB, CRT SOCKET PWB CIRCUIT DIAGRAM



CRT SOCKET PWB  
(Within MAIN PWB)  
SFD-1001A-M2 (AV-27D302/S  
AV-27D202/S)  
SFD-1002A-M2 (AV-27D302/R  
AV-27D202/R)

\* DIFFERENCE LIST (\*PARTS)

|      | SFD-1001A-M2            | SFD-1002A-M2            |
|------|-------------------------|-------------------------|
| V01  | A890DN                  | A8BADT                  |
| R571 | 3.3K                    | 1.5K                    |
| C526 | QFZ0197-434<br>.43 250V | QFZ0119-934<br>.53 200V |

NOTE

\*1 : 2S1037AK/GR/-X BW : BUS WIRE  
\*2 : 2S02412K/GR/-X OPT : NON-MOUNT (OPEN)  
\*3 : DTA124KA-X ⚠ : SAFETY PARTS  
\*4 : DTC124KA-X 0 : 0° RESISTOR  
\*5 : 1S9133-T2 \* : DIFFERENCE PARTS  
\*6 : MTZJ9, 1C-T2  
\*7 : MTZJ5, 6A-T2  
\*8 : RGP10J-5025-T3  
\*9 : 1SR35-400A-T2

POWER PWB CIRCUIT DIAGRAM

