JVC

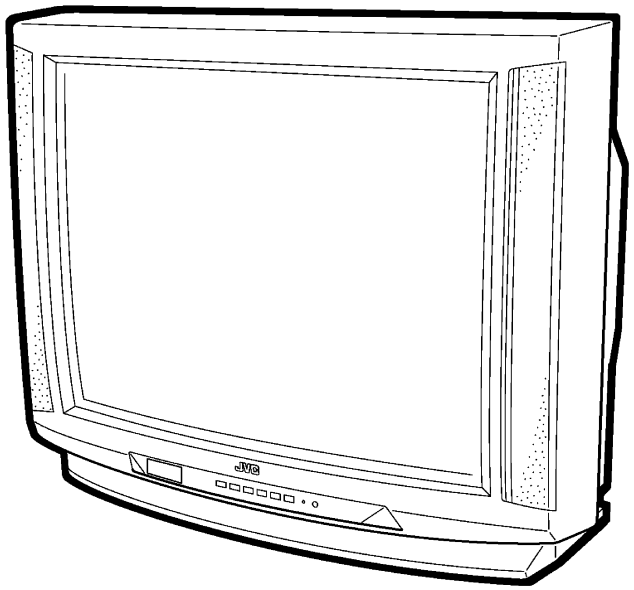
# SCHEMATIC DIAGRAMS

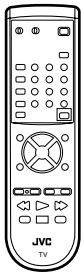
## COLOR TELEVISION

| BASIC CHASSIS |
| --- |
| GC |

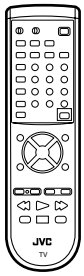
**AV-36D202/AH** **AV-36D302/AH** **AV-36D502/AH**
**AV-36D202/AM** **AV-36D302/AM** **AV-36D502/AM**
**AV-36D202/AR** **AV-36D302/AR** **AV-36D502/AR**
**AV-36D202/AY** **AV-36D302/AY** **AV-36D502/AY**

**CD-ROM No. SML200201**





**RM-C303G**
**[AV-36D202]**
**[AV-36D302]**



**RM-C301G**
**[AV-36D502]**



**No. 51798C**
**Dec. 2001**

# AV-36D202 /AH AV-36D302 /AH AV-36D502 /AH
# AV-36D202 /AM AV-36D302 /AM AV-36D502 /AM
# AV-36D202 /AR AV-36D302 /AR AV-36D502 /AR
# AV-36D202 /AY AV-36D302 /AY AV-36D502 /AY
# STANDARD CIRCUIT DIAGRAM

## ■ NOTE ON USING CIRCUIT DIAGRAMS

### 1. SAFETY

**The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.**

### 2. SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1) Input signal : Color bar signal
(2) Setting positions of each knob/button and variable resistor : Original setting position when shipped
(3) Internal resistance of tester : DC 20kΩ/V
(4) Oscilloscope sweeping time : H ⇒ 20μS/div
: V ⇒ 5mS/div
: Others ⇒ Sweeping time is specified
(5) Voltage values : All DC voltage values

∗Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

### 3. INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R1209 → R209

### 4. INDICATIONS ON THE CIRCUIT DIAGRAM

**(1) Resistors**

● Resistance value

| | |
|---|---|
| No unit | : [Ω] |
| k | : [kΩ] |
| M | : [MΩ] |

● Rated allowable power

| | |
|---|---|
| No indication | : 1/16 [W] |
| Others | : As specified |

● Type

| | |
|---|---|
| No indication | : Carbon resistor |
| OMR | : Oxide metal film resistor |
| MFR | : Metal film resistor |
| MPR | : Metal plate resistor |
| UNFR | : Uninflammable resistor |
| FR | : Fusible resistor |

∗Composition resistor 1/2 [W] is specified as 1/2S or Comp.

**(2) Capacitors**

● Capacitance value

| | |
|---|---|
| 1 or higher | : [pF] |
| less than 1 | : [μF] |

● Withstand voltage

| | |
|---|---|
| No indication | : DC50[V] |
| AC indicated | : AC withstand voltage [V] |
| Others | : DC withstand voltage [V] |

∗ Electrolytic Capacitors
47/50[Example] : Capacitance value [μF]/withstand voltage[V]

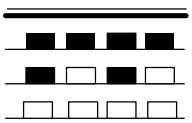
● Type

| | |
|---|---|
| No indication | : Ceramic capacitor |
| MY | : Mylar capacitor |
| MM | : Metalized mylar capacitor |
| PP | : Polypropylene capacitor |
| MPP | : Metalized polypropylene capacitor |
| MF | : Metalized film capacitor |
| TF | : Thin film capacitor |
| BP | : Bipolar electrolytic capacitor |
| TAN | : Tantalum capacitor |

**(3) Coils**

| | |
|---|---|
| No unit | : [μH] |
| Others | : As specified |

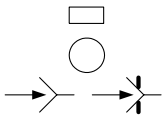
**(4) Power Supply**




∗Respective voltage values are indicated

**(5) Test point**


**(6) Connecting method**




**(7) Ground symbol**

⊥ : LIVE side ground
⏥ : ISOLATED(NEUTRAL) side ground
⏚ : EARTH ground
⏛ : DIGITAL ground

### 5. NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ( ⊥ ) side GND and the ISOLATED(NEUTRAL) : ( ⏥ ) side GND. Therefore, care must be taken for the following points.

(1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
(2) Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time with a measuring apparatus ( oscilloscope, etc.). If the above precaution is not respected , a fuse or any parts will be broken.

● **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

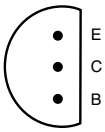
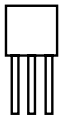
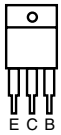
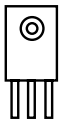
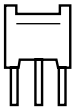
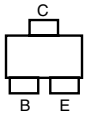
**Dec. 2001 No. 51798C**

# CONTENTS

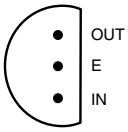
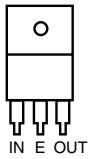
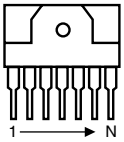
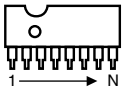
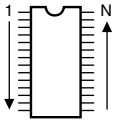


## SEMICONDUCTOR SHAPES

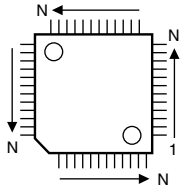
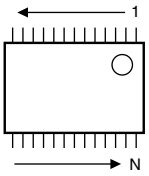
**TRANSISTOR**

| BOTTOM VIEW | FRONT VIEW | | | | TOP VIEW |
|---|---|---|---|---|---|
|  |  |  |  |  | CHIP TR<br>  |

**IC**

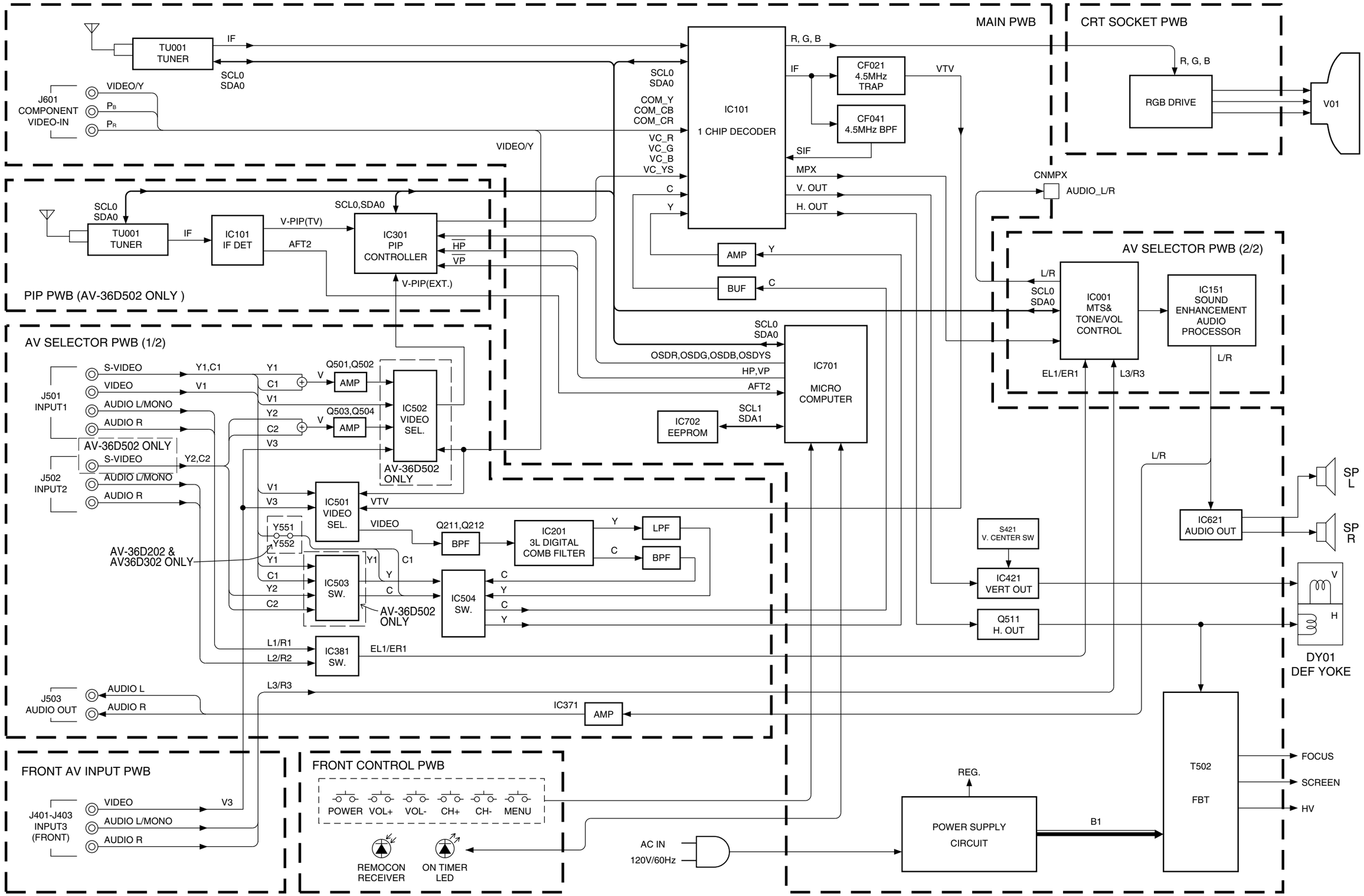
| BOTTOM VIEW | FRONT VIEW | | | TOP VIEW |
|---|---|---|---|---|
|  |  |  |  |  |

**CHIP IC**

| TOP VIEW | | |
|---|---|---|
|  |  | |

AV-36D202
AV-36D302
AV-36D502

# BLOCK DIAGRAM



AV-36D202
AV-36D302
AV-36D502

# CIRCUIT DIAGRAMS

## *MAIN PWB CIRCUIT DIAGRAM (1/3)*

MAIN PWB ASS'Y
SGC-1010A-M2 (AV-36D502/AH)
SGC-1009A-M2 (AV-36D502/AM)
SGC-1008A-M2 (AV-36D502/AR)
SGC-1007A-M2 (AV-36D502/AY)
SGC-1017A-M2 (AV-36D202/AH, AV36D302/AH)
SGC-1018A-M2 (AV-36D202/AM, AV36D302/AM)
SGC-1016A-M2 (AV-36D202/AR, AV-36D302/AR)
SGC-1015A-M2 (AV-36D202/AY, AV-36D302/AY)

INPUT-2
(COMPONENT
VIDEO INPUT)

IC101
TB1253AN
1CHIP DECODER

NOTE

∗1 : 2SC2412K/QR/-X
∗2 : 2SA1037AK/QR/-X
∗3 : 1SS133-T2
∗4 : MTZJ9. IC-T2
∗5 : UN2212-X
∗6 : MTZJ5. 6B-T2
BW : IM-BW
0 : NRSA63J-0R0X
X : NON MOUNT

∗DIFFERENCE LIST(∗PARTS)

| | SGC-1007A-M2 | SGC-1008A-M2 | SGC-1009A-M2 | SGC-1010A-M2 | SGC-1015A-M2 | SGC-1016A-M2 | SGC-1017A-M2 | SGC-1018A-M2 |
|---|---|---|---|---|---|---|---|---|
| C013 | 150p | 150p | 150p | 150p | × | × | × | × |
| Y004 | 0 | 0 | 0 | 0 | × | × | × | × |
| ⚠TU001 | QAU247-1 | QAU247-1 | QAU247-1 | QAU247-1 | QAU176-1 | QAU176-1 | QAU176-1 | QAU176-1 |

AV-36D202
AV-36D302
AV-36D502

## *MAIN PWB CIRCUIT DIAGRAM (2/3)*

MAIN PWB ASS'Y
SGC-1010A-M2 (AV-36D502/AH)
SGC-1009A-M2 (AV-36D502/AM)
SGC-1008A-M2 (AV-36D502/AR)
SGC-1007A-M2 (AV-36D502/AY)
SGC-1017A-M2 (AV-36D202/AH, AV36D302/AH)
SGC-1018A-M2 (AV-36D202/AM, AV-36D302/AM)
SGC-1016A-M2 (AV-36D202/AR, AV-36D302/AR)
SGC-1015A-M2 (AV-36D202/AY, AV-36D302/AY)

TO AV SELECTOR PWB CN001

TO PIP PWB CN002

TO SPEAKER L/R

TO FRONT CONTROL PWB CN007

NOTE

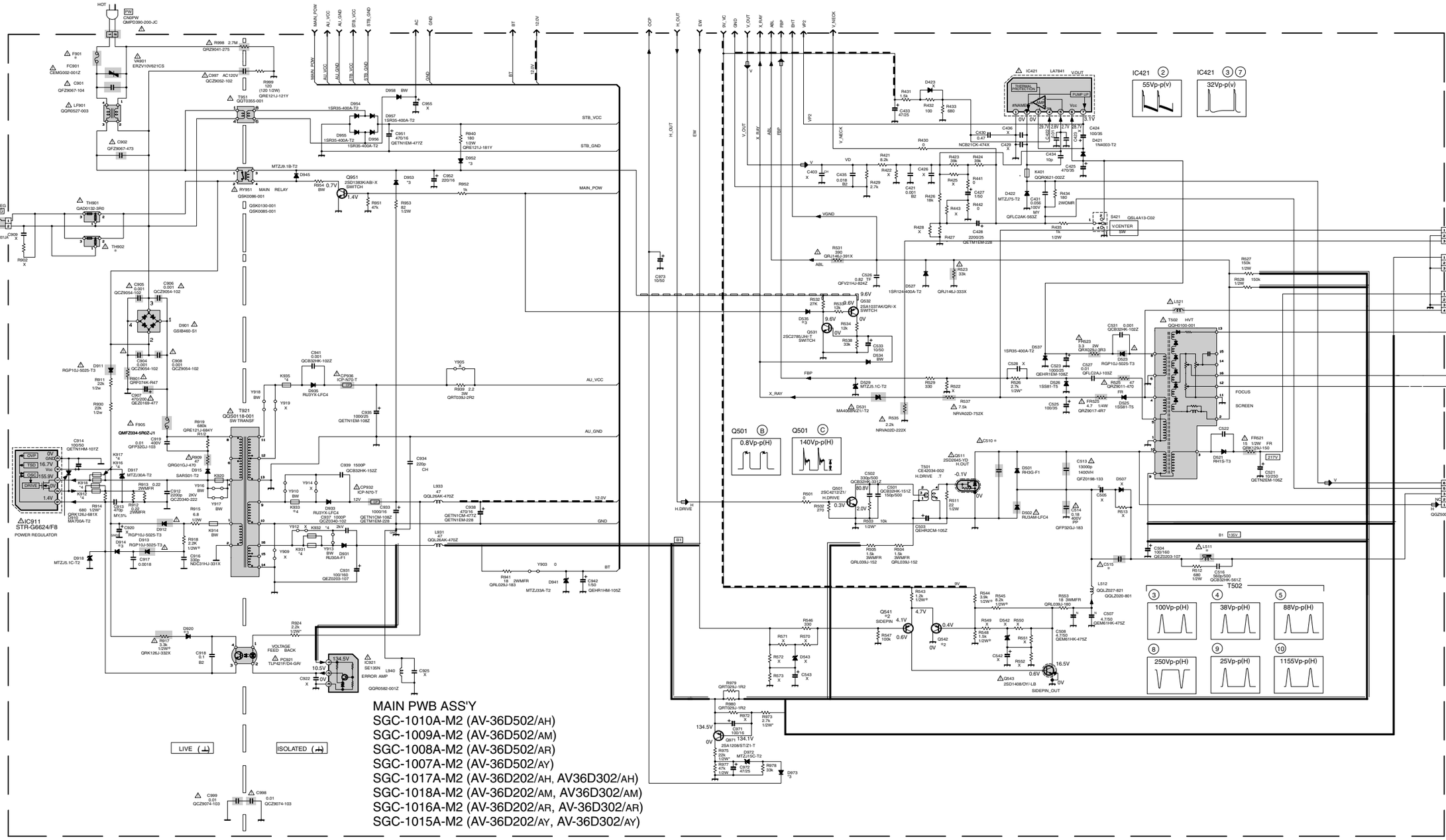
| | |
|---|---|
| ∗1 | : 2SC2412K/QR/-X |
| ∗2 | : 2SA1037AK/QR/-X |
| ∗3 | : 1SS133-T2 |
| ∗5 | : UN2212-X |
| ∗6 | : MTZJ5. 6B-T2 |
| BW | : IM-BW |
| 0 | : NRSA63J-0R0X |
| X | : NON MOUNT |

∗DIFFERENCE LIST(∗PARTS)

| | R744 | R745 | R714 | R822 | C721 | R801 | R802 | R803 | R804 | CN002 |
|---|---|---|---|---|---|---|---|---|---|---|
| SGC-1007A | × | 0 | 82k | 120k | 0.01 | × | × | × | × | QGB1505J1-25 |
| SGC-1008A | × | 0 | 82k | 120k | 0.01 | × | × | × | × | QGB1505J1-25 |
| SGC-1009A | × | 0 | 82k | 120k | 0.01 | × | × | × | × | QGB1505J1-25 |
| SGC-1010A | × | 0 | 82k | 120k | 0.01 | × | × | × | × | QGB1505J1-25 |
| SGC-1015A | 10k | × | × | 0 | × | 0 | 0 | 0 | 0 | × |
| SGC-1016A | 10k | × | × | 0 | × | 0 | 0 | 0 | 0 | × |
| SGC-1017A | 10k | × | × | 0 | × | 0 | 0 | 0 | 0 | × |
| SGC-1018A | 10k | × | × | 0 | × | 0 | 0 | 0 | 0 | × |

AV-36D202
AV-36D302
AV-36D502

## *MAIN PWB CIRCUIT DIAGRAM (3/3)*




MAIN PWB ASS'Y
SGC-1010A-M2 (AV-36D502/AH)
SGC-1009A-M2 (AV-36D502/AM)
SGC-1008A-M2 (AV-36D502/AR)
SGC-1007A-M2 (AV-36D502/AY)
SGC-1017A-M2 (AV-36D202/AH, AV36D302/AH)
SGC-1018A-M2 (AV-36D202/AM, AV36D302/AM)
SGC-1016A-M2 (AV-36D202/AR, AV-36D302/AR)
SGC-1015A-M2 (AV-36D202/AY, AV-36D302/AY)

＊DIFFERENCE LIST(＊PARTS)

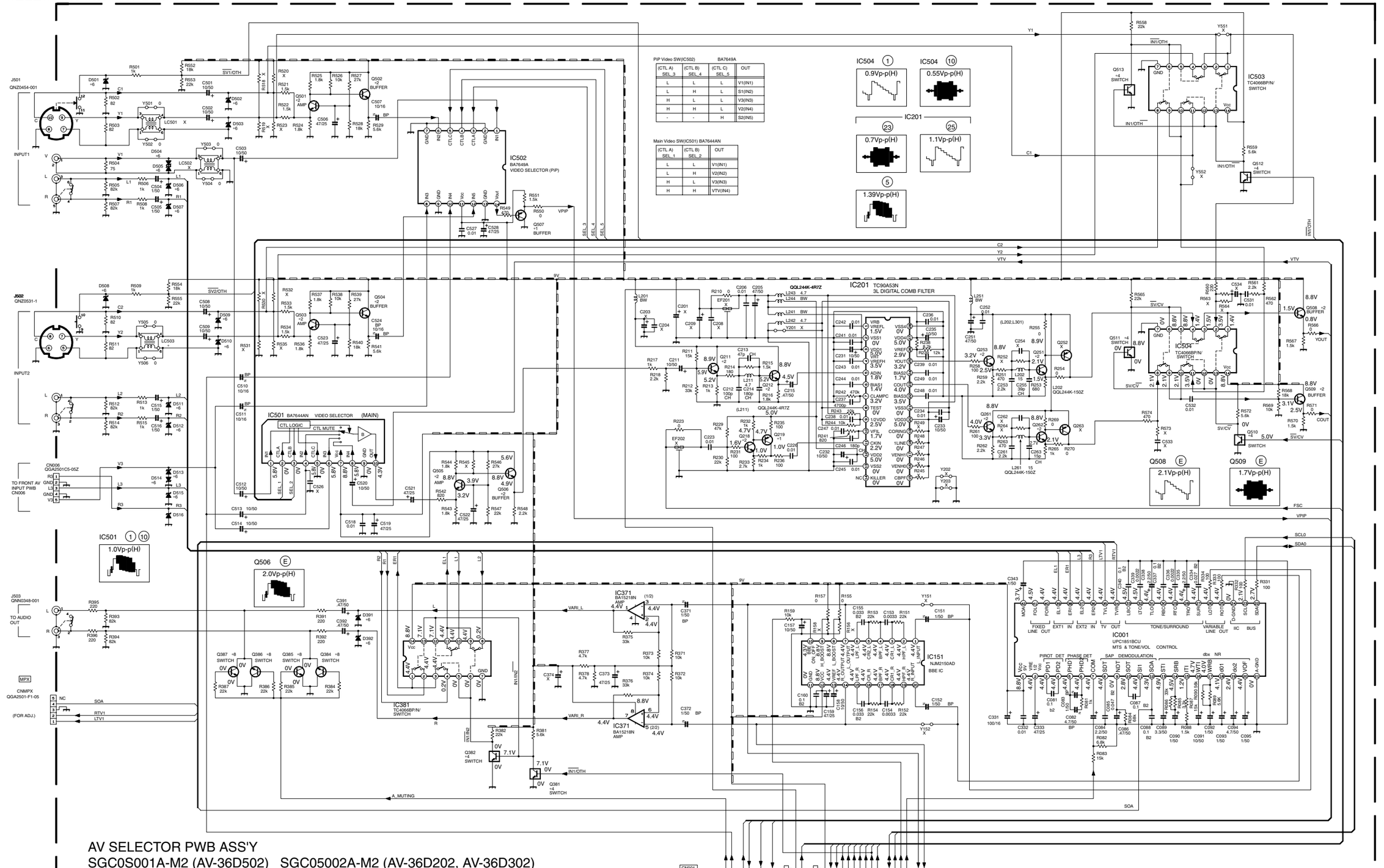
| | SGC-100TA | SGC-1015A | SGC-1008A | SGC-1016A | SGC-1010A | SGC-1017A | SGC-1009A | SGC-1018A |
|---|---|---|---|---|---|---|---|---|
| ⚠L521 | QQLZ018-600 | QQLZ018-600 | QQLZ018-560 | QQLZ018-560 | QQLZ018-560 | QQLZ018-560 | QQLZ026-540 | QQLZ026-540 |
| ⚠L511 | CE41029-00A | CE41029-00A | QQR1027-3 | QQR1027-3 | QQR1027-3 | QQR1027-3 | CE41029-00A | CE41029-00A |
| ⚠C510 | QFZ0196-532 | QFZ0196-532 | QFZ0196-532 | QFZ0196-532 | QFZ0196-532 | QFZ0196-532 | QFZ0196-582 | QFZ0196-582 |
| ⚠C515 | QFZ0197-564 | QFZ0197-564 | QFZ0197-624 | QFZ0197-624 | QFZ0197-564 | QFZ0197-564 | QFZ0197-654 | QFZ0197-654 |
| ⚠TH902 | × | × | × | × | × | × | QAD0132-3R0 | QAD0132-3R0 |
| R504 | QRL039J-102 | QRL039J-102 | QRL039J-102 | QRL039J-102 | QRL039J-102 | QRL039J-102 | QRL039J-821 | QRL039J-821 |
| R505 | QRL039J-102 | QRL039J-102 | QRL039J-102 | QRL039J-102 | QRL039J-102 | QRL039J-102 | QRL039J-821 | QRL039J-821 |
| R427 | QRT029J-1R5 | QRT029J-1R5 | QRT029J-1R5 | QRT029J-1R5 | QRT029J-1R0 | QRT029J-1R0 | QRT029J-1R0 | QRT029J-1R0 |
| ⚠F901 | QMF51U1-5R0-J8 | QMF51U1-5R0-J8 | QMF51U1-5R0-J8 | QMF51U1-5R0-J8 | QMF51U1-5R0-J8 | QMF51U1-5R0-J8 | QMF51N1-5R0-J5 | QMF51N1-5R0-J5 |

NOTE

BW : IM-BW
0 : NRSA63J-0R0X
X : NON MOUNT
＊2 : 2SA1037AK/QR/-X
＊3 : 1SS133-T2
＊4 : QQR0582-001Z

AV-36D202
AV-36D302
AV-36D502

## AV SELECTOR CIRCUIT DIAGRAM




### ∗DIFFERENCE LIST(∗PARTS)

| | IC502 | C527 | C528 | R549 | Q507 | R550 | R551 | C510 | C511 | R518 | R519 | R520 | R521 | R522 | R523 | R524 | R525 | R526 | R527 | R528 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SGC05001A | BA7649A | 0.01 | 47/25 | 470 | ∗1 | 0 | 1.5k | 10/16 | 10/16 | X | X | X | 1.5k | 1.5k | 1.5k | 1.8k | 1.8k | 10k | 27k | 18k |
| SGC05002A | X | X | X | X | X | X | X | X | X | 15k | 10k | 15k | X | X | 10k | X | X | X | X | X |

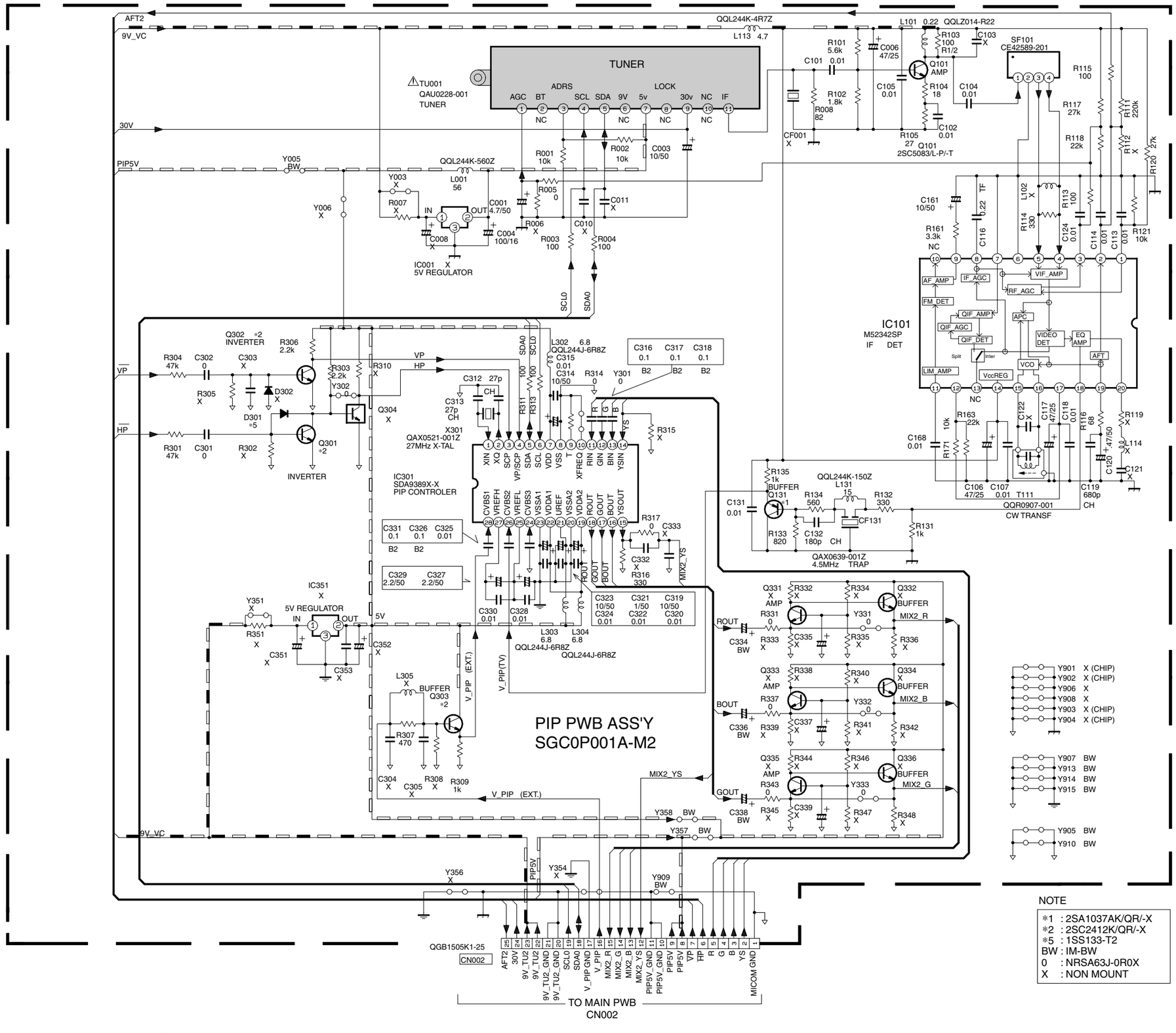
| | R529 | Q501 | Q502 | C503 | C506 | C507 | J502 | R509 | R510 | R511 | R554 | R555 | R533 | R534 | R536 | R537 | R538 | R539 | R540 | R541 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SGC05001A | 5.6k | ∗2 | ∗2 | 10/50 | 47/25 | 10/16 | QNN0531-1 | 1k | 82 | 82 | 18k | 22k | 1.5k | 1.5k | 1.8k | 1.8k | 10k | 27k | 18k | 5.6k |
| SGC05002A | X | X | X | X | X | X | QNN0348-1 | X | X | X | X | X | X | X | X | X | X | X | X | X |

| | D508 | Y505 | Y506 | C508 | C509 | D509 | D510 | C523 | C524 | Q503 | Q504 | IC503 | Q512 | Q513 | R558 | R559 | Y551 | Y552 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SGC05001A | ∗6 | 0 | 0 | 10/50 | 10/50 | ∗6 | ∗6 | 47/25 | 10/16 | ∗2 | ∗2 | TC4066BP/N/ | ∗4 | ∗4 | 22k | 5.6k | X | X |
| SGC05002A | X | X | X | X | X | X | X | X | X | X | X | | X | X | X | X | 0 | 0 |

NOTE

| |
|---|
| ∗1 : 2SA1037AK/QR/-X |
| ∗2 : 2SC2412K/QR/-X |
| ∗4 : UN2212-X |
| ∗6 : MTZJ9. IC-T2 |
| ∗8 : DTC323TK-X |
| BW : IM-BW |
| 0 : NRSA63J-0R0X |
| X : NON MOUNT |

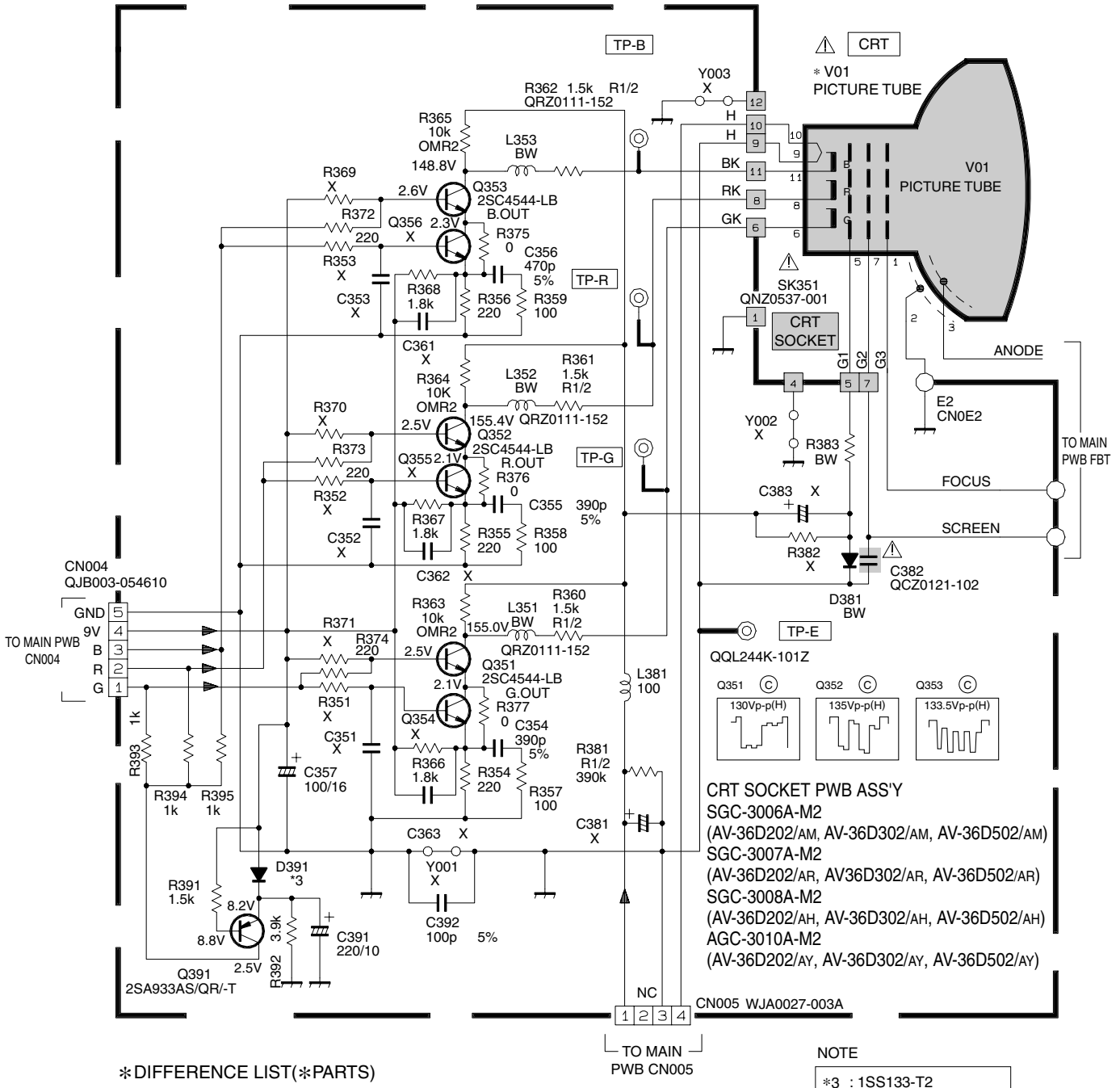
***PIP PWB CIRCUIT DIAGRAM [AV-36D502]***




NOTE

| | |
|---|---|
| *1 | : 2SA1037AK/QR/-X |
| *2 | : 2SC2412K/QR/-X |
| *5 | : 1SS133-T2 |
| BW | : IM-BW |
| 0 | : NRSA63J-0R0X |
| X | : NON MOUNT |

## *CRT SOCKET PWB CIRCUIT DIAGRAM*




### ＊DIFFERENCE LIST(＊PARTS)

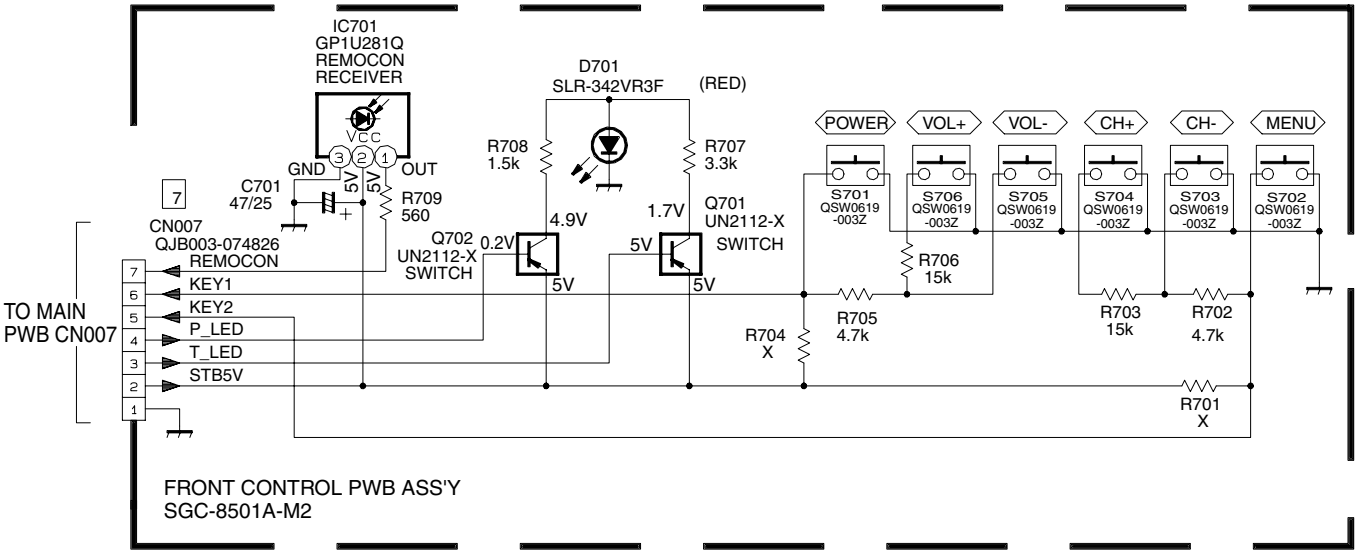
| | SGC-3006A | SGC-3007A | SGC-3008A | SGC-3010A |
|---|---|---|---|---|
| ⚠V01 | A90LLD361X15 | A90AEJ15X01 | A90LPY30X04 | A90AHH50X10/V/ |
| Y002 | X | X | X | BW |

NOTE

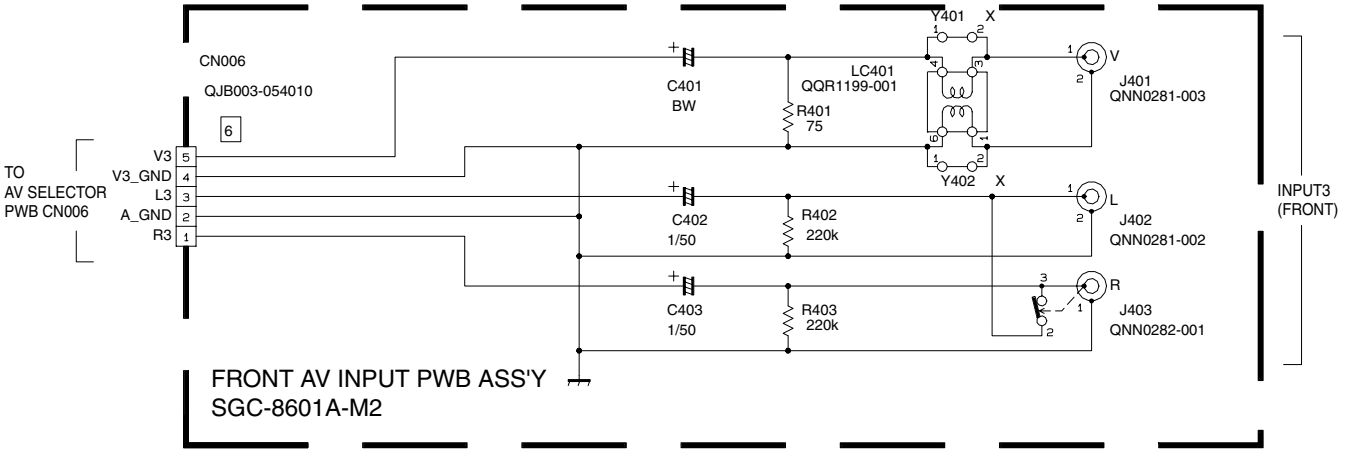
＊3 : 1SS133-T2
BW : IM-BW
X : NON MOUNT

***FRONT CONTROL AND FRONT AV INPUT PWB CIRCUIT DIAGRAMS***

- FRONT CONTROL -




- FRONT AV INPUT -




NOTE

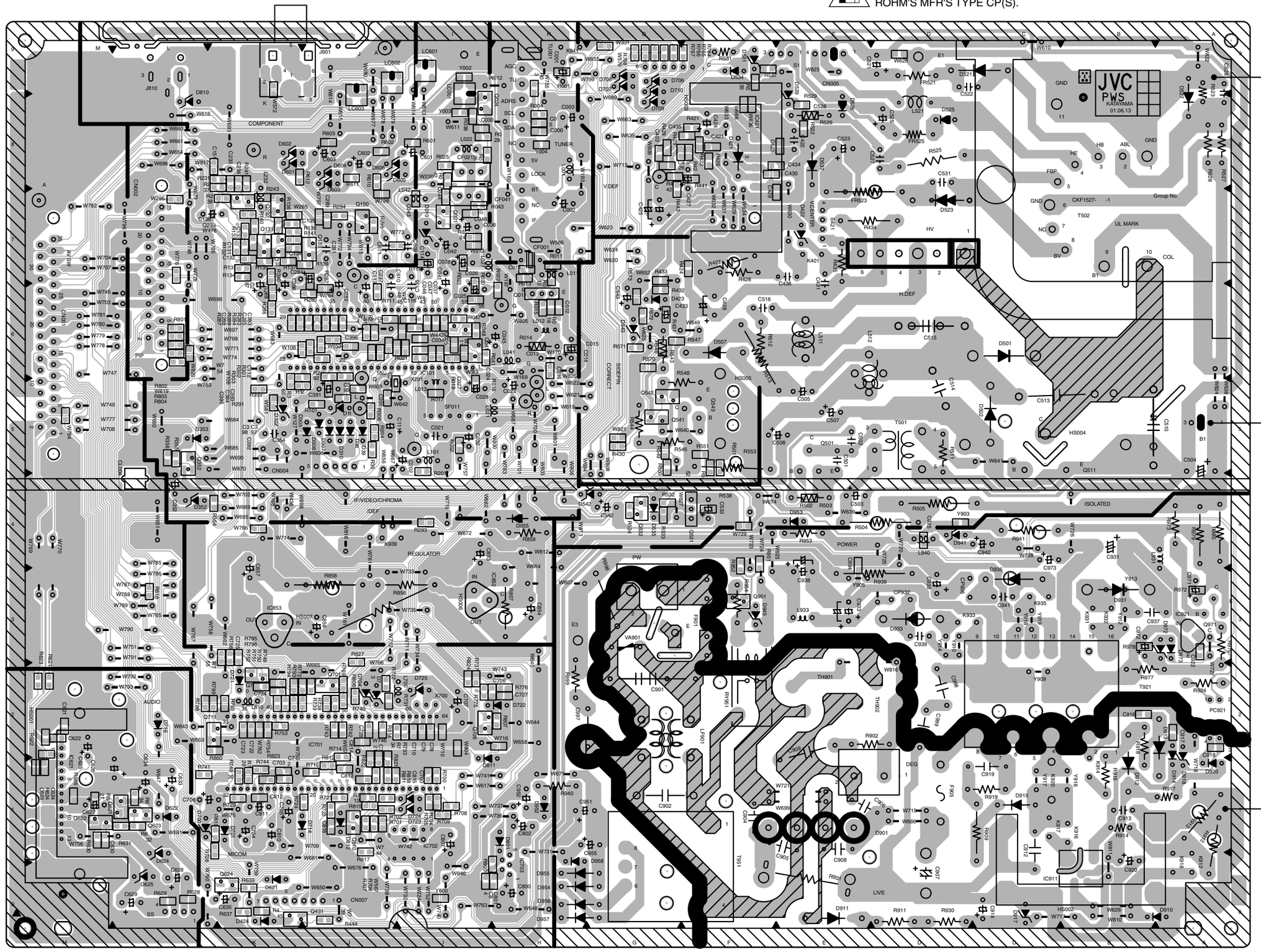
| | |
|---|---|
| X | : NON MOUNT |

AV-36D202
AV-36D302
AV-36D502

# PATTERN DIAGRAMS

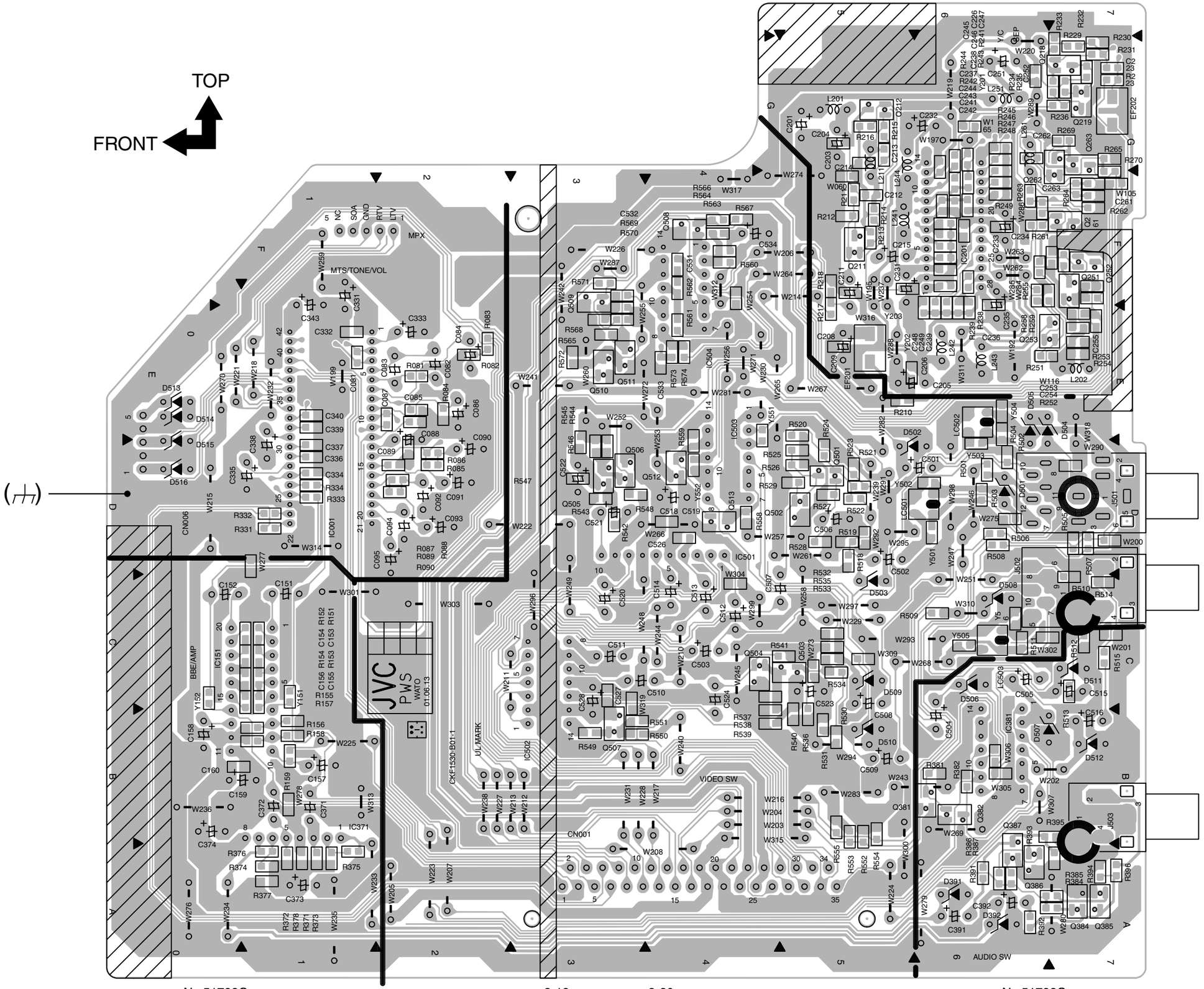
## *MAIN PWB PATTERN*

CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE AND RATED FUSE (S) AND ROHM'S MFR'S TYPE CP(S).



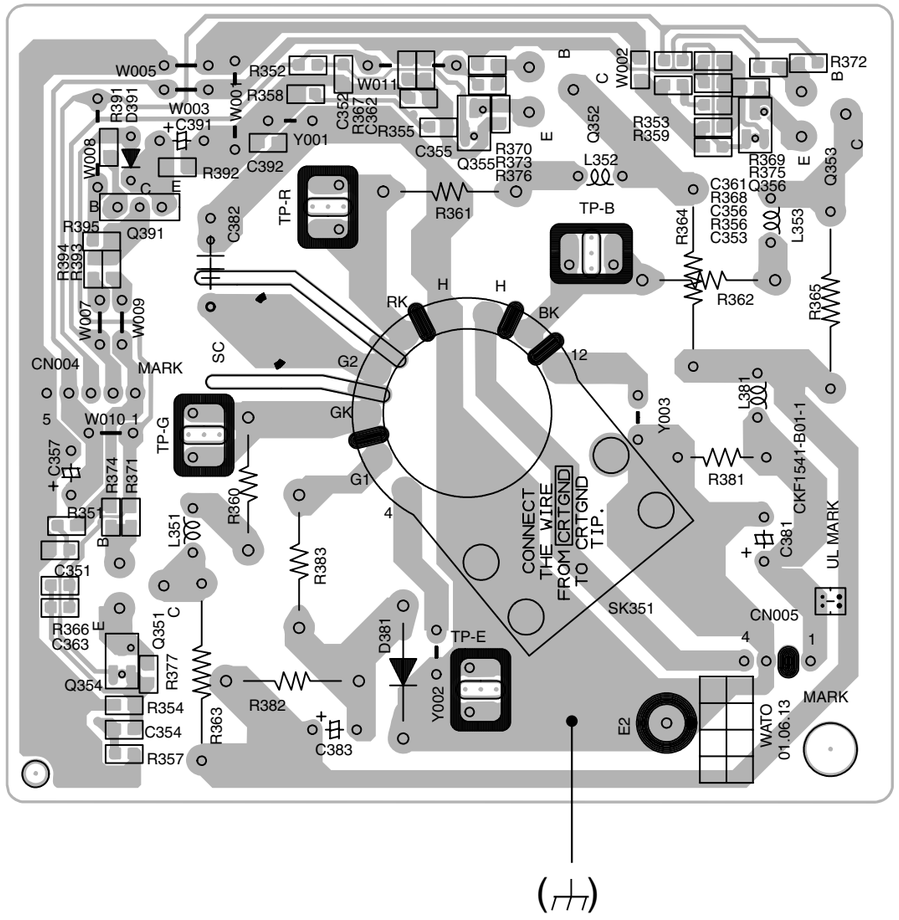
AV-36D202
AV-36D302
AV-36D502

***AV SELECTOR PWB PATTERN***



## *CRT SOCKET PWB PATTERN*

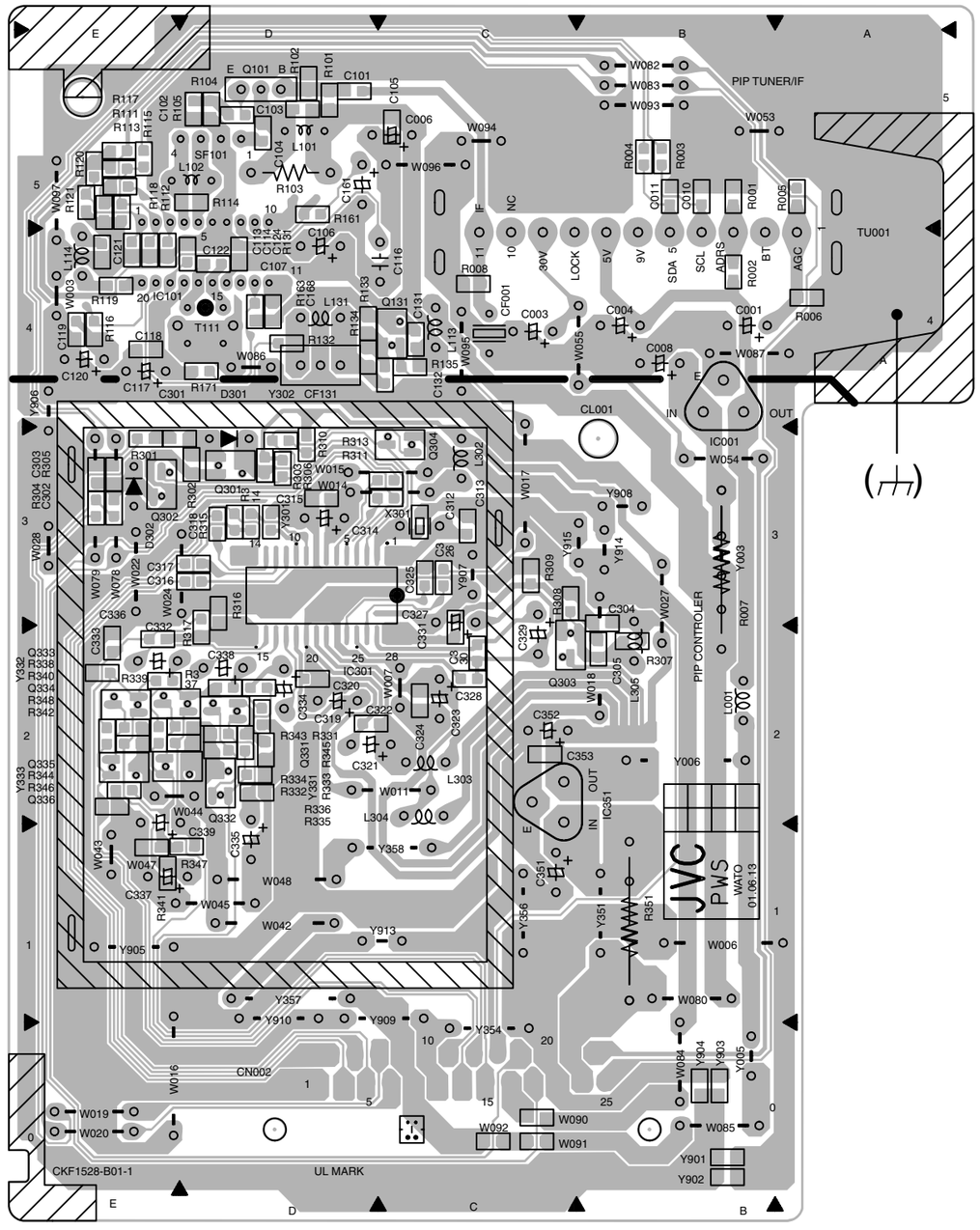
TOP




## *PIP PWB PATTERN [AV-36D502]*

TOP

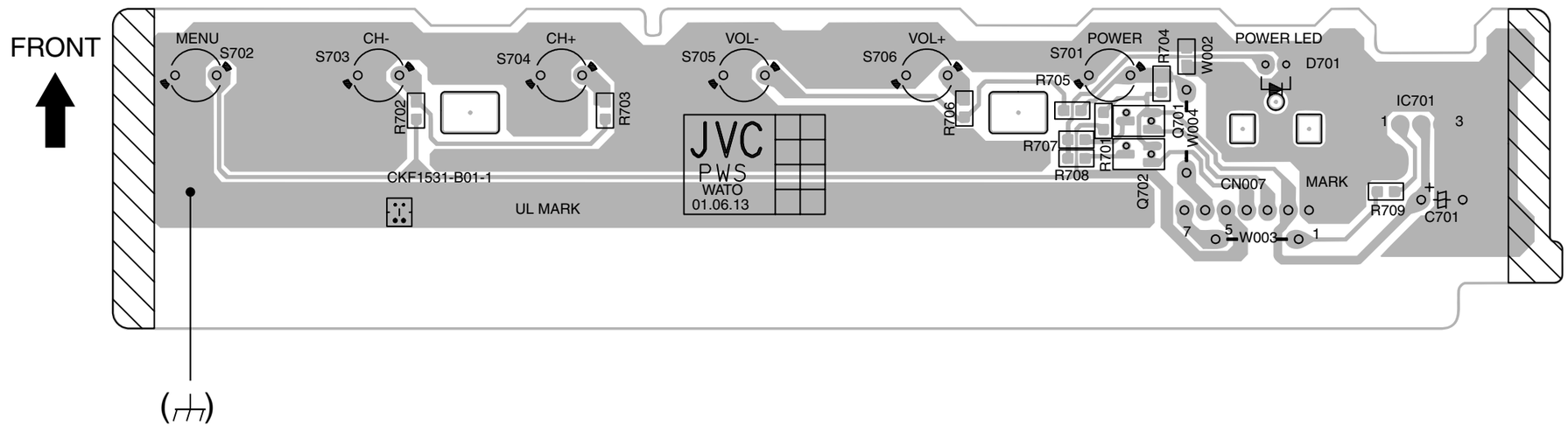
FRONT



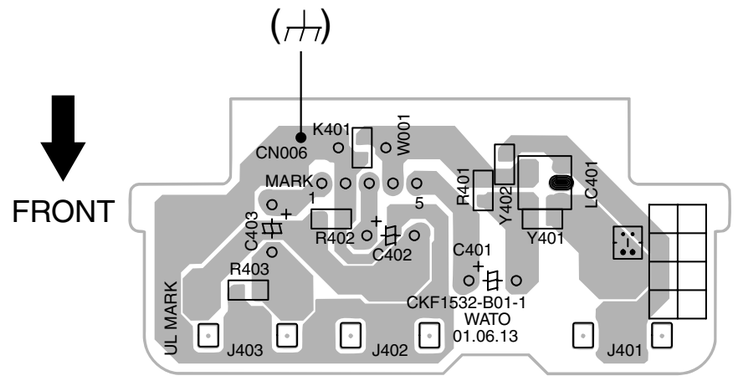
AV-36D202
AV-36D302
AV-36D502

***FRONT CONTROL AND FROPNT AV INPUT PWB PATTERNS***

- FRONT CONTROL -




- FRONT AV INPUT -



# CHANNEL CHART (US)

| MODE | | BAND | CHANNEL | | TUNER BAND |
|---|---|---|---|---|---|
| TV | CATV | | REAL | DISP. | |
| ○ | ○ | VL | 02 | | I |
| | | | 03 | | |
| | | | 04 | | |
| | | | 05 | | |
| | | | 06 | | |
| | | VH | 07 | | II |
| | | | 08 | | |
| | | | 09 | | |
| | | | 10 | | |
| | | | 11 | | |
| | | | 12 | | |
| | | | 13 | | |
| × | ○ | MID | A | 14 | I |
| | | | B | 15 | |
| | | | C | 16 | II |
| | | | D | 17 | |
| | | | E | 18 | |
| | | | F | 19 | |
| | | | G | 20 | |
| | | | H | 21 | |
| | | | I | 22 | |
| | | SUPER | J | 23 | |
| | | | K | 24 | |
| | | | L | 25 | |
| | | | M | 26 | |
| | | | N | 27 | |
| | | | O | 28 | |
| | | | P | 29 | |
| | | | Q | 30 | |
| | | | R | 31 | |
| | | | S | 32 | |
| | | | T | 33 | |
| | | | U | 34 | |
| | | | V | 35 | |
| | | | W | 36 | |
| | | HYPER | W+1 | 37 | |
| | | | W+2 | 38 | |
| | | | W+3 | 39 | |
| | | | W+4 | 40 | |
| | | | W+5 | 41 | |
| | | | W+6 | 42 | |
| | | | W+7 | 43 | |
| | | | W+8 | 44 | |
| | | | W+9 | 45 | |
| | | | W+10 | 46 | |
| | | | W+11 | 47 | |
| | | | W+12 | 48 | IV |
| | | | W+13 | 49 | |
| | | | W+14 | 50 | |
| | | | W+15 | 51 | |
| | | | W+16 | 52 | |
| | | | W+17 | 53 | |
| | | | W+18 | 54 | |
| | | | W+19 | 55 | |
| | | | W+20 | 56 | |
| | | | W+21 | 57 | |
| | | | W+22 | 58 | |
| | | | W+23 | 59 | |
| | | | W+24 | 60 | |
| | | | W+25 | 61 | |
| | | | W+26 | 62 | |
| | | | W+27 | 63 | |
| | | | W+28 | 64 | |
| | | ULTRA | W+29 | 65 | |
| | | | W+30 | 66 | |
| | | | W+31 | 67 | |
| | | | W+32 | 68 | |
| | | | W+33 | 69 | |
| | | | W+34 | 70 | |

| MODE | | BAND | CHANNEL | | TUNER BAND |
|---|---|---|---|---|---|
| TV | CATV | | REAL | DISP. | |
| × | ○ | ULTRA | W+35 | 71 | IV |
| | | | W+36 | 72 | |
| | | | W+37 | 73 | |
| | | | W+38 | 74 | |
| | | | W+39 | 75 | |
| | | | W+40 | 76 | |
| | | | W+41 | 77 | |
| | | | W+42 | 78 | |
| | | | W+43 | 79 | |
| | | | W+44 | 80 | |
| | | | W+45 | 81 | |
| | | | W+46 | 82 | |
| | | | W+47 | 83 | |
| | | | W+48 | 84 | |
| | | | W+49 | 85 | |
| | | | W+50 | 86 | |
| | | | W+51 | 87 | |
| | | | W+52 | 88 | |
| | | | W+53 | 89 | |
| | | | W+54 | 90 | |
| | | | W+55 | 91 | |
| | | | W+56 | 92 | |
| | | | W+57 | 93 | |
| | | | W+58 | 94 | |
| | | | W+59 | 100 | |
| | | | W+60 | 101 | |
| | | | W+61 | 102 | |
| | | | W+62 | 103 | |
| | | | W+63 | 104 | |
| | | | W+64 | 105 | |
| | | | W+65 | 106 | |
| | | | W+66 | 107 | |
| | | | W+67 | 108 | |
| | | | W+68 | 109 | |
| | | | W+69 | 110 | |
| | | | W+70 | 111 | |
| | | | W+71 | 112 | |
| | | | W+72 | 113 | |
| | | | W+73 | 114 | |
| | | | W+74 | 115 | |
| | | | W+75 | 116 | |
| | | | W+76 | 117 | |
| | | | W+77 | 118 | |
| | | | W+78 | 119 | |
| | | | W+79 | 120 | |
| | | | W+80 | 121 | |
| | | | W+81 | 122 | |
| | | | W+82 | 123 | |
| | | | W+83 | 124 | |
| | | | W+84 | 125 | |
| | | SUB MID | A-8 | 01 | I |
| | | | A-4 | 96 | |
| | | | A-3 | 97 | |
| | | | A-2 | 98 | |
| | | | A-1 | 99 | |
| ○ | × | UHF | 14 ≀ 69 | | IV |

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

# CHANNEL CHART (CA)

| MODE | | BAND | CHANNEL | | TUNER BAND |
|---|---|---|---|---|---|
| TV | CATV | | REAL | DISP. | |
| ○ | ○ | VL | 02 | | I |
| | | | 03 | | |
| | | | 04 | | |
| | | | 05 | | |
| | | | 06 | | |
| | | VH | 07 | | II |
| | | | 08 | | |
| | | | 09 | | |
| | | | 10 | | |
| | | | 11 | | |
| | | | 12 | | |
| | | | 13 | | |
| × | ○ | MID | A | 14 | |
| | | | B | 15 | |
| | | | C | 16 | |
| | | | D | 17 | |
| | | | E | 18 | |
| | | | F | 19 | |
| | | | G | 20 | |
| | | | H | 21 | |
| | | | I | 22 | |
| | | SUPER | J | 23 | |
| | | | K | 24 | |
| | | | L | 25 | |
| | | | M | 26 | |
| | | | N | 27 | |
| | | | O | 28 | |
| | | | P | 29 | III |
| | | | Q | 30 | |
| | | | R | 31 | |
| | | | S | 32 | |
| | | | T | 33 | |
| | | | U | 34 | |
| | | | V | 35 | |
| | | | W | 36 | |
| | | HYPER | W+1 | 37 | |
| | | | W+2 | 38 | |
| | | | W+3 | 39 | |
| | | | W+4 | 40 | |
| | | | W+5 | 41 | |
| | | | W+6 | 42 | |
| | | | W+7 | 43 | |
| | | | W+8 | 44 | |
| | | | W+9 | 45 | |
| | | | W+10 | 46 | |
| | | | W+11 | 47 | |
| | | | W+12 | 48 | |
| | | | W+13 | 49 | |
| | | | W+14 | 50 | |
| | | | W+15 | 51 | |
| | | | W+16 | 52 | |
| | | | W+17 | 53 | |
| | | | W+18 | 54 | |
| | | | W+19 | 55 | |
| | | | W+20 | 56 | |
| | | | W+21 | 57 | |
| | | | W+22 | 58 | |
| | | | W+23 | 59 | |
| | | | W+24 | 60 | |
| | | | W+25 | 61 | |
| | | | W+26 | 62 | |
| | | | W+27 | 63 | |
| | | | W+28 | 64 | |
| | | ULTRA | W+29 | 65 | |
| | | | W+30 | 66 | IV |
| | | | W+31 | 67 | |
| | | | W+32 | 68 | |
| | | | W+33 | 69 | |
| | | | W+34 | 70 | |

| MODE | | BAND | CHANNEL | | TUNER BAND |
|---|---|---|---|---|---|
| TV | CATV | | REAL | DISP. | |
| × | ○ | ULTRA | W+35 | 71 | IV |
| | | | W+36 | 72 | |
| | | | W+37 | 73 | |
| | | | W+38 | 74 | |
| | | | W+39 | 75 | |
| | | | W+40 | 76 | |
| | | | W+41 | 77 | |
| | | | W+42 | 78 | |
| | | | W+43 | 79 | |
| | | | W+44 | 80 | |
| | | | W+45 | 81 | |
| | | | W+46 | 82 | |
| | | | W+47 | 83 | |
| | | | W+48 | 84 | |
| | | | W+49 | 85 | |
| | | | W+50 | 86 | |
| | | | W+51 | 87 | |
| | | | W+52 | 88 | |
| | | | W+53 | 89 | |
| | | | W+54 | 90 | |
| | | | W+55 | 91 | |
| | | | W+56 | 92 | |
| | | | W+57 | 93 | |
| | | | W+58 | 94 | |
| | | | W+59 | 100 | |
| | | | W+60 | 101 | |
| | | | W+61 | 102 | |
| | | | W+62 | 103 | |
| | | | W+63 | 104 | |
| | | | W+64 | 105 | |
| | | | W+65 | 106 | |
| | | | W+66 | 107 | |
| | | | W+67 | 108 | |
| | | | W+68 | 109 | |
| | | | W+69 | 110 | |
| | | | W+70 | 111 | |
| | | | W+71 | 112 | |
| | | | W+72 | 113 | |
| | | | W+73 | 114 | |
| | | | W+74 | 115 | |
| | | | W+75 | 116 | |
| | | | W+76 | 117 | |
| | | | W+77 | 118 | |
| | | | W+78 | 119 | |
| | | | W+79 | 120 | |
| | | | W+80 | 121 | |
| | | | W+81 | 122 | |
| | | | W+82 | 123 | |
| | | | W+83 | 124 | |
| | | | W+84 | 125 | |
| | | SUB MID | A-8 | 01 | I |
| | | | A-4 | 96 | |
| | | | A-3 | 97 | II |
| | | | A-2 | 98 | |
| | | | A-1 | 99 | |
| ○ | × | UHF | 14 ≀ 69 | | IV |

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
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SPECIAL ADAPTERS MAY BE REQUIRED.

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