

# STR-DE915/TA-V909/VE910

## SERVICE MANUAL



Photo : STR-DE915

*US Model*  
*Canadian Model*  
STR-DE915

*AEP Model*  
*UK Model*  
*E Model*  
TA-VE910

*Australian Model*  
STR-DE915

*Chinese Model*  
TA-V909

*PX Model*  
STR-DE915

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### SPECIFICATIONS

#### AUDIO POWER SPECIFICATIONS

#### POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 8-ohm load, both channels driven, from 20 - 20,000 Hz, rated 100 watts per channel, minimum RMS power, with no more than 0.09% total harmonic distortion from 250 milliwatts to rated output (USA model only).

#### Amplifier section

##### POWER OUTPUT

**Stereo mode** (8 ohms 20 Hz - 20 kHz, THD 0.09%)  
100 W + 100 W

**Surround mode** (8 ohms at 1 kHz, THD 0.8%)

Front: 100 W/ch  
Center\*: 100W  
Rear\*: 100 W/ch

\* Depending on the sound field settings and the source, sound will not be output.

#### Dynamic power output

155 W + 155 W, 8 ohms  
220 W + 220 W, 4 ohms

#### Harmonic distortion at rated output

Less than 0.09% (with DIRECT PASS on)

#### Frequency response

PHONO: RIAA equalization curve  $\pm 0.5$  dB  
CD, TAPE, DAT/MD, VIDEO 1, 2, 3: 10 Hz - 50 kHz  $\pm 0.5$  dB (with DIRECT PASS on)

#### Inputs

|                                        | Sensitivity | Impedance   | S/N (weighting network, input level) |
|----------------------------------------|-------------|-------------|--------------------------------------|
| PHONO                                  | 2.5 mV      | 50 kilohms  | 75 dB* (A, 2.5 mV)                   |
| CD, TAPE, DAT/MD, TUNER, VIDEO 1, 2, 3 | 150 mV      | 50 kilohms  | 82 dB* (A, 150 mV)                   |
| LD/DVD, TV/DBS                         |             |             |                                      |
| LD/DVD AC-3 RF                         | —           | 75 $\Omega$ | 100 dB (A, 20 kHz, LPF)              |
| LD/DVD, CD, DAT/MD OPTICAL             | —           | —           | 100 dB (A, 20 kHz, LPF)              |

\* '78 IHF

— Continued on next page —

STR-DE915  
**FM STEREO/FM-AM RECEIVER**  
TA-V909/VE910  
**INTEGRATED AV AMPLIFIER**



# SONY®

**Outputs** VIDEO 1, 2 AUDIO OUT:  
Voltage: 150 mV,  
Impedance: 10 kilohms  
WOOFER:  
Voltage: 2 V  
Impedance: 1 kilohms  
PHONES:  
Accepts low and high  
impedance headphones

**BASS BOOST** +6 dB at 50 Hz.

### Digital signal processor section

**Modulation (A/D conversion)**  
High Density Linear  
Converter

**Demodulation (D/A conversion)**  
High Density Linear  
Converter (Advanced  
pulse D/A converter)

**Sampling frequency**  
48 kHz

**Surround** LFE MIX:  
MUTE, -20 - 0 dB, 0.5 dB  
step  
D. RANGE COMP:  
OFF, 0.1 - 0.9, STD, MAX  
REAR level:  
-20 - +10 dB, 0.5 dB step  
CENTER level:  
-20 - +10 dB, 0.5 dB step  
SUB WOOFER level:  
-20 - +10 dB, 0.5 dB step  
EFFECT:  
21-step adjustable  
WALL:  
17-step adjustable  
SEAT F/R:  
17-step adjustable  
SEAT L/R:  
17-step adjustable  
REBERB time:  
17-step adjustable  
Depending on the sound  
field, some parameters  
may not be adjustable

**Equalizer** BAND: BASS/TREBLE  
Turnover frequency:  
Bass: 99 Hz - 992 Hz  
Treble: 1.0 kHz - 8.6 kHz  
Level:  $\pm 10$  dB, 0.5 dB step

### FM tuner section (STR-DE915)

**Tuning range** 87.5 - 108.0 MHz

**Antenna terminals**  
75 ohms, unbalanced

**Sensitivity** Mono: 18.3 dBf, 4.5  $\mu$ V  
Stereo: 38.3 dBf, 45  $\mu$ V

**Usable sensitivity**  
11.2 dBf, 2  $\mu$ V (IHF)

**S/N** Mono: 76 dB  
Stereo: 70 dB

**Harmonic distortion at 1 kHz**  
Mono: 0.3%  
Stereo: 0.5%

**Separation** 45 dB at 1 kHz

**Frequency response**  
30 Hz - 15 kHz  $-0.5$  dB

**Selectivity** 60 dB at 400 kHz

### AM tuner section (STR-DE915)

**Tuning range** With 10 kHz interval:  
530 - 1710 kHz (US, PX and  
Canadian model only\*\*)  
530 - 1610 kHz (models for  
all other countries except  
for Australia)  
With 9 kHz interval:  
531 - 1710 kHz (US, PX and  
Canadian model only)  
531 - 1602 kHz (Australian  
model and models for all  
other countries\*\*)

**Antenna** Loop antenna

**Usable sensitivity**  
50 dB/m (at 1,000 kHz or  
999 kHz)

**S/N** 54 dB (at 50 mV/m)

**Harmonic distortion**  
0.5 % (50 mV/m,  
400 kHz)

**Selectivity** At 9 kHz: 35 dB  
At 10 kHz: 40 dB

**\*\* You can change the AM tuning  
interval to 9 kHz (US, PX and Canadian  
model only) or to 10 kHz (models for  
all other countries except for  
Australia). After tuning in any AM  
station, turn off the receiver. Hold  
down the PRESET TUNING + button  
and press the POWER button. All  
preset stations will be erased when  
you change the interval. To reset the  
interval to 10 kHz (or 9 kHz), repeat  
the procedure.**

### Video section

**Inputs** 1 Vp-p 75 ohms

**Outputs** 1 Vp-p 75 ohms

### General

**System** Tuner section: (STR-DE915)  
PLL quartz-locked digital  
synthesizer system  
Preamplifier section:  
Low-noise NF type  
equalizer  
Power amplifier section:  
Pure-complementary SEPP

### Power requirements

US and Canadian models:  
120 V AC, 60 Hz  
Australian model:  
240 V AC, 50 Hz  
E, PX models:  
120/240/220 V AC  
selectable, 50/60 Hz  
AEP, UK, German,  
East European,  
North European models:  
230 V AC, 50 / 60 Hz  
Singapore, Chinese,  
Malaysia models:  
220 - 230 V AC, 50 /60 Hz

### Power consumption

Canadian model: 480 VA  
Other models: 290 W

**AC outlets** US, Canadian, PX, Chinese  
models:  
2 switched, total  
120 W  
Other models:  
1 switched, maximum  
100 W

**Dimensions** 430  $\times$  155  $\times$  350 mm  
(17  $\times$  6  $\frac{1}{8}$   $\times$  13  $\frac{7}{8}$  inches)  
including projecting parts  
and controls

### Mass (Approx.)

STR-DE915: 11.2 kg  
(24 lb 10oz)  
TA-V909/VE910: 9.8 kg  
(21 lb 9oz)

Design and specifications are subject to  
change without notice.

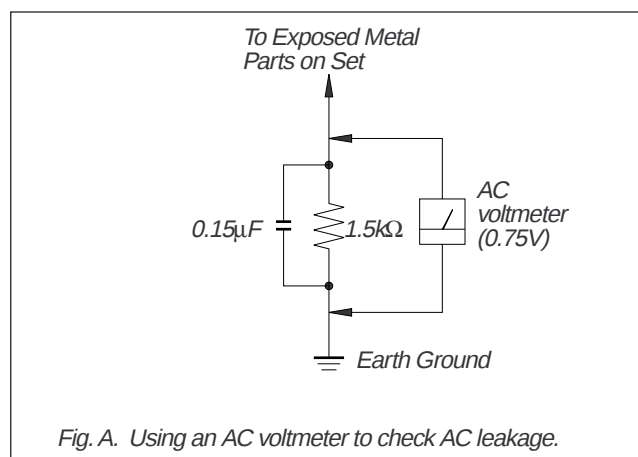
## SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

### LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)



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### SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  $\triangle$  OR DOTTED LINE WITH MARK  $\triangle$  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

### ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE  $\triangle$  SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

# SECTION 1 GENERAL

## LOCATION AND FUNCTION OF CONTROLS [FRONT PANEL]

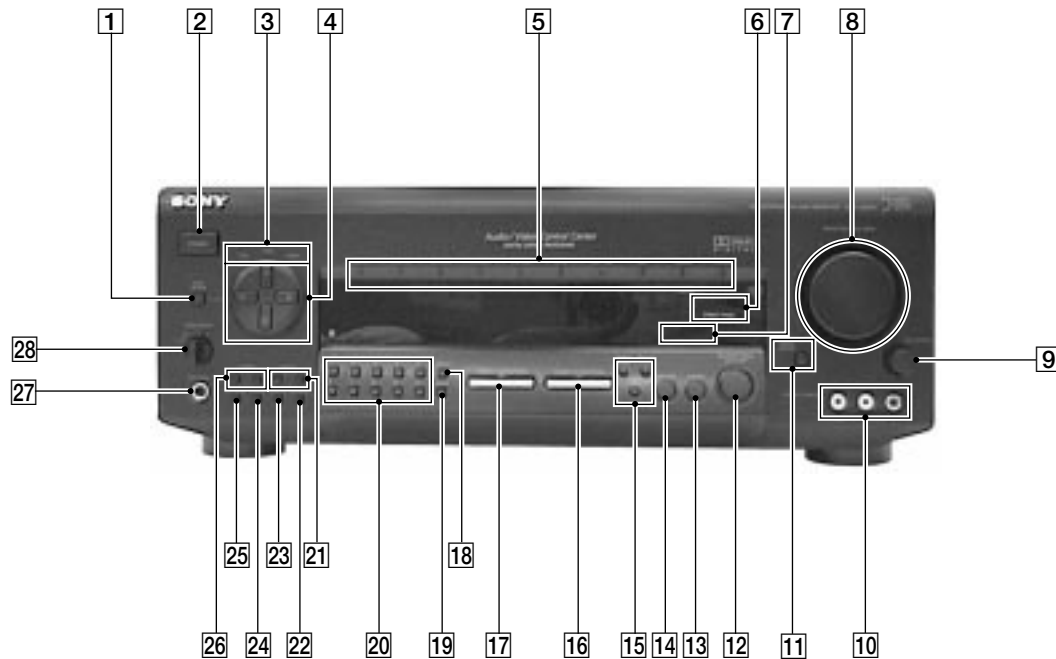
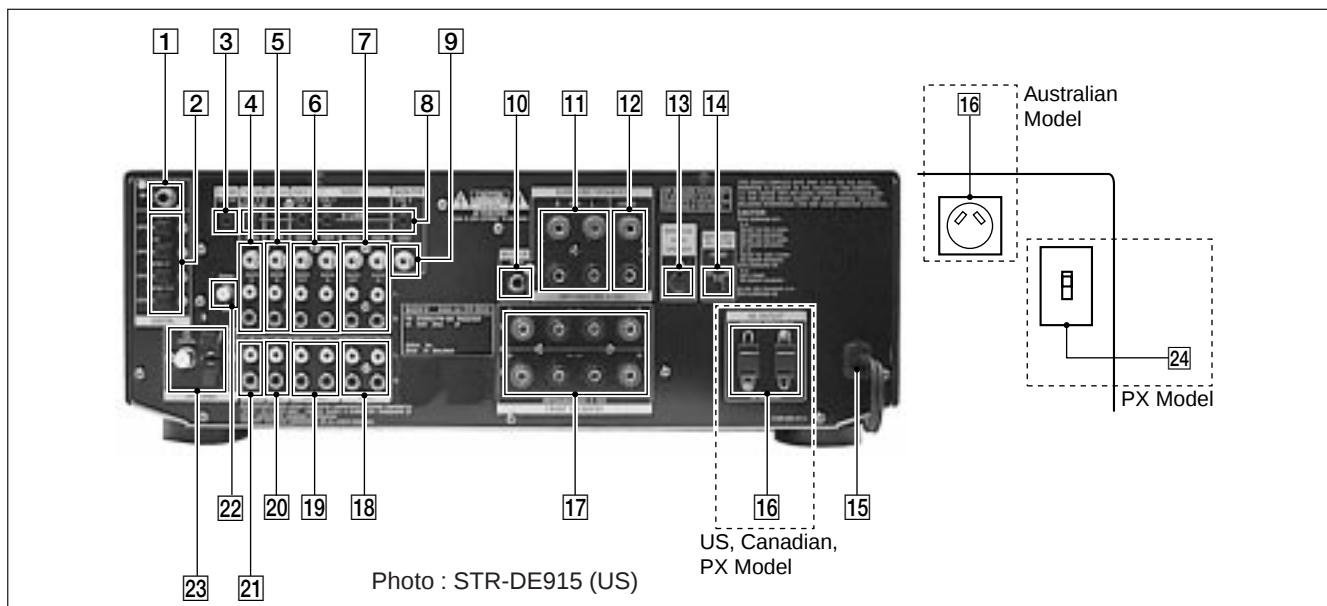


Photo : STR-DE915 (US)

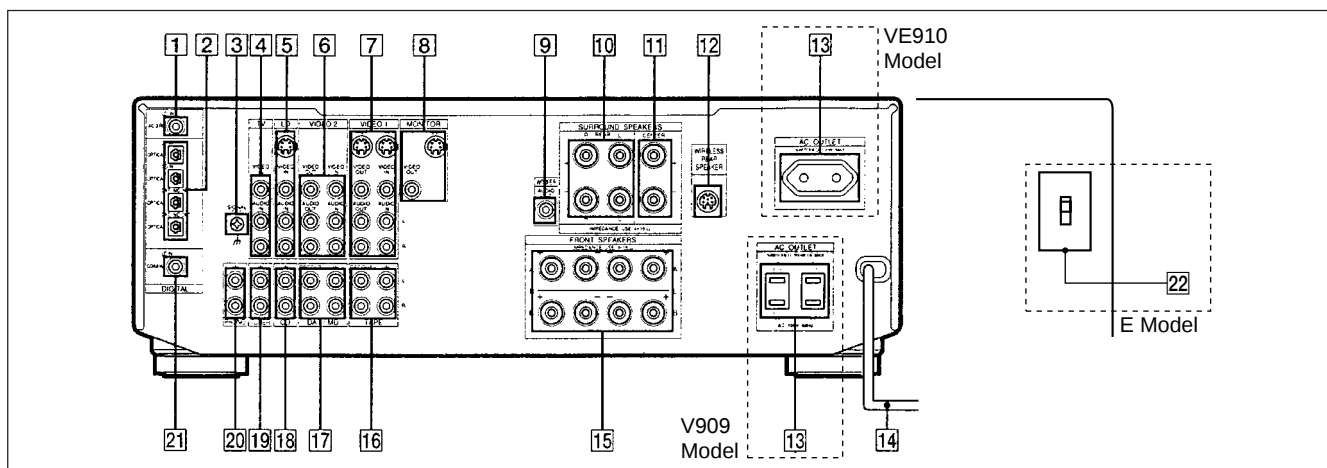
- |                                                   |                                                  |
|---------------------------------------------------|--------------------------------------------------|
| <b>1</b> DPC MODE button                          | <b>16</b> AUDIO FUNCTION buttons                 |
| <b>2</b> POWER switch                             | <b>17</b> VIDEO FUNCTION buttons                 |
| <b>3</b> SUR, TONE, INDEX indicators              | <b>18</b> DIRECT button (STR-DE915)              |
| <b>4</b> Digital processing control buttons       | <b>19</b> SHIFT button (STR-DE915)               |
| <b>5</b> Function indicators                      | <b>20</b> Numeric buttons (STR-DE915)            |
| <b>6</b> DIRECT PASS indicator                    | <b>21</b> PRESET TUNING +, - buttons (STR-DE915) |
| <b>7</b> DISCRETE indicator                       | <b>22</b> MEMORY button (STR-DE915)              |
| <b>8</b> MASTER VOLUME control                    | <b>23</b> DISPLAY button                         |
| <b>9</b> BALANCE control                          | <b>24</b> FM/AM button (STR-DE915)               |
| <b>10</b> VIDEO 3 INPUT jack                      | <b>24</b> DIMMER button (TA-V909/VE910)          |
| <b>11</b> BASS BOOST button/indicator             | <b>25</b> FM MODE button (STR-DE915)             |
| <b>12</b> SOUND FIELD ON/OFF button               | <b>26</b> TUNING +, - buttons (STR-DE915)        |
| <b>13</b> MODE button                             | <b>27</b> PHONES jack                            |
| <b>14</b> GENRE button                            | <b>28</b> SPEAKERS switch                        |
| <b>15</b> DIRECT PASS, SET UP, INPUT MODE buttons |                                                  |

**[REAR PANEL]  
STR-DE915 MODEL**



- |                                         |                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------|
| 1 LD/DVD IN AC-3 RF                     | 13 WIRELESS REAR SPEAKER                                                 |
| 2 LD/DVD IN/CD/IN/DAT/MD IN/OUT OPTICAL | 14 IMPEDANCE SELECTOR                                                    |
| 3 S-LINK CTRL A1 (US, Canadian model)   | 15 AC power cord                                                         |
| 4 TV/DBS (US, Canadian model)           | 16 AC OUTLET (Outlet shape and position varies according to destination) |
| 5 LD/DVS (US, Canadian model)           | 17 FRONT SPEAKERS (A/B)                                                  |
| 5 LD (PX, Australian model)             | 18 TAPE                                                                  |
| 6 VIDEO 2 (US, Canadian model)          | 19 DAT/MD                                                                |
| 7 VIDEO 1                               | 20 CD                                                                    |
| 8 CTRL S (US, Canadian model)           | 21 PHONO                                                                 |
| 9 MONITOR                               | 22 $\hbar$ SIGNALGND                                                     |
| 10 WOOFER                               | 23 ANTENNA (AM/FM)                                                       |
| 11 SURROUND SPEAKERS (REAR)             | 24 VOLTAGE SELECTOR (PX model)                                           |
| 12 SURROUND SPEAKERS (CENTER)           |                                                                          |

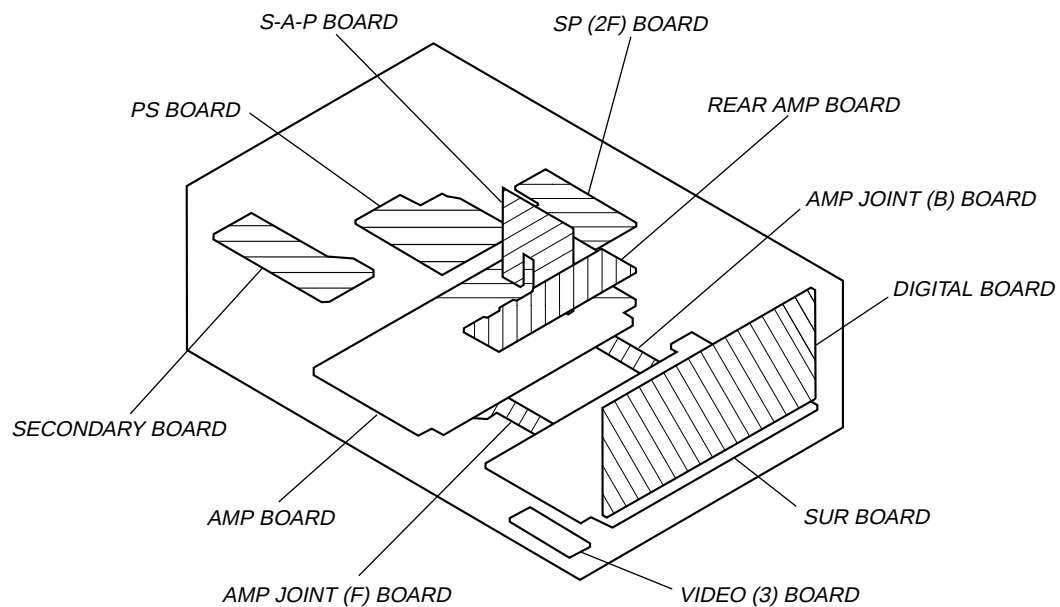
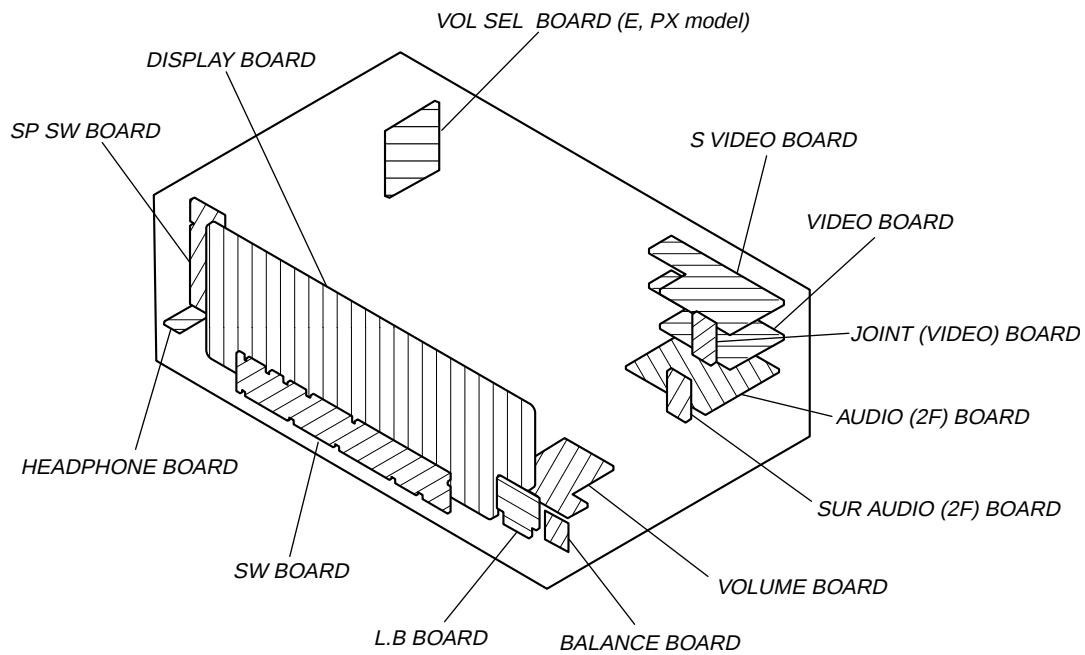
**TA-V909/VE910 MODEL**



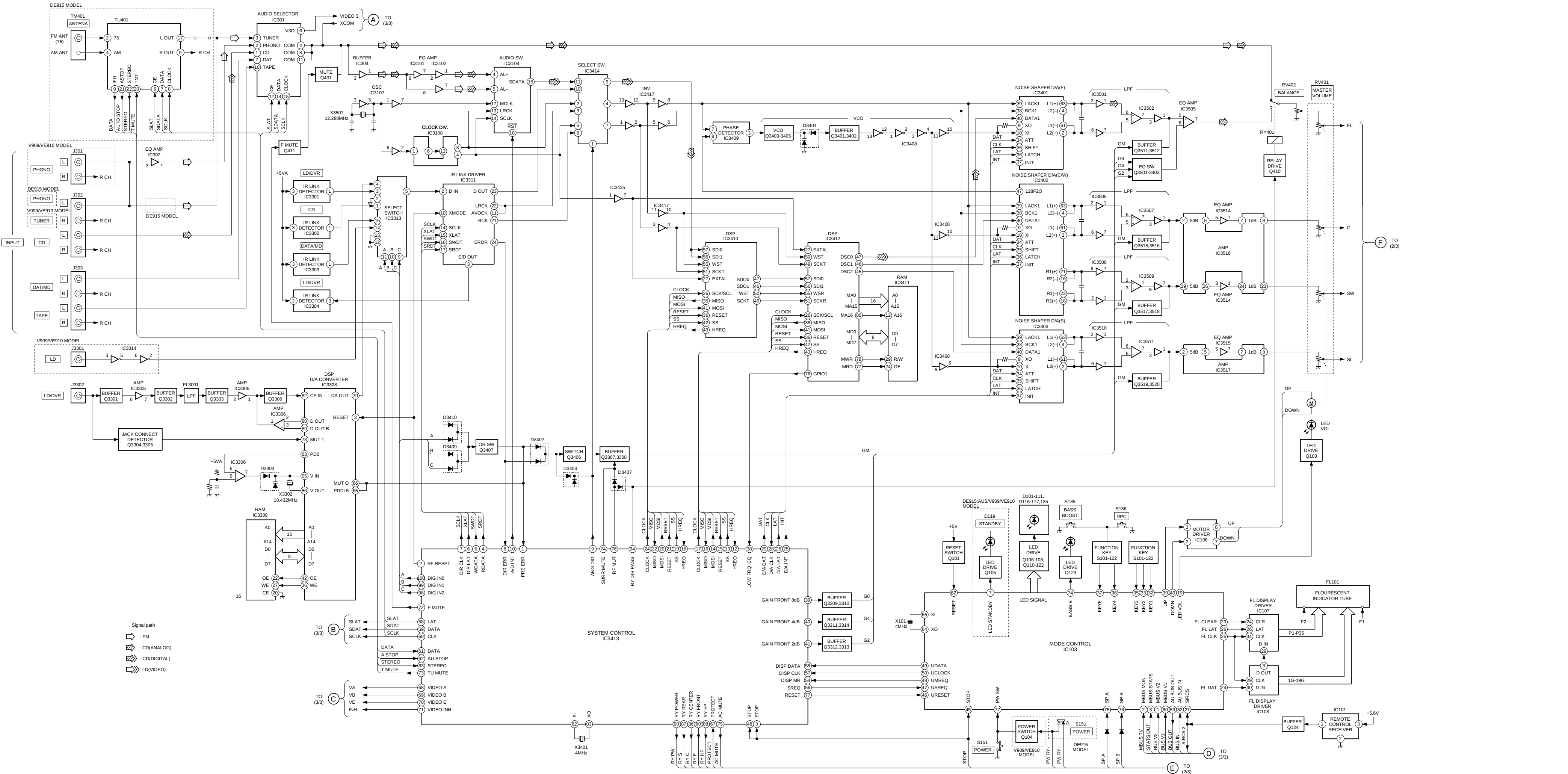
- |                                         |                               |
|-----------------------------------------|-------------------------------|
| 1 DVD/LD IN AC-3 RF                     | 12 WIRELESS REAR SPEAKER      |
| 2 DVD/LD IN/CD IN/DAT/MD IN/OUT OPTICAL | 13 AC OUTLET                  |
| 3 $\hbar$ SIGNALGND                     | 14 AC power cord              |
| 4 TV                                    | 15 FRONT SPEAKERS (A/B)       |
| 5 LD/DVD                                | 16 TAPE                       |
| 6 VIDEO 2                               | 17 DAT/MD                     |
| 7 VIDEO 1                               | 18 CD                         |
| 8 MONITOR                               | 19 TUNER                      |
| 9 WOOFER                                | 20 PHONO                      |
| 10 SURROUND SPEAKERS (REAR)             | 21 DVD/LD IN COAXIAL          |
| 11 SURROUND SPEAKERS (CENTER)           | 22 VOLTAGE SELECTOR (E model) |
- \* : DVD (STR-DE915/TA-V909 Model)

## SECTION 2 DIAGRAMS

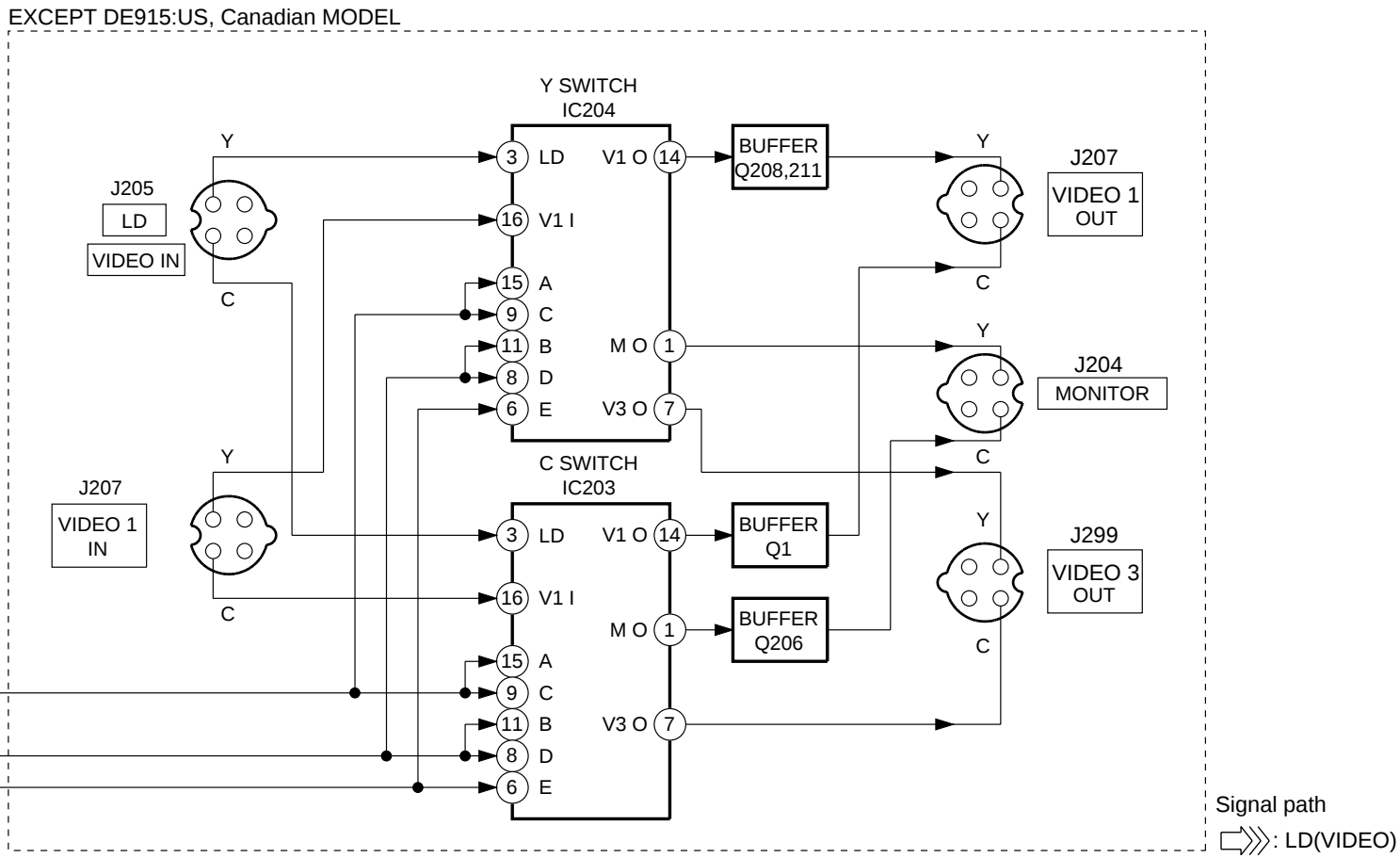
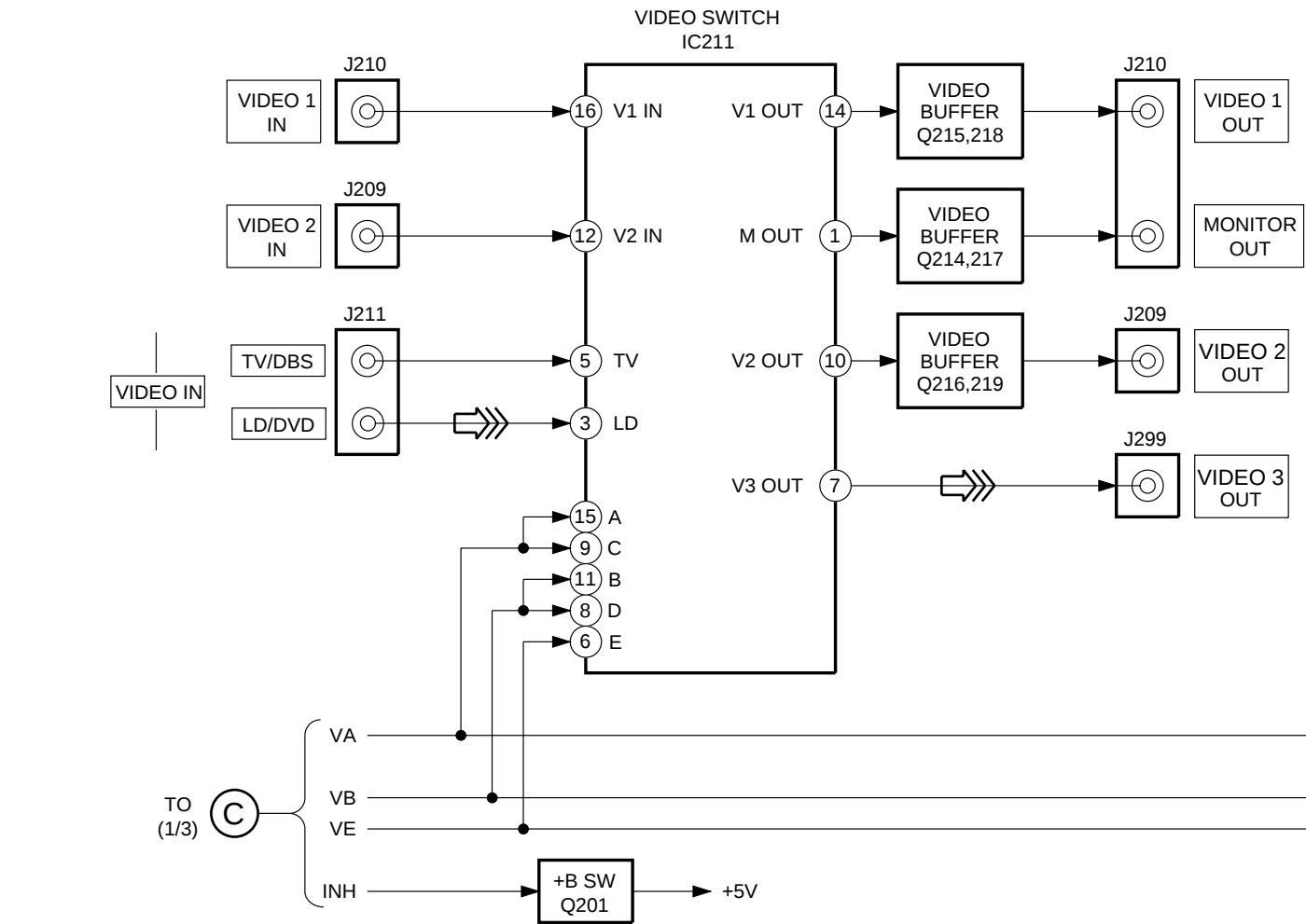
### 2-1. CIRCUIT BOARDS LOCATION



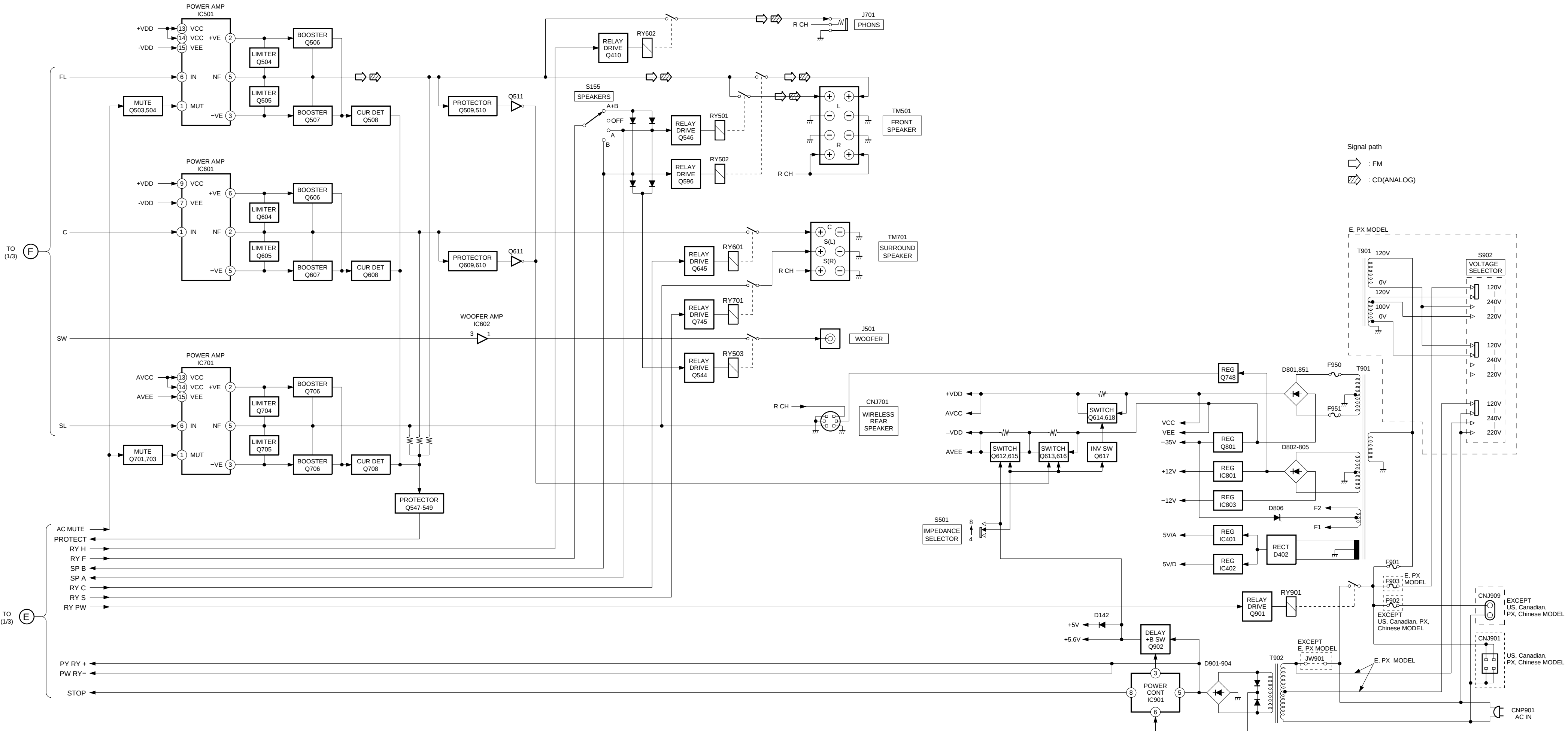
2-2. BLOCK DIAGRAM — MAIN SECTION —



### 2-3. BLOCK DIAGRAM — VIDEO IN/OUT SECTION —

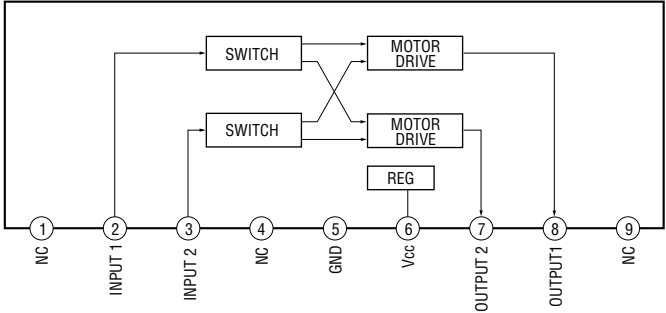


2-4. BLOCK DIAGRAM —POWER SECTION —

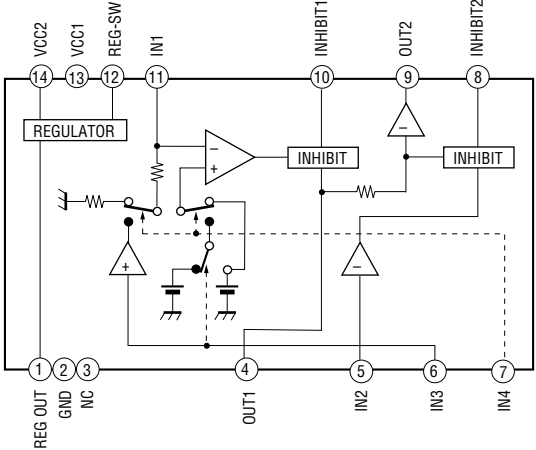


2-11 IC BLOCK DIAGRAMS

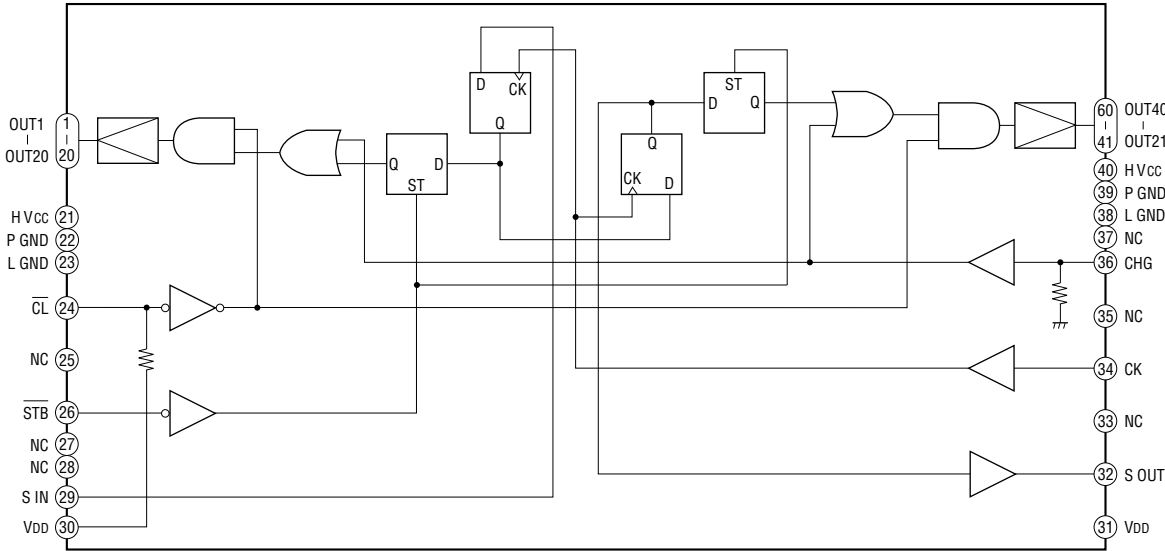
IC106 BA6208



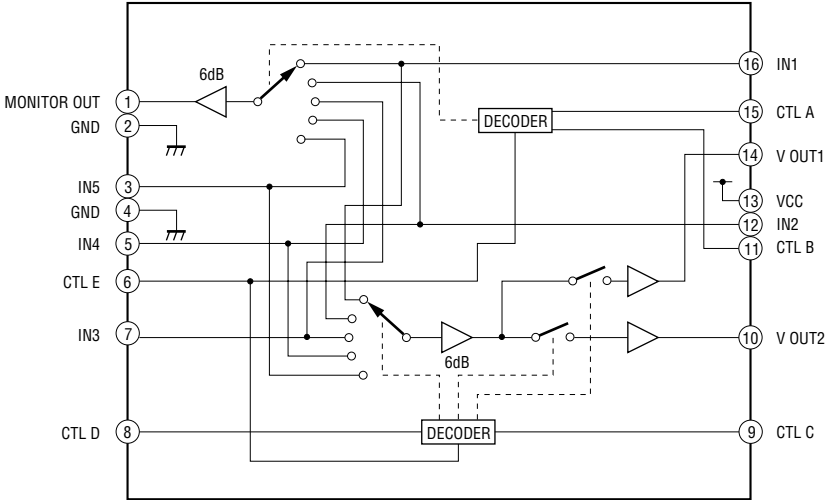
IC228 NJM2129D



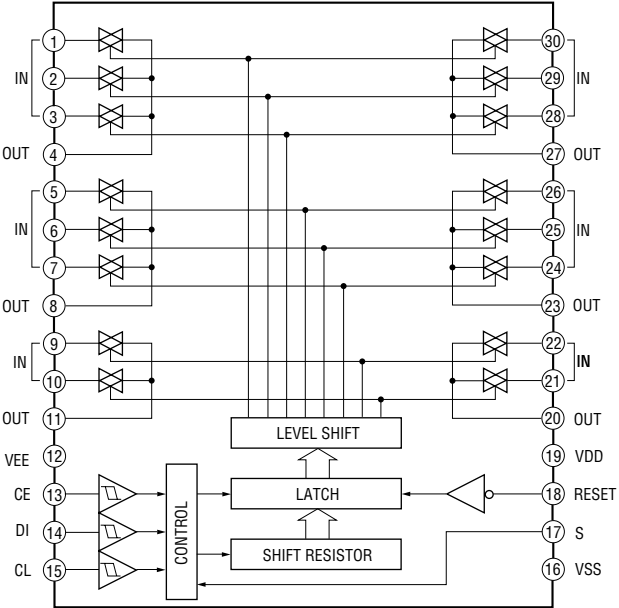
IC107 TD62C950RF



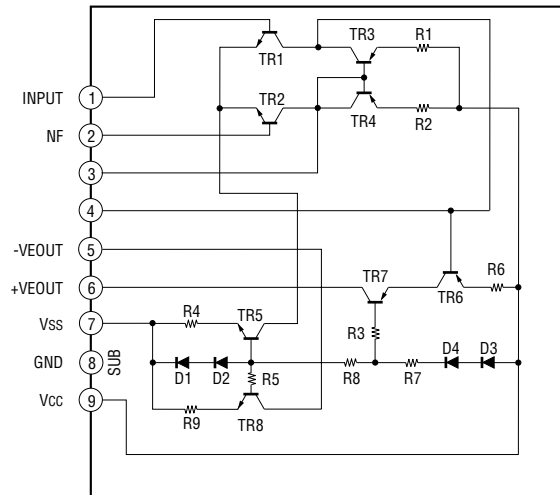
IC203, 204, 211 SN761200



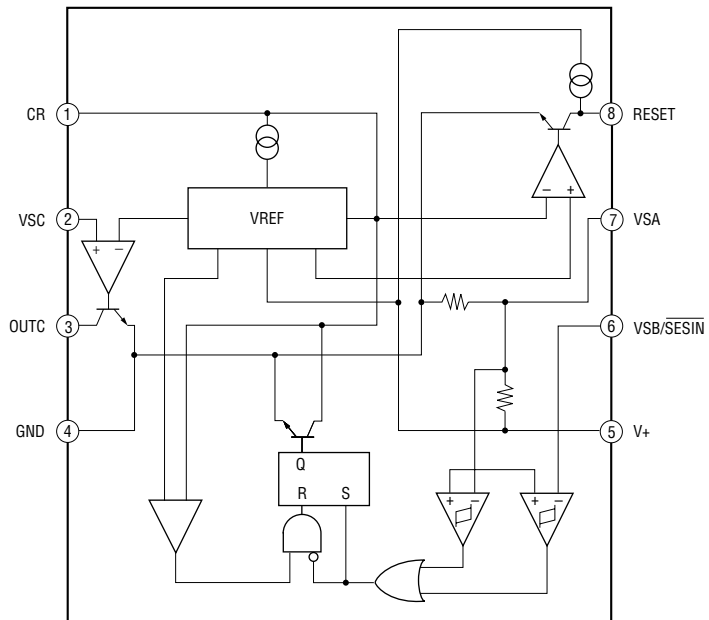
IC301, 303 LC7822



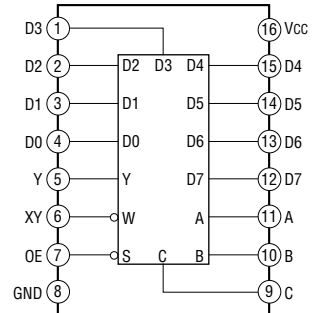
### IC601 STK350-230



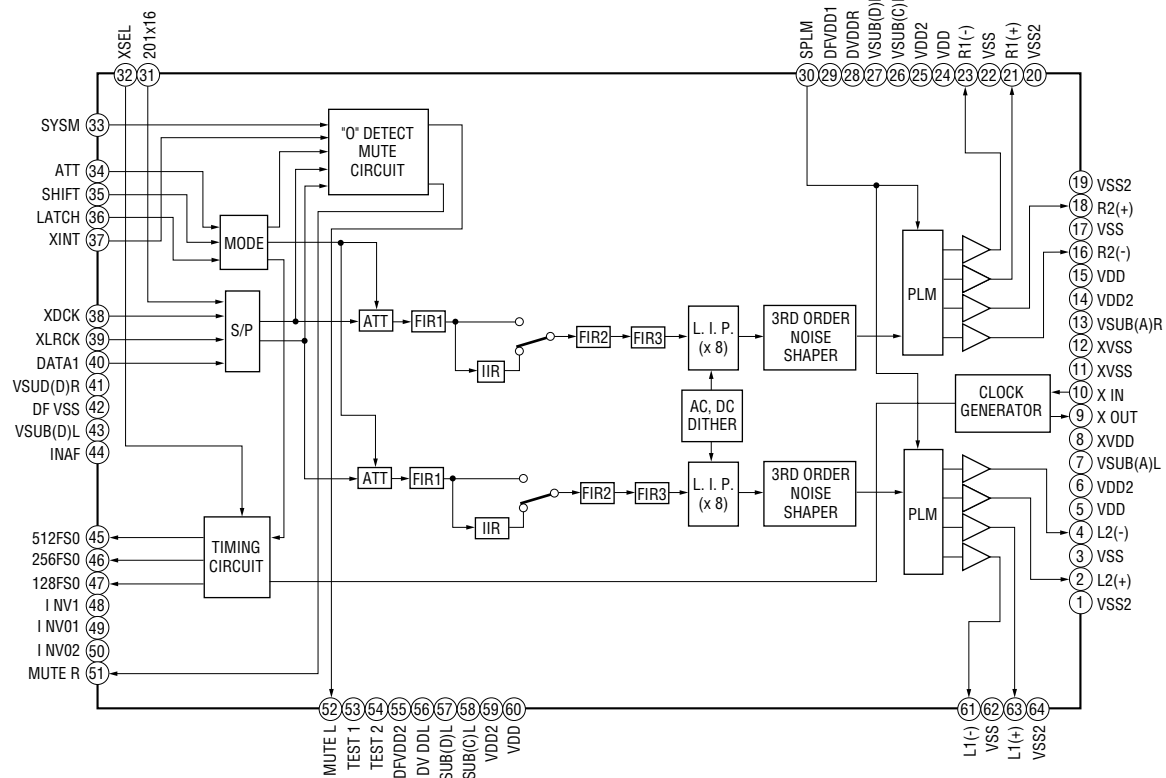
### IC901 NJM2103D



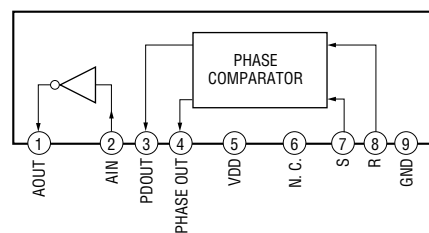
### IC3313 TC74HC151AF-TP1



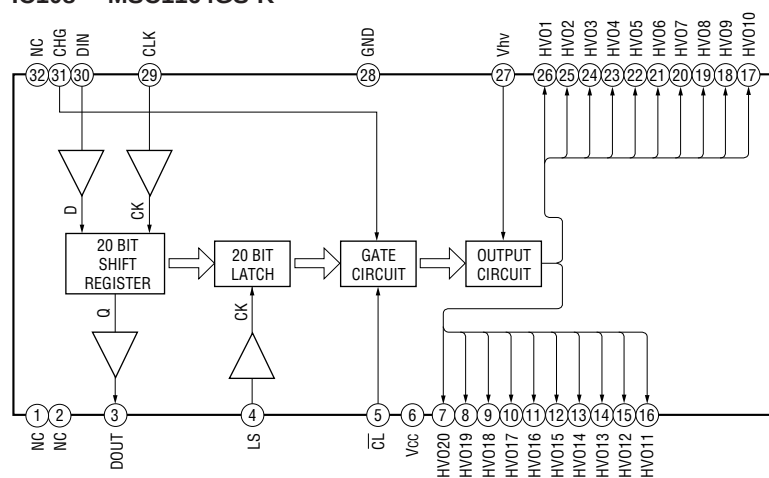
## IC3401, 3402, 3403 CXD8505BQ



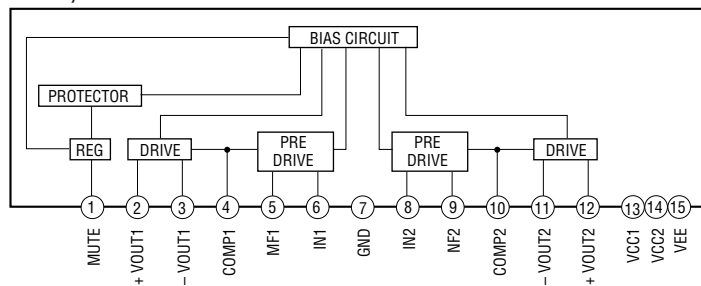
## IC3409 TC5081AP



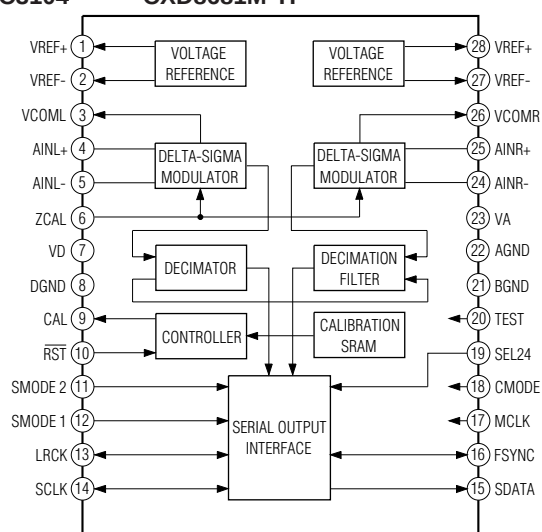
## IC108 MSC1164GS-K



# IC501, 701 uPC2581V



# IC3104 CXD8681M-TP



## 2-16. IC PIN FUNCTION

### • IC103 MB90673PF-G-206-BND (MODE CONTROL)

| Pin No. | Pin Name   | I/O | Description                                     |
|---------|------------|-----|-------------------------------------------------|
| 1       | MBUS-V2    | I   | M-BUS (VIDEO2) input.                           |
| 2       | MBUS-MON   | I   | M-BUS (MONITOR) input.                          |
| 3       | STATUS-OUT | O   | M-BUS status output.                            |
| 4       | N.C.       | —   | Not used.                                       |
| 5       | N.C.       | —   | Not used.                                       |
| 6       | N.C.       | —   | Not used.                                       |
| 7       | LED-STBY   | O   | LED output (STANDBY).                           |
| 8       | LED-SURR   | O   | LED output (DPC: SUR).                          |
| 9       | LED-TONE   | O   | LED output (DPC: EQ).                           |
| 10      | LED-INDEX  | O   | LED output (DPC: INDEX).                        |
| 11      | Vss        | —   | Ground.                                         |
| 12      | LED-CD     | O   | LED output (CD).                                |
| 13      | LED-DAT/MC | O   | LED output (DAT/MD).                            |
| 14      | LED-TAPE   | O   | LED output (TAPE).                              |
| 15      | LED-TV     | O   | LED output (TV).                                |
| 16      | LED-LD     | O   | LED output (LD).                                |
| 17      | LED-V3     | O   | LED output (VIDEO3).                            |
| 18      | LED-V2     | O   | LED output (VIDEO2).                            |
| 19      | LED-V1     | O   | LED output (VIDEO1).                            |
| 20      | RX         | —   | Not used.                                       |
| 21      | TX         | —   | Not used.                                       |
| 22      | BUSY       | —   | Not used.                                       |
| 23      | FLCLR      | O   | FL clear output (FL tube).                      |
| 24      | FLDAT      | O   | FL data output (FL tube).                       |
| 25      | FLCLK      | O   | FL clock output (FL tube).                      |
| 26      | FLLAT      | O   | FL latch output (FL tube).                      |
| 27      | SIRCS      | I   | SIRCS remote control signal input.              |
| 28      | AVcc       | —   | 5V.(Backup power supply)                        |
| 29      | AVR +      | —   | 5V.                                             |
| 30      | AVR –      | —   | Ground.                                         |
| 31      | AVss       | —   | Ground.                                         |
| 32      | ADKIN1     | I   | AD KEY input 1 [Open drain]                     |
| 33      | ADKIN2     | I   | AD KEY input 2 [Open drain]                     |
| 34      | Vss        | —   | Ground.                                         |
| 35      | ADKIN3     | I   | AD KEY input 3 [Open drain].                    |
| 36      | ADKIN4     | I   | AD KEY input 4 [Open drain].                    |
| 37      | ADKIN5     | I   | AD KEY input 5 [Open drain].                    |
| 38      | AD-VERSION | I   | AD VERSION input [Open drain].                  |
| 39      | VOLUP      | O   | VOLUME UP.                                      |
| 40      | VOLDOWN    | O   | VOLUME DOWN.                                    |
| 41      | MD0        | I   | Mode setting, High (Backup power supply).       |
| 42      | MD1        | I   | Mode setting, High (Backup power supply).       |
| 43      | MD2        | I   | Mode setting, Low.                              |
| 44      | STANDBY    | I   | STOP input.                                     |
| 45      | STOP       | I   | Hardware standby, High.                         |
| 46      | U-RESET    | O   | Reset signal. (Control microprocessor).         |
| 47      | U-SREQ     | I   | Salve request & data. (Control microprocessor). |
| 48      | U-MREQ     | O   | Master request. (Control microprocessor).       |
| 49      | U-DATA     | O   | Master data. (Control microprocessor).          |
| 50      | U-CLOCK    | O   | Master clock. (Control microprocessor).         |

| Pin No. | Label Name   | I/O | Description                 |
|---------|--------------|-----|-----------------------------|
| 51      | GND          | —   | L: HiFi, H: ES.             |
| 52      | AUBUS IN     | I   | Control-A1.                 |
| 53      | AUBUS OUT    | O   | Control-A1.                 |
| 54      | GND          | —   | Ground.                     |
| 55      | EN-FNC.B     | I   | Encoder input (Function-B). |
| 56      | EN-FNC.A     | I   | Encoder input (Function-A). |
| 57      | UP/DOWN-B    | —   | Not used.                   |
| 58      | UP/DOWN-A    | —   | Not used.                   |
| 59      | LEFT/RIGHT-B | —   | Not used.                   |
| 60      | LEFT/RIGHT-A | —   | Not used.                   |
| 61      | GND          | —   | Ground.                     |
| 62      | RESET        | I   | Reset.                      |
| 63      | Vss          | —   | Ground.                     |
| 64      | X0           | O   | Ceramic oscillator, 4 MHz.  |
| 65      | X1           | I   | Ceramic oscillator, 4 MHz.  |
| 66      | Vcc          | —   | 5V (Backup power supply).   |
| 67      | LED- TUNER   | O   | LED output (TUNER).         |
| 68      | LED-PHONO    | O   | LED output (PHONO).         |
| 69      | LED-MUTE     | O   | LED output (MUTE).          |
| 70      | LED-LEARN    | O   | LED output (IR-LEARN).      |
| 71      | LED-DIRECT   | O   | LED output (DIRECT PASS).   |
| 72      | LED-INPUT    | O   | LED output (DISCRETE).      |
| 73      | LED-VOL      | O   | LED output (VOLUME).        |
| 74      | LED-BASSB    | O   | LED output (BASS BOOST).    |
| 75      | SP-A         | I   | SPEAKER A signal input.     |
| 76      | SP-B         | I   | SPEAKER B signal input.     |
| 77      | PW-SW        | I   | POWER key input.            |
| 78      | LED-TV (V)   | O   | LED output (TV) for video.  |
| 79      | LED-LD (V)   | O   | LED output (LD) for video.  |
| 80      | MBUS-V1      | I   | M-BUS (VIDEO 1) input.      |

• IC3413 MB90641APF-G-104BND (SYSTEM CONTROL)

| Pin No. | Pin Name       | I/O | Description                  |
|---------|----------------|-----|------------------------------|
| 1       | RF-ERR         | I   | RF demodulator error signal. |
| 2       | RF-RESET       | O   | RR demodulator reset.        |
| 3       | STOP           | I   | Stop in.                     |
| 4       | RDATA          | I   | DIR LC8905V data.            |
| 5       | WDATA          | O   | DIR LC8905V write data.      |
| 6       | DIRLAT         | O   | DIR LC8905V latch.           |
| 7       | DIRCLK         | O   | DIR LC8905V clock.           |
| 8       | DIRERR         | I   | DIR LC8905V error.           |
| 9       | ANA/DIG        | O   | Analog/Digital.              |
| 10      | A/DINT         | O   | A/D Converter AK5390 init.   |
| 11      | Vss            | —   | Ground.                      |
| 12      | HREQ           | I   | DSP56009 SHI HREQ.           |
| 13      | SS             | O   | DSP56009 SHI SS.             |
| 14      | MOSI           | O   | DSP56009 SHI MOSI.           |
| 15      | RESET          | O   | DSP56009 SHI reset.          |
| 16      | MISO           | I   | DSP56009 SHI MISO.           |
| 17      | CLOCK          | O   | DSP56009 SHI clock.          |
| 18      | HREQ           | I   | DSP56009 SHI HREQ.           |
| 19      | SS             | O   | DSP56009 SHI SS.             |
| 20      | MOSI           | O   | DSP56009 SHI MOSI.           |
| 21      | RESET          | O   | DSP56009 SHI reset.          |
| 22      | MISO           | I   | DSP56009 SHI MISO.           |
| 23      | Vcc            | —   | +5V.                         |
| 24      | CLOCK          | O   | DSP56009 SHI clock.          |
| 25      | D/AINT         | O   | DF+DA CX8505BQ init.         |
| 26      | D/ALAT         | O   | DF+DA CX8505BQ latch.        |
| 27      | C              | —   | Connect to capacitor.        |
| 28      | D/ACLK         | O   | DF+DA CX8505BQ clock.        |
| 29      | D/ADATA        | O   | DF+DA CX8505BQ data.         |
| 30      | N.C            | —   | Not used.                    |
| 31      | N.C            | —   | Not used.                    |
| 32      | N.C            | —   | Not used.                    |
| 33      | N.C            | —   | Not used.                    |
| 34      | Vcc            | —   | +5V.                         |
| 35      | Vcc            | —   | +5V.                         |
| 36      | Vss            | —   | Ground.                      |
| 37      | Vss            | —   | Ground.                      |
| 38      | LOW-FRQ-IED    | I   | Low frequency signal.        |
| 39      | GAIN-FRONT-8DB | O   | Front out +8db.              |
| 40      | GAIN-FRONT-4DB | O   | Front out +4db.              |
| 41      | GAIN-FRONT-2DB | O   | Front out +2db.              |
| 42      | Vss            | —   | Ground.                      |
| 43      | N.C            | —   | Not used.                    |
| 44      | N.C            | —   | Not used.                    |
| 45      | N.C            | —   | Not used.                    |
| 46      | N.C            | —   | Not used.                    |
| 47      | N.C            | —   | Not used.                    |
| 48      | STOP           | I   | Power check.                 |
| 49      | MD0            | I   | Mode setting, HIGH.          |
| 50      | MD1            | I   | Mode setting, HIGH.          |

| Pin No. | Pin Name       | I/O | Description             |
|---------|----------------|-----|-------------------------|
| 51      | MD2            | I   | Mode setting, LOW.      |
| 52      | STANDBY        | I   | Standby swtch.          |
| 53      | N.C            | —   | Not used.               |
| 54      | DISPMR         | I   | display master request. |
| 55      | DISPDATA       | I   | display data.           |
| 56      | SLVDATA/REQ    | O   | Slave Data/Request.     |
| 57      | DISPCLK        | I   | Display clock.          |
| 58      | LAT            | O   | LC latch.               |
| 59      | DATA           | O   | LC data.                |
| 60      | CLK            | O   | LC clock.               |
| 61      | DATA IN        | I   | PLL data.               |
| 62      | AU STOP        | I   | PLL auto stop.          |
| 63      | STEREO         | I   | PLL stereo.             |
| 64      | N.C            | —   | Not used.               |
| 65      | N.C            | —   | Not used.               |
| 66      | HIFI/ES        | I   | Hifi/ES select.         |
| 67      | PROTEC         | I   | Protector.              |
| 68      | VIDE-A         | O   | Video select A.         |
| 69      | VIDE-B         | O   | Video select B.         |
| 70      | VIDE-E         | O   | Video select E.         |
| 71      | VIDEO-INH      | O   | Video output inhibit.   |
| 72      | FUN-MUTE       | O   | Function mute.          |
| 73      | TUNER-MUTE     | O   | Tuner mute.             |
| 74      | SURR-MUTE      | O   | Surround mute.          |
| 75      | AC-MUTE        | O   | All mute.               |
| 76      | RM-MUTE        | O   | “–20db” mute.           |
| 77      | RESET          | I   | Reset.                  |
| 78      | RY-FRONT/A     | O   | Front speakers B relay. |
| 79      | RY-FRONT/B     | O   | Front speakers A relay. |
| 80      | RY FRONT       | O   | Front speakers relay.   |
| 81      | Vss            | —   | Ground.                 |
| 82      | X IN           | I   | 4MHz OSC out.           |
| 83      | X OUT          | O   | 4MHz OSC in.            |
| 84      | Vcc            | —   | +5V.                    |
| 85      | RY-PRE AMP     | O   | Pre amplifier relay.    |
| 86      | RY-CENTER      | O   | Center speaker relay.   |
| 87      | RY-REAR        | O   | Rear speaker relay.     |
| 88      | RY-HP          | O   | Headphone relay.        |
| 89      | RY-4/8         | O   | Speaker 4/8 relay.      |
| 90      | RY-POWER       | O   | Power relay.            |
| 91      | N.C            | —   | Not used.               |
| 92      | N.C            | —   | Not used.               |
| 93      | N.C            | —   | Not used.               |
| 94      | RY-DIRECT-PASS | O   | Direct pass.            |
| 95      | N.C            | —   | Not used.               |
| 96      | N.C            | —   | Not used.               |
| 97      | N.C            | —   | Not used.               |
| 98      | DIG-IN2        | O   | Digital input select 2. |
| 99      | DIG-IN1        | O   | Digital input select 1. |
| 100     | DIG-IN0        | O   | Digital input select 0. |

• IC3308 DOLBY AC-3 demodulator (SN-PM4007A)

| Pin No. | Pin Name | I/O | Description                                     |
|---------|----------|-----|-------------------------------------------------|
| 1       | GND      | —   | Ground                                          |
| 2       | VDD      | —   | +5V power supply                                |
| 3       | RESET    | I   | System reset input “L” : reset                  |
| 4       | OSCON    | I   | Oscillation control signal input “H” : ON       |
| 5       | DATA     | I   | Test pin (Connected to ground)                  |
| 6       | MCK      | I   | Test pin (Connected to ground)                  |
| 7       | MLTB     | I   | Test pin (Connected to ground)                  |
| 8       | IDST     | O   | Test pin (Open)                                 |
| 9       | IDCK     | O   | Test pin (Open)                                 |
| 10      | IDO      | O   | Test pin (Open)                                 |
| 11      | TM0      | I   | Test pin (Connected to ground)                  |
| 12      | ECCK     | O   | Test pin (Open)                                 |
| 13      | DEN      | O   | Test pin (Open)                                 |
| 14      | DRY      | O   | Test pin (Open)                                 |
| 15      | MSYC     | O   | Test pin (Open)                                 |
| 16      | TM1      | I   | Test pin (Connected to ground)                  |
| 17      | A0       | O   | Address data output to SRAM                     |
| 18      | A1       | O   | Address data output to SRAM                     |
| 19      | A2       | O   | Address data output to SRAM                     |
| 20      | A3       | O   | Address data output to SRAM                     |
| 21      | A4       | O   | Address data output to SRAM                     |
| 22      | A5       | O   | Address data output to SRAM                     |
| 23      | TM2      | I   | Test pin (Connected to ground)                  |
| 24      | TM3      | I   | Test pin (Connected to ground)                  |
| 25      | XOUT     | O   | Test pin (Open)                                 |
| 26      | XIN      | I   | Test pin (Connected to ground)                  |
| 27      | XENT     | I   | Test pin (Connected to ground)                  |
| 28      | GND      | —   | Ground                                          |
| 29      | VDD      | —   | +5V power supply                                |
| 30      | A6       | O   | Address data output to SRAM                     |
| 31      | A7       | O   | Address data output to SRAM                     |
| 32      | GND      | —   | Ground                                          |
| 33      | VDD      | —   | +5V power supply                                |
| 34      | A12      | O   | Address data output to SRAM                     |
| 35      | A14      | O   | Address data output to SRAM                     |
| 36      | WE       | O   | Write enable signal output to SRAM “L” : active |
| 37      | A13      | O   | Address data output to SRAM                     |
| 38      | A8       | O   | Address data output to SRAM                     |
| 39      | A9       | O   | Address data output to SRAM                     |
| 40      | GND      | —   | Ground                                          |
| 41      | A11      | O   | Address data output to SRAM                     |
| 42      | OE       | O   | Output enable output to SRAM                    |
| 43      | A10      | O   | Address data output to SRAM                     |
| 44      | D7       | I/O | Data bus input/output with SRAM                 |
| 45      | D6       | I/O | Data bus input/output with SRAM                 |
| 46      | D5       | I/O | Data bus input/output with SRAM                 |
| 47      | D4       | I/O | Data bus input/output with SRAM                 |
| 48      | D3       | I/O | Data bus input/output with SRAM                 |
| 49      | D2       | I/O | Data bus input/output with SRAM                 |
| 50      | D1       | I/O | Data bus input/output with SRAM                 |

| Pin No. | Pin Name | I/O | Description                                                                         |
|---------|----------|-----|-------------------------------------------------------------------------------------|
| 51      | D0       | I/O | Data bus input/output with SRAM                                                     |
| 52      | VDD      | —   | +5V power supply                                                                    |
| 53      | GND      | —   | Ground                                                                              |
| 54      | TI1      | I   | Test pin (Connected to VDD)                                                         |
| 55      | VIN      | I   | VCXO input (18.432MHz)                                                              |
| 56      | VOOUT    | O   | VCXO output (18.432MHz)                                                             |
| 57      | TI2      | I   | Test pin (Connected to Ground)                                                      |
| 58      | TI3      | I   | Test pin (Connected to Ground)                                                      |
| 59      | TLD8     | I   | Test pin (Connected to Ground)                                                      |
| 60      | TCK      | I   | Test pin (Connected to Ground)                                                      |
| 61      | TRP      | O   | Test pin (Open)                                                                     |
| 62      | TD0      | O   | Test pin (Open)                                                                     |
| 63      | PD0      | O   | Output of internal phase comparator (3 state)                                       |
| 64      | TI4      | I   | Test pin (Connected to Ground)                                                      |
| 65      | PDDIS    | I   | PDO output control input “L” : output ON                                            |
| 66      | MUTO     | O   | Mute signal output “H” : mute                                                       |
| 67      | TI5      | I   | Test pin (Connected to Ground)                                                      |
| 68      | VLDY     | O   | Test pin (Open)                                                                     |
| 69      | DASYO    | O   | Test pin (Open)                                                                     |
| 70      | DAOUT    | O   | Digital-out signal output (Serial data stream output)                               |
| 71      | DAIN     | I   | Digital external input Through out to DAOUT when DASEL is “H” (Not used)            |
| 72      | DASEL    | I   | Digital-out selection input (Not used)                                              |
| 73      | TI8      | I   | Test pin (Connected to Ground)                                                      |
| 74      | C2F1     | O   | C2 error correction state display Outputs if corrected properly (Not used)          |
| 75      | C2F0     | O   | C2 error correction state display Outputs number of errors at C2 (Not used)         |
| 76      | C1F1     | O   | C2 error correction state display Outputs whether error is present at C1 (Not used) |
| 77      | C1F0     | O   | C2 error correction state display Outputs number of errors at C1 (Not used)         |
| 78      | MUTI     | I   | Muting input “H” mute                                                               |
| 79      | VDD      | —   | +5V power supply                                                                    |
| 80      | GND      | —   | Ground                                                                              |
| 81      | AVDD     | —   | +5V power supply (Analog)                                                           |
| 82      | CPIN     | I   | Comparator input (+) (QPSK input)                                                   |
| 83      | CMIN     | I   | Comparator input (–)                                                                |
| 84      | AGND     | —   | Ground (Analog)                                                                     |
| 85      | TM4      | I   | Test pin (Connected to ground)                                                      |
| 86      | VDD      | —   | +5V power supply                                                                    |
| 87      | DIN      | I   | Test pin (Connected to ground)                                                      |
| 88      | DOUT     | O   | Compare output                                                                      |
| 89      | DOUTB    | O   | Compare inverted output                                                             |
| 90      | C9M      | O   | 9.216MHz output (Open)                                                              |
| 91      | GND      | —   | Ground                                                                              |
| 92      | WINGT    | O   | Test pin (Connected to ground)                                                      |
| 93      | SYST0    | O   | Test pin (Connected to ground)                                                      |
| 94      | SYST1    | O   | Test pin (Connected to ground)                                                      |
| 95      | ADST0    | O   | Test pin (Connected to ground)                                                      |
| 96      | ADST1    | O   | Test pin (Connected to ground)                                                      |
| 97      | TM5      | I   | Test pin (Open)                                                                     |
| 98      | BUNRI    | I   | Test pin (Open)                                                                     |
| 99      | AGND     | —   | Ground (Analog)                                                                     |
| 100     | AVDD     | —   | +5V power supply (Analog)                                                           |

• IC3311 Digital Audio Interface Receiver (CXD8521M)

| Pin No. | Pin Name | I/O | Description                                                                   |
|---------|----------|-----|-------------------------------------------------------------------------------|
| 1       | DIN1     | I   | Data input with built-in amplifier (Responding to the coaxial optical module) |
| 2       | DIN2     | I   | Data input (Responding to the optical module)                                 |
| 3       | E/DOUT   | O   | Emphasis, input bi-phase, validity flag output                                |
| 4       | VDD      | —   | Power supply (+5V)                                                            |
| 5       | R        | I   | VCO gain control input (Fixed at “H”)                                         |
| 6       | VIN      | I   | VCO freerunning frequency setting input                                       |
| 7       | VCO      | O   | LPF setting of PLL (Fixed at “L”)                                             |
| 8       | GND      | —   | Ground                                                                        |
| 9       | CKSEL    | I   | System clock select input (384fs, 512fs) (Connected to the power supply.)     |
| 10      | XMODE    | I   | Reset input                                                                   |
| 11      | AVOCK    | I   | Clock input for preventing PLL lock failure                                   |
| 12      | TST1     | I   | Test input (Normally “L”)                                                     |
| 13      | TST2     | I   |                                                                               |
| 14      | SCLK     | I   | Microcomputer IF clock input                                                  |
| 15      | XLAT     | I   | Microcomputer IF latch/chip enable input                                      |
| 16      | SWDT     | I   | Microcomputer IF write data input                                             |
| 17      | SRDT     | O   | Microcomputer IF read data output                                             |
| 18      | DQSY     | O   | Microcomputer IF Sub-Q sync and ID sync output (Not used)                     |
| 19      | CKOUT    | O   | VCO clock output (Freerunning, 384fs, 512fs) (Not used)                       |
| 20      | FS128    | O   | 128fs clock output (Not used)                                                 |
| 21      | BCK      | O   | Bit clock output                                                              |
| 22      | LRCK     | O   | L/R clock output                                                              |
| 23      | DATAO    | O   | Audio data output                                                             |
| 24      | EROR     | O   | PLL lock error mute output                                                    |

• IC3410 Digital Signal Processor (DSP56009FJ88F)

| Pin No. | Pin Name | I/O | Description                                            |
|---------|----------|-----|--------------------------------------------------------|
| 1       | AGND     | —   | Address buffer ground                                  |
| 2       | MCS0     | O   | Chip select 0 output to S-RAM (Not used)               |
| 3       | MCS3     | O   | Chip select 3 output to S-RAM (Not used)               |
| 4       | MA14     | O   | Address data output to S-RAM (Not used)                |
| 5       | MA13     | O   |                                                        |
| 6       | AVCC     | —   | Address bus buffer power supply (+5V)                  |
| 7       | MA12     | O   | Address data output to S-RAM(Not used)                 |
| 8       | AGND     | —   | Ground for address bus buffer                          |
| 9       | QVCC     | —   | Power supply for internal logic (+5V)                  |
| 10      | QGND     | —   | Ground for internal logic                              |
| 11      | MA11     | O   | Address data output to S-RAM (Not used)                |
| 12      | MA10     | O   |                                                        |
| 13      | MA9      | O   |                                                        |
| 14      | MA8      | O   |                                                        |
| 15      | AGND     | —   | Ground for address bus buffer                          |
| 16      | MA7      | O   | Address data output to S-RAM (Not used)                |
| 17      | AVCC     | —   | Power supply for address bus buffer (+5V)              |
| 18      | MA6      | O   | Address data output to S-RAM (Not used)                |
| 19      | MA5      | O   |                                                        |
| 20      | MA4      | O   |                                                        |
| 21      | AGND     | —   | Ground for address bus buffer                          |
| 22      | MA3      | O   | Address data output to S-RAM (Not used)                |
| 23      | MA2      | O   |                                                        |
| 24      | MA1      | O   |                                                        |
| 25      | MA0      | O   |                                                        |
| 26      | SCK      | I   | SPI serial clock signal input from system controller   |
| 27      | EXTAL    | I   | External frequency input (3 MHz)                       |
| 28      | QVCC     | —   | Power supply for internal logic (+5V)                  |
| 29      | QGND     | —   | Ground for internal logic                              |
| 30      | PINIT    | I   | PLL initialize input (Fixed at “L”)                    |
| 31      | PGND     | —   | Ground for PLL                                         |
| 32      | PCAP     | I   | PLL filter input (Connected to 0.01 $\mu$ F capacitor) |
| 33      | PVCC     | —   | Power supply for PLL (+5V)                             |
| 34      | SGND     | —   | Ground for serial port                                 |
| 35      | MISO     | I   | Master data signal input from system controller        |
| 36      | RESET    | I   | Reset signal input from system controller              |
| 37      | MODA     | I   | Mode select A (Fixed at “H”)                           |
| 38      | MODB     | I   | Mode select B (Fixed at “L”)                           |
| 39      | MODC     | I   | Mode select C (Fixed at “H”)                           |
| 40      | SVCC     | —   | Power supply for serial port (+5V)                     |

| Pin No. | Pin Name | I/O | Description                                             |
|---------|----------|-----|---------------------------------------------------------|
| 41      | MOSI     | O   | Master data signal output to system controller          |
| 42      | SS       | I   | SPI slave select signal input from system controller    |
| 43      | HREQ     | I   | Host request signal input from system controller        |
| 44      | SGND     | —   | Ground for serial port                                  |
| 45      | SDO2     | O   | Audio serial data 2 signal output (Not used)            |
| 46      | SDO1     | O   | Audio serial data 1 signal output                       |
| 47      | SDO0     | O   | Audio serial data 0 signal output                       |
| 48      | SVCC     | —   | Power supply for serial port (+5V)                      |
| 49      | SCKT     | O   | Serial clock transmission                               |
| 50      | WST      | O   | Word select transmission                                |
| 51      | SCKR     | I   | Serial clock reception                                  |
| 52      | QGND     | —   | Ground for internal logic                               |
| 53      | QVCC     | —   | Power supply for internal logic (+5V)                   |
| 54      | SGND     | —   | Ground for serial port                                  |
| 55      | WSR      | I   | Word select reception                                   |
| 56      | SDI1     | I   | Audio serial data 1 signal input                        |
| 57      | SDI0     | I   | Audio serial data 0 signal input                        |
| 58      | DSO      | O   | Debug serial signal output (Not used)                   |
| 59      | DSI      | I   | Debug serial signal input (Not used)                    |
| 60      | DSCK     | I   | Debug serial clock signal input (Not used)              |
| 61      | DR       | I   | Debug request input (Fixed at “H”)                      |
| 62      | MD7      | I/O | Data input/output with S-RAM (Not used)                 |
| 63      | MD6      | I/O |                                                         |
| 64      | MD5      | I/O |                                                         |
| 65      | MD4      | I/O |                                                         |
| 66      | DGND     | —   | Ground for data bus buffer                              |
| 67      | MD3      | I/O | Data input/output with S-RAM (Not used)                 |
| 68      | MD2      | I/O |                                                         |
| 69      | MD1      | I/O |                                                         |
| 70      | DVCC     | —   | Power supply for data bus buffer (+5V)                  |
| 71      | MD0      | I/O | Data input/output with S-RAM (Not used)                 |
| 72      | DGND     | —   | Ground for data bus buffer                              |
| 73      | GPIO3    | I/O | General DSP input/output (Not used)                     |
| 74      | GPIO2    | I/O |                                                         |
| 75      | GPIO1    | I/O |                                                         |
| 76      | GPIO0    | I/O |                                                         |
| 77      | MRD      | O   | Write strobe signal output to S-RAM (Not used)          |
| 78      | MWR      | O   | Read strobe signal output to S-RAM (Not used)           |
| 79      | MRAS     | O   | Low address strobe signal output to S-RAM (Not used)    |
| 80      | MCAS     | O   | Column address strobe signal output to S-RAM (Not used) |

• IC3412 Digital Signal Processor (SSP424023FJ88)

| Pin No. | Pin Name | I/O | Description                                          |
|---------|----------|-----|------------------------------------------------------|
| 1       | AGND     | —   | Address buffer ground                                |
| 2       | MCS0     | O   | Chip select 0 output to S-RAM (Not used)             |
| 3       | MCS3     | O   | Chip select 3 output to S-RAM                        |
| 4       | MA14     | O   | Address data output to S-RAM                         |
| 5       | MA13     | O   |                                                      |
| 6       | AVCC     | —   | Address bus buffer power supply (+5V)                |
| 7       | MA12     | O   | Address data output to S-RAM                         |
| 8       | AGND     | —   | Ground for address bus buffer                        |
| 9       | QVCC     | —   | Power supply for internal logic (+5V)                |
| 10      | QGND     | —   | Ground for internal logic                            |
| 11      | MA11     | O   | Address data output to S-RAM                         |
| 12      | MA10     | O   |                                                      |
| 13      | MA9      | O   |                                                      |
| 14      | MA8      | O   |                                                      |
| 15      | AGND     | —   | Ground for address bus buffer                        |
| 16      | MA7      | O   | Address data output to S-RAM                         |
| 17      | AVCC     | —   | Power supply for address bus buffer (+5V)            |
| 18      | MA6      | O   | Address data output to S-RAM                         |
| 19      | MA5      | O   |                                                      |
| 20      | MA4      | O   |                                                      |
| 21      | AGND     | —   | Ground for address bus buffer                        |
| 22      | MA3      | O   | Address data output to S-RAM                         |
| 23      | MA2      | O   |                                                      |
| 24      | MA1      | O   |                                                      |
| 25      | MA0      | O   |                                                      |
| 26      | SCK      | I   | SPI serial clock signal input from system controller |
| 27      | EXTAL    | I   | External frequency input (3 MHz)                     |
| 28      | QVCC     | —   | Power supply for internal logic (+5V)                |
| 29      | QGND     | —   | Ground for internal logic                            |
| 30      | PINIT    | I   | PLL initialize input (Fixed at “L”)                  |
| 31      | PGND     | —   | Ground for PLL                                       |
| 32      | PCAP     | I   | PLL filter input (Connected to 0.01 mF capacitor)    |
| 33      | PVCC     | —   | Power supply for PLL (+5V)                           |
| 34      | SGND     | —   | Ground for serial port                               |
| 35      | MISO     | I   | Master data signal input from system controller      |
| 36      | RESET    | I   | Reset signal input from system controller            |
| 37      | MODA     | I   | Mode select A (Fixed at “H”)                         |
| 38      | MODB     | I   | Mode select B (Fixed at “L”)                         |
| 39      | MODC     | I   | Mode select C (Fixed at “H”)                         |
| 40      | SVCC     | —   | Power supply for serial port (+5V)                   |

| Pin No. | Pin Name | I/O | Description                                          |
|---------|----------|-----|------------------------------------------------------|
| 41      | MOSI     | O   | Master data signal output to system controller       |
| 42      | SS       | I   | SPI slave select signal input from system controller |
| 43      | HREQ     | I   | Host request signal input from system controller     |
| 44      | SGND     | —   | Ground for serial port                               |
| 45      | SDO2     | O   | Audio serial data 2 signal output                    |
| 46      | SDO1     | O   | Audio serial data 1 signal output                    |
| 47      | SDO0     | O   | Audio serial data 0 signal output                    |
| 48      | SVCC     | —   | Power supply for serial port (+5V)                   |
| 49      | SCKT     | O   | Serial clock transmission                            |
| 50      | WST      | O   | Word select transmission                             |
| 51      | SCKR     | I   | Serial clock reception                               |
| 52      | QGND     | —   | Ground for internal logic                            |
| 53      | QVCC     | —   | Power supply for internal logic (+5V)                |
| 54      | SGND     | —   | Ground for serial port                               |
| 55      | WSR      | I   | Word select reception                                |
| 56      | SDI1     | I   | Audio serial data 1 signal input                     |
| 57      | SDI0     | I   | Audio serial data 0 signal input                     |
| 58      | DSO      | O   | Debug serial signal output (Not used)                |
| 59      | DSI      | I   | Debug serial signal input (Not used)                 |
| 60      | DSCK     | I   | Debug serial clock signal input (Not used)           |
| 61      | DR       | I   | Debug request input (Fixed at “H”)                   |
| 62      | MD7      | I/O | Data input/output with S-RAM                         |
| 63      | MD6      | I/O |                                                      |
| 64      | MD5      | I/O |                                                      |
| 65      | MD4      | I/O |                                                      |
| 66      | DGND     | —   | Ground for data bus buffer                           |
| 67      | MD3      | I/O | Data input/output with S-RAM                         |
| 68      | MD2      | I/O |                                                      |
| 69      | MD1      | I/O |                                                      |
| 70      | DVCC     | —   | Power supply for data bus buffer (+5V)               |
| 71      | MD0      | I/O | Data input/output with S-RAM                         |
| 72      | DGND     | —   | Ground for data bus buffer                           |
| 73      | GPIO3    | I/O | General DSP input/output (Not used)                  |
| 74      | GPIO2    | I/O |                                                      |
| 75      | GPIO1    | I/O |                                                      |
| 76      | GPIO0    | I/O | General DSP input/output with system controller      |
| 77      | MRD      | O   | Write strobe signal output to S-RAM                  |
| 78      | MWR      | O   | Read strobe signal output to S-RAM                   |
| 79      | MRAS     | O   | Low address strobe signal output to S-RAM            |
| 80      | MCAS     | O   | Column address strobe signal output to S-RAM         |

## EXPLODED VIEWS

**Note:**

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked “\*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Color Indication of Appearance Parts  
Example:  
KNOB, BALANCE (WHITE) . . . (RED)  

Parts of Color    Cabinet's Color

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

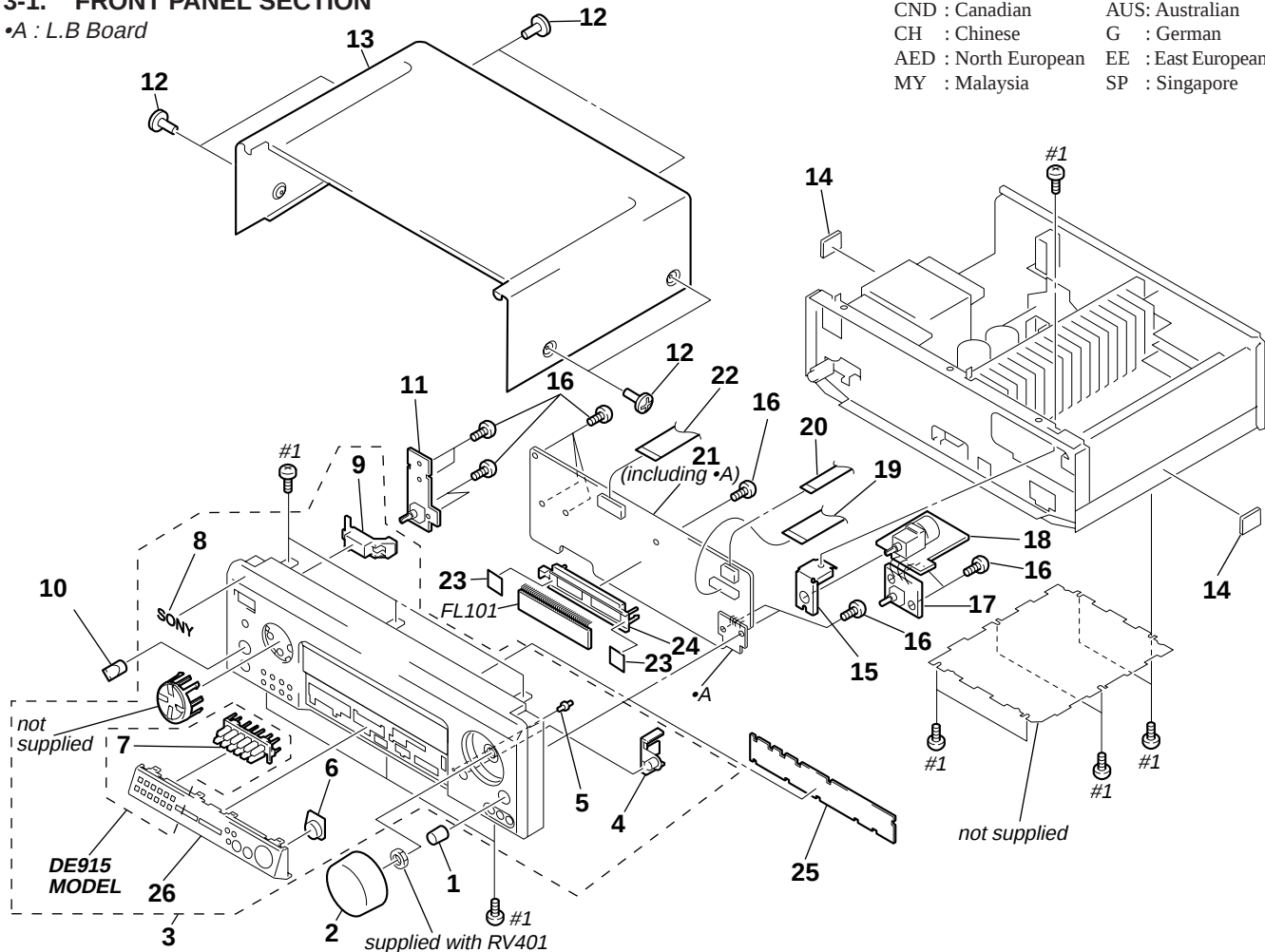
Les composants identifiés par une marque  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

### 3-1. FRONT PANEL SECTION

- *A : L.B Board*

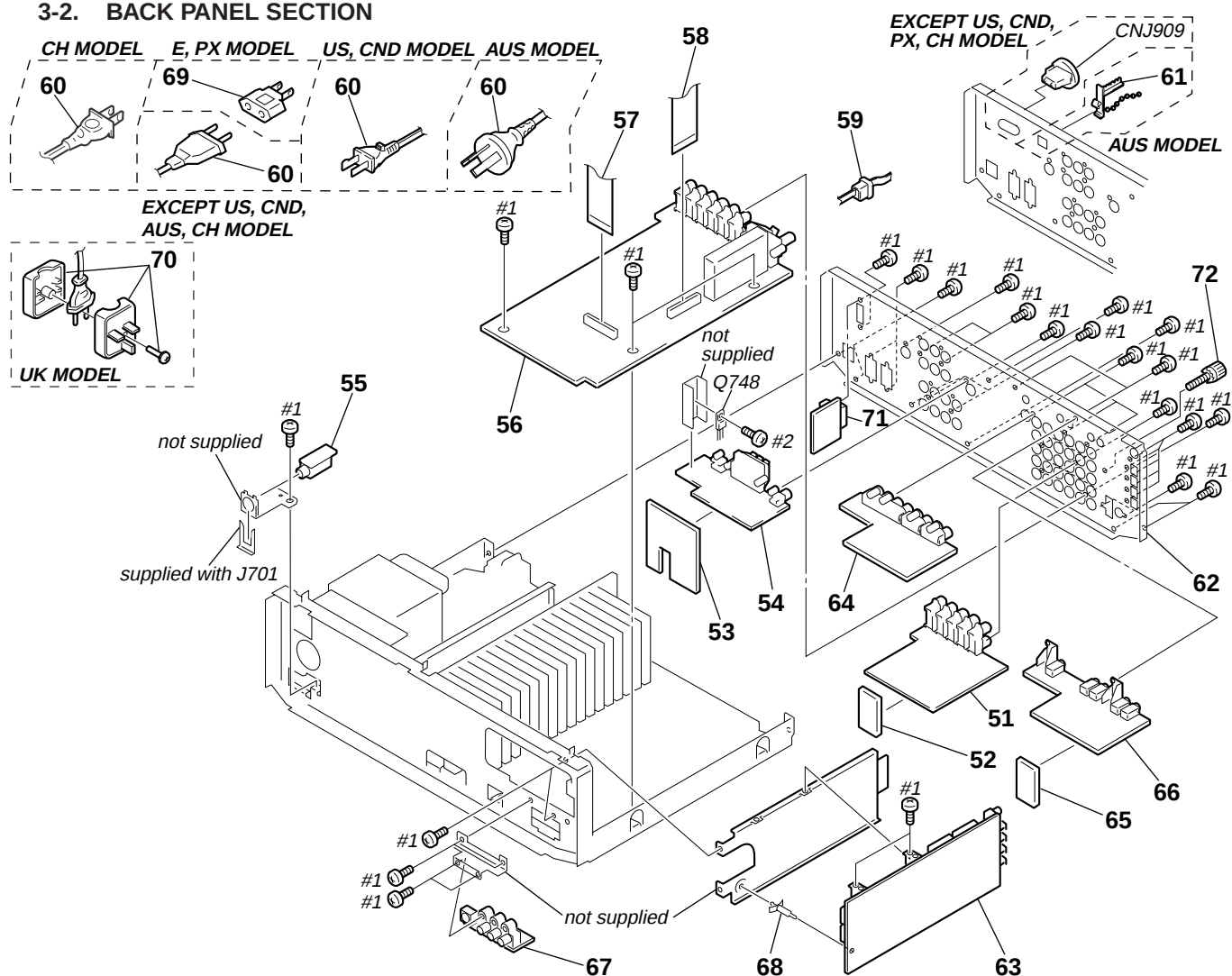
- Abbreviation
 

|                      |                    |
|----------------------|--------------------|
| CND : Canadian       | AUS: Australian    |
| CH : Chinese         | G : German         |
| AED : North European | EE : East European |
| MY : Malaysia        | SP : Singapore     |



| Ref. No. | Part No.     | Description                             | Remarks | Ref. No. | Part No.     | Description                             | Remarks |
|----------|--------------|-----------------------------------------|---------|----------|--------------|-----------------------------------------|---------|
| 1        | 4-980-639-01 | KNOB (R14) (BLACK)(DE915/VE910)         |         | 12       | 3-704-366-01 | SCREW (CASE) (M3X8)(BLACK)(DE915/VE910) |         |
| 1        | 4-980-639-31 | KNOB (R14) (GOLD)(V909)                 |         | 12       | 3-704-366-11 | SCREW (CASE) (M3X8) (GOLD)(V909)        |         |
| 2        | X-4947-074-1 | KNOB (R48) ASSY (BLACK)(DE915)          |         | * 13     | 4-982-682-01 | CASE (414532) (BLACK)(DE915)            |         |
| 2        | X-4948-458-1 | KNOB (ZN) ASSY (BLACK)(VE910)           |         | 13       | X-4947-722-1 | CASE ASSY (BLACK)(VE910)                |         |
| 2        | X-4948-464-1 | KNOB (ZN) ASSY (GOLD)(V909)             |         | 13       | X-4947-723-1 | CASE ASSY (GOLD)(V909)                  |         |
| 3        | X-4948-455-1 | PANEL ASSY, FRONT (BLACK)(DE915:US,CND) |         | 14       | 4-985-642-01 | CUSHION                                 |         |
| 3        | X-4948-456-1 | PANEL ASSY, FRONT (GOLD)(V909)          |         | * 15     | 4-989-878-01 | BRACKET (VOL)                           |         |
| 3        | X-4948-463-1 | PANEL ASSY (C9), FRONT (BLACK)(VE910)   |         | 16       | 4-951-620-01 | SCREW (2.6X8), +BVTP                    |         |
| 3        | X-4948-602-1 | PANEL ASSY, FRONT (BLACK)(DE915:PX)     |         | * 17     | 1-665-815-11 | BALANCE BOARD                           |         |
| 3        | X-4948-603-1 | PANEL ASSY, FRONT (BLACK)(DE915:AUS)    |         | * 18     | 1-665-774-11 | VOLUME BOARD                            |         |
| 4        | 4-989-850-01 | BUTTON (BB) (BLACK)(DE915/VE910)        |         | 19       | 1-773-174-11 | WIRE (FLAT TYPE) (21 CORE)(46cm)        |         |
| 4        | 4-989-850-11 | BUTTON (BB) (GOLD)(V909)                |         | 20       | 1-773-057-11 | WIRE (FLAT TYPE) (17 CORE)              |         |
| 5        | 4-989-842-01 | INDICATOR (BB)                          |         | * 21     | A-4398-225-A | DISPLAY BOARD, COMPLETE (DE915:US,CND)  |         |
| 6        | 4-989-852-01 | RING (SUR) (BLACK)(DE915/VE910)         |         | * 21     | A-4398-246-A | DISPLAY BOARD, COMPLETE (DE915:AUS)     |         |
| 6        | 4-989-852-11 | RING (SUR) (GOLD)(V909)                 |         | * 21     | A-4398-281-A | DISPLAY BOARD, COMPLETE (DE915:PX)      |         |
| 7        | 4-989-846-01 | BUTTON (12)(BLACK)(DE915)               |         | * 21     | A-4398-284-A | DISPLAY BOARD, COMPLETE (V909/VE910)    |         |
| 8        | 3-008-600-11 | EMBLEM (5-A), SONY (BLACK)(DE915)       |         | 22       | 1-773-107-11 | WIRE (FLAT TYPE) (19 CORE)(17cm)        |         |
| 8        | 4-979-587-01 | EMBLEM (NO.5), SONY (BLACK)(VE910)      |         | * 23     | 4-921-941-01 | CUSHION (FL)                            |         |
| 8        | 4-979-587-11 | EMBLEM (NO.5), SONY (GOLD)(V909)        |         | * 24     | 4-990-797-01 | HOLDER (FL)                             |         |
| 9        | 4-980-109-01 | BUTTON (P-M) (BLACK)(VE910)             |         | * 25     | 1-665-780-11 | SW BOARD                                |         |
| 9        | 4-980-109-41 | BUTTON (P-M) (GOLD)(V909)               |         | 26       | 4-989-864-41 | ESCUTCHEON (COVER)(BLACK)(DE915)        |         |
| 9        | 4-989-843-01 | BUTTON (P-T) (BLACK)(DE915)             |         | 26       | 4-991-019-01 | ESCUTCHEON (COVER)(BLACK)(VE910)        |         |
| 10       | 4-957-383-01 | KNOB (F14) (BLACK)(DE915/VE910)         |         | 26       | 4-991-019-11 | ESCUTCHEON (COVER)(GOLD)(V909)          |         |
| 10       | 4-957-383-21 | KNOB (F14) (GOLD)(V909)                 |         | FL101    | 1-517-671-11 | INDICATOR TUBE, FLUORESCENT             |         |
| * 11     | 1-665-775-11 | SP SW BOARD                             |         |          |              |                                         |         |

### 3-2. BACK PANEL SECTION



| Ref. No. | Part No.     | Description                        | Remarks                 |
|----------|--------------|------------------------------------|-------------------------|
| * 51     | 1-665-786-11 | AUDIO (2F) BOARD                   |                         |
| * 52     | 1-665-776-11 | SUR-AUDIO (2F) BOARD               |                         |
| * 53     | 1-665-787-11 | S-A-P BOARD                        |                         |
| * 54     | A-4398-235-A | SP (2F) BOARD, COMPLETE            | (VE910:AEP,UK,G,AED,EE) |
| * 54     | A-4398-250-A | SP (2F) BOARD, COMPLETE            | (DE915:AUS)             |
| * 54     | A-4398-262-A | SP (2F) BOARD, COMPLETE            | (DE915:US,CND,PX)       |
| * 54     | A-4398-295-A | SP (2F) BOARD, COMPLETE            | (V909/VE910:E,SP,MY)    |
| * 55     | 1-665-779-11 | HEADPHONE BOARD                    |                         |
| * 56     | A-4398-236-A | SUR BOARD, COMPLETE                | (VE910:AEP,UK,G,AED,EE) |
| * 56     | A-4398-266-A | SUR BOARD, COMPLETE                | (DE915:US,CND,PX)       |
| * 56     | A-4398-279-A | SUR BOARD, COMPLETE                | (V909/VE910:E,SP,MY)    |
| * 56     | A-4398-287-A | SUR BOARD, COMPLETE                | (DE915:AUS)             |
| 57       | 1-773-116-11 | WIRE (FLAT TYPE) (19 CORE)(23cm)   |                         |
| 58       | 1-773-174-11 | WIRE (FLAT TYPE) (21 CORE)(9cm)    |                         |
| * 59     | 3-703-244-00 | BUSHING (2104), CORD               |                         |
| △ 60     | 1-696-847-11 | CORD, POWER (AUS)                  |                         |
| △ 60     | 1-769-743-11 | CORD, POWER (US,CND)               |                         |
| △ 60     | 1-769-744-11 | CORD, POWER (EXCEPT US,CND,AUS,CH) |                         |
| △ 60     | 1-782-464-21 | CORD, POWER (CH)                   |                         |
| 61       | 4-956-370-12 | BAND, PLUG FIXED (AUS)             |                         |

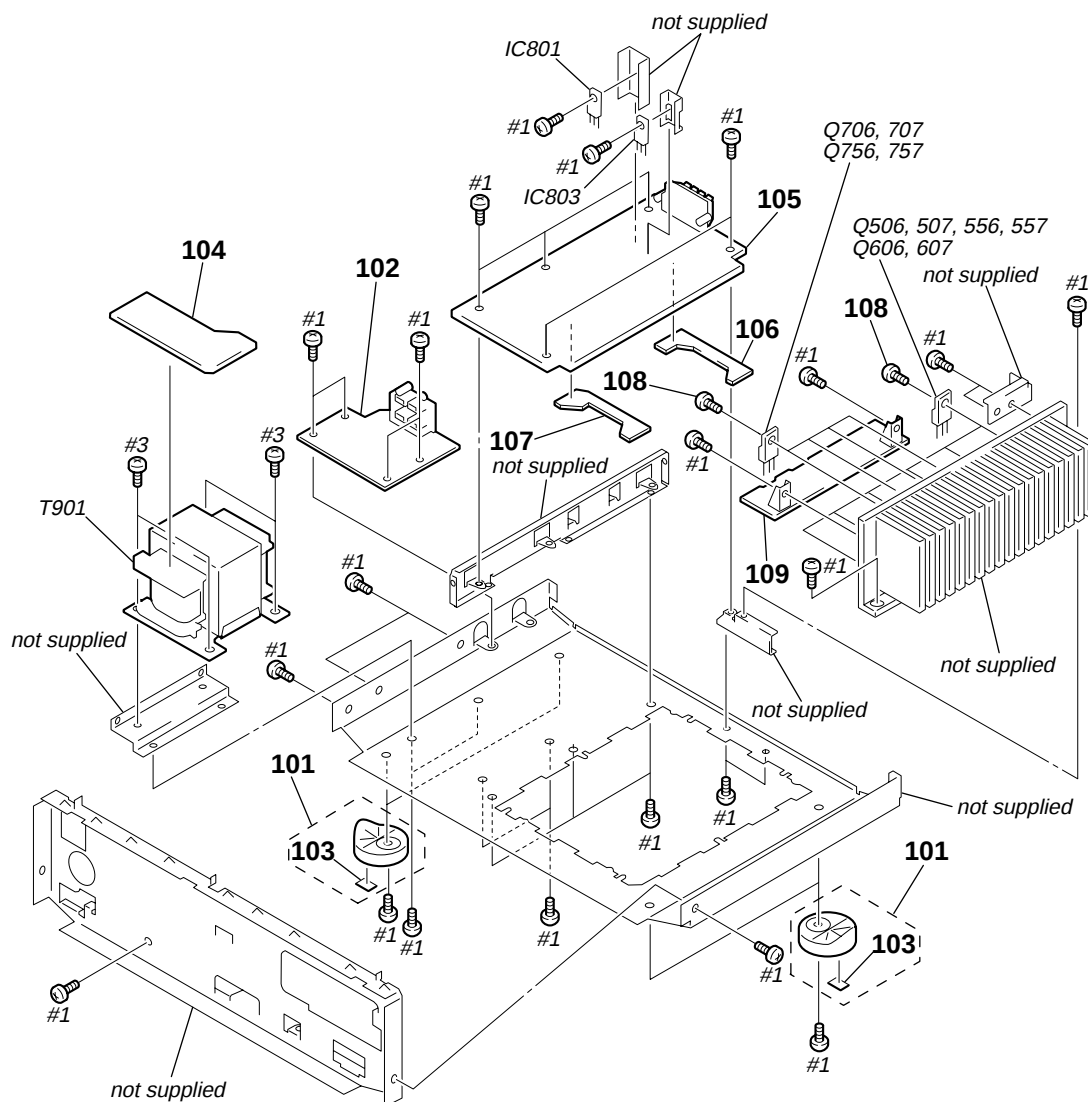
| Ref. No. | Part No.     | Description                             | Remarks |
|----------|--------------|-----------------------------------------|---------|
| * 62     | 4-989-882-01 | PANEL, BACK (VE910:EXCEPT E)            |         |
| * 62     | 4-989-882-11 | PANEL, BACK (VE910:E)                   |         |
| * 62     | 4-989-882-21 | PANEL, BACK (V909)                      |         |
| * 62     | 4-989-885-01 | PANEL, BACK (DE915:US)                  |         |
| * 62     | 4-989-885-11 | PANEL, BACK (DE915:CND)                 |         |
| * 62     | 4-989-885-21 | PANEL, BACK (DE915:AUS)                 |         |
| * 62     | 4-989-885-31 | PANEL, BACK (DE915:PX)                  |         |
| * 63     | A-4398-274-A | DIGITAL BOARD, COMPLETE (DE915)         |         |
| * 63     | A-4403-423-A | DIGITAL BOARD, COMPLETE (V909/VE910)    |         |
| * 64     | 1-665-784-11 | VIDEO BOARD                             |         |
| * 65     | 1-667-185-11 | JOINT (VIDEO) BOARD                     |         |
| * 66     | A-4398-229-A | S VIDEO BOARD, COMPLETE (DE915:US,CND)  |         |
| * 66     | A-4398-251-A | S VIDEO BOARD, COMPLETE (DE915:AUS, PX) |         |
| * 66     | A-4398-285-A | S VIDEO BOARD, COMPLETE (V909/VE910)    |         |
| * 67     | 1-665-777-11 | VIDEO (3) BOARD                         |         |
| * 68     | 4-954-051-41 | HOLDER, PC BOARD                        |         |
| △ 69     | 1-569-008-11 | ADAPTOR, CONVERSION 2P (E,PX)           |         |
| △ 70     | 1-770-019-11 | ADAPTOR, CONVERSION 3P (UK)             |         |
| * 71     | 1-665-788-11 | VOLSEL BOARD (DE915:PX/VE910:E)         |         |
| 72       | 4-947-010-01 | SCREW, FEEDER FIXED                     |         |

|          |              |                                      |
|----------|--------------|--------------------------------------|
| △ CNJ909 | 1-251-416-11 | OUTLET, AC (AUS)                     |
| △ CNJ909 | 1-526-794-11 | OUTLET, AC (EXCEPT US,CND,AUS,PX,CH) |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

### 3-3. CHASSIS SECTION



| Ref. No. | Part No.     | Description                              | Remarks | Ref. No. | Part No.     | Description                           | Remarks |
|----------|--------------|------------------------------------------|---------|----------|--------------|---------------------------------------|---------|
| 101      | X-4947-025-1 | FOOT ASSY (BLACK)(VE910)                 |         | * 105    | A-4398-288-A | AMP BOARD, COMPLETE (DE915:AUS)       |         |
| 101      | X-4947-207-1 | FOOT ASSY (F50150S)(BLACK)(DE915:AUS,PX) |         | * 106    | 1-665-792-11 | AMP JOINT (B) BOARD                   |         |
| 101      | X-4947-208-1 | FOOT ASSY (F50150S)(BLACK)               |         | * 107    | 1-665-791-11 | AMP JOINT (F) BOARD                   |         |
|          |              | (DE915:US,CND)                           |         | 108      | 3-905-609-01 | SCREW (TRANSISTOR)                    |         |
| 101      | X-4948-848-1 | FOOT ASSY (GOLD)(V909)                   |         | * 109    | A-4398-234-A | REAR AMP BOARD, COMPLETE (V909/VE910) |         |
| * 102    | A-4398-249-A | PS BOARD, COMPLETE                       |         | * 109    | A-4398-248-A | REAR AMP BOARD, COMPLETE (DE915:AUS)  |         |
|          |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE)        |         | * 109    | A-4398-258-A | REAR AMP BOARD, COMPLETE              |         |
| * 102    | A-4398-261-A | PS BOARD, COMPLETE (DE915:US,CND)        |         |          |              | (DE915:US,CND,PX)                     |         |
| * 102    | A-4398-278-A | PS BOARD, COMPLETE (V909/VE910:E,SP,MY)  |         | △ T901   | 1-431-281-11 | TRANSFORMER, POWER (US)               |         |
| * 102    | A-4398-282-A | PS BOARD, COMPLETE (DE915:PX)            |         | △ T901   | 1-431-282-11 | TRANSFORMER, POWER (CND)              |         |
| 103      | 4-977-358-11 | CUSHION (8X12.5) (DE915:US,CND)          |         | △ T901   | 1-431-283-11 | TRANSFORMER, POWER (AUS)              |         |
| * 104    | 1-665-783-11 | SECONDARY BOARD                          |         | △ T901   | 1-431-284-11 | TRANSFORMER, POWER (PX)               |         |
| * 105    | A-4398-230-A | AMP BOARD, COMPLETE (DE915:US,CND,PX)    |         | △ T901   | 1-431-285-11 | TRANSFORMER, POWER (E,SP,MY,CH)       |         |
| * 105    | A-4398-280-A | AMP BOARD, COMPLETE                      |         | △ T901   | 1-431-286-11 | TRANSFORMER, POWER (AEP,UK,G,EE,AED)  |         |
|          |              | (V909/VE910:E,SP,MY)                     |         |          |              |                                       |         |
| * 105    | A-4398-286-A | AMP BOARD, COMPLETE                      |         |          |              |                                       |         |
|          |              | (VE910:AEP,UK,G,AED,EE)                  |         |          |              |                                       |         |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

## SECTION 4 ELECTRICAL PARTS LIST

AMP

**Note:**

When indicating parts by reference number, please include the board name.

The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.

- XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked “\*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS:  
uF:  $\mu$ F
- RESISTORS  
All resistors are in ohms.  
METAL: metal-film resistor  
METAL OXIDE: Metal Oxide-film resistor  
F: nonflammable

- COILS  
uH:  $\mu$ H
- SEMICONDUCTORS  
In each case, u:  $\mu$ , for example:  
uA...:  $\mu$ A..., uPA...,  $\mu$ PA...,  
uPB...,  $\mu$ PB..., uPC...,  $\mu$ PC...,  
uPD...,  $\mu$ PD...
- Abbreviation  
CND : Canadian      AUS: Australian  
CH : Chinese      G : German  
AED : North European      EE : East European  
MY : Malaysia      SP : Singapore

| Ref. No. | Part No.     | Description                                               | Remarks | Ref. No. | Part No.     | Description                    | Remarks |
|----------|--------------|-----------------------------------------------------------|---------|----------|--------------|--------------------------------|---------|
| *        | A-4398-230-A | AMP BOARD, COMPLETE (DE915:US,CND,PX)<br>*****            |         |          |              | < CONNECTOR >                  |         |
| *        | A-4398-280-A | AMP BOARD, COMPLETE (V909/VE910:E,SP,<br>***** MY)        |         | CNP701   | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P     |         |
| *        | A-4398-286-A | AMP BOARD, COMPLETE (VE910:AEP,UK,G,<br>***** AED,EE)     |         | CNP702   | 1-695-091-11 | PIN, CONNECTOR (PC BOARD) 15P  |         |
| *        | A-4398-288-A | AMP BOARD, COMPLETE (DE915:AUS)<br>*****                  |         | CNS502   | 1-770-404-11 | HOUSING,CONNECTOR(PC BOARD)11P |         |
|          |              |                                                           |         | CNS602   | 1-770-404-11 | HOUSING,CONNECTOR(PC BOARD)11P |         |
|          |              |                                                           |         | CNS701   | 1-569-323-11 | SOCKET, CONNECTOR 19P          |         |
|          |              |                                                           |         |          |              | < DIODE >                      |         |
| *        | 1-537-738-21 | TERMINAL, EARTH                                           |         | D501     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | 7-685-872-09 | SCREW +BVTT 3X8 (S)                                       |         | D502     | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
|          |              | < CAPACITOR >                                             |         | D503     | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
|          | C520         | 1-126-967-11 ELECT 47uF 20% 16V                           |         | D504     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C521         | 1-107-597-11 CERAMIC 22PF 10% 500V                        |         | D505     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C522         | 1-107-597-11 CERAMIC 22PF 10% 500V                        |         | D506     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C523         | 1-162-286-31 CERAMIC 220PF 10% 50V                        |         | D507     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C524         | 1-126-964-11 ELECT 10uF 20% 50V                           |         | D508     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C525         | 1-136-157-00 FILM 0.022uF 5% 50V                          |         | D512     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C526         | 1-136-153-00 FILM 0.01uF 5% 50V                           |         | D545     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C570         | 1-126-967-11 ELECT 47uF 20% 16V                           |         | D546     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C571         | 1-107-597-11 CERAMIC 22PF 10% 500V                        |         | D547     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C572         | 1-107-597-11 CERAMIC 22PF 10% 500V                        |         | D548     | 8-719-815-85 | DIODE 1S1585                   |         |
|          | C573         | 1-162-286-31 CERAMIC 220PF 10% 50V                        |         | D549     | 8-719-815-85 | DIODE 1S1585                   |         |
|          | C574         | 1-126-964-11 ELECT 10uF 20% 50V                           |         | D551     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C575         | 1-136-157-00 FILM 0.022uF 5% 50V                          |         | D552     | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
|          | C576         | 1-136-153-00 FILM 0.01uF 5% 50V                           |         | D553     | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
|          | C590         | 1-126-935-11 ELECT 470uF 20% 6.3V                         |         | D554     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C598         | 1-126-965-11 ELECT 22uF 20% 50V                           |         | D555     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C620         | 1-126-967-11 ELECT 47uF 20% 16V                           |         | D556     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C621         | 1-107-597-11 CERAMIC 22PF 10% 500V                        |         | D601     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C622         | 1-107-597-11 CERAMIC 22PF 10% 500V                        |         | D602     | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
|          | C623         | 1-162-286-31 CERAMIC 220PF 10% 50V                        |         | D603     | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
|          | C803         | 1-117-950-11 ELECT(SOLID) 10000uF 20% 63V<br>(V909/VE910) |         | D604     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C803         | 1-109-932-11 ELECT 10000uF 20% 71V<br>(DE915)             |         | D608     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C804         | 1-117-950-11 ELECT(SOLID) 10000uF 20% 63V<br>(V909/VE910) |         | D611     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C804         | 1-109-932-11 ELECT 10000uF 20% 71V<br>(DE915)             |         | D647     | 8-719-987-63 | DIODE 1N4148M (DE915)          |         |
|          | C807         | 1-126-967-11 ELECT 47uF 20% 16V                           |         | D648     | 8-719-987-63 | DIODE 1N4148M (DE915)          |         |
|          | C808         | 1-126-967-11 ELECT 47uF 20% 16V                           |         | D651     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C810         | 1-126-967-11 ELECT 47uF 20% 16V                           |         | D711     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C811         | 1-126-952-11 ELECT 1000uF 20% 35V                         |         | D716     | 8-719-987-63 | DIODE 1N4148M                  |         |
|          | C812         | 1-126-951-11 ELECT 470uF 20% 35V                          |         | D807     | 8-719-002-73 | DIODE UZL-36M                  |         |
|          | C817         | 1-126-967-11 ELECT 47uF 20% 50V                           |         |          |              | < IC >                         |         |
|          | C818         | 1-126-967-11 ELECT 47uF 20% 50V                           |         | IC801    | 8-759-391-87 | IC BA78M12P                    |         |
|          |              |                                                           |         | IC803    | 8-759-604-45 | IC M5F79M12                    |         |

| Ref. No.       | Part No.     | Description                   | Remarks           | Ref. No. | Part No.     | Description                      | Remarks           |
|----------------|--------------|-------------------------------|-------------------|----------|--------------|----------------------------------|-------------------|
| < COIL >       |              |                               |                   | △ R533   | 1-249-393-11 | CARBON 10 5%                     | 1/4W F            |
| L501           | 1-411-906-11 | COIL, AIR-CORE (V909/VE910)   |                   | △ R534   | 1-249-389-11 | CARBON 4.7 5%                    | 1/4W F            |
| L501           | 1-420-872-00 | COIL, AIR-CORE (DE915)        |                   | R535     | 1-249-431-11 | CARBON 15K 5%                    | 1/4W              |
| L551           | 1-411-906-11 | COIL, AIR-CORE (V909/VE910)   |                   | R536     | 1-249-439-11 | CARBON 68K 5%                    | 1/4W (V909/VE910) |
| L551           | 1-420-872-00 | COIL, AIR-CORE (DE915)        |                   | R536     | 1-249-441-11 | CARBON 100K 5%                   | 1/4W (DE915)      |
| < TRANSISTOR > |              |                               |                   | R539     | 1-249-427-11 | CARBON 6.8K 5%                   | 1/4W F            |
| Q504           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE        |                   | R540     | 1-249-417-11 | CARBON 1K 5%                     | 1/4W F            |
| Q505           | 8-729-209-15 | TRANSISTOR 2SD2012            |                   | R541     | 1-249-429-11 | CARBON 10K 5%                    | 1/4W              |
| Q506           | 8-749-010-25 | IC MN2488-OPY-M               |                   | R547     | 1-249-425-11 | CARBON 4.7K 5%                   | 1/4W F            |
| Q507           | 8-749-010-26 | IC MP1620-OPY-M               |                   | R548     | 1-249-429-11 | CARBON 10K 5%                    | 1/4W              |
| Q508           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA      |                   | △ R549   | 1-249-393-11 | CARBON 10 5%                     | 1/4W F            |
| Q509           | 8-729-281-53 | TRANSISTOR 2SC1815-GR         |                   | R550     | 1-249-429-11 | CARBON 10K 5%                    | 1/4W              |
| Q510           | 8-729-900-63 | TRANSISTOR DTA124ES           |                   | R571     | 1-249-437-11 | CARBON 47K 5%                    | 1/4W (DE915)      |
| Q511           | 8-729-900-63 | TRANSISTOR DTA124ES           |                   | R572     | 1-247-840-00 | CARBON 2.4K 5%                   | 1/4W (V909/VE910) |
| Q546           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK        |                   | R572     | 1-249-421-11 | CARBON 2.2K 5%                   | 1/4W (DE915)      |
| Q547           | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA     |                   | R573     | 1-249-414-11 | CARBON 560 5%                    | 1/4W F            |
| Q548           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK        |                   | △ R574   | 1-249-408-11 | CARBON 180 5%                    | 1/4W F            |
| Q549           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA      |                   | △ R575   | 1-249-408-11 | CARBON 180 5%                    | 1/4W F            |
| Q554           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE        |                   | △ R576   | 1-233-352-41 | ENCAPSULATED COMPONENT 0.22X2 2W |                   |
| Q555           | 8-729-209-15 | TRANSISTOR 2SD2012            |                   | R577     | 1-247-850-11 | CARBON 6.2K 5%                   | 1/4W              |
| Q556           | 8-749-010-25 | IC MN2488-OPY-M               |                   | R578     | 1-249-419-11 | CARBON 1.5K 5%                   | 1/4W F            |
| Q557           | 8-749-010-26 | IC MP1620-OPY-M               |                   | R579     | 1-247-866-11 | CARBON 30K 5%                    | 1/4W              |
| Q558           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA      |                   | R580     | 1-249-421-11 | CARBON 2.2K 5%                   | 1/4W F            |
| Q559           | 8-729-281-53 | TRANSISTOR 2SC1815-GR         |                   | R581     | 1-249-433-11 | CARBON 22K 5%                    | 1/4W              |
| Q560           | 8-729-900-63 | TRANSISTOR DTA124ES           |                   | R582     | 1-249-437-11 | CARBON 47K 5%                    | 1/4W              |
| Q561           | 8-729-900-63 | TRANSISTOR DTA124ES           |                   | △ R583   | 1-249-393-11 | CARBON 10 5%                     | 1/4W F            |
| Q596           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK        |                   | △ R584   | 1-249-389-11 | CARBON 4.7 5%                    | 1/4W F            |
| Q604           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE        |                   | R585     | 1-249-431-11 | CARBON 15K 5%                    | 1/4W              |
| Q605           | 8-729-209-15 | TRANSISTOR 2SD2012            |                   | R586     | 1-249-429-11 | CARBON 10K 5%                    | 1/4W              |
| Q606           | 8-749-010-25 | IC MN2488-OPY-M               |                   | R587     | 1-249-425-11 | CARBON 4.7K 5%                   | 1/4W F            |
| Q607           | 8-749-010-26 | IC MP1620-OPY-M               |                   | △ R588   | 1-249-393-11 | CARBON 10 5%                     | 1/4W F            |
| Q608           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA      |                   | R621     | 1-249-437-11 | CARBON 47K 5%                    | 1/4W (DE915)      |
| Q610           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK        |                   | R622     | 1-247-840-00 | CARBON 2.4K 5%                   | 1/4W (V909/VE910) |
| Q612           | 8-729-281-53 | TRANSISTOR 2SC1815-GR (DE915) |                   | R622     | 1-249-421-11 | CARBON 2.2K 5%                   | 1/4W F (DE915)    |
| Q613           | 8-729-281-53 | TRANSISTOR 2SC1815-GR         |                   | R623     | 1-249-414-11 | CARBON 560 5%                    | 1/4W F            |
| Q614           | 8-729-201-53 | TRANSISTOR 2SA1015-GR (DE915) |                   | △ R624   | 1-249-408-11 | CARBON 180 5%                    | 1/4W F            |
| Q615           | 8-729-900-36 | TRANSISTOR DTC124ES (DE915)   |                   | △ R625   | 1-249-408-11 | CARBON 180 5%                    | 1/4W F            |
| Q616           | 8-729-900-36 | TRANSISTOR DTC124ES           |                   | △ R626   | 1-233-352-41 | ENCAPSULATED COMPONENT 0.22X2 2W |                   |
| Q617           | 8-729-900-36 | TRANSISTOR DTC124ES (DE915)   |                   | R627     | 1-247-850-11 | CARBON 6.2K 5%                   | 1/4W              |
| Q618           | 8-729-900-63 | TRANSISTOR DTA124ES (DE915)   |                   | R628     | 1-249-419-11 | CARBON 1.5K 5%                   | 1/4W F            |
| Q801           | 8-729-209-15 | TRANSISTOR 2SD2012            |                   | R632     | 1-249-437-11 | CARBON 47K 5%                    | 1/4W              |
| < RESISTOR >   |              |                               |                   | R640     | 1-216-450-00 | METAL OXIDE 82 5%                | 2W F (DE915)      |
| R521           | 1-249-437-11 | CARBON 47K 5%                 | 1/4W (DE915)      | R641     | 1-249-441-11 | CARBON 100K 5%                   | 1/4W (DE915)      |
| R522           | 1-247-840-00 | CARBON 2.4K 5%                | 1/4W (V909/VE910) | R642     | 1-216-454-11 | METAL OXIDE 390 5%               | 2W F (V909/VE910) |
| R522           | 1-249-421-11 | CARBON 2.2K 5%                | 1/4W F (DE915)    | R642     | 1-215-889-00 | METAL OXIDE 330 5%               | 2W F (DE915)      |
| R523           | 1-249-414-11 | CARBON 560 5%                 | 1/4W F            | R643     | 1-249-441-11 | CARBON 100K 5%                   | 1/4W              |
| △ R524         | 1-249-408-11 | CARBON 180 5%                 | 1/4W F            | R644     | 1-215-890-11 | METAL OXIDE 470 5%               | 2W F (DE915)      |
| △ R525         | 1-249-408-11 | CARBON 180 5%                 | 1/4W F            |          |              |                                  |                   |
| △ R526         | 1-233-352-41 | ENCAPSULATED COMPONENT        |                   |          |              |                                  |                   |
| R527           | 1-247-850-11 | CARBON 6.2K 5%                | 1/4W              |          |              |                                  |                   |
| R528           | 1-249-419-11 | CARBON 1.5K 5%                | 1/4W F            |          |              |                                  |                   |
| R529           | 1-247-866-11 | CARBON 30K 5%                 | 1/4W              |          |              |                                  |                   |
| R530           | 1-249-421-11 | CARBON 2.2K 5%                | 1/4W F            |          |              |                                  |                   |
| R531           | 1-249-433-11 | CARBON 22K 5%                 | 1/4W              |          |              |                                  |                   |
| R532           | 1-249-437-11 | CARBON 47K 5%                 | 1/4W              |          |              |                                  |                   |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

## AMP

## AMP JOINT (F)

## AMP JOINT (B)

## AUDIO (2F)

## BALANCE

## DIGITAL

| Ref. No.                          | Part No.     | Description                          | Remarks |     |              |
|-----------------------------------|--------------|--------------------------------------|---------|-----|--------------|
| R645                              | 1-249-441-11 | CARBON                               | 100K    | 5%  | 1/4W (DE915) |
| R650                              | 1-249-425-11 | CARBON                               | 4.7K    | 5%  | 1/4W F       |
| R651                              | 1-249-429-11 | CARBON                               | 10K     | 5%  | 1/4W         |
| △ R652                            | 1-249-393-11 | CARBON                               | 10      | 5%  | 1/4W F       |
| R739                              | 1-215-868-00 | METAL OXIDE                          | 680     | 5%  | 1W F         |
| R789                              | 1-215-868-00 | METAL OXIDE                          | 680     | 5%  | 1W F         |
| △ R802                            | 1-249-381-11 | CARBON                               | 1       | 5%  | 1/4W F       |
| R803                              | 1-247-843-11 | CARBON                               | 3.3K    | 5%  | 1/4W         |
| < RELAY >                         |              |                                      |         |     |              |
| RY501                             | 1-515-920-11 | RELAY (24V)                          |         |     |              |
| RY502                             | 1-515-920-11 | RELAY (24V)                          |         |     |              |
| RY602                             | 1-515-793-11 | RELAY                                |         |     |              |
| < TERMINAL >                      |              |                                      |         |     |              |
| * TM501                           | 1-537-699-11 | TERMINAL BOARD (SP) (FRONT SPEAKERS) |         |     |              |
| *****                             |              |                                      |         |     |              |
| *                                 | 1-665-791-11 | AMP JOINT (F) BOARD                  |         |     |              |
| *****                             |              |                                      |         |     |              |
| < CONNECTOR >                     |              |                                      |         |     |              |
| CNP501                            | 1-770-553-11 | CONNECTOR, BOARD TO BOARD 11P        |         |     |              |
| CNP502                            | 1-770-553-11 | CONNECTOR, BOARD TO BOARD 11P        |         |     |              |
| *****                             |              |                                      |         |     |              |
| *                                 | 1-665-792-11 | AMP JOINT (B) BOARD                  |         |     |              |
| *****                             |              |                                      |         |     |              |
| < CONNECTOR >                     |              |                                      |         |     |              |
| CNP601                            | 1-770-553-11 | CONNECTOR, BOARD TO BOARD 11P        |         |     |              |
| CNP602                            | 1-770-553-11 | CONNECTOR, BOARD TO BOARD 11P        |         |     |              |
| *****                             |              |                                      |         |     |              |
| *                                 | 1-665-786-11 | AUDIO (2F) BOARD                     |         |     |              |
| *****                             |              |                                      |         |     |              |
| < CAPACITOR >                     |              |                                      |         |     |              |
| C398                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| C399                              | 1-162-294-31 | CERAMIC                              | 0.001uF | 10% | 50V          |
| CC08                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC09                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC10                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC11                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC12                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC13                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC58                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC59                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC60                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC61                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC62                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |
| CC63                              | 1-162-282-31 | CERAMIC                              | 100PF   | 10% | 50V          |
| (DE915:AUS/VE910:AEP,UK,G,AED,EE) |              |                                      |         |     |              |

| Ref. No.              | Part No.     | Description                              | Remarks |     |        |  |
|-----------------------|--------------|------------------------------------------|---------|-----|--------|--|
| < CONNECTOR >         |              |                                          |         |     |        |  |
| CNS302                | 1-695-093-11 | SOCKET, CONNECTOR 9P                     |         |     |        |  |
| < IC >                |              |                                          |         |     |        |  |
| IC303                 | 8-759-805-14 | IC LC7822                                |         |     |        |  |
| < JACK >              |              |                                          |         |     |        |  |
| J304                  | 1-766-394-11 | JACK, PIN 6P (VIDEO 1 IN OUT,VIDEO 2 IN) |         |     |        |  |
| J305                  | 1-766-394-11 | JACK, PIN 6P (VIDEO 2 OUT,LD/DVD,TV/DBS) |         |     |        |  |
| < RESISTOR >          |              |                                          |         |     |        |  |
| R318                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R319                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R320                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R321                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R322                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R323                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R368                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R369                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R370                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R371                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R372                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R373                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R398                  | 1-249-417-11 | CARBON                                   | 1K      | 5%  | 1/4W F |  |
| R399                  | 1-249-425-11 | CARBON                                   | 4.7K    | 5%  | 1/4W F |  |
| *****                 |              |                                          |         |     |        |  |
| *                     | 1-665-815-11 | BALANCE BOARD                            |         |     |        |  |
| *****                 |              |                                          |         |     |        |  |
| < VARIABLE RESISTOR > |              |                                          |         |     |        |  |
| RV402                 | 1-225-447-11 | RES, VAR, CARBON 100K/100K (BALANCE)     |         |     |        |  |
| *****                 |              |                                          |         |     |        |  |
| *                     | A-4398-274-A | DIGITAL BOARD, COMPLETE (DE915)          |         |     |        |  |
| *****                 |              |                                          |         |     |        |  |
| *                     | A-4403-423-A | DIGITAL BOARD, COMPLETE (V909/VE910)     |         |     |        |  |
| *****                 |              |                                          |         |     |        |  |
| < CAPACITOR >         |              |                                          |         |     |        |  |
| C3101                 | 1-126-964-11 | ELECT                                    | 10uF    | 20% | 50V    |  |
| C3102                 | 1-126-964-11 | ELECT                                    | 10uF    | 20% | 50V    |  |
| C3103                 | 1-130-467-00 | MYLAR                                    | 470PF   | 5%  | 50V    |  |
| C3104                 | 1-130-467-00 | MYLAR                                    | 470PF   | 5%  | 50V    |  |
| C3105                 | 1-126-964-11 | ELECT                                    | 10uF    | 20% | 50V    |  |
| C3106                 | 1-165-319-11 | CERAMIC CHIP                             | 0.1uF   |     | 50V    |  |
| C3107                 | 1-106-351-00 | MYLAR                                    | 2200PF  | 5%  | 200V   |  |
| C3108                 | 1-165-319-11 | CERAMIC CHIP                             | 0.1uF   |     | 50V    |  |
| C3110                 | 1-104-665-11 | ELECT                                    | 100uF   | 20% | 25V    |  |
| C3111                 | 1-164-222-11 | CERAMIC CHIP                             | 0.22uF  |     | 25V    |  |
| C3112                 | 1-126-964-11 | ELECT                                    | 10uF    | 20% | 50V    |  |
| C3113                 | 1-126-964-11 | ELECT                                    | 10uF    | 20% | 50V    |  |
| C3114                 | 1-164-222-11 | CERAMIC CHIP                             | 0.22uF  |     | 25V    |  |
| C3115                 | 1-126-967-11 | ELECT                                    | 47uF    | 20% | 16V    |  |
| C3116                 | 1-165-319-11 | CERAMIC CHIP                             | 0.1uF   |     | 50V    |  |

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# DIGITAL

| Ref. No. | Part No.     | Description  | Remarks |     |                     | Ref. No. | Part No.     | Description  | Remarks |       |     |
|----------|--------------|--------------|---------|-----|---------------------|----------|--------------|--------------|---------|-------|-----|
| C3117    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |     | 50V                 | C3346    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3118    | 1-163-235-11 | CERAMIC CHIP | 22PF    | 5%  | 50V                 | C3347    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3119    | 1-163-235-11 | CERAMIC CHIP | 22PF    | 5%  | 50V                 | C3348    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3120    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3351    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3121    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3352    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3122    | 1-104-665-11 | ELECT        | 100uF   | 20% | 25V                 | C3353    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3151    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 | C3354    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3152    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 | C3355    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3153    | 1-130-467-00 | MYLAR        | 470PF   | 5%  | 50V                 | C3401    | 1-104-665-11 | ELECT        | 100uF   | 20%   | 25V |
| C3154    | 1-130-467-00 | MYLAR        | 470PF   | 5%  | 50V                 | C3407    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3155    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 | C3408    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3156    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3409    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%    | 50V |
| C3157    | 1-106-351-00 | MYLAR        | 2200PF  | 5%  | 200V                | C3410    | 1-130-483-00 | MYLAR        | 0.01uF  | 5%    | 50V |
| C3158    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3411    | 1-163-249-11 | CERAMIC CHIP | 82PF    | 5%    | 50V |
| C3160    | 1-104-665-11 | ELECT        | 100uF   | 20% | 25V                 | C3412    | 1-163-227-11 | CERAMIC CHIP | 10PF    | 0.5PF | 50V |
| C3161    | 1-164-222-11 | CERAMIC CHIP | 0.22uF  |     | 25V                 | C3413    | 1-163-229-11 | CERAMIC CHIP | 12PF    | 5%    | 50V |
| C3162    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 | C3414    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3163    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 | C3415    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3164    | 1-164-222-11 | CERAMIC CHIP | 0.22uF  |     | 25V                 | C3416    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |
| C3166    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3417    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |
| C3301    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%  | 50V                 | C3418    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3302    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3419    | 1-104-665-11 | ELECT        | 100uF   | 20%   | 25V |
| C3303    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3420    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3304    | 1-163-023-00 | CERAMIC CHIP | 0.015uF | 5%  | 50V                 | C3421    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3305    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%  | 50V                 | C3422    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3306    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V<br>(V909/VE910) | C3423    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3307    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3424    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3308    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3425    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |
| C3309    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3426    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |
| C3310    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3427    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3311    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3429    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3313    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V<br>(V909/VE910) | C3430    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3314    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3431    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3315    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%  | 50V                 | C3432    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3316    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%  | 50V                 | C3433    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3320    | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 25V                 | C3434    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |
| C3321    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3435    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |
| C3322    | 1-163-248-11 | CERAMIC CHIP | 75PF    | 5%  | 50V                 | C3436    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3323    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%  | 50V                 | C3438    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3324    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3439    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3325    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3440    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3326    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |     | 50V                 | C3441    | 1-126-964-11 | ELECT        | 10uF    | 20%   | 50V |
| C3327    | 1-136-921-11 | FILM         | 1uF     | 5%  | 50V                 | C3442    | 1-163-243-11 | CERAMIC CHIP | 47PF    | 5%    | 50V |
| C3328    | 1-136-921-11 | FILM         | 1uF     | 5%  | 50V                 | C3443    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3330    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3444    | 1-126-933-11 | ELECT        | 100uF   | 20%   | 16V |
| C3331    | 1-104-665-11 | ELECT        | 100uF   | 20% | 25V                 | C3447    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3332    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3471    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3333    | 1-126-967-11 | ELECT        | 47uF    | 20% | 16V                 | C3472    | 1-130-490-11 | MYLAR        | 0.039uF | 5%    | 50V |
| C3334    | 1-130-495-00 | MYLAR        | 0.1uF   | 5%  | 50V                 | C3475    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3336    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3476    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3337    | 1-163-099-00 | CERAMIC CHIP | 18PF    | 5%  | 50V                 | C3477    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3338    | 1-163-085-00 | CERAMIC CHIP | 2PF     |     | 50V                 | C3478    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3339    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 | C3479    | 1-163-227-11 | CERAMIC CHIP | 10PF    | 0.5PF | 50V |
| C3340    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |     | 50V                 | C3480    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |       | 50V |
| C3341    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |     | 50V                 | C3481    | 1-126-965-11 | ELECT        | 22uF    | 20%   | 50V |
| C3342    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3482    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
| C3345    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 | C3483    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
|          |              |              |         |     |                     | C3484    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%    | 50V |
|          |              |              |         |     |                     | C3485    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |
|          |              |              |         |     |                     | C3486    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |

| Ref. No. | Part No.     | Description  |          |       | Remarks | Ref. No.      | Part No.     | Description                    |          |     | Remarks |
|----------|--------------|--------------|----------|-------|---------|---------------|--------------|--------------------------------|----------|-----|---------|
| C3487    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3553         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3488    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3554         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3489    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3555         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3490    | 1-163-275-11 | CERAMIC CHIP | 0.001uF  | 5%    | 50V     | C3556         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3491    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3557         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3492    | 1-126-965-11 | ELECT        | 22uF     | 20%   | 50V     | C3558         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3493    | 1-164-232-11 | CERAMIC CHIP | 0.01uF   |       | 50V     | C3559         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3494    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3560         | 1-130-477-00 | MYLAR                          | 0.0033uF | 5%  | 50V     |
| C3495    | 1-163-227-11 | CERAMIC CHIP | 10PF     | 0.5PF | 50V     | C3561         | 1-130-469-00 | MYLAR                          | 680PF    | 5%  | 50V     |
| C3496    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3562         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3497    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3563         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3498    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3564         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3499    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3565         | 1-130-477-00 | MYLAR                          | 0.0033uF | 5%  | 50V     |
| C3500    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3566         | 1-130-469-00 | MYLAR                          | 680PF    | 5%  | 50V     |
| C3501    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3567         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3502    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3568         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3503    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3569         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3504    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3570         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3505    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3571         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3506    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3572         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3507    | 1-126-964-11 | ELECT        | 10uF     | 20%   | 50V     | C3573         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3508    | 1-163-227-11 | CERAMIC CHIP | 10PF     | 0.5PF | 50V     | C3574         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3509    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3575         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3510    | 1-130-477-00 | MYLAR        | 0.0033uF | 5%    | 50V     | C3576         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3511    | 1-130-469-00 | MYLAR        | 680PF    | 5%    | 50V     | C3577         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3512    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3578         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3513    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3579         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3514    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3580         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3515    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3581         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3516    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3582         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3517    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3583         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3518    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3584         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3519    | 1-130-477-00 | MYLAR        | 0.0033uF | 5%    | 50V     | C3585         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3520    | 1-130-469-00 | MYLAR        | 680PF    | 5%    | 50V     | C3586         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3521    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3587         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3525    | 1-126-964-11 | ELECT        | 10uF     | 20%   | 50V     | C3588         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3526    | 1-163-227-11 | CERAMIC CHIP | 10PF     | 0.5PF | 50V     | C3589         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3527    | 1-126-964-11 | ELECT        | 10uF     | 20%   | 50V     | C3600         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3531    | 1-126-964-11 | ELECT        | 10uF     | 20%   | 50V     | C3605         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3532    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3606         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3533    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3607         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3534    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3608         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3535    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3609         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3536    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3621         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3537    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3650         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3538    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3653         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3539    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3656         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3540    | 1-130-477-00 | MYLAR        | 0.0033uF | 5%    | 50V     | C3659         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3541    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3662         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3542    | 1-130-469-00 | MYLAR        | 680PF    | 5%    | 50V     | C3665         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3543    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | < CONNECTOR > |              |                                |          |     |         |
| C3544    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | CN3301        | 1-569-309-11 | SOCKET, CONNECTOR (L TYRE) 21P |          |     |         |
| C3545    | 1-130-469-00 | MYLAR        | 680PF    | 5%    | 50V     | CN3302        | 1-569-309-11 | SOCKET, CONNECTOR (L TYRE) 21P |          |     |         |
| C3546    | 1-130-477-00 | MYLAR        | 0.0033uF | 5%    | 50V     | CN3303        | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P      |          |     |         |
| C3547    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | CN3304        | 1-691-768-11 | PLUG (MICRO CONNECTOR) 6P      |          |     |         |
| C3548    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     |               |              |                                |          |     |         |
| C3549    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     |               |              |                                |          |     |         |
| C3550    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     |               |              |                                |          |     |         |
| C3551    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     |               |              |                                |          |     |         |
| C3552    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     |               |              |                                |          |     |         |

| Ref. No.         | Part No.     | Description              | Remarks | Ref. No.       | Part No.     | Description                              | Remarks |
|------------------|--------------|--------------------------|---------|----------------|--------------|------------------------------------------|---------|
| < DIODE >        |              |                          |         |                |              |                                          |         |
| D3303            | 8-719-061-62 | DIODE KV1851             |         | IC3503         | 8-759-636-55 | IC M5218AFP                              |         |
| D3401            | 8-719-951-05 | DIODE KV1560             |         | IC3504         | 8-759-636-55 | IC M5218AFP                              |         |
| D3402            | 8-719-801-78 | DIODE 1SS184             |         | IC3505         | 8-759-636-55 | IC M5218AFP                              |         |
| D3404            | 8-719-801-78 | DIODE 1SS184             |         | IC3506         | 8-759-636-55 | IC M5218AFP                              |         |
| D3407            | 8-719-820-05 | DIODE 1SS181             |         | IC3507         | 8-759-636-55 | IC M5218AFP                              |         |
| D3409            | 8-719-801-78 | DIODE 1SS184             |         | IC3508         | 8-759-636-55 | IC M5218AFP                              |         |
| D3410            | 8-719-801-78 | DIODE 1SS184             |         | IC3509         | 8-759-636-55 | IC M5218AFP                              |         |
| < FERRITE BEAD > |              |                          |         | IC3510         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3401           | 1-410-397-21 | FERRITE BEAD INDUCTOR    |         | IC3511         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3402           | 1-410-397-21 | FERRITE BEAD INDUCTOR    |         | IC3512         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3403           | 1-410-397-21 | FERRITE BEAD INDUCTOR    |         | IC3513         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3404           | 1-410-397-21 | FERRITE BEAD INDUCTOR    |         | IC3514         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3405           | 1-414-813-21 | INDUCTOR 0UH             |         | IC3515         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3406           | 1-414-813-21 | INDUCTOR 0UH             |         | IC3516         | 8-759-463-71 | IC LC7535M-TP                            |         |
| FB3407           | 1-414-813-21 | INDUCTOR 0UH             |         | IC3517         | 8-759-463-71 | IC LC7535M-TP                            |         |
| < FILTER >       |              |                          |         | < JACK >       |              |                                          |         |
| FL3301           | 1-233-866-11 | FILTER, BAND PASS        |         | J3301          | 1-770-905-11 | JACK, PIN 1P (LD IN COAXIAL)(V909/VE910) |         |
| < IC >           |              |                          |         | J3302          | 1-779-701-11 | JACK, PIN 1P (LD/DVD IN)                 |         |
| IC3101           | 8-759-636-55 | IC M5218AFP              |         | < COIL >       |              |                                          |         |
| IC3102           | 8-759-636-55 | IC M5218AFP              |         | L3301          | 1-410-391-11 | INDUCTOR CHIP 68uH                       |         |
| IC3103           | 8-759-636-55 | IC M5218AFP              |         | L3401          | 1-426-850-11 | COIL (RF)                                |         |
| IC3104           | 8-759-463-77 | IC CXD8681M-TP           |         | L3402          | 1-410-381-11 | INDUCTOR CHIP 10uH                       |         |
| IC3105           | 8-759-604-35 | IC M5F78M05L             |         | L3403          | 1-410-381-11 | INDUCTOR CHIP 10uH                       |         |
| IC3106           | 8-759-045-17 | IC NJM79L05UA            |         | L3404          | 1-410-381-11 | INDUCTOR CHIP 10uH                       |         |
| IC3107           | 8-759-242-70 | IC TC7WU04F              |         | L3405          | 1-410-381-11 | INDUCTOR CHIP 10uH                       |         |
| IC3108           | 8-759-233-26 | IC TC74HC393AF-TP1       |         | < TRANSISTOR > |              |                                          |         |
| IC3301           | 8-749-923-05 | IC TORX178 (LD/DVD IN)   |         | Q3301          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3302           | 8-749-923-05 | IC TORX178 (CD IN)       |         | Q3302          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3303           | 8-749-923-05 | IC TORX178 (DAT/MD IN)   |         | Q3303          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3304           | 8-749-923-04 | IC TOTX178 (DAT/MD OUT)  |         | Q3304          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3305           | 8-759-262-03 | IC MC14577CF             |         | Q3305          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3306           | 8-759-636-55 | IC M5218AFP              |         | Q3306          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3307           | 8-759-045-17 | IC NJM79L05UA            |         | Q3307          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3308           | 8-759-463-68 | IC SN-PM4007A            |         | Q3308          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3309           | 8-759-441-94 | IC IDT71256SA20Y-TL      |         | Q3309          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3311           | 8-759-326-72 | IC CXD8521M              |         | Q3310          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3313           | 8-759-236-17 | IC TC74HC151AF-TP1       |         | Q3311          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3314           | 8-759-242-70 | IC TC7WU04F (V909/VE910) |         | Q3312          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3401           | 8-759-370-62 | IC CXD8505BQ             |         | Q3313          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3402           | 8-759-370-62 | IC CXD8505BQ             |         | Q3314          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3403           | 8-759-370-62 | IC CXD8505BQ             |         | Q3315          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3407           | 8-759-233-26 | IC TC74HC393AF-TP1       |         | Q3401          | 8-729-232-11 | TRANSISTOR 2SK302-GR-TE85L               |         |
| IC3408           | 8-759-233-64 | IC TC74HCU04AF           |         | Q3402          | 8-729-232-11 | TRANSISTOR 2SK302-GR-TE85L               |         |
| IC3409           | 8-759-250-81 | IC TC5081AP              |         | Q3403          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3410           | 8-759-446-37 | IC DSP56009FJ88F         |         | Q3404          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3411           | 8-759-436-44 | IC IDT71024S20Y-TL       |         | Q3405          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3412           | 8-759-446-40 | IC SSP424023FJ88         |         | Q3406          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3413           | 8-759-488-55 | IC MB90641APF-G-104BND   |         | Q3407          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3414           | 8-759-232-65 | IC TC74HC157AF           |         | Q3501          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
| IC3417           | 8-759-233-64 | IC TC74HCU04AF           |         | Q3502          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
| IC3425           | 8-759-242-70 | IC TC7WU04F              |         | Q3503          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
| IC3501           | 8-759-636-55 | IC M5218AFP              |         | Q3504          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
| IC3502           | 8-759-636-55 | IC M5218AFP              |         | Q3505          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
|                  |              |                          |         | Q3506          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
|                  |              |                          |         | Q3511          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
|                  |              |                          |         | Q3512          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |

| Ref. No.     | Part No.     | Description            | Remarks      |    |       | Ref. No. | Part No.     | Description | Remarks |    |              |
|--------------|--------------|------------------------|--------------|----|-------|----------|--------------|-------------|---------|----|--------------|
| Q3513        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       | R3311    | 1-216-022-00 | METAL CHIP  | 75      | 5% | 1/10W        |
| Q3514        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       | R3312    | 1-216-025-91 | METAL GLAZE | 100     | 5% | 1/10W        |
| Q3515        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       |          |              |             |         |    | (V909/VE910) |
| Q3516        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       | R3313    | 1-216-022-00 | METAL CHIP  | 75      | 5% | 1/10W        |
| Q3517        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       | R3314    | 1-216-022-00 | METAL CHIP  | 75      | 5% | 1/10W        |
| Q3518        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       | R3315    | 1-216-025-91 | METAL GLAZE | 100     | 5% | 1/10W        |
| Q3519        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       |          |              |             |         |    | (V909/VE910) |
| Q3520        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       | R3316    | 1-216-073-00 | METAL CHIP  | 10K     | 5% | 1/10W        |
| Q3521        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       | R3317    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| Q3522        | 8-729-107-46 | TRANSISTOR             | 2SC3624A-L15 |    |       |          |              |             |         |    |              |
| < RESISTOR > |              |                        |              |    |       | R3318    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3100        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3319    | 1-216-083-00 | METAL CHIP  | 27K     | 5% | 1/10W        |
| R3101        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3320    | 1-216-043-91 | METAL GLAZE | 560     | 5% | 1/10W        |
| R3102        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3321    | 1-216-024-00 | METAL GLAZE | 91      | 5% | 1/10W        |
| R3103        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3322    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3104        | 1-216-053-00 | METAL CHIP             | 1.5K         | 5% | 1/10W |          |              |             |         |    |              |
| R3105        | 1-216-017-91 | METAL GLAZE            | 47           | 5% | 1/10W | R3323    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3106        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3324    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3107        | 1-216-053-00 | METAL CHIP             | 1.5K         | 5% | 1/10W | R3325    | 1-216-065-00 | METAL CHIP  | 4.7K    | 5% | 1/10W        |
| R3108        | 1-216-017-91 | METAL GLAZE            | 47           | 5% | 1/10W | R3326    | 1-216-029-00 | METAL CHIP  | 150     | 5% | 1/10W        |
| R3109        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3327    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3110        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3328    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3111        | 1-216-073-00 | METAL CHIP             | 10K          | 5% | 1/10W | R3329    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3112        | 1-216-027-00 | METAL CHIP             | 120          | 5% | 1/10W | R3330    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3113        | 1-216-073-00 | METAL CHIP             | 10K          | 5% | 1/10W | R3331    | 1-216-055-00 | METAL CHIP  | 1.8K    | 5% | 1/10W        |
| R3114        | 1-216-025-91 | METAL GLAZE            | 100          | 5% | 1/10W | R3332    | 1-216-073-00 | METAL CHIP  | 10K     | 5% | 1/10W        |
| R3115        | 1-216-025-91 | METAL GLAZE            | 100          | 5% | 1/10W | R3333    | 1-216-073-00 | METAL CHIP  | 10K     | 5% | 1/10W        |
| R3116        | 1-216-121-91 | METAL GLAZE            | 1M           | 5% | 1/10W | R3334    | 1-216-065-00 | METAL CHIP  | 4.7K    | 5% | 1/10W        |
| R3117        | 1-216-041-00 | METAL CHIP             | 470          | 5% | 1/10W | R3335    | 1-216-065-00 | METAL CHIP  | 4.7K    | 5% | 1/10W        |
| R3118        | 1-216-025-91 | METAL GLAZE            | 100          | 5% | 1/10W | R3336    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3119        | 1-216-025-91 | METAL GLAZE            | 100          | 5% | 1/10W | R3337    | 1-216-061-00 | METAL CHIP  | 3.3K    | 5% | 1/10W        |
| R3120        | 1-216-025-91 | METAL GLAZE            | 100          | 5% | 1/10W | R3338    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3121        | 1-216-043-91 | METAL GLAZE            | 560          | 5% | 1/10W | R3339    | 1-216-071-00 | METAL CHIP  | 8.2K    | 5% | 1/10W        |
| R3123        | 1-216-041-00 | METAL CHIP             | 470          | 5% | 1/10W | R3340    | 1-216-081-00 | METAL CHIP  | 22K     | 5% | 1/10W        |
| R3124        | 1-216-041-00 | METAL CHIP             | 470          | 5% | 1/10W | R3341    | 1-216-097-91 | METAL GLAZE | 100K    | 5% | 1/10W        |
| R3150        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3342    | 1-216-063-91 | METAL GLAZE | 3.9K    | 5% | 1/10W        |
| R3151        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3343    | 1-216-065-00 | METAL CHIP  | 4.7K    | 5% | 1/10W        |
| R3152        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3344    | 1-216-093-00 | METAL CHIP  | 68K     | 5% | 1/10W        |
| R3153        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3345    | 1-216-073-00 | METAL CHIP  | 10K     | 5% | 1/10W        |
| R3154        | 1-216-053-00 | METAL CHIP             | 1.5K         | 5% | 1/10W | R3346    | 1-216-073-00 | METAL CHIP  | 10K     | 5% | 1/10W        |
| R3155        | 1-216-017-91 | METAL GLAZE            | 47           | 5% | 1/10W | R3347    | 1-216-089-91 | METAL GLAZE | 47K     | 5% | 1/10W        |
| R3156        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3348    | 1-216-027-00 | METAL CHIP  | 120     | 5% | 1/10W        |
| R3157        | 1-216-053-00 | METAL CHIP             | 1.5K         | 5% | 1/10W | R3349    | 1-216-089-91 | METAL GLAZE | 47K     | 5% | 1/10W        |
| R3158        | 1-216-017-91 | METAL GLAZE            | 47           | 5% | 1/10W | R3350    | 1-216-089-91 | METAL GLAZE | 47K     | 5% | 1/10W        |
| R3159        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3351    | 1-216-017-91 | METAL GLAZE | 47      | 5% | 1/10W        |
| R3160        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3352    | 1-216-025-91 | METAL GLAZE | 100     | 5% | 1/10W        |
| R3161        | 1-216-073-00 | METAL CHIP             | 10K          | 5% | 1/10W | R3353    | 1-216-025-91 | METAL GLAZE | 100     | 5% | 1/10W        |
| R3162        | 1-216-027-00 | METAL CHIP             | 120          | 5% | 1/10W | R3354    | 1-216-073-00 | METAL CHIP  | 10K     | 5% | 1/10W        |
| R3163        | 1-216-073-00 | METAL CHIP             | 10K          | 5% | 1/10W | R3355    | 1-216-073-00 | METAL CHIP  | 10K     | 5% | 1/10W        |
| R3301        | 1-216-022-00 | METAL CHIP             | 75           | 5% | 1/10W | R3356    | 1-216-081-00 | METAL CHIP  | 22K     | 5% | 1/10W        |
| R3302        | 1-216-295-91 | CONDUCTOR, CHIP (2012) |              |    |       | R3357    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3303        | 1-216-081-00 | METAL CHIP             | 22K          | 5% | 1/10W | R3358    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3304        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3359    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3305        | 1-216-029-00 | METAL CHIP             | 150          | 5% | 1/10W | R3360    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3306        | 1-216-065-00 | METAL CHIP             | 4.7K         | 5% | 1/10W | R3361    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3307        | 1-216-022-00 | METAL CHIP             | 75           | 5% | 1/10W | R3362    | 1-216-073-00 | METAL CHIP  | 10K     | 5% | 1/10W        |
|              |              |                        |              |    |       |          |              |             |         |    | (V909/VE910) |
| R3309        | 1-216-073-00 | METAL CHIP             | 10K          | 5% | 1/10W | R3363    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
|              |              |                        |              |    |       | R3364    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
| R3310        | 1-216-022-00 | METAL CHIP             | 75           | 5% | 1/10W | R3365    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |
|              |              |                        |              |    |       | R3366    | 1-216-073-00 | METAL CHIP  | 10K     | 5% | 1/10W        |
|              |              |                        |              |    |       | R3367    | 1-216-049-91 | METAL GLAZE | 1K      | 5% | 1/10W        |

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| Ref. No. | Part No.     | Description            | Remarks |
|----------|--------------|------------------------|---------|
| R3368    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3369    | 1-216-041-00 | METAL CHIP 470 5%      | 1/10W   |
| R3370    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3371    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3372    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3373    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3374    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3375    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3376    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3377    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3378    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3379    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3380    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3381    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3382    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3383    | 1-216-089-91 | METAL GLAZE 47K 5%     | 1/10W   |
| R3384    | 1-216-057-00 | METAL CHIP 2.2K 5%     | 1/10W   |
| R3385    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3386    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3387    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3388    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3389    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3390    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3391    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3392    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3393    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3394    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3395    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3396    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3397    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3398    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3399    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3400    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3401    | 1-216-057-00 | METAL CHIP 2.2K 5%     | 1/10W   |
| R3402    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3403    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3404    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3405    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3406    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3407    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3408    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3409    | 1-216-071-00 | METAL CHIP 8.2K 5%     | 1/10W   |
| R3410    | 1-216-097-91 | METAL GLAZE 100K 5%    | 1/10W   |
| R3411    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3412    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3413    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3414    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3415    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3416    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3417    | 1-216-017-91 | METAL GLAZE 47 5%      | 1/10W   |
| R3418    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3419    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3421    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3422    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3423    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3424    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3425    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3426    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3427    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3428    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |

| Ref. No. | Part No.     | Description            | Remarks |
|----------|--------------|------------------------|---------|
| R3429    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3430    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3431    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3432    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3433    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3434    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3435    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3436    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3437    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3438    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3439    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3440    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3441    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3442    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3443    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3444    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3445    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3446    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3447    | 1-216-041-00 | METAL CHIP 470 5%      | 1/10W   |
| R3448    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3449    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3450    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3451    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3452    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3453    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3454    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3455    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3456    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3457    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3458    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3459    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3460    | 1-216-308-00 | METAL CHIP 4.7 5%      | 1/10W   |
| R3461    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3462    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3465    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3466    | 1-216-065-00 | METAL CHIP 4.7K 5%     | 1/10W   |
| R3479    | 1-216-097-91 | METAL GLAZE 100K 5%    | 1/10W   |
| R3480    | 1-216-121-91 | METAL GLAZE 1M 5%      | 1/10W   |
| R3501    | 1-216-057-00 | METAL CHIP 2.2K 5%     | 1/10W   |
| R3502    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3503    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3504    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3505    | 1-216-071-00 | METAL CHIP 8.2K 5%     | 1/10W   |
| R3506    | 1-216-071-00 | METAL CHIP 8.2K 5%     | 1/10W   |
| R3507    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3508    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3509    | 1-216-071-00 | METAL CHIP 8.2K 5%     | 1/10W   |
| R3510    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3511    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3512    | 1-216-057-00 | METAL CHIP 2.2K 5%     | 1/10W   |
| R3513    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3514    | 1-216-049-91 | METAL GLAZE 1K 5%      | 1/10W   |
| R3515    | 1-216-057-00 | METAL CHIP 2.2K 5%     | 1/10W   |
| R3516    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3517    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |
| R3518    | 1-216-071-00 | METAL CHIP 8.2K 5%     | 1/10W   |
| R3519    | 1-216-071-00 | METAL CHIP 8.2K 5%     | 1/10W   |
| R3520    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |         |
| R3521    | 1-216-062-00 | METAL CHIP 3.6K 5%     | 1/10W   |
| R3522    | 1-216-073-00 | METAL CHIP 10K 5%      | 1/10W   |

| Ref. No. | Part No.     | Description            |      |    | Remarks | Ref. No. | Part No.     | Description            |      |    | Remarks |
|----------|--------------|------------------------|------|----|---------|----------|--------------|------------------------|------|----|---------|
| R3523    | 1-216-054-00 | METAL GLAZE            | 1.6K | 5% | 1/10W   | R3583    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   |
| R3524    | 1-216-061-00 | METAL CHIP             | 3.3K | 5% | 1/10W   | R3584    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3525    | 1-216-055-00 | METAL CHIP             | 1.8K | 5% | 1/10W   | R3586    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3526    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3587    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3527    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3588    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3528    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3589    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3529    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3590    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3530    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3591    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3531    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3592    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3532    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3594    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   |
| R3533    | 1-216-109-00 | METAL CHIP             | 330K | 5% | 1/10W   | R3595    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3534    | 1-216-109-00 | METAL CHIP             | 330K | 5% | 1/10W   | R3596    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   |
| R3535    | 1-216-062-00 | METAL CHIP             | 3.6K | 5% | 1/10W   | R3597    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3536    | 1-216-061-00 | METAL CHIP             | 3.3K | 5% | 1/10W   | R3598    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3537    | 1-216-055-00 | METAL CHIP             | 1.8K | 5% | 1/10W   | R3599    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3538    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3600    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3539    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3601    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3540    | 1-216-054-00 | METAL GLAZE            | 1.6K | 5% | 1/10W   | R3602    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3541    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3603    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3542    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3604    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3543    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3605    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3544    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   | R3606    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3545    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3607    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3546    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3608    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3547    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3609    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3548    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3610    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3549    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3611    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3550    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3612    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3551    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3613    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3552    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3614    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3553    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3615    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3554    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3616    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3555    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3617    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3556    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3618    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3557    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3619    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3558    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3620    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3559    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3621    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   |
| R3560    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3622    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   |
| R3561    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   | R3623    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   |
| R3562    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3627    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3563    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3628    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3564    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   | R3631    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3565    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3632    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3566    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3633    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3567    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3634    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3568    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3635    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3569    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3636    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3570    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3637    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3571    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3638    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3572    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3639    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3573    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3640    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3574    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3641    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3575    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3642    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3576    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   | R3650    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3577    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3651    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3578    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3652    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3579    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3653    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3580    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3654    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3581    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3655    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3582    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3656    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |

| Ref. No.              | Part No.     | Description                            | Remarks |       |  |
|-----------------------|--------------|----------------------------------------|---------|-------|--|
| R3657                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5%      | 1/10W |  |
| R3658                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3659                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3660                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3661                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3662                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3663                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3664                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3665                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5%      | 1/10W |  |
| R3666                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5%      | 1/10W |  |
| R3667                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3668                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3669                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3670                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3671                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3672                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3673                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5%      | 1/10W |  |
| R3674                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5%      | 1/10W |  |
| R3675                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3676                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3677                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3678                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3679                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5%      | 1/10W |  |
| R3680                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5%      | 1/10W |  |
| R3681                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3682                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3683                 | 1-216-073-00 | METAL CHIP 10K                         | 5%      | 1/10W |  |
| R3684                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3701                 | 1-216-097-91 | METAL GLAZE 100K                       | 5%      | 1/10W |  |
| R3702                 | 1-216-097-91 | METAL GLAZE 100K                       | 5%      | 1/10W |  |
| R3703                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3704                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| R3706                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |         |       |  |
| < VARIABLE RESISTOR > |              |                                        |         |       |  |
| RV3301                | 1-241-765-11 | RES, ADJ, CARBON 22K                   |         |       |  |
| < VIBRATOR >          |              |                                        |         |       |  |
| X3302                 | 1-767-434-11 | VIBRATOR, CRYSTAL 18.432MHz            |         |       |  |
| X3401                 | 1-767-359-11 | VIBRATOR, CERAMIC 4MHz                 |         |       |  |
| X3501                 | 1-767-576-11 | VIBRATOR, CRYSTAL 12.288MHz            |         |       |  |
| *****                 |              |                                        |         |       |  |
| *                     | A-4398-225-A | DISPLAY BOARD, COMPLETE (DE915:US,CND) |         |       |  |
| *****                 |              |                                        |         |       |  |
| *                     | A-4398-246-A | DISPLAY BOARD, COMPLETE (DE915:AUS)    |         |       |  |
| *****                 |              |                                        |         |       |  |
| *                     | A-4398-281-A | DISPLAY BOARD, COMPLETE (DE915:PX)     |         |       |  |
| *****                 |              |                                        |         |       |  |
| *                     | A-4398-284-A | DISPLAY BOARD, COMPLETE (V909/VE910)   |         |       |  |
| *****                 |              |                                        |         |       |  |
|                       |              | L.B BOARD                              |         |       |  |
| *****                 |              |                                        |         |       |  |
| *                     | 4-921-941-01 | CUSHION (FL)                           |         |       |  |
| *                     | 4-990-797-01 | HOLDER (FL)                            |         |       |  |
| < CAPACITOR >         |              |                                        |         |       |  |
| C101                  | 1-164-159-11 | CERAMIC 0.1uF                          |         | 50V   |  |
| C102                  | 1-164-159-11 | CERAMIC 0.1uF                          |         | 50V   |  |
| C103                  | 1-164-159-11 | CERAMIC 0.1uF                          |         | 50V   |  |
| C104                  | 1-164-159-11 | CERAMIC 0.1uF                          |         | 50V   |  |
| C105                  | 1-164-159-11 | CERAMIC 0.1uF                          |         | 50V   |  |

| Ref. No.      | Part No.     | Description                                             | Remarks |      |  |
|---------------|--------------|---------------------------------------------------------|---------|------|--|
| C106          | 1-164-159-11 | CERAMIC 0.1uF                                           |         | 50V  |  |
| C111          | 1-126-786-11 | ELECT 47uF                                              | 20%     | 16V  |  |
| C113          | 1-126-786-11 | ELECT 47uF                                              | 20%     | 16V  |  |
| C115          | 1-104-905-11 | CAPACITOR 0.22F                                         |         | 5.5V |  |
| C116          | 1-164-159-11 | CERAMIC 0.1uF                                           |         | 50V  |  |
| C117          | 1-164-159-11 | CERAMIC 0.1uF                                           |         | 50V  |  |
| C135          | 1-126-795-11 | ELECT 10uF                                              | 20%     | 50V  |  |
| C140          | 1-126-786-11 | ELECT 47uF                                              | 20%     | 16V  |  |
| C141          | 1-164-159-11 | CERAMIC 0.1uF                                           |         | 50V  |  |
| C142          | 1-164-159-11 | CERAMIC 0.1uF                                           |         | 50V  |  |
| < CONNECTOR > |              |                                                         |         |      |  |
| CNP101        | 1-779-365-11 | CONNECTOR, PC BOARD (PLUG) 8P                           |         |      |  |
| CNS102        | 1-770-397-11 | HOUSING, CONNECTOR(PC BOARD)4P                          |         |      |  |
| CNS103        | 1-779-366-11 | CONNECTOR, BOARD TO BOARD 4P                            |         |      |  |
| CNS104        | 1-569-308-11 | SOCKET, CONNECTOR (L TYRE) 19P                          |         |      |  |
| CNS105        | 1-569-324-11 | SOCKET, CONNECTOR 21P                                   |         |      |  |
| CNS107        | 1-568-438-11 | SOCKET, CONNECTOR 17P                                   |         |      |  |
| < DIODE >     |              |                                                         |         |      |  |
| D101          | 8-719-313-45 | DIODE SEL6810A-TH10 (PHONO)                             |         |      |  |
| D102          | 8-719-313-45 | DIODE SEL6810A-TH10 (TUNER)                             |         |      |  |
| D103          | 8-719-313-45 | DIODE SEL6810A-TH10 (CD)                                |         |      |  |
| D104          | 8-719-313-45 | DIODE SEL6810A-TH10 (DAT/MD)                            |         |      |  |
| D105          | 8-719-313-45 | DIODE SEL6810A-TH10 (TAPE)                              |         |      |  |
| D106          | 8-719-313-45 | DIODE SEL6810A-TH10 (TV/DBS)                            |         |      |  |
| D107          | 8-719-313-45 | DIODE SEL6810A-TH10 (LD/DBS)                            |         |      |  |
| D108          | 8-719-313-45 | DIODE SEL6810A-TH10 (VIDEO 3)                           |         |      |  |
| D109          | 8-719-313-45 | DIODE SEL6810A-TH10 (VIDEO 2)                           |         |      |  |
| D110          | 8-719-313-45 | DIODE SEL6810A-TH10 (VIDEO 1)                           |         |      |  |
| D111          | 8-719-313-45 | DIODE SEL6810A-TH10 (DIRECT PASS)                       |         |      |  |
| D115          | 8-719-313-45 | DIODE SEL6810A-TH10 (SUR)                               |         |      |  |
| D116          | 8-719-313-45 | DIODE SEL6810A-TH10 (TONE)                              |         |      |  |
| D117          | 8-719-313-45 | DIODE SEL6810A-TH10 (INDEX)                             |         |      |  |
| D118          | 8-719-313-45 | DIODE SEL6810A-TH10 (BASS BOOST)                        |         |      |  |
| D119          | 8-719-313-43 | DIODE SEL6210S-TH10 (STANDBY)<br>(DE915:AUS/V909/VE910) |         |      |  |
| D133          | 8-719-987-63 | DIODE 1N4148M                                           |         |      |  |
| D134          | 8-719-024-99 | DIODE 11ES2-NTA2B                                       |         |      |  |
| D135          | 8-719-057-97 | DIODE SEL5923A-TP15 (DISCRETE)                          |         |      |  |
| D142          | 8-719-987-63 | DIODE 1N4148M                                           |         |      |  |
| D143          | 8-719-987-63 | DIODE 1N4148M                                           |         |      |  |
| D144          | 8-719-987-63 | DIODE 1N4148M                                           |         |      |  |
| < FILTER >    |              |                                                         |         |      |  |
| FL101         | 1-517-671-11 | INDICATOR TUBE, FLUORESCENT                             |         |      |  |
| < IC >        |              |                                                         |         |      |  |
| IC101         | 8-759-459-84 | IC NJL56H400                                            |         |      |  |
| IC103         | 8-759-457-56 | IC MB90673PF-G-206-BND                                  |         |      |  |
| IC106         | 8-759-962-08 | IC BA6208                                               |         |      |  |
| IC107         | 8-759-075-35 | IC TD62C950RF                                           |         |      |  |
| IC108         | 8-759-999-53 | IC MSC1164GS-K                                          |         |      |  |
| < COIL >      |              |                                                         |         |      |  |
| L101          | 1-410-509-11 | INDUCTOR 10uH                                           |         |      |  |

**DISPLAY**
**L.B**
**HEADPHONE**

| Ref. No.       | Part No.     | Description                      | Remarks | Ref. No.      | Part No.     | Description                           | Remarks |
|----------------|--------------|----------------------------------|---------|---------------|--------------|---------------------------------------|---------|
| < TRANSISTOR > |              |                                  |         | R164          | 1-249-429-11 | CARBON 10K 5%                         | 1/4W    |
| Q101           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R165          | 1-249-429-11 | CARBON 10K 5%                         | 1/4W    |
| Q103           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R166          | 1-249-429-11 | CARBON 10K 5%                         | 1/4W    |
| Q104           | 8-729-900-36 | TRANSISTOR DTC124ES (V909/VE910) |         | R188          | 1-249-411-11 | CARBON 330 5%                         | 1/4W    |
| Q105           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R189          | 1-249-413-11 | CARBON 470 5%                         | 1/4W F  |
|                |              | (DE915:AUS/V909/VE910)           |         | R190          | 1-249-415-11 | CARBON 680 5%                         | 1/4W F  |
| Q106           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R191          | 1-249-417-11 | CARBON 1K 5%                          | 1/4W F  |
| Q107           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R192          | 1-249-419-11 | CARBON 1.5K 5%                        | 1/4W F  |
| Q108           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R193          | 1-249-421-11 | CARBON 2.2K 5%                        | 1/4W F  |
| Q111           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R194          | 1-249-425-11 | CARBON 4.7K 5%                        | 1/4W F  |
| Q112           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R195          | 1-249-411-11 | CARBON 330 5%                         | 1/4W    |
| Q113           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R196          | 1-249-413-11 | CARBON 470 5%                         | 1/4W F  |
| Q114           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R197          | 1-249-415-11 | CARBON 680 5%                         | 1/4W F  |
| Q115           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R198          | 1-249-417-11 | CARBON 1K 5%                          | 1/4W F  |
| Q116           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | R199          | 1-249-419-11 | CARBON 1.5K 5%                        | 1/4W F  |
| Q117           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | RR10          | 1-249-425-11 | CARBON 4.7K 5%                        | 1/4W F  |
| Q118           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | RR11          | 1-249-411-11 | CARBON 330 5%                         | 1/4W    |
| Q119           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | RR12          | 1-249-413-11 | CARBON 470 5%                         | 1/4W F  |
| Q120           | 8-729-900-36 | TRANSISTOR DTC124ES              |         |               |              | (DE915:AUS,PX/V909/VE910)             |         |
| Q121           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | RR13          | 1-249-415-11 | CARBON 680 5%                         | 1/4W F  |
| Q122           | 8-729-900-36 | TRANSISTOR DTC124ES              |         |               |              | (DE915:PX/V909/VE910)                 |         |
| Q123           | 8-729-900-36 | TRANSISTOR DTC124ES              |         | RR14          | 1-249-417-11 | CARBON 1K 5%                          | 1/4W F  |
| Q124           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE           |         |               |              | (V909/VE910)                          |         |
| < RESISTOR >   |              |                                  |         | RR15          | 1-249-419-11 | CARBON 1.5K 5%                        | 1/4W F  |
|                |              |                                  |         |               |              | (V909/VE910)                          |         |
| R101           | 1-249-437-11 | CARBON 47K 5%                    | 1/4W    | < SWITCH >    |              |                                       |         |
| R102           | 1-249-429-11 | CARBON 10K 5%                    | 1/4W    | S123          | 1-762-751-11 | SWITCH, TACTILE (<)                   |         |
| R111           | 1-247-807-31 | CARBON 100 5%                    | 1/4W    | S124          | 1-762-751-11 | SWITCH, TACTILE (>)                   |         |
| R112           | 1-247-807-31 | CARBON 100 5%                    | 1/4W    | S125          | 1-762-751-11 | SWITCH, TACTILE (MEMORY) (DE915)      |         |
| R113           | 1-247-807-31 | CARBON 100 5%                    | 1/4W    | S126          | 1-762-751-11 | SWITCH, TACTILE (FM MODE) (DE915)     |         |
|                |              |                                  |         | S127          | 1-762-751-11 | SWITCH, TACTILE (FM/AM) (DE915)       |         |
| R114           | 1-247-807-31 | CARBON 100 5%                    | 1/4W    | S127          | 1-762-751-11 | SWITCH, TACTILE (DIMMER) (V909/VE910) |         |
| R118           | 1-249-417-11 | CARBON 1K 5%                     | 1/4W F  | S128          | 1-762-751-11 | SWITCH, TACTILE (DISPLAY)             |         |
| R119           | 1-249-417-11 | CARBON 1K 5%                     | 1/4W F  | S129          | 1-762-751-11 | SWITCH, TACTILE (^)                   |         |
| R120           | 1-249-417-11 | CARBON 1K 5%                     | 1/4W F  | S130          | 1-762-751-11 | SWITCH, TACTILE (v)                   |         |
| R121           | 1-249-417-11 | CARBON 1K 5%                     | 1/4W F  | S131          | 1-762-751-11 | SWITCH, TACTILE (PRESET -) (DE915)    |         |
| R122           | 1-249-425-11 | CARBON 4.7K 5%                   | 1/4W F  | S132          | 1-762-751-11 | SWITCH, TACTILE (TUNING -) (DE915)    |         |
| R123           | 1-249-425-11 | CARBON 4.7K 5%                   | 1/4W F  | S133          | 1-762-751-11 | SWITCH, TACTILE (PRESET +) (DE915)    |         |
| R124           | 1-249-425-11 | CARBON 4.7K 5%                   | 1/4W F  | S134          | 1-762-751-11 | SWITCH, TACTILE (TUNING +) (DE915)    |         |
| R125           | 1-249-425-11 | CARBON 4.7K 5%                   | 1/4W F  | S135          | 1-762-751-11 | SWITCH, TACTILE (BASS BOOST)          |         |
| R126           | 1-249-425-11 | CARBON 4.7K 5%                   | 1/4W F  | S151          | 1-762-751-11 | SWITCH, TACTILE (POWER) (DE915)       |         |
| R127           | 1-249-425-11 | CARBON 4.7K 5%                   | 1/4W F  | < VIBRATOR >  |              |                                       |         |
| R128           | 1-249-417-11 | CARBON 1K 5%                     | 1/4W F  | X101          | 1-567-819-11 | VIBRATOR, CERAMIC 4MHZ                |         |
| R130           | 1-249-429-11 | CARBON 10K 5%                    | 1/4W    | *****         |              |                                       |         |
| R131           | 1-249-419-11 | CARBON 1.5K 5%                   | 1/4W F  | *             | 1-665-779-11 | HEADPHONE BOARD                       |         |
| R141           | 1-249-441-11 | CARBON 100K 5%                   | 1/4W    | *****         |              |                                       |         |
| R142           | 1-249-441-11 | CARBON 100K 5%                   | 1/4W    | < CONNECTOR > |              |                                       |         |
| R150           | 1-249-393-11 | CARBON 10 5%                     | 1/4W F  | * CNP702      | 1-564-518-11 | PLUG, CONNECTOR 3P                    |         |
| R151           | 1-249-433-11 | CARBON 22K 5%                    | 1/4W    | < JACK >      |              |                                       |         |
| R152           | 1-249-437-11 | CARBON 47K 5%                    | 1/4W    | J701          | 1-568-519-41 | JACK, LARGE TYPE (PHONES)             |         |
| △ R153         | 1-249-385-11 | CARBON 2.2 5%                    | 1/6W F  | *****         |              |                                       |         |
| △ R154         | 1-249-385-11 | CARBON 2.2 5%                    | 1/6W F  | < JACK >      |              |                                       |         |
| R155           | 1-249-411-11 | CARBON 330 5%                    | 1/4W    |               |              |                                       |         |
| R156           | 1-249-411-11 | CARBON 330 5%                    | 1/4W    |               |              |                                       |         |
| R157           | 1-249-411-11 | CARBON 330 5%                    | 1/4W    |               |              |                                       |         |
| R158           | 1-249-411-11 | CARBON 330 5%                    | 1/4W    |               |              |                                       |         |
| R160           | 1-249-411-11 | CARBON 330 5%                    | 1/4W    |               |              |                                       |         |
| R161           | 1-249-411-11 | CARBON 330 5%                    | 1/4W    |               |              |                                       |         |
|                |              | (DE915:AUS/V909/VE910)           |         |               |              |                                       |         |
| R162           | 1-249-429-11 | CARBON 10K 5%                    | 1/4W    |               |              |                                       |         |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

JOINT (VIDEO)

PS

REAR AMP

| Ref. No. | Part No.     | Description                                                    | Remarks |
|----------|--------------|----------------------------------------------------------------|---------|
| *        | 1-667-185-11 | JOINT (VIDEO) BOARD<br>*****                                   |         |
|          |              | < CONNECTOR >                                                  |         |
| CNP214   | 1-695-087-11 | PIN, CONNECTOR (PC BOARD) 7P                                   |         |
| CNP215   | 1-695-087-11 | PIN, CONNECTOR (PC BOARD) 7P                                   |         |
| *****    |              |                                                                |         |
| *        | A-4398-249-A | PS BOARD, COMPLETE (DE915:AUS/VE910:<br>***** AEP,UK,G,AED,EE) |         |
| *        | A-4398-261-A | PS BOARD, COMPLETE (DE915:US,CND)<br>*****                     |         |
| *        | A-4398-278-A | PS BOARD, COMPLETE (V909/VE910:E,SP,MY)<br>*****               |         |
| *        | A-4398-282-A | PS BOARD, COMPLETE (DE915:PX)<br>*****                         |         |
|          | 7-685-872-09 | SCREW +BVTT 3X8 (S)                                            |         |
|          | 1-533-399-31 | HOLDER, FUSE                                                   |         |
|          |              | < CAPACITOR >                                                  |         |
| △ C901   | 1-136-157-00 | FILM 0.022uF 5% 50V                                            |         |
| △ C902   | 1-136-157-00 | FILM 0.022uF 5% 50V                                            |         |
| C903     | 1-126-768-11 | ELECT 2200uF 20% 16V                                           |         |
| C904     | 1-126-960-11 | ELECT 1uF 20% 50V                                              |         |
| C905     | 1-126-959-11 | ELECT 0.47uF 20% 50V                                           |         |
|          |              |                                                                |         |
| C906     | 1-124-464-11 | ELECT 0.22uF 20% 50V                                           |         |
| C913     | 1-164-159-11 | CERAMIC 0.1uF 50V                                              |         |
|          |              | < JACK >                                                       |         |
| △ CNJ901 | 1-540-060-11 | OUTLET, AC (POLAR) (AC OUTLET)<br>(US,CND,PX,CH)               |         |
|          |              | < CONNECTOR >                                                  |         |
| CNP903   | 1-564-321-00 | PIN, CONNECTOR 2P                                              |         |
| * CNP904 | 1-580-230-21 | PIN, CONNECTOR (PC BOARD) 2P<br>(DE915:AUS/V909/VE910)         |         |
| CNP905   | 1-695-087-11 | PIN, CONNECTOR (PC BOARD) 7P                                   |         |
| * CNP906 | 1-564-687-11 | PIN, CONNECTOR 3P (DE915:PX,VE910:E)                           |         |
| CNP908   | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P<br>(DE915:PX,VE910:E)               |         |
|          |              | < DIODE >                                                      |         |
| D901     | 8-719-024-99 | DIODE 11ES2-NTA2B                                              |         |
| D902     | 8-719-024-99 | DIODE 11ES2-NTA2B                                              |         |
| D903     | 8-719-024-99 | DIODE 11ES2-NTA2B                                              |         |
| D904     | 8-719-024-99 | DIODE 11ES2-NTA2B                                              |         |
| D905     | 8-719-987-63 | DIODE 1N4148M                                                  |         |
|          |              |                                                                |         |
| D906     | 8-719-987-63 | DIODE 1N4148M                                                  |         |
| D907     | 8-719-987-63 | DIODE 1N4148M                                                  |         |
|          |              | < TERMINAL, EARTH >                                            |         |
| * EB900  | 1-537-738-21 | TERMINAL, EARTH<br>(DE915:US,CND,PX/V909/VE910:E,SP,MY)        |         |
|          |              | < FUSE >                                                       |         |
| △ F901   | 1-532-504-51 | FUSE, TIME LAG 4A 250V<br>(EXCEPT DE915:US,CND)                |         |
| △ F901   | 1-533-311-11 | FUSE, GLASS CYLINDRICAL 8A 125V<br>(DE915:US,CND)              |         |
| △ F902   | 1-532-464-51 | FUSE, TIME LAG 2.5A 250V (DE915:AUS/VE910)                     |         |
| △ F903   | 1-532-504-51 | FUSE, TIME LAG 4A 250V (DE915:PX,VE910:E)                      |         |

| Ref. No. | Part No.     | Description                                          | Remarks |
|----------|--------------|------------------------------------------------------|---------|
|          |              | < IC >                                               |         |
| IC901    | 8-759-333-83 | IC NJM2103D                                          |         |
|          |              | < TRANSISTOR >                                       |         |
| Q901     | 8-729-119-79 | TRANSISTOR 2SC2785-FEK                               |         |
| Q902     | 8-729-209-15 | TRANSISTOR 2SD2012                                   |         |
|          |              | < RESISTOR >                                         |         |
| △ R901   | 1-202-725-00 | SOLID 3.3M 10% 1/2W<br>(DE915:US,CND)                |         |
| R902     | 1-249-429-11 | CARBON 10K 5% 1/4W                                   |         |
| R903     | 1-249-425-11 | CARBON 4.7K 5% 1/4W F                                |         |
|          |              |                                                      |         |
| R904     | 1-249-417-11 | CARBON 1K 5% 1/4W F                                  |         |
| R905     | 1-249-428-11 | CARBON 8.2K 5% 1/4W F                                |         |
| R906     | 1-249-421-11 | CARBON 2.2K 5% 1/4W F                                |         |
| R908     | 1-249-433-11 | CARBON 22K 5% 1/4W                                   |         |
| R909     | 1-249-439-11 | CARBON 68K 5% 1/4W                                   |         |
|          |              |                                                      |         |
| R910     | 1-249-437-11 | CARBON 47K 5% 1/4W                                   |         |
| R912     | 1-249-430-11 | CARBON 12K 5% 1/4W                                   |         |
|          |              | < RELAY >                                            |         |
| RY901    | 1-515-999-11 | RELAY, POWER                                         |         |
|          |              | < TRANSFORMER >                                      |         |
| △ T902   | 1-431-430-11 | TRANSFORMER, POWER (DE915:US,CND)                    |         |
| △ T902   | 1-431-431-11 | TRANSFORMER, POWER<br>(DE915:AUS,PX/V909/VE910)      |         |
| *****    |              |                                                      |         |
| *        | A-4398-234-A | REAR AMP BOARD, COMPLETE (V909/VE910)<br>*****       |         |
| *        | A-4398-248-A | REAR AMP BOARD, COMPLETE (DE915:AUS)<br>*****        |         |
| *        | A-4398-258-A | REAR AMP BOARD, COMPLETE (DE915:US,<br>***** CND,PX) |         |
|          |              | < CAPACITOR >                                        |         |
| C701     | 1-126-964-11 | ELECT 10uF 20% 50V                                   |         |
| C702     | 1-162-282-31 | CERAMIC 100PF 10% 50V                                |         |
| C703     | 1-102-233-00 | CERAMIC 33PF 10% 500V                                |         |
| C705     | 1-126-933-11 | ELECT 100uF 20% 10V                                  |         |
| C720     | 1-126-967-11 | ELECT 47uF 20% 16V                                   |         |
|          |              |                                                      |         |
| C721     | 1-107-597-11 | CERAMIC 22PF 10% 500V                                |         |
| C722     | 1-107-597-11 | CERAMIC 22PF 10% 500V                                |         |
| C723     | 1-162-286-31 | CERAMIC 220PF 10% 50V                                |         |
| C751     | 1-126-964-11 | ELECT 10uF 20% 50V                                   |         |
| C752     | 1-162-282-31 | CERAMIC 100PF 10% 50V                                |         |
|          |              |                                                      |         |
| C753     | 1-102-233-00 | CERAMIC 33PF 10% 500V                                |         |
| C755     | 1-126-933-11 | ELECT 100uF 20% 10V                                  |         |
| C770     | 1-126-967-11 | ELECT 47uF 20% 16V                                   |         |
| C771     | 1-107-597-11 | CERAMIC 22PF 10% 500V                                |         |
| C772     | 1-107-597-11 | CERAMIC 22PF 10% 500V                                |         |
|          |              |                                                      |         |
| C773     | 1-162-286-31 | CERAMIC 220PF 10% 50V                                |         |
| C793     | 1-126-923-11 | ELECT 220uF 20% 10V                                  |         |
| C798     | 1-128-560-11 | ELECT 22uF 20% 100V                                  |         |
| C799     | 1-128-560-11 | ELECT 22uF 20% 100V                                  |         |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref. No.       | Part No.     | Description                      | Remarks      |
|----------------|--------------|----------------------------------|--------------|
| < CONNECTOR >  |              |                                  |              |
| CNP704         | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P       |              |
| * CNP705       | 1-564-242-00 | PIN, CONNECTOR 5P                |              |
| CNP706         | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P       |              |
| CNS704         | 1-564-510-11 | PLUG, CONNECTOR 7P               |              |
| < DIODE >      |              |                                  |              |
| D701           | 8-719-987-63 | DIODE 1N4148M                    |              |
| D702           | 8-719-010-06 | DIODE UZ-2.2BS                   |              |
| D703           | 8-719-010-06 | DIODE UZ-2.2BS                   |              |
| D704           | 8-719-987-63 | DIODE 1N4148M                    |              |
| D751           | 8-719-987-63 | DIODE 1N4148M                    |              |
| D752           | 8-719-010-06 | DIODE UZ-2.2BS                   |              |
| D753           | 8-719-010-06 | DIODE UZ-2.2BS                   |              |
| D754           | 8-719-987-63 | DIODE 1N4148M                    |              |
| < IC >         |              |                                  |              |
| IC701          | 8-759-326-52 | IC uPC2581V                      |              |
| < TRANSISTOR > |              |                                  |              |
| Q701           | 8-729-900-80 | TRANSISTOR DTC114ES              |              |
| Q703           | 8-729-422-57 | TRANSISTOR UN4111                |              |
| Q704           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE           |              |
| Q705           | 8-729-141-30 | TRANSISTOR 2SC3623A-LK           |              |
| Q706           | 8-749-010-25 | IC MN2488-OPY-M                  |              |
| Q707           | 8-749-010-26 | IC MP1620-OPY-M                  |              |
| Q708           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA         |              |
| Q754           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE           |              |
| Q755           | 8-729-141-30 | TRANSISTOR 2SC3623A-LK           |              |
| Q756           | 8-749-010-25 | IC MN2488-OPY-M                  |              |
| Q757           | 8-749-010-26 | IC MP1620-OPY-M                  |              |
| Q758           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA         |              |
| < RESISTOR >   |              |                                  |              |
| R701           | 1-249-417-11 | CARBON 1K 5% 1/4W F              |              |
| R702           | 1-249-439-11 | CARBON 68K 5% 1/4W               |              |
| R703           | 1-249-439-11 | CARBON 68K 5% 1/4W               |              |
| R704           | 1-249-406-11 | CARBON 120 5% 1/4W F             | (V909/VE910) |
| R704           | 1-247-807-31 | CARBON 100 5% 1/4W               | (DE915)      |
| R721           | 1-249-437-11 | CARBON 47K 5% 1/4W               |              |
| R722           | 1-249-421-11 | CARBON 2.2K 5% 1/4W F            |              |
| R723           | 1-249-414-11 | CARBON 560 5% 1/4W F             |              |
| △ R724         | 1-249-408-11 | CARBON 180 5% 1/4W F             |              |
| △ R725         | 1-249-408-11 | CARBON 180 5% 1/4W F             |              |
| △ R726         | 1-233-352-41 | ENCAPSULATED COMPONENT 0.22X2 2W |              |
| R727           | 1-247-850-11 | CARBON 6.2K 5% 1/4W              |              |
| R728           | 1-249-419-11 | CARBON 1.5K 5% 1/4W F            |              |
| R732           | 1-249-437-11 | CARBON 47K 5% 1/4W               |              |
| R751           | 1-249-417-11 | CARBON 1K 5% 1/4W F              |              |
| R752           | 1-249-439-11 | CARBON 68K 5% 1/4W               |              |
| R753           | 1-249-439-11 | CARBON 68K 5% 1/4W               |              |
| R754           | 1-249-406-11 | CARBON 120 5% 1/4W F             | (V909/VE910) |
| R754           | 1-247-807-31 | CARBON 100 5% 1/4W               | (DE915)      |
| R771           | 1-249-437-11 | CARBON 47K 5% 1/4W               |              |
| R772           | 1-249-421-11 | CARBON 2.2K 5% 1/4W F            |              |
| R773           | 1-249-414-11 | CARBON 560 5% 1/4W F             |              |
| △ R774         | 1-249-408-11 | CARBON 180 5% 1/4W F             |              |

| Ref. No.      | Part No.     | Description                            | Remarks               |
|---------------|--------------|----------------------------------------|-----------------------|
| △ R775        | 1-249-408-11 | CARBON 180 5% 1/4W F                   |                       |
| △ R776        | 1-233-352-41 | ENCAPSULATED COMPONENT 0.22X2 2W       |                       |
| R777          | 1-247-850-11 | CARBON 6.2K 5% 1/4W                    |                       |
| R778          | 1-249-419-11 | CARBON 1.5K 5% 1/4W F                  |                       |
| R782          | 1-249-437-11 | CARBON 47K 5% 1/4W                     |                       |
| R790          | 1-249-417-11 | CARBON 1K 5% 1/4W F                    |                       |
| R794          | 1-249-425-11 | CARBON 4.7K 5% 1/4W F                  |                       |
| △ R798        | 1-249-393-11 | CARBON 10 5% 1/4W F                    |                       |
| △ R799        | 1-249-393-11 | CARBON 10 5% 1/4W F                    |                       |
| *****         |              |                                        |                       |
| *             | A-4398-229-A | S VIDEO BOARD, COMPLETE (DE915:US,CND) |                       |
| *****         |              |                                        |                       |
| *             | A-4398-251-A | S VIDEO BOARD, COMPLETE (DE915:AUS,PX) |                       |
| *****         |              |                                        |                       |
| *             | A-4398-285-A | S VIDEO BOARD, COMPLETE (V909/VE910)   |                       |
| *****         |              |                                        |                       |
| < CAPACITOR > |              |                                        |                       |
| C205          | 1-130-495-00 | MYLAR 0.1uF 5% 50V                     | (EXCEPT DE915:US,CND) |
| C207          | 1-130-483-00 | MYLAR 0.01uF 5% 50V                    | (EXCEPT DE915:US,CND) |
| C209          | 1-130-495-00 | MYLAR 0.1uF 5% 50V                     | (EXCEPT DE915:US,CND) |
| C210          | 1-124-903-11 | ELECT 1uF 20% 50V                      | (EXCEPT DE915:US,CND) |
| C214          | 1-130-495-00 | MYLAR 0.1uF 5% 50V                     | (EXCEPT DE915:US,CND) |
| C215          | 1-164-159-11 | CERAMIC 0.1uF 50V                      |                       |
| C216          | 1-164-159-11 | CERAMIC 0.1uF 50V                      | (DE915:US,CND)        |
| C217          | 1-126-967-11 | ELECT 47uF 20% 16V                     |                       |
| C221          | 1-126-964-11 | ELECT 10uF 20% 50V                     | (DE915:US,CND)        |
| C222          | 1-162-294-31 | CERAMIC 0.001uF 10% 50V                | (DE915:US,CND)        |
| C225          | 1-130-483-00 | MYLAR 0.01uF 5% 50V                    | (EXCEPT DE915:US,CND) |
| C226          | 1-124-907-11 | ELECT 10uF 20% 50V                     | (EXCEPT DE915:US,CND) |
| C227          | 1-124-907-11 | ELECT 10uF 20% 50V                     | (EXCEPT DE915:US,CND) |
| C229          | 1-124-903-11 | ELECT 1uF 20% 50V                      | (EXCEPT DE915:US,CND) |
| C245          | 1-130-495-00 | MYLAR 0.1uF 5% 50V                     | (EXCEPT DE915:US,CND) |
| C278          | 1-124-903-11 | ELECT 1uF 20% 50V                      | (EXCEPT DE915:US,CND) |
| C261          | 1-102-074-00 | CERAMIC 0.001uF 10% 50V                | (DE915:US,CND)        |
| C297          | 1-126-923-11 | ELECT 220uF 20% 10V                    | (DE915:US,CND)        |
| C2238         | 1-102-074-00 | CERAMIC 0.001uF 10% 50V                | (DE915:US,CND)        |
| < JACK >      |              |                                        |                       |
| * CNJ202      | 1-564-507-11 | PLUG, CONNECTOR 4P                     |                       |
| CNJ203        | 1-568-440-11 | SOCKET, CONNECTOR 17P                  |                       |

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# S VIDEO

| Ref. No.       | Part No.     | Description                                                  | Remarks |
|----------------|--------------|--------------------------------------------------------------|---------|
| < CONNECTOR >  |              |                                                              |         |
| CNS214         | 1-695-092-11 | SOCKET, CONNECTOR 7P                                         |         |
| < DIODE >      |              |                                                              |         |
| D201           | 8-719-987-63 | DIODE 1N4148M (DE915:US,CND)                                 |         |
| D210           | 8-719-987-63 | DIODE 1N4148M (DE915:US,CND)                                 |         |
| < IC >         |              |                                                              |         |
| IC201          | 8-759-135-80 | IC uPC358C (DE915:US,CND)                                    |         |
| IC203          | 8-759-061-95 | IC SN761200 (EXCEPT DE915:US,CND)                            |         |
| IC204          | 8-759-061-95 | IC SN761200 (EXCEPT DE915:US,CND)                            |         |
| IC223          | 8-759-388-26 | IC NJM2129D (DE915:US,CND)                                   |         |
| < JACK >       |              |                                                              |         |
| J201           | 1-563-330-11 | JACK (TV/DBS) (DE915:US,CND)                                 |         |
| J202           | 1-507-967-11 | JACK (S-LINK) (DE915:US,CND)                                 |         |
| J204           | 1-537-943-11 | TERMINAL, S (MONITOR)<br>(EXCEPT DE915:US,CND)               |         |
| J205           | 1-537-943-11 | TERMINAL, S (LD VIDEO IN)<br>(EXCEPT DE915:US,CND)           |         |
| J207           | 1-691-964-11 | CONNECTOR (ROUND TYPE) (VIDEO 1 IN)<br>(EXCEPT DE915:US,CND) |         |
| J212           | 1-563-330-11 | JACK (VIDEO 1) (DE915:US,CND)                                |         |
| J213           | 1-563-330-11 | JACK (VIDEO 2) (DE915:US,CND)                                |         |
| J214           | 1-563-330-11 | JACK (MONITOR) (DE915:US,CND)                                |         |
| < COIL >       |              |                                                              |         |
| L203           | 1-410-521-11 | INDUCTOR 100uH                                               |         |
| < TRANSISTOR > |              |                                                              |         |
| Q1             | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(EXCEPT DE915:US,CND)              |         |
| Q201           | 8-729-422-57 | TRANSISTOR UN4111<br>(EXCEPT DE915:US,CND)                   |         |
| Q205           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         |
| Q206           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(EXCEPT DE915:US,CND)              |         |
| Q207           | 8-729-620-05 | TRANSISTOR 2SC2603-EF<br>(EXCEPT DE915:US,CND)               |         |
| Q208           | 8-729-620-05 | TRANSISTOR 2SC2603-EF<br>(EXCEPT DE915:US,CND)               |         |
| Q209           | 8-729-620-05 | TRANSISTOR 2SC2603TP-EF<br>(DE915:US,CND)                    |         |
| Q210           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(EXCEPT DE915:US,CND)              |         |
| Q211           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(EXCEPT DE915:US,CND)              |         |
| Q212           | 8-729-620-05 | TRANSISTOR 2SC2603TP-EF<br>(DE915:US,CND)                    |         |
| Q213           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         |
| Q220           | 8-729-620-05 | TRANSISTOR 2SC2603TP-EF<br>(DE915:US,CND)                    |         |
| Q222           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         |
| Q223           | 8-729-620-05 | TRANSISTOR 2SC2603TP-EF<br>(DE915:US,CND)                    |         |
| Q225           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         |
| Q226           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         |

| Ref. No.     | Part No.     | Description                                    | Remarks |
|--------------|--------------|------------------------------------------------|---------|
| < RESISTOR > |              |                                                |         |
| R1           | 1-249-413-11 | CARBON 470 5% 1/4W F<br>(DE915:US,CND)         |         |
| R2           | 1-249-413-11 | CARBON 470 5% 1/4W F<br>(DE915:US,CND)         |         |
| R6           | 1-247-843-11 | CARBON 3.3K 5% 1/4W<br>(DE915:US,CND)          |         |
| R7           | 1-249-429-11 | CARBON 10K 5% 1/4W<br>(DE915:US,CND)           |         |
| R201         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |
| R202         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |
| R203         | 1-249-437-11 | CARBON 47K 5% 1/4W<br>(DE915:US,CND)           |         |
| R205         | 1-247-807-31 | CARBON 100 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| R206         | 1-247-807-31 | CARBON 100 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| R214         | 1-249-429-11 | CARBON 10K 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| R215         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| R218         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| R219         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| R220         | 1-249-409-11 | CARBON 220 5% 1/4W F<br>(EXCEPT DE915:US,CND)  |         |
| R221         | 1-249-414-11 | CARBON 560 5% 1/4W F<br>(DE915:US,CND)         |         |
| R222         | 1-249-414-11 | CARBON 560 5% 1/4W F<br>(DE915:US,CND)         |         |
| R223         | 1-249-409-11 | CARBON 220 5% 1/4W F<br>(EXCEPT DE915:US,CND)  |         |
| R224         | 1-249-433-11 | CARBON 22K 5% 1/4W<br>(DE915:US,CND)           |         |
| R225         | 1-249-427-11 | CARBON 6.8K 5% 1/4W F<br>(DE915:US,CND)        |         |
| R228         | 1-249-411-11 | CARBON 330 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| R229         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |
| R230         | 1-249-411-11 | CARBON 330 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| R233         | 1-249-426-11 | CARBON 5.6K 5% 1/4W<br>(EXCEPT DE915:US,CND)   |         |
| R234         | 1-249-426-11 | CARBON 5.6K 5% 1/4W<br>(EXCEPT DE915:US,CND)   |         |
| R236         | 1-249-429-11 | CARBON 10K 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| R238         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| R239         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| R240         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| R241         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |
| R243         | 1-249-419-11 | CARBON 1.5K 5% 1/4W F<br>(EXCEPT DE915:US,CND) |         |
| R244         | 1-249-419-11 | CARBON 1.5K 5% 1/4W F<br>(EXCEPT DE915:US,CND) |         |
| R245         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |

| Ref. No. | Part No.     | Description                   | Remarks                               | Ref. No. | Part No.     | Description                                               | Remarks |
|----------|--------------|-------------------------------|---------------------------------------|----------|--------------|-----------------------------------------------------------|---------|
| R247     | 1-249-403-11 | CARBON                        | 68 5% 1/4W F<br>(EXCEPT DE915:US,CND) | D806     | 8-719-014-66 | DIODE UZP-5.6B                                            |         |
| R248     | 1-249-403-11 | CARBON                        | 68 5% 1/4W F<br>(EXCEPT DE915:US,CND) | D851     | 8-719-302-38 | DIODE RBV-602-01                                          |         |
| R251     | 1-249-403-11 | CARBON                        | 68 5% 1/4W F<br>(EXCEPT DE915:US,CND) |          |              | < FUSE >                                                  |         |
| R254     | 1-249-430-11 | CARBON                        | 12K 5% 1/4W<br>(EXCEPT DE915:US,CND)  | △ F950   | 1-532-506-51 | FUSE 6.3A 250V (DE915:AUS,PX/V909/VE910)                  |         |
| R255     | 1-249-430-11 | CARBON                        | 12K 5% 1/4W<br>(EXCEPT DE915:US,CND)  | △ F950   | 1-533-311-11 | FUSE, GLASS CYLINDRICAL 8A 125V (DIA.5)<br>(DE915:US,CND) |         |
|          |              |                               |                                       | △ F951   | 1-532-506-51 | FUSE 6.3A 250V (DE915:AUS,PX/V909/VE910)                  |         |
| R257     | 1-249-403-11 | CARBON                        | 68 5% 1/4W F<br>(EXCEPT DE915:US,CND) | △ F951   | 1-533-311-11 | FUSE, GLASS CYLINDRICAL 8A 125V (DIA.5)<br>(DE915:US,CND) |         |
| R256     | 1-249-417-11 | CARBON                        | 1K 5% 1/4W F<br>(DE915:US,CND)        |          |              | < TRANSFORMER >                                           |         |
| R291     | 1-249-429-11 | CARBON                        | 10K 5% 1/4W<br>(DE915:US,CND)         | △ T901   | 1-431-281-11 | TRANSFORMER, POWER (DE915:US)                             |         |
| R292     | 1-249-393-11 | CARBON                        | 10 5% 1/4W F<br>(DE915:US,CND)        | △ T901   | 1-431-282-11 | TRANSFORMER, POWER (DE915:CND)                            |         |
| R293     | 1-249-429-11 | CARBON                        | 10K 5% 1/4W<br>(DE915:US,CND)         | △ T901   | 1-431-283-11 | TRANSFORMER, POWER (DE915:AUS)                            |         |
|          |              |                               |                                       | △ T901   | 1-431-284-11 | TRANSFORMER, POWER (DE915:PX)                             |         |
|          |              |                               |                                       | △ T901   | 1-431-285-11 | TRANSFORMER, POWER<br>(V909/VE910:E,SP,MY)                |         |
| R294     | 1-249-425-11 | CARBON                        | 4.7K 5% 1/4W F<br>(DE915:US,CND)      | △ T901   | 1-431-286-11 | TRANSFORMER, POWER<br>(VE910:AEP,UK,G,AED,EE)             |         |
| R297     | 1-247-843-11 | CARBON                        | 3.3K 5% 1/4W<br>(DE915:US,CND)        |          |              | *****                                                     |         |
| R298     | 1-249-429-11 | CARBON                        | 10K 5% 1/4W<br>(DE915:US,CND)         | *        | A-4398-235-A | SP (2F) BOARD, COMPLETE (VE910:AEP,UK,G,<br>***** AED,EE) |         |
| R299     | 1-249-417-11 | CARBON                        | 1K 5% 1/4W F<br>(DE915:US,CND)        | *        | A-4398-250-A | SP (2F) BOARD, COMPLETE (DE915:AUS)<br>*****              |         |
| R2015    | 1-247-807-31 | CARBON                        | 100 5% 1/4W<br>(DE915:US,CND)         | *        | A-4398-262-A | SP (2F) BOARD, COMPLETE (DE915:US,CND,<br>***** PX)       |         |
| R2020    | 1-247-807-31 | CARBON                        | 100 5% 1/4W<br>(DE915:US,CND)         | *        | A-4398-295-A | SP (2F) BOARD, COMPLETE (V909/VE910:E,SP,<br>***** MY)    |         |
|          |              |                               | *****                                 |          |              | < CAPACITOR >                                             |         |
| *        | 1-665-787-11 | S-A-P BOARD<br>*****          |                                       | C624     | 1-126-964-11 | ELECT 10uF 20% 50V                                        |         |
|          |              | < CONNECTOR >                 |                                       | C625     | 1-136-157-00 | FILM 0.022uF 5% 50V                                       |         |
| CNP703   | 1-695-089-11 | PIN, CONNECTOR (PC BOARD) 11P |                                       | C626     | 1-136-153-00 | FILM 0.01uF 5% 50V                                        |         |
| CNS702   | 1-695-096-11 | SOCKET, CONNECTOR 15P         |                                       | C706     | 1-126-951-11 | ELECT 470uF 20% 35V                                       |         |
| CNS905   | 1-695-092-11 | SOCKET, CONNECTOR 7P          |                                       | C707     | 1-104-664-11 | ELECT 47uF 20% 25V                                        |         |
|          |              | *****                         |                                       | C724     | 1-126-964-11 | ELECT 10uF 20% 50V                                        |         |
| *        | 1-665-783-12 | SECONDARY BOARD<br>*****      |                                       | C725     | 1-136-157-00 | FILM 0.022uF 5% 50V                                       |         |
|          |              |                               |                                       | C726     | 1-136-153-00 | FILM 0.01uF 5% 50V                                        |         |
|          |              |                               |                                       | C775     | 1-136-157-00 | FILM 0.022uF 5% 50V                                       |         |
|          |              |                               |                                       |          |              | < JACK >                                                  |         |
|          | 1-533-399-31 | HOLDER, FUSE                  |                                       | CNJ701   | 1-774-136-11 | CONNECTOR, ROUND TYPE 6P                                  |         |
|          |              | < CAPACITOR >                 |                                       |          |              | < CONNECTOR >                                             |         |
| C801     | 1-104-664-11 | ELECT 47uF 20% 25V            |                                       | CNP603   | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P<br>(WIRELESS REAR SPEAKER)     |         |
| C805     | 1-137-424-11 | FILM 0.22uF 10% 100V          |                                       | CNS703   | 1-695-094-11 | SOCKET, CONNECTOR 11P                                     |         |
| C806     | 1-137-424-11 | FILM 0.22uF 10% 100V          |                                       |          |              | < DIODE >                                                 |         |
| △ C850   | 1-137-416-11 | FILM 0.01uF 10% 100V          |                                       | D543     | 8-719-987-63 | DIODE 1N4148M                                             |         |
| △ C851   | 1-137-416-11 | FILM 0.01uF 10% 100V          |                                       | D605     | 8-719-987-63 | DIODE 1N4148M                                             |         |
|          |              | < CONNECTOR >                 |                                       | D606     | 8-719-987-63 | DIODE 1N4148M                                             |         |
| * CNP801 | 1-564-905-11 | PIN, CONNECTOR 9P             |                                       | D607     | 8-719-987-63 | DIODE 1N4148M                                             |         |
| CNP811   | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P     |                                       | D649     | 8-719-987-63 | DIODE 1N4148M                                             |         |
|          |              | < DIODE >                     |                                       |          |              |                                                           |         |
| D801     | 8-719-302-38 | DIODE RBV-602-01              |                                       |          |              |                                                           |         |
| D802     | 8-719-024-99 | DIODE 11ES2-NTA2B             |                                       |          |              |                                                           |         |
| D803     | 8-719-024-99 | DIODE 11ES2-NTA2B             |                                       |          |              |                                                           |         |
| D804     | 8-719-024-99 | DIODE 11ES2-NTA2B             |                                       |          |              |                                                           |         |
| D805     | 8-719-024-99 | DIODE 11ES2-NTA2B             |                                       |          |              |                                                           |         |

|                                                                                                                                         |                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.</p> | <p>Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

| Ref. No. | Part No.     | Description                 | Remarks |
|----------|--------------|-----------------------------|---------|
| D705     | 8-719-987-63 | DIODE 1N4148M               |         |
| D706     | 8-719-987-63 | DIODE 1N4148M               |         |
| D707     | 8-719-002-06 | DIODE UZL-18L               |         |
| D749     | 8-719-987-63 | DIODE 1N4148M               |         |
|          |              | < JACK >                    |         |
| J501     | 1-770-377-31 | JACK, PIN 1P (WOOFER)       |         |
|          |              | < COIL >                    |         |
| L601     | 1-411-906-11 | COIL, AIR-CORE (V909/VE910) |         |
| L601     | 1-420-872-00 | COIL, AIR-CORE (DE915)      |         |
| L701     | 1-411-906-11 | COIL, AIR-CORE (V909/VE910) |         |
| L701     | 1-420-872-00 | COIL, AIR-CORE (DE915)      |         |
| L751     | 1-411-906-11 | COIL, AIR-CORE (V909/VE910) |         |
| L751     | 1-420-872-00 | COIL, AIR-CORE (DE915)      |         |
|          |              | < TRANSISTOR >              |         |
| Q544     | 8-729-119-79 | TRANSISTOR 2SC2785-FEK      |         |
| Q609     | 8-729-281-53 | TRANSISTOR 2SC1815-GR       |         |
| Q610     | 8-729-900-63 | TRANSISTOR DTA124ES         |         |
| Q611     | 8-729-900-63 | TRANSISTOR DTA124ES         |         |
| Q645     | 8-729-119-79 | TRANSISTOR 2SC2785-FEK      |         |
| Q709     | 8-729-281-53 | TRANSISTOR 2SC1815-GR       |         |
| Q710     | 8-729-900-63 | TRANSISTOR DTA124ES         |         |
| Q745     | 8-729-119-79 | TRANSISTOR 2SC2785-FEK      |         |
| Q748     | 8-729-209-15 | TRANSISTOR 2SD2012          |         |
|          |              | < RESISTOR >                |         |
| R543     | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R544     | 1-249-425-11 | CARBON 4.7K 5% 1/4W         | F       |
| △ R545   | 1-249-393-11 | CARBON 10 5% 1/4W           | F       |
| R546     | 1-249-425-11 | CARBON 4.7K 5% 1/4W         | F       |
| R629     | 1-247-866-11 | CARBON 30K 5% 1/4W          |         |
| R630     | 1-249-421-11 | CARBON 2.2K 5% 1/4W         | F       |
| R631     | 1-249-433-11 | CARBON 22K 5% 1/4W          |         |
| R632     | 1-249-433-11 | CARBON 22K 5% 1/4W          |         |
| △ R633   | 1-249-393-11 | CARBON 10 5% 1/4W           | F       |
| △ R634   | 1-249-389-11 | CARBON 4.7 5% 1/4W          | F       |
| R635     | 1-249-431-11 | CARBON 15K 5% 1/4W          |         |
| R647     | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R648     | 1-249-425-11 | CARBON 4.7K 5% 1/4W         | F       |
| △ R649   | 1-249-393-11 | CARBON 10 5% 1/4W           | F       |
| R729     | 1-247-866-11 | CARBON 30K 5% 1/4W          |         |
| R730     | 1-249-421-11 | CARBON 2.2K 5% 1/4W         | F       |
| R731     | 1-249-433-11 | CARBON 22K 5% 1/4W          |         |
| △ R733   | 1-249-393-11 | CARBON 10 5% 1/4W           | F       |
| △ R734   | 1-249-389-11 | CARBON 4.7 5% 1/4W          | F       |
| R735     | 1-249-431-11 | CARBON 15K 5% 1/4W          |         |
| R737     | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R738     | 1-247-887-00 | CARBON 220K 5% 1/4W         |         |
| R746     | 1-249-417-11 | CARBON 1K 5% 1/4W           | F       |
| R747     | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R748     | 1-249-425-11 | CARBON 4.7K 5% 1/4W         | F       |
| △ R749   | 1-249-393-11 | CARBON 10 5% 1/4W           | F       |
| △ R783   | 1-249-393-11 | CARBON 10 5% 1/4W           | F       |
| △ R784   | 1-249-389-11 | CARBON 4.7 5% 1/4W          | F       |
| R787     | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R788     | 1-247-887-00 | CARBON 220K 5% 1/4W         |         |

| Ref. No. | Part No.     | Description                                           | Remarks |
|----------|--------------|-------------------------------------------------------|---------|
|          |              | < RELAY >                                             |         |
| RY503    | 1-515-793-11 | RELAY                                                 |         |
| RY601    | 1-515-920-11 | RELAY (24V)                                           |         |
| RY701    | 1-515-920-11 | RELAY (24V)                                           |         |
|          |              | < SWITCH >                                            |         |
| S501     | 1-692-196-11 | SWITCH, SLIDE (IMP SELECTOR)(DE915)                   |         |
|          |              | < TERMINAL >                                          |         |
| TM501    | 1-537-881-11 | TERMINAL BOARD (6P)<br>(SURROUND SPEAKERS)            |         |
| *****    |              |                                                       |         |
| *        | 1-665-775-11 | SP SW BOARD<br>*****                                  |         |
|          |              | < CONNECTOR >                                         |         |
| * CNS101 | 1-695-808-11 | CONNECTOR, PC BOARD 8P                                |         |
|          |              | < DIODE >                                             |         |
| D152     | 8-719-987-63 | DIODE 1N4148M                                         |         |
| D153     | 8-719-987-63 | DIODE 1N4148M                                         |         |
|          |              | < SWITCH >                                            |         |
| S136     | 1-762-751-11 | SWITCH, TACTILE (DPC MODE)                            |         |
| S152     | 1-554-118-00 | SWITCH, PUSH (1 KEY) (POWER)(V909/VE910)              |         |
| S155     | 1-762-268-11 | SWITCH, ROTARY (SPEAKERS)                             |         |
| *****    |              |                                                       |         |
| *        | A-4398-236-A | SUR BOARD, COMPLETE (VE910:AEP,UK,G,<br>***** AED,EE) |         |
| *        | A-4398-266-A | SUR BOARD, COMPLETE (DE915:US,CND,PX)<br>*****        |         |
| *        | A-4398-279-A | SUR BOARD, COMPLETE (V909/VE910:E,SP,<br>***** MY)    |         |
| *        | A-4398-287-A | SUR BOARD, COMPLETE (DE915:AUS)<br>*****              |         |
|          |              | < CAPACITOR >                                         |         |
| C301     | 1-126-963-11 | ELECT 4.7uF 20% 50V                                   |         |
| C302     | 1-162-282-31 | CERAMIC 100PF 10% 50V                                 |         |
| C303     | 1-126-967-11 | ELECT 47uF 20% 16V                                    |         |
| C304     | 1-130-480-00 | MYLAR 0.0056uF 5% 50V                                 |         |
| C305     | 1-106-347-00 | MYLAR 1500PF 5% 200V                                  |         |
| C306     | 1-126-960-11 | ELECT 1uF 20% 50V                                     |         |
| C307     | 1-164-159-11 | CERAMIC 0.1uF 50V                                     |         |
| C351     | 1-126-963-11 | ELECT 4.7uF 20% 50V                                   |         |
| C352     | 1-162-282-31 | CERAMIC 100PF 10% 50V                                 |         |
| C353     | 1-126-967-11 | ELECT 47uF 20% 16V                                    |         |
| C354     | 1-130-480-00 | MYLAR 0.0056uF 5% 50V                                 |         |
| C355     | 1-106-347-00 | MYLAR 1500PF 5% 200V                                  |         |
| C356     | 1-126-960-11 | ELECT 1uF 20% 50V                                     |         |
| C357     | 1-164-159-11 | CERAMIC 0.1uF 50V                                     |         |
| C394     | 1-126-967-11 | ELECT 47uF 20% 16V                                    |         |

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| Ref. No. | Part No.     | Description | Remarks                                            | Ref. No.       | Part No.     | Description                                                | Remarks |
|----------|--------------|-------------|----------------------------------------------------|----------------|--------------|------------------------------------------------------------|---------|
| C395     | 1-126-967-11 | ELECT       | 47uF 20% 16V                                       | CC56           | 1-162-282-31 | CERAMIC 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |
| C396     | 1-164-070-11 | CERAMIC     | 100PF 5% 50V                                       | CC57           | 1-162-282-31 | CERAMIC 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |
| C397     | 1-162-294-31 | CERAMIC     | 0.001uF 10% 50V                                    | CC58           | 1-162-282-31 | CERAMIC 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |
| C401     | 1-128-547-11 | ELECT       | 6800uF 20% 16V                                     | < CONNECTOR >  |              |                                                            |         |
| C402     | 1-126-935-11 | ELECT       | 470uF 20% 16V                                      | CNP250         | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P                                  |         |
| C403     | 1-126-935-11 | ELECT       | 470uF 20% 16V                                      | CNP305         | 1-695-088-11 | PIN, CONNECTOR (PC BOARD) 9P                               |         |
| C407     | 1-126-964-11 | ELECT       | 10uF 20% 50V                                       | CNP806         | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P (V909/VE910)                    |         |
| C408     | 1-164-159-11 | CERAMIC     | 0.1uF 50V                                          | CNS401         | 1-569-323-11 | SOCKET, CONNECTOR 19P                                      |         |
| C409     | 1-130-495-00 | MYLAR       | 0.1uF 5% 50V                                       | CNS403         | 1-569-324-11 | SOCKET, CONNECTOR 21P                                      |         |
| C410     | 1-130-495-00 | MYLAR       | 0.1uF 5% 50V                                       | CNS404         | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P                                  |         |
| C457     | 1-126-964-11 | ELECT       | 10uF 20% 50V                                       | CNS405         | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P                                  |         |
| C458     | 1-164-159-11 | CERAMIC     | 0.1uF 50V                                          | CNS406         | 1-691-768-11 | PLUG (MICRO CONNECTOR) 6P                                  |         |
| C501     | 1-126-964-11 | ELECT       | 10uF 20% 50V                                       | CNS501         | 1-770-404-11 | HOUSING,CONNECTOR(PC BOARD)11P                             |         |
| C502     | 1-164-070-11 | CERAMIC     | 100PF 5% 50V                                       | CNS601         | 1-770-404-11 | HOUSING,CONNECTOR(PC BOARD)11P                             |         |
| C503     | 1-107-601-11 | CERAMIC     | 33PF 5% 500V                                       | < DIODE >      |              |                                                            |         |
| C504     | 1-164-040-11 | CERAMIC     | 4PF 0.25PF 50V                                     | D401           | 8-719-987-63 | DIODE 1N4148M                                              |         |
| C505     | 1-126-933-11 | ELECT       | 100uF 20% 16V                                      | D402           | 8-719-200-82 | DIODE 11ES2                                                |         |
| C551     | 1-126-964-11 | ELECT       | 10uF 20% 50V                                       | D403           | 8-719-200-82 | DIODE 11ES2                                                |         |
| C552     | 1-164-070-11 | CERAMIC     | 100PF 5% 50V                                       | < IC >         |              |                                                            |         |
| C553     | 1-107-601-11 | CERAMIC     | 33PF 5% 500V                                       | IC301          | 8-759-805-14 | IC LC7822                                                  |         |
| C554     | 1-164-040-11 | CERAMIC     | 4PF 0.25PF 50V                                     | IC302          | 8-759-636-74 | IC M5218AP-22                                              |         |
| C555     | 1-126-933-11 | ELECT       | 100uF 20% 16V                                      | IC304          | 8-759-636-74 | IC M5218AP-22                                              |         |
| C593     | 1-126-923-11 | ELECT       | 220uF 20% 10V                                      | IC401          | 8-759-231-53 | IC TA7805S                                                 |         |
| C594     | 1-128-560-11 | ELECT       | 22uF 20% 100V                                      | IC402          | 8-759-231-53 | IC TA7805S                                                 |         |
| C595     | 1-128-560-11 | ELECT       | 22uF 20% 100V                                      | IC501          | 8-759-326-52 | IC uPC2581V                                                |         |
| C601     | 1-126-964-11 | ELECT       | 10uF 20% 50V                                       | IC601          | 8-749-011-16 | IC STK350-230                                              |         |
| C602     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V                                      | IC602          | 8-759-636-74 | IC M5218AP-22                                              |         |
| C603     | 1-102-989-00 | CERAMIC     | 68PF 5% 500V                                       | < JACK >       |              |                                                            |         |
| C604     | 1-164-040-11 | CERAMIC     | 4PF 0.25PF 50V                                     | J301           | 1-774-725-11 | JACK, PIN 2P (PHONO) (V909/VE910)                          |         |
| C605     | 1-126-967-11 | ELECT       | 47uF 20% 16V                                       | J302           | 1-766-394-11 | JACK, PIN 6P (TAPE,DAT/MD IN)                              |         |
| C606     | 1-102-989-00 | CERAMIC     | 68PF 5% 500V                                       | J303           | 1-766-394-11 | JACK, PIN 6P (DAT/MD OUT,CD,PHONO)                         |         |
| C607     | 1-126-964-11 | ELECT       | 10uF 20% 50V                                       | < TRANSISTOR > |              |                                                            |         |
| CC01     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q401           | 8-729-141-30 | TRANSISTOR 2SC3623A-LK                                     |         |
| CC02     | 1-162-286-31 | CERAMIC     | 220PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q410           | 8-729-620-05 | TRANSISTOR 2SC2603-EF                                      |         |
| CC03     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q411           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE                                     |         |
| CC04     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q451           | 8-729-141-30 | TRANSISTOR 2SC3623A-LK                                     |         |
| CC05     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q503           | 8-729-422-57 | TRANSISTOR UN4111                                          |         |
| CC06     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | < RESISTOR >   |              |                                                            |         |
| CC07     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R301           | 1-249-409-11 | CARBON 220 5% 1/4W F                                       |         |
| CC08     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R302           | 1-249-441-11 | CARBON 100K 5% 1/4W                                        |         |
| CC51     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R303           | 1-249-441-11 | CARBON 100K 5% 1/4W                                        |         |
| CC52     | 1-162-286-31 | CERAMIC     | 220PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R304           | 1-249-416-11 | CARBON 820 5% 1/4W F                                       |         |
| CC53     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R305           | 1-247-897-11 | CARBON 560K 5% 1/4W                                        |         |
| CC54     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R306           | 1-249-437-11 | CARBON 47K 5% 1/4W                                         |         |
| CC55     | 1-162-282-31 | CERAMIC     | 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R307           | 1-249-441-11 | CARBON 100K 5% 1/4W                                        |         |
|          |              |             |                                                    | R308           | 1-247-807-31 | CARBON 100 5% 1/4W                                         |         |
|          |              |             |                                                    | R309           | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(V909/VE910)                        |         |
|          |              |             |                                                    | R310           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |
|          |              |             |                                                    | R311           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |
|          |              |             |                                                    | R312           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |
|          |              |             |                                                    | R313           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |
|          |              |             |                                                    | R314           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |

|            |                       |           |
|------------|-----------------------|-----------|
| <b>SUR</b> | <b>SUR-AUDIO (2F)</b> | <b>SW</b> |
|------------|-----------------------|-----------|

| Ref. No. | Part No.     | Description    | Remarks                |
|----------|--------------|----------------|------------------------|
| R315     | 1-249-437-11 | CARBON 47K 5%  | 1/4W                   |
| R351     | 1-249-409-11 | CARBON 220 5%  | 1/4W F                 |
| R352     | 1-249-441-11 | CARBON 100K 5% | 1/4W                   |
| R353     | 1-249-441-11 | CARBON 100K 5% | 1/4W                   |
| R354     | 1-249-416-11 | CARBON 820 5%  | 1/4W F                 |
| R355     | 1-247-897-11 | CARBON 560K 5% | 1/4W                   |
| R356     | 1-249-437-11 | CARBON 47K 5%  | 1/4W                   |
| R357     | 1-249-441-11 | CARBON 100K 5% | 1/4W                   |
| R358     | 1-247-807-31 | CARBON 100 5%  | 1/4W                   |
| R359     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F<br>(V909/VE910) |
| R360     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| R361     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| R362     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| R363     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| R394     | 1-247-807-31 | CARBON 100 5%  | 1/4W                   |
| R395     | 1-247-807-31 | CARBON 100 5%  | 1/4W                   |
| R396     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| R397     | 1-249-425-11 | CARBON 4.7K 5% | 1/4W F                 |
| R412     | 1-249-425-11 | CARBON 4.7K 5% | 1/4W F                 |
| R449     | 1-249-425-11 | CARBON 4.7K 5% | 1/4W F                 |
| R450     | 1-249-441-11 | CARBON 100K 5% | 1/4W                   |
| R462     | 1-249-425-11 | CARBON 4.7K 5% | 1/4W F                 |
| R483     | 1-249-441-11 | CARBON 100K 5% | 1/4W                   |
| R484     | 1-249-429-11 | CARBON 10K 5%  | 1/4W                   |
| R486     | 1-249-437-11 | CARBON 47K 5%  | 1/4W                   |
| R490     | 1-249-433-11 | CARBON 22K 5%  | 1/4W<br>(DE915)        |
| R491     | 1-249-429-11 | CARBON 10K 5%  | 1/4W<br>(DE915)        |
| R492     | 1-249-416-11 | CARBON 820 5%  | 1/4W F<br>(DE915)      |
| R501     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| R502     | 1-249-439-11 | CARBON 68K 5%  | 1/4W                   |
| R503     | 1-249-439-11 | CARBON 68K 5%  | 1/4W                   |
| R504     | 1-247-820-11 | CARBON 360 5%  | 1/4W<br>(V909/VE910)   |
| R504     | 1-249-411-11 | CARBON 330 5%  | 1/4W<br>(DE915)        |
| R551     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| R552     | 1-249-439-11 | CARBON 68K 5%  | 1/4W                   |
| R553     | 1-249-439-11 | CARBON 68K 5%  | 1/4W                   |
| R554     | 1-247-820-11 | CARBON 360 5%  | 1/4W<br>(V909/VE910)   |
| R554     | 1-249-411-11 | CARBON 330 5%  | 1/4W<br>(DE915)        |
| R590     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| △ R592   | 1-249-381-11 | CARBON 1 5%    | 1/4W F                 |
| △ R593   | 1-249-381-11 | CARBON 1 5%    | 1/4W F                 |
| R601     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| R602     | 1-249-439-11 | CARBON 68K 5%  | 1/4W                   |
| R603     | 1-249-406-11 | CARBON 120 5%  | 1/4W F<br>(V909/VE910) |
| R603     | 1-247-807-31 | CARBON 100 5%  | 1/4W<br>(DE915)        |
| R604     | 1-249-439-11 | CARBON 68K 5%  | 1/4W                   |
| R605     | 1-249-413-11 | CARBON 470 5%  | 1/4W F                 |
| R606     | 1-249-439-11 | CARBON 68K 5%  | 1/4W                   |
| R607     | 1-249-417-11 | CARBON 1K 5%   | 1/4W F                 |
| R608     | 1-249-431-11 | CARBON 15K 5%  | 1/4W                   |

| Ref. No.      | Part No.     | Description                    | Remarks                                     |
|---------------|--------------|--------------------------------|---------------------------------------------|
| RR01          | 1-249-418-11 | CARBON 1.2K 5%                 | 1/4W F<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) |
| RR51          | 1-249-418-11 | CARBON 1.2K 5%                 | 1/4W F<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) |
| < RELAY >     |              |                                |                                             |
| RY401         | 1-515-614-11 | RELAY                          |                                             |
| < TERMINAL >  |              |                                |                                             |
| TM401         | 1-694-266-11 | TERMINAL BOARD, ANT (ANTENNA)  | (DE915:AUS)                                 |
| TM401         | 1-694-265-11 | TERMINAL BOARD, ANT (ANTENNA)  | (DE915:US,CND,PX)                           |
| < TUNER >     |              |                                |                                             |
| TU401         | 1-693-377-11 | TUNER (DE915:AUS)              |                                             |
| TU401         | 1-233-592-11 | ENCAPSULATED COMPONENT         | (DE915:US,CND,PX)                           |
| *****         |              |                                |                                             |
| *             | 1-665-776-11 | SUR-AUDIO (2F) BOARD           | *****                                       |
| < CONNECTOR > |              |                                |                                             |
| CNP302        | 1-695-088-11 | PIN, CONNECTOR (PC BOARD) 9P   |                                             |
| CNS303        | 1-695-093-11 | SOCKET, CONNECTOR 9P           |                                             |
| *****         |              |                                |                                             |
| *             | 1-665-780-11 | SW BOARD                       | *****                                       |
| < CONNECTOR > |              |                                |                                             |
| CNP103        | 1-770-397-11 | HOUSING, CONNECTOR(PC BOARD)4P |                                             |
| < RESISTOR >  |              |                                |                                             |
| R169          | 1-249-411-11 | CARBON 330 5%                  | 1/4W                                        |
| R170          | 1-249-413-11 | CARBON 470 5%                  | 1/4W F                                      |
| R171          | 1-249-415-11 | CARBON 680 5%                  | 1/4W F                                      |
| R172          | 1-249-417-11 | CARBON 1K 5%                   | 1/4W F                                      |
| R173          | 1-249-419-11 | CARBON 1.5K 5%                 | 1/4W F                                      |
| R174          | 1-249-421-11 | CARBON 2.2K 5%                 | 1/4W F                                      |
| R175          | 1-249-425-11 | CARBON 4.7K 5%                 | 1/4W F                                      |
| R176          | 1-249-411-11 | CARBON 330 5%                  | 1/4W                                        |
| R177          | 1-249-413-11 | CARBON 470 5%                  | 1/4W F                                      |
| R178          | 1-249-415-11 | CARBON 680 5%                  | 1/4W F                                      |
| R179          | 1-249-417-11 | CARBON 1K 5%                   | 1/4W F                                      |
| R180          | 1-249-419-11 | CARBON 1.5K 5%                 | 1/4W F                                      |
| R181          | 1-249-421-11 | CARBON 2.2K 5%                 | 1/4W F                                      |
| R182          | 1-249-411-11 | CARBON 330 5%                  | 1/4W                                        |
| R183          | 1-249-413-11 | CARBON 470 5%                  | 1/4W F                                      |
| R184          | 1-249-415-11 | CARBON 680 5%                  | 1/4W F                                      |
| R185          | 1-249-417-11 | CARBON 1K 5%                   | 1/4W F                                      |
| R186          | 1-249-419-11 | CARBON 1.5K 5%                 | 1/4W F                                      |
| R187          | 1-249-421-11 | CARBON 2.2K 5%                 | 1/4W F                                      |

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SW

VIDEO (3)

VIDEO

VOL SEL

| Ref. No. | Part No.     | Description                               | Remarks      |
|----------|--------------|-------------------------------------------|--------------|
|          |              | < SWITCH >                                |              |
| S101     | 1-762-751-11 | SWITCH, TACTILE (1) (DE915)               |              |
| S102     | 1-762-751-11 | SWITCH, TACTILE (4) (DE915)               |              |
| S103     | 1-762-751-11 | SWITCH, TACTILE (7) (DE915)               |              |
| S104     | 1-762-751-11 | SWITCH, TACTILE (0) (DE915)               |              |
| S105     | 1-762-751-11 | SWITCH, TACTILE (DIRECT PASS)             |              |
| S106     | 1-762-751-11 | SWITCH, TACTILE (GENRE)                   |              |
| S107     | 1-762-751-11 | SWITCH, TACTILE (SET UP)                  |              |
| S108     | 1-762-751-11 | SWITCH, TACTILE (MODE)                    |              |
| S109     | 1-762-751-11 | SWITCH, TACTILE (2) (DE915)               |              |
| S110     | 1-762-751-11 | SWITCH, TACTILE (5) (DE915)               |              |
| S111     | 1-762-751-11 | SWITCH, TACTILE (8) (DE915)               |              |
| S112     | 1-762-751-11 | SWITCH, TACTILE (DIRECT) (DE915)          |              |
| S113     | 1-762-751-11 | SWITCH, TACTILE (AUDIO FUNC <)            |              |
| S114     | 1-762-751-11 | SWITCH, TACTILE (SOUND FIELD)             |              |
| S115     | 1-762-751-11 | SWITCH, TACTILE (AUDIO FUNC >)            |              |
| S116     | 1-762-751-11 | SWITCH, TACTILE (3) (DE915)               |              |
| S117     | 1-762-751-11 | SWITCH, TACTILE (6) (DE915)               |              |
| S118     | 1-762-751-11 | SWITCH, TACTILE (9) (DE915)               |              |
| S119     | 1-762-751-11 | SWITCH, TACTILE (SHIFT) (DE915)           |              |
| S120     | 1-762-751-11 | SWITCH, TACTILE (VIDEO FUNC <)            |              |
| S121     | 1-762-751-11 | SWITCH, TACTILE (INPUT MODE)              |              |
| S122     | 1-762-751-11 | SWITCH, TACTILE (VIDEO FUNC >)            |              |
| *****    |              |                                           |              |
| *        | 1-665-777-11 | VIDEO (3) BOARD                           |              |
|          |              | *****                                     |              |
|          |              | < CAPACITOR >                             |              |
| C299     | 1-164-159-11 | CERAMIC 0.1uF                             | 50V          |
|          |              | < JACK >                                  |              |
| J299     | 1-764-190-11 | JACK, PIN 3P (VIDEO 3 INPUT) (V909/VE910) |              |
| J299     | 1-779-868-11 | JACK, PIN 3P (VIDEO 3 INPUT) (DE915)      |              |
|          |              | < RESISTOR >                              |              |
| R297     | 1-249-403-11 | CARBON 68 5% 1/4W F                       | (V909/VE910) |
| R298     | 1-249-403-11 | CARBON 68 5% 1/4W F                       | (V909/VE910) |
| R299     | 1-249-403-11 | CARBON 68 5% 1/4W F                       |              |
| R316     | 1-249-417-11 | CARBON 1K 5% 1/4W F                       |              |
| R366     | 1-249-417-11 | CARBON 1K 5% 1/4W F                       |              |
| *****    |              |                                           |              |
| *        | 1-665-784-11 | VIDEO BOARD                               |              |
|          |              | *****                                     |              |
|          |              | < CAPACITOR >                             |              |
| C253     | 1-126-960-11 | ELECT 1uF 20% 50V                         |              |
| C256     | 1-126-960-11 | ELECT 1uF 20% 50V                         |              |
| C258     | 1-126-960-11 | ELECT 1uF 20% 50V                         |              |
| C262     | 1-126-960-11 | ELECT 1uF 20% 50V                         |              |
| C264     | 1-126-964-11 | ELECT 10uF 20% 50V                        |              |
| C265     | 1-126-964-11 | ELECT 10uF 20% 50V                        |              |
| C266     | 1-126-964-11 | ELECT 10uF 20% 50V                        |              |
| C267     | 1-126-960-11 | ELECT 1uF 20% 50V                         |              |

| Ref. No. | Part No.     | Description                                                        | Remarks |
|----------|--------------|--------------------------------------------------------------------|---------|
|          |              | < IC >                                                             |         |
| IC211    | 8-759-061-95 | IC SN761200                                                        |         |
|          |              | < CONNECTOR >                                                      |         |
| CNS215   | 1-695-092-11 | SOCKET, CONNECTOR 7P                                               |         |
|          |              | < JACK >                                                           |         |
| J209     | 1-766-400-11 | JACK, PIN 2P (VIDEO 2)                                             |         |
| J210     | 1-766-399-11 | JACK, PIN 3P (VIDEO 1, MONITOR)                                    |         |
| J211     | 1-766-400-11 | JACK, PIN 2P (VIDEO 3)                                             |         |
|          |              | < TRANSISTOR >                                                     |         |
| Q214     | 8-729-620-05 | TRANSISTOR 2SC2603-EF                                              |         |
| Q215     | 8-729-620-05 | TRANSISTOR 2SC2603-EF                                              |         |
| Q216     | 8-729-620-05 | TRANSISTOR 2SC2603-EF                                              |         |
| Q217     | 8-729-119-76 | TRANSISTOR 2SA1175-HFE                                             |         |
| Q218     | 8-729-119-76 | TRANSISTOR 2SA1175-HFE                                             |         |
| Q219     | 8-729-119-76 | TRANSISTOR 2SA1175-HFE                                             |         |
|          |              | < RESISTOR >                                                       |         |
| R207     | 1-249-409-11 | CARBON 220 5% 1/4W F                                               |         |
| R266     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R268     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R269     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R270     | 1-249-426-11 | CARBON 5.6K 5% 1/4W                                                |         |
| R271     | 1-249-426-11 | CARBON 5.6K 5% 1/4W                                                |         |
| R272     | 1-249-426-11 | CARBON 5.6K 5% 1/4W                                                |         |
| R274     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R275     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R276     | 1-249-419-11 | CARBON 1.5K 5% 1/4W F                                              |         |
| R277     | 1-249-419-11 | CARBON 1.5K 5% 1/4W F                                              |         |
| R278     | 1-249-419-11 | CARBON 1.5K 5% 1/4W F                                              |         |
| R279     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R280     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R281     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R282     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R283     | 1-249-403-11 | CARBON 68 5% 1/4W F                                                |         |
| R288     | 1-249-430-11 | CARBON 12K 5% 1/4W                                                 |         |
| R289     | 1-249-430-11 | CARBON 12K 5% 1/4W                                                 |         |
| R290     | 1-249-430-11 | CARBON 12K 5% 1/4W                                                 |         |
| R2009    | 1-249-409-11 | CARBON 220 5% 1/4W F                                               |         |
| R2010    | 1-249-409-11 | CARBON 220 5% 1/4W F                                               |         |
| *****    |              |                                                                    |         |
| *        | 1-665-788-11 | VOL SEL BOARD (DE915:PX/VE910:E)                                   |         |
|          |              | *****                                                              |         |
|          |              | < CONNECTOR >                                                      |         |
| CNP910   | 1-564-321-00 | PIN, CONNECTOR 2P (DE915:PX/VE910:E)                               |         |
| * CNP911 | 1-564-687-11 | PIN, CONNECTOR 3P (DE915:PX/VE910:E)                               |         |
| * CNP912 | 1-564-687-11 | PIN, CONNECTOR 3P (DE915:PX/VE910:E)                               |         |
|          |              | < SWITCH >                                                         |         |
| △ S902   | 1-571-437-11 | SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (DE915:PX/VE910:E) |         |
| *****    |              |                                                                    |         |

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VOLUME

| Ref. No. | Part No.     | Description                                | Remarks |
|----------|--------------|--------------------------------------------|---------|
| *        | 1-665-774-11 | VOLUME BOARD<br>*****                      |         |
|          |              | < CONNECTOR >                              |         |
| CNP102   | 1-770-388-11 | PIN, CONNECTOR (PC BOARD) 4P               |         |
| CNS402   | 1-569-323-11 | SOCKET, CONNECTOR 19P                      |         |
|          |              | < RESISTOR >                               |         |
| R499     | 1-249-411-11 | CARBON        330        5%        1/4W    |         |
|          |              | < VARIABLE RESISTOR >                      |         |
| RV401    | 1-225-445-11 | RES, VAR, CARBON 100KX6<br>(MASTER VOLUME) |         |
| *****    |              |                                            |         |
|          |              | MISCELLANEOUS<br>*****                     |         |
| 19       | 1-773-174-11 | WIRE (FLAT TYPE) (21 CORE)(46cm)           |         |
| 20       | 1-773-057-11 | WIRE (FLAT TYPE) (17 CORE)                 |         |
| 22       | 1-773-107-11 | WIRE (FLAT TYPE) (19 CORE)(17cm)           |         |
| 57       | 1-773-116-11 | WIRE (FLAT TYPE) (19 CORE)(23cm)           |         |
| 58       | 1-773-174-11 | WIRE (FLAT TYPE) (21 CORE)(9cm)            |         |
| △ 60     | 1-696-847-11 | CORD, POWER (AUS)                          |         |
| △ 60     | 1-769-743-11 | CORD, POWER (US,CND)                       |         |
| △ 60     | 1-769-744-11 | CORD, POWER (EXCEPT US,CND,AUS,CH)         |         |
| △ 60     | 1-782-464-21 | CORD, POWER (CH)                           |         |
| △ 69     | 1-569-008-11 | ADAPTOR, CONVERSION 2P (E,PX)              |         |
| △ CNJ909 | 1-251-416-11 | OUTLET, AC (AC OUTLET) (AUS)               |         |
| △ CNJ909 | 1-526-794-11 | OUTLET, AC (EXCEPT US,CND,AUS,PX,CH)       |         |
| *****    |              |                                            |         |

| Ref. No.     | Part No.     | Description                                                                                                              | Remarks |
|--------------|--------------|--------------------------------------------------------------------------------------------------------------------------|---------|
|              |              | ACCESSORIES & PACKING MATERIALS<br>*****                                                                                 |         |
| 1-475-134-11 |              | REMOTE COMMANDER (RM-P501)                                                                                               |         |
| 1-501-374-11 |              | ANTENNA, LOOP (DE915)                                                                                                    |         |
| 1-501-594-11 |              | ANTENNA (FM) (DE915:AUS)                                                                                                 |         |
| 1-777-172-11 |              | CORD, CONNECTION (DE915:US,CND)                                                                                          |         |
| 3-703-044-26 |              | LABEL, CAUTION (DE915:US,CND)                                                                                            |         |
| 3-810-765-11 |              | MANUAL,COMMONNESS INSTRUCTION<br>(ENGLISH)(DE915:US)                                                                     |         |
| 3-810-765-21 |              | MANUAL,COMMONNESS INSTRUCTION<br>(ENGLISH,FRENCH,GERMAN,SPANISH,DUTCH,<br>SWEDISH,ITALIAN,PORTUGUESE,CHINESE)<br>(DE915) |         |
| 3-860-516-11 |              | MANUAL, INSTRUCTION (ENGLISH)<br>(DE915:US,AUS)                                                                          |         |
| 3-860-516-21 |              | MANUAL, INSTRUCTION (FRENCH)<br>(DE915:CND)                                                                              |         |
| 3-860-516-31 |              | MANUAL, INSTRUCTION (ENGLISH)<br>(DE915:PX)                                                                              |         |
| 3-861-069-11 |              | MANUAL, INSTRUCTION<br>(ENGLISH/FRENCH/DUTCH/SWEDISH)<br>(VE910:AEP,UK,AED,EE)                                           |         |
| 3-861-069-21 |              | MANUAL, INSTRUCTION<br>(GERMAN,SPANISH,ITALIAN,PORTUGUESE)<br>(VE910:AEP,UK,G,AED,EE)                                    |         |
| 3-861-069-41 |              | MANUAL, INSTRUCTION (ENGLISH/CHINESE)<br>(VE910:E,SP,MY)                                                                 |         |
| 3-861-069-51 |              | MANUAL, INSTRUCTION<br>(ENGLISH/CHINESE) (V909)                                                                          |         |
| 4-983-536-01 |              | COVER, BATTERY (for RM-P501)                                                                                             |         |
| *****        |              |                                                                                                                          |         |
|              |              | *****                                                                                                                    |         |
|              |              | HARDWARE LIST<br>*****                                                                                                   |         |
| #1           | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 TT(B)                                                                                              |         |
| #2           | 7-685-872-09 | SCREW +BVTT 3X8 (S)                                                                                                      |         |
| #3           | 7-685-881-09 | SCREW +BVTT 4X8 (S)                                                                                                      |         |

|                                                                                                                                  |                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
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|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|

# STR-DE915/TA-V909/VE910

## SERVICE MANUAL

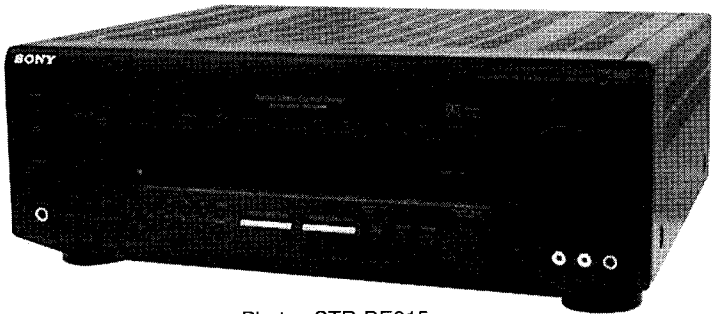


Photo : STR-DE915

US Model  
Canadian Model  
STR-DE915

AEP Model  
UK Model  
E Model  
TA-VE910

Australian Model  
STR-DE915

Chinese Model  
TA-V909

PX Model  
STR-DE915

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### SPECIFICATIONS

#### AUDIO POWER SPECIFICATIONS

#### POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 8-ohm load, both  
channels driven, from 20 -  
20,000 Hz, rated 100 watts  
per channel, minimum RMS  
power, with no more than  
0.09% total harmonic  
distortion from 250  
milliwatts to rated output  
(USA model only).

#### Amplifier section POWER OUTPUT

**Stereo mode** (8 ohms 20 Hz - 20 kHz,  
THD 0.09%)  
100 W + 100 W

**Surround mode** (8 ohms at 1 kHz, THD  
0.8%)

Front: 100 W/ch  
Center\*: 100W  
Rear\*: 100 W/ch

\* Depending on the sound  
field settings and the  
source, sound will not be  
output.

#### Dynamic power output

155 W + 155 W, 8 ohms  
220 W + 220 W, 4 ohms

#### Harmonic distortion at rated output

Less than 0.09% (with  
DIRECT PASS on)

#### Frequency response

PHONO: RIAA  
equalization curve  
 $\pm 0.5$  dB  
CD, TAPE, DAT/MD,  
VIDEO 1, 2, :  
10 Hz - 50 kHz  $\pm 2$  dB (with  
DIRECT PASS on)

#### Inputs

|                                              | Sensitivity | Impedance     | S/N<br>(weighting<br>network,<br>input level) |
|----------------------------------------------|-------------|---------------|-----------------------------------------------|
| PHONO                                        | 2.5 mV      | 50<br>kilohms | 75 dB*<br>(A, 2.5 mV)                         |
| CD, TAPE, DAT/MD,<br>TUNER,<br>VIDEO 1, 2, 3 | 150 mV      | 50<br>kilohms | 82 dB*<br>(A, 150 mV)                         |
| LD/DVD,<br>TV/DBS                            |             |               |                                               |
| LD/DVD<br>AC-3 RF                            | —           | 75 $\Omega$   | 100 dB<br>(A, 20 kHz,<br>LPF)                 |
| LD/DVD, CD,<br>DAT/MD<br>OPTICAL             | —           | —             | 100 dB<br>(A, 20 kHz,<br>LPF)                 |

\* 78 IHF

— Continued on next page —

**RTV servis Horvat**

Kešinci, 31402 Semeljci

031-856-139

031-856-637

098-788-319

[rtv-servis-horvat@os.tel.hr](mailto:rtv-servis-horvat@os.tel.hr)

Croatia

STR-DE915

**FM STEREO/FM-AM RECEIVER**

TA-V909/VE910

**INTEGRATED AV AMPLIFIER**



**SONY®**

**Outputs** VIDEO 1, 2 AUDIO OUT:  
Voltage: 150 mV,  
Impedance: 10 kilohms  
WOOFER:  
Voltage: 2 V  
Impedance: 1 kilohms  
PHONES:  
Accepts low and high  
impedance headphones

**BASS BOOST** +6 dB at 50 Hz

### Digital signal processor section

#### Modulation (A/D conversion)

High Density Linear  
Converter

#### Demodulation (D/A conversion)

High Density Linear  
Converter (Advanced  
pulse D/A converter)

#### Sampling frequency

48 kHz

#### Surround

LFE MIX:  
MUTE, -20 - 0 dB, 0.5 dB  
step  
D. RANGE COMP:  
OFF, 0.1 - 0.9, STD, MAX  
REAR level:  
-20 - +10 dB, 0.5 dB step  
CENTER level:  
-20 - +10 dB, 0.5 dB step  
SUB WOOFER level:  
-20 - +10 dB, 0.5 dB step  
EFFECT:  
21-step adjustable  
WALL:  
17-step adjustable  
SEAT F/R:  
17-step adjustable  
SEAT L/R:  
17-step adjustable  
REBERB time:  
17-step adjustable  
Depending on the sound  
field, some parameters  
may not be adjustable

#### Equalizer

BAND: BASS/TREBLE  
Turnover frequency:  
Bass: 99 Hz - 992 Hz  
Treble: 1.0 kHz - 8.6 kHz  
Level:  $\pm 10$  dB, 0.5 dB step

### FM tuner section (STR-DE915)

**Tuning range** 87.5 - 108.0 MHz

#### Antenna terminals

75 ohms, unbalanced

#### Sensitivity

Mono: 18.3 dBf, 4.5  $\mu$ V  
Stereo: 38.3 dBf, 45  $\mu$ V

#### Usable sensitivity

11.2 dBf, 2  $\mu$ V (IHF)

#### S/N

Mono: 76 dB  
Stereo: 70 dB

#### Harmonic distortion at 1 kHz

Mono: 0.3%  
Stereo: 0.5%

#### Separation

45 dB at 1 kHz

#### Frequency response

30 Hz - 15 kHz  $\pm 2.5$  dB

#### Selectivity

60 dB at 400 kHz

### AM tuner section (STR-DE915)

#### Tuning range

With 10 kHz interval:  
530 - 1710 kHz (US, PX and  
Canadian model only\*\*)  
530 - 1610 kHz (models for  
all other countries except  
for Australia)  
With 9 kHz interval:  
531 - 1710 kHz (US, PX and  
Canadian model only)  
531 - 1602 kHz (Australian  
model and models for all  
other countries\*\*)

#### Antenna

Loop antenna

#### Usable sensitivity

50 dB/m (at 1,000 kHz or  
999 kHz)

#### S/N

54 dB (at 50 mV/m)

#### Harmonic distortion

0.5 % (50 mV/m,  
400 kHz)

#### Selectivity

At 9 kHz: 35 dB  
At 10 kHz: 40 dB

\*\* You can change the AM tuning  
interval to 9 kHz (US, PX and Canadian  
model only) or to 10 kHz (models for  
all other countries except for  
Australia). After tuning in any AM  
station, turn off the receiver. Hold  
down the PRESET TUNING + button  
and press the POWER button. All  
preset stations will be erased when  
you change the interval. To reset the  
interval to 10 kHz (or 9 kHz), repeat  
the procedure.

### Video section

#### Inputs

1 Vp-p 75 ohms

#### Outputs

1 Vp-p 75 ohms

### General

#### System

Tuner section: (STR-DE915)  
PLL quartz-locked digital  
synthesizer system  
Preamplifier section:  
Low-noise NF type  
equalizer  
Power amplifier section:  
Pure-complementary SEPP

### Power requirements

US and Canadian models:  
120 V AC, 60 Hz  
Australian model:  
240 V AC, 50 Hz  
E, PX models:  
120/240/220 V AC  
selectable, 50/60 Hz  
AEP, UK, German,  
East European,  
North European models:  
230 V AC, 50 / 60 Hz  
Singapore, Chinese,  
Malaysia models:  
220 - 230 V AC, 50 / 60 Hz

### Power consumption

Canadian model: 480 VA  
Other models: 290 W

### AC outlets

US, Canadian, PX, Chinese  
models:  
2 switched, total  
120 W  
Other models:  
1 switched, maximum  
100 W

### Dimensions

430  $\times$  155  $\times$  350 mm  
(17  $\times$  6  $\frac{1}{8}$   $\times$  13  $\frac{7}{8}$  inches)  
including projecting parts  
and controls

### Mass (Approx.)

STR-DE915: 11.2 kg  
(24 lb 10oz)  
TA-V909/VE910: 9.8 kg  
(21 lb 9oz)

Design and specifications are subject to  
change without notice.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

- 1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

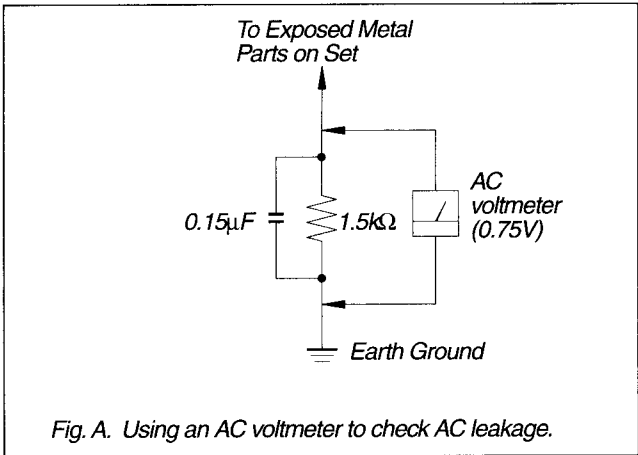


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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  $\triangle$  OR DOTTED LINE WITH MARK  $\triangle$  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE  $\triangle$  SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

# SECTION 1 GENERAL

## LOCATION AND FUNCTION OF CONTROLS [FRONT PANEL]

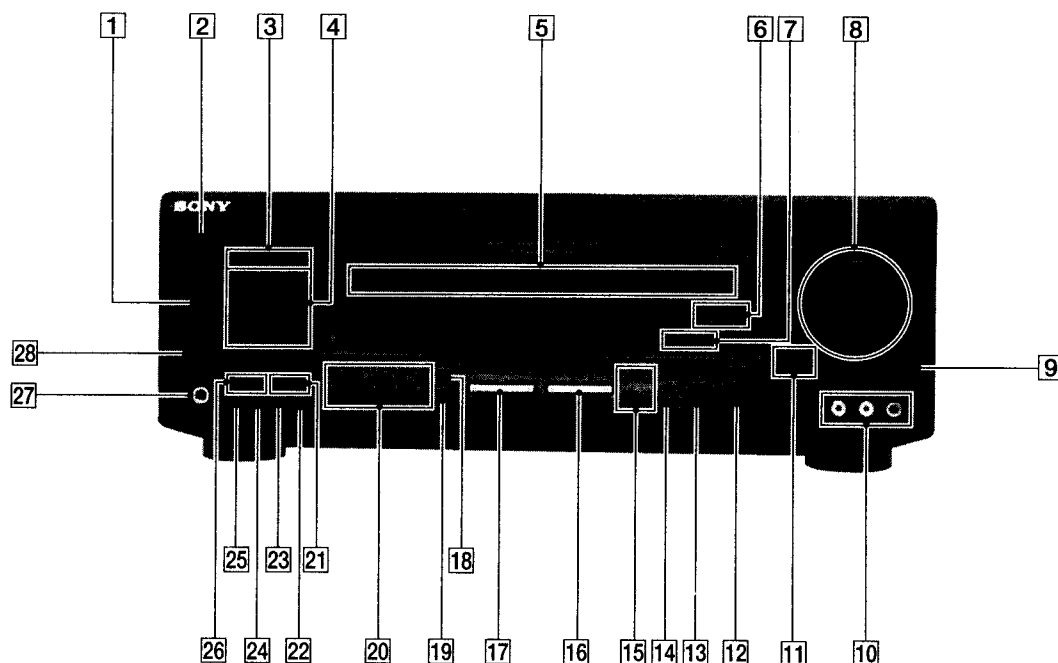
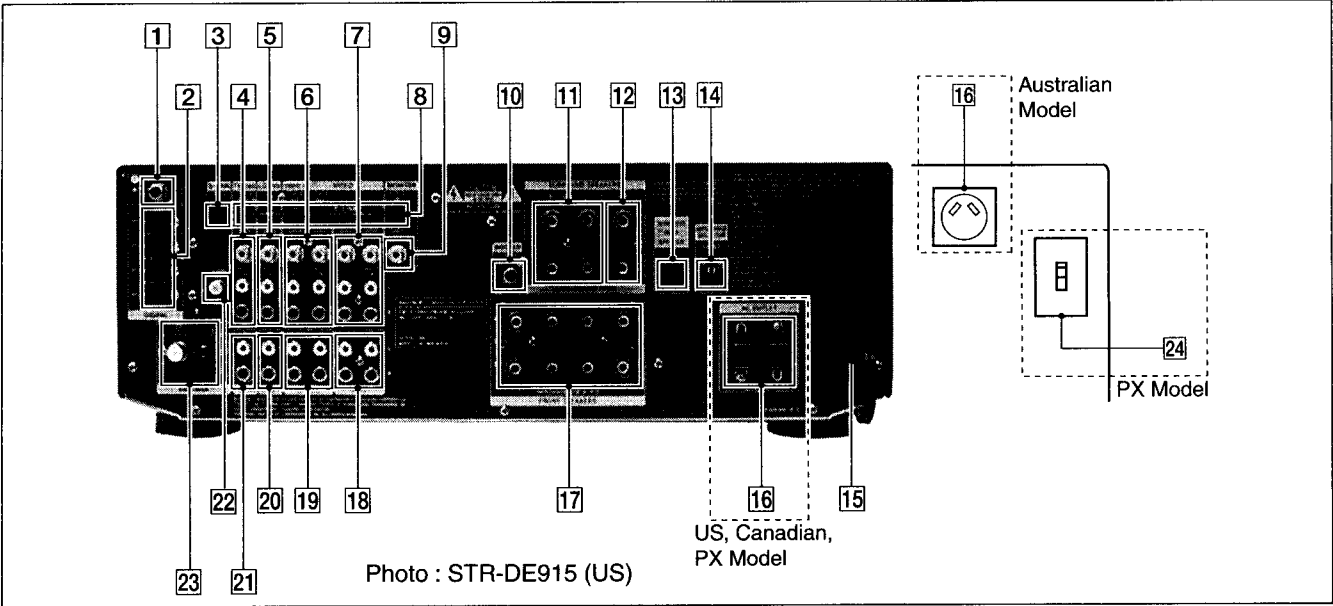


Photo : STR-DE915 (US)

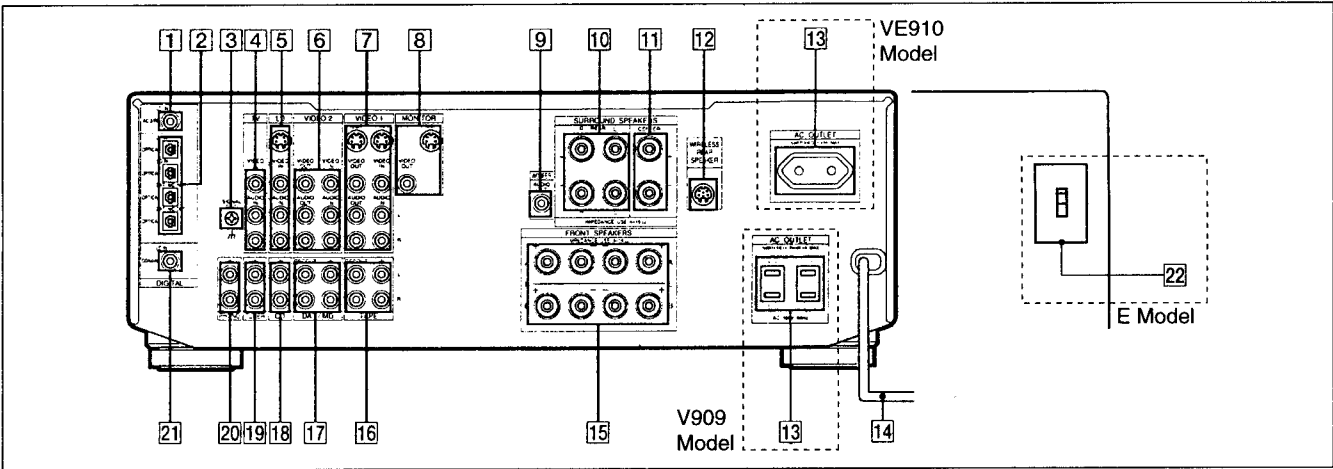
- |                                                   |                                                  |
|---------------------------------------------------|--------------------------------------------------|
| <b>1</b> DPC MODE button                          | <b>16</b> AUDIO FUNCTION buttons                 |
| <b>2</b> POWER switch                             | <b>17</b> VIDEO FUNCTION buttons                 |
| <b>3</b> SUR, TONE, INDEX indicators              | <b>18</b> DIRECT button (STR-DE915)              |
| <b>4</b> Digital processing control buttons       | <b>19</b> SHIFT button (STR-DE915)               |
| <b>5</b> Function indicators                      | <b>20</b> Numeric buttons (STR-DE915)            |
| <b>6</b> DIRECT PASS indicator                    | <b>21</b> PRESET TUNING +, - buttons (STR-DE915) |
| <b>7</b> DISCRETE indicator                       | <b>22</b> MEMORY button (STR-DE915)              |
| <b>8</b> MASTER VOLUME control                    | <b>23</b> DISPLAY button                         |
| <b>9</b> BALANCE control                          | <b>24</b> FM/AM button (STR-DE915)               |
| <b>10</b> VIDEO 3 INPUT jack                      | <b>24</b> DIMMER button (TA-V909/VE910)          |
| <b>11</b> BASS BOOST button/indicator             | <b>25</b> FM MODE button (STR-DE915)             |
| <b>12</b> SOUND FIELD ON/OFF button               | <b>26</b> TUNING +, - buttons (STR-DE915)        |
| <b>13</b> MODE button                             | <b>27</b> PHONES jack                            |
| <b>14</b> GENRE button                            | <b>28</b> SPEAKERS switch                        |
| <b>15</b> DIRECT PASS, SET UP, INPUT MODE buttons |                                                  |

[REAR PANEL]  
STR-DE915 MODEL



- |    |                                       |    |                                                                       |
|----|---------------------------------------|----|-----------------------------------------------------------------------|
| 1  | LD/DVD IN AC-3 RF                     | 13 | WIRELESS REAR SPEAKER                                                 |
| 2  | LD/DVD IN/CD/IN/DAT/MD IN/OUT OPTICAL | 14 | IMPEDANCE SELECTOR                                                    |
| 3  | S-LINK CTRL A1 (US, Canadian model)   | 15 | AC power cord                                                         |
| 4  | TV/DBS (US, Canadian model)           | 16 | AC OUTLET (Outlet shape and position varies according to destination) |
| 5  | LD/DVS (US, Canadian model)           | 17 | FRONT SPEAKERS (A/B)                                                  |
| 5  | LD (PX, Australian model)             | 18 | TAPE                                                                  |
| 6  | VIDEO 2 (US, Canadian model)          | 19 | DAT/MD                                                                |
| 7  | VIDEO 1                               | 20 | CD                                                                    |
| 8  | CTRL S (US, Canadian model)           | 21 | PHONO                                                                 |
| 9  | MONITOR                               | 22 | h SIGNALGND                                                           |
| 10 | WOOFER                                | 23 | ANTENNA (AM/FM)                                                       |
| 11 | SURROUND SPEAKERS (REAR)              | 24 | VOLTAGE SELECTOR (PX model)                                           |
| 12 | SURROUND SPEAKERS (CENTER)            |    |                                                                       |

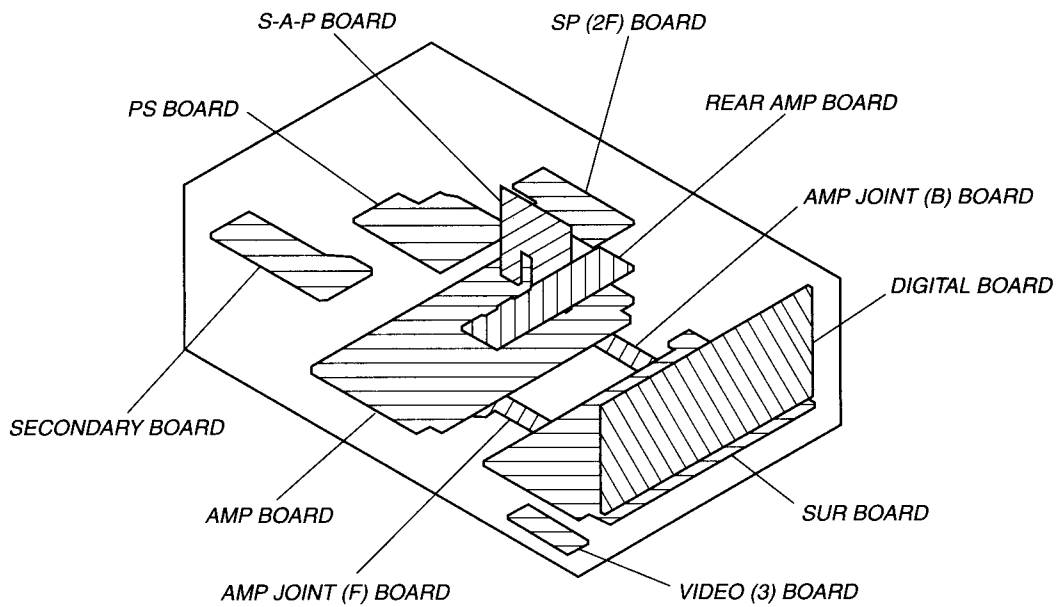
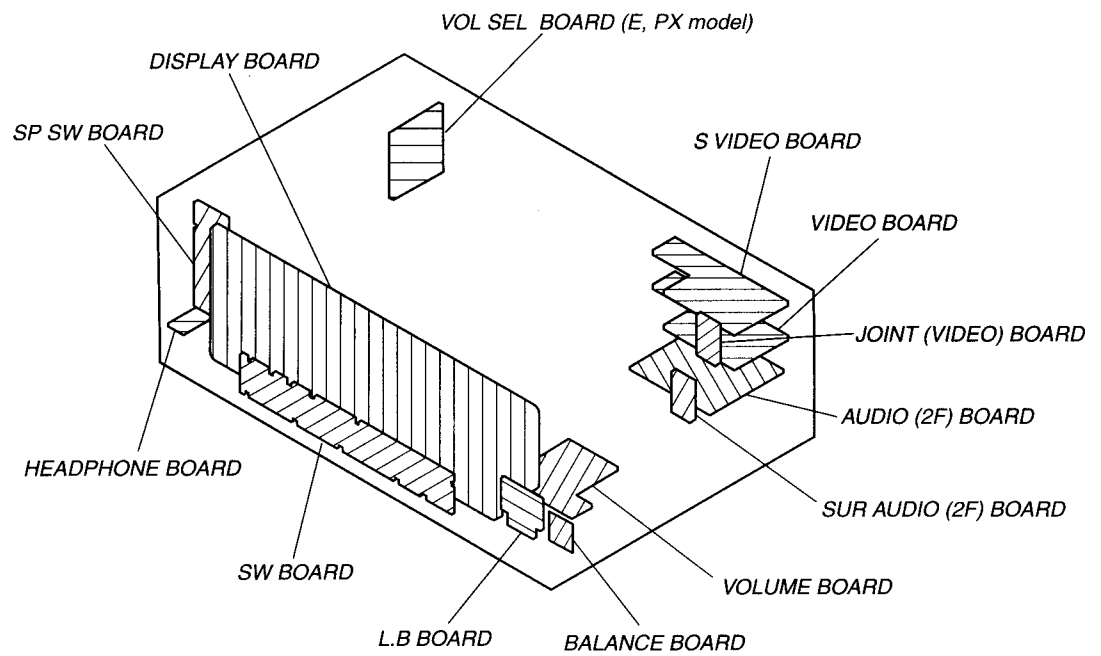
TA-V909/VE910 MODEL



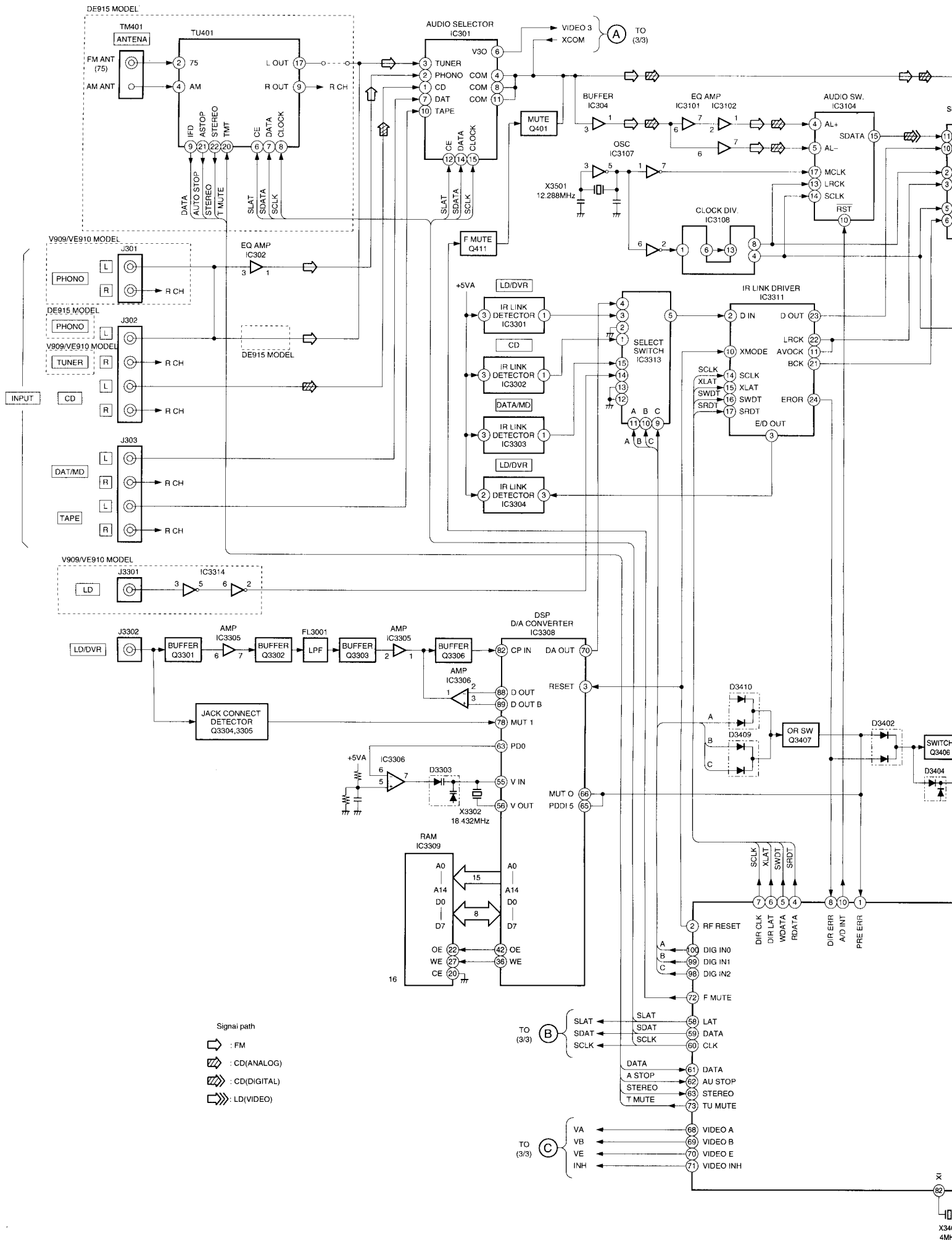
- |    |                                       |    |                            |
|----|---------------------------------------|----|----------------------------|
| 1  | DVD/LD IN AC-3 RF                     | 12 | WIRELESS REAR SPEAKER      |
| 2  | DVD/LD IN/CD IN/DAT/MD IN/OUT OPTICAL | 13 | AC OUTLET                  |
| 3  | h SIGNALGND                           | 14 | AC power cord              |
| 4  | TV                                    | 15 | FRONT SPEAKERS (A/B)       |
| 5  | LD/DVD                                | 16 | TAPE                       |
| 6  | VIDEO 2                               | 17 | DAT/MD                     |
| 7  | VIDEO 1                               | 18 | CD                         |
| 8  | MONITOR                               | 19 | TUNER                      |
| 9  | WOOFER                                | 20 | PHONO                      |
| 10 | SURROUND SPEAKERS (REAR)              | 21 | DVD/LD IN COAXIAL          |
| 11 | SURROUND SPEAKERS (CENTER)            | 22 | VOLTAGE SELECTOR (E model) |
- \* : DVD (STR-DE915/TA-V909 Model)

SECTION 2  
DIAGRAMS

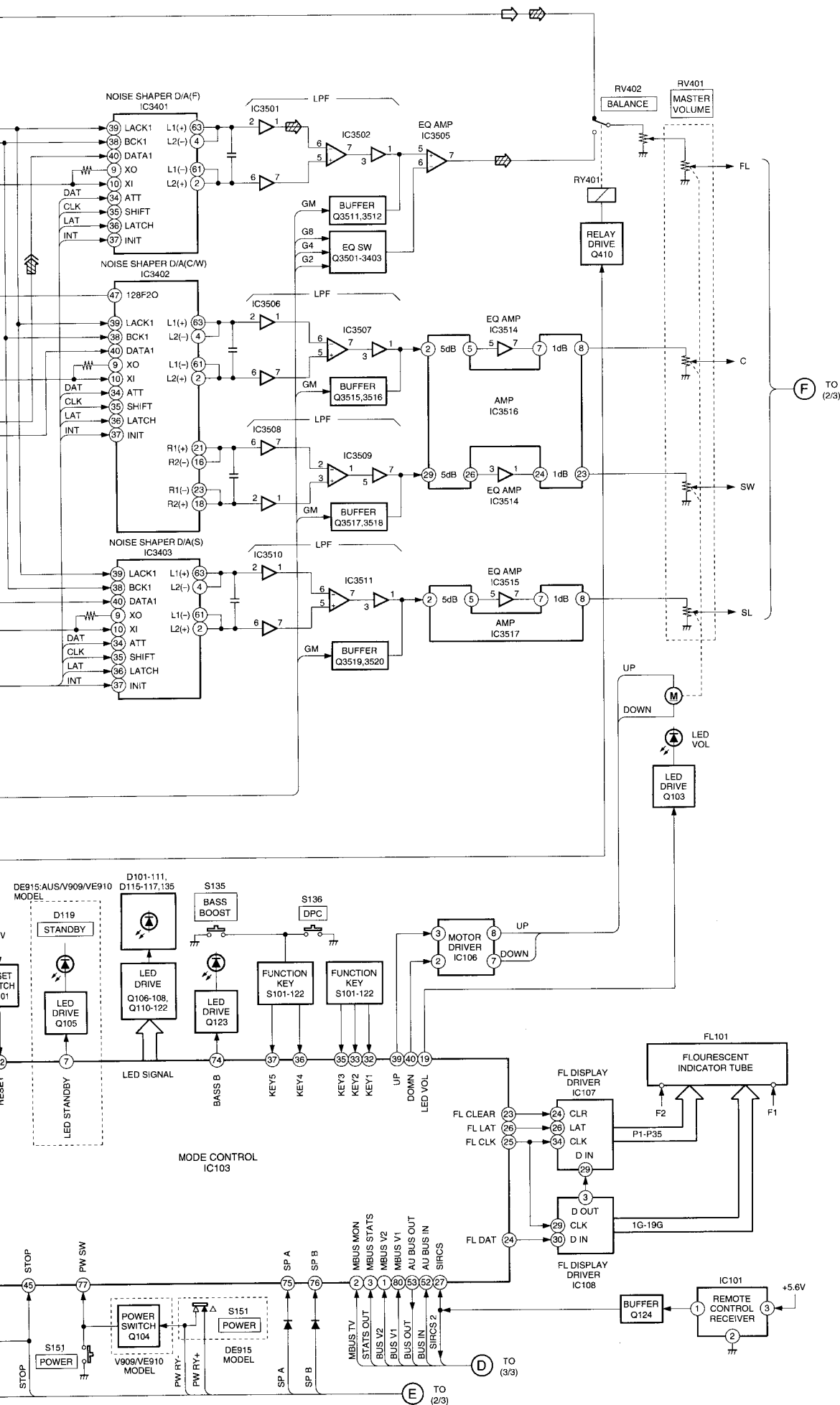
2-1. CIRCUIT BOARDS LOCATION



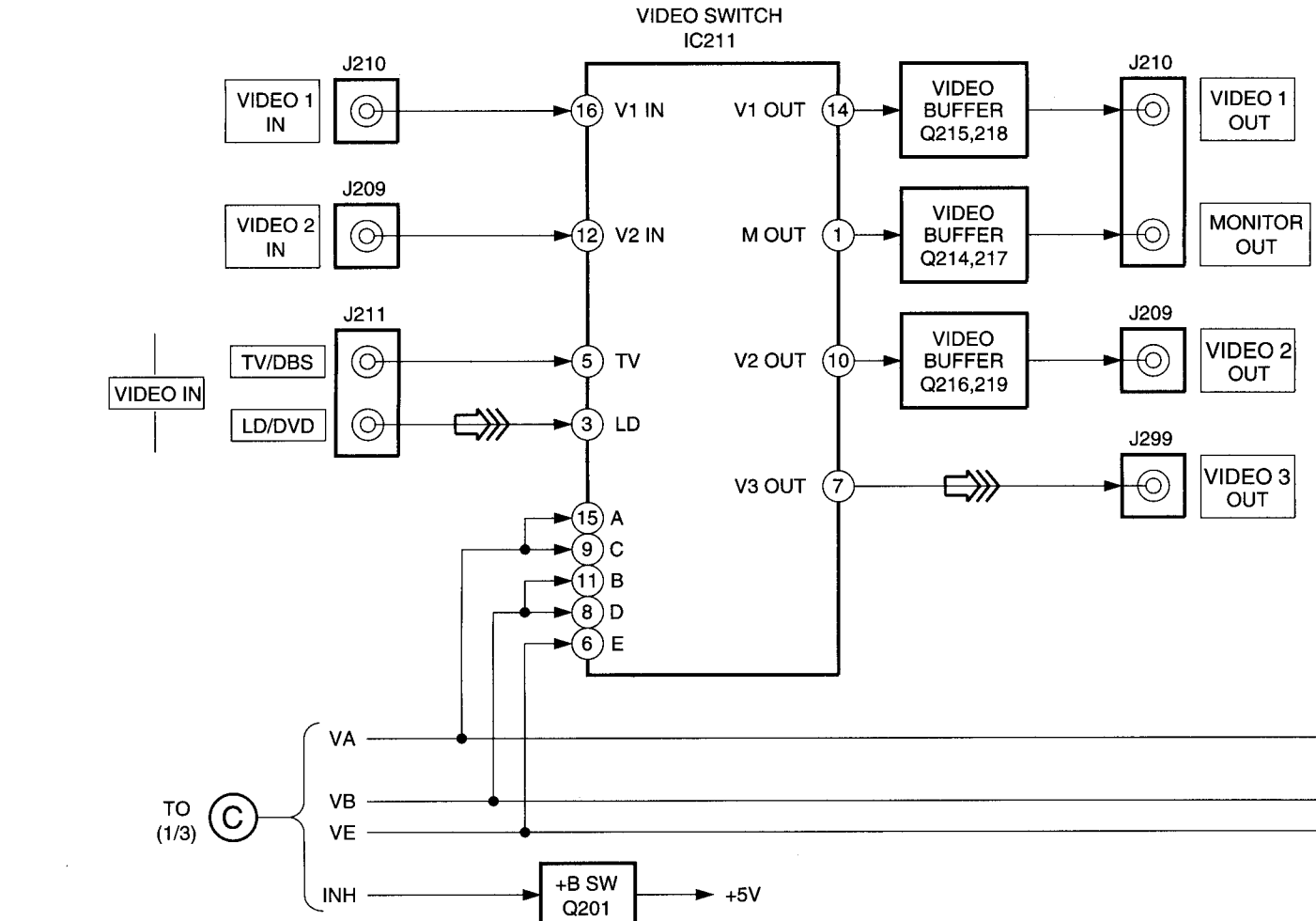
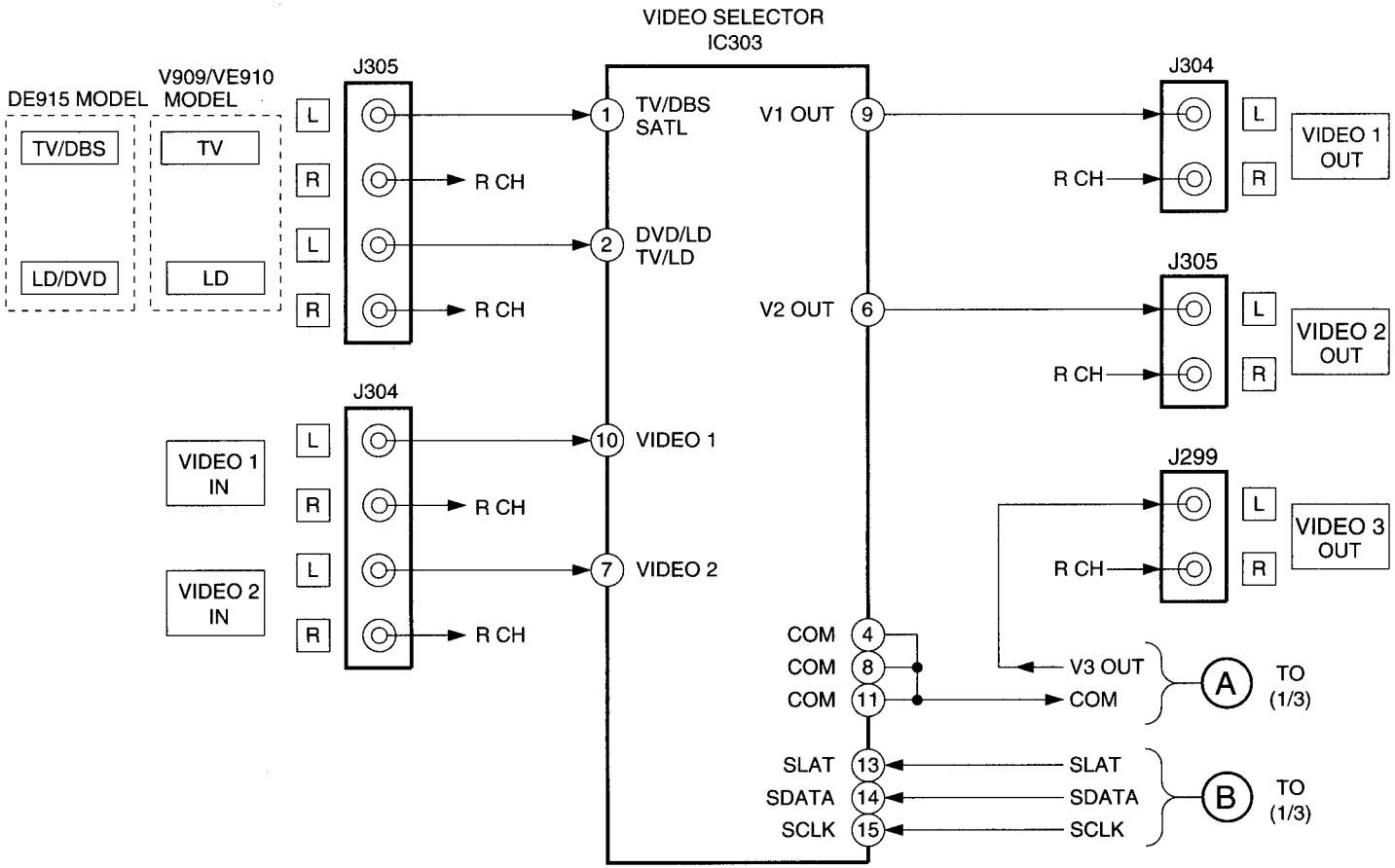
## 2-2. BLOCK DIAGRAM — MAIN SECTION —



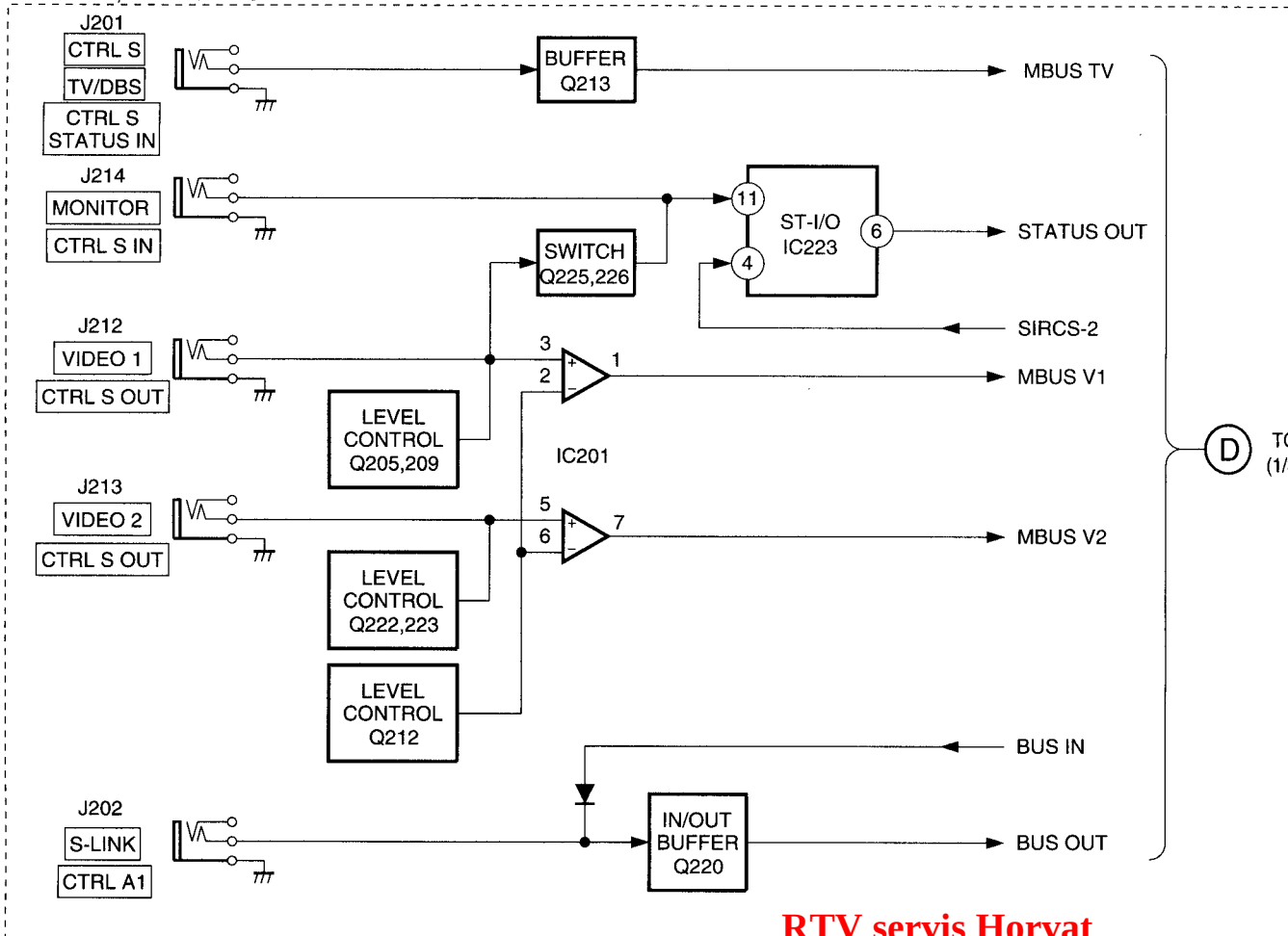




2-3. BLOCK DIAGRAM — VIDEO IN/OUT SECTION —



# DE915:US,Canadian MODEL



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031-856-139

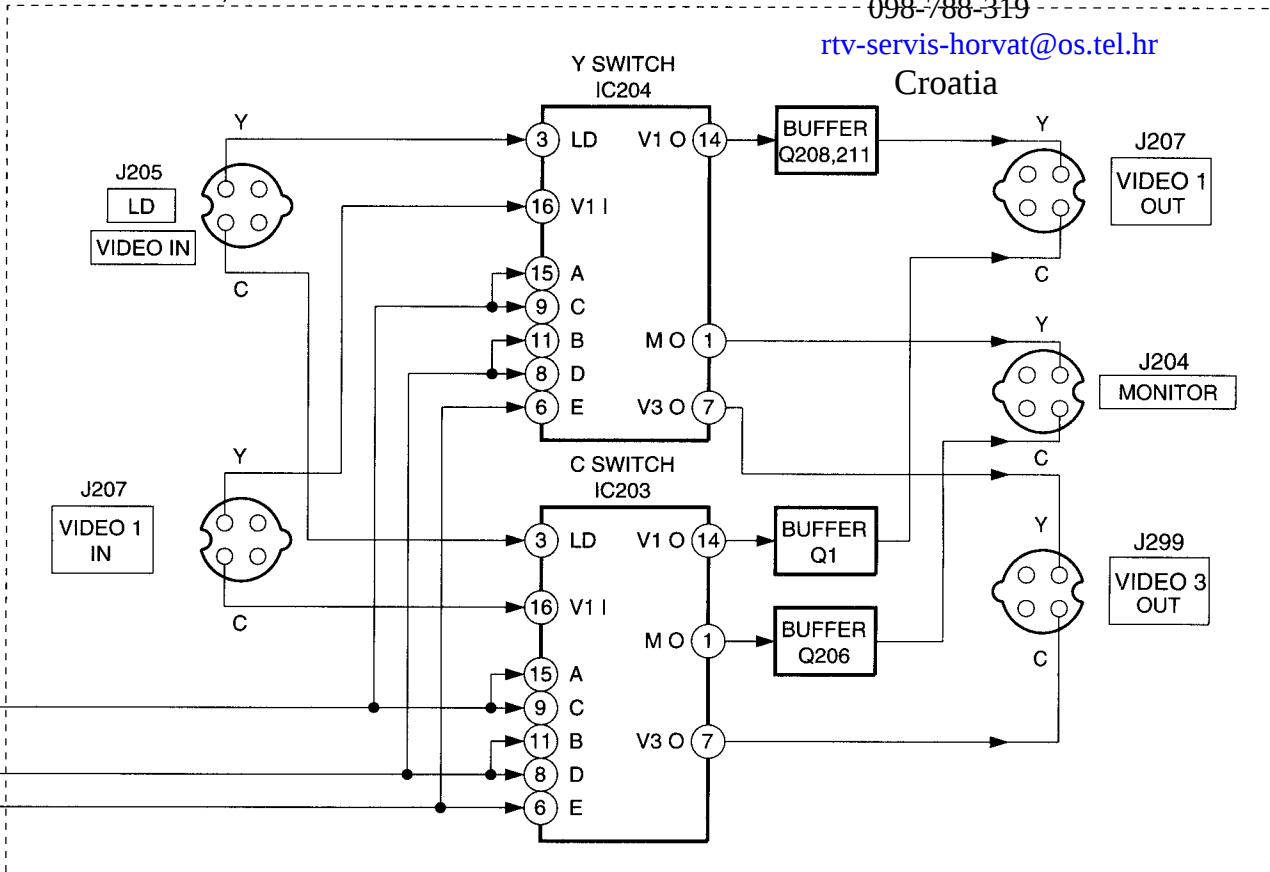
031-856-637

098-788-319

[rtv-servis-horvat@os.tel.hr](mailto:rtv-servis-horvat@os.tel.hr)

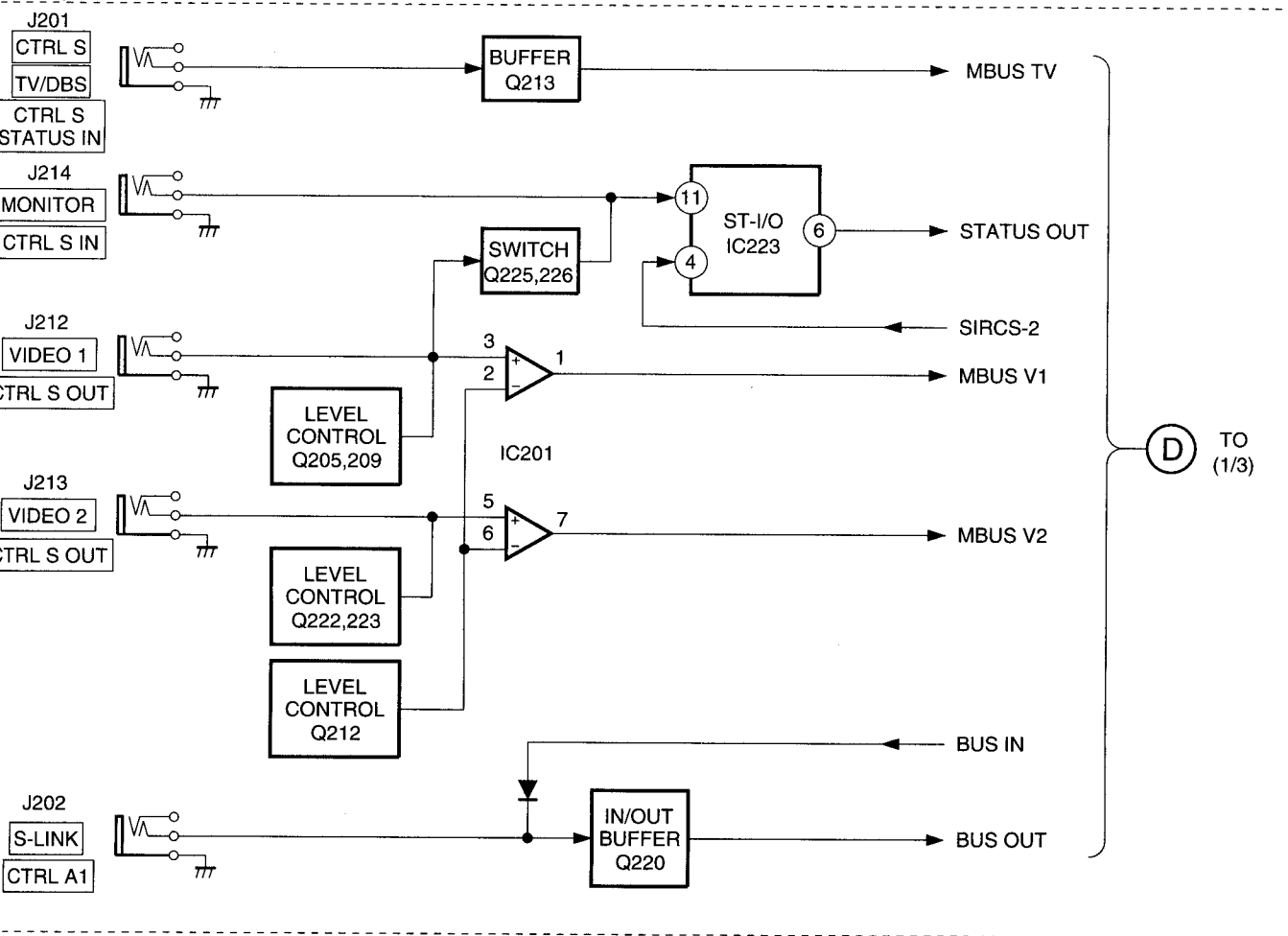
Croatia

## EXCEPT DE915:US, Canadian MODEL

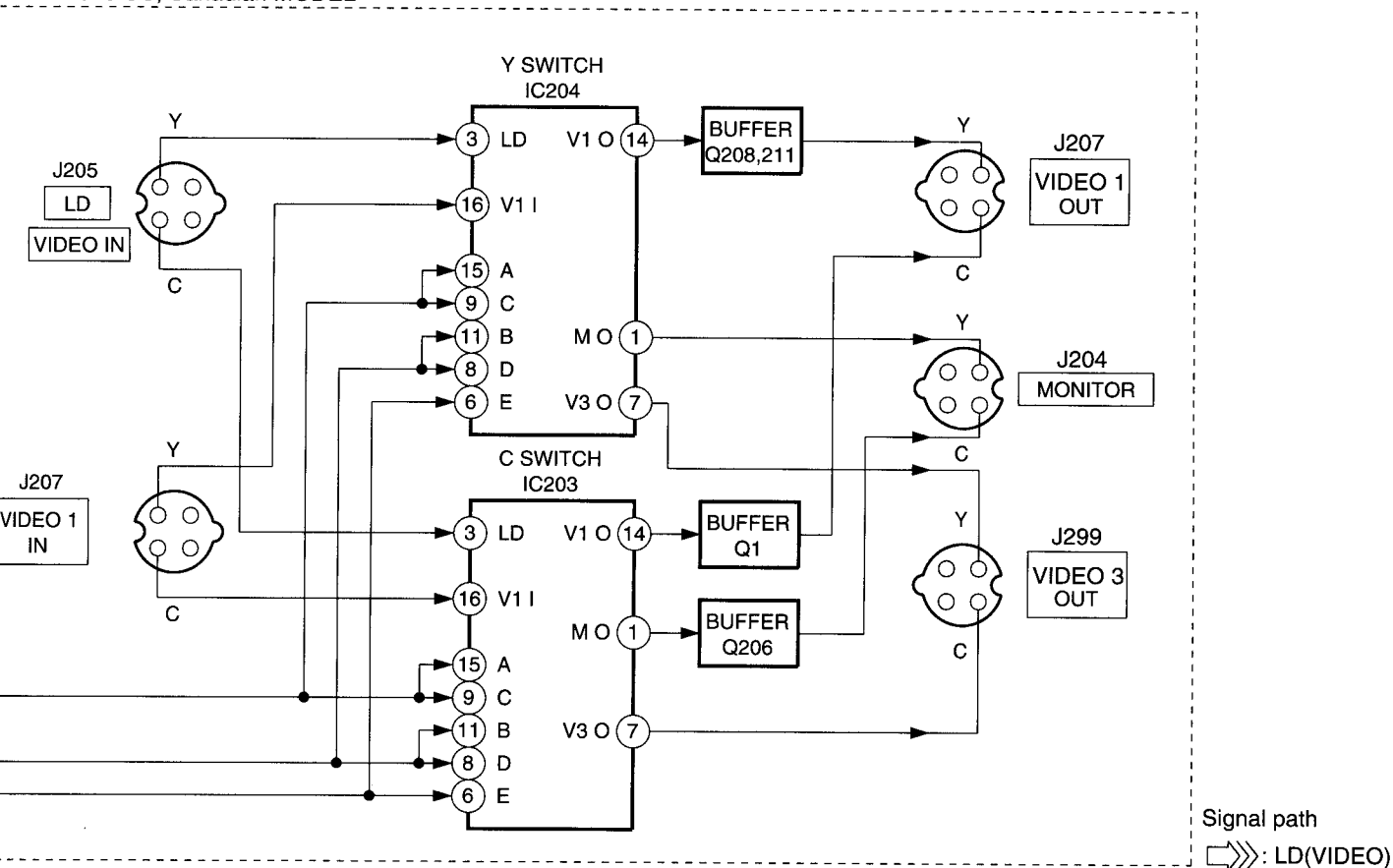


Signal  
➡➡➡

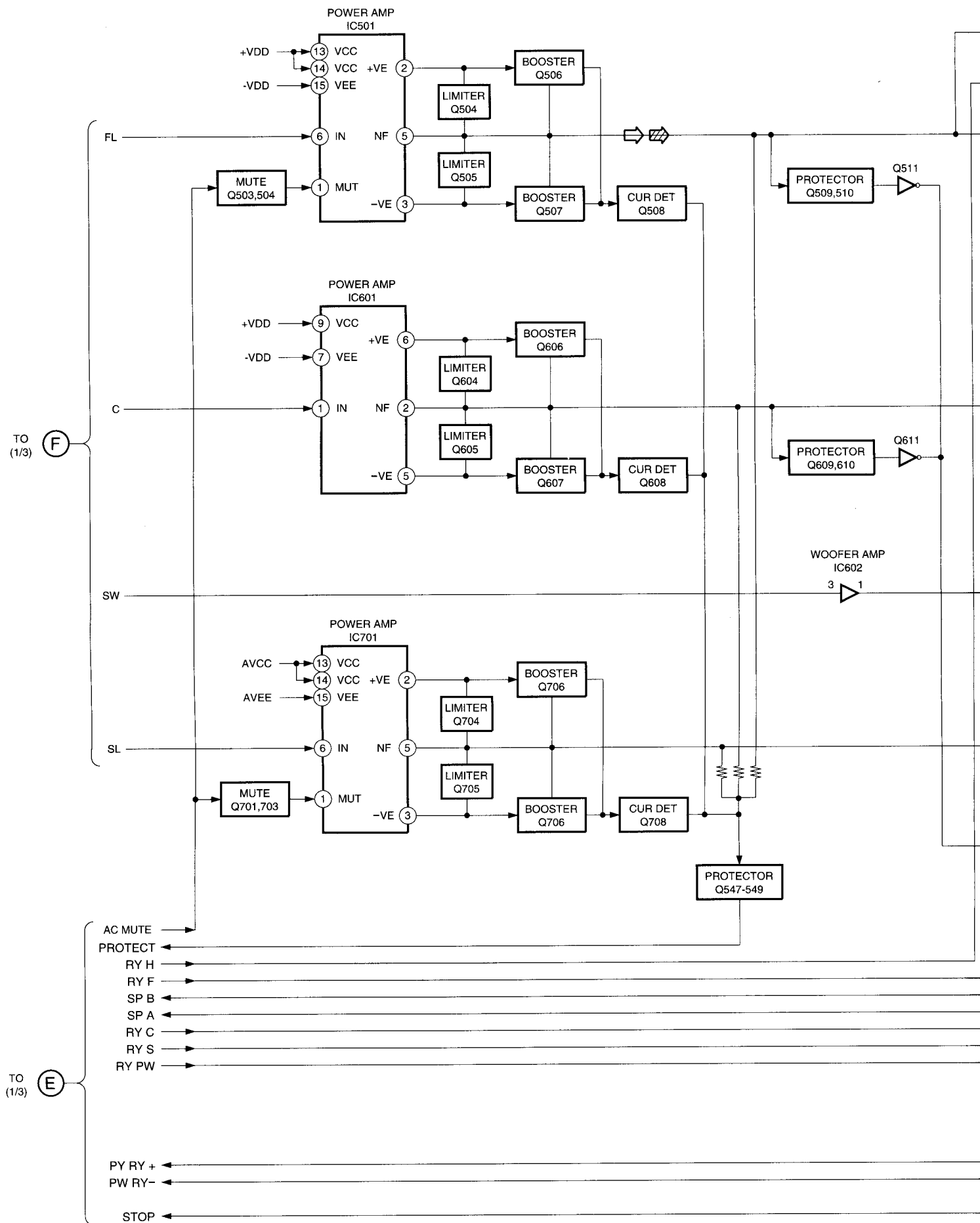
# 15:US,Canadian MODEL

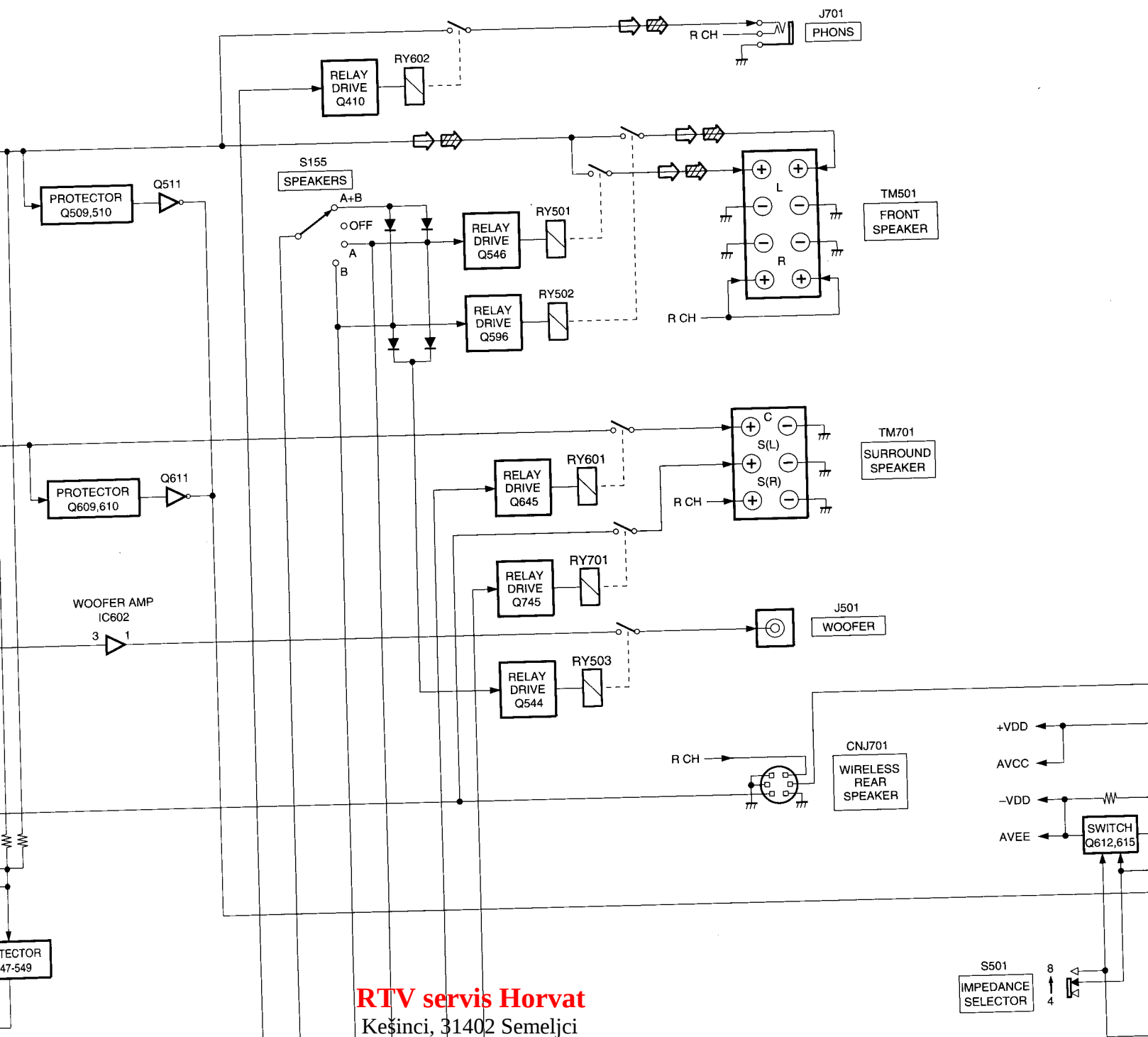


# EPT DE915:US, Canadian MODEL



## 2-4. BLOCK DIAGRAM —POWER SECTION —





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Kešinci, 31402 Semeljci

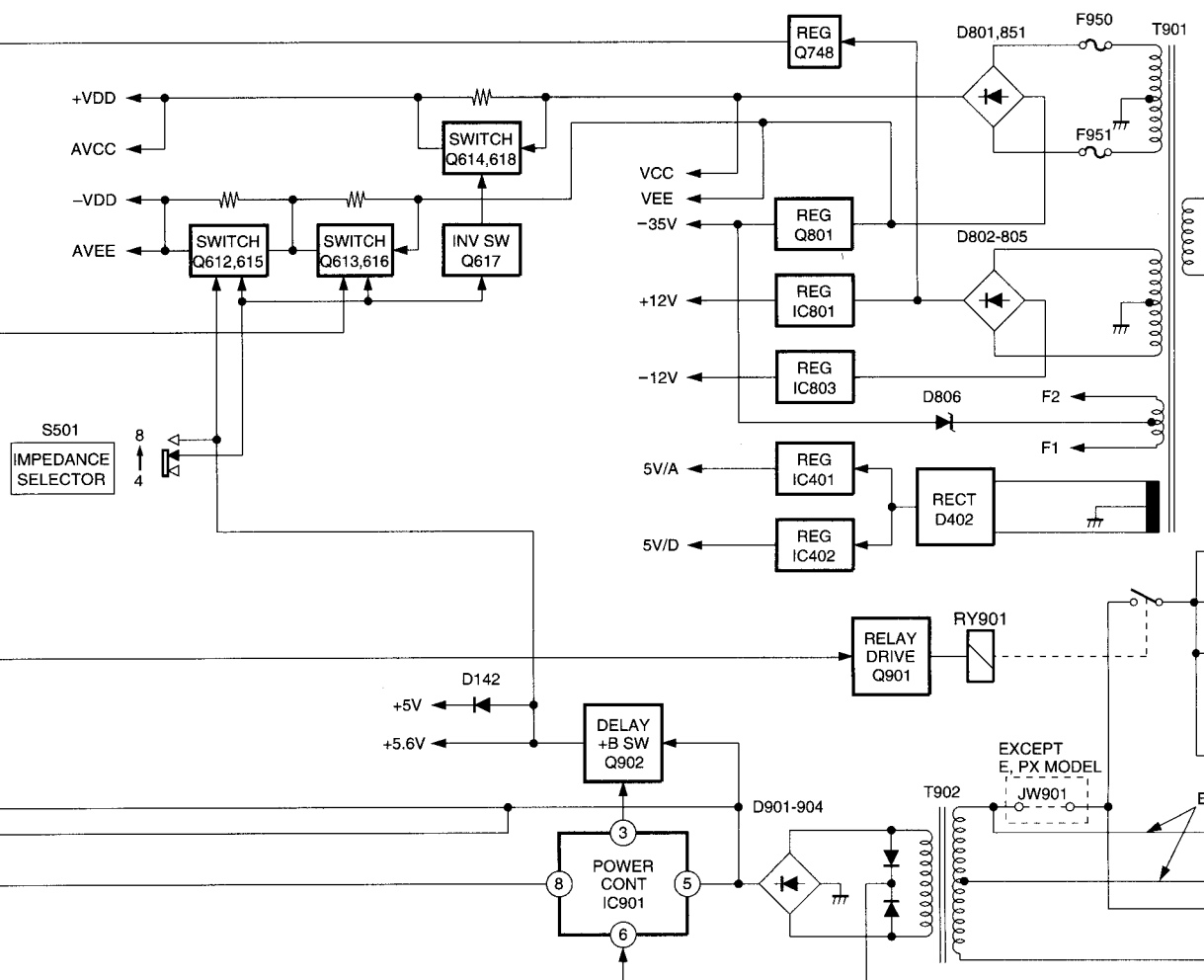
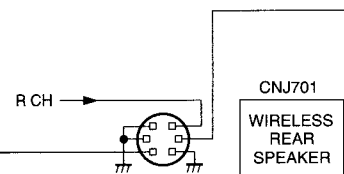
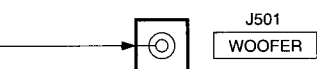
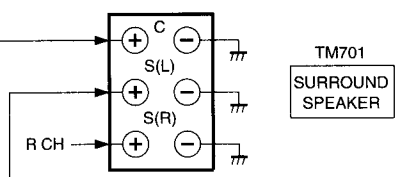
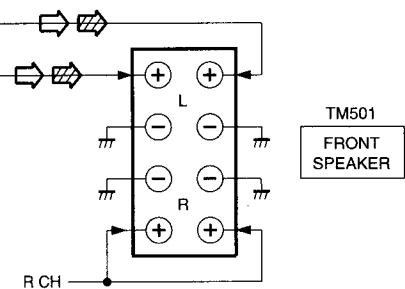
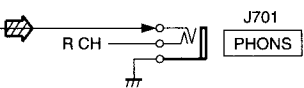
031-856-139

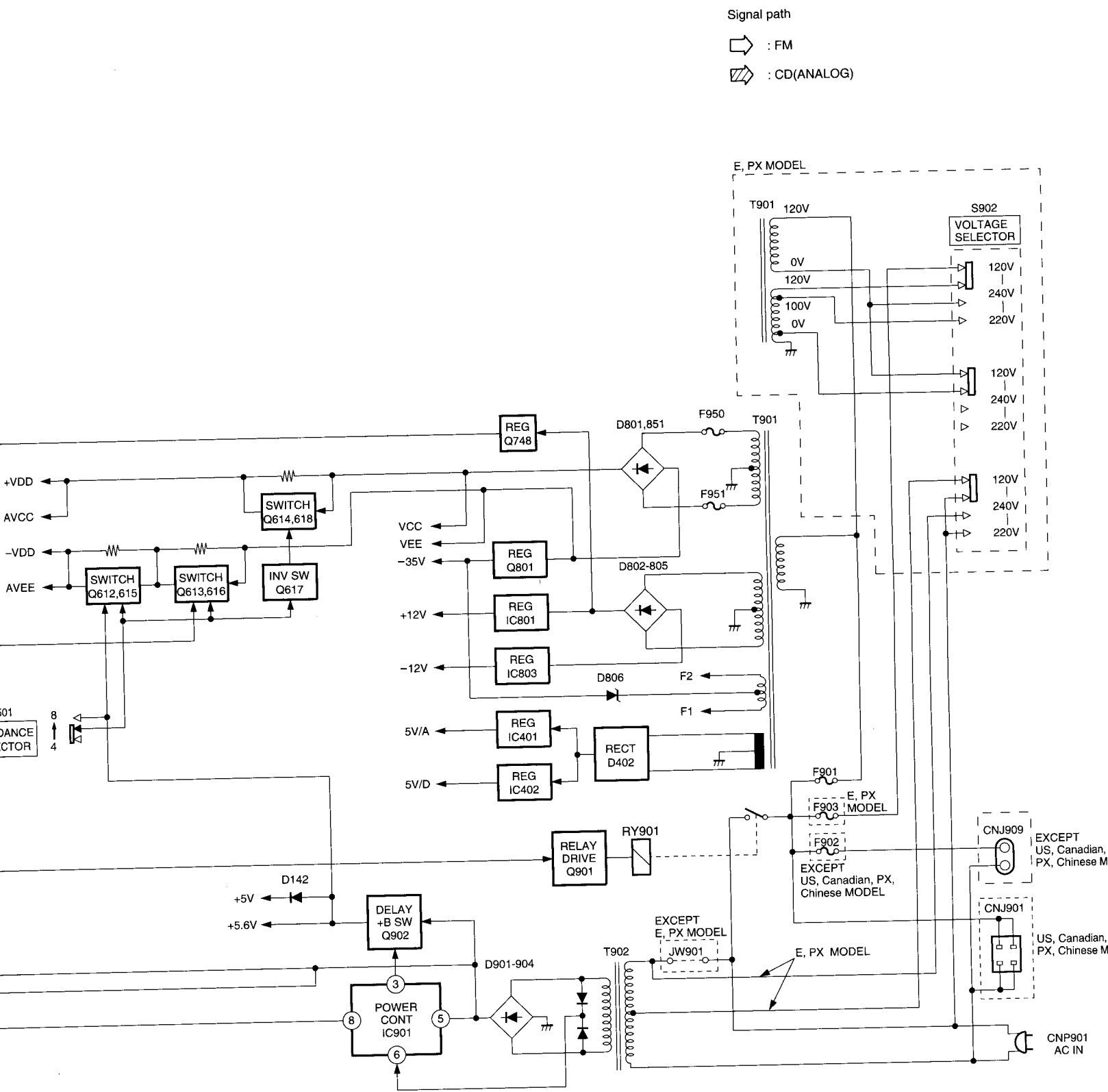
031-856-637

098-788-319

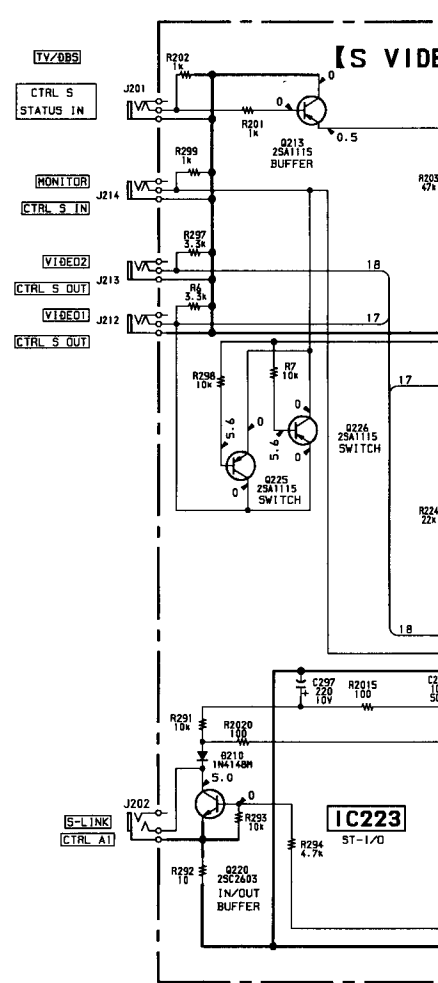
[rtv-servis-horvat@os.tel.hr](mailto:rtv-servis-horvat@os.tel.hr)

Croatia



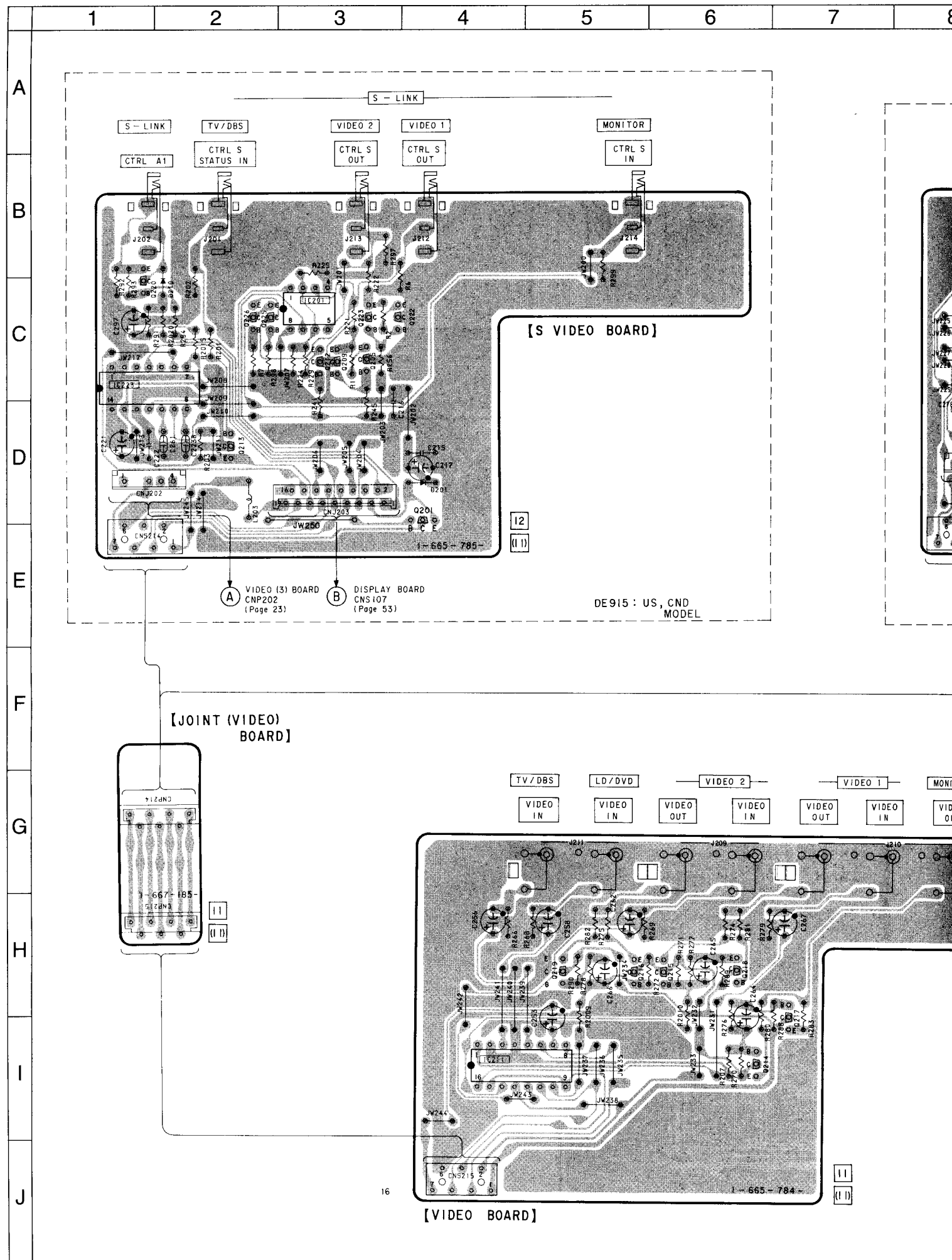


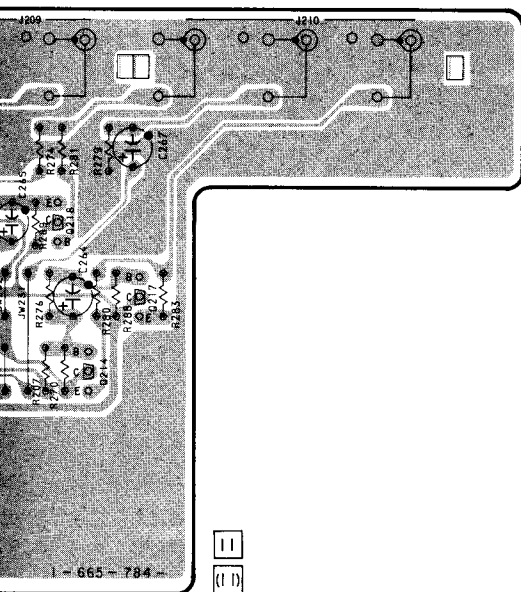
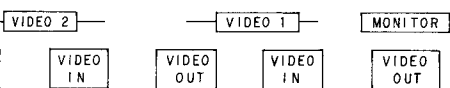
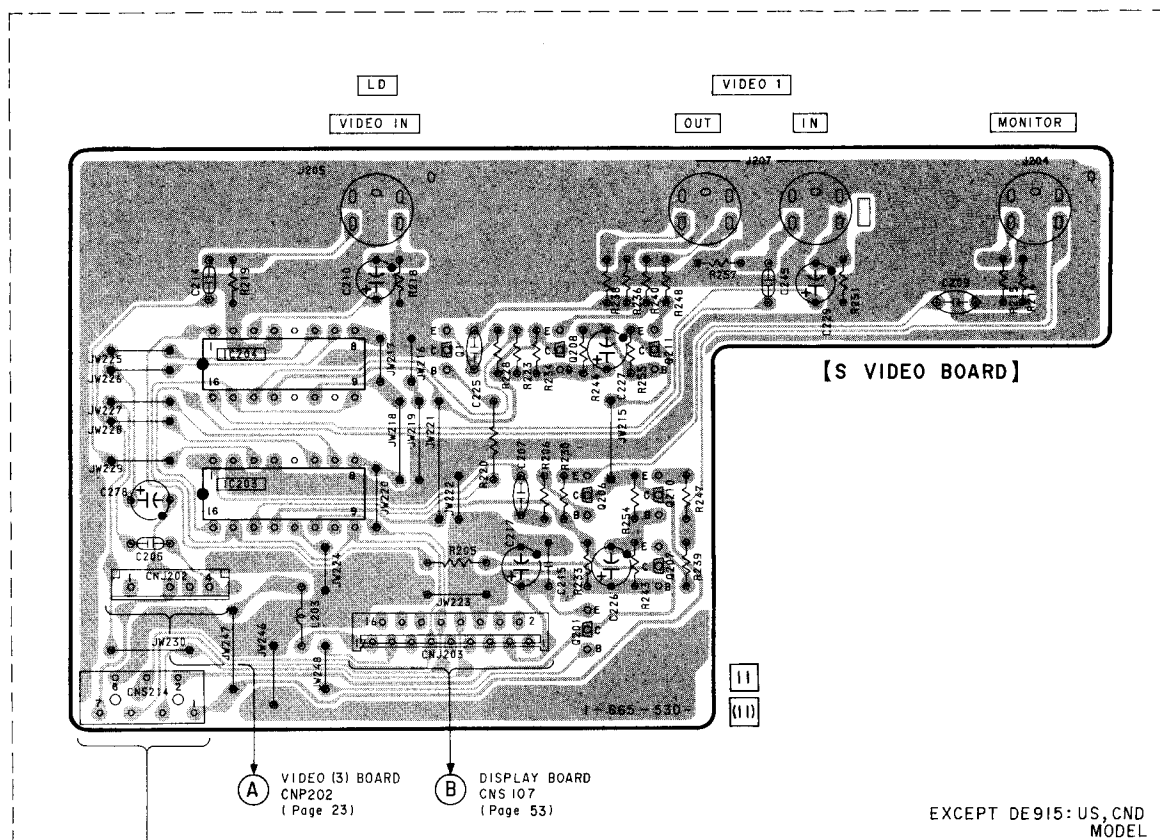


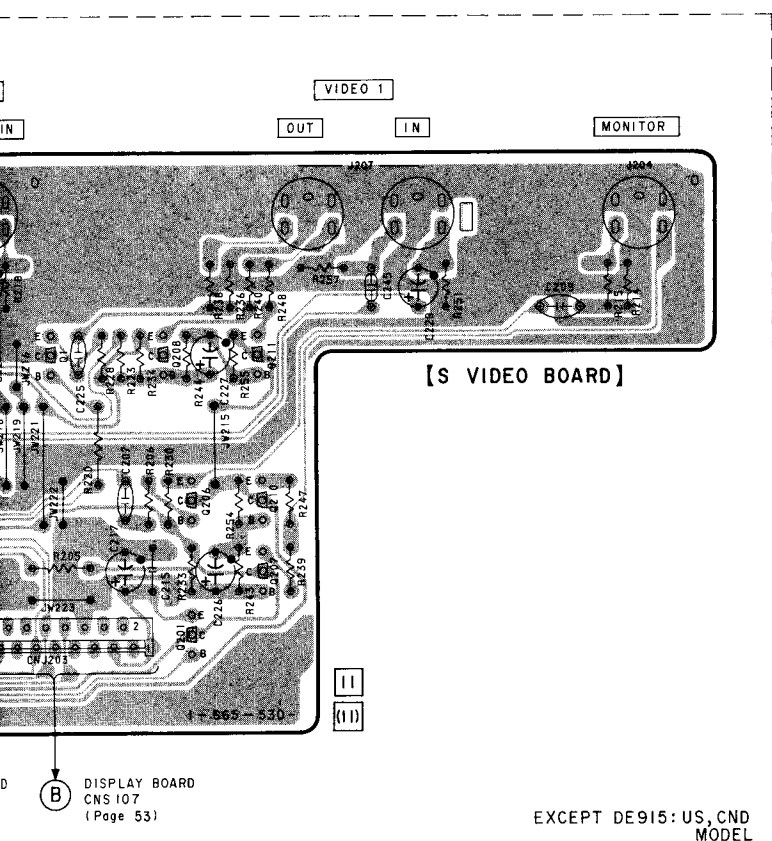




## 2-6. PRINTED WIRING BOARD — VIDEO SECTION —







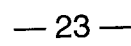
# • Semiconductor Location

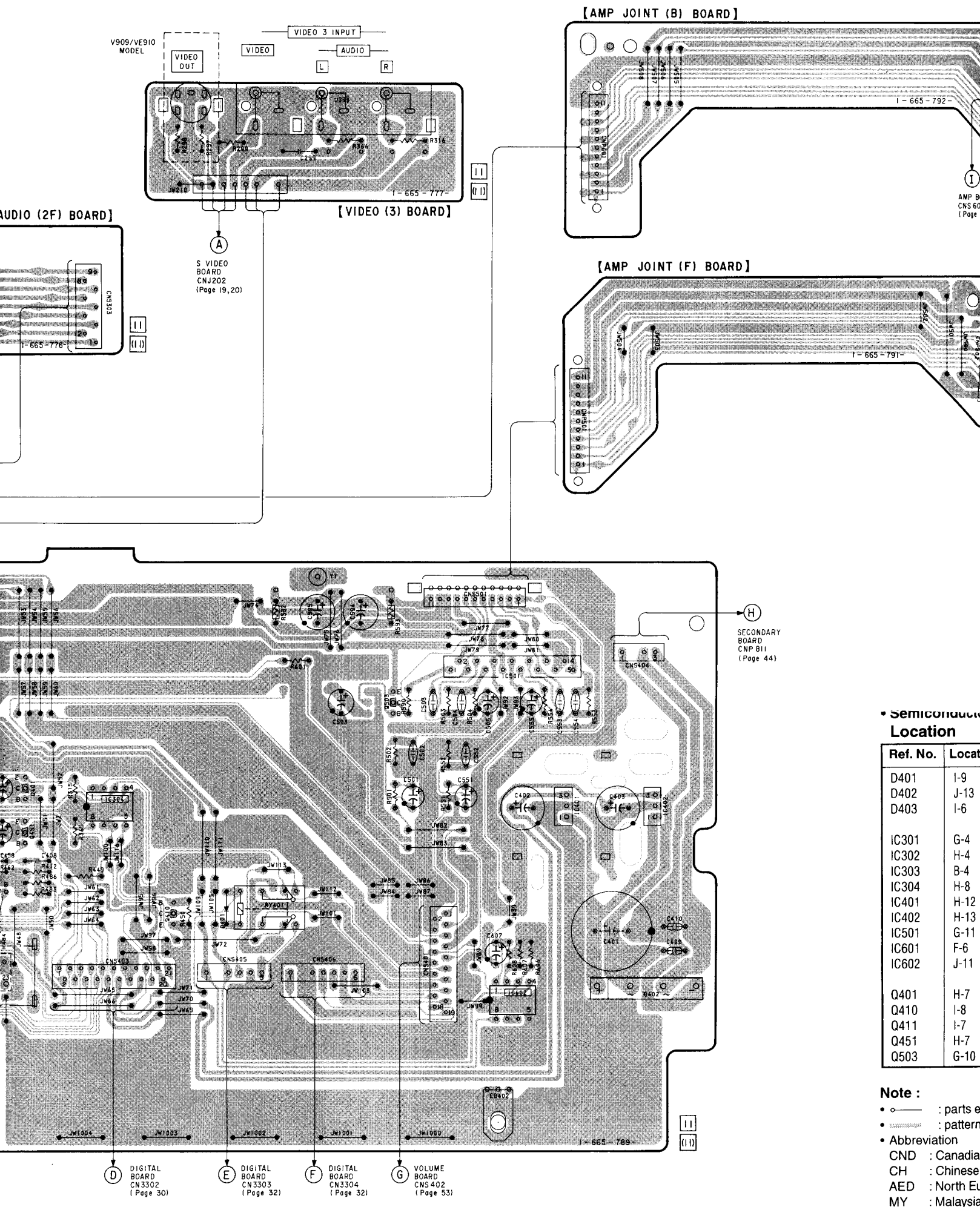
| Ref. No. | Location |
|----------|----------|
| D201     | D-4      |
| D210     | C-2      |
| IC201    | C-3      |
| IC203    | C-9      |
| IC204    | C-9      |
| IC211    | I-4      |
| IC223    | C-1      |
| Q1       | C-10     |
| Q201     | D-10     |
| Q201     | D-4      |
| Q205     | C-3      |
| Q206     | D-11     |
| Q207     | D-11     |
| Q208     | C-10     |
| Q209     | C-3      |
| Q210     | D-11     |
| Q211     | C-11     |
| Q212     | C-3      |
| Q213     | D-2      |
| Q214     | I-6      |
| Q215     | H-6      |
| Q216     | H-5      |
| Q217     | H-7      |
| Q218     | H-8      |
| Q219     | H-5      |
| Q220     | C-2      |
| Q222     | C-3      |
| Q223     | C-3      |
| Q225     | C-2      |
| Q226     | C-2      |

## Note :

- — : parts extracted from the component side.
- : pattern on the side which is seen.
- Abbreviation  
CND : Canadian

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--|---|---|---|---|---|---|---|---|



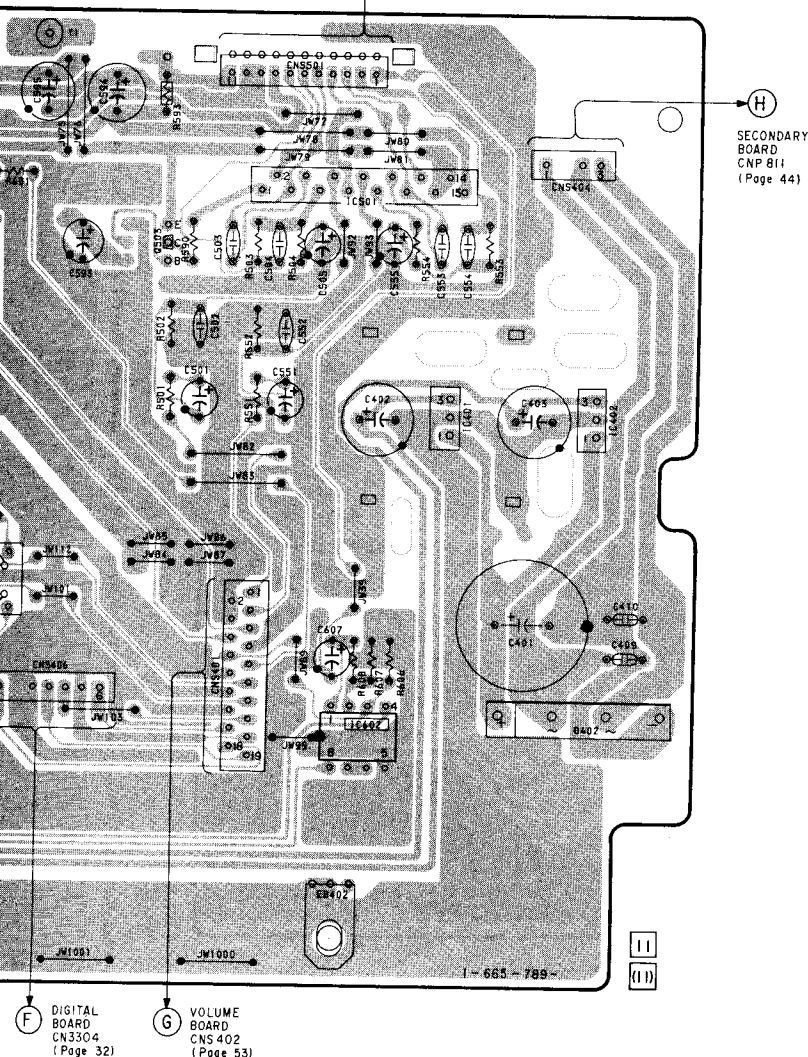
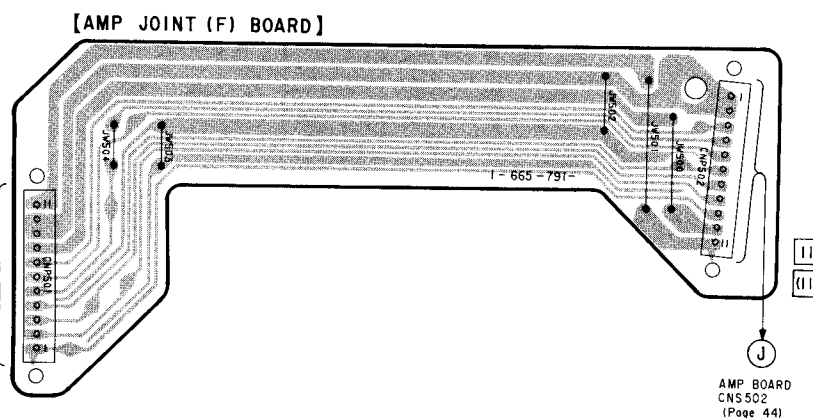
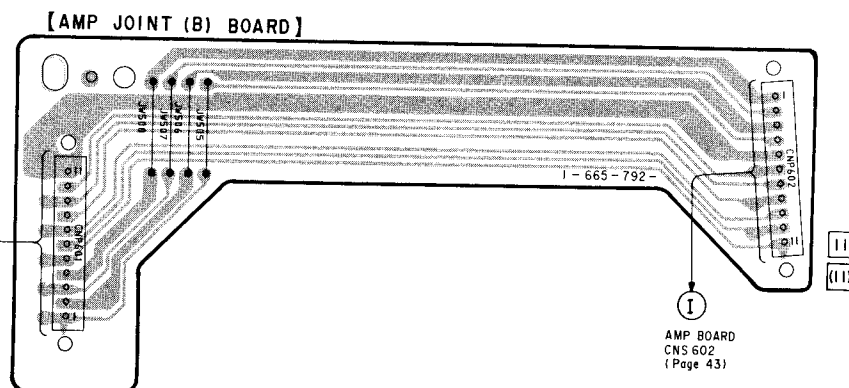
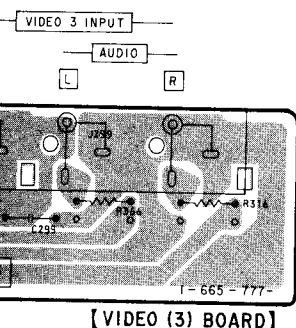


# Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D401     | I-9      |
| D402     | J-13     |
| D403     | I-6      |
| IC301    | G-4      |
| IC302    | H-4      |
| IC303    | B-4      |
| IC304    | H-8      |
| IC401    | H-12     |
| IC402    | H-13     |
| IC501    | G-11     |
| IC601    | F-6      |
| IC602    | J-11     |
| Q401     | H-7      |
| Q410     | I-8      |
| Q411     | I-7      |
| Q451     | H-7      |
| Q503     | G-10     |

## Note :

- : parts
- : pattern
- Abbreviation
- CND : Canadian
- CH : Chinese
- AED : North Eu
- MY : Malaysia



# • Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D401     | I-9      |
| D402     | J-13     |
| D403     | I-6      |
| IC301    | G-4      |
| IC302    | H-4      |
| IC303    | B-4      |
| IC304    | H-8      |
| IC401    | H-12     |
| IC402    | H-13     |
| IC501    | G-11     |
| IC601    | F-6      |
| IC602    | J-11     |
| Q401     | H-7      |
| Q410     | I-8      |
| Q411     | I-7      |
| Q451     | H-7      |
| Q503     | G-10     |

## Note :

- : parts extracted from the component side.
- : pattern on the side which is seen.
- Abbreviation
 

|                      |                    |
|----------------------|--------------------|
| CND : Canadian       | AUS : Australian   |
| CH : Chinese         | G : German         |
| AED : North European | EE : East European |
| MY : Malaysia        | SP : Singapore     |

# SCHEMATIC DIAGRAM — SURROUND SECTION —

1

2

3

4

5

6

7

A

B

C

D

E

F

G

H

I

## [AUDIO (2F) BOARD]

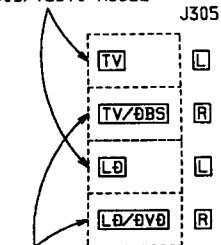
\*1: ØE915: AUS/VE910: AEP, UK, G, AEB, EE MODEL

IC303

VIDEO SELECTOR

V909/VE910 MODEL

J305



ØE915 MODEL

AUDIO OUT

VIDEO2

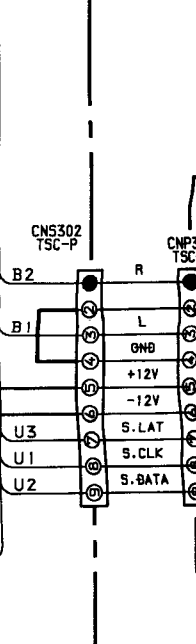
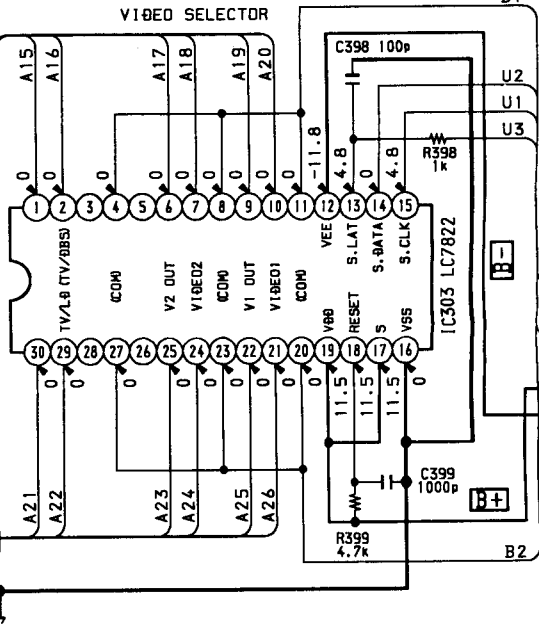
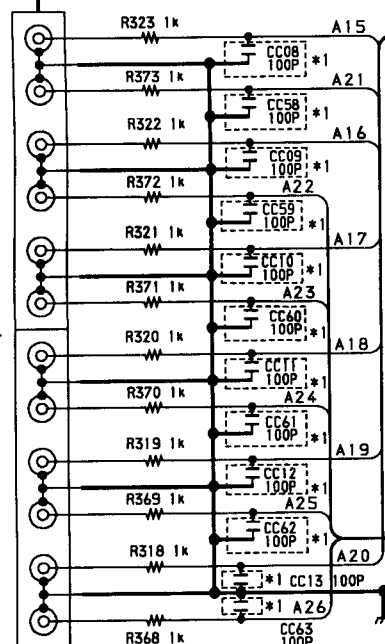
AUDIO IN

AUDIO OUT

VIDEO1

AUDIO IN

J304



V909/VE910 MODEL

\*1: ØE915: AUS/VE910: AEP, UK, G, AEB, EE MODEL

\*4: ØE915: US, CNØ, PX/V909/VE910: E, MY, SP MODEL

IC302

EQ AMP

11.5

IC302 M5218AP-22

11.5

CNP806

AMP BOARD

(Page 40)

PHONO IN

J301

J302

V909/VE910 MODEL

TUNER IN

ØE915 MODEL

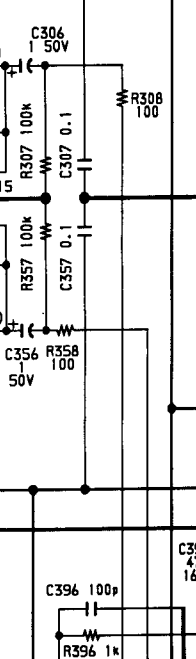
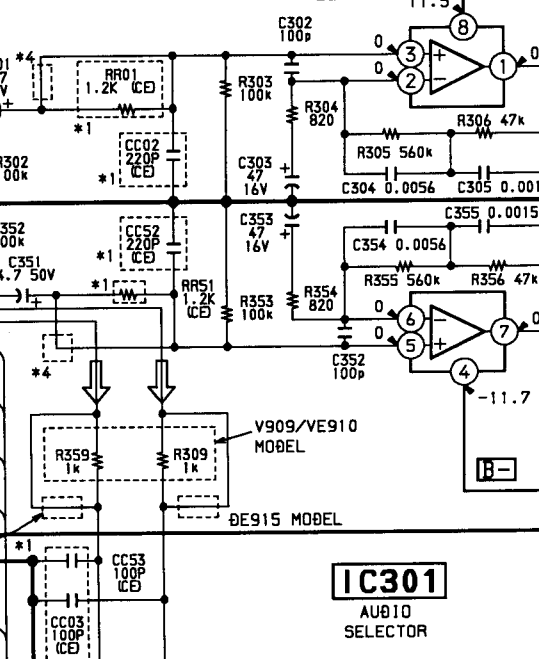
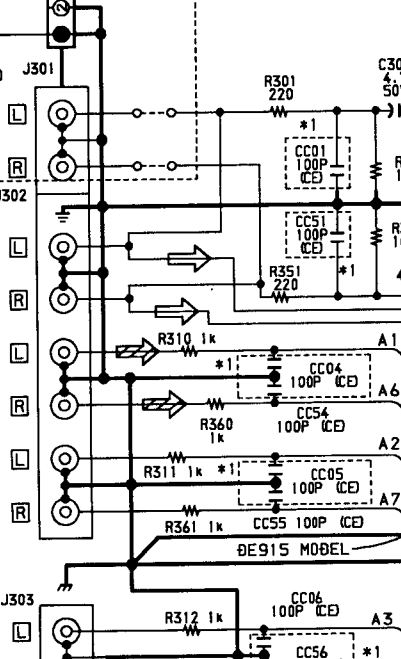
PHONO IN

ØB IN

OUTPUT

ØAT/MØ

INPUT



# 【 SUR BOARD 】

**RTV servis Horvat**

Kešinci, 31402 Semeljci

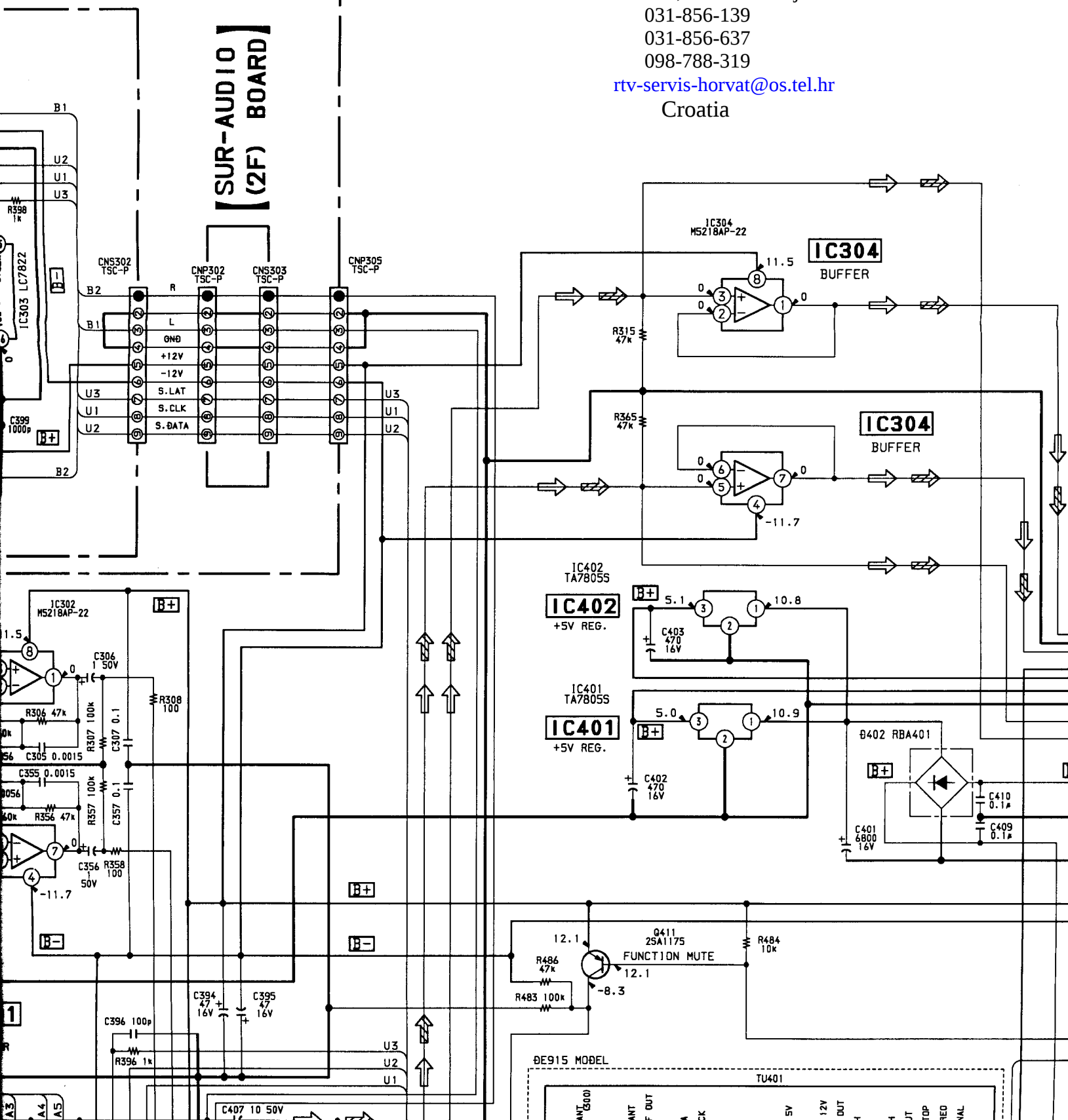
031-856-139

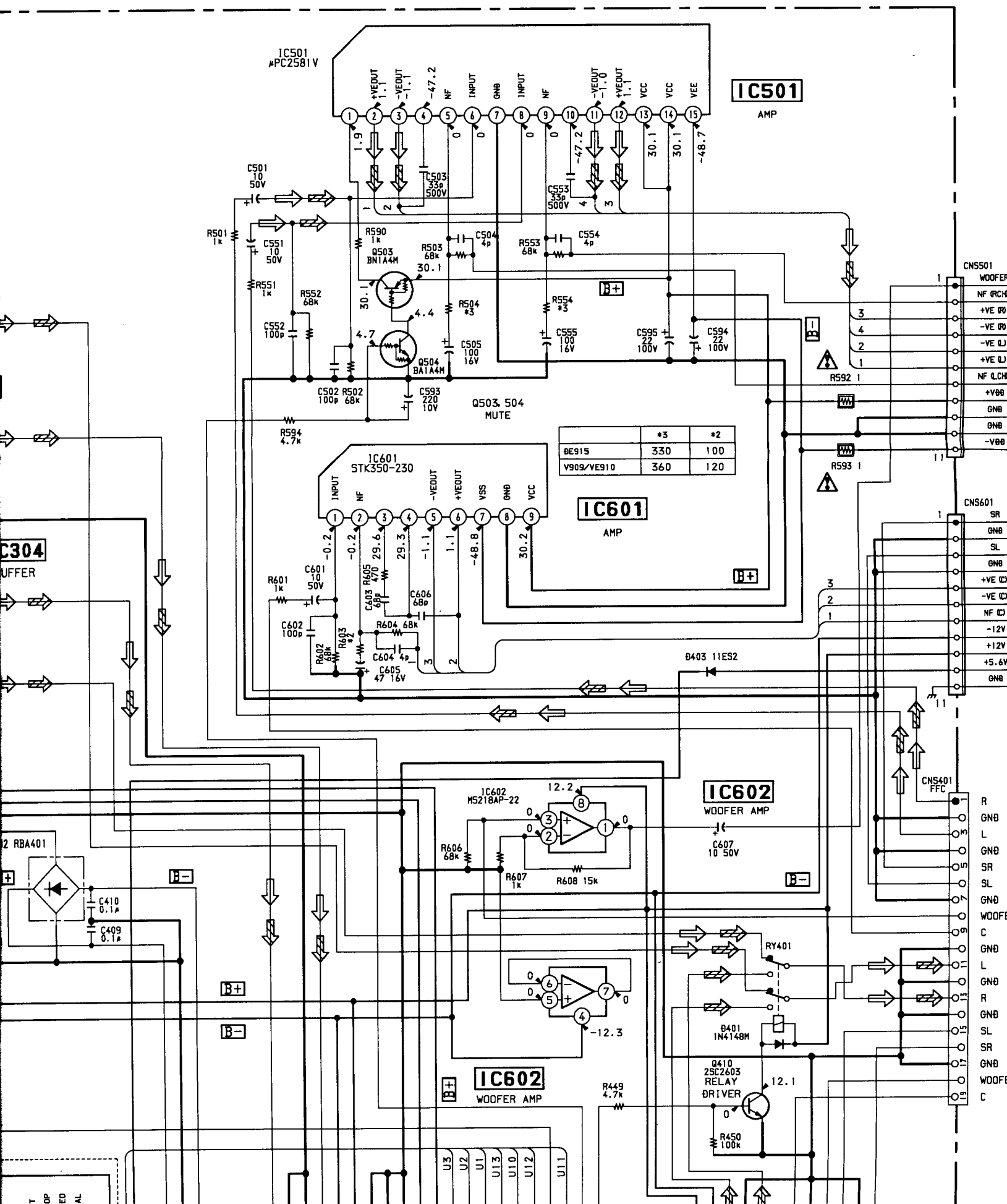
031-856-637

098-788-319

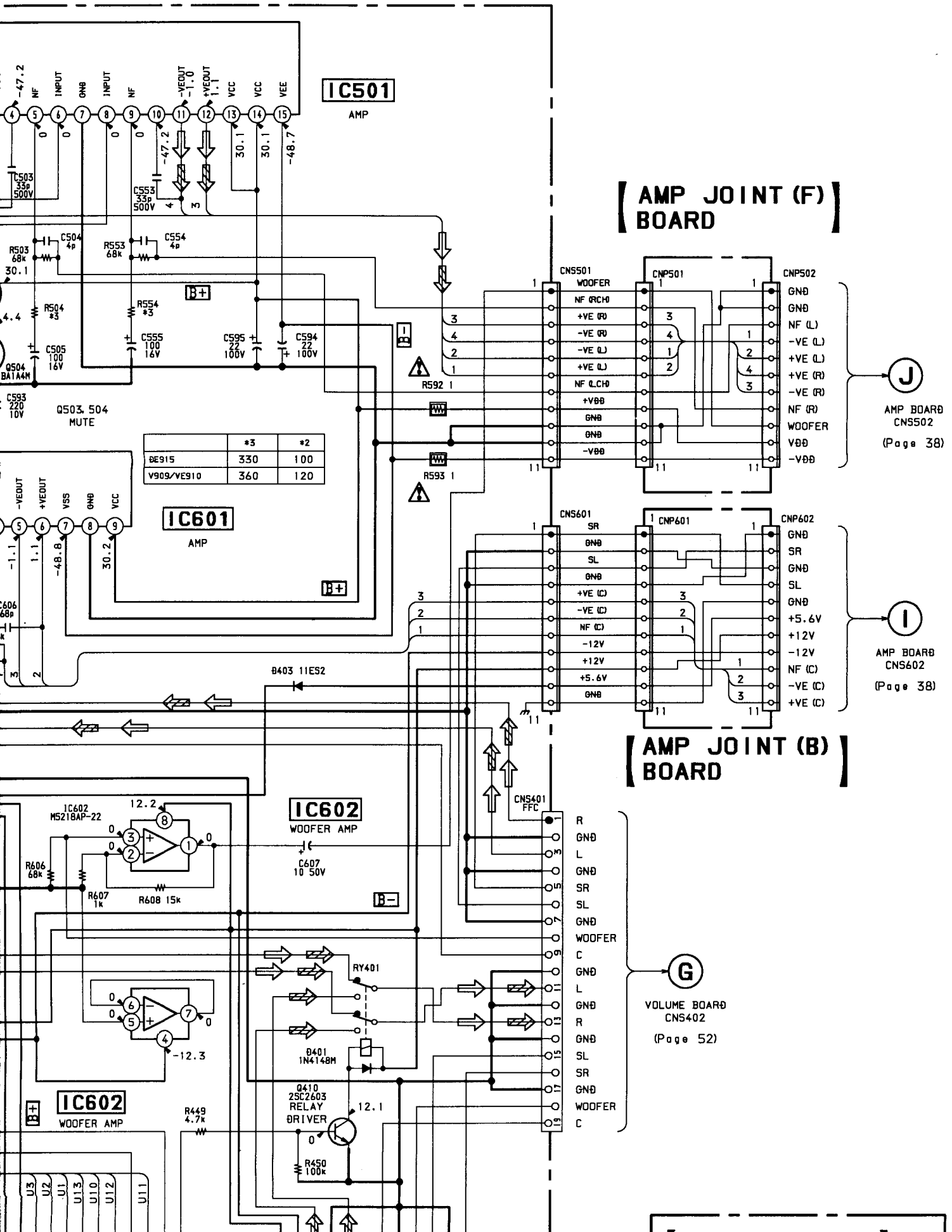
[rtv-servis-horvat@os.tel.hr](mailto:rtv-servis-horvat@os.tel.hr)

Croatia



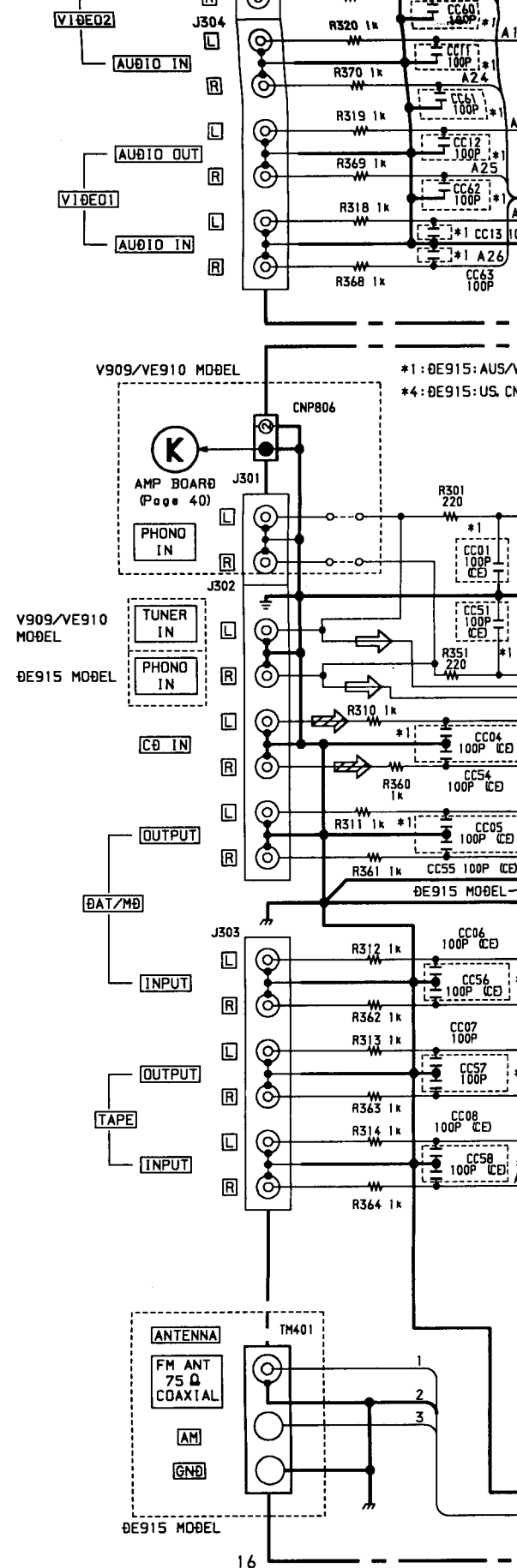


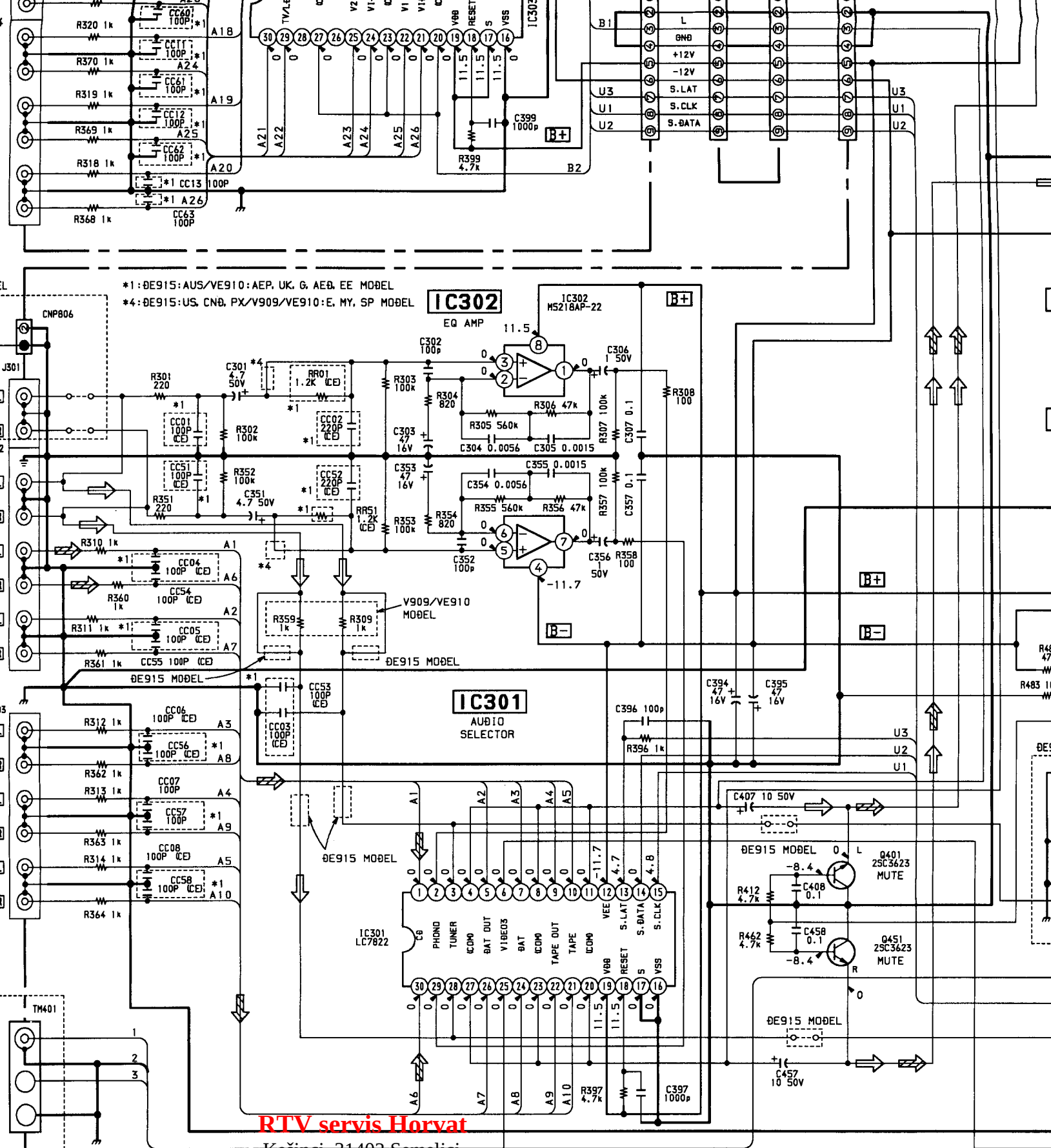
16 17 18 19 20 21 22

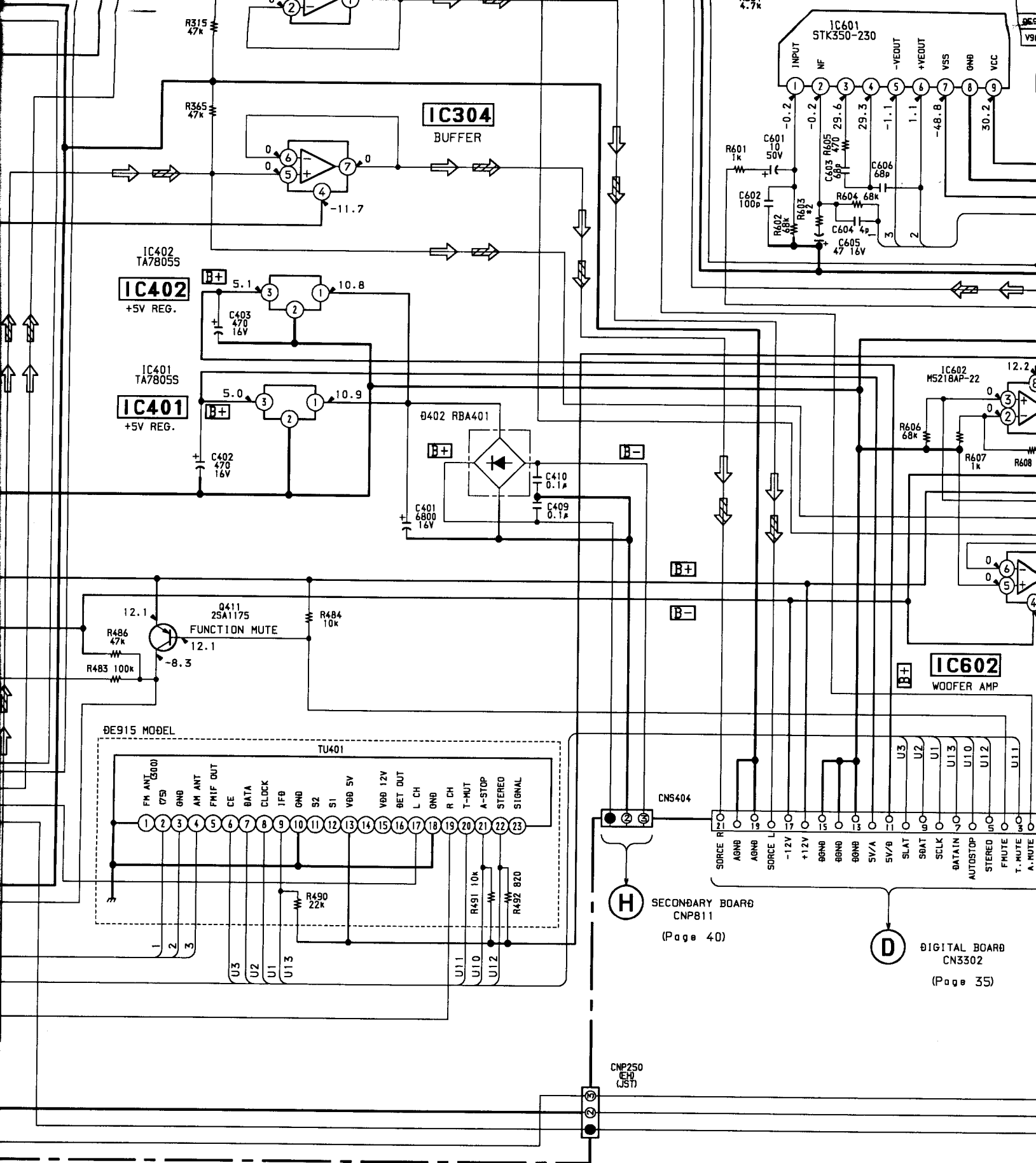


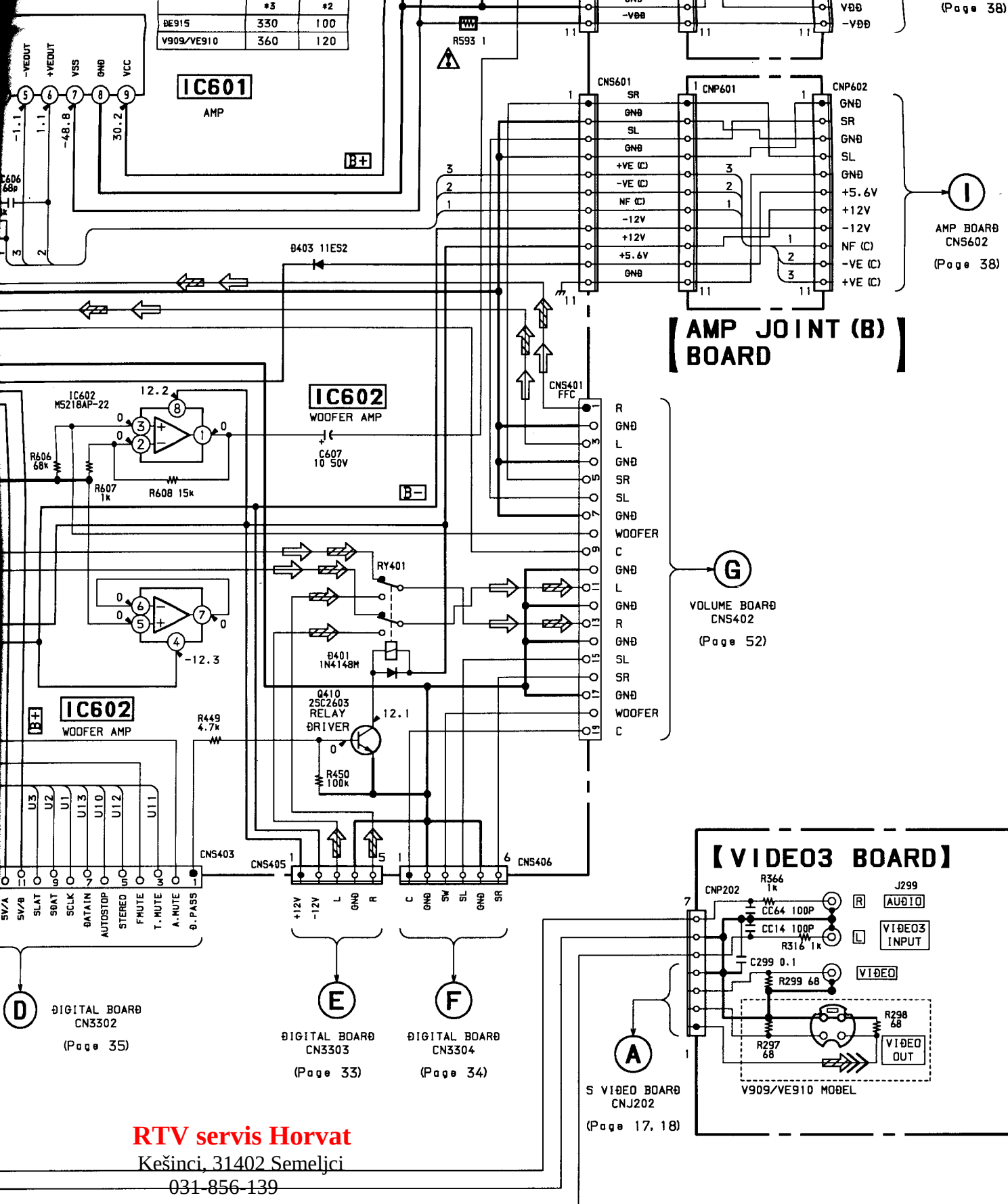
# **Note :**

- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF:  $\mu\text{F}$  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and 1/4W or less unless otherwise specified.
-  : non flammable resistor.
-  : panel designation.
-  : B+ Line.
-  : B- Line.
- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10M $\Omega$ /V).
- Signal path
- Abbreviation
-  : FM  : CD (ANALOG)  : LD (VIDEO)
- CND : Canadian      AUS : Australian
- CH : Chinese      G : German
- AED : North European      EE : East European

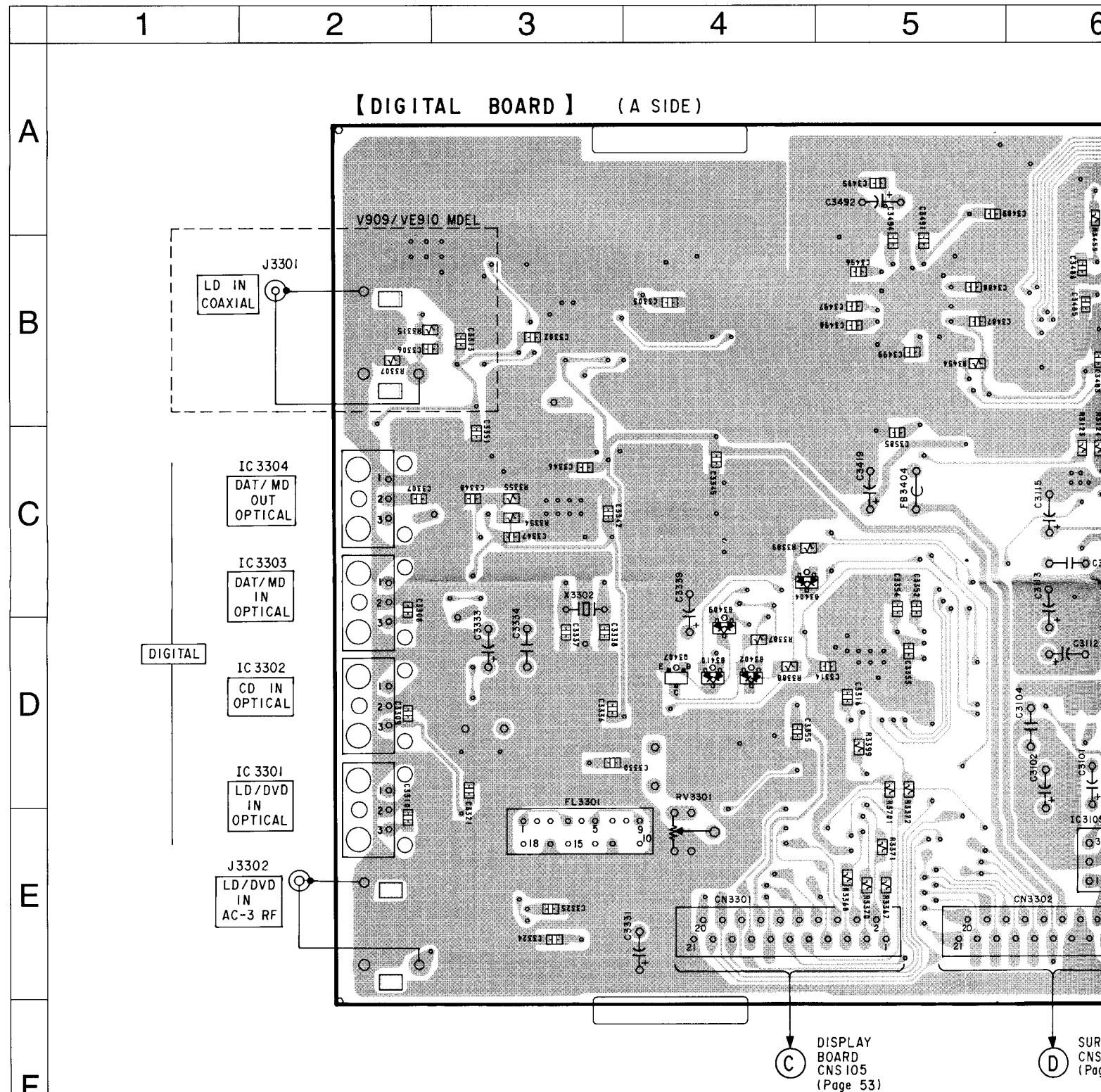




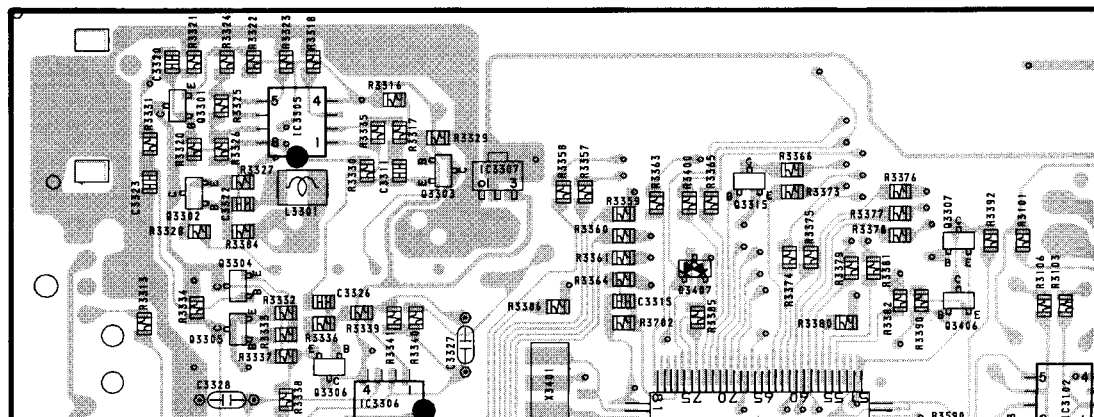


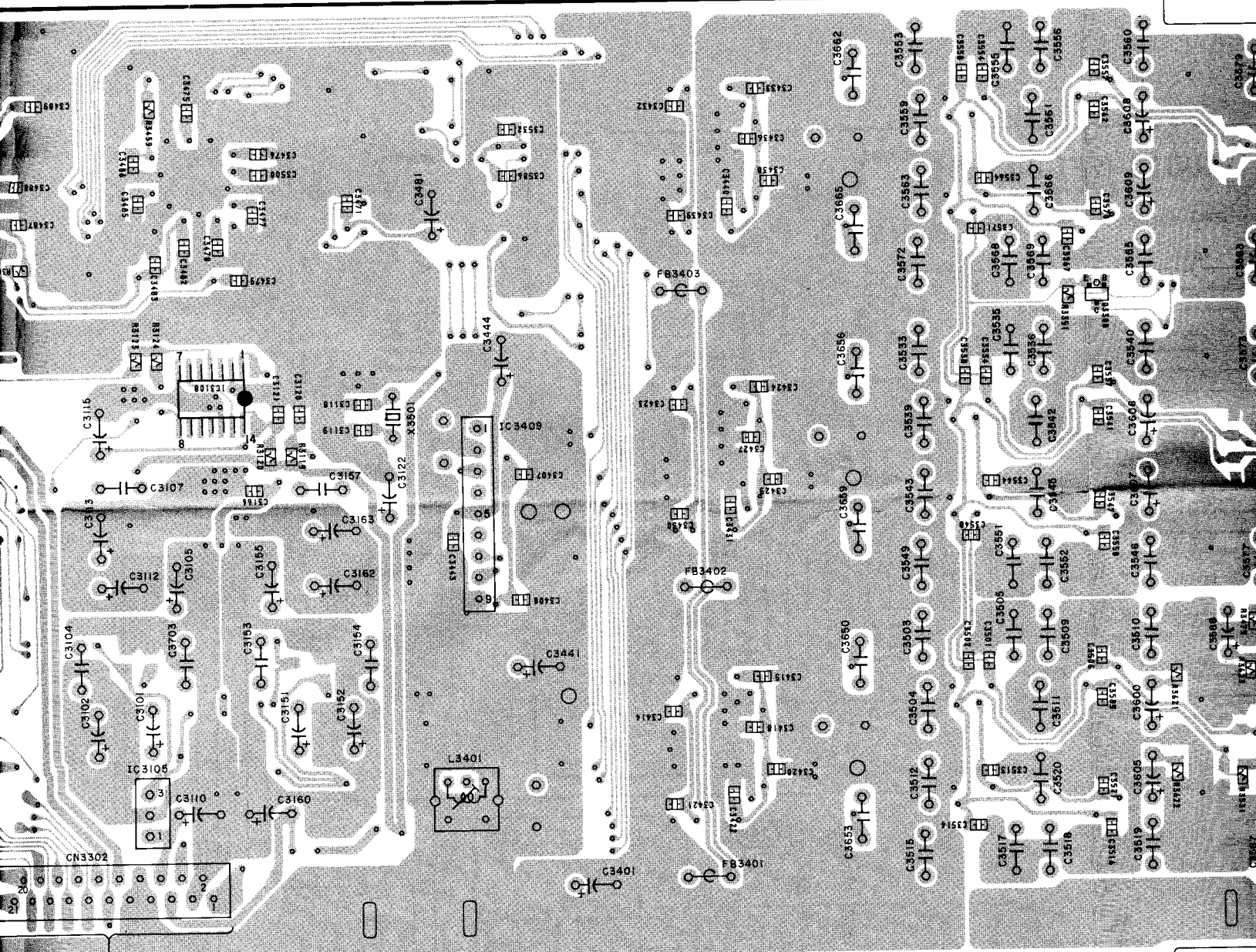


# 2-9. PRINTED WIRING BOARD — DIGITAL SECTION —

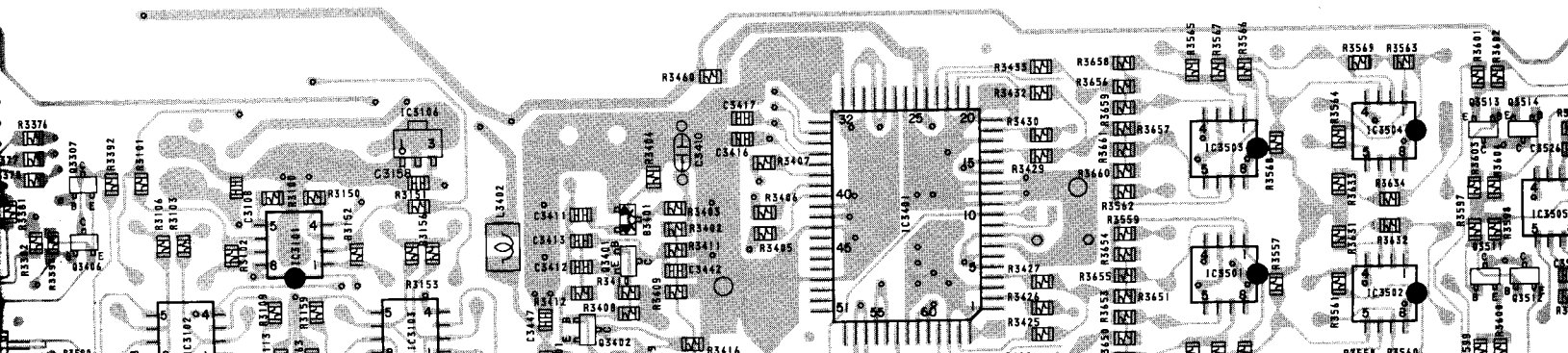


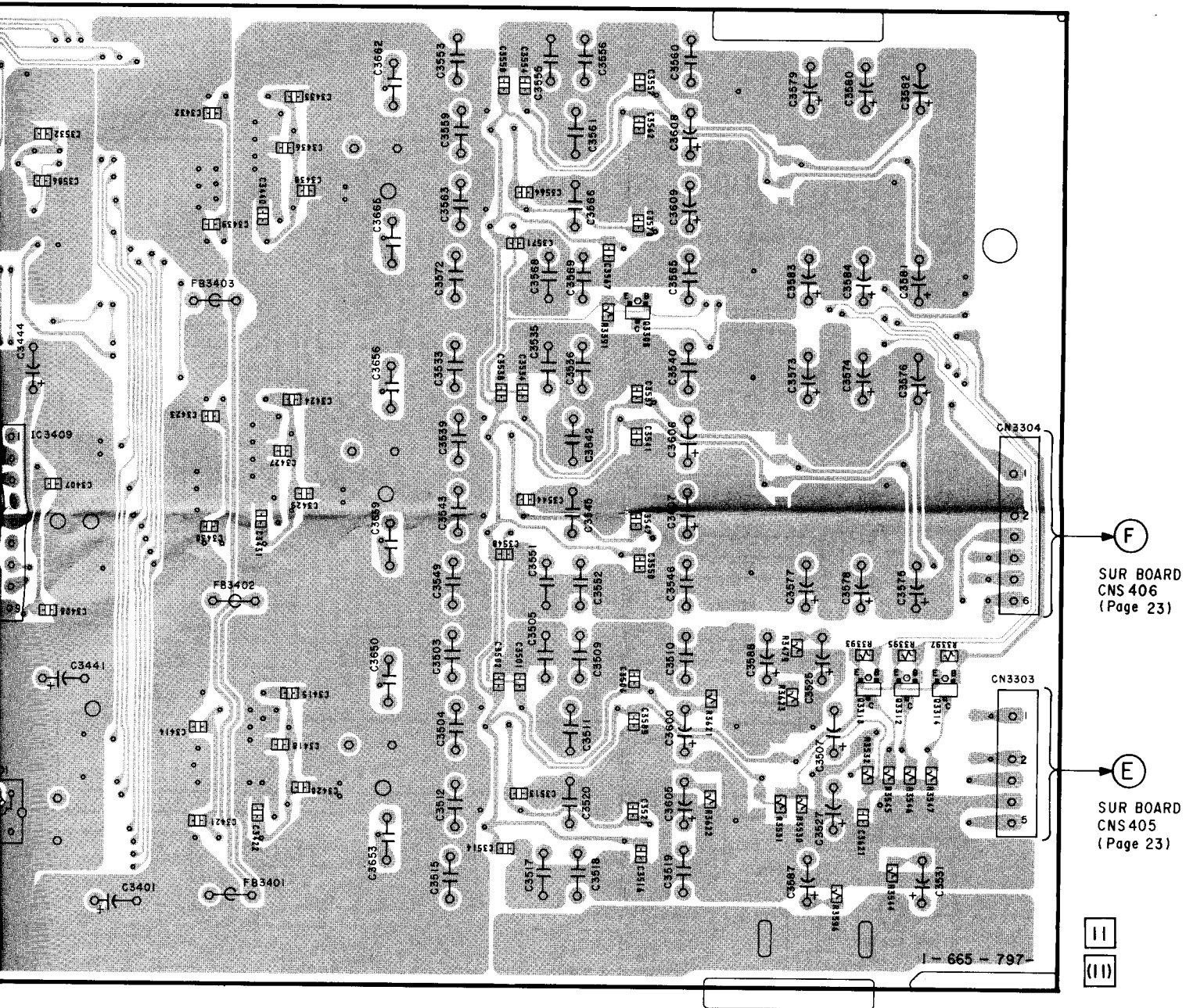
**[ DIGITAL BOARD ] (B SIDE)**





(D) SUR BOARD  
 CNS403  
 (Page 23)





D

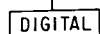
E

F

## G

H

J

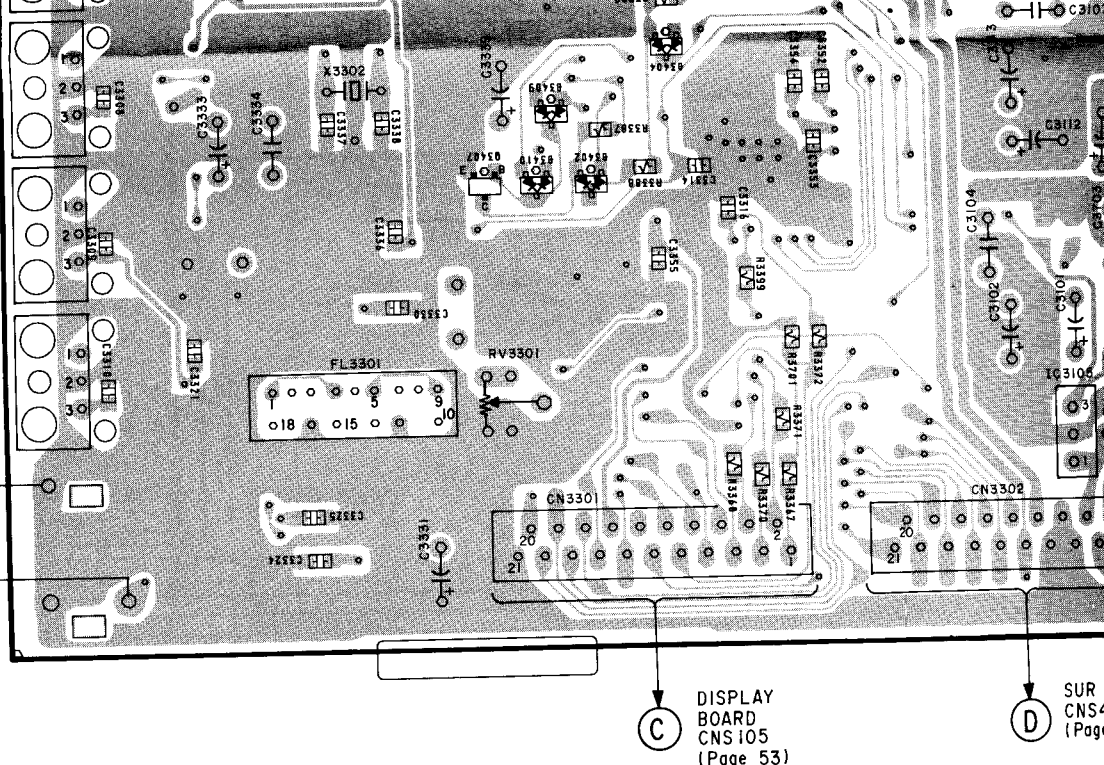


IC 3303  
DAT/MD  
IN  
OPTICAL

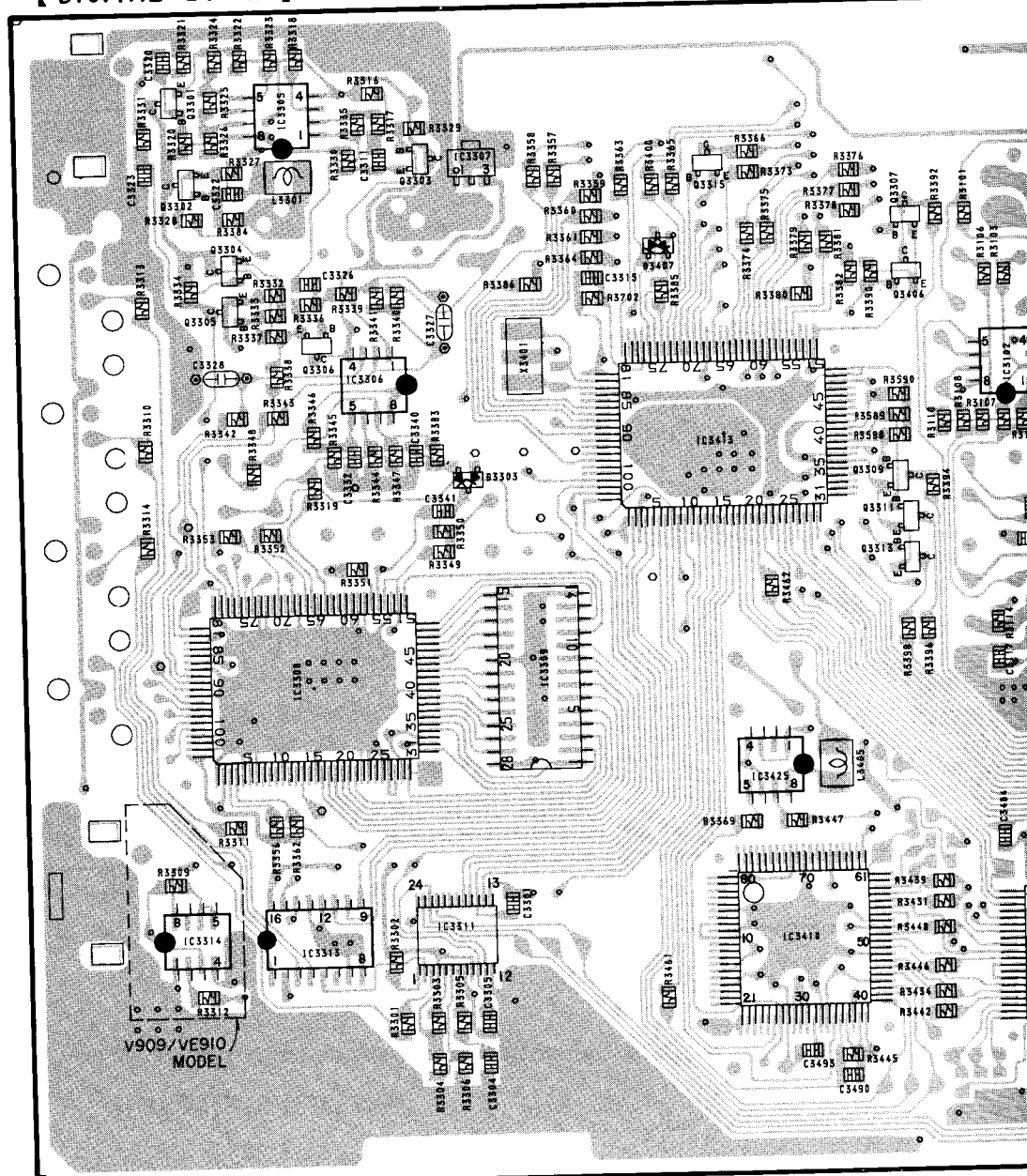
IC 3302  
CD IN  
OPTICAL

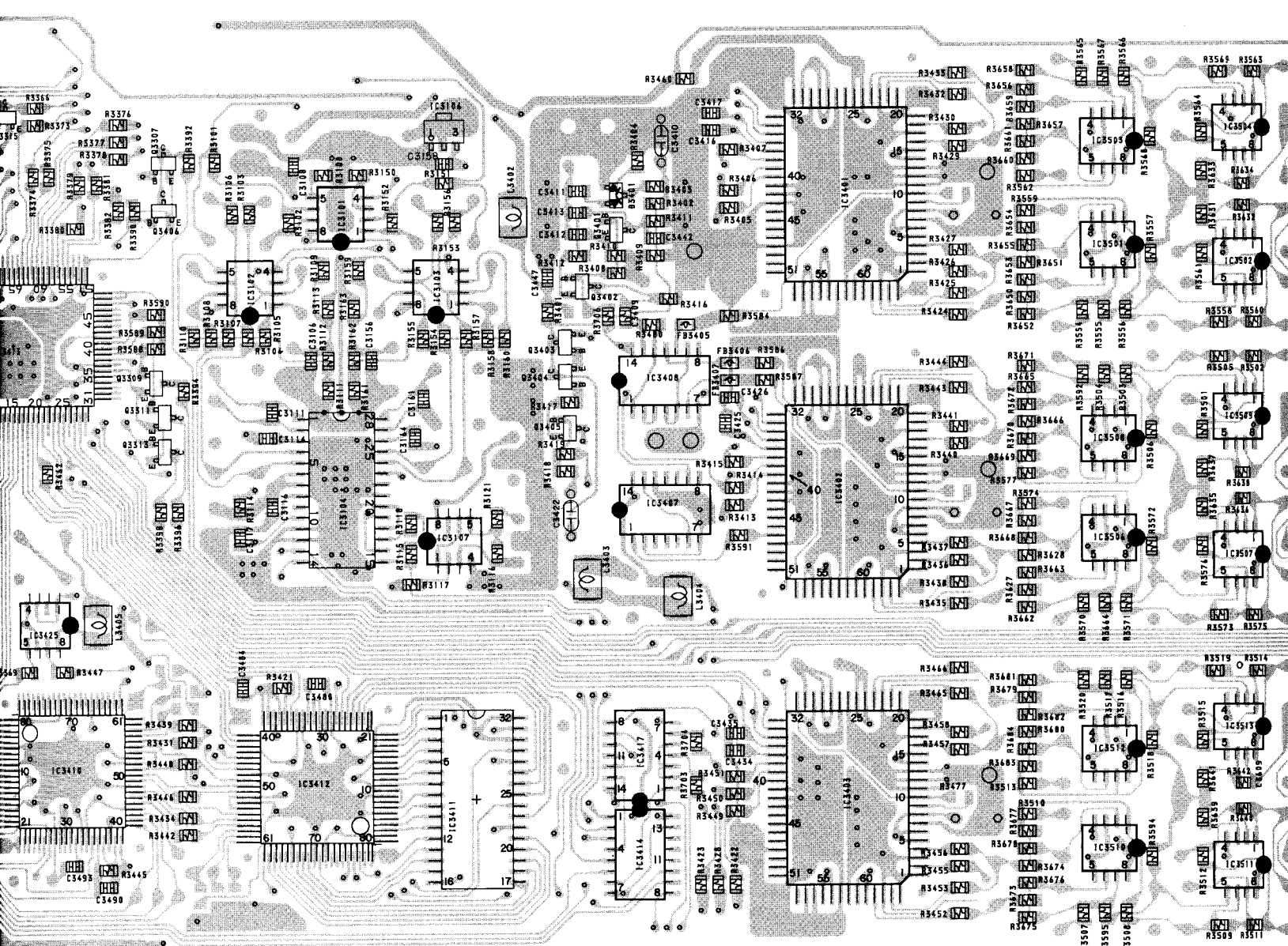
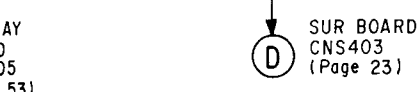
IC 3301  
LD/DVD  
IN  
OPTICAL

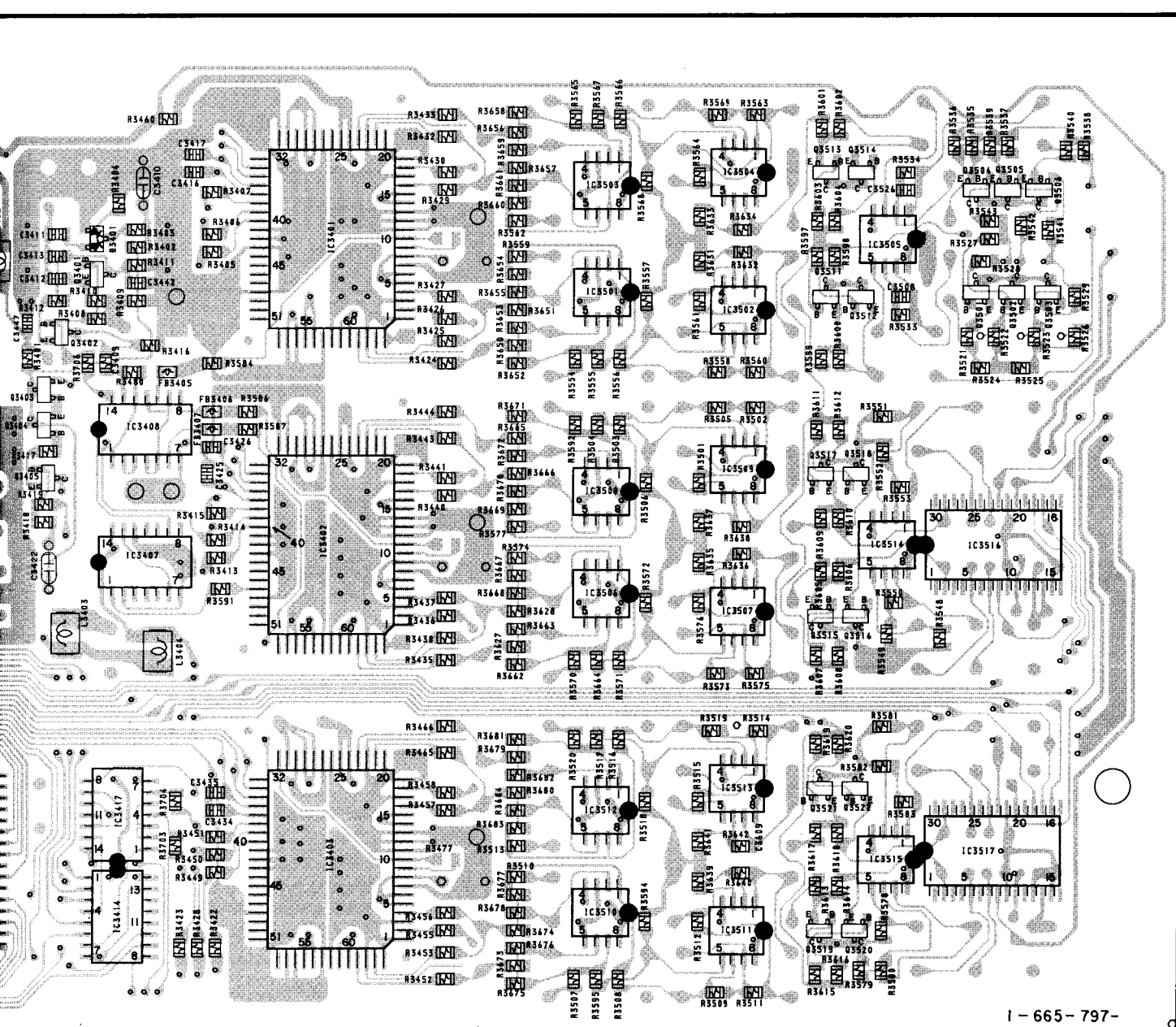
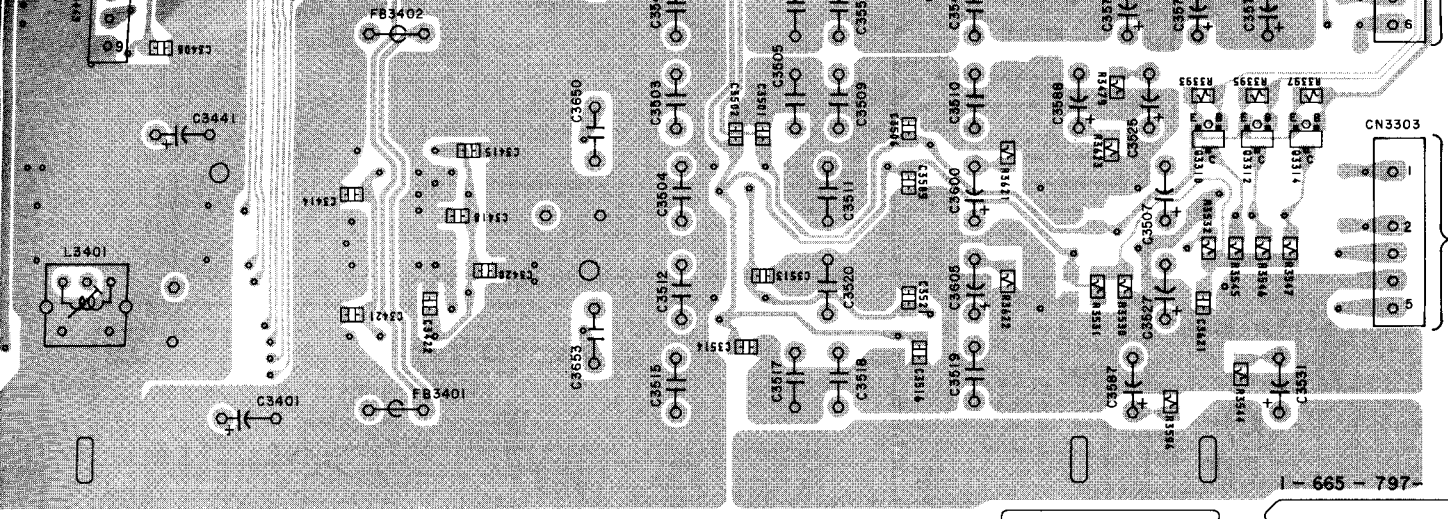
J3302  
LD/DVD  
IN  
AC-3 RF

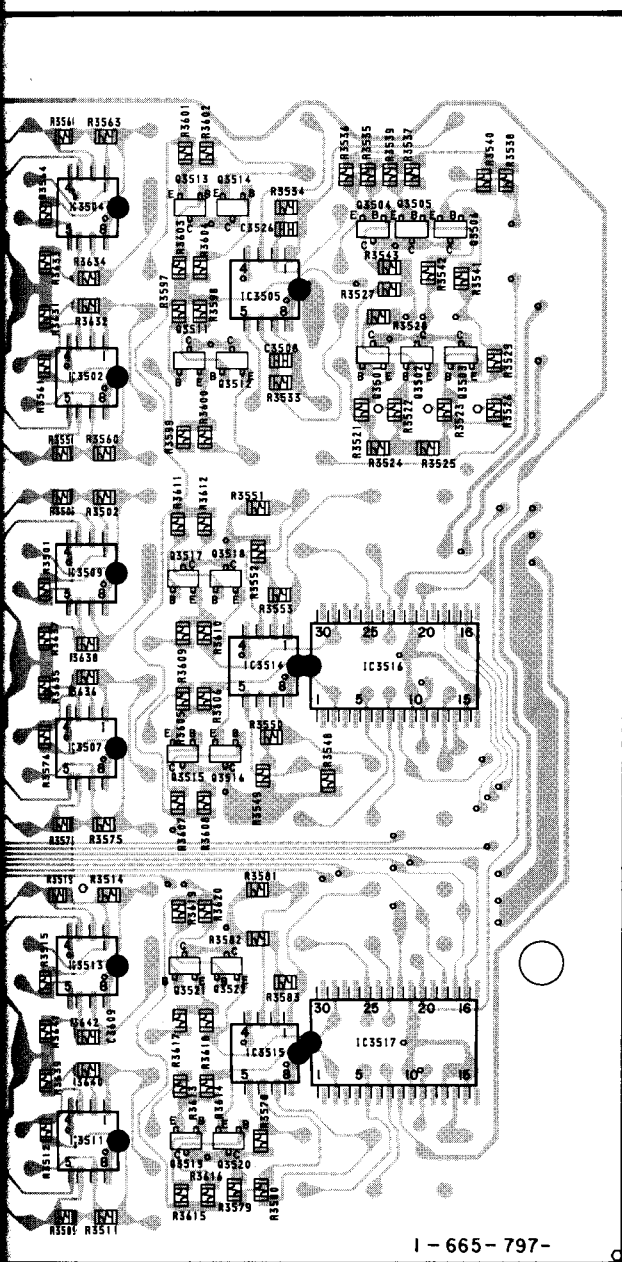
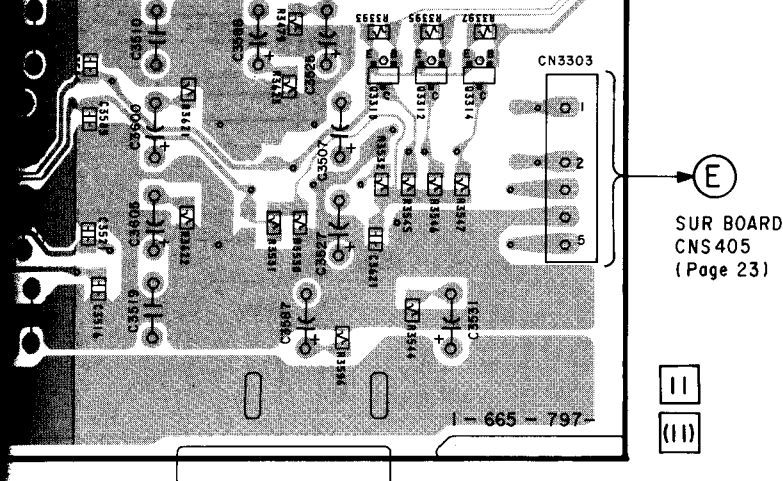


**【 DIGITAL BOARD 】 ( B SIDE )**





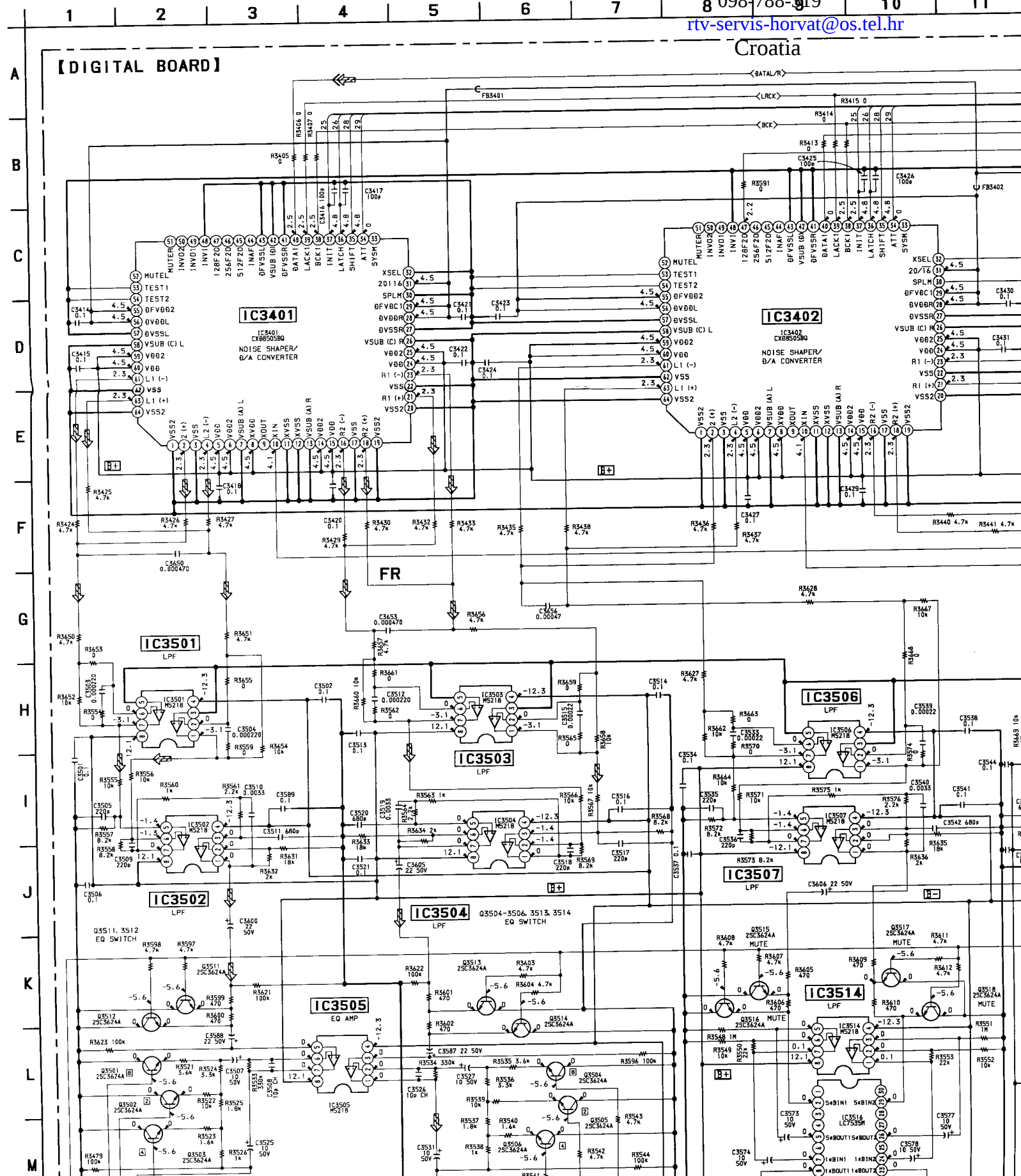




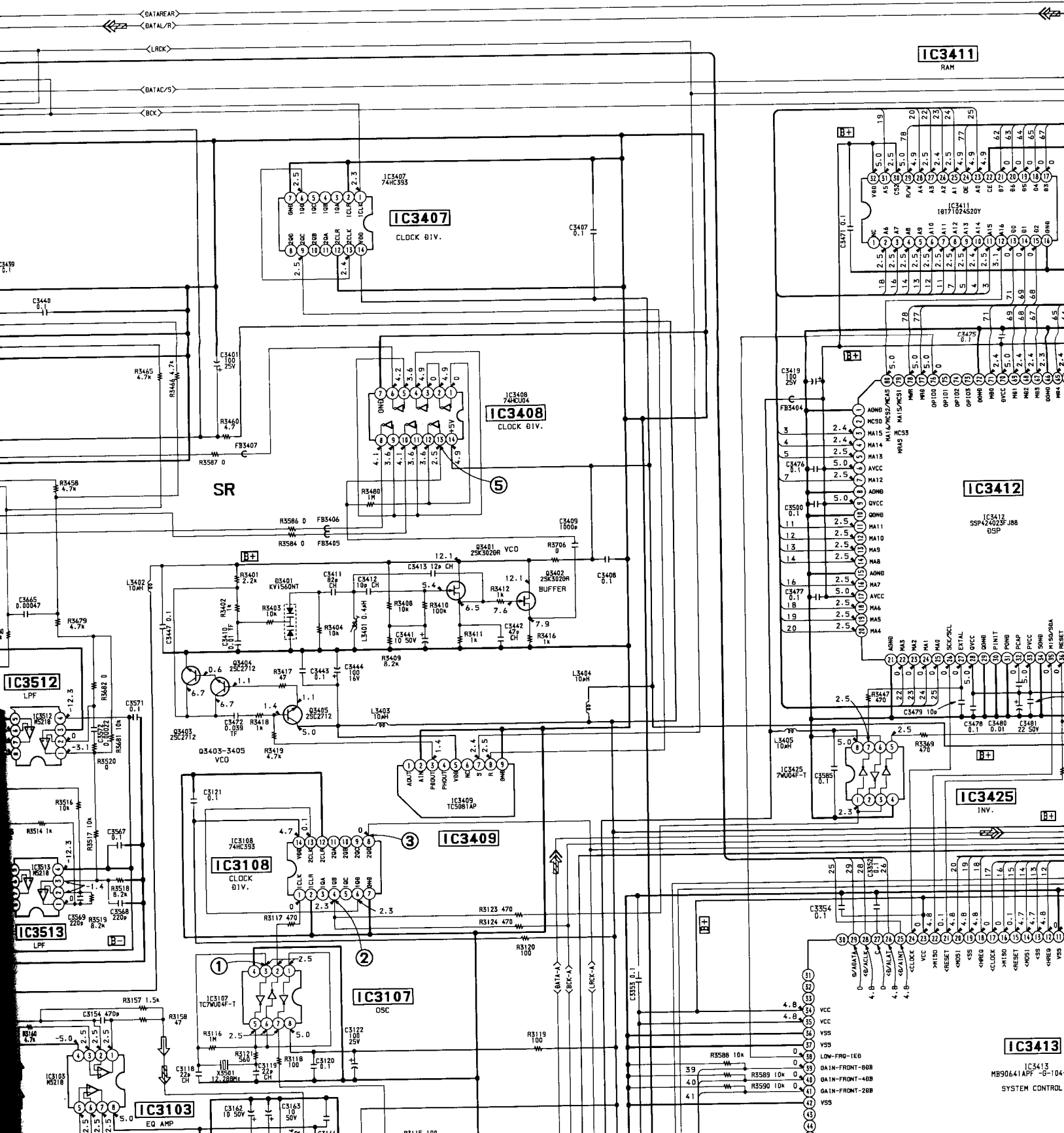
# • Semiconductor Location

| Ref. No. | Location | Ref. No. | Location |
|----------|----------|----------|----------|
| D3303    | H-4      | IC3510   | J-10     |
| D3401    | G-8      | IC3511   | J-11     |
| D3402    | D-4      | IC3512   | J-10     |
| D3404    | C-4      | IC3513   | J-11     |
| D3407    | G-5      | IC3514   | I-11     |
| D3409    | C-4      | IC3515   | J-11     |
| D3410    | D-4      | IC3516   | I-12     |
|          |          | IC3517   | J-12     |
| IC3101   | G-6      |          |          |
| IC3102   | H-6      | Q3301    | G-3      |
| IC3103   | H-7      | Q3302    | G-3      |
| IC3104   | I-6      | Q3303    | G-4      |
| IC3105   | E-6      | Q3304    | G-3      |
| IC3106   | G-7      | Q3305    | G-3      |
| IC3107   | I-7      | Q3306    | H-3      |
| IC3108   | C-6      | Q3307    | G-6      |
| IC3301   | D-2      | Q3308    | B-11     |
| IC3302   | D-2      | Q3309    | H-5      |
| IC3303   | C-2      | Q3310    | D-12     |
| IC3304   | C-2      | Q3311    | H-5      |
| IC3305   | G-3      | Q3312    | D-12     |
| IC3306   | H-3      | Q3313    | H-5      |
| IC3307   | G-4      | Q3314    | D-12     |
| IC3308   | I-3      | Q3315    | G-5      |
| IC3309   | I-4      | Q3401    | G-8      |
| IC3311   | J-4      | Q3402    | H-8      |
| IC3313   | J-3      | Q3403    | H-7      |
| IC3314   | J-3      | Q3404    | H-7      |
| IC3401   | G-9      | Q3405    | H-7      |
| IC3402   | I-9      | Q3406    | G-6      |
| IC3403   | J-9      | Q3407    | D-4      |
| IC3407   | I-8      | Q3501    | H-12     |
| IC3408   | H-8      | Q3502    | H-12     |
| IC3409   | C-8      | Q3503    | H-12     |
| IC3410   | J-5      | Q3504    | G-12     |
| IC3411   | J-7      | Q3505    | G-12     |
| IC3412   | J-6      | Q3506    | G-12     |
| IC3413   | H-5      | Q3511    | G-11     |
| IC3414   | J-8      | Q3512    | H-11     |
| IC3417   | J-8      | Q3513    | G-11     |
| IC3425   | I-5      | Q3514    | G-11     |
| IC3501   | G-10     | Q3515    | I-11     |
| IC3502   | H-11     | Q3516    | I-11     |
| IC3503   | G-10     | Q3517    | H-11     |
| IC3504   | G-11     | Q3518    | H-11     |
| IC3505   | G-11     | Q3519    | J-11     |
| IC3506   | I-10     | Q3520    | J-11     |
| IC3507   | I-11     | Q3521    | J-11     |
| IC3508   | H-10     | Q3522    | J-11     |
| IC3509   | H-11     |          |          |

|  | 1 | 2 | 3 | 4 | 5 |
|--|---|---|---|---|---|
|--|---|---|---|---|---|







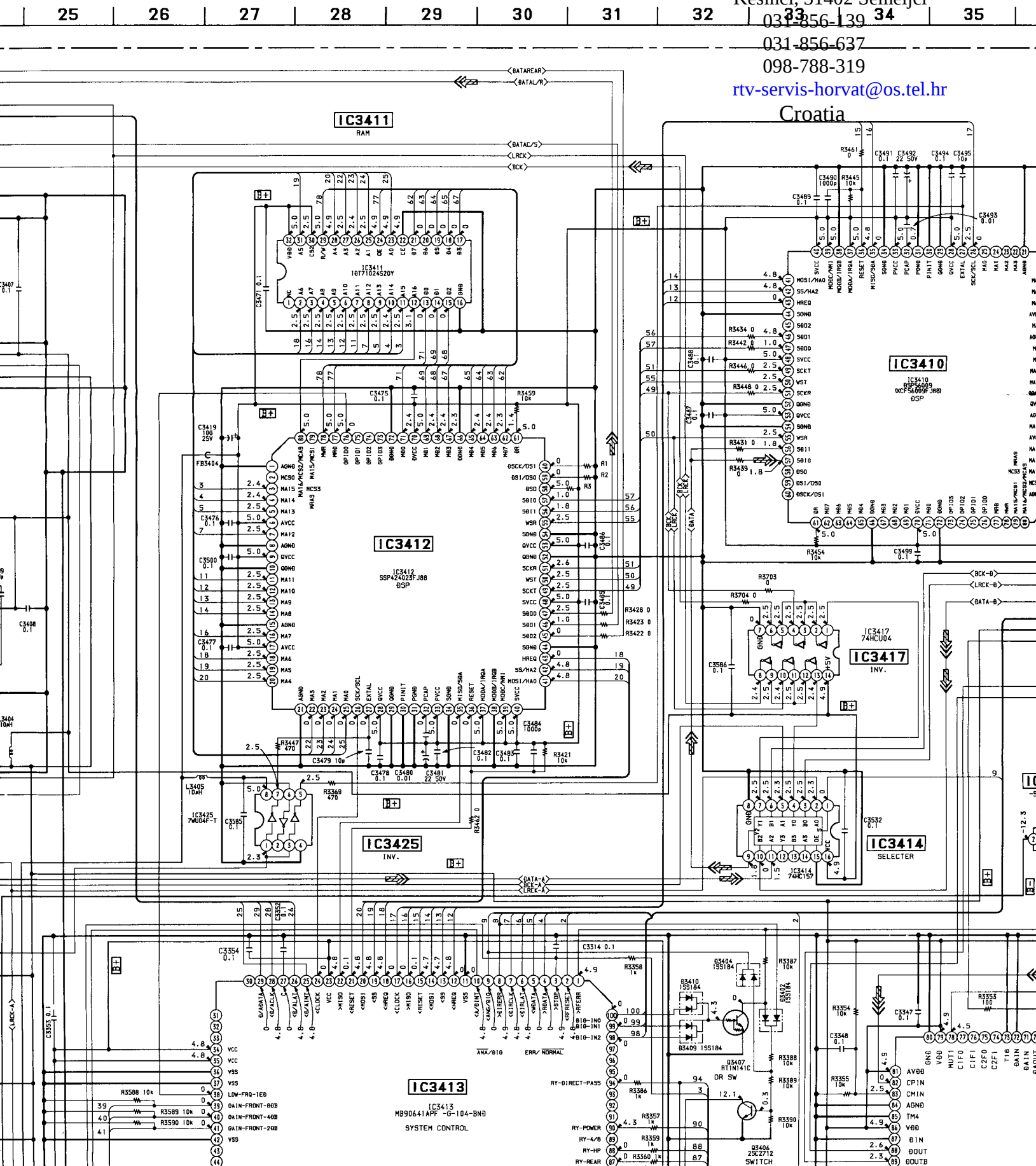
Kešinci, 31402 Semeljci

33  
031-856-139

~~031-856-637~~

rtv-servis-horvat@os.tel.hr

## Croatia





① IC3107 ③  
3.5Vp-p  
12.288MHz

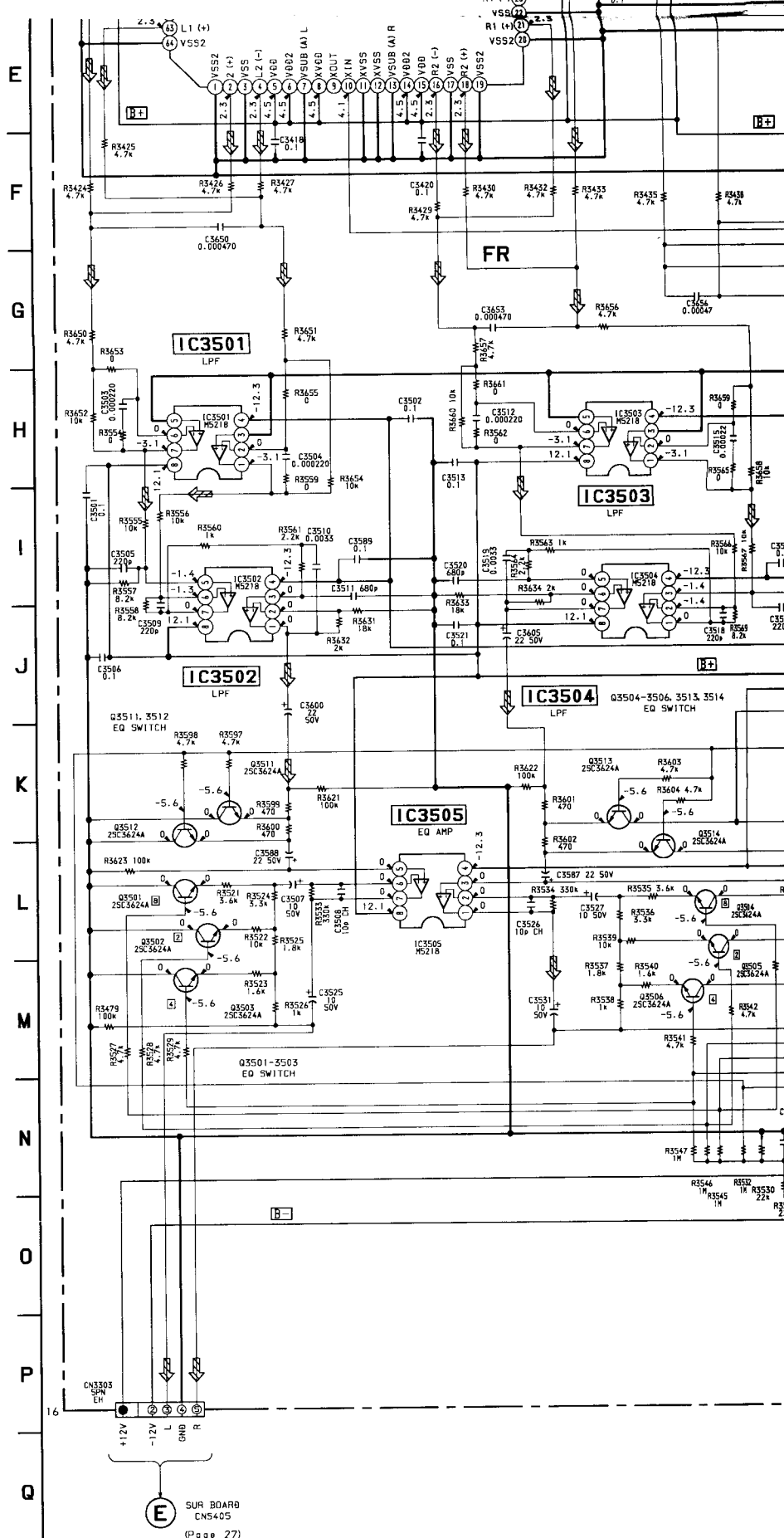
② IC3108 ④  
5.4Vp-p  
3.072MHz

③ IC3108 ⑧  
4.6Vp-p  
48kHz

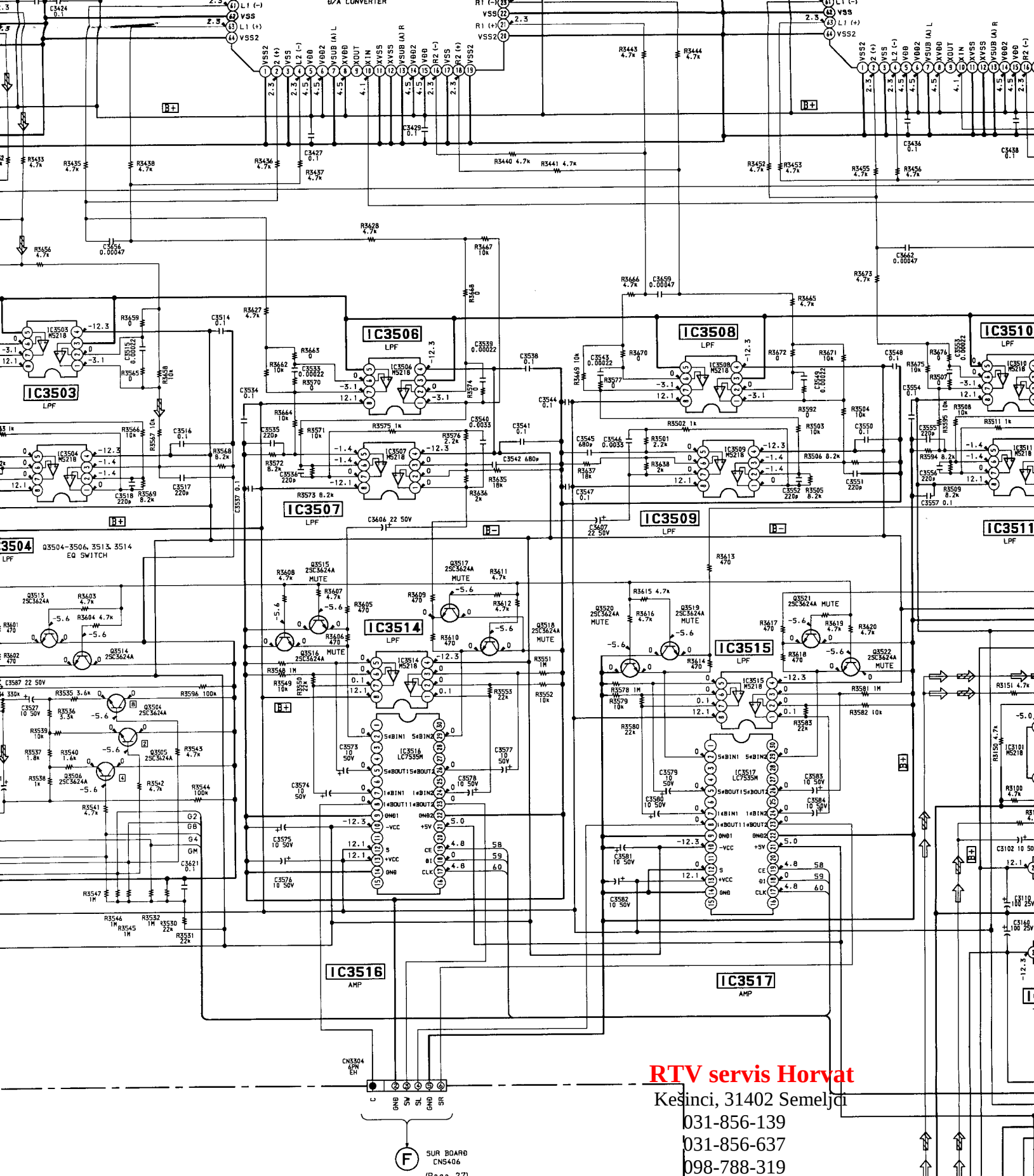
④ IC3308 ⑤⑥ VOUT  
5.8Vp-p  
18.432MHz

⑤ IC3408 ⑬  
2.2Vp-p  
49.152MHz

⑥ IC3413 ⑧② X IN  
4.6Vp-p  
4MHz



- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF:  $\mu\text{F}$  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and 1/4W or less unless otherwise specified.
- : panel designation.
- B+ : B+ Line.



**RTV servis Horvat**

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031-856-139

031-856-637

098-788-319

[rtv-servis-horvat@os.tel.hr](mailto:rtv-servis-horvat@os.tel.hr)

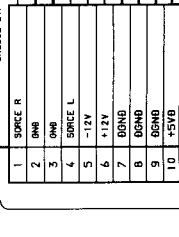
Croatia

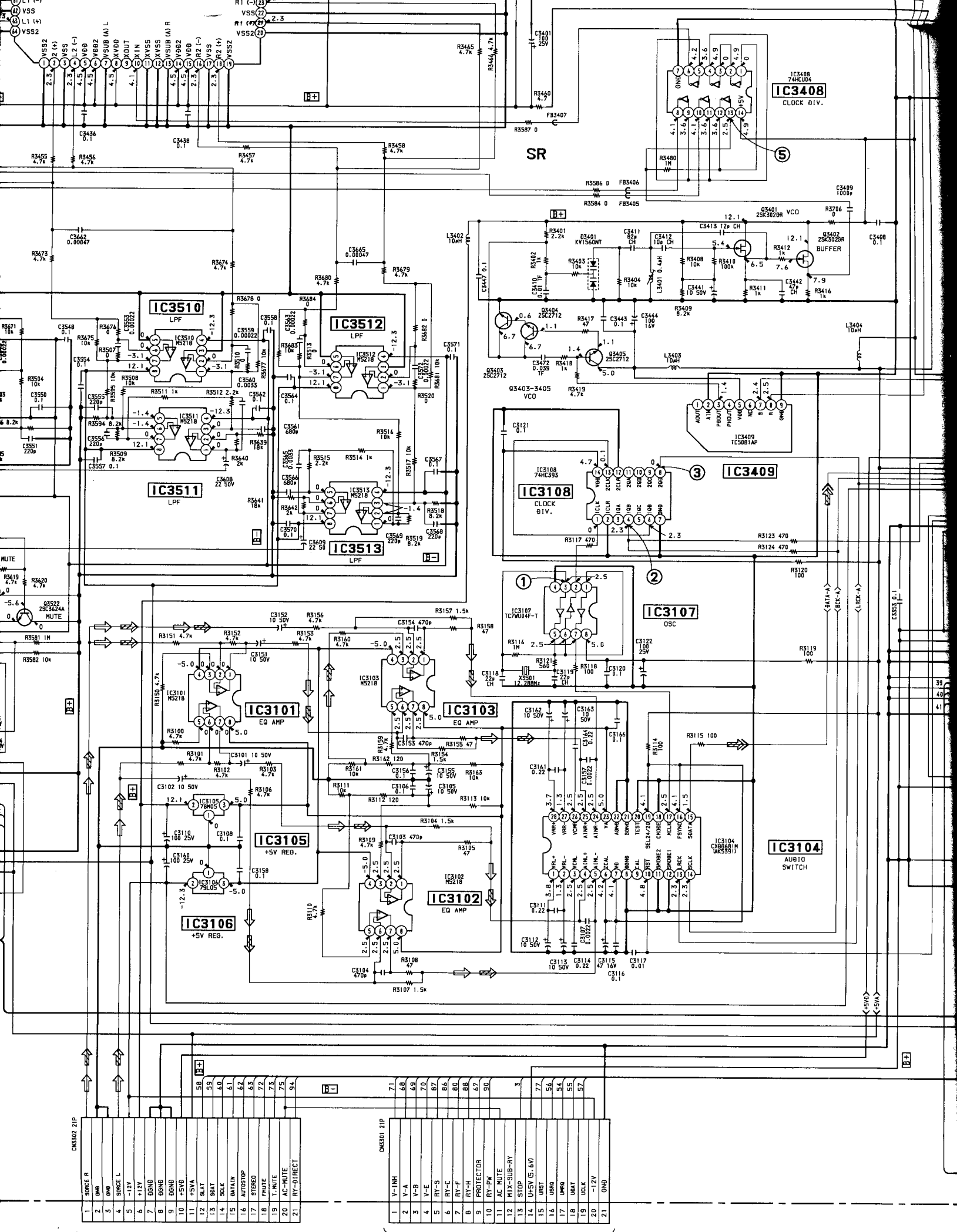
nd. pF:  $\mu$ F 50WV or  
and tantalums.  
otherwise specified.

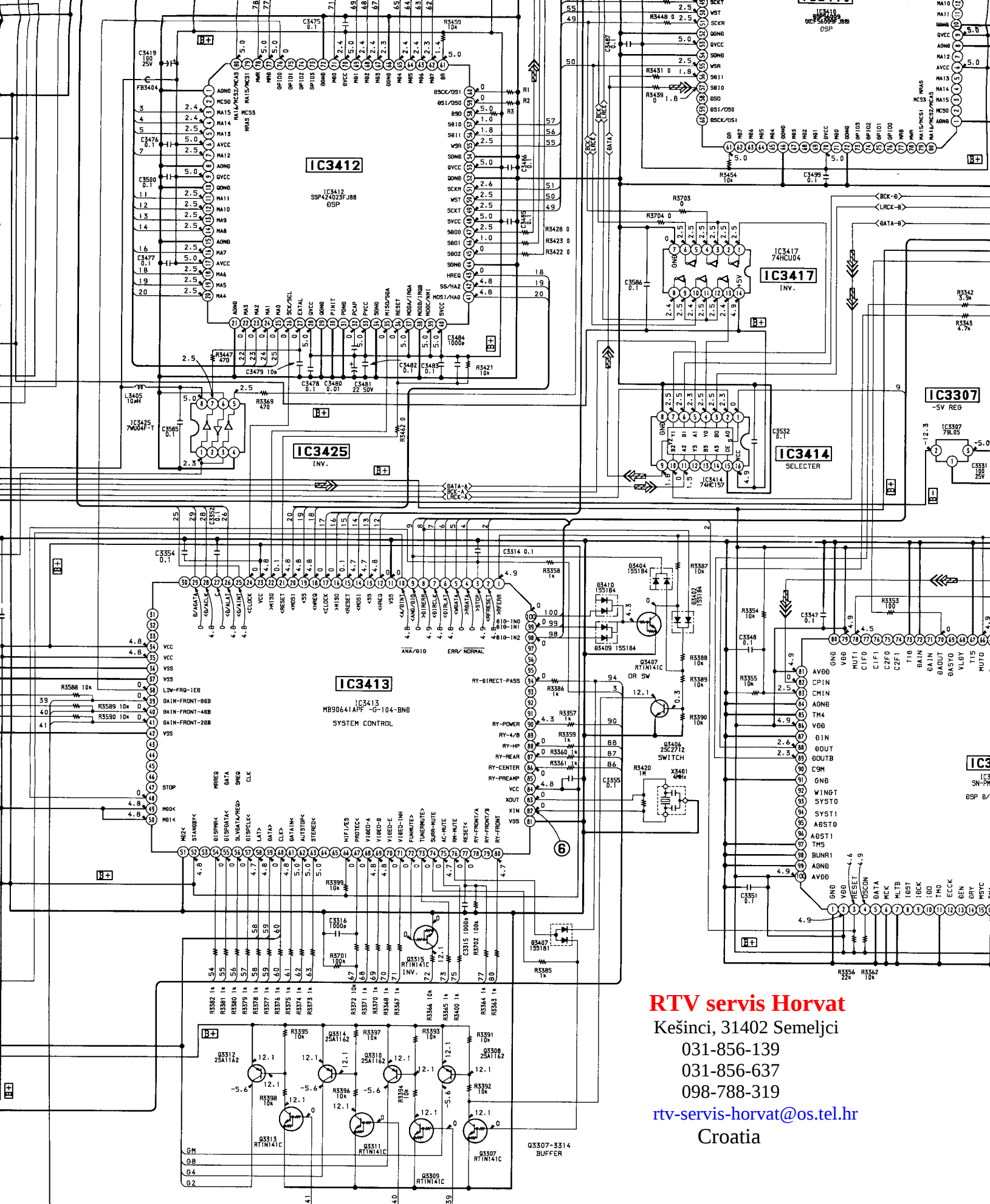
- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10M $\Omega$ /V).
- Signal path

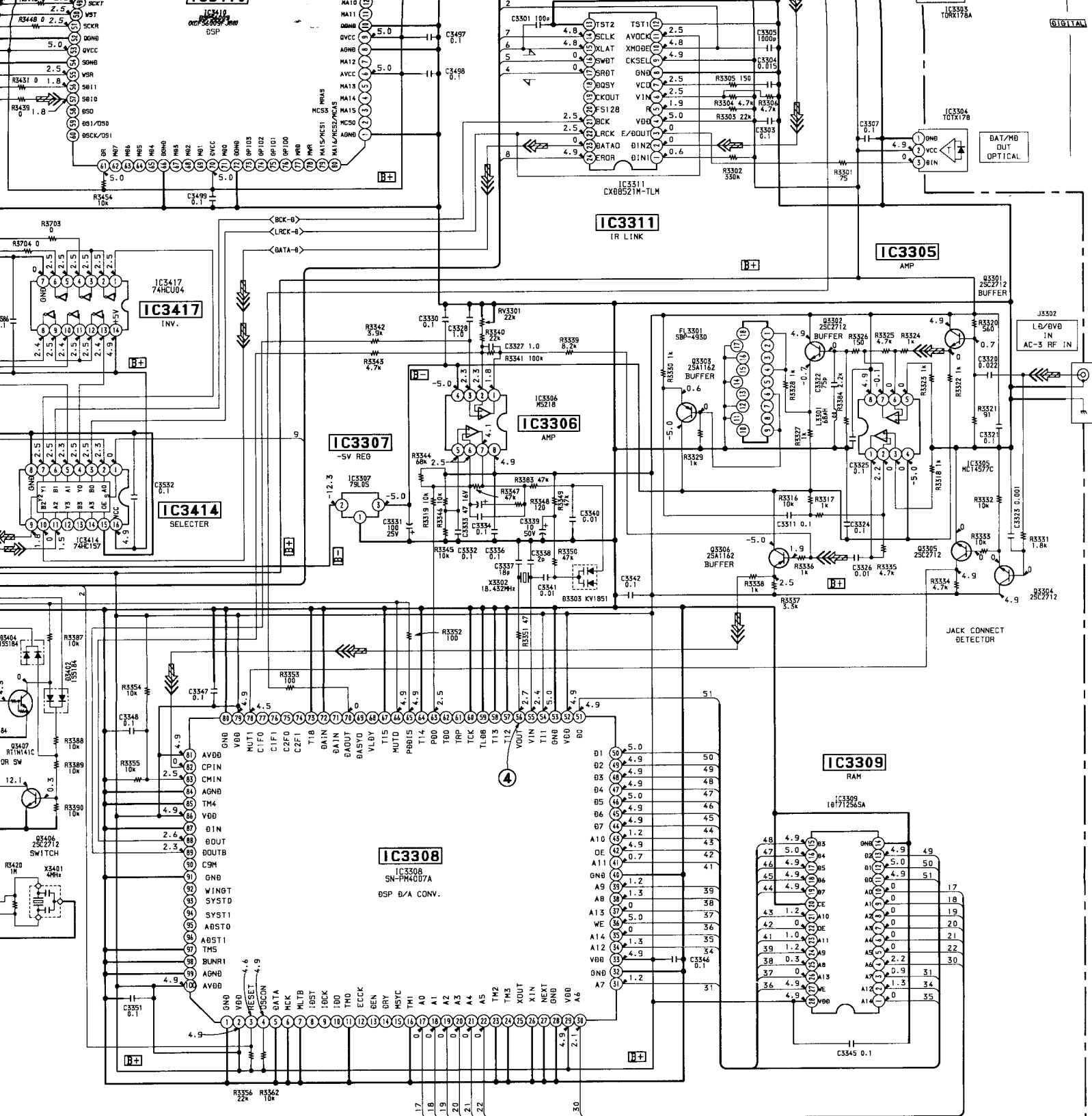
◁ : FM ▷ : CD (ANALOG) ⇨ : CD (DIGITAL)

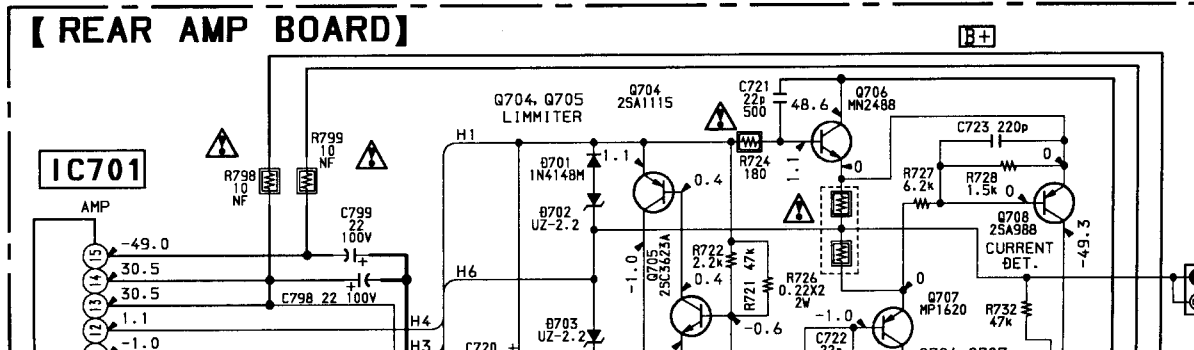
CN5402 21P

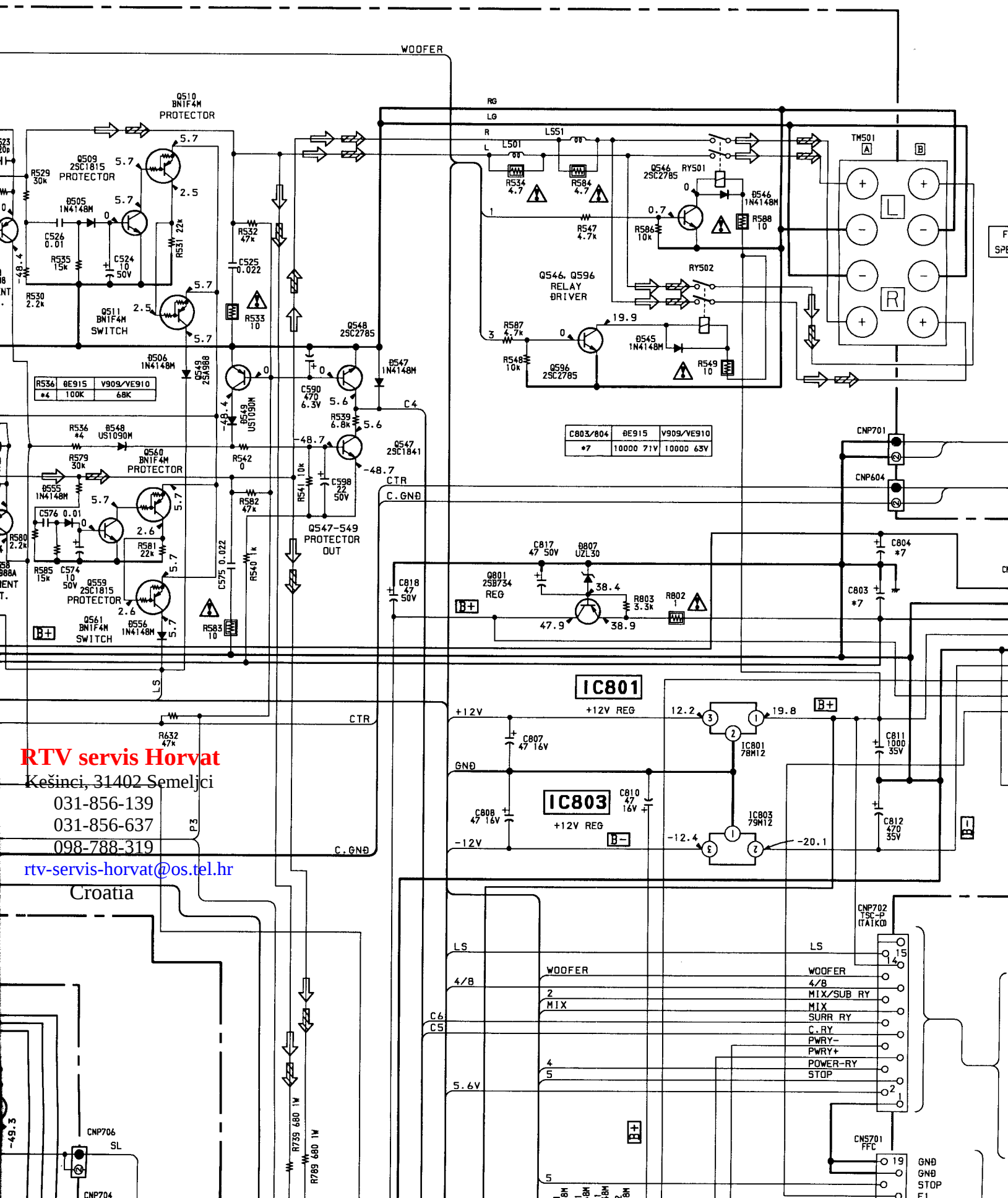












15

16

17

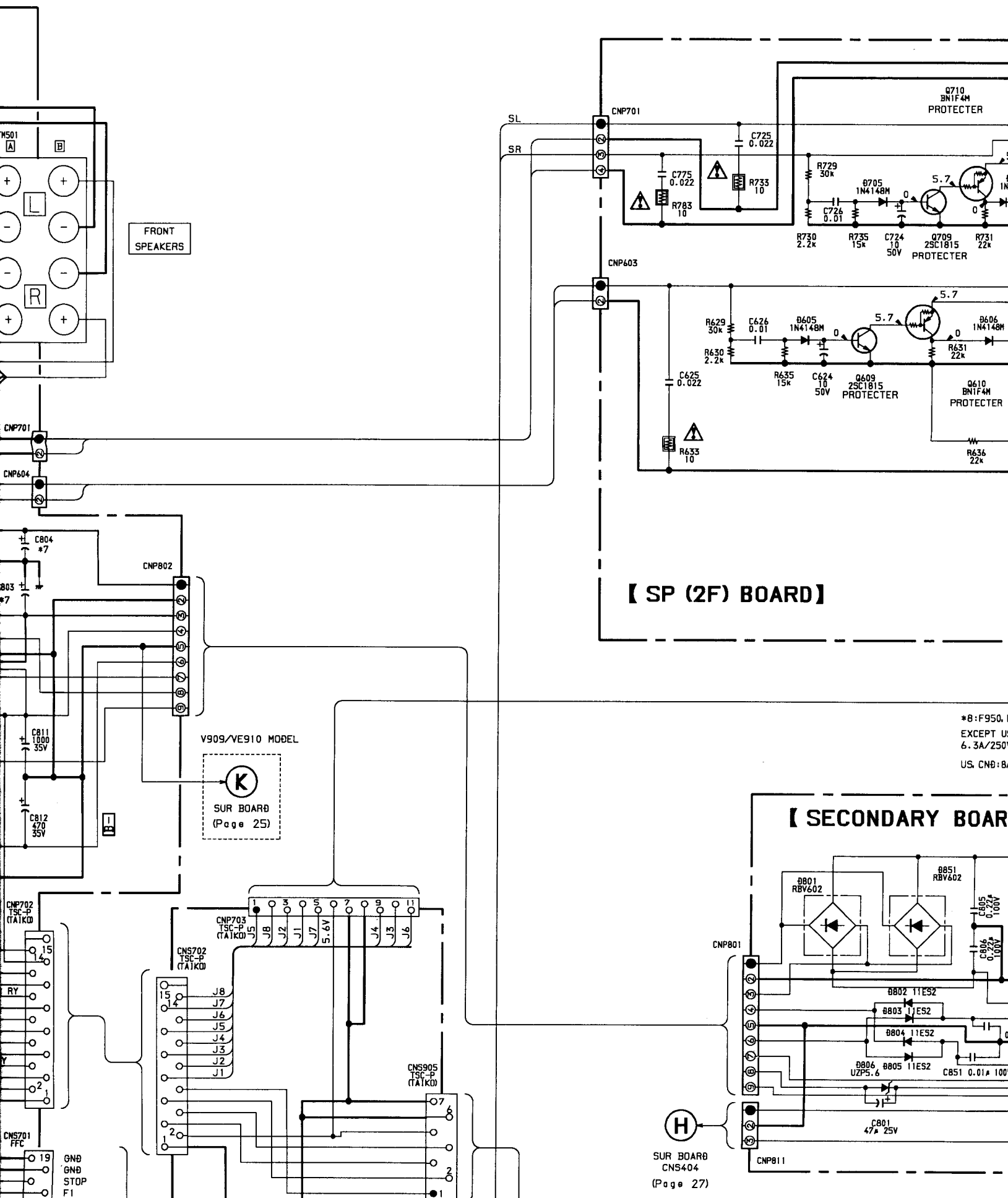
18

19

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21

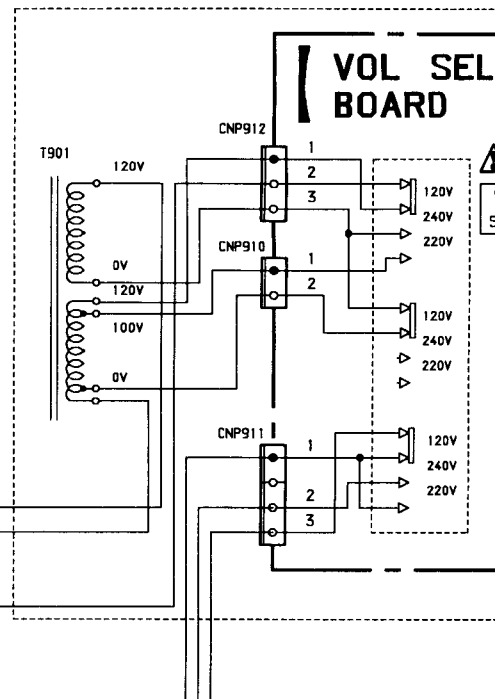
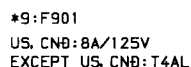
22



\*8:F950.  
EXCEPT U.  
6.3A/250V  
US. CN8:8

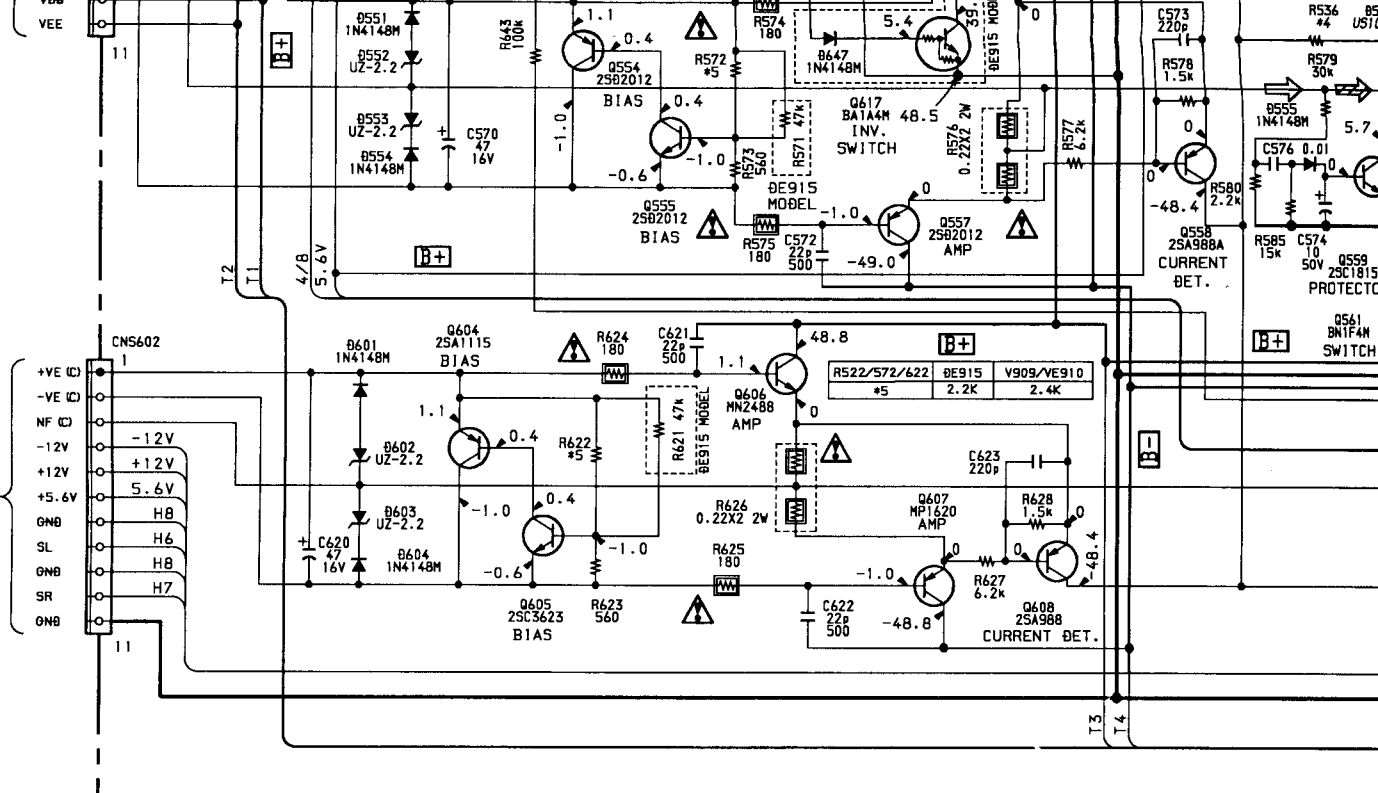


CNP81.1

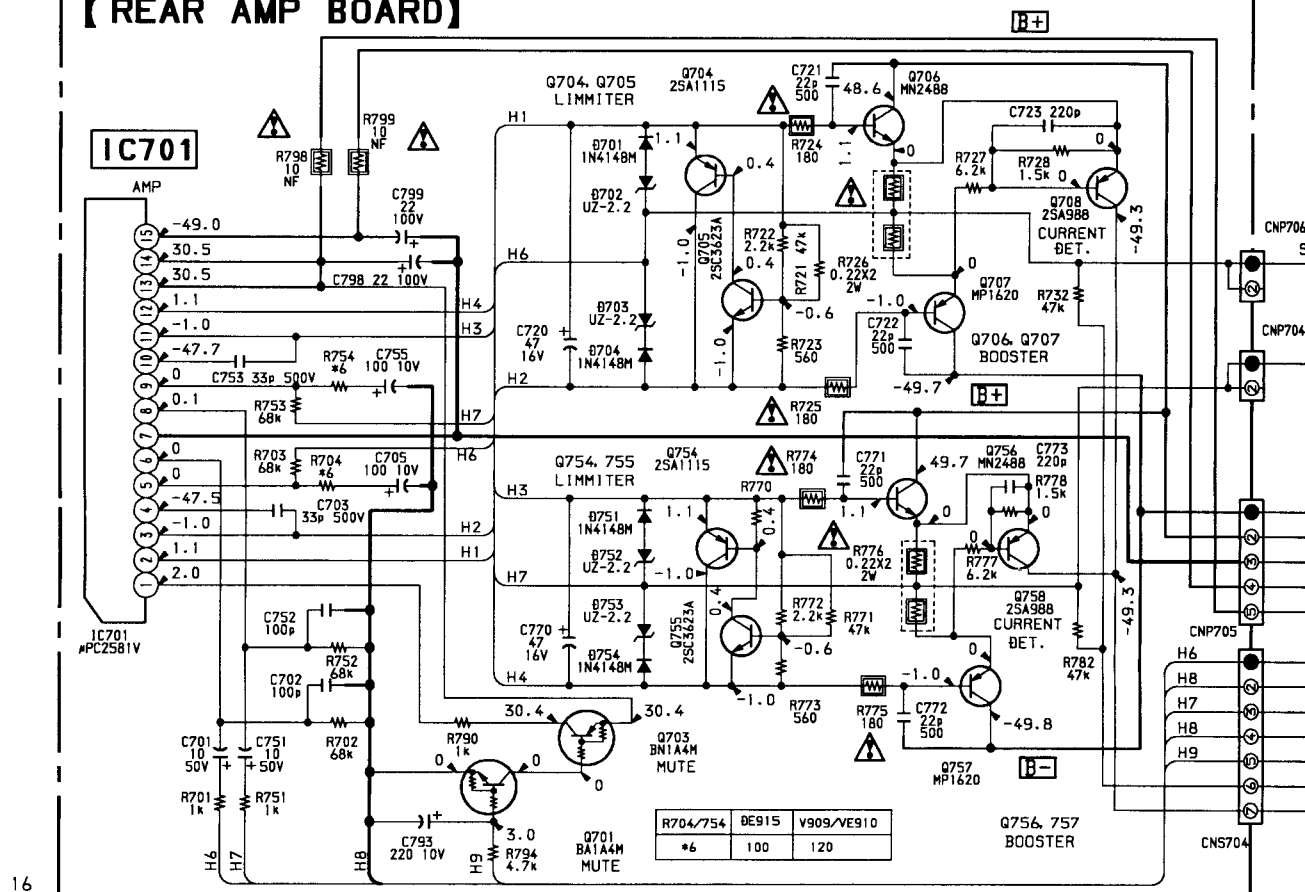


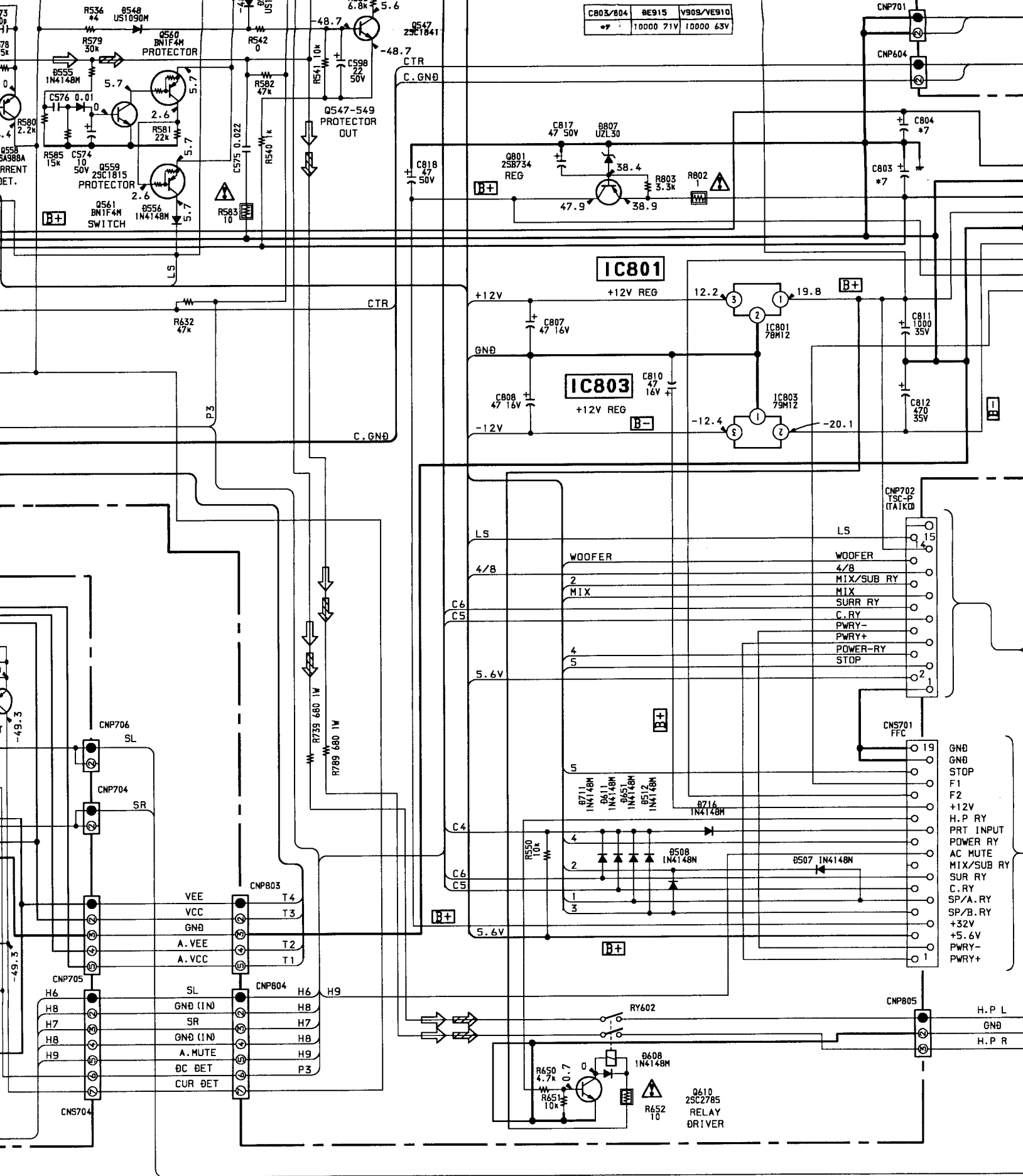


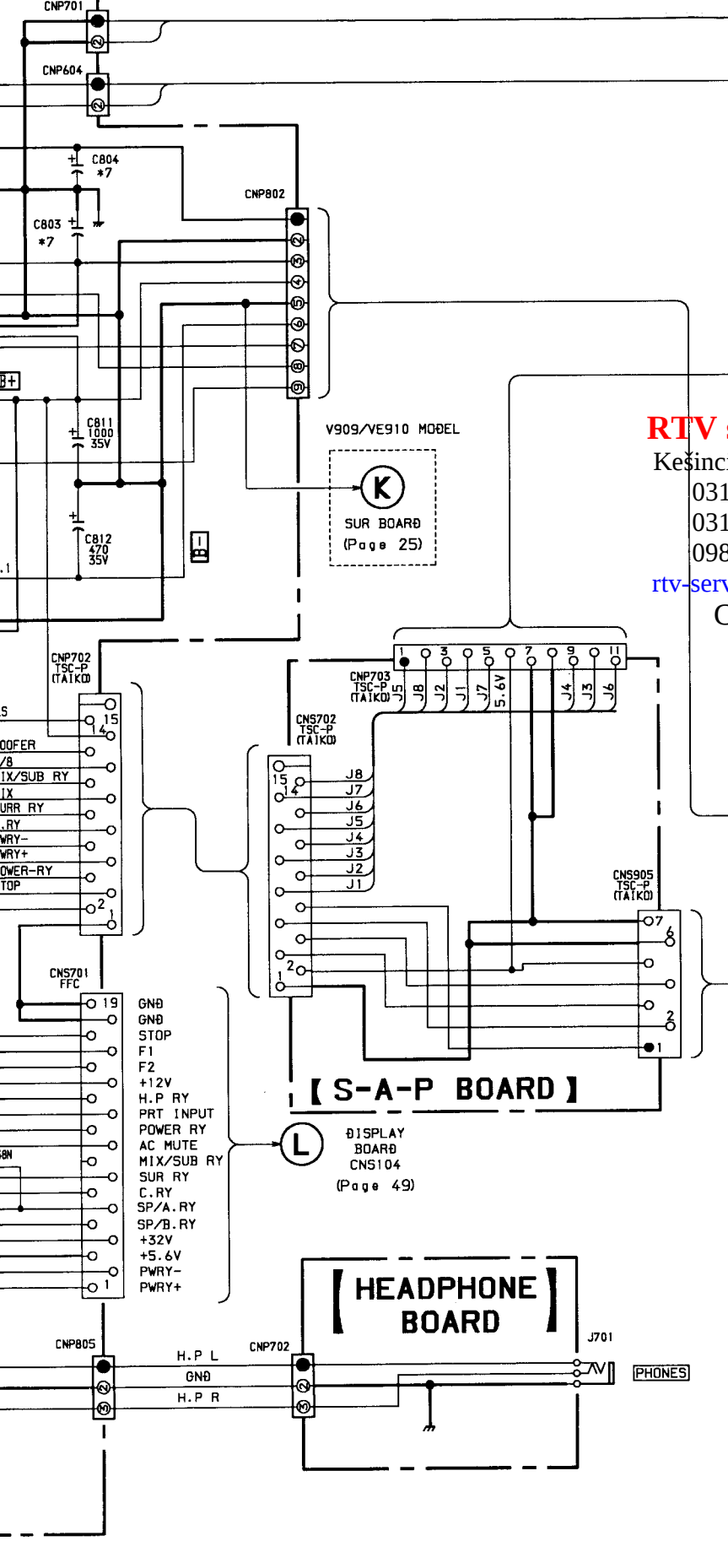
AMP JOINT (B)  
BOARD  
CNP602  
(Page 28)



# 【 REAR AMP BOARD 】







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031-856-139

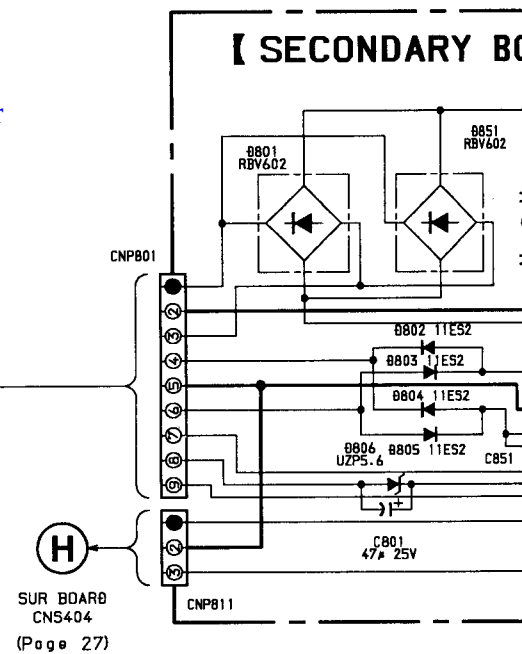
031-856-637

098-788-319

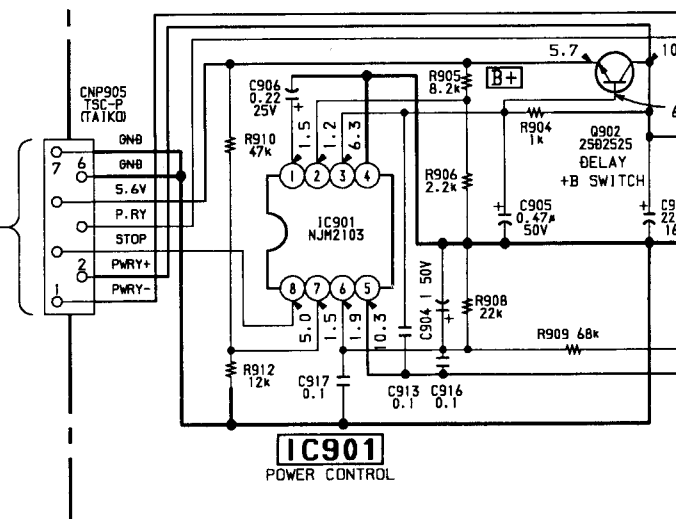
[rtv-servis-horvat@os.tel.hr](mailto:rtv-servis-horvat@os.tel.hr)

Croatia

**【 SP (2F) BOARD 】**



**【 PS BOARD 】**



# 【 SP (2F) BOARD 】

\*8:F950, F951  
EXCEPT US, CN8:  
6.3A/250V  
US, CN8: 8A/125V

# 【 SECONDARY BOARD 】

SUR BOARD  
CNS404  
(Page 27)

# 【 PS BOARD 】

IC901  
POWER CONTROL

T901  
POWER  
TRANSFORMER

\*9:F901  
US, CN8: 8A/125V  
EXCEPT US, CN8: T4AL

DE915:  
US, CN8  
MODEL

T901

F901  
\*9

E, PX MODEL

F903  
T4AL

CNP906  
1

2

3

CNP904  
1

2

F902  
T2.5AL

CNP903  
1

2

CNP901  
AC IN

US, CN8, PX, CH MODEL

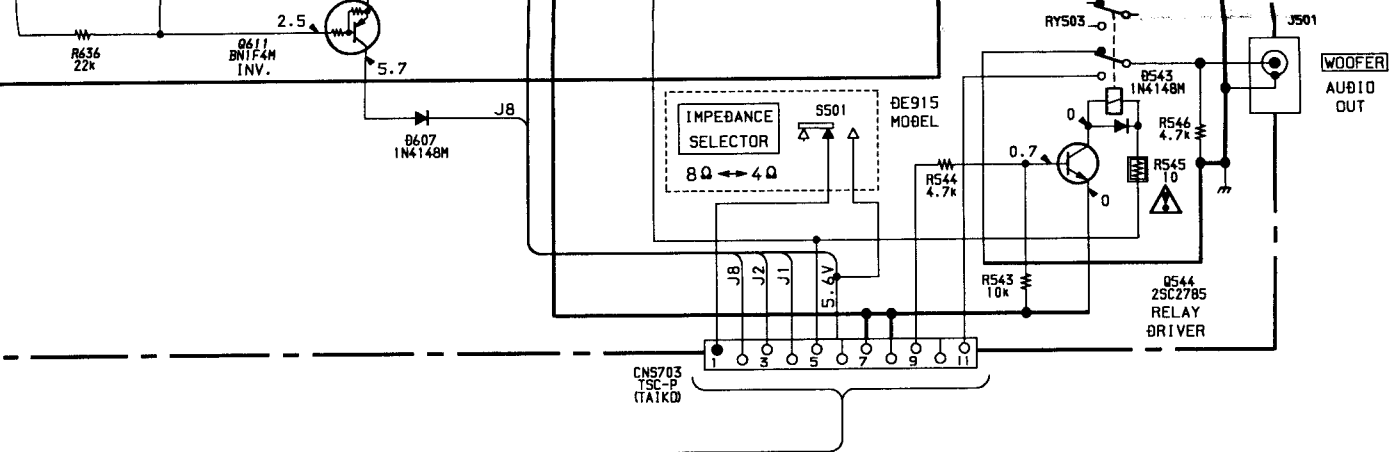
CNP909  
AC  
OUTLET

CNP901  
AC  
OUTLET

EXCEPT  
US, CN8  
MODEL

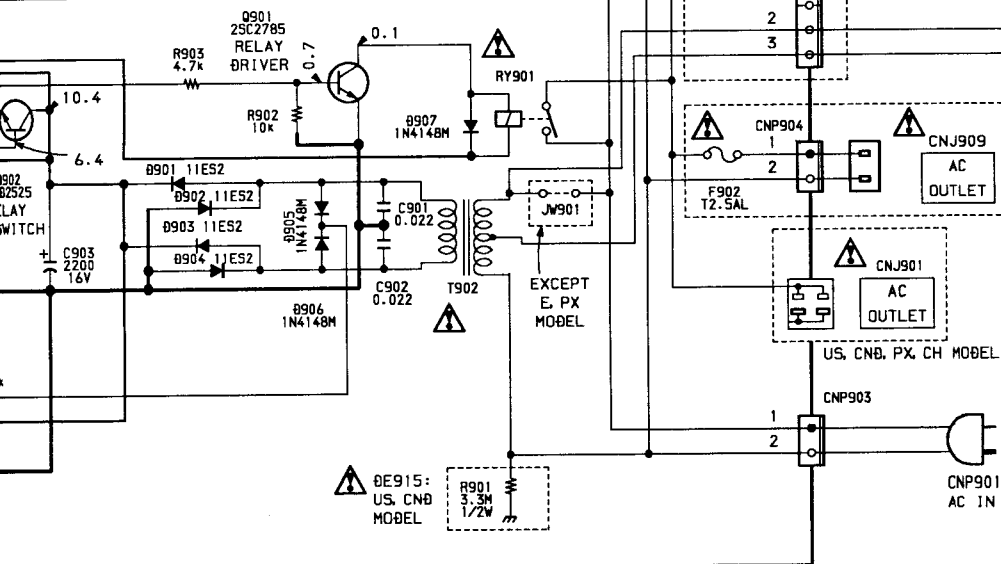
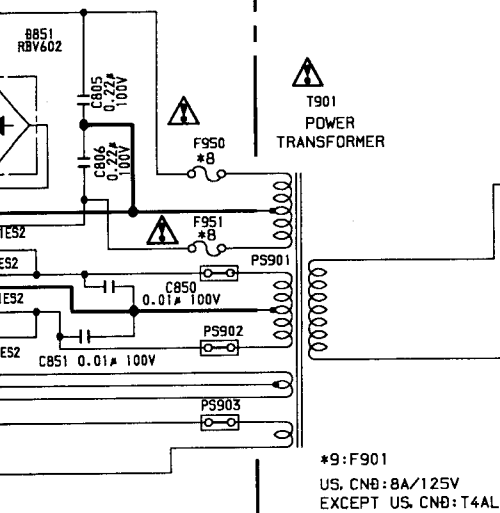
EXCEPT  
US, CN8  
MODEL

EXCEPT  
US, CN8  
MODEL

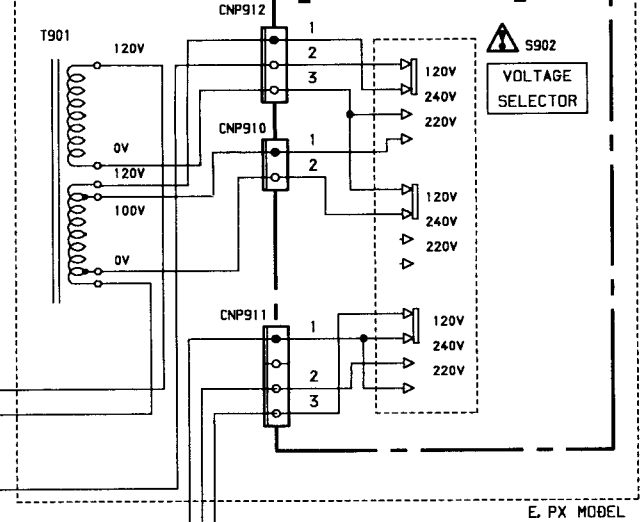


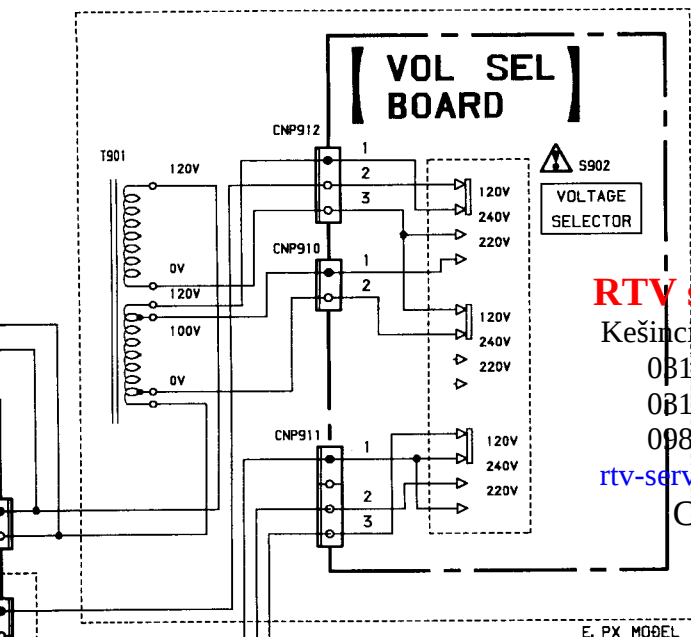
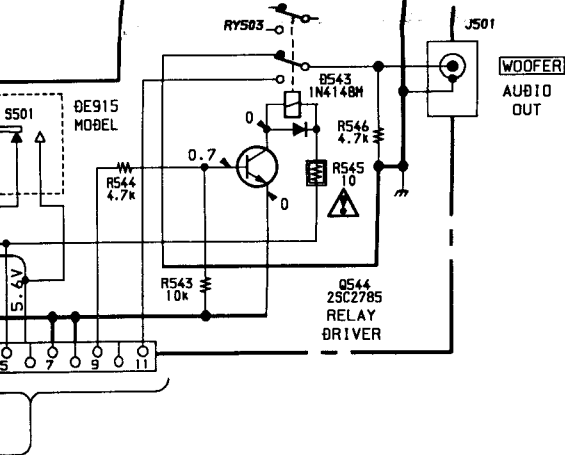
\*8:F950, F951  
 EXCEPT US, CN8:  
 6.3A/250V  
 US, CN8:8A/125V

## RY BOARD



## VOL SEL BOARD





**RTV servis Horvat**

Kešinci, 31402 Semeljci

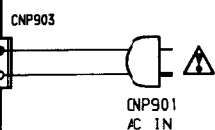
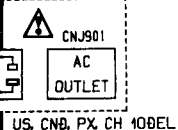
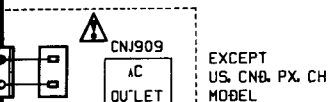
081-856-139

081-856-637

098-788-319

[rtv-servis-horvat@os.tel.hr](mailto:rtv-servis-horvat@os.tel.hr)

Croatia



#### Note :

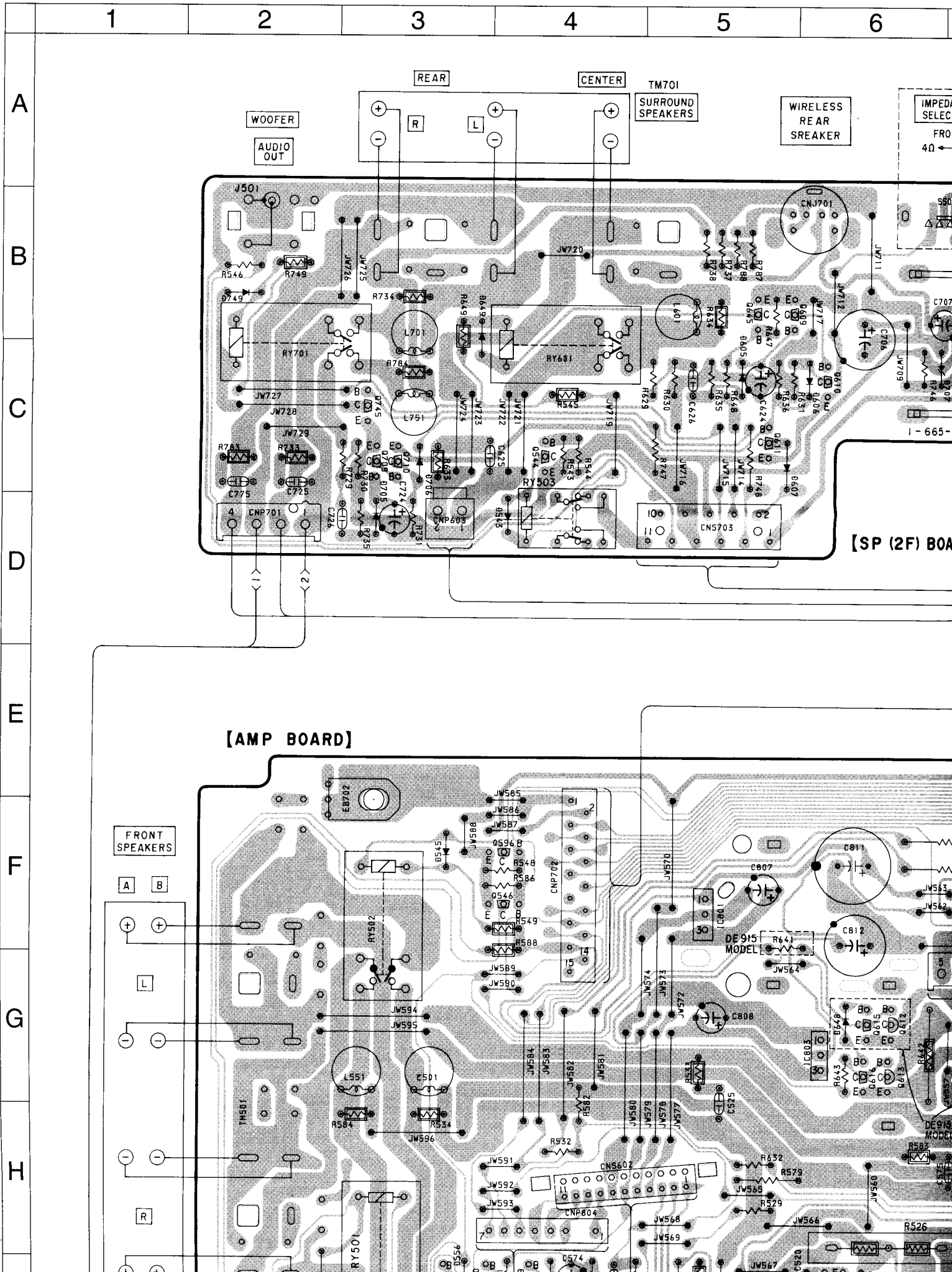
- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF:  $\mu\text{F}$  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and 1/4W or less unless otherwise specified.
- : non flammable resistor.
- : panel designation.
- : B+ Line.
- : B- Line.

The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

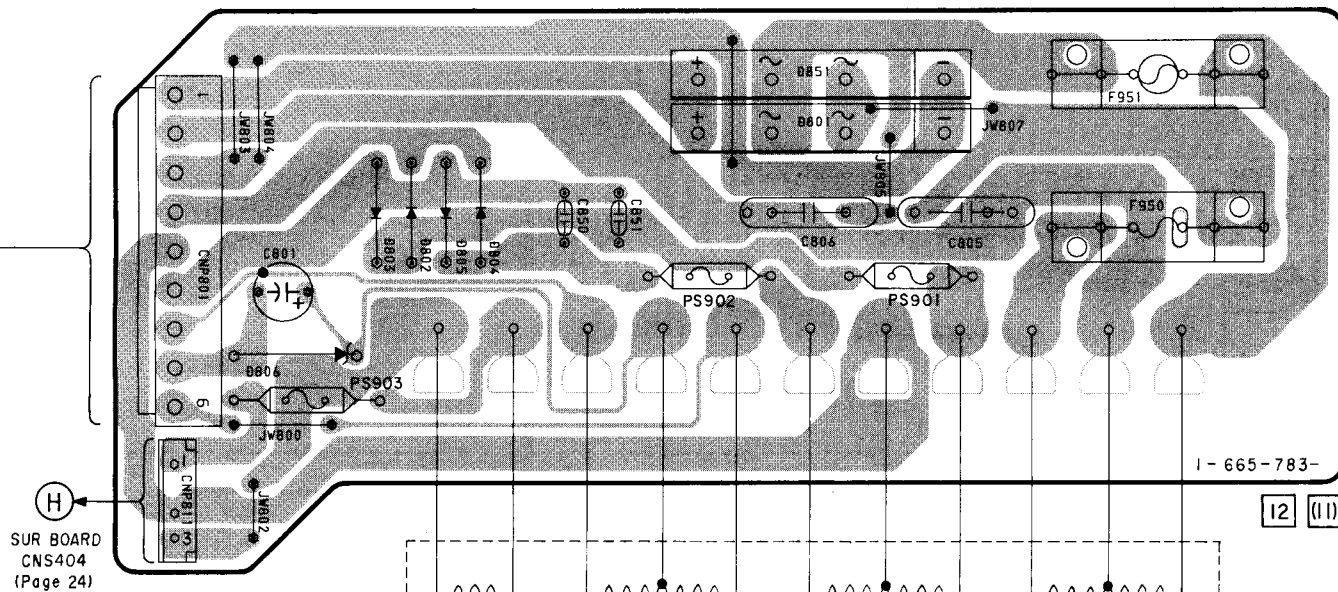
- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10M $\Omega$ /V).
- Signal path  
 : FM : CD (ANALOG)
- Abbreviation  
CND : Canadian

2-12. PRINTED WIRING BOARD — AMP, POWER SUPPLY SECTION —

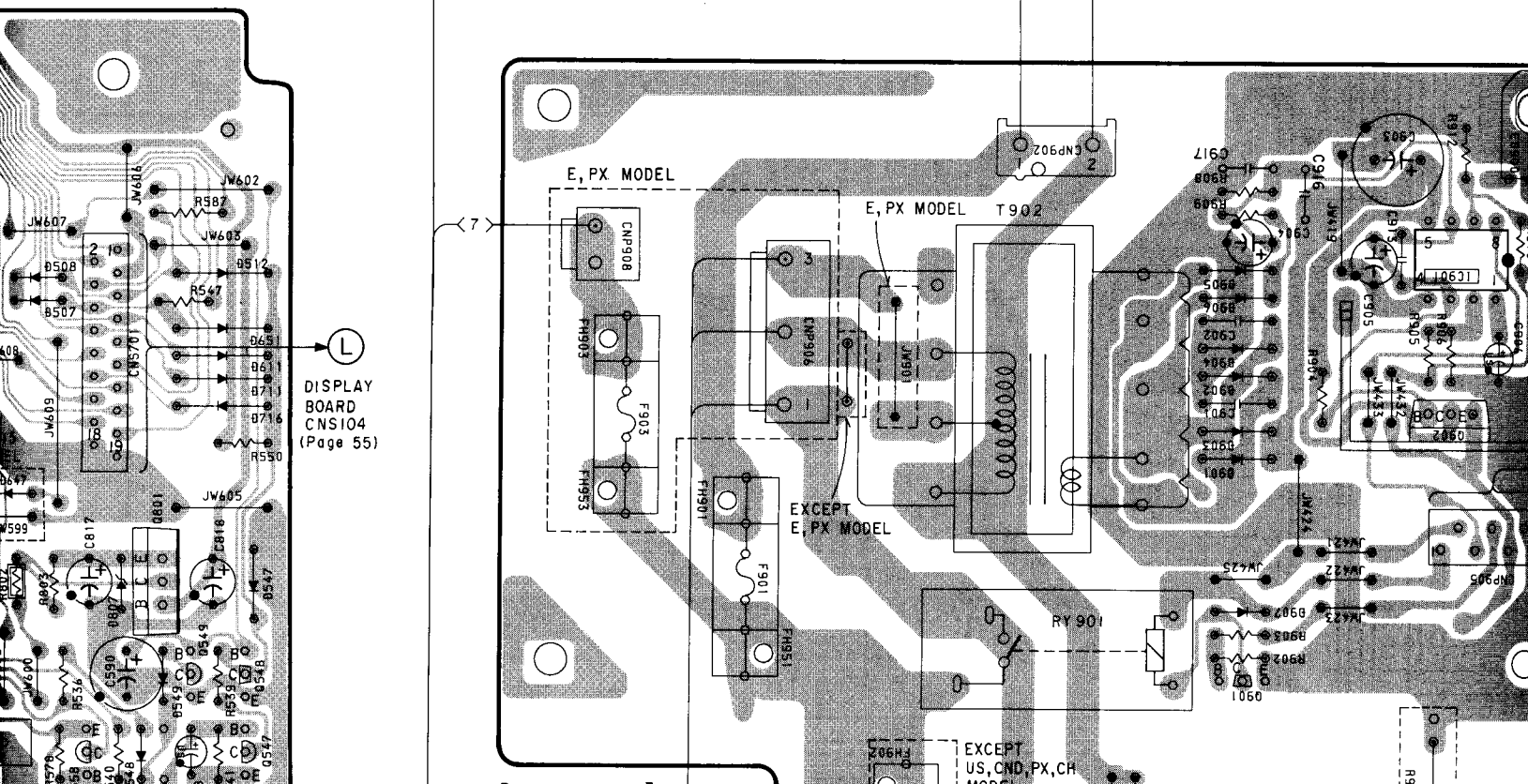
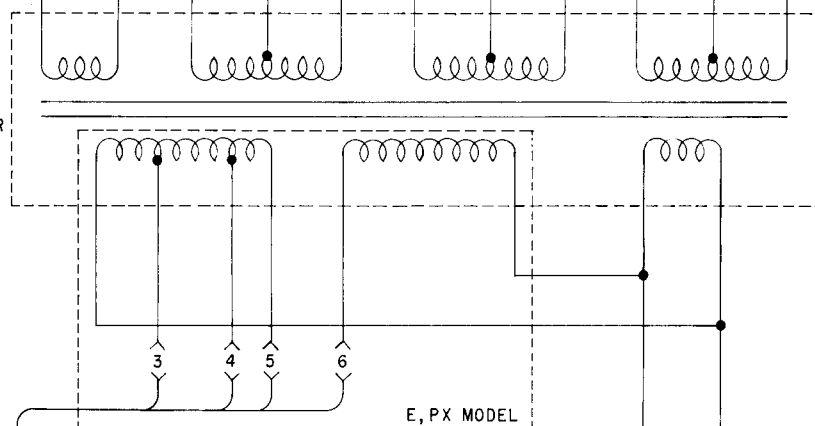
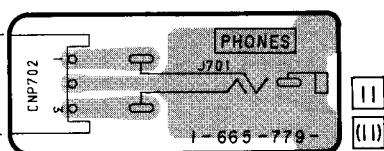




**[SECONDARY BOARD]**



**【HEADPHONE BOARD】**



17

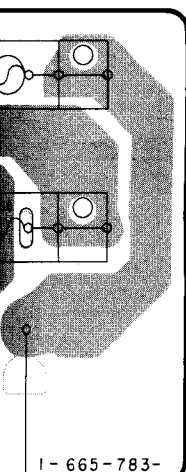
18

19

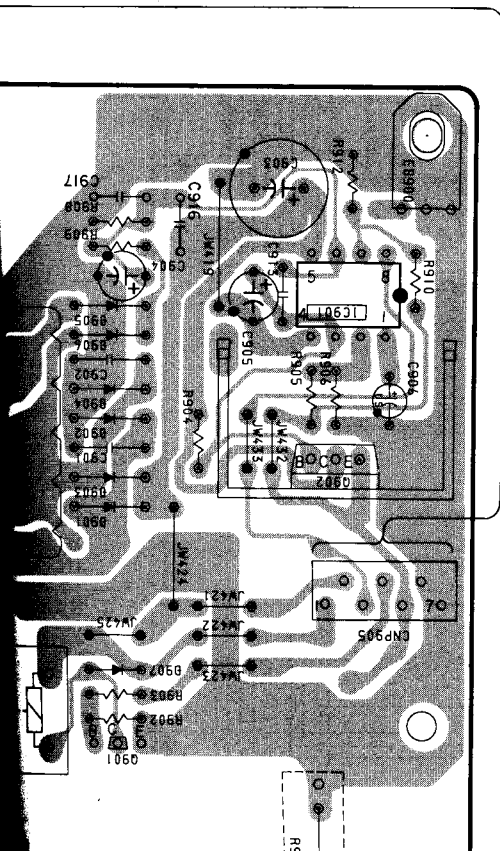
20

21

22



12 (11)



## • Semiconductor Location

| Ref. No. | Location | Ref. No. | Location |
|----------|----------|----------|----------|
| D501     | I-5      | IC701    | L-5      |
| D502     | I-5      | IC801    | F-5      |
| D503     | I-6      | IC803    | G-6      |
| D504     | I-6      | IC901    | G-18     |
| D505     | I-4      |          |          |
| D506     | I-3      | Q504     | I-6      |
| D507     | G-12     | Q505     | I-6      |
| D508     | G-12     | Q506     | I-5      |
| D512     | G-13     | Q507     | I-6      |
| D543     | D-4      | Q508     | I-7      |
| D545     | F-3      | Q509     | I-4      |
| D546     | I-2      | Q510     | I-3      |
| D547     | H-13     | Q511     | I-3      |
| D548     | I-12     | Q544     | C-4      |
| D549     | H-12     | Q546     | F-4      |
| D551     | I-10     | Q547     | I-13     |
| D552     | I-10     | Q548     | H-13     |
| D553     | I-11     | Q549     | H-12     |
| D554     | I-11     | Q554     | I-11     |
| D555     | I-4      | Q555     | I-11     |
| D556     | I-3      | Q556     | I-10     |
| D601     | I-7      | Q557     | I-11     |
| D602     | I-7      | Q558     | I-12     |
| D603     | I-9      | Q559     | I-4      |
| D604     | I-9      | Q560     | I-3      |
| D605     | C-5      | Q561     | I-3      |
| D606     | C-6      | Q596     | F-4      |
| D607     | C-5      | Q604     | I-8      |
| D608     | F-10     | Q605     | I-8      |

• Semiconductor Location

| Ref. No. | Location | Ref. No. | Location |
|----------|----------|----------|----------|
| D501     | I-5      | IC701    | L-5      |
| D502     | I-5      | IC801    | F-5      |
| D503     | I-6      | IC803    | G-6      |
| D504     | I-6      | IC901    | G-18     |
| D505     | I-4      |          |          |
| D506     | I-3      | Q504     | I-6      |
| D507     | G-12     | Q505     | I-6      |
| D508     | G-12     | Q506     | I-5      |
| D512     | G-13     | Q507     | I-6      |
| D543     | D-4      | Q508     | I-7      |
| D545     | F-3      | Q509     | I-4      |
| D546     | I-2      | Q510     | I-3      |
| D547     | H-13     | Q511     | I-3      |
| D548     | I-12     | Q544     | C-4      |
| D549     | H-12     | Q546     | F-4      |
| D551     | I-10     | Q547     | I-13     |
| D552     | I-10     | Q548     | H-13     |
| D553     | I-11     | Q549     | H-12     |
| D554     | I-11     | Q554     | I-11     |
| D555     | I-4      | Q555     | I-11     |
| D556     | I-3      | Q556     | I-10     |
| D601     | I-7      | Q557     | I-11     |
| D602     | I-7      | Q558     | I-12     |
| D603     | I-9      | Q559     | I-4      |
| D604     | I-9      | Q560     | I-3      |
| D605     | C-5      | Q561     | I-3      |
| D606     | C-6      | Q596     | F-4      |
| D607     | C-5      | Q604     | I-8      |
| D608     | F-10     | Q605     | I-8      |
| D611     | G-13     | Q606     | I-8      |
| D647     | G-11     | Q607     | I-9      |
| D648     | G-6      | Q608     | I-9      |
| D649     | B-3      | Q609     | B-6      |
| D651     | G-13     | Q610     | F-10     |
| D701     | K-3      | Q610     | C-6      |
| D702     | K-4      | Q611     | C-5      |
| D703     | K-4      | Q612     | G-6      |
| D704     | L-4      | Q613     | G-6      |
| D705     | D-3      | Q614     | H-11     |
| D706     | C-3      | Q615     | G-6      |
| D707     | C-6      | Q616     | G-6      |
| D711     | G-13     | Q617     | H-11     |
| D716     | G-13     | Q618     | H-11     |
| D749     | B-2      | Q645     | B-5      |
| D751     | K-7      | Q701     | K-5      |
| D752     | K-8      | Q703     | K-5      |
| D753     | L-8      | Q704     | K-4      |
| D754     | L-8      | Q705     | L-3      |
| D801     | B-15     | Q706     | L-3      |
| D802     | B-13     | Q707     | L-4      |
| D803     | B-13     | Q708     | K-2      |
| D804     | B-14     | Q709     | C-3      |
| D805     | B-14     | Q710     | C-3      |
| D806     | C-13     | Q745     | C-3      |
| D807     | H-12     | Q748     | C-7      |
| D851     | B-15     | Q754     | K-7      |
| D901     | G-17     | Q755     | L-7      |
| D902     | G-17     | Q756     | L-7      |
| D903     | G-17     | Q757     | L-8      |
| D904     | G-17     | Q758     | K-8      |
| D905     | G-17     | Q801     | H-12     |
| D906     | G-17     | Q901     | H-17     |
| D907     | H-17     | Q902     | G-18     |

[AMP BOARD]

FRONT  
SPEAKERS

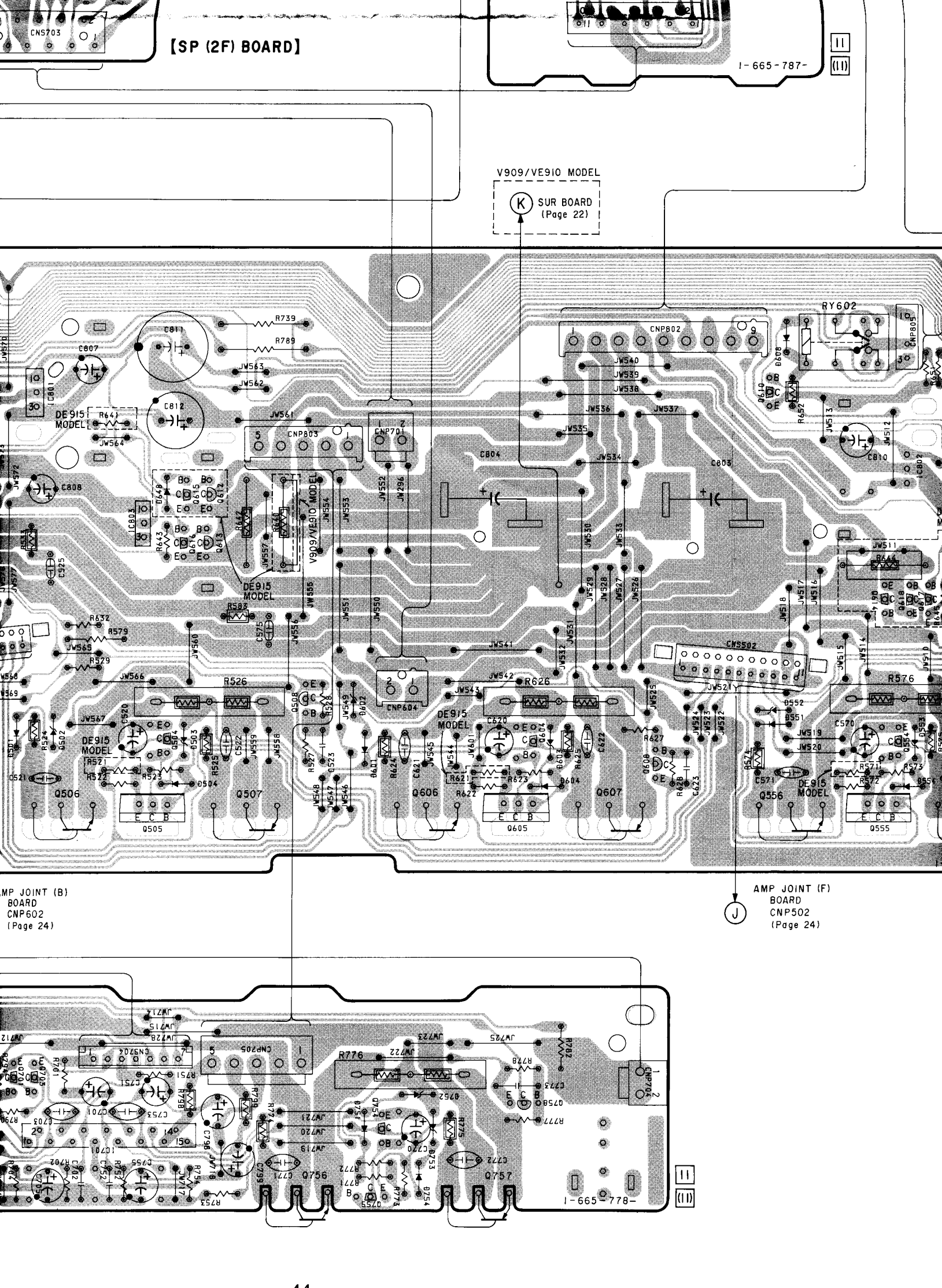
A B

L

R

AMP JOINT (B)  
BOARD  
CNP602  
(Page 24)

[REAR AMP BOARD]



[SP (2F) BOARD]

1-665-787-

V909/VE910 MODEL

(K) SUR BOARD  
(Page 22)

AMP JOINT (B)  
BOARD  
CNP602  
(Page 24)

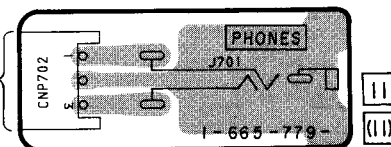
AMP JOINT (F)  
BOARD  
CNP502  
(Page 24)

1-665-778-

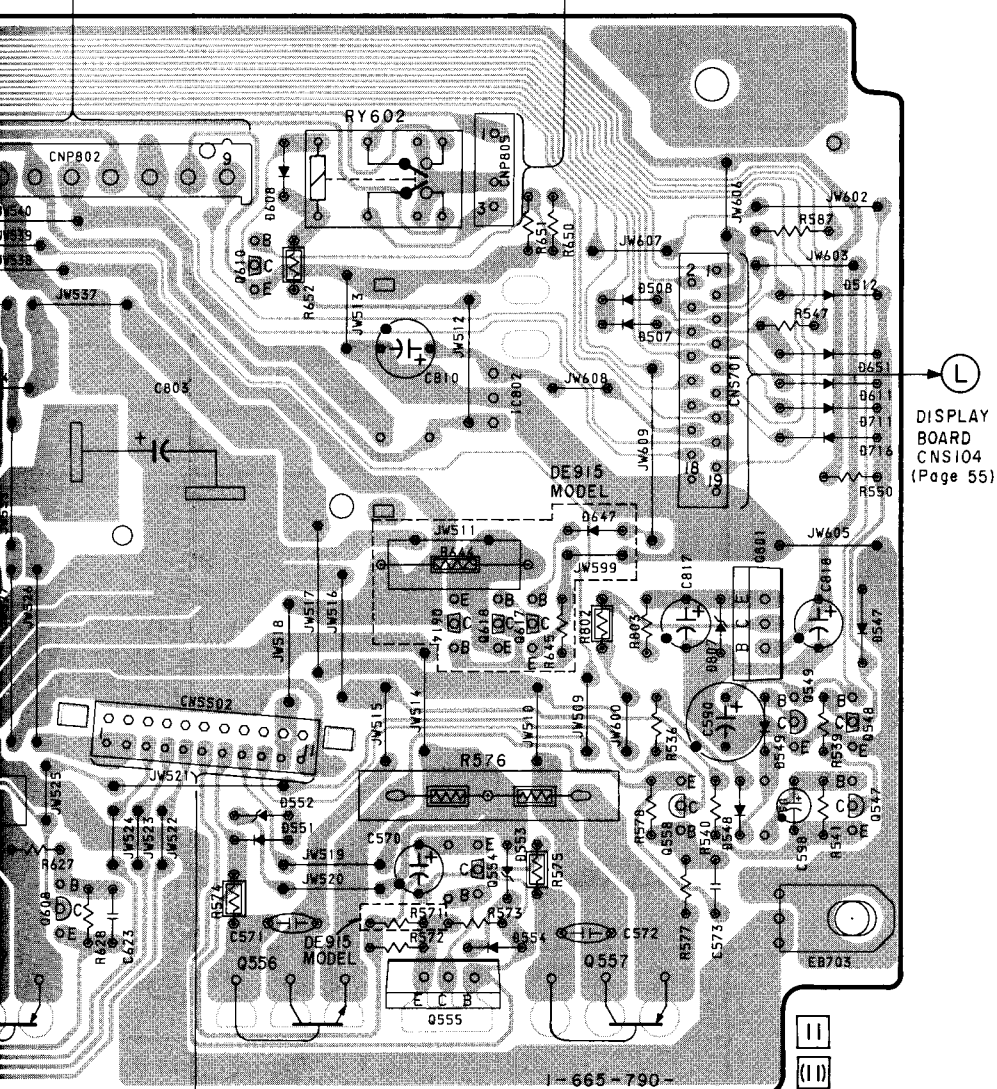
T901  
POWER  
TRANSFORMER

1-665-787-

## 【HEADPHONE BOARD】

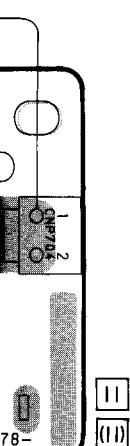


E, PX MODEL

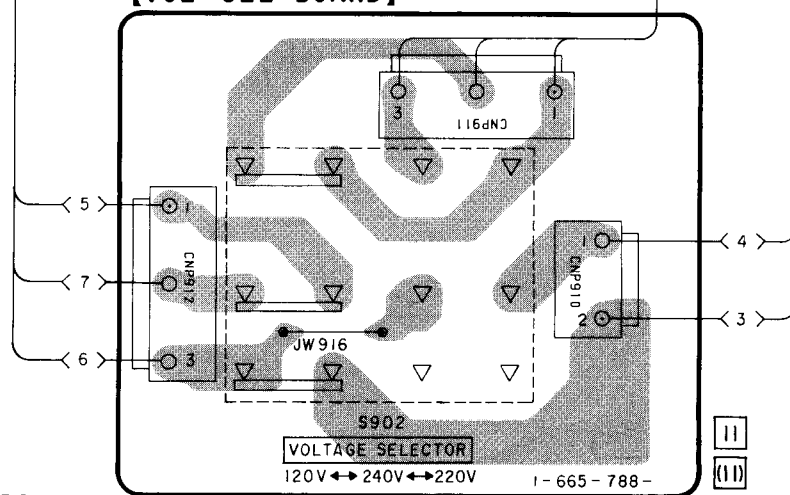


DISPLAY  
BOARD  
CNS104  
(Page 55)

AMP JOINT (F)  
BOARD  
CNP502  
(Page 24)



【VOL SEL BOARD】



IE,PX MODEL

1-665-788-

EXCEP

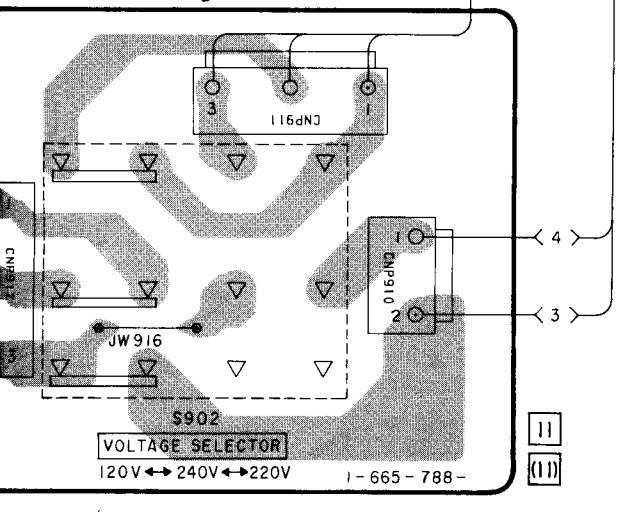
565-779-



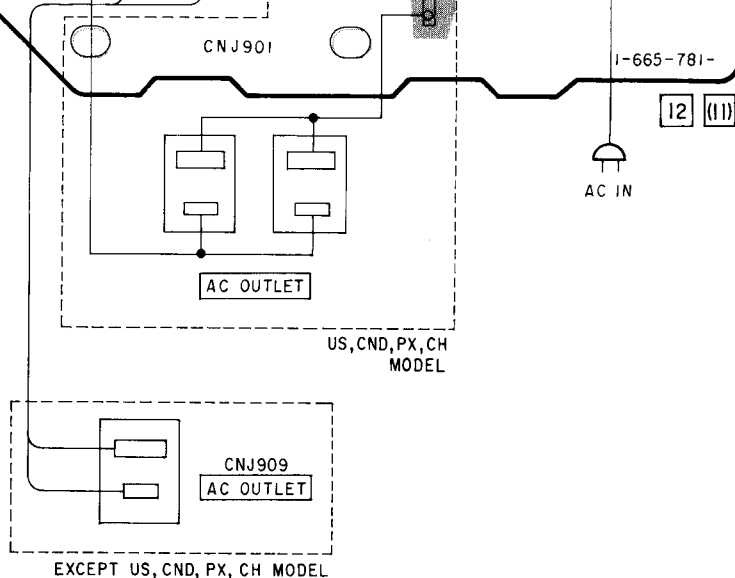
DISPLAY  
BOARD  
CNS104  
(Page 55)

**【PS BOARD】**

SEL BOARD]

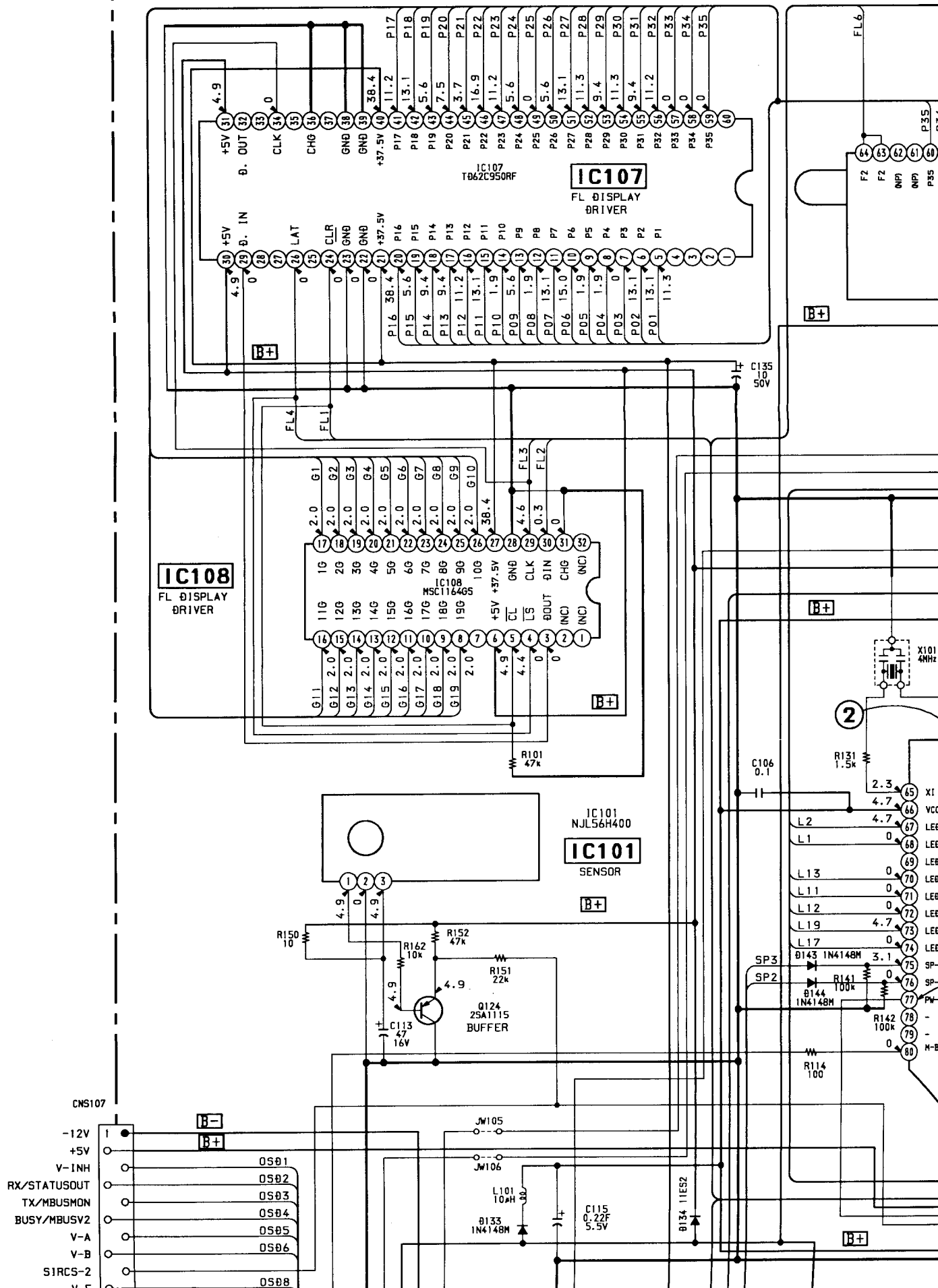


-----  
EXCEPT US, CND, PX, CH MODEL



1 2 3 4 5 6 7 8

## [ DISPLAY BOARD ]



6

7

8

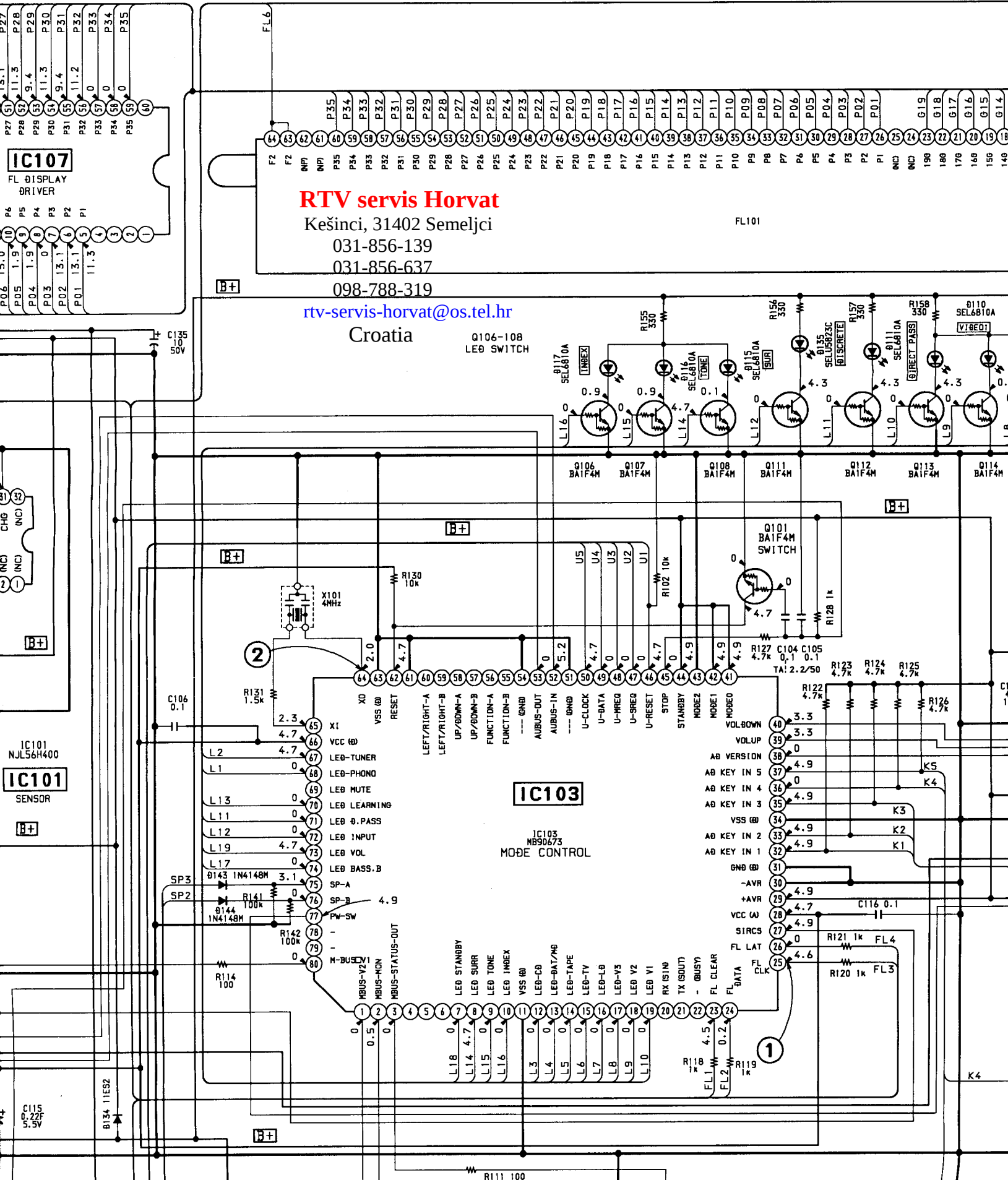
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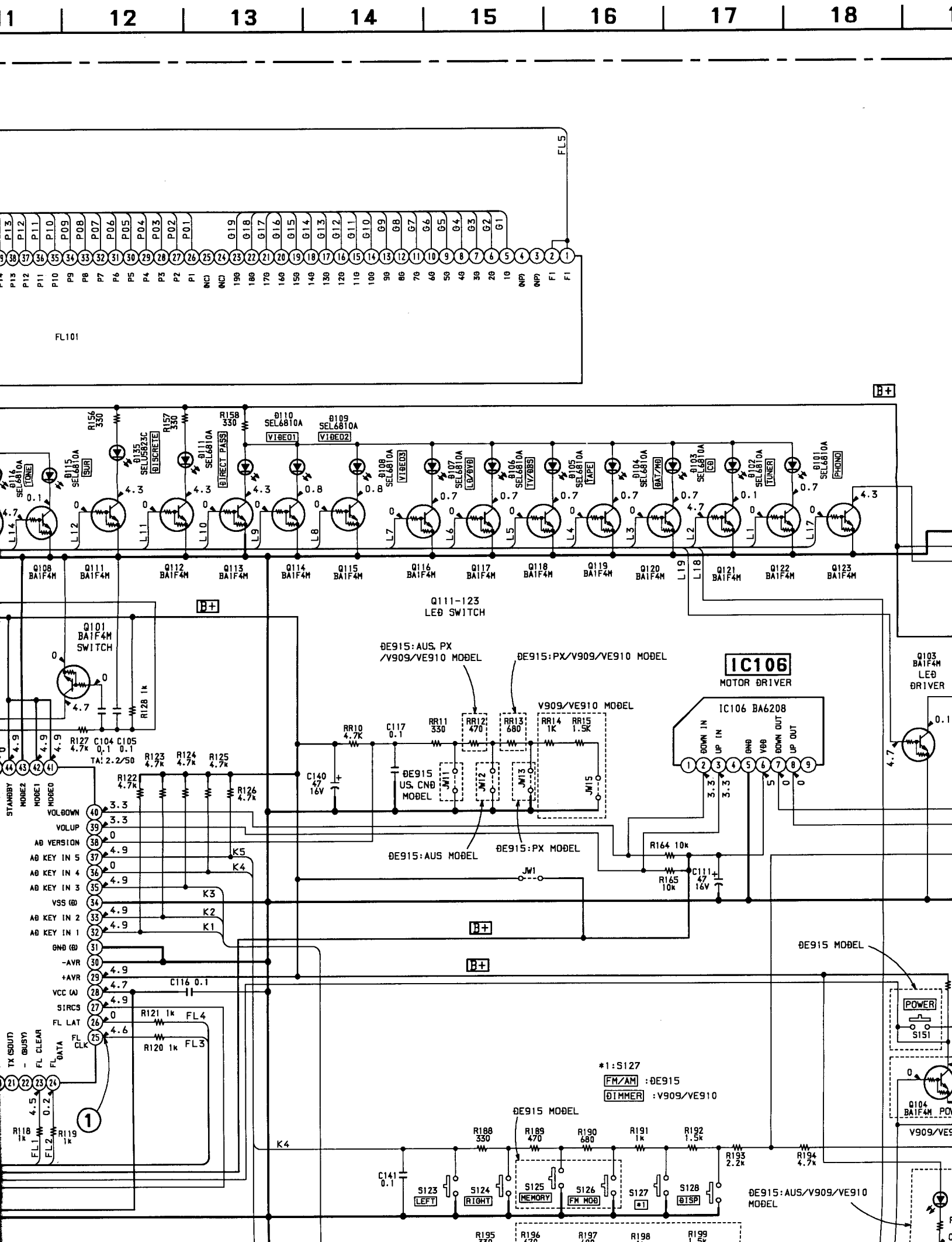
10

11

12

13





# RTV servis Horvat

Kešinci, 31402 Semeljci

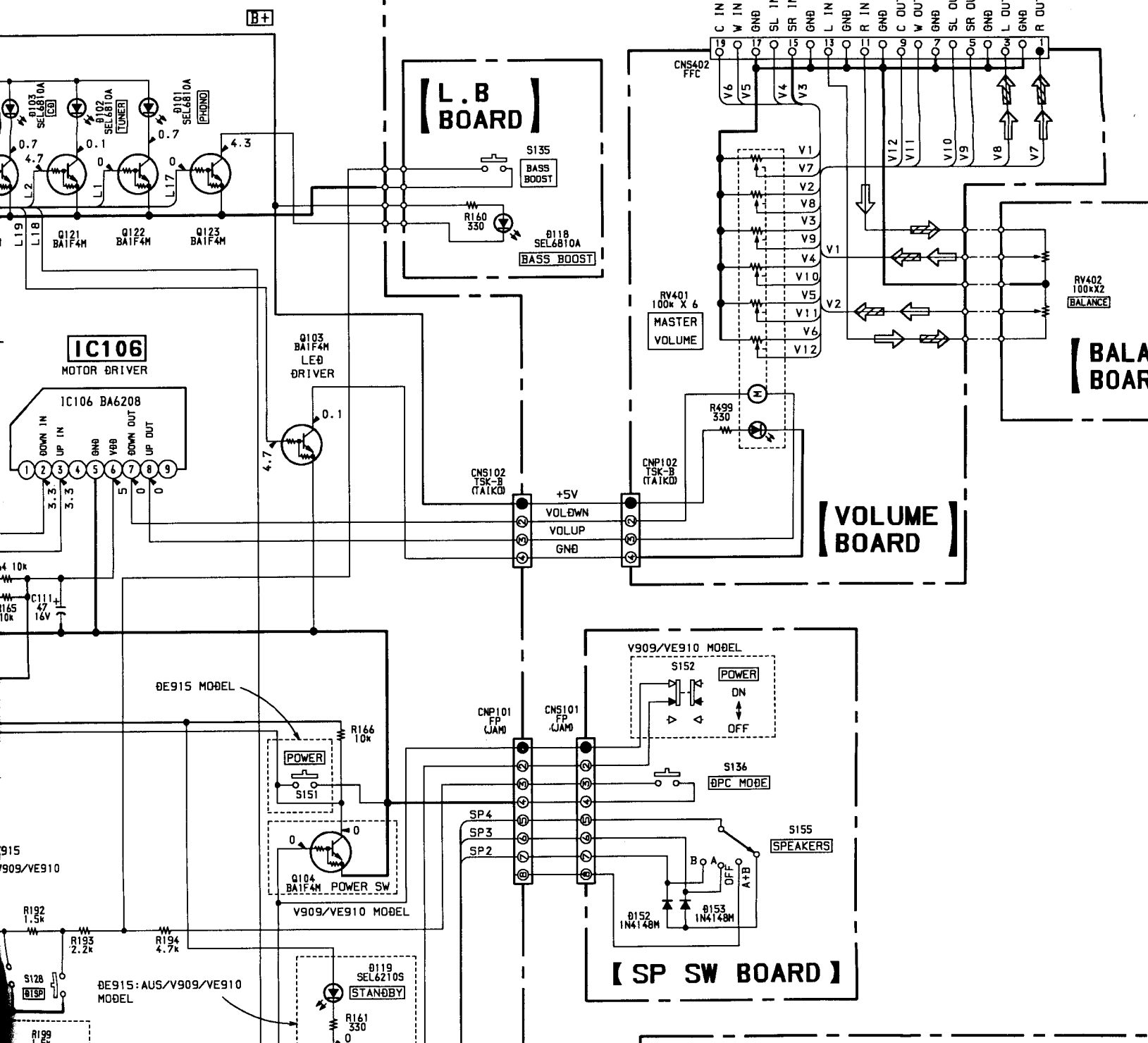
031-856-139

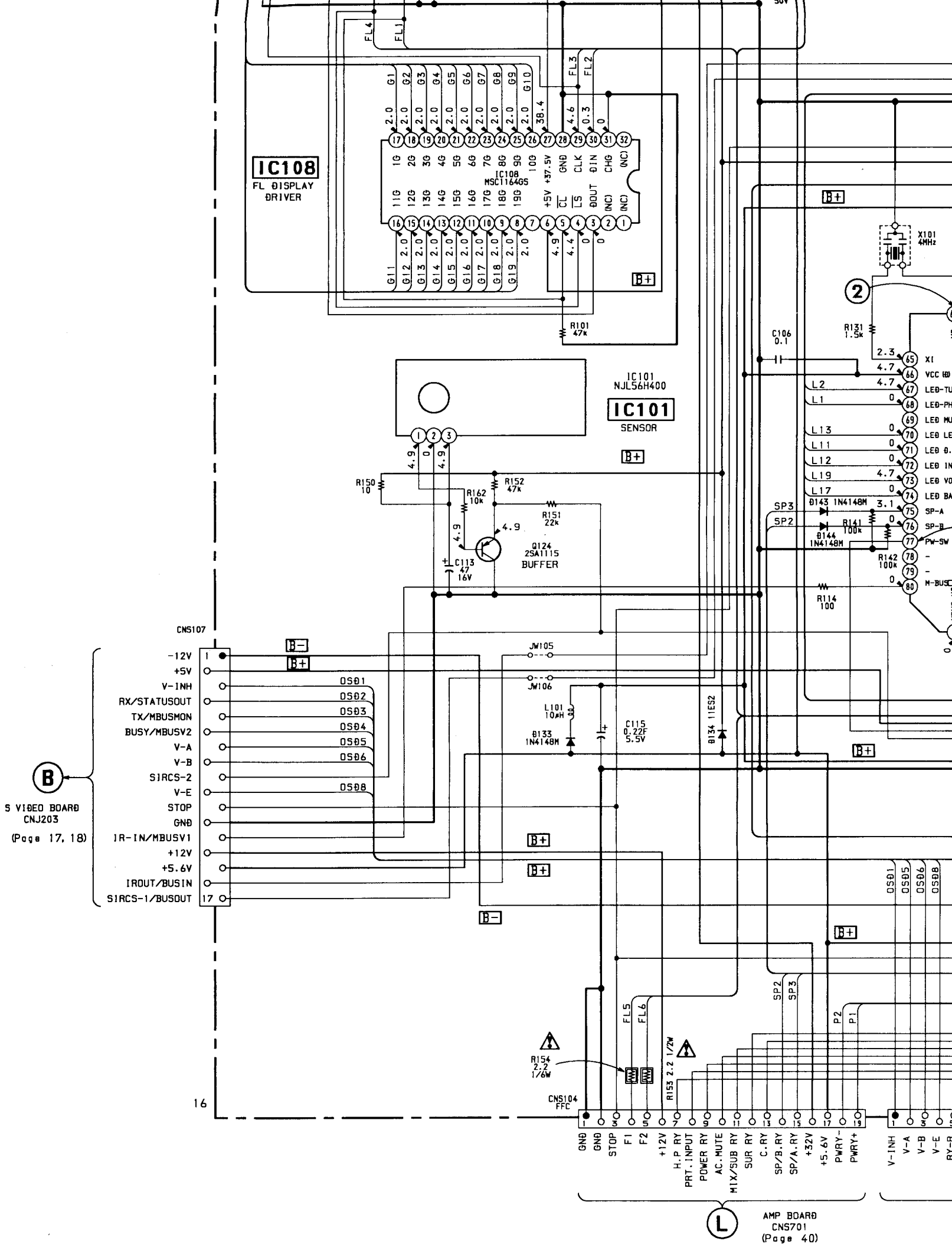
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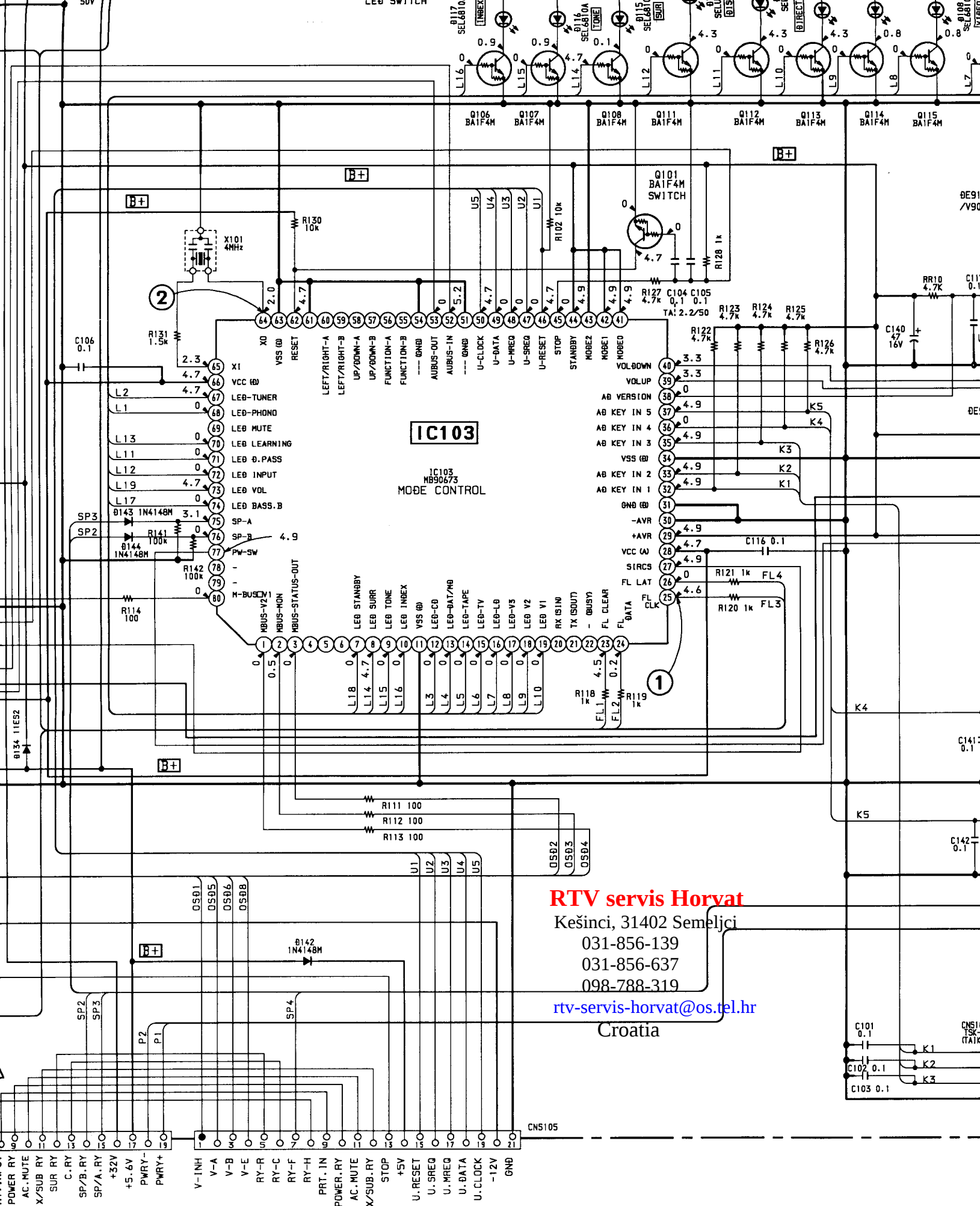
098-788-319

rtv-servis-horvat@os.tel.hr

Croatia







**RTV servis Horvat**

Kešinci, 31402 Semeljci

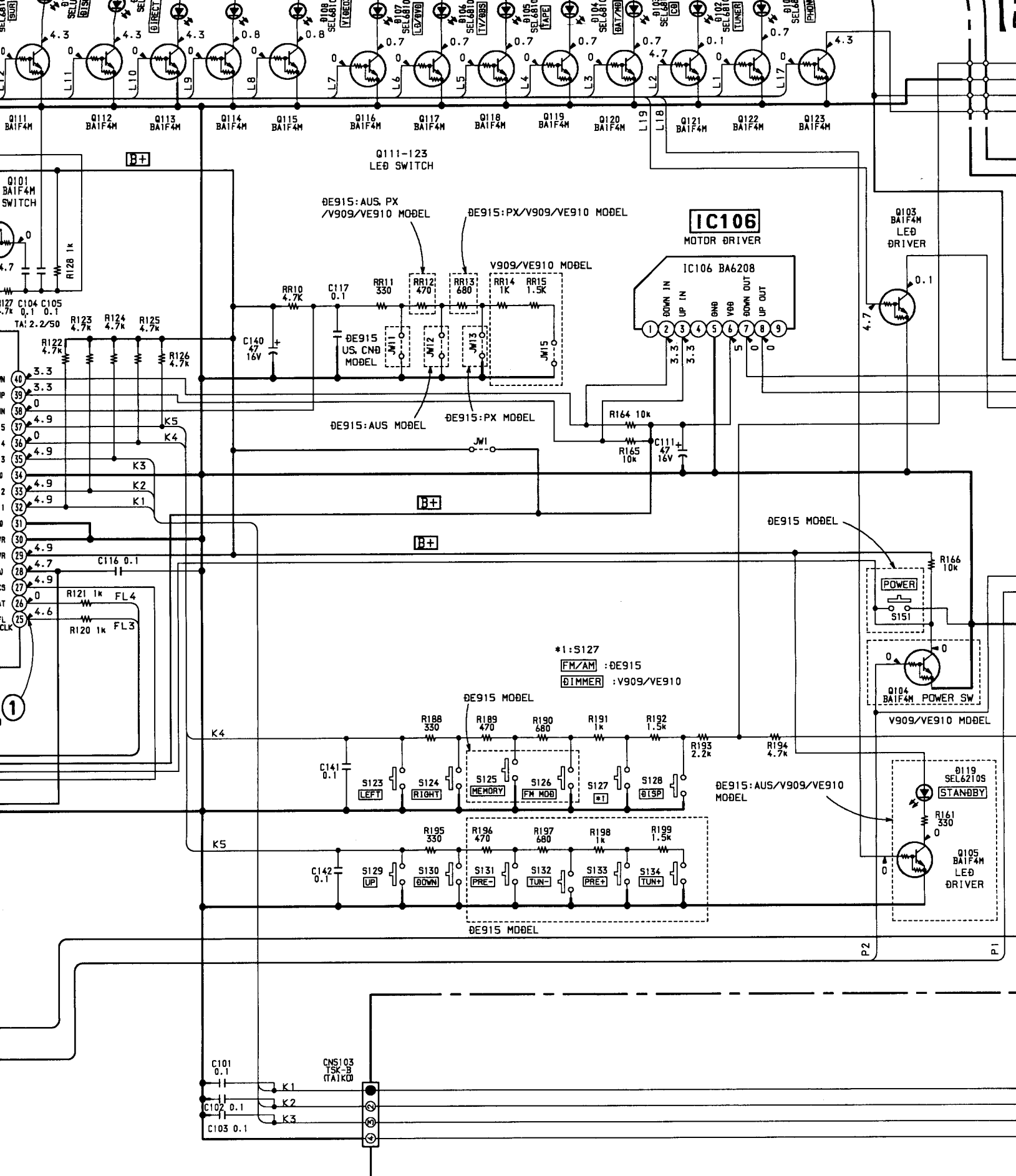
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031-856-637

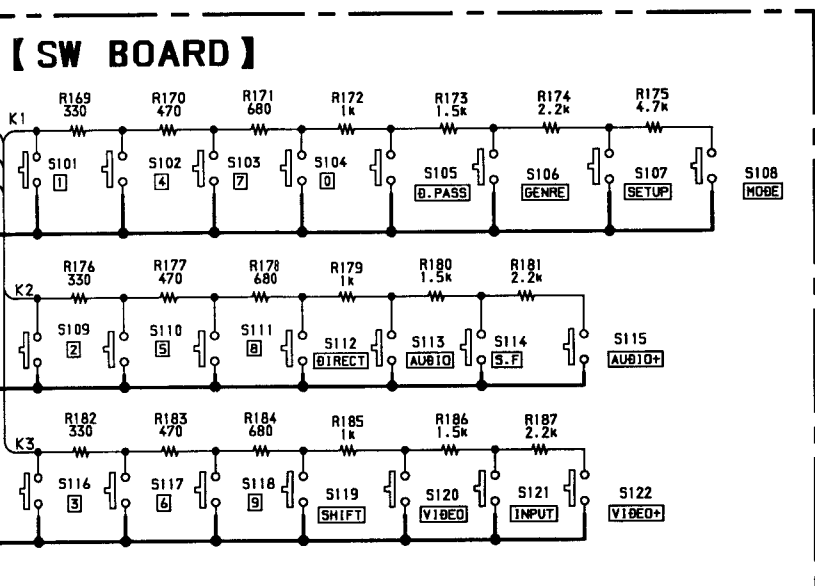
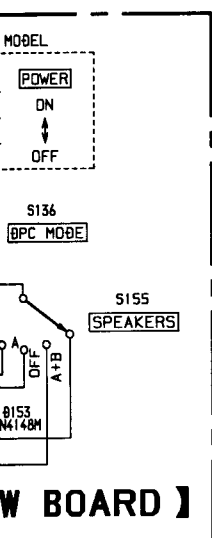
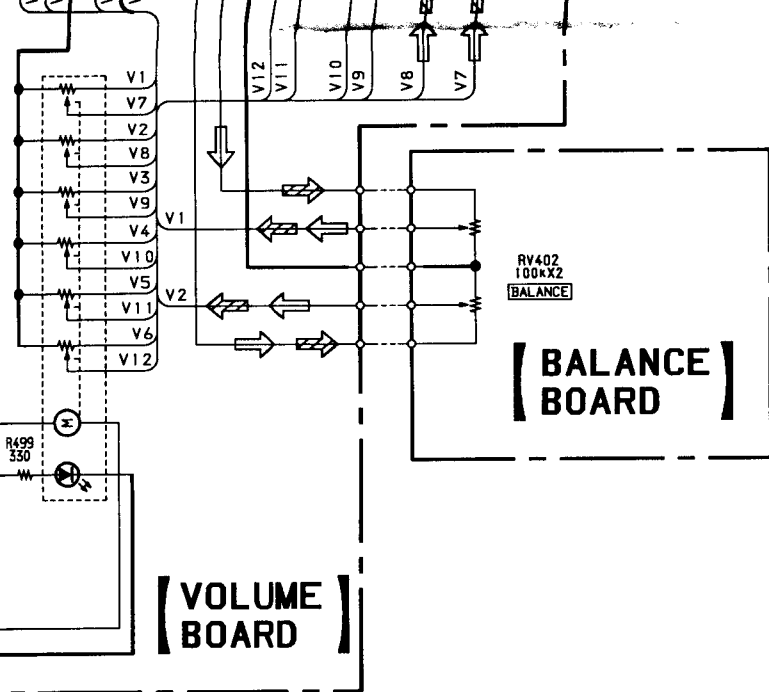
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[rtv-servis-horvat@os.tel.hr](mailto:rtv-servis-horvat@os.tel.hr)

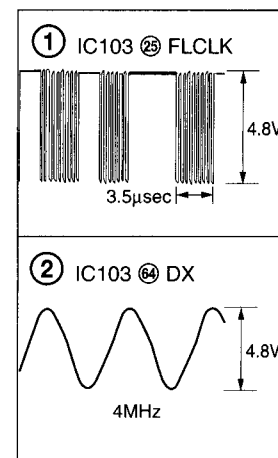
Croatia







## • Waveforms



## Note :

- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF:  $\mu\text{F}$  50W less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and 1/4W or less unless otherwise specified.
- : non flammable resistor.
- : panel designation.
- : B+ Line.
- : B- Line.

The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10M $\Omega$ /V).
- Signal path  
 : FM : CD (ANALOG)
- Abbreviation  
CND : Canadian  
AUS : Australian



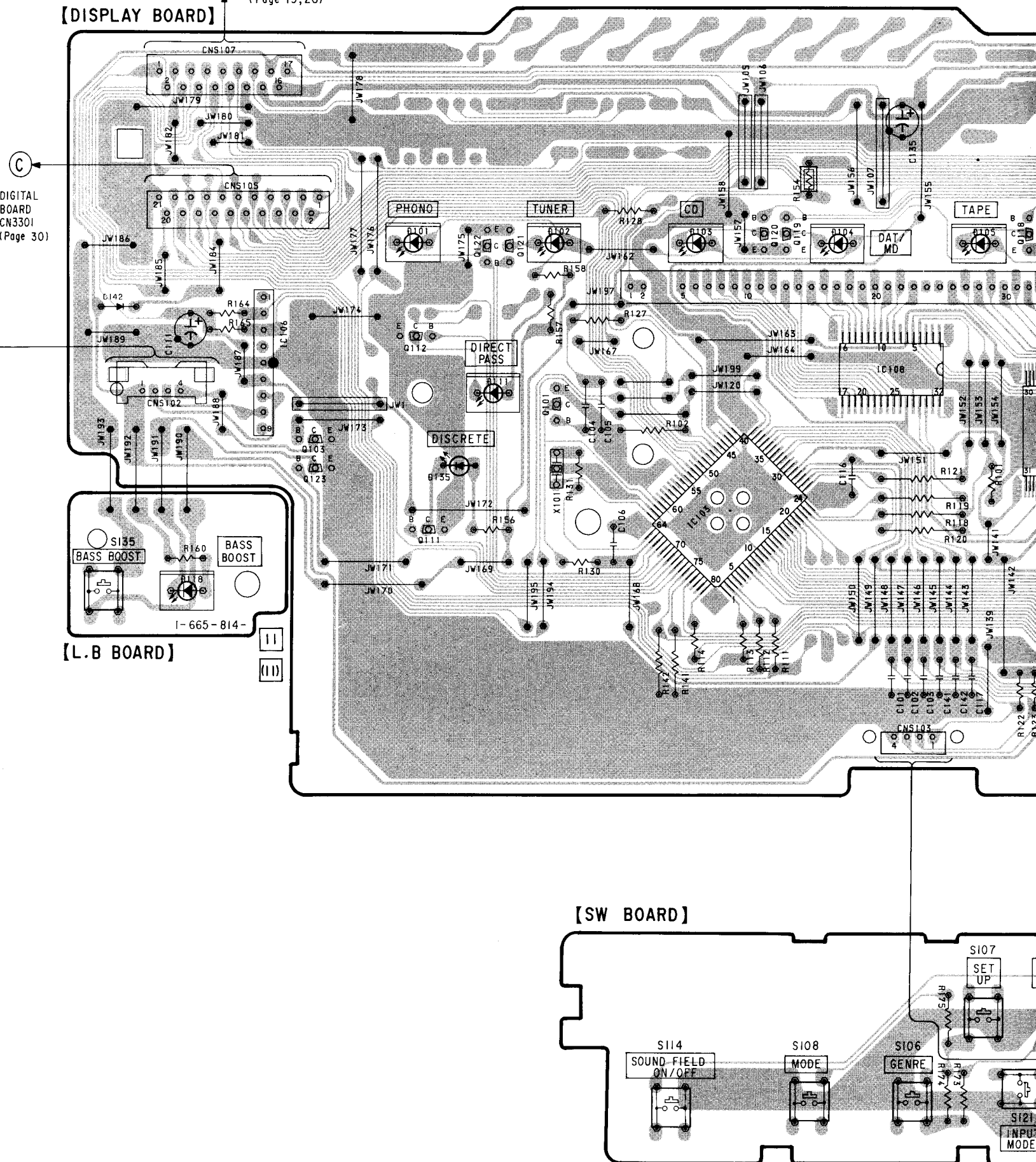
## [DISPLAY BOARD]

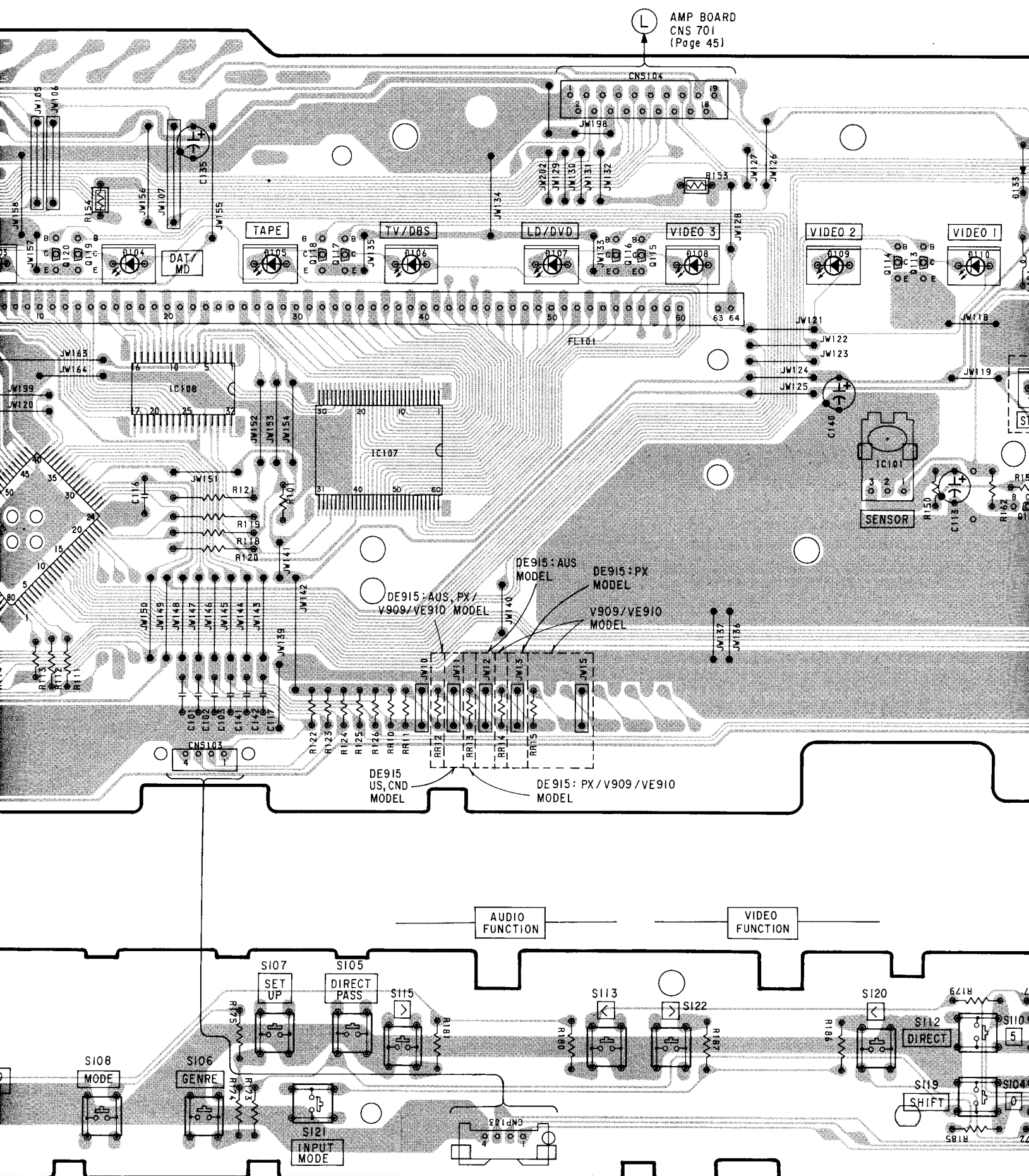
S VIDEO BOARD  
CNJ 203  
(Page 19, 20)

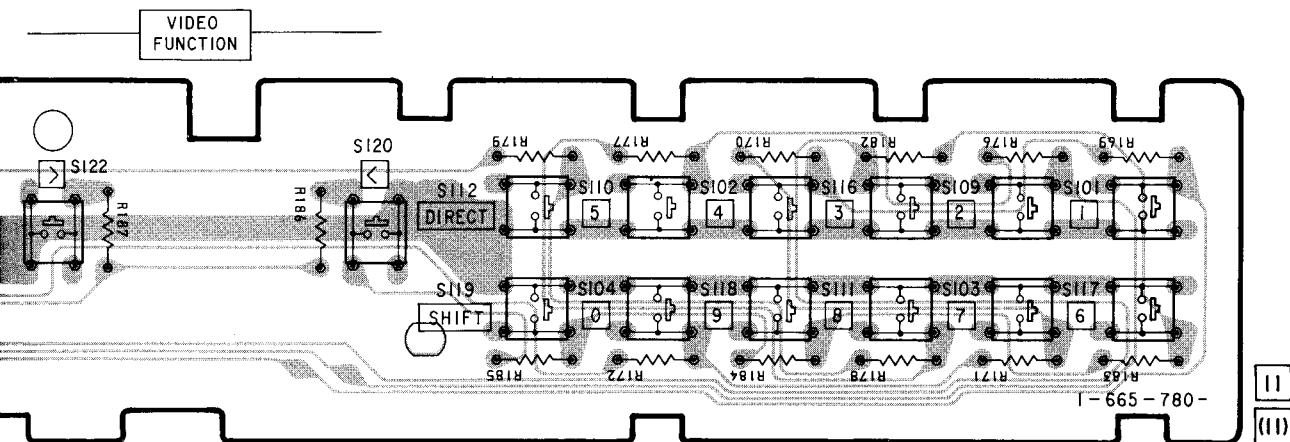
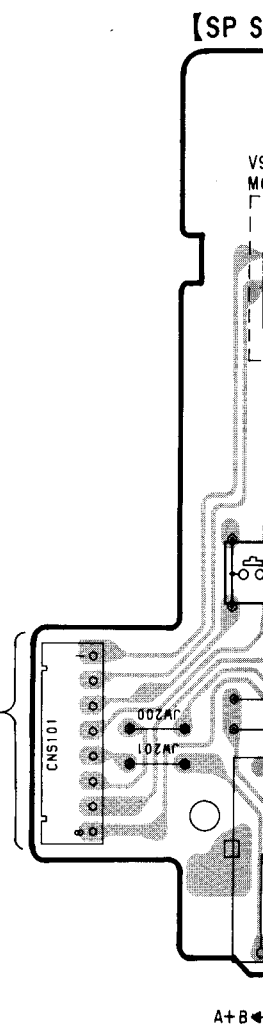
DIGITAL  
BOARD  
CN3301  
(Page 30)

## [L.B BOARD]

## [SW BOARD]

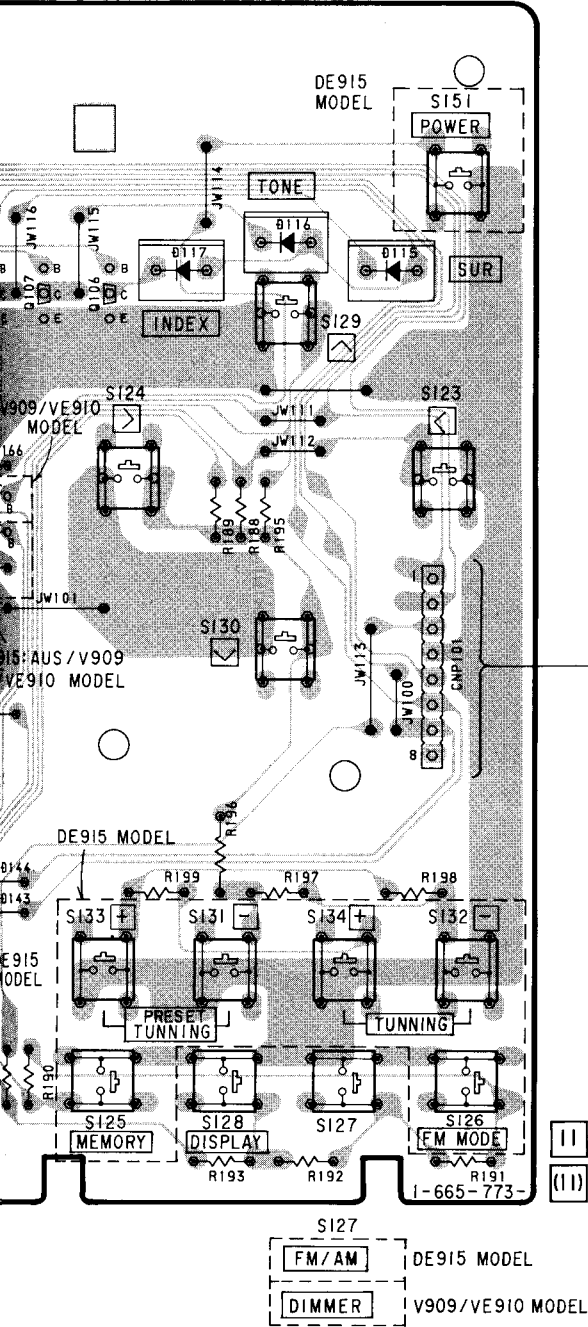




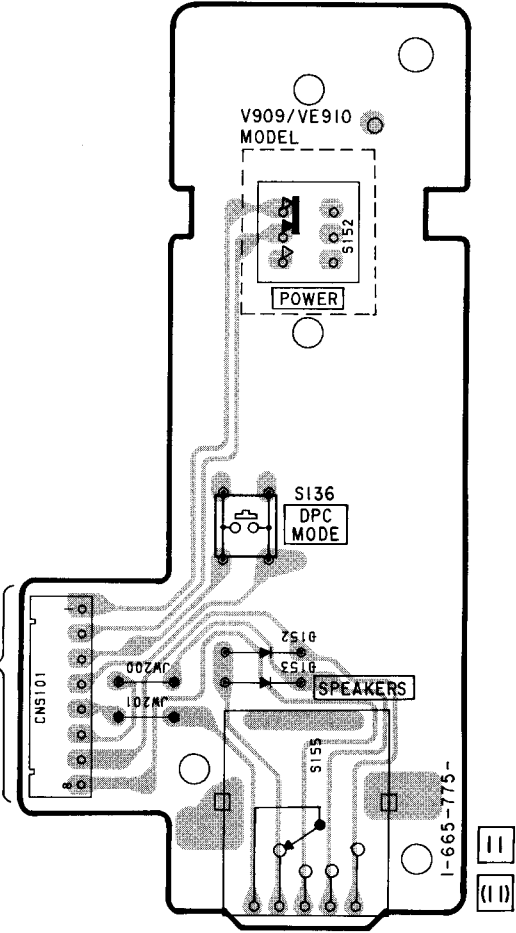


• Semiconductor Location

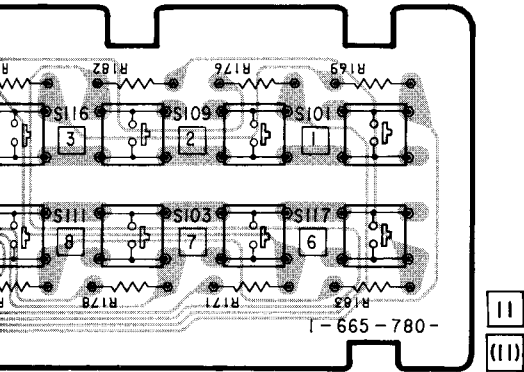
| Ref. No. | Location |
|----------|----------|
| D101     | B-7      |
| D102     | B-8      |
| D103     | B-9      |
| D104     | B-10     |
| D105     | B-11     |
| D106     | B-11     |
| D107     | B-12     |
| D108     | B-13     |
| D109     | B-14     |
| D110     | B-15     |
| D111     | C-8      |
| D115     | B-18     |
| D116     | B-17     |
| D117     | B-17     |
| D118     | E-6      |
| D119     | C-15     |
| D133     | B-15     |
| D134     | B-15     |
| D135     | D-7      |
| D142     | C-5      |
| D143     | E-16     |
| D144     | E-16     |
| D152     | D-19     |
| D153     | D-19     |
| IC101    | D-14     |
| IC103    | D-9      |
| IC106    | C-6      |
| IC107    | D-11     |
| IC108    | C-10     |
| Q101     | C-8      |
| Q103     | D-6      |
| Q104     | C-16     |
| Q105     | C-16     |
| Q106     | B-16     |
| Q107     | B-16     |
| Q108     | B-16     |
| Q111     | D-7      |
| Q112     | C-7      |
| Q113     | B-15     |
| Q114     | B-15     |
| Q115     | B-13     |
| Q116     | B-13     |
| Q117     | B-11     |
| Q118     | B-11     |
| Q119     | B-9      |
| Q120     | B-9      |
| Q121     | B-8      |
| Q122     | B-7      |
| Q123     | D-6      |
| Q124     | D-15     |



[SP SW BOARD]



A+B ↔ OFF ↔ A ↔ B

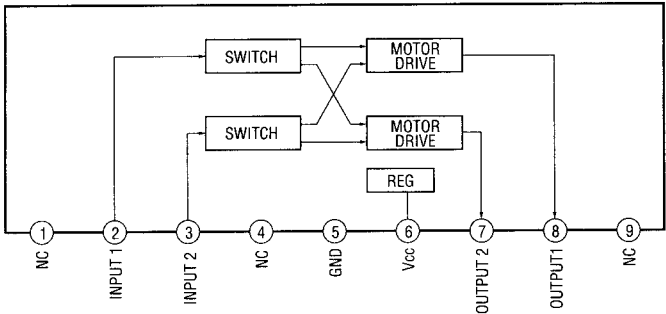


Note :

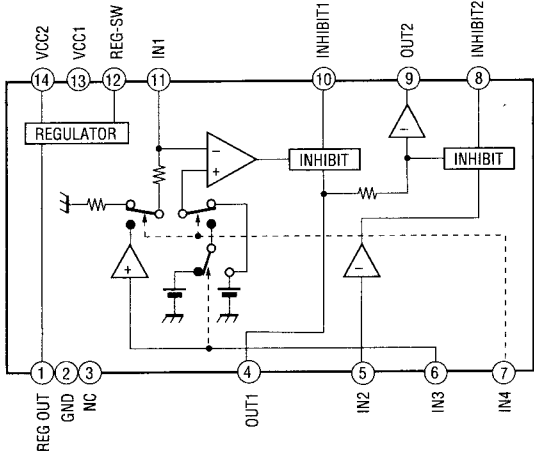
- : parts extracted from the component side.
- ⋯ : pattern on the side which is seen.
- Abbreviation  
CND : Canadian  
AUS : Australian

2-11. IC BLOCK DIAGRAMS

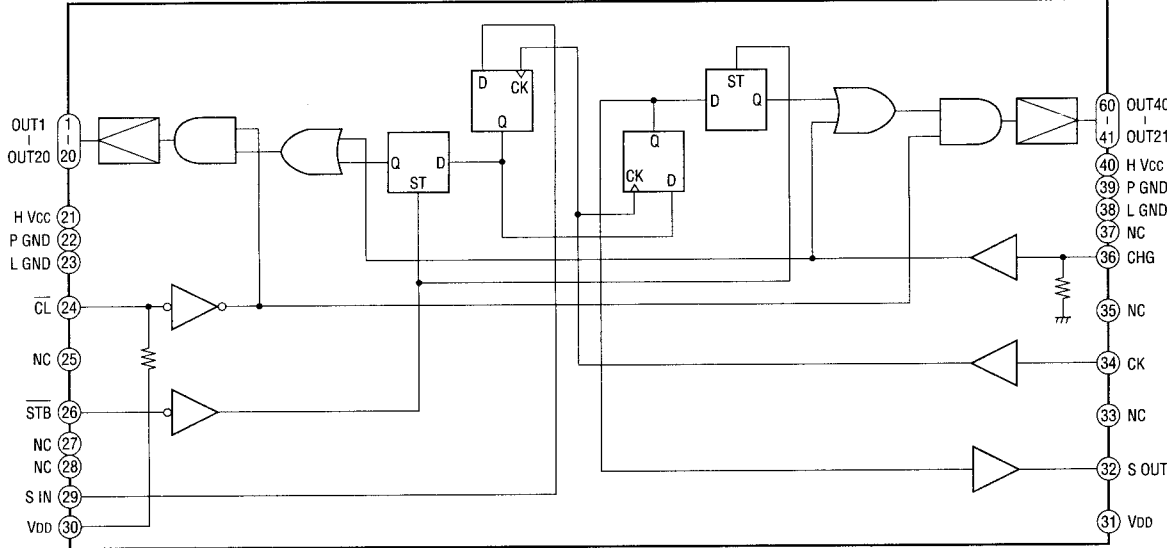
IC106 BA6208



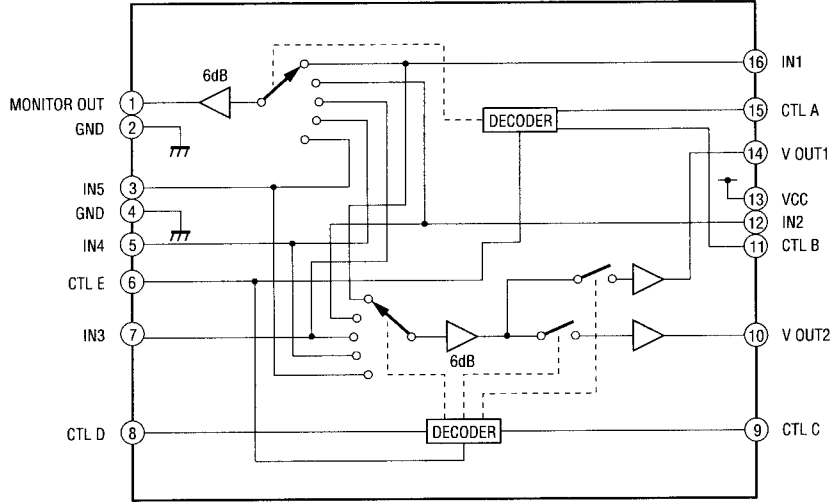
IC223 NJM2129D



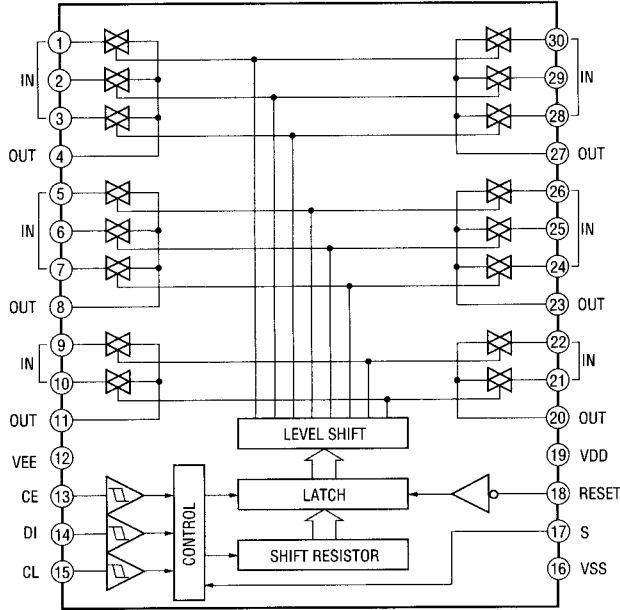
IC107 TD62C950RF



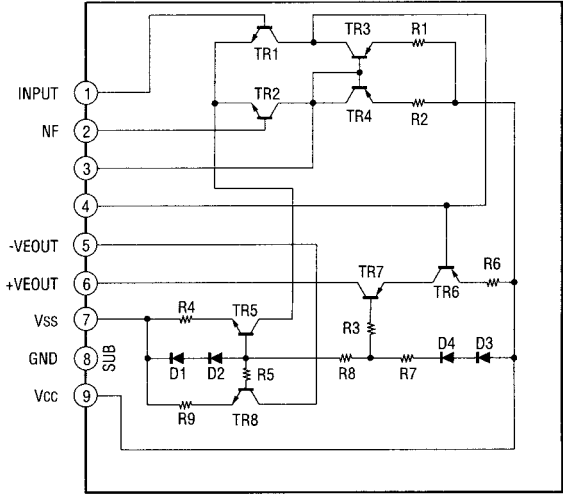
IC203, 204, 211 SN761200



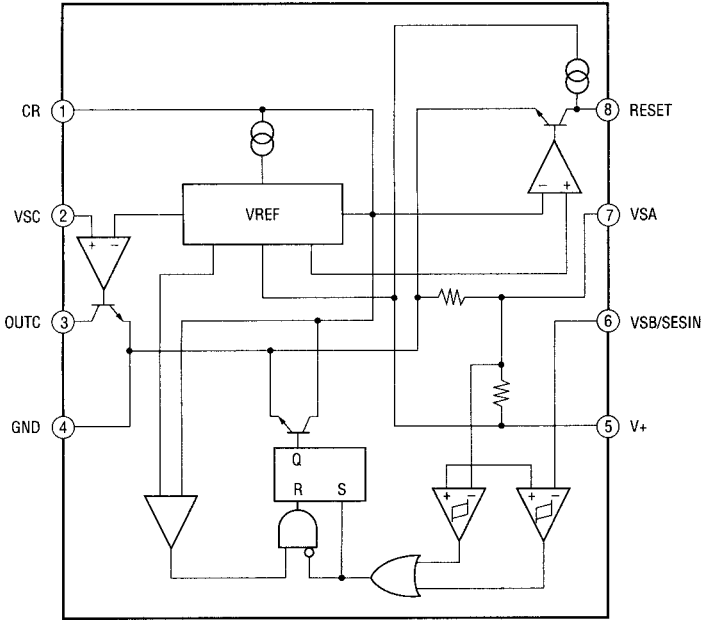
IC301, 303 LC7822



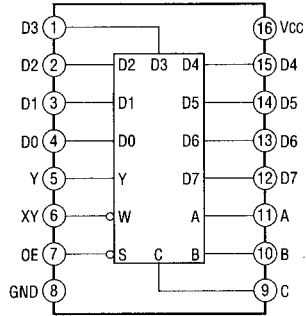
**IC601 STK350-230**



**IC901 NJM2103D**



**IC3313 TC74HC151AF-TP1**



**RTV servis Horvat**

Kešinci, 31402 Semeljci

031-856-139

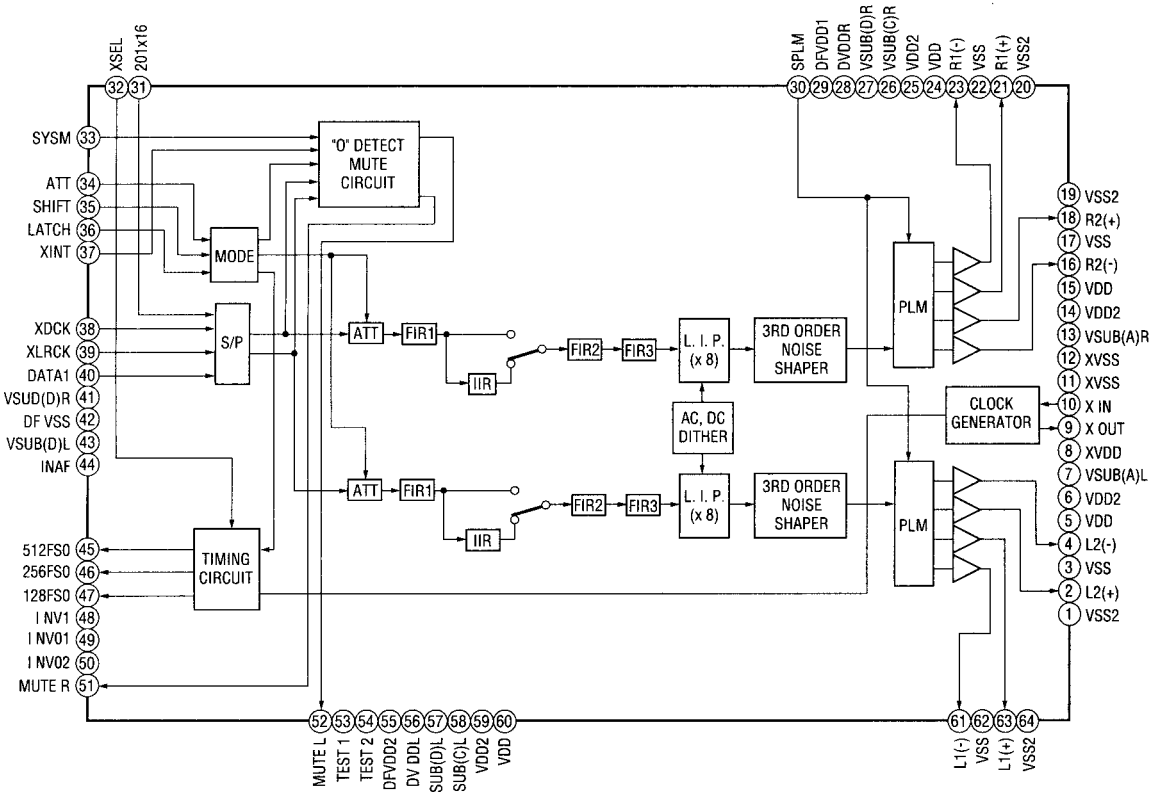
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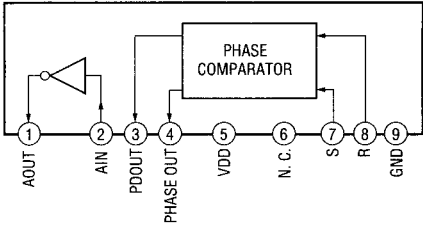
[rtv-servis-horvat@os.tel.hr](mailto:rtv-servis-horvat@os.tel.hr)

Croatia

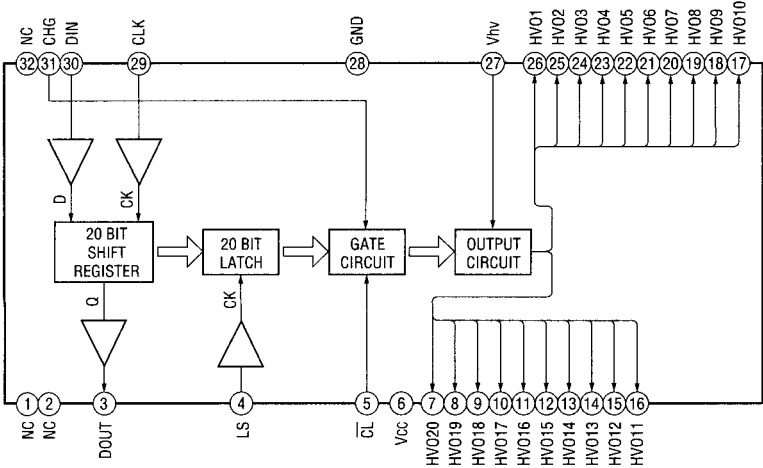
IC3401, 3402, 3403      CXD8505BQ



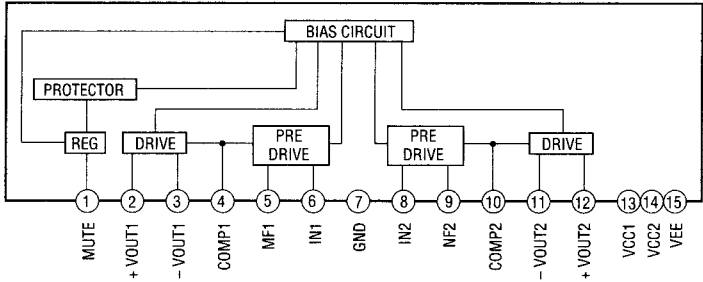
IC3409 TC5081AP



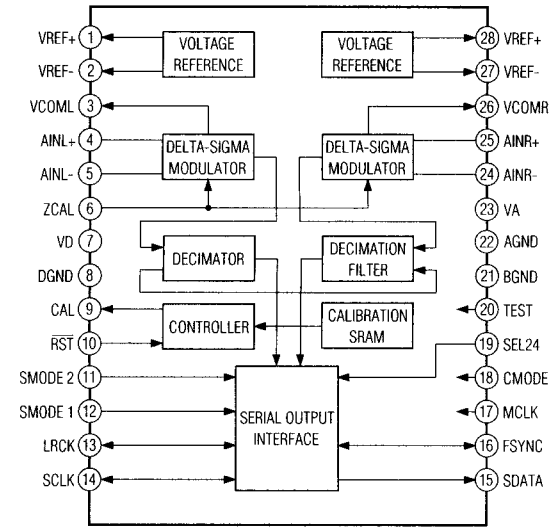
IC108 MSC1164GS-K



IC501, 701    uPC2581V



IC3104    CXD8681M-TP



## 2-16. IC PIN FUNCTION

### • IC103 MB90673PF-G-206-BND (MODE CONTROL)

| Pin No. | Pin Name   | I/O | Description                                     |
|---------|------------|-----|-------------------------------------------------|
| 1       | MBUS-V2    | I   | M-BUS (VIDEO2) input.                           |
| 2       | MBUS-MON   | I   | M-BUS (MONITOR) input.                          |
| 3       | STATUS-OUT | O   | M-BUS status output.                            |
| 4       | N.C.       | —   | Not used.                                       |
| 5       | N.C.       | —   | Not used.                                       |
| 6       | N.C.       | —   | Not used.                                       |
| 7       | LED-STBY   | O   | LED output (STANDBY).                           |
| 8       | LED-SURR   | O   | LED output (DPC: SUR).                          |
| 9       | LED-TONE   | O   | LED output (DPC: EQ).                           |
| 10      | LED-INDEX  | O   | LED output (DPC: INDEX).                        |
| 11      | Vss        | —   | Ground.                                         |
| 12      | LED-CD     | O   | LED output (CD).                                |
| 13      | LED-DAT/MC | O   | LED output (DAT/MD).                            |
| 14      | LED-TAPE   | O   | LED output (TAPE).                              |
| 15      | LED-TV     | O   | LED output (TV).                                |
| 16      | LED-LD     | O   | LED output (LD).                                |
| 17      | LED-V3     | O   | LED output (VIDEO3).                            |
| 18      | LED-V2     | O   | LED output (VIDEO2).                            |
| 19      | LED-V1     | O   | LED output (VIDEO1).                            |
| 20      | RX         | —   | Not used.                                       |
| 21      | TX         | —   | Not used.                                       |
| 22      | BUSY       | —   | Not used.                                       |
| 23      | FLCLR      | O   | FL clear output (FL tube).                      |
| 24      | FLDAT      | O   | FL data output (FL tube).                       |
| 25      | FLCLK      | O   | FL clock output (FL tube).                      |
| 26      | FLLAT      | O   | FL latch output (FL tube).                      |
| 27      | SIRCS      | I   | SIRCS remote control signal input.              |
| 28      | AVcc       | —   | 5V.(Backup power supply)                        |
| 29      | AVR +      | —   | 5V.                                             |
| 30      | AVR -      | —   | Ground.                                         |
| 31      | AVss       | —   | Ground.                                         |
| 32      | ADKIN1     | I   | AD KEY input 1 [Open drain]                     |
| 33      | ADKIN2     | I   | AD KEY input 2 [Open drain]                     |
| 34      | Vss        | —   | Ground.                                         |
| 35      | ADKIN3     | I   | AD KEY input 3 [Open drain].                    |
| 36      | ADKIN4     | I   | AD KEY input 4 [Open drain].                    |
| 37      | ADKIN5     | I   | AD KEY input 5 [Open drain].                    |
| 38      | AD-VERSION | I   | AD VERSION input [Open drain].                  |
| 39      | VOLUP      | O   | VOLUME UP.                                      |
| 40      | VOLDOWN    | O   | VOLUME DOWN.                                    |
| 41      | MD0        | I   | Mode setting, High (Backup power supply).       |
| 42      | MD1        | I   | Mode setting, High (Backup power supply).       |
| 43      | MD2        | I   | Mode swetting, Low.                             |
| 44      | STANDBY    | I   | STOP input.                                     |
| 45      | STOP       | I   | Hardware standby, High.                         |
| 46      | U-RESET    | O   | Reset signal. (Control microprocessor).         |
| 47      | U-SREQ     | I   | Salve request & data. (Control microprocessor). |
| 48      | U-MREQ     | O   | Master request. (Control microprocessor).       |
| 49      | U-DATA     | O   | Master data. (Control microprocessor).          |
| 50      | U-CLOCK    | O   | Master clock. (Control microprocessor).         |

| Pin No. | Label Name   | I/O | Description                 |
|---------|--------------|-----|-----------------------------|
| 51      | GND          | —   | L: HiFi, H: ES.             |
| 52      | AUBUS IN     | I   | Control-A1.                 |
| 53      | AUBUS OUT    | O   | Control-A1.                 |
| 54      | GND          | —   | Ground.                     |
| 55      | EN-FNC.B     | I   | Encoder input (Function-B). |
| 56      | EN-FNC.A     | I   | Encoder input (Function-A). |
| 57      | UP/DOWN-B    | —   | Not used.                   |
| 58      | UP/DOWN-A    | —   | Not used.                   |
| 59      | LEFT/RIGHT-B | —   | Not used.                   |
| 60      | LEFT/RIGHT-A | —   | Not used.                   |
| 61      | GND          | —   | Ground.                     |
| 62      | RESET        | I   | Reset.                      |
| 63      | Vss          | —   | Ground.                     |
| 64      | X0           | O   | Ceramic oscillator, 4 MHz.  |
| 65      | X1           | I   | Ceramic oscillator, 4 MHz.  |
| 66      | Vcc          | —   | 5V (Backup power supply).   |
| 67      | LED- TUNER   | O   | LED output (TUNER).         |
| 68      | LED-PHONO    | O   | LED output (PHONO).         |
| 69      | LED-MUTE     | O   | LED output (MUTE).          |
| 70      | LED-LEARN    | O   | LED output (IR-LEARN).      |
| 71      | LED-DIRECT   | O   | LED output (DIRECT PASS).   |
| 72      | LED-INPUT    | O   | LED output (DISCRETE).      |
| 73      | LED-VOL      | O   | LED output (VOLUME).        |
| 74      | LED-BASSB    | O   | LED output (BASS BOOST).    |
| 75      | SP-A         | I   | SPEAKER A signal input.     |
| 76      | SP-B         | I   | SPEAKER B signal input.     |
| 77      | PW-SW        | I   | POWER key input.            |
| 78      | LED-TV (V)   | O   | LED output (TV) for video.  |
| 79      | LED-LD (V)   | O   | LED output (LD) for video.  |
| 80      | MBUS-V1      | I   | M-BUS (VIDEO 1) input.      |

• IC3413 MB90641APF-G-104BND (SYSTEM CONTROL)

| Pin No. | Pin Name       | I/O | Description                  |
|---------|----------------|-----|------------------------------|
| 1       | RF-ERR         | I   | RF demodulator error signal. |
| 2       | RF-RESET       | O   | RR demodulator reset.        |
| 3       | STOP           | I   | Stop in.                     |
| 4       | RDATA          | I   | DIR LC8905V data.            |
| 5       | WDATA          | O   | DIR LC8905V write data.      |
| 6       | DIRLAT         | O   | DIR LC8905V latch.           |
| 7       | DIRCLK         | O   | DIR LC8905V clock.           |
| 8       | DIRERR         | I   | DIR LC8905V error.           |
| 9       | ANA/DIG        | O   | Analog/Digital.              |
| 10      | A/DINT         | O   | A/D Converter AK5390 init.   |
| 11      | Vss            | —   | Ground.                      |
| 12      | HREQ           | I   | DSP56009 SHI HREQ.           |
| 13      | SS             | O   | DSP56009 SHI SS.             |
| 14      | MOSI           | O   | DSP56009 SHI MOSI.           |
| 15      | RESET          | O   | DSP56009 SHI reset.          |
| 16      | MISO           | I   | DSP56009 SHI MISO.           |
| 17      | CLOCK          | O   | DSP56009 SHI clock.          |
| 18      | HREQ           | I   | DSP56009 SHI HREQ.           |
| 19      | SS             | O   | DSP56009 SHI SS.             |
| 20      | MOSI           | O   | DSP56009 SHI MOSI.           |
| 21      | RESET          | O   | DSP56009 SHI reset.          |
| 22      | MISO           | I   | DSP56009 SHI MISO.           |
| 23      | Vcc            | —   | +5V.                         |
| 24      | CLOCK          | O   | DSP56009 SHI clock.          |
| 25      | D/AINT         | O   | DF+DA CX8505BQ init.         |
| 26      | D/ALAT         | O   | DF+DA CX8505BQ latch.        |
| 27      | C              | —   | Connect to capacitor.        |
| 28      | D/ACLK         | O   | DF+DA CX8505BQ clock.        |
| 29      | D/ADATA        | O   | DF+DA CX8505BQ data.         |
| 30      | N.C            | —   | Not used.                    |
| 31      | N.C            | —   | Not used.                    |
| 32      | N.C            | —   | Not used.                    |
| 33      | N.C            | —   | Not used.                    |
| 34      | Vcc            | —   | +5V.                         |
| 35      | Vcc            | —   | +5V.                         |
| 36      | Vss            | —   | Ground.                      |
| 37      | Vss            | —   | Ground.                      |
| 38      | LOW-FRQ-IED    | I   | Low frequency signal.        |
| 39      | GAIN-FRONT-8DB | O   | Front out +8db.              |
| 40      | GAIN-FRONT-4DB | O   | Front out +4db.              |
| 41      | GAIN-FRONT-2DB | O   | Front out +2db.              |
| 42      | Vss            | —   | Ground.                      |
| 43      | N.C            | —   | Not used.                    |
| 44      | N.C            | —   | Not used.                    |
| 45      | N.C            | —   | Not used.                    |
| 46      | N.C            | —   | Not used.                    |
| 47      | N.C            | —   | Not used.                    |
| 48      | STOP           | I   | Power check.                 |
| 49      | MD0            | I   | Mode setting, HIGH.          |
| 50      | MD1            | I   | Mode setting, HIGH.          |

| Pin No. | Pin Name       | I/O | Description             |
|---------|----------------|-----|-------------------------|
| 51      | MD2            | I   | Mode setting, LOW.      |
| 52      | STANDBY        | I   | Standby swtch.          |
| 53      | N.C            | —   | Not used.               |
| 54      | DISPMR         | I   | display master request. |
| 55      | DISPDATA       | I   | display data.           |
| 56      | SLVDATA/REQ    | O   | Slave Data/Request.     |
| 57      | DISPCLK        | I   | Display clock.          |
| 58      | LAT            | O   | LC latch.               |
| 59      | DATA           | O   | LC data.                |
| 60      | CLK            | O   | LC clock.               |
| 61      | DATA IN        | I   | PLL data.               |
| 62      | AU STOP        | I   | PLL auto stop.          |
| 63      | STEREO         | I   | PLL stereo.             |
| 64      | N.C            | —   | Not used.               |
| 65      | N.C            | —   | Not used.               |
| 66      | HIFI/ES        | I   | Hifi/ES select.         |
| 67      | PROTEC         | I   | Protector.              |
| 68      | VIDE-A         | O   | Video select A.         |
| 69      | VIDE-B         | O   | Video select B.         |
| 70      | VIDE-E         | O   | Video select E.         |
| 71      | VIDEO-INH      | O   | Video output inhibit.   |
| 72      | FUN-MUTE       | O   | Function mute.          |
| 73      | TUNER-MUTE     | O   | Tuner mute.             |
| 74      | SURR-MUTE      | O   | Surround mute.          |
| 75      | AC-MUTE        | O   | All mute.               |
| 76      | RM-MUTE        | O   | “–20db” mute.           |
| 77      | RESET          | I   | Reset.                  |
| 78      | RY-FRONT/A     | O   | Front speakers B relay. |
| 79      | RY-FRONT/B     | O   | Front speakers A relay. |
| 80      | RY FRONT       | O   | Front speakers relay.   |
| 81      | Vss            | —   | Ground.                 |
| 82      | X IN           | I   | 4MHz OSC out.           |
| 83      | X OUT          | O   | 4MHz OSC in.            |
| 84      | Vcc            | —   | +5V.                    |
| 85      | RY-PRE AMP     | O   | Pre amplifier relay.    |
| 86      | RY-CENTER      | O   | Center speaker relay.   |
| 87      | RY-REAR        | O   | Rear speaker relay.     |
| 88      | RY-HP          | O   | Headphone relay.        |
| 89      | RY-4/8         | O   | Speaker 4/8 relay.      |
| 90      | RY-POWER       | O   | Power relay.            |
| 91      | N.C            | —   | Not used.               |
| 92      | N.C            | —   | Not used.               |
| 93      | N.C            | —   | Not used.               |
| 94      | RY-DIRECT-PASS | O   | Direct pass.            |
| 95      | N.C            | —   | Not used.               |
| 96      | N.C            | —   | Not used.               |
| 97      | N.C            | —   | Not used.               |
| 98      | DIG-IN2        | O   | Digital input select 2. |
| 99      | DIG-IN1        | O   | Digital input select 1. |
| 100     | DIG-IN0        | O   | Digital input select 0. |

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• IC3308 DOLBY AC-3 demodulator (SN-PM4007A)

| Pin No. | Pin Name | I/O | Description                                     |
|---------|----------|-----|-------------------------------------------------|
| 1       | GND      | —   | Ground                                          |
| 2       | VDD      | —   | +5V power supply                                |
| 3       | RESET    | I   | System reset input "L" : reset                  |
| 4       | OSCON    | I   | Oscillation control signal input "H" : ON       |
| 5       | DATA     | I   | Test pin (Connected to ground)                  |
| 6       | MCK      | I   | Test pin (Connected to ground)                  |
| 7       | MLTB     | I   | Test pin (Connected to ground)                  |
| 8       | IDST     | O   | Test pin (Open)                                 |
| 9       | IDCK     | O   | Test pin (Open)                                 |
| 10      | IDO      | O   | Test pin (Open)                                 |
| 11      | TM0      | I   | Test pin (Connected to ground)                  |
| 12      | ECCK     | O   | Test pin (Open)                                 |
| 13      | DEN      | O   | Test pin (Open)                                 |
| 14      | DRY      | O   | Test pin (Open)                                 |
| 15      | MSYC     | O   | Test pin (Open)                                 |
| 16      | TM1      | I   | Test pin (Connected to ground)                  |
| 17      | A0       | O   | Address data output to SRAM                     |
| 18      | A1       | O   | Address data output to SRAM                     |
| 19      | A2       | O   | Address data output to SRAM                     |
| 20      | A3       | O   | Address data output to SRAM                     |
| 21      | A4       | O   | Address data output to SRAM                     |
| 22      | A5       | O   | Address data output to SRAM                     |
| 23      | TM2      | I   | Test pin (Connected to ground)                  |
| 24      | TM3      | I   | Test pin (Connected to ground)                  |
| 25      | XOUT     | O   | Test pin (Open)                                 |
| 26      | XIN      | I   | Test pin (Connected to ground)                  |
| 27      | XENT     | I   | Test pin (Connected to ground)                  |
| 28      | GND      | —   | Ground                                          |
| 29      | VDD      | —   | +5V power supply                                |
| 30      | A6       | O   | Address data output to SRAM                     |
| 31      | A7       | O   | Address data output to SRAM                     |
| 32      | GND      | —   | Ground                                          |
| 33      | VDD      | —   | +5V power supply                                |
| 34      | A12      | O   | Address data output to SRAM                     |
| 35      | A14      | O   | Address data output to SRAM                     |
| 36      | WE       | O   | Write enable signal output to SRAM "L" : active |
| 37      | A13      | O   | Address data output to SRAM                     |
| 38      | A8       | O   | Address data output to SRAM                     |
| 39      | A9       | O   | Address data output to SRAM                     |
| 40      | GND      | —   | Ground                                          |
| 41      | A11      | O   | Address data output to SRAM                     |
| 42      | OE       | O   | Output enable output to SRAM                    |
| 43      | A10      | O   | Address data output to SRAM                     |
| 44      | D7       | I/O | Data bus input/output with SRAM                 |
| 45      | D6       | I/O | Data bus input/output with SRAM                 |
| 46      | D5       | I/O | Data bus input/output with SRAM                 |
| 47      | D4       | I/O | Data bus input/output with SRAM                 |
| 48      | D3       | I/O | Data bus input/output with SRAM                 |
| 49      | D2       | I/O | Data bus input/output with SRAM                 |
| 50      | D1       | I/O | Data bus input/output with SRAM                 |

| Pin No. | Pin Name | I/O | Description                                                                         |
|---------|----------|-----|-------------------------------------------------------------------------------------|
| 51      | D0       | I/O | Data bus input/output with SRAM                                                     |
| 52      | VDD      | —   | +5V power supply                                                                    |
| 53      | GND      | —   | Ground                                                                              |
| 54      | TI1      | I   | Test pin (Connected to VDD)                                                         |
| 55      | VIN      | I   | VCXO input (18.432MHz)                                                              |
| 56      | VOUT     | O   | VCXO output (18.432MHz)                                                             |
| 57      | TI2      | I   | Test pin (Connected to Ground)                                                      |
| 58      | TI3      | I   | Test pin (Connected to Ground)                                                      |
| 59      | TLD8     | I   | Test pin (Connected to Ground)                                                      |
| 60      | TCK      | I   | Test pin (Connected to Ground)                                                      |
| 61      | TRP      | O   | Test pin (Open)                                                                     |
| 62      | TD0      | O   | Test pin (Open)                                                                     |
| 63      | PD0      | O   | Output of internal phase comparator (3 state)                                       |
| 64      | TI4      | I   | Test pin (Connected to Ground)                                                      |
| 65      | PDDIS    | I   | PDO output control input “L” : output ON                                            |
| 66      | MUTO     | O   | Mute signal output “H” : mute                                                       |
| 67      | TI5      | I   | Test pin (Connected to Ground)                                                      |
| 68      | VLDY     | O   | Test pin (Open)                                                                     |
| 69      | DASYO    | O   | Test pin (Open)                                                                     |
| 70      | DAOUT    | O   | Digital-out signal output (Serial data stream output)                               |
| 71      | DAIN     | I   | Digital external input Through out to DAOUT when DASEL is “H” (Not used)            |
| 72      | DASEL    | I   | Digital-out selection input (Not used)                                              |
| 73      | TI8      | I   | Test pin (Connected to Ground)                                                      |
| 74      | C2F1     | O   | C2 error correction state display Outputs if corrected properly (Not used)          |
| 75      | C2F0     | O   | C2 error correction state display Outputs number of errors at C2 (Not used)         |
| 76      | C1F1     | O   | C2 error correction state display Outputs whether error is present at C1 (Not used) |
| 77      | C1F0     | O   | C2 error correction state display Outputs number of errors at C1 (Not used)         |
| 78      | MUTI     | I   | Muting input “H” mute                                                               |
| 79      | VDD      | —   | +5V power supply                                                                    |
| 80      | GND      | —   | Ground                                                                              |
| 81      | AVDD     | —   | +5V power supply (Analog)                                                           |
| 82      | CPIN     | I   | Comparator input (+) (QPSK input)                                                   |
| 83      | CMIN     | I   | Comparator input (–)                                                                |
| 84      | AGND     | —   | Ground (Analog)                                                                     |
| 85      | TM4      | I   | Test pin (Connected to ground)                                                      |
| 86      | VDD      | —   | +5V power supply                                                                    |
| 87      | DIN      | I   | Test pin (Connected to ground)                                                      |
| 88      | DOUT     | O   | Compare output                                                                      |
| 89      | DOUTB    | O   | Compare inverted output                                                             |
| 90      | C9M      | O   | 9.216MHz output (Open)                                                              |
| 91      | GND      | —   | Ground                                                                              |
| 92      | WINGT    | O   | Test pin (Connected to ground)                                                      |
| 93      | SYST0    | O   | Test pin (Connected to ground)                                                      |
| 94      | SYST1    | O   | Test pin (Connected to ground)                                                      |
| 95      | ADST0    | O   | Test pin (Connected to ground)                                                      |
| 96      | ADST1    | O   | Test pin (Connected to ground)                                                      |
| 97      | TM5      | I   | Test pin (Open)                                                                     |
| 98      | BUNRI    | I   | Test pin (Open)                                                                     |
| 99      | AGND     | —   | Ground (Analog)                                                                     |
| 100     | AVDD     | —   | +5V power supply (Analog)                                                           |

• IC3311 Digital Audio Interface Receiver (CXD8521M)

| Pin No. | Pin Name | I/O | Description                                                                   |
|---------|----------|-----|-------------------------------------------------------------------------------|
| 1       | DIN1     | I   | Data input with built-in amplifier (Responding to the coaxial optical module) |
| 2       | DIN2     | I   | Data input (Responding to the optical module)                                 |
| 3       | E/DOUT   | O   | Emphasis, input bi-phase, validity flag output                                |
| 4       | VDD      | —   | Power supply (+5V)                                                            |
| 5       | R        | I   | VCO gain control input (Fixed at "H")                                         |
| 6       | VIN      | I   | VCO freerunning frequency setting input                                       |
| 7       | VCO      | O   | LPF setting of PLL (Fixed at "L")                                             |
| 8       | GND      | —   | Ground                                                                        |
| 9       | CKSEL    | I   | System clock select input (384fs, 512fs) (Connected to the power supply.)     |
| 10      | XMODE    | I   | Reset input                                                                   |
| 11      | AVOCK    | I   | Clock input for preventing PLL lock failure                                   |
| 12      | TST1     | I   | Test input (Normally "L")                                                     |
| 13      | TST2     | I   |                                                                               |
| 14      | SCLK     | I   | Microcomputer IF clock input                                                  |
| 15      | XLAT     | I   | Microcomputer IF latch/chip enable input                                      |
| 16      | SWDT     | I   | Microcomputer IF write data input                                             |
| 17      | SRDT     | O   | Microcomputer IF read data output                                             |
| 18      | DQSY     | O   | Microcomputer IF Sub-Q sync and ID sync output (Not used)                     |
| 19      | CKOUT    | O   | VCO clock output (Freerunning, 384fs, 512fs) (Not used)                       |
| 20      | FS128    | O   | 128fs clock output (Not used)                                                 |
| 21      | BCK      | O   | Bit clock output                                                              |
| 22      | LRCK     | O   | L/R clock output                                                              |
| 23      | DATAO    | O   | Audio data output                                                             |
| 24      | EROR     | O   | PLL lock error mute output                                                    |

• IC3410 Digital Signal Processor (DSP56009FJ88F)

| Pin No. | Pin Name | I/O | Description                                            |
|---------|----------|-----|--------------------------------------------------------|
| 1       | AGND     | —   | Address buffer ground                                  |
| 2       | MCS0     | O   | Chip select 0 output to S-RAM (Not used)               |
| 3       | MCS3     | O   | Chip select 3 output to S-RAM (Not used)               |
| 4       | MA14     | O   | Address data output to S-RAM (Not used)                |
| 5       | MA13     | O   |                                                        |
| 6       | AVCC     | —   | Address bus buffer power supply (+5V)                  |
| 7       | MA12     | O   | Address data output to S-RAM(Not used)                 |
| 8       | AGND     | —   | Ground for address bus buffer                          |
| 9       | QVCC     | —   | Power supply for internal logic (+5V)                  |
| 10      | QGND     | —   | Ground for internal logic                              |
| 11      | MA11     | O   | Address data output to S-RAM (Not used)                |
| 12      | MA10     | O   |                                                        |
| 13      | MA9      | O   |                                                        |
| 14      | MA8      | O   |                                                        |
| 15      | AGND     | —   | Ground for address bus buffer                          |
| 16      | MA7      | O   | Address data output to S-RAM (Not used)                |
| 17      | AVCC     | —   | Power supply for address bus buffer (+5V)              |
| 18      | MA6      | O   | Address data output to S-RAM (Not used)                |
| 19      | MA5      | O   |                                                        |
| 20      | MA4      | O   |                                                        |
| 21      | AGND     | —   | Ground for address bus buffer                          |
| 22      | MA3      | O   | Address data output to S-RAM (Not used)                |
| 23      | MA2      | O   |                                                        |
| 24      | MA1      | O   |                                                        |
| 25      | MA0      | O   |                                                        |
| 26      | SCK      | I   | SPI serial clock signal input from system controller   |
| 27      | EXTAL    | I   | External frequency input (3 MHz)                       |
| 28      | QVCC     | —   | Power supply for internal logic (+5V)                  |
| 29      | QGND     | —   | Ground for internal logic                              |
| 30      | PINIT    | I   | PLL initialize input (Fixed at “L”)                    |
| 31      | PGND     | —   | Ground for PLL                                         |
| 32      | PCAP     | I   | PLL filter input (Connected to 0.01 $\mu$ F capacitor) |
| 33      | PVCC     | —   | Power supply for PLL (+5V)                             |
| 34      | SGND     | —   | Ground for serial port                                 |
| 35      | MISO     | I   | Master data signal input from system controller        |
| 36      | RESET    | I   | Reset signal input from system controller              |
| 37      | MODA     | I   | Mode select A (Fixed at “H”)                           |
| 38      | MODB     | I   | Mode select B (Fixed at “L”)                           |
| 39      | MODC     | I   | Mode select C (Fixed at “H”)                           |
| 40      | SVCC     | —   | Power supply for serial port (+5V)                     |

| Pin No. | Pin Name | I/O | Description                                             |
|---------|----------|-----|---------------------------------------------------------|
| 41      | MOSI     | O   | Master data signal output to system controller          |
| 42      | SS       | I   | SPI slave select signal input from system controller    |
| 43      | HREQ     | I   | Host request signal input from system controller        |
| 44      | SGND     | —   | Ground for serial port                                  |
| 45      | SDO2     | O   | Audio serial data 2 signal output (Not used)            |
| 46      | SDO1     | O   | Audio serial data 1 signal output                       |
| 47      | SDO0     | O   | Audio serial data 0 signal output                       |
| 48      | SVCC     | —   | Power supply for serial port (+5V)                      |
| 49      | SCKT     | O   | Serial clock transmission                               |
| 50      | WST      | O   | Word select transmission                                |
| 51      | SCKR     | I   | Serial clock reception                                  |
| 52      | QGND     | —   | Ground for internal logic                               |
| 53      | QVCC     | —   | Power supply for internal logic (+5V)                   |
| 54      | SGND     | —   | Ground for serial port                                  |
| 55      | WSR      | I   | Word select reception                                   |
| 56      | SDI1     | I   | Audio serial data 1 signal input                        |
| 57      | SDI0     | I   | Audio serial data 0 signal input                        |
| 58      | DSO      | O   | Debug serial signal output (Not used)                   |
| 59      | DSI      | I   | Debug serial signal input (Not used)                    |
| 60      | DSCK     | I   | Debug serial clock signal input (Not used)              |
| 61      | DR       | I   | Debug request input (Fixed at "H")                      |
| 62      | MD7      | I/O | Data input/output with S-RAM (Not used)                 |
| 63      | MD6      | I/O |                                                         |
| 64      | MD5      | I/O |                                                         |
| 65      | MD4      | I/O |                                                         |
| 66      | DGND     | —   | Ground for data bus buffer                              |
| 67      | MD3      | I/O | Data input/output with S-RAM (Not used)                 |
| 68      | MD2      | I/O |                                                         |
| 69      | MD1      | I/O |                                                         |
| 70      | DVCC     | —   | Power supply for data bus buffer (+5V)                  |
| 71      | MD0      | I/O | Data input/output with S-RAM (Not used)                 |
| 72      | DGND     | —   | Ground for data bus buffer                              |
| 73      | GPIO3    | I/O | General DSP input/output (Not used)                     |
| 74      | GPIO2    | I/O |                                                         |
| 75      | GPIO1    | I/O |                                                         |
| 76      | GPIO0    | I/O |                                                         |
| 77      | MRD      | O   | Write strobe signal output to S-RAM (Not used)          |
| 78      | MWR      | O   | Read strobe signal output to S-RAM (Not used)           |
| 79      | MRAS     | O   | Low address strobe signal output to S-RAM (Not used)    |
| 80      | MCAS     | O   | Column address strobe signal output to S-RAM (Not used) |

• IC3412 Digital Signal Processor (SSP424023FJ88)

| Pin No. | Pin Name | I/O | Description                                          |
|---------|----------|-----|------------------------------------------------------|
| 1       | AGND     | —   | Address buffer ground                                |
| 2       | MCS0     | O   | Chip select 0 output to S-RAM (Not used)             |
| 3       | MCS3     | O   | Chip select 3 output to S-RAM                        |
| 4       | MA14     | O   | Address data output to S-RAM                         |
| 5       | MA13     | O   |                                                      |
| 6       | AVCC     | —   | Address bus buffer power supply (+5V)                |
| 7       | MA12     | O   | Address data output to S-RAM                         |
| 8       | AGND     | —   | Ground for address bus buffer                        |
| 9       | QVCC     | —   | Power supply for internal logic (+5V)                |
| 10      | QGND     | —   | Ground for internal logic                            |
| 11      | MA11     | O   | Address data output to S-RAM                         |
| 12      | MA10     | O   |                                                      |
| 13      | MA9      | O   |                                                      |
| 14      | MA8      | O   |                                                      |
| 15      | AGND     | —   | Ground for address bus buffer                        |
| 16      | MA7      | O   | Address data output to S-RAM                         |
| 17      | AVCC     | —   | Power supply for address bus buffer (+5V)            |
| 18      | MA6      | O   | Address data output to S-RAM                         |
| 19      | MA5      | O   |                                                      |
| 20      | MA4      | O   |                                                      |
| 21      | AGND     | —   | Ground for address bus buffer                        |
| 22      | MA3      | O   | Address data output to S-RAM                         |
| 23      | MA2      | O   |                                                      |
| 24      | MA1      | O   |                                                      |
| 25      | MA0      | O   |                                                      |
| 26      | SCK      | I   | SPI serial clock signal input from system controller |
| 27      | EXTAL    | I   | External frequency input (3 MHz)                     |
| 28      | QVCC     | —   | Power supply for internal logic (+5V)                |
| 29      | QGND     | —   | Ground for internal logic                            |
| 30      | PINIT    | I   | PLL initialize input (Fixed at “L”)                  |
| 31      | PGND     | —   | Ground for PLL                                       |
| 32      | PCAP     | I   | PLL filter input (Connected to 0.01 mF capacitor)    |
| 33      | PVCC     | —   | Power supply for PLL (+5V)                           |
| 34      | SGND     | —   | Ground for serial port                               |
| 35      | MISO     | I   | Master data signal input from system controller      |
| 36      | RESET    | I   | Reset signal input from system controller            |
| 37      | MODA     | I   | Mode select A (Fixed at “H”)                         |
| 38      | MODB     | I   | Mode select B (Fixed at “L”)                         |
| 39      | MODC     | I   | Mode select C (Fixed at “H”)                         |
| 40      | SVCC     | —   | Power supply for serial port (+5V)                   |

| Pin No. | Pin Name | I/O | Description                                          |
|---------|----------|-----|------------------------------------------------------|
| 41      | MOSI     | O   | Master data signal output to system controller       |
| 42      | SS       | I   | SPI slave select signal input from system controller |
| 43      | HREQ     | I   | Host request signal input from system controller     |
| 44      | SGND     | —   | Ground for serial port                               |
| 45      | SDO2     | O   | Audio serial data 2 signal output                    |
| 46      | SDO1     | O   | Audio serial data 1 signal output                    |
| 47      | SDO0     | O   | Audio serial data 0 signal output                    |
| 48      | SVCC     | —   | Power supply for serial port (+5V)                   |
| 49      | SCKT     | O   | Serial clock transmission                            |
| 50      | WST      | O   | Word select transmission                             |
| 51      | SCKR     | I   | Serial clock reception                               |
| 52      | QGND     | —   | Ground for internal logic                            |
| 53      | QVCC     | —   | Power supply for internal logic (+5V)                |
| 54      | SGND     | —   | Ground for serial port                               |
| 55      | WSR      | I   | Word select reception                                |
| 56      | SDI1     | I   | Audio serial data 1 signal input                     |
| 57      | SDI0     | I   | Audio serial data 0 signal input                     |
| 58      | DSO      | O   | Debug serial signal output (Not used)                |
| 59      | DSI      | I   | Debug serial signal input (Not used)                 |
| 60      | DSCK     | I   | Debug serial clock signal input (Not used)           |
| 61      | DR       | I   | Debug request input (Fixed at "H")                   |
| 62      | MD7      | I/O | Data input/output with S-RAM                         |
| 63      | MD6      | I/O |                                                      |
| 64      | MD5      | I/O |                                                      |
| 65      | MD4      | I/O |                                                      |
| 66      | DGND     | —   | Ground for data bus buffer                           |
| 67      | MD3      | I/O | Data input/output with S-RAM                         |
| 68      | MD2      | I/O |                                                      |
| 69      | MD1      | I/O |                                                      |
| 70      | DVCC     | —   | Power supply for data bus buffer (+5V)               |
| 71      | MD0      | I/O | Data input/output with S-RAM                         |
| 72      | DGND     | —   | Ground for data bus buffer                           |
| 73      | GPIO3    | I/O | General DSP input/output (Not used)                  |
| 74      | GPIO2    | I/O |                                                      |
| 75      | GPIO1    | I/O |                                                      |
| 76      | GPIO0    | I/O | General DSP input/output with system controller      |
| 77      | MRD      | O   | Write strobe signal output to S-RAM                  |
| 78      | MWR      | O   | Read strobe signal output to S-RAM                   |
| 79      | MRAS     | O   | Low address strobe signal output to S-RAM            |
| 80      | MCAS     | O   | Column address strobe signal output to S-RAM         |

## SECTION 3 EXPLODED VIEWS

### Note:

- XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Color Indication of Appearance Parts

Example:

KNOB, BALANCE (WHITE) . . . (RED)

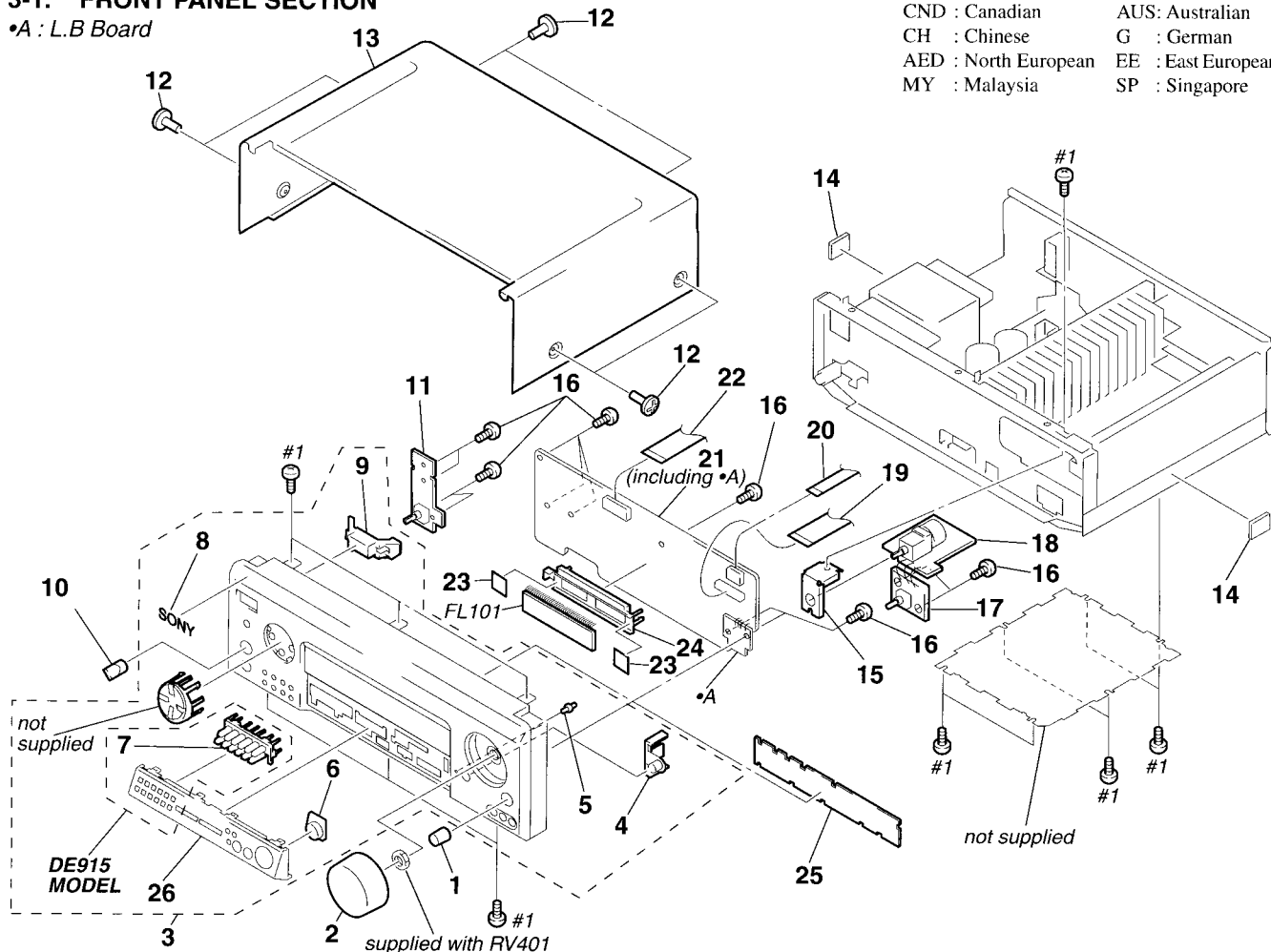
Parts of Color      Cabinet's Color

The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

### 3-1. FRONT PANEL SECTION

•A : L.B Board

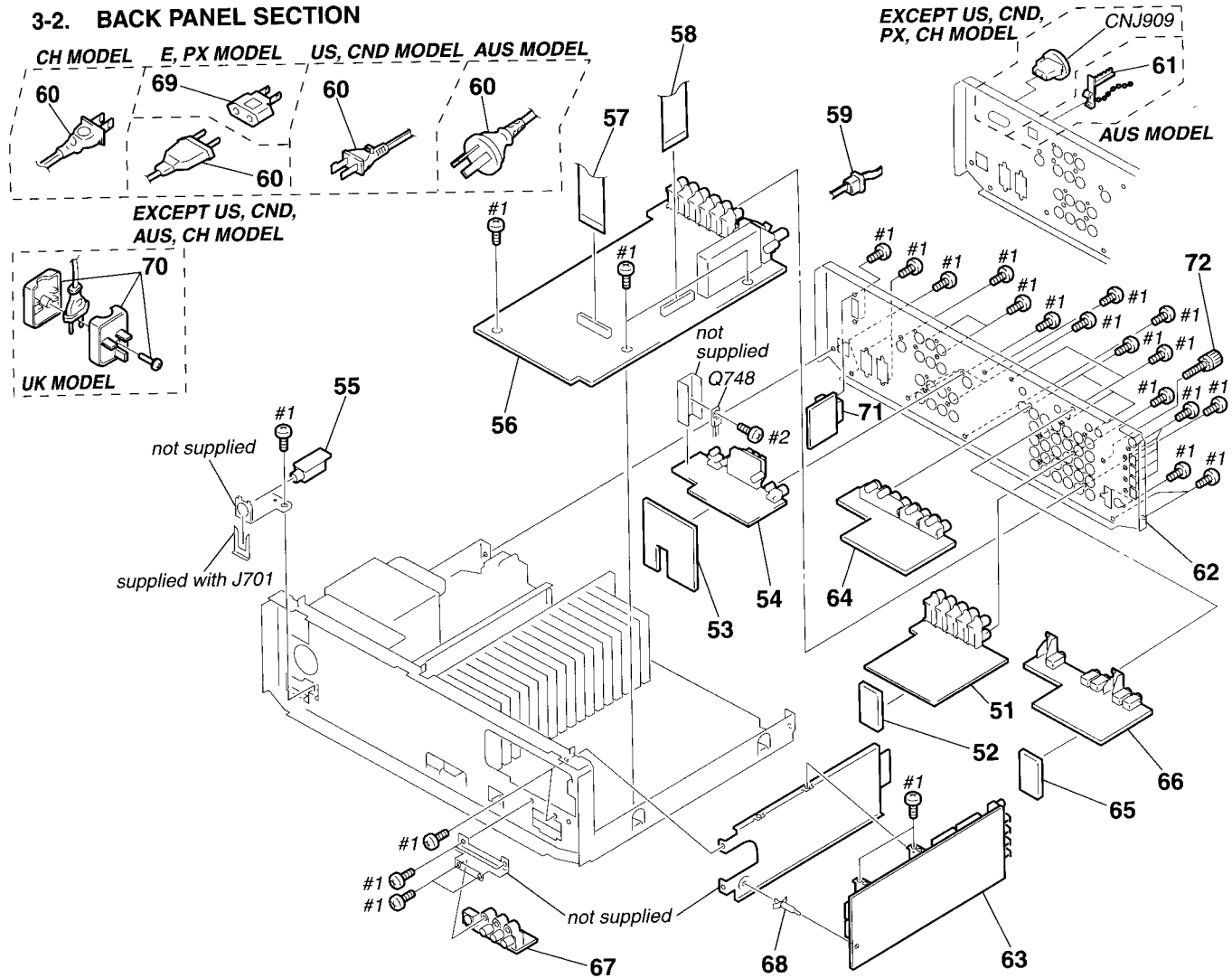


### • Abbreviation

|                      |                    |
|----------------------|--------------------|
| CND : Canadian       | AUS: Australian    |
| CH : Chinese         | G : German         |
| AED : North European | EE : East European |
| MY : Malaysia        | SP : Singapore     |

| Ref. No. | Part No.     | Description                             | Remarks | Ref. No. | Part No.     | Description                             | Remarks |
|----------|--------------|-----------------------------------------|---------|----------|--------------|-----------------------------------------|---------|
| 1        | 4-980-639-01 | KNOB (R14) (BLACK)(DE915/VE910)         |         | 12       | 3-704-366-01 | SCREW (CASE) (M3X8)(BLACK)(DE915/VE910) |         |
| 1        | 4-980-639-31 | KNOB (R14) (GOLD)(V909)                 |         | 12       | 3-704-366-11 | SCREW (CASE) (M3X8) (GOLD)(V909)        |         |
| 2        | X-4947-074-1 | KNOB (R48) ASSY (BLACK)(DE915)          |         | * 13     | 4-982-682-01 | CASE (414532) (BLACK)(DE915)            |         |
| 2        | X-4948-458-1 | KNOB (ZN) ASSY (BLACK)(VE910)           |         | 13       | X-4947-722-1 | CASE ASSY (BLACK)(VE910)                |         |
| 2        | X-4948-464-1 | KNOB (ZN) ASSY (GOLD)(V909)             |         | 13       | X-4947-723-1 | CASE ASSY (GOLD)(V909)                  |         |
| 3        | X-4948-455-1 | PANEL ASSY, FRONT (BLACK)(DE915:US,CND) |         | 14       | 4-985-642-01 | CUSHION                                 |         |
| 3        | X-4948-456-1 | PANEL ASSY, FRONT (GOLD)(V909)          |         | * 15     | 4-989-878-01 | BRACKET (VOL)                           |         |
| 3        | X-4948-463-1 | PANEL ASSY (C9), FRONT (BLACK)(VE910)   |         | 16       | 4-951-620-01 | SCREW (2.6X8), +BVTP                    |         |
| 3        | X-4948-602-1 | PANEL ASSY, FRONT (BLACK)(DE915:PX)     |         | * 17     | 1-665-815-11 | BALANCE BOARD                           |         |
| 3        | X-4948-603-1 | PANEL ASSY, FRONT (BLACK)(DE915:AUS)    |         | * 18     | 1-665-774-11 | VOLUME BOARD                            |         |
| 4        | 4-989-850-01 | BUTTON (BB) (BLACK)(DE915/VE910)        |         | 19       | 1-773-174-11 | WIRE (FLAT TYPE) (21 CORE)(46cm)        |         |
| 4        | 4-989-850-11 | BUTTON (BB) (GOLD)(V909)                |         | 20       | 1-773-057-11 | WIRE (FLAT TYPE) (17 CORE)              |         |
| 5        | 4-989-842-01 | INDICATOR (BB)                          |         | * 21     | A-4398-225-A | DISPLAY BOARD, COMPLETE (DE915:US,CND)  |         |
| 6        | 4-989-852-01 | RING (SUR) (BLACK)(DE915/VE910)         |         | * 21     | A-4398-246-A | DISPLAY BOARD, COMPLETE (DE915:AUS)     |         |
| 6        | 4-989-852-11 | RING (SUR) (GOLD)(V909)                 |         | * 21     | A-4398-281-A | DISPLAY BOARD, COMPLETE (DE915:PX)      |         |
| 7        | 4-989-846-01 | BUTTON (12)(BLACK)(DE915)               |         | * 21     | A-4398-284-A | DISPLAY BOARD, COMPLETE (V909/VE910)    |         |
| 8        | 3-008-600-11 | EMBLEM (5-AR), SONY (BLACK)(DE915)      |         | 22       | 1-773-107-11 | WIRE (FLAT TYPE) (19 CORE)(17cm)        |         |
| 8        | 4-979-587-01 | EMBLEM (NO.5), SONY (BLACK)(VE910)      |         | * 23     | 4-921-941-01 | CUSHION (FL)                            |         |
| 8        | 4-979-587-11 | EMBLEM (NO.5), SONY (GOLD)(V909)        |         | * 24     | 4-990-797-01 | HOLDER (FL)                             |         |
| 9        | 4-980-109-01 | BUTTON (P-M) (BLACK)(VE910)             |         | * 25     | 1-665-780-11 | SW BOARD                                |         |
| 9        | 4-980-109-41 | BUTTON (P-M) (GOLD)(V909)               |         | 26       | 4-989-864-41 | ESCUTCHEON (COVER)(BLACK)(DE915)        |         |
| 9        | 4-989-843-01 | BUTTON (P-T) (BLACK)(DE915)             |         | 26       | 4-991-019-01 | ESCUTCHEON (COVER)(BLACK)(VE910)        |         |
| 10       | 4-957-383-01 | KNOB (F14) (BLACK)(DE915/VE910)         |         | 26       | 4-991-019-11 | ESCUTCHEON (COVER)(GOLD)(V909)          |         |
| 10       | 4-957-383-21 | KNOB (F14) (GOLD)(V909)                 |         | FL101    | 1-517-671-11 | INDICATOR TUBE, FLUORESCENT             |         |
| * 11     | 1-665-775-11 | SP SW BOARD                             |         |          |              |                                         |         |

### 3-2. BACK PANEL SECTION

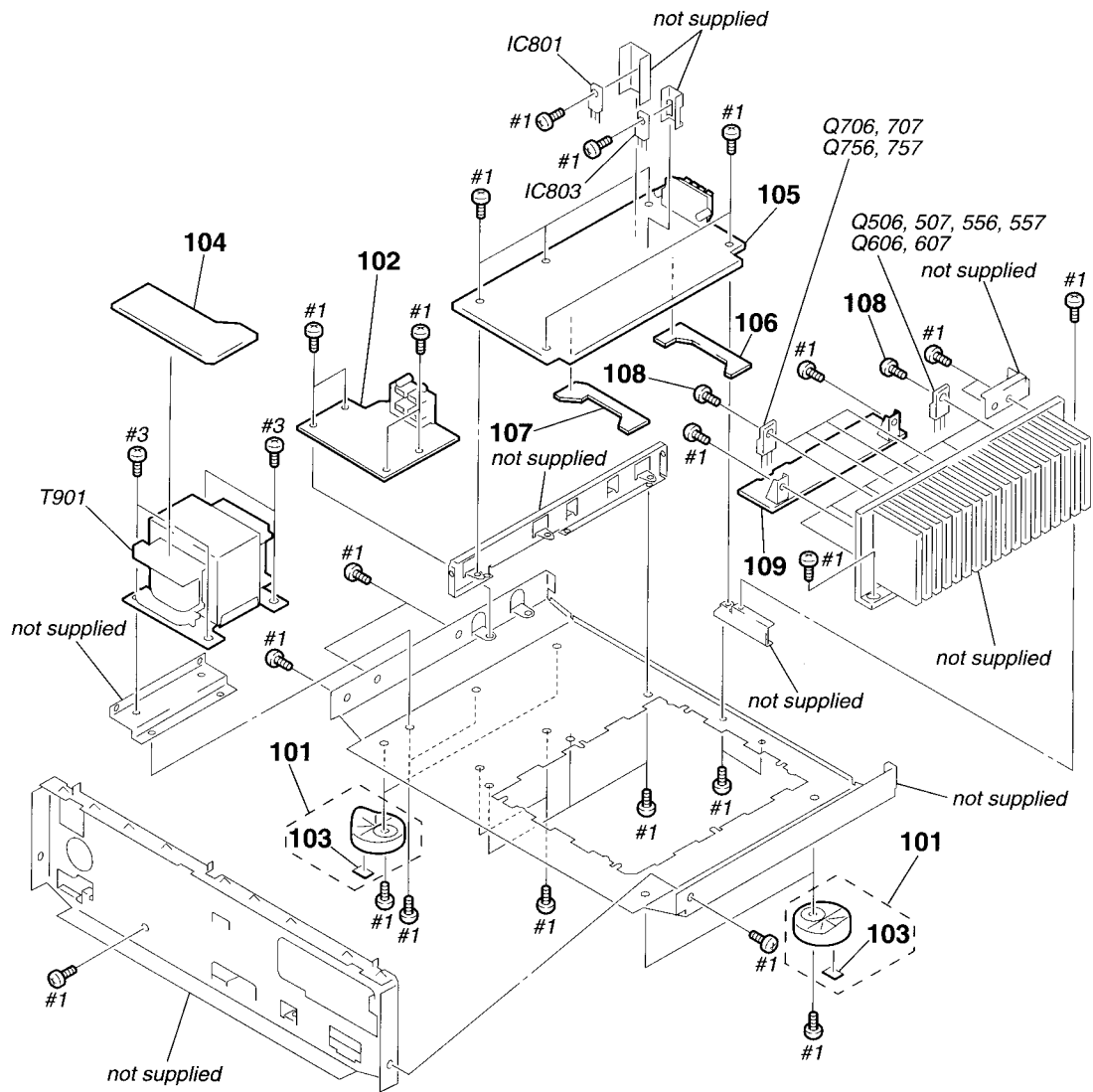


| Ref. No. | Part No.     | Description                                        | Remarks | Ref. No. | Part No.     | Description                            | Remarks |
|----------|--------------|----------------------------------------------------|---------|----------|--------------|----------------------------------------|---------|
| * 51     | 1-665-786-11 | AUDIO (2F) BOARD                                   |         | * 62     | 4-989-882-01 | PANEL, BACK (VE910:EXCEPT E)           |         |
| * 52     | 1-665-776-11 | SUR-AUDIO (2F) BOARD                               |         | * 62     | 4-989-882-11 | PANEL, BACK (VE910:E)                  |         |
| * 53     | 1-665-787-11 | S-A-P BOARD                                        |         | * 62     | 4-989-882-21 | PANEL, BACK (V909)                     |         |
| * 54     | A-4398-235-A | SP (2F) BOARD, COMPLETE<br>(VE910:AEP,UK,G,AED,EE) |         | * 62     | 4-989-885-01 | PANEL, BACK (DE915:US)                 |         |
| * 54     | A-4398-250-A | SP (2F) BOARD, COMPLETE (DE915:AUS)                |         | * 62     | 4-989-885-11 | PANEL, BACK (DE915:CND)                |         |
| * 54     | A-4398-262-A | SP (2F) BOARD, COMPLETE<br>(DE915:US,CND,PX)       |         | * 62     | 4-989-885-21 | PANEL, BACK (DE915:AUS)                |         |
| * 54     | A-4398-295-A | SP (2F) BOARD, COMPLETE<br>(V909/VE910:E,SP,MY)    |         | * 62     | 4-989-885-31 | PANEL, BACK (DE915:PX)                 |         |
| * 55     | 1-665-779-11 | HEADPHONE BOARD                                    |         | * 63     | A-4398-274-A | DIGITAL BOARD, COMPLETE (DE915)        |         |
| * 56     | A-4398-236-A | SUR BOARD, COMPLETE<br>(VE910:AEP,UK,G,AED,EE)     |         | * 63     | A-4403-423-A | DIGITAL BOARD, COMPLETE (V909/VE910)   |         |
| * 56     | A-4398-266-A | SUR BOARD, COMPLETE (DE915:US,CND,PX)              |         | * 64     | 1-665-784-11 | VIDEO BOARD                            |         |
| * 56     | A-4398-279-A | SUR BOARD, COMPLETE<br>(V909/VE910:E,SP,MY)        |         | * 65     | 1-667-185-11 | JOINT (VIDEO) BOARD                    |         |
| * 56     | A-4398-287-A | SUR BOARD, COMPLETE (DE915:AUS)                    |         | * 66     | A-4398-229-A | S VIDEO BOARD, COMPLETE (DE915:US,CND) |         |
| 57       | 1-773-116-11 | WIRE (FLAT TYPE) (19 CORE)(23cm)                   |         | * 66     | A-4398-251-A | S VIDEO BOARD, COMPLETE (DE915:AUS,PX) |         |
| 58       | 1-773-174-11 | WIRE (FLAT TYPE) (21 CORE)(9cm)                    |         | * 66     | A-4398-285-A | S VIDEO BOARD, COMPLETE (V909/VE910)   |         |
| * 59     | 3-703-244-00 | BUSHING (2104), CORD                               |         | * 67     | 1-665-777-11 | VIDEO (3) BOARD                        |         |
| △ 60     | 1-696-847-11 | CORD, POWER (AUS)                                  |         | * 68     | 4-954-051-41 | HOLDER, PC BOARD                       |         |
| △ 60     | 1-769-743-11 | CORD, POWER (US,CND)                               |         | △ 69     | 1-569-008-11 | ADAPTOR, CONVERSION 2P (E,PX)          |         |
| △ 60     | 1-769-744-11 | CORD, POWER (EXCEPT US,CND,AUS,CH)                 |         | △ 70     | 1-770-019-11 | ADAPTOR, CONVERSION 3P (UK)            |         |
| △ 60     | 1-782-464-21 | CORD, POWER (CH)                                   |         | * 71     | 1-665-788-11 | VOLSEL BOARD (DE915:PX/VE910:E)        |         |
| 61       | 4-956-370-12 | BAND, PLUG FIXED (AUS)                             |         | 72       | 4-947-010-01 | SCREW, FEEDER FIXED                    |         |
|          |              |                                                    |         | △ CNJ909 | 1-251-416-11 | OUTLET, AC (AUS)                       |         |
|          |              |                                                    |         | △ CNJ909 | 1-526-794-11 | OUTLET, AC (EXCEPT US,CND,AUS,PX,CH)   |         |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

3-3. CHASSIS SECTION



| Ref. No. | Part No.     | Description                              | Remarks                 | Ref. No. | Part No.     | Description                           | Remarks           |
|----------|--------------|------------------------------------------|-------------------------|----------|--------------|---------------------------------------|-------------------|
| 101      | X-4947-025-1 | FOOT ASSY (BLACK)(VE910)                 |                         | * 105    | A-4398-288-A | AMP BOARD, COMPLETE (DE915:AUS)       |                   |
| 101      | X-4947-207-1 | FOOT ASSY (F50150S)(BLACK)(DE915:AUS,PX) |                         | * 106    | 1-665-792-11 | AMP JOINT (B) BOARD                   |                   |
| 101      | X-4947-208-1 | FOOT ASSY (F50150S)(BLACK)               | (DE915:US,CND)          | * 107    | 1-665-791-11 | AMP JOINT (F) BOARD                   |                   |
| 101      | X-4948-848-1 | FOOT ASSY (GOLD)(V909)                   |                         | 108      | 3-905-609-01 | SCREW (TRANSISTOR)                    |                   |
| * 102    | A-4398-249-A | PS BOARD, COMPLETE                       |                         | * 109    | A-4398-234-A | REAR AMP BOARD, COMPLETE (V909/VE910) |                   |
| * 102    | A-4398-261-A | PS BOARD, COMPLETE (DE915:US,CND)        |                         | * 109    | A-4398-248-A | REAR AMP BOARD, COMPLETE (DE915:AUS)  |                   |
| * 102    | A-4398-278-A | PS BOARD, COMPLETE (V909/VE910:E,SP,MY)  |                         | * 109    | A-4398-258-A | REAR AMP BOARD, COMPLETE              | (DE915:US,CND,PX) |
| * 102    | A-4398-282-A | PS BOARD, COMPLETE (DE915:PX)            |                         | △ T901   | 1-431-281-11 | TRANSFORMER, POWER (US)               |                   |
| 103      | 4-977-358-11 | CUSHION (8X12.5) (DE915:US,CND)          |                         | △ T901   | 1-431-282-11 | TRANSFORMER, POWER (CND)              |                   |
| * 104    | 1-665-783-11 | SECONDARY BOARD                          |                         | △ T901   | 1-431-283-11 | TRANSFORMER, POWER (AUS)              |                   |
| * 105    | A-4398-230-A | AMP BOARD, COMPLETE (DE915:US,CND,PX)    |                         | △ T901   | 1-431-284-11 | TRANSFORMER, POWER (PX)               |                   |
| * 105    | A-4398-280-A | AMP BOARD, COMPLETE                      | (V909/VE910:E,SP,MY)    | △ T901   | 1-431-285-11 | TRANSFORMER, POWER (E,SP,MY,CH)       |                   |
| * 105    | A-4398-286-A | AMP BOARD, COMPLETE                      | (VE910:AEP,UK,G,AED,EE) | △ T901   | 1-431-286-11 | TRANSFORMER, POWER (AEP,UK,G,EE,AED)  |                   |

|                                                                                                                                  |                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|

# SECTION 4 ELECTRICAL PARTS LIST

AMP

## Note:

When indicating parts by reference number, please include the board name.

The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.

- XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS:  
uF:  $\mu$ F
- RESISTORS  
All resistors are in ohms.  
METAL: metal-film resistor  
METAL OXIDE: Metal Oxide-film resistor  
F: nonflammable

- COILS  
uH:  $\mu$ H
- SEMICONDUCTORS  
In each case, u:  $\mu$ , for example:  
uA...:  $\mu$ A..., uPA...,  $\mu$ PA...,  
uPB...,  $\mu$ PB..., uPC...,  $\mu$ PC...,  
uPD...,  $\mu$ PD...
- Abbreviation  
CND : Canadian      AUS: Australian  
CH : Chinese      G : German  
AED : North European      EE : East European  
MY : Malaysia      SP : Singapore

| Ref. No.      | Part No.     | Description                                           | Remarks                         | Ref. No.      | Part No.     | Description                    | Remarks |
|---------------|--------------|-------------------------------------------------------|---------------------------------|---------------|--------------|--------------------------------|---------|
|               |              |                                                       |                                 | < CONNECTOR > |              |                                |         |
| *             | A-4398-230-A | AMP BOARD, COMPLETE (DE915:US,CND,PX)<br>*****        |                                 | CNP701        | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P     |         |
| *             | A-4398-280-A | AMP BOARD, COMPLETE (V909/VE910:E,SP,<br>***** MY)    |                                 | CNP702        | 1-695-091-11 | PIN, CONNECTOR (PC BOARD) 15P  |         |
| *             | A-4398-286-A | AMP BOARD, COMPLETE (VE910:AEP,UK,G,<br>***** AED,EE) |                                 | CNS502        | 1-770-404-11 | HOUSING,CONNECTOR(PC BOARD)11P |         |
| *             | A-4398-288-A | AMP BOARD, COMPLETE (DE915:AUS)<br>*****              |                                 | CNS602        | 1-770-404-11 | HOUSING,CONNECTOR(PC BOARD)11P |         |
|               |              |                                                       |                                 | CNS701        | 1-569-323-11 | SOCKET, CONNECTOR 19P          |         |
|               |              |                                                       |                                 | < DIODE >     |              |                                |         |
| *             | 1-537-738-21 | TERMINAL, EARTH                                       |                                 | D501          | 8-719-987-63 | DIODE 1N4148M                  |         |
|               | 7-685-872-09 | SCREW +BVT 3X8 (S)                                    |                                 | D502          | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
| < CAPACITOR > |              |                                                       |                                 | D503          | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
| C520          | 1-126-967-11 | ELECT                                                 | 47uF 20% 16V                    | D504          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C521          | 1-107-597-11 | CERAMIC                                               | 22PF 10% 500V                   | D505          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C522          | 1-107-597-11 | CERAMIC                                               | 22PF 10% 500V                   | D506          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C523          | 1-162-286-31 | CERAMIC                                               | 220PF 10% 50V                   | D507          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C524          | 1-126-964-11 | ELECT                                                 | 10uF 20% 50V                    | D508          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C525          | 1-136-157-00 | FILM                                                  | 0.022uF 5% 50V                  | D512          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C526          | 1-136-153-00 | FILM                                                  | 0.01uF 5% 50V                   | D545          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C570          | 1-126-967-11 | ELECT                                                 | 47uF 20% 16V                    | D546          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C571          | 1-107-597-11 | CERAMIC                                               | 22PF 10% 500V                   | D547          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C572          | 1-107-597-11 | CERAMIC                                               | 22PF 10% 500V                   | D548          | 8-719-815-85 | DIODE 1S1585                   |         |
| C573          | 1-162-286-31 | CERAMIC                                               | 220PF 10% 50V                   | D549          | 8-719-815-85 | DIODE 1S1585                   |         |
| C574          | 1-126-964-11 | ELECT                                                 | 10uF 20% 50V                    | D551          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C575          | 1-136-157-00 | FILM                                                  | 0.022uF 5% 50V                  | D552          | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
| C576          | 1-136-153-00 | FILM                                                  | 0.01uF 5% 50V                   | D553          | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
| C590          | 1-126-935-11 | ELECT                                                 | 470uF 20% 6.3V                  | D554          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C598          | 1-126-965-11 | ELECT                                                 | 22uF 20% 50V                    | D555          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C620          | 1-126-967-11 | ELECT                                                 | 47uF 20% 16V                    | D556          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C621          | 1-107-597-11 | CERAMIC                                               | 22PF 10% 500V                   | D601          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C622          | 1-107-597-11 | CERAMIC                                               | 22PF 10% 500V                   | D602          | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
| C623          | 1-162-286-31 | CERAMIC                                               | 220PF 10% 50V                   | D603          | 8-719-010-06 | DIODE UZ-2.2BS                 |         |
| C803          | 1-117-950-11 | ELECT(SOLID)                                          | 10000uF 20% 63V<br>(V909/VE910) | D604          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C803          | 1-109-932-11 | ELECT                                                 | 10000uF 20% 71V<br>(DE915)      | D608          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C804          | 1-117-950-11 | ELECT(SOLID)                                          | 10000uF 20% 63V<br>(V909/VE910) | D611          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C804          | 1-109-932-11 | ELECT                                                 | 10000uF 20% 71V<br>(DE915)      | D647          | 8-719-987-63 | DIODE 1N4148M (DE915)          |         |
| C807          | 1-126-967-11 | ELECT                                                 | 47uF 20% 16V                    | D648          | 8-719-987-63 | DIODE 1N4148M (DE915)          |         |
| C808          | 1-126-967-11 | ELECT                                                 | 47uF 20% 16V                    | D651          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C810          | 1-126-967-11 | ELECT                                                 | 47uF 20% 16V                    | D711          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C811          | 1-126-952-11 | ELECT                                                 | 1000uF 20% 35V                  | D716          | 8-719-987-63 | DIODE 1N4148M                  |         |
| C812          | 1-126-951-11 | ELECT                                                 | 470uF 20% 35V                   | D807          | 8-719-002-73 | DIODE UZL-36M                  |         |
| C817          | 1-126-967-11 | ELECT                                                 | 47uF 20% 50V                    | < IC >        |              |                                |         |
| C818          | 1-126-967-11 | ELECT                                                 | 47uF 20% 50V                    | IC801         | 8-759-391-87 | IC BA78M12P                    |         |
|               |              |                                                       |                                 | IC803         | 8-759-604-45 | IC M5F79M12                    |         |

| Ref. No.       | Part No.     | Description                   | Remarks                   | Ref. No. | Part No.     | Description            | Remarks                   |
|----------------|--------------|-------------------------------|---------------------------|----------|--------------|------------------------|---------------------------|
| < COIL >       |              |                               |                           | △ R533   | 1-249-393-11 | CARBON                 | 10 5% 1/4W F              |
| L501           | 1-411-906-11 | COIL, AIR-CORE (V909/VE910)   |                           | △ R534   | 1-249-389-11 | CARBON                 | 4.7 5% 1/4W F             |
| L501           | 1-420-872-00 | COIL, AIR-CORE (DE915)        |                           | R535     | 1-249-431-11 | CARBON                 | 15K 5% 1/4W               |
| L551           | 1-411-906-11 | COIL, AIR-CORE (V909/VE910)   |                           | R536     | 1-249-439-11 | CARBON                 | 68K 5% 1/4W (V909/VE910)  |
| L551           | 1-420-872-00 | COIL, AIR-CORE (DE915)        |                           | R536     | 1-249-441-11 | CARBON                 | 100K 5% 1/4W (DE915)      |
| < TRANSISTOR > |              |                               |                           | R539     | 1-249-427-11 | CARBON                 | 6.8K 5% 1/4W F            |
| Q504           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE        |                           | R540     | 1-249-417-11 | CARBON                 | 1K 5% 1/4W F              |
| Q505           | 8-729-209-15 | TRANSISTOR 2SD2012            |                           | R541     | 1-249-429-11 | CARBON                 | 10K 5% 1/4W               |
| Q506           | 8-749-010-25 | IC MN2488-OPY-M               |                           | R547     | 1-249-425-11 | CARBON                 | 4.7K 5% 1/4W F            |
| Q507           | 8-749-010-26 | IC MP1620-OPY-M               |                           | R548     | 1-249-429-11 | CARBON                 | 10K 5% 1/4W               |
| Q508           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA      |                           | △ R549   | 1-249-393-11 | CARBON                 | 10 5% 1/4W F              |
| Q509           | 8-729-281-53 | TRANSISTOR 2SC1815-GR         |                           | R550     | 1-249-429-11 | CARBON                 | 10K 5% 1/4W               |
| Q510           | 8-729-900-63 | TRANSISTOR DTA124ES           |                           | R571     | 1-249-437-11 | CARBON                 | 47K 5% 1/4W (DE915)       |
| Q511           | 8-729-900-63 | TRANSISTOR DTA124ES           |                           | R572     | 1-247-840-00 | CARBON                 | 2.4K 5% 1/4W (V909/VE910) |
| Q546           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK        |                           | R572     | 1-249-421-11 | CARBON                 | 2.2K 5% 1/4W F (DE915)    |
| Q547           | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA     |                           | R573     | 1-249-414-11 | CARBON                 | 560 5% 1/4W F             |
| Q548           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK        |                           | △ R574   | 1-249-408-11 | CARBON                 | 180 5% 1/4W F             |
| Q549           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA      |                           | △ R575   | 1-249-408-11 | CARBON                 | 180 5% 1/4W F             |
| Q554           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE        |                           | △ R576   | 1-233-352-41 | ENCAPSULATED COMPONENT | 0.22X2 2W                 |
| Q555           | 8-729-209-15 | TRANSISTOR 2SD2012            |                           | R577     | 1-247-850-11 | CARBON                 | 6.2K 5% 1/4W              |
| Q556           | 8-749-010-25 | IC MN2488-OPY-M               |                           | R578     | 1-249-419-11 | CARBON                 | 1.5K 5% 1/4W F            |
| Q557           | 8-749-010-26 | IC MP1620-OPY-M               |                           | R579     | 1-247-866-11 | CARBON                 | 30K 5% 1/4W               |
| Q558           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA      |                           | R580     | 1-249-421-11 | CARBON                 | 2.2K 5% 1/4W F            |
| Q559           | 8-729-281-53 | TRANSISTOR 2SC1815-GR         |                           | R581     | 1-249-433-11 | CARBON                 | 22K 5% 1/4W               |
| Q560           | 8-729-900-63 | TRANSISTOR DTA124ES           |                           | R582     | 1-249-437-11 | CARBON                 | 47K 5% 1/4W               |
| Q561           | 8-729-900-63 | TRANSISTOR DTA124ES           |                           | △ R583   | 1-249-393-11 | CARBON                 | 10 5% 1/4W F              |
| Q596           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK        |                           | △ R584   | 1-249-389-11 | CARBON                 | 4.7 5% 1/4W F             |
| Q604           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE        |                           | R585     | 1-249-431-11 | CARBON                 | 15K 5% 1/4W               |
| Q605           | 8-729-209-15 | TRANSISTOR 2SD2012            |                           | R586     | 1-249-429-11 | CARBON                 | 10K 5% 1/4W               |
| Q606           | 8-749-010-25 | IC MN2488-OPY-M               |                           | R587     | 1-249-425-11 | CARBON                 | 4.7K 5% 1/4W F            |
| Q607           | 8-749-010-26 | IC MP1620-OPY-M               |                           | △ R588   | 1-249-393-11 | CARBON                 | 10 5% 1/4W F              |
| Q608           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA      |                           | R621     | 1-249-437-11 | CARBON                 | 47K 5% 1/4W (DE915)       |
| Q610           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK        |                           | R622     | 1-247-840-00 | CARBON                 | 2.4K 5% 1/4W (V909/VE910) |
| Q612           | 8-729-281-53 | TRANSISTOR 2SC1815-GR (DE915) |                           | R622     | 1-249-421-11 | CARBON                 | 2.2K 5% 1/4W F (DE915)    |
| Q613           | 8-729-281-53 | TRANSISTOR 2SC1815-GR         |                           | R623     | 1-249-414-11 | CARBON                 | 560 5% 1/4W F             |
| Q614           | 8-729-201-53 | TRANSISTOR 2SA1015-GR (DE915) |                           | △ R624   | 1-249-408-11 | CARBON                 | 180 5% 1/4W F             |
| Q615           | 8-729-900-36 | TRANSISTOR DTC124ES (DE915)   |                           | △ R625   | 1-249-408-11 | CARBON                 | 180 5% 1/4W F             |
| Q616           | 8-729-900-36 | TRANSISTOR DTC124ES           |                           | △ R626   | 1-233-352-41 | ENCAPSULATED COMPONENT | 0.22X2 2W                 |
| Q617           | 8-729-900-36 | TRANSISTOR DTC124ES (DE915)   |                           | R627     | 1-247-850-11 | CARBON                 | 6.2K 5% 1/4W              |
| Q618           | 8-729-900-63 | TRANSISTOR DTA124ES (DE915)   |                           | R628     | 1-249-419-11 | CARBON                 | 1.5K 5% 1/4W F            |
| Q801           | 8-729-209-15 | TRANSISTOR 2SD2012            |                           | R632     | 1-249-437-11 | CARBON                 | 47K 5% 1/4W               |
| < RESISTOR >   |              |                               |                           | R640     | 1-216-450-00 | METAL OXIDE            | 82 5% 2W F (DE915)        |
| R521           | 1-249-437-11 | CARBON                        | 47K 5% 1/4W (DE915)       | R641     | 1-249-441-11 | CARBON                 | 100K 5% 1/4W (DE915)      |
| R522           | 1-247-840-00 | CARBON                        | 2.4K 5% 1/4W (V909/VE910) | R642     | 1-216-454-11 | METAL OXIDE            | 390 5% 2W F (V909/VE910)  |
| R522           | 1-249-421-11 | CARBON                        | 2.2K 5% 1/4W F (DE915)    | R642     | 1-215-889-00 | METAL OXIDE            | 330 5% 2W F (DE915)       |
| R523           | 1-249-414-11 | CARBON                        | 560 5% 1/4W F             | R643     | 1-249-441-11 | CARBON                 | 100K 5% 1/4W              |
| △ R524         | 1-249-408-11 | CARBON                        | 180 5% 1/4W F             | R644     | 1-215-890-11 | METAL OXIDE            | 470 5% 2W F (DE915)       |
| △ R525         | 1-249-408-11 | CARBON                        | 180 5% 1/4W F             |          |              |                        |                           |
| △ R526         | 1-233-352-41 | ENCAPSULATED COMPONENT        |                           |          |              |                        |                           |
| R527           | 1-247-850-11 | CARBON                        | 6.2K 5% 1/4W              |          |              |                        |                           |
| R528           | 1-249-419-11 | CARBON                        | 1.5K 5% 1/4W F            |          |              |                        |                           |
| R529           | 1-247-866-11 | CARBON                        | 30K 5% 1/4W               |          |              |                        |                           |
| R530           | 1-249-421-11 | CARBON                        | 2.2K 5% 1/4W F            |          |              |                        |                           |
| R531           | 1-249-433-11 | CARBON                        | 22K 5% 1/4W               |          |              |                        |                           |
| R532           | 1-249-437-11 | CARBON                        | 47K 5% 1/4W               |          |              |                        |                           |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref. No. | Part No.     | Description |      |    | Remarks         |
|----------|--------------|-------------|------|----|-----------------|
| R645     | 1-249-441-11 | CARBON      | 100K | 5% | 1/4W<br>(DE915) |
| R650     | 1-249-425-11 | CARBON      | 4.7K | 5% | 1/4W F          |
| R651     | 1-249-429-11 | CARBON      | 10K  | 5% | 1/4W            |
| △ R652   | 1-249-393-11 | CARBON      | 10   | 5% | 1/4W F          |
| R739     | 1-215-868-00 | METAL OXIDE | 680  | 5% | 1W F            |
| R789     | 1-215-868-00 | METAL OXIDE | 680  | 5% | 1W F            |
| △ R802   | 1-249-381-11 | CARBON      | 1    | 5% | 1/4W F          |
| R803     | 1-247-843-11 | CARBON      | 3.3K | 5% | 1/4W            |

## &lt; RELAY &gt;

|       |              |             |
|-------|--------------|-------------|
| RY501 | 1-515-920-11 | RELAY (24V) |
| RY502 | 1-515-920-11 | RELAY (24V) |
| RY602 | 1-515-793-11 | RELAY       |

## &lt; TERMINAL &gt;

|         |              |                                      |
|---------|--------------|--------------------------------------|
| * TM501 | 1-537-699-11 | TERMINAL BOARD (SP) (FRONT SPEAKERS) |
|---------|--------------|--------------------------------------|

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|---|--------------|---------------------|
| * | 1-665-791-11 | AMP JOINT (F) BOARD |
|---|--------------|---------------------|

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## &lt; CONNECTOR &gt;

|        |              |                               |
|--------|--------------|-------------------------------|
| CNP501 | 1-770-553-11 | CONNECTOR, BOARD TO BOARD 11P |
| CNP502 | 1-770-553-11 | CONNECTOR, BOARD TO BOARD 11P |

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|   |              |                     |
|---|--------------|---------------------|
| * | 1-665-792-11 | AMP JOINT (B) BOARD |
|---|--------------|---------------------|

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## &lt; CONNECTOR &gt;

|        |              |                               |
|--------|--------------|-------------------------------|
| CNP601 | 1-770-553-11 | CONNECTOR, BOARD TO BOARD 11P |
| CNP602 | 1-770-553-11 | CONNECTOR, BOARD TO BOARD 11P |

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|---|--------------|------------------|
| * | 1-665-786-11 | AUDIO (2F) BOARD |
|---|--------------|------------------|

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## &lt; CAPACITOR &gt;

|      |              |                                   |         |     |     |
|------|--------------|-----------------------------------|---------|-----|-----|
| C398 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
| C399 | 1-162-294-31 | CERAMIC                           | 0.001uF | 10% | 50V |
| CC08 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC09 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC10 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC11 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC12 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC13 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC58 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC59 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC60 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC61 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC62 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |
| CC63 | 1-162-282-31 | CERAMIC                           | 100PF   | 10% | 50V |
|      |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |     |     |

| Ref. No. | Part No.     | Description                                |  |  | Remarks |
|----------|--------------|--------------------------------------------|--|--|---------|
|          |              | < CONNECTOR >                              |  |  |         |
| CNS302   | 1-695-093-11 | SOCKET, CONNECTOR 9P                       |  |  |         |
|          |              | < IC >                                     |  |  |         |
| IC303    | 8-759-805-14 | IC LC7822                                  |  |  |         |
|          |              | < JACK >                                   |  |  |         |
| J304     | 1-766-394-11 | JACK, PIN 6P (VIDEO 1 IN OUT, VIDEO 2 IN)  |  |  |         |
| J305     | 1-766-394-11 | JACK, PIN 6P (VIDEO 2 OUT, LD/DVD, TV/DBS) |  |  |         |

## &lt; RESISTOR &gt;

|      |              |        |      |    |        |
|------|--------------|--------|------|----|--------|
| R318 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R319 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R320 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R321 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R322 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R323 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R368 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R369 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R370 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R371 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R372 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R373 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R398 | 1-249-417-11 | CARBON | 1K   | 5% | 1/4W F |
| R399 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F |

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|---|--------------|---------------|
| * | 1-665-815-11 | BALANCE BOARD |
|---|--------------|---------------|

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## &lt; VARIABLE RESISTOR &gt;

|       |              |                                      |
|-------|--------------|--------------------------------------|
| RV402 | 1-225-447-11 | RES. VAR, CARBON 100K/100K (BALANCE) |
|-------|--------------|--------------------------------------|

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|---|--------------|---------------------------------|
| * | A-4398-274-A | DIGITAL BOARD, COMPLETE (DE915) |
|---|--------------|---------------------------------|

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|---|--------------|--------------------------------------|
| * | A-4403-423-A | DIGITAL BOARD, COMPLETE (V909/VE910) |
|---|--------------|--------------------------------------|

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## &lt; CAPACITOR &gt;

|       |              |              |        |     |      |
|-------|--------------|--------------|--------|-----|------|
| C3101 | 1-126-964-11 | ELECT        | 10uF   | 20% | 50V  |
| C3102 | 1-126-964-11 | ELECT        | 10uF   | 20% | 50V  |
| C3103 | 1-130-467-00 | MYLAR        | 470PF  | 5%  | 50V  |
| C3104 | 1-130-467-00 | MYLAR        | 470PF  | 5%  | 50V  |
| C3105 | 1-126-964-11 | ELECT        | 10uF   | 20% | 50V  |
| C3106 | 1-165-319-11 | CERAMIC CHIP | 0.1uF  |     | 50V  |
| C3107 | 1-106-351-00 | MYLAR        | 2200PF | 5%  | 200V |
| C3108 | 1-165-319-11 | CERAMIC CHIP | 0.1uF  |     | 50V  |
| C3110 | 1-104-665-11 | ELECT        | 100uF  | 20% | 25V  |
| C3111 | 1-164-222-11 | CERAMIC CHIP | 0.22uF |     | 25V  |
| C3112 | 1-126-964-11 | ELECT        | 10uF   | 20% | 50V  |
| C3113 | 1-126-964-11 | ELECT        | 10uF   | 20% | 50V  |
| C3114 | 1-164-222-11 | CERAMIC CHIP | 0.22uF |     | 25V  |
| C3115 | 1-126-967-11 | ELECT        | 47uF   | 20% | 16V  |
| C3116 | 1-165-319-11 | CERAMIC CHIP | 0.1uF  |     | 50V  |

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# DIGITAL

| Ref. No. | Part No.     | Description  |         |     |                     | Remarks | Ref. No. | Part No.     | Description  |         |       |     | Remarks |
|----------|--------------|--------------|---------|-----|---------------------|---------|----------|--------------|--------------|---------|-------|-----|---------|
| C3117    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |     | 50V                 |         | C3346    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3118    | 1-163-235-11 | CERAMIC CHIP | 22PF    | 5%  | 50V                 |         | C3347    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3119    | 1-163-235-11 | CERAMIC CHIP | 22PF    | 5%  | 50V                 |         | C3348    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3120    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3351    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3121    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3352    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3122    | 1-104-665-11 | ELECT        | 100uF   | 20% | 25V                 |         | C3353    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3151    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 |         | C3354    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3152    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 |         | C3355    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3153    | 1-130-467-00 | MYLAR        | 470PF   | 5%  | 50V                 |         | C3401    | 1-104-665-11 | ELECT        | 100uF   | 20%   | 25V |         |
| C3154    | 1-130-467-00 | MYLAR        | 470PF   | 5%  | 50V                 |         | C3407    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3155    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 |         | C3408    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3156    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3409    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%    | 50V |         |
| C3157    | 1-106-351-00 | MYLAR        | 2200PF  | 5%  | 200V                |         | C3410    | 1-130-483-00 | MYLAR        | 0.01uF  | 5%    | 50V |         |
| C3158    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3411    | 1-163-249-11 | CERAMIC CHIP | 82PF    | 5%    | 50V |         |
| C3160    | 1-104-665-11 | ELECT        | 100uF   | 20% | 25V                 |         | C3412    | 1-163-227-11 | CERAMIC CHIP | 10PF    | 0.5PF | 50V |         |
| C3161    | 1-164-222-11 | CERAMIC CHIP | 0.22uF  |     | 25V                 |         | C3413    | 1-163-229-11 | CERAMIC CHIP | 12PF    | 5%    | 50V |         |
| C3162    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 |         | C3414    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3163    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 |         | C3415    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3164    | 1-164-222-11 | CERAMIC CHIP | 0.22uF  |     | 25V                 |         | C3416    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |         |
| C3166    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3417    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |         |
| C3301    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%  | 50V                 |         | C3418    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3302    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3419    | 1-104-665-11 | ELECT        | 100uF   | 20%   | 25V |         |
| C3303    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3420    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3304    | 1-163-023-00 | CERAMIC CHIP | 0.015uF | 5%  | 50V                 |         | C3421    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3305    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%  | 50V                 |         | C3422    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3306    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V<br>(V909/VE910) |         | C3423    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3307    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3424    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3308    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3425    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |         |
| C3309    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3426    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |         |
| C3310    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3427    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3311    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3429    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3313    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V<br>(V909/VE910) |         | C3430    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3314    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3431    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3315    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%  | 50V                 |         | C3432    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3316    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%  | 50V                 |         | C3433    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3320    | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 25V                 |         | C3434    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |         |
| C3321    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3435    | 1-163-251-11 | CERAMIC CHIP | 100PF   | 5%    | 50V |         |
| C3322    | 1-163-248-11 | CERAMIC CHIP | 75PF    | 5%  | 50V                 |         | C3436    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3323    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%  | 50V                 |         | C3438    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3324    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3439    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3325    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3440    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3326    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |     | 50V                 |         | C3441    | 1-126-964-11 | ELECT        | 10uF    | 20%   | 50V |         |
| C3327    | 1-136-921-11 | FILM         | 1uF     | 5%  | 50V                 |         | C3442    | 1-163-243-11 | CERAMIC CHIP | 47PF    | 5%    | 50V |         |
| C3328    | 1-136-921-11 | FILM         | 1uF     | 5%  | 50V                 |         | C3443    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3330    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3444    | 1-126-933-11 | ELECT        | 100uF   | 20%   | 16V |         |
| C3331    | 1-104-665-11 | ELECT        | 100uF   | 20% | 25V                 |         | C3447    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3332    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3471    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3333    | 1-126-967-11 | ELECT        | 47uF    | 20% | 16V                 |         | C3472    | 1-130-490-11 | MYLAR        | 0.039uF | 5%    | 50V |         |
| C3334    | 1-130-495-00 | MYLAR        | 0.1uF   | 5%  | 50V                 |         | C3475    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3336    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3476    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3337    | 1-163-099-00 | CERAMIC CHIP | 18PF    | 5%  | 50V                 |         | C3477    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3338    | 1-163-085-00 | CERAMIC CHIP | 2PF     |     | 50V                 |         | C3478    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3339    | 1-126-964-11 | ELECT        | 10uF    | 20% | 50V                 |         | C3479    | 1-163-227-11 | CERAMIC CHIP | 10PF    | 0.5PF | 50V |         |
| C3340    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |     | 50V                 |         | C3480    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |       | 50V |         |
| C3341    | 1-164-232-11 | CERAMIC CHIP | 0.01uF  |     | 50V                 |         | C3481    | 1-126-965-11 | ELECT        | 22uF    | 20%   | 50V |         |
| C3342    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3482    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
| C3345    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |     | 50V                 |         | C3483    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
|          |              |              |         |     |                     |         | C3484    | 1-163-275-11 | CERAMIC CHIP | 0.001uF | 5%    | 50V |         |
|          |              |              |         |     |                     |         | C3485    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |
|          |              |              |         |     |                     |         | C3486    | 1-165-319-11 | CERAMIC CHIP | 0.1uF   |       | 50V |         |

| Ref. No. | Part No.     | Description  |          |       | Remarks | Ref. No.      | Part No.     | Description                    |          |     | Remarks |
|----------|--------------|--------------|----------|-------|---------|---------------|--------------|--------------------------------|----------|-----|---------|
| C3487    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3553         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3488    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3554         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3489    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3555         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3490    | 1-163-275-11 | CERAMIC CHIP | 0.001uF  | 5%    | 50V     | C3556         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3491    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3557         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3492    | 1-126-965-11 | ELECT        | 22uF     | 20%   | 50V     | C3558         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3493    | 1-164-232-11 | CERAMIC CHIP | 0.01uF   |       | 50V     | C3559         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3494    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3560         | 1-130-477-00 | MYLAR                          | 0.0033uF | 5%  | 50V     |
| C3495    | 1-163-227-11 | CERAMIC CHIP | 10PF     | 0.5PF | 50V     | C3561         | 1-130-469-00 | MYLAR                          | 680PF    | 5%  | 50V     |
| C3496    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3562         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3497    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3563         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3498    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3564         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3499    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3565         | 1-130-477-00 | MYLAR                          | 0.0033uF | 5%  | 50V     |
| C3500    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3566         | 1-130-469-00 | MYLAR                          | 680PF    | 5%  | 50V     |
| C3501    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3567         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3502    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3568         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3503    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3569         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3504    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3570         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3505    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3571         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3506    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3572         | 1-110-339-11 | MYLAR                          | 220PF    | 5%  | 50V     |
| C3507    | 1-126-964-11 | ELECT        | 10uF     | 20%   | 50V     | C3573         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3508    | 1-163-227-11 | CERAMIC CHIP | 10PF     | 0.5PF | 50V     | C3574         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3509    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3575         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3510    | 1-130-477-00 | MYLAR        | 0.0033uF | 5%    | 50V     | C3576         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3511    | 1-130-469-00 | MYLAR        | 680PF    | 5%    | 50V     | C3577         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3512    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3578         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3513    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3579         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3514    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3580         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3515    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3581         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3516    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3582         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3517    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3583         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3518    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3584         | 1-126-964-11 | ELECT                          | 10uF     | 20% | 50V     |
| C3519    | 1-130-477-00 | MYLAR        | 0.0033uF | 5%    | 50V     | C3585         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3520    | 1-130-469-00 | MYLAR        | 680PF    | 5%    | 50V     | C3586         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3521    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3587         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3525    | 1-126-964-11 | ELECT        | 10uF     | 20%   | 50V     | C3588         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3526    | 1-163-227-11 | CERAMIC CHIP | 10PF     | 0.5PF | 50V     | C3589         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3527    | 1-126-964-11 | ELECT        | 10uF     | 20%   | 50V     | C3600         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3531    | 1-126-964-11 | ELECT        | 10uF     | 20%   | 50V     | C3605         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3532    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3606         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3533    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3607         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3534    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3608         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3535    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3609         | 1-126-965-11 | ELECT                          | 22uF     | 20% | 50V     |
| C3536    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3621         | 1-165-319-11 | CERAMIC CHIP                   | 0.1uF    |     | 50V     |
| C3537    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3650         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3538    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3653         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3539    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | C3656         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3540    | 1-130-477-00 | MYLAR        | 0.0033uF | 5%    | 50V     | C3659         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3541    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | C3662         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3542    | 1-130-469-00 | MYLAR        | 680PF    | 5%    | 50V     | C3665         | 1-130-467-00 | MYLAR                          | 470PF    | 5%  | 50V     |
| C3543    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     | < CONNECTOR > |              |                                |          |     |         |
| C3544    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | CN3301        | 1-569-309-11 | SOCKET, CONNECTOR (L TYRE) 21P |          |     |         |
| C3545    | 1-130-469-00 | MYLAR        | 680PF    | 5%    | 50V     | CN3302        | 1-569-309-11 | SOCKET, CONNECTOR (L TYRE) 21P |          |     |         |
| C3546    | 1-130-477-00 | MYLAR        | 0.0033uF | 5%    | 50V     | CN3303        | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P      |          |     |         |
| C3547    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     | CN3304        | 1-691-768-11 | PLUG (MICRO CONNECTOR) 6P      |          |     |         |
| C3548    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     |               |              |                                |          |     |         |
| C3549    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     |               |              |                                |          |     |         |
| C3550    | 1-165-319-11 | CERAMIC CHIP | 0.1uF    |       | 50V     |               |              |                                |          |     |         |
| C3551    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     |               |              |                                |          |     |         |
| C3552    | 1-110-339-11 | MYLAR        | 220PF    | 5%    | 50V     |               |              |                                |          |     |         |

| Ref. No.         | Part No.     | Description              | Remarks | Ref. No.       | Part No.     | Description                              | Remarks |
|------------------|--------------|--------------------------|---------|----------------|--------------|------------------------------------------|---------|
| < DIODE >        |              |                          |         |                |              |                                          |         |
| D3303            | 8-719-061-62 | DIODE KV1851             |         | IC3503         | 8-759-636-55 | IC M5218AFP                              |         |
| D3401            | 8-719-951-05 | DIODE KV1560             |         | IC3504         | 8-759-636-55 | IC M5218AFP                              |         |
| D3402            | 8-719-801-78 | DIODE 1SS184             |         | IC3505         | 8-759-636-55 | IC M5218AFP                              |         |
| D3404            | 8-719-801-78 | DIODE 1SS184             |         | IC3506         | 8-759-636-55 | IC M5218AFP                              |         |
| D3407            | 8-719-820-05 | DIODE 1SS181             |         | IC3507         | 8-759-636-55 | IC M5218AFP                              |         |
|                  |              |                          |         |                |              |                                          |         |
| D3409            | 8-719-801-78 | DIODE 1SS184             |         | IC3508         | 8-759-636-55 | IC M5218AFP                              |         |
| D3410            | 8-719-801-78 | DIODE 1SS184             |         | IC3509         | 8-759-636-55 | IC M5218AFP                              |         |
| < FERRITE BEAD > |              |                          |         | IC3510         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3401           | 1-410-397-21 | FERRITE BEAD INDUCTOR    |         | IC3511         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3402           | 1-410-397-21 | FERRITE BEAD INDUCTOR    |         | IC3512         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3403           | 1-410-397-21 | FERRITE BEAD INDUCTOR    |         |                |              |                                          |         |
| FB3404           | 1-410-397-21 | FERRITE BEAD INDUCTOR    |         | IC3513         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3405           | 1-414-813-21 | INDUCTOR 0UH             |         | IC3514         | 8-759-636-55 | IC M5218AFP                              |         |
|                  |              |                          |         | IC3515         | 8-759-636-55 | IC M5218AFP                              |         |
| FB3406           | 1-414-813-21 | INDUCTOR 0UH             |         | IC3516         | 8-759-463-71 | IC LC7535M-TP                            |         |
| FB3407           | 1-414-813-21 | INDUCTOR 0UH             |         | IC3517         | 8-759-463-71 | IC LC7535M-TP                            |         |
| < FILTER >       |              |                          |         | < JACK >       |              |                                          |         |
| FL3301           | 1-233-866-11 | FILTER, BAND PASS        |         | J3301          | 1-770-905-11 | JACK, PIN 1P (LD IN COAXIAL)(V909/VE910) |         |
| < IC >           |              |                          |         | J3302          | 1-779-701-11 | JACK, PIN 1P (LD/DVD IN)                 |         |
| IC3101           | 8-759-636-55 | IC M5218AFP              |         | < COIL >       |              |                                          |         |
| IC3102           | 8-759-636-55 | IC M5218AFP              |         | L3301          | 1-410-391-11 | INDUCTOR CHIP 68uH                       |         |
| IC3103           | 8-759-636-55 | IC M5218AFP              |         | L3401          | 1-426-850-11 | COIL (RF)                                |         |
| IC3104           | 8-759-463-77 | IC CXD8681M-TP           |         | L3402          | 1-410-381-11 | INDUCTOR CHIP 10uH                       |         |
| IC3105           | 8-759-604-35 | IC M5F78M05L             |         | L3403          | 1-410-381-11 | INDUCTOR CHIP 10uH                       |         |
|                  |              |                          |         | L3404          | 1-410-381-11 | INDUCTOR CHIP 10uH                       |         |
| IC3106           | 8-759-045-17 | IC NJM79L05UA            |         |                |              |                                          |         |
| IC3107           | 8-759-242-70 | IC TC7WU04F              |         | L3405          | 1-410-381-11 | INDUCTOR CHIP 10uH                       |         |
| IC3108           | 8-759-233-26 | IC TC74HC393AF-TP1       |         | < TRANSISTOR > |              |                                          |         |
| IC3301           | 8-749-923-05 | IC TORX178 (LD/DVD IN)   |         | Q3301          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3302           | 8-749-923-05 | IC TORX178 (CD IN)       |         | Q3302          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
|                  |              |                          |         | Q3303          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3303           | 8-749-923-05 | IC TORX178 (DAT/MD IN)   |         | Q3304          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3304           | 8-749-923-04 | IC TOTX178 (DAT/MD OUT)  |         | Q3305          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3305           | 8-759-262-03 | IC MC14577CF             |         |                |              |                                          |         |
| IC3306           | 8-759-636-55 | IC M5218AFP              |         | Q3306          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3307           | 8-759-045-17 | IC NJM79L05UA            |         | Q3307          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
|                  |              |                          |         | Q3308          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3308           | 8-759-463-68 | IC SN-PM4007A            |         | Q3309          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3309           | 8-759-441-94 | IC IDT71256SA20Y-TL      |         | Q3310          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3311           | 8-759-326-72 | IC CXD8521M              |         |                |              |                                          |         |
| IC3313           | 8-759-236-17 | IC TC74HC151AF-TP1       |         | Q3311          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3314           | 8-759-242-70 | IC TC7WU04F (V909/VE910) |         | Q3312          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
|                  |              |                          |         | Q3313          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3401           | 8-759-370-62 | IC CXD8505BQ             |         | Q3314          | 8-729-216-22 | TRANSISTOR 2SA1162-G                     |         |
| IC3402           | 8-759-370-62 | IC CXD8505BQ             |         | Q3315          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
| IC3403           | 8-759-370-62 | IC CXD8505BQ             |         |                |              |                                          |         |
| IC3407           | 8-759-233-26 | IC TC74HC393AF-TP1       |         | Q3401          | 8-729-232-11 | TRANSISTOR 2SK302-GR-TE85L               |         |
| IC3408           | 8-759-233-64 | IC TC74HCU04AF           |         | Q3402          | 8-729-232-11 | TRANSISTOR 2SK302-GR-TE85L               |         |
|                  |              |                          |         | Q3403          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3409           | 8-759-250-81 | IC TC5081AP              |         | Q3404          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3410           | 8-759-446-37 | IC DSP56009FJ88F         |         | Q3405          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3411           | 8-759-436-44 | IC IDT71024S20Y-TL       |         |                |              |                                          |         |
| IC3412           | 8-759-446-40 | IC SSP424023FJ88         |         | Q3406          | 8-729-230-49 | TRANSISTOR 2SC2712-YG                    |         |
| IC3413           | 8-759-488-55 | IC MB90641APF-G-104BND   |         | Q3407          | 8-729-027-43 | TRANSISTOR DTC114EKA-T146                |         |
|                  |              |                          |         | Q3501          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
| IC3414           | 8-759-232-65 | IC TC74HC157AF           |         | Q3502          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
| IC3417           | 8-759-233-64 | IC TC74HCU04AF           |         | Q3503          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
| IC3425           | 8-759-242-70 | IC TC7WU04F              |         |                |              |                                          |         |
| IC3501           | 8-759-636-55 | IC M5218AFP              |         | Q3504          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
| IC3502           | 8-759-636-55 | IC M5218AFP              |         | Q3505          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
|                  |              |                          |         | Q3506          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
|                  |              |                          |         | Q3511          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |
|                  |              |                          |         | Q3512          | 8-729-107-46 | TRANSISTOR 2SC3624A-L15                  |         |

| Ref. No.     | Part No.     | Description             | Remarks                  | Ref. No. | Part No.     | Description      | Remarks                  |
|--------------|--------------|-------------------------|--------------------------|----------|--------------|------------------|--------------------------|
| Q3513        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          | R3311    | 1-216-022-00 | METAL CHIP 75    | 5% 1/10W                 |
| Q3514        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          | R3312    | 1-216-025-91 | METAL GLAZE 100  | 5% 1/10W<br>(V909/VE910) |
| Q3515        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          | R3313    | 1-216-022-00 | METAL CHIP 75    | 5% 1/10W                 |
| Q3516        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          | R3314    | 1-216-022-00 | METAL CHIP 75    | 5% 1/10W                 |
| Q3517        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          |          |              |                  |                          |
| Q3518        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          | R3315    | 1-216-025-91 | METAL GLAZE 100  | 5% 1/10W<br>(V909/VE910) |
| Q3519        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          | R3316    | 1-216-073-00 | METAL CHIP 10K   | 5% 1/10W                 |
| Q3520        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          | R3317    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| Q3521        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          |          |              |                  |                          |
| Q3522        | 8-729-107-46 | TRANSISTOR 2SC3624A-L15 |                          | R3318    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| < RESISTOR > |              |                         |                          | R3319    | 1-216-083-00 | METAL CHIP 27K   | 5% 1/10W                 |
| R3100        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3320    | 1-216-043-91 | METAL GLAZE 560  | 5% 1/10W                 |
| R3101        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3321    | 1-216-024-00 | METAL GLAZE 91   | 5% 1/10W                 |
| R3102        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3322    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3103        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 |          |              |                  |                          |
| R3104        | 1-216-053-00 | METAL CHIP 1.5K         | 5% 1/10W                 | R3323    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
|              |              |                         |                          | R3324    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3105        | 1-216-017-91 | METAL GLAZE 47          | 5% 1/10W                 | R3325    | 1-216-065-00 | METAL CHIP 4.7K  | 5% 1/10W                 |
| R3106        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3326    | 1-216-029-00 | METAL CHIP 150   | 5% 1/10W                 |
| R3107        | 1-216-053-00 | METAL CHIP 1.5K         | 5% 1/10W                 | R3327    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3108        | 1-216-017-91 | METAL GLAZE 47          | 5% 1/10W                 |          |              |                  |                          |
| R3109        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3328    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
|              |              |                         |                          | R3329    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3110        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3330    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3111        | 1-216-073-00 | METAL CHIP 10K          | 5% 1/10W                 | R3331    | 1-216-055-00 | METAL CHIP 1.8K  | 5% 1/10W                 |
| R3112        | 1-216-027-00 | METAL CHIP 120          | 5% 1/10W                 | R3332    | 1-216-073-00 | METAL CHIP 10K   | 5% 1/10W                 |
| R3113        | 1-216-073-00 | METAL CHIP 10K          | 5% 1/10W                 |          |              |                  |                          |
| R3114        | 1-216-025-91 | METAL GLAZE 100         | 5% 1/10W                 | R3333    | 1-216-073-00 | METAL CHIP 10K   | 5% 1/10W                 |
|              |              |                         |                          | R3334    | 1-216-065-00 | METAL CHIP 4.7K  | 5% 1/10W                 |
| R3115        | 1-216-025-91 | METAL GLAZE 100         | 5% 1/10W                 | R3335    | 1-216-065-00 | METAL CHIP 4.7K  | 5% 1/10W                 |
| R3116        | 1-216-121-91 | METAL GLAZE 1M          | 5% 1/10W                 | R3336    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3117        | 1-216-041-00 | METAL CHIP 470          | 5% 1/10W                 | R3337    | 1-216-061-00 | METAL CHIP 3.3K  | 5% 1/10W                 |
| R3118        | 1-216-025-91 | METAL GLAZE 100         | 5% 1/10W                 |          |              |                  |                          |
| R3119        | 1-216-025-91 | METAL GLAZE 100         | 5% 1/10W                 | R3338    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
|              |              |                         |                          | R3339    | 1-216-071-00 | METAL CHIP 8.2K  | 5% 1/10W                 |
| R3120        | 1-216-025-91 | METAL GLAZE 100         | 5% 1/10W                 | R3340    | 1-216-081-00 | METAL CHIP 22K   | 5% 1/10W                 |
| R3121        | 1-216-043-91 | METAL GLAZE 560         | 5% 1/10W                 | R3341    | 1-216-097-91 | METAL GLAZE 100K | 5% 1/10W                 |
| R3123        | 1-216-041-00 | METAL CHIP 470          | 5% 1/10W                 | R3342    | 1-216-063-91 | METAL GLAZE 3.9K | 5% 1/10W                 |
| R3124        | 1-216-041-00 | METAL CHIP 470          | 5% 1/10W                 |          |              |                  |                          |
| R3150        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3343    | 1-216-065-00 | METAL CHIP 4.7K  | 5% 1/10W                 |
|              |              |                         |                          | R3344    | 1-216-093-00 | METAL CHIP 68K   | 5% 1/10W                 |
| R3151        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3345    | 1-216-073-00 | METAL CHIP 10K   | 5% 1/10W                 |
| R3152        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3346    | 1-216-073-00 | METAL CHIP 10K   | 5% 1/10W                 |
| R3153        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3347    | 1-216-089-91 | METAL GLAZE 47K  | 5% 1/10W                 |
| R3154        | 1-216-053-00 | METAL CHIP 1.5K         | 5% 1/10W                 |          |              |                  |                          |
| R3155        | 1-216-017-91 | METAL GLAZE 47          | 5% 1/10W                 | R3348    | 1-216-027-00 | METAL CHIP 120   | 5% 1/10W                 |
|              |              |                         |                          | R3349    | 1-216-089-91 | METAL GLAZE 47K  | 5% 1/10W                 |
| R3156        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3350    | 1-216-089-91 | METAL GLAZE 47K  | 5% 1/10W                 |
| R3157        | 1-216-053-00 | METAL CHIP 1.5K         | 5% 1/10W                 | R3351    | 1-216-017-91 | METAL GLAZE 47   | 5% 1/10W                 |
| R3158        | 1-216-017-91 | METAL GLAZE 47          | 5% 1/10W                 | R3352    | 1-216-025-91 | METAL GLAZE 100  | 5% 1/10W                 |
| R3159        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 |          |              |                  |                          |
| R3160        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3353    | 1-216-025-91 | METAL GLAZE 100  | 5% 1/10W                 |
|              |              |                         |                          | R3354    | 1-216-073-00 | METAL CHIP 10K   | 5% 1/10W                 |
| R3161        | 1-216-073-00 | METAL CHIP 10K          | 5% 1/10W                 | R3355    | 1-216-073-00 | METAL CHIP 10K   | 5% 1/10W                 |
| R3162        | 1-216-027-00 | METAL CHIP 120          | 5% 1/10W                 | R3356    | 1-216-081-00 | METAL CHIP 22K   | 5% 1/10W                 |
| R3163        | 1-216-073-00 | METAL CHIP 10K          | 5% 1/10W                 | R3357    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3301        | 1-216-022-00 | METAL CHIP 75           | 5% 1/10W                 |          |              |                  |                          |
| R3302        | 1-216-295-91 | CONDUCTOR, CHIP (2012)  |                          | R3358    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
|              |              |                         |                          | R3359    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3303        | 1-216-081-00 | METAL CHIP 22K          | 5% 1/10W                 | R3360    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3304        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 | R3361    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3305        | 1-216-029-00 | METAL CHIP 150          | 5% 1/10W                 | R3362    | 1-216-073-00 | METAL CHIP 10K   | 5% 1/10W                 |
| R3306        | 1-216-065-00 | METAL CHIP 4.7K         | 5% 1/10W                 |          |              |                  |                          |
| R3307        | 1-216-022-00 | METAL CHIP 75           | 5% 1/10W<br>(V909/VE910) | R3363    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
|              |              |                         |                          | R3364    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
| R3309        | 1-216-073-00 | METAL CHIP 10K          | 5% 1/10W<br>(V909/VE910) | R3365    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |
|              |              |                         |                          | R3366    | 1-216-073-00 | METAL CHIP 10K   | 5% 1/10W                 |
| R3310        | 1-216-022-00 | METAL CHIP 75           | 5% 1/10W                 | R3367    | 1-216-049-91 | METAL GLAZE 1K   | 5% 1/10W                 |

# DIGITAL

| Ref. No. | Part No.     | Description            |      |    | Remarks | Ref. No. | Part No.     | Description            |      |    | Remarks |
|----------|--------------|------------------------|------|----|---------|----------|--------------|------------------------|------|----|---------|
| R3368    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3429    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3369    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   | R3430    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3370    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3431    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3371    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3432    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3372    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3433    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3373    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3434    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3374    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3435    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3375    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3436    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3376    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3437    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3377    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3438    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3378    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3439    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3379    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3440    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3380    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3441    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3381    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3442    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3382    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3443    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3383    | 1-216-089-91 | METAL GLAZE            | 47K  | 5% | 1/10W   | R3444    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3384    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   | R3445    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3385    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3446    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3386    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3447    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3387    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3448    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3388    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3449    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3389    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3450    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3390    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3451    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3391    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3452    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3392    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3453    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3393    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3454    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3394    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3455    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3395    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3456    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3396    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3457    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3397    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3458    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3398    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3459    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3399    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3460    | 1-216-308-00 | METAL CHIP             | 4.7  | 5% | 1/10W   |
| R3400    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3461    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3401    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   | R3462    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3402    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3465    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3403    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3466    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3404    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3479    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   |
| R3405    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3480    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   |
| R3406    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3501    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   |
| R3407    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3502    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   |
| R3408    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3503    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3409    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3504    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3410    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   | R3505    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   |
| R3411    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3506    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   |
| R3412    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3507    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3413    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3508    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3414    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3509    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   |
| R3415    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3510    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3416    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3511    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   |
| R3417    | 1-216-017-91 | METAL GLAZE            | 47   | 5% | 1/10W   | R3512    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   |
| R3418    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3513    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3419    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3514    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   |
| R3421    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3515    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   |
| R3422    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3516    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3423    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3517    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3424    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3518    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   |
| R3425    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3519    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   |
| R3426    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3520    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3427    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3521    | 1-216-062-00 | METAL CHIP             | 3.6K | 5% | 1/10W   |
| R3428    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3522    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |

| Ref. No. | Part No.     | Description            |      |    | Remarks | Ref. No. | Part No.     | Description            |      |    | Remarks |
|----------|--------------|------------------------|------|----|---------|----------|--------------|------------------------|------|----|---------|
| R3523    | 1-216-054-00 | METAL GLAZE            | 1.6K | 5% | 1/10W   | R3583    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   |
| R3524    | 1-216-061-00 | METAL CHIP             | 3.3K | 5% | 1/10W   | R3584    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3525    | 1-216-055-00 | METAL CHIP             | 1.8K | 5% | 1/10W   | R3586    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3526    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3587    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3527    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3588    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3528    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3589    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3529    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3590    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3530    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3591    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3531    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3592    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3532    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3594    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   |
| R3533    | 1-216-109-00 | METAL CHIP             | 330K | 5% | 1/10W   | R3595    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3534    | 1-216-109-00 | METAL CHIP             | 330K | 5% | 1/10W   | R3596    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   |
| R3535    | 1-216-062-00 | METAL CHIP             | 3.6K | 5% | 1/10W   | R3597    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3536    | 1-216-061-00 | METAL CHIP             | 3.3K | 5% | 1/10W   | R3598    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3537    | 1-216-055-00 | METAL CHIP             | 1.8K | 5% | 1/10W   | R3599    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3538    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3600    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3539    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3601    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3540    | 1-216-054-00 | METAL GLAZE            | 1.6K | 5% | 1/10W   | R3602    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3541    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3603    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3542    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3604    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3543    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   | R3605    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3544    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   | R3606    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3545    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3607    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3546    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3608    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3547    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3609    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3548    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3610    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3549    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3611    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3550    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3612    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3551    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3613    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3552    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3614    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3553    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3615    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3554    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3616    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3555    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3617    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3556    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3618    | 1-216-041-00 | METAL CHIP             | 470  | 5% | 1/10W   |
| R3557    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3619    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3558    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3620    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3559    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3621    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   |
| R3560    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3622    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   |
| R3561    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   | R3623    | 1-216-097-91 | METAL GLAZE            | 100K | 5% | 1/10W   |
| R3562    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3627    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3563    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3628    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3564    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   | R3631    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3565    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3632    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3566    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3633    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3567    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3634    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3568    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3635    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3569    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3636    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3570    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3637    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3571    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3638    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3572    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3639    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3573    | 1-216-071-00 | METAL CHIP             | 8.2K | 5% | 1/10W   | R3640    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3574    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3641    | 1-216-079-00 | METAL CHIP             | 18K  | 5% | 1/10W   |
| R3575    | 1-216-049-91 | METAL GLAZE            | 1K   | 5% | 1/10W   | R3642    | 1-216-056-00 | METAL GLAZE            | 2K   | 5% | 1/10W   |
| R3576    | 1-216-057-00 | METAL CHIP             | 2.2K | 5% | 1/10W   | R3650    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3577    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         | R3651    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |
| R3578    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3652    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3579    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3653    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3580    | 1-216-081-00 | METAL CHIP             | 22K  | 5% | 1/10W   | R3654    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   |
| R3581    | 1-216-121-91 | METAL GLAZE            | 1M   | 5% | 1/10W   | R3655    | 1-216-295-91 | CONDUCTOR, CHIP (2012) |      |    |         |
| R3582    | 1-216-073-00 | METAL CHIP             | 10K  | 5% | 1/10W   | R3656    | 1-216-065-00 | METAL CHIP             | 4.7K | 5% | 1/10W   |

DIGITAL

DISPLAY

L.B

| Ref. No.              | Part No.     | Description                            | Remarks  |
|-----------------------|--------------|----------------------------------------|----------|
| R3657                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5% 1/10W |
| R3658                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3659                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3660                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3661                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3662                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3663                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3664                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3665                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5% 1/10W |
| R3666                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5% 1/10W |
| R3667                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3668                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3669                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3670                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3671                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3672                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3673                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5% 1/10W |
| R3674                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5% 1/10W |
| R3675                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3676                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3677                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3678                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3679                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5% 1/10W |
| R3680                 | 1-216-065-00 | METAL CHIP 4.7K                        | 5% 1/10W |
| R3681                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3682                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3683                 | 1-216-073-00 | METAL CHIP 10K                         | 5% 1/10W |
| R3684                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3701                 | 1-216-097-91 | METAL GLAZE 100K                       | 5% 1/10W |
| R3702                 | 1-216-097-91 | METAL GLAZE 100K                       | 5% 1/10W |
| R3703                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3704                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| R3706                 | 1-216-295-91 | CONDUCTOR, CHIP (2012)                 |          |
| < VARIABLE RESISTOR > |              |                                        |          |
| RV3301                | 1-241-765-11 | RES, ADJ, CARBON 22K                   |          |
| < VIBRATOR >          |              |                                        |          |
| X3302                 | 1-767-434-11 | VIBRATOR, CRYSTAL 18.432MHz            |          |
| X3401                 | 1-767-359-11 | VIBRATOR, CERAMIC 4MHz                 |          |
| X3501                 | 1-767-576-11 | VIBRATOR, CRYSTAL 12.288MHz            |          |
| *****                 |              |                                        |          |
| *                     | A-4398-225-A | DISPLAY BOARD, COMPLETE (DE915:US,CND) |          |
| *****                 |              |                                        |          |
| *                     | A-4398-246-A | DISPLAY BOARD, COMPLETE (DE915:AUS)    |          |
| *****                 |              |                                        |          |
| *                     | A-4398-281-A | DISPLAY BOARD, COMPLETE (DE915:PX)     |          |
| *****                 |              |                                        |          |
| *                     | A-4398-284-A | DISPLAY BOARD, COMPLETE (V909/VE910)   |          |
| *****                 |              |                                        |          |
| L.B BOARD             |              |                                        |          |
| *****                 |              |                                        |          |
| *                     | 4-921-941-01 | CUSHION (FL)                           |          |
| *                     | 4-990-797-01 | HOLDER (FL)                            |          |
| < CAPACITOR >         |              |                                        |          |
| C101                  | 1-164-159-11 | CERAMIC 0.1uF                          | 50V      |
| C102                  | 1-164-159-11 | CERAMIC 0.1uF                          | 50V      |
| C103                  | 1-164-159-11 | CERAMIC 0.1uF                          | 50V      |
| C104                  | 1-164-159-11 | CERAMIC 0.1uF                          | 50V      |
| C105                  | 1-164-159-11 | CERAMIC 0.1uF                          | 50V      |

| Ref. No.      | Part No.     | Description                                             | Remarks |
|---------------|--------------|---------------------------------------------------------|---------|
| C106          | 1-164-159-11 | CERAMIC 0.1uF                                           | 50V     |
| C111          | 1-126-786-11 | ELECT 47uF                                              | 20% 16V |
| C113          | 1-126-786-11 | ELECT 47uF                                              | 20% 16V |
| C115          | 1-104-905-11 | CAPACITOR 0.22F                                         | 5.5V    |
| C116          | 1-164-159-11 | CERAMIC 0.1uF                                           | 50V     |
| C117          | 1-164-159-11 | CERAMIC 0.1uF                                           | 50V     |
| C135          | 1-126-795-11 | ELECT 10uF                                              | 20% 50V |
| C140          | 1-126-786-11 | ELECT 47uF                                              | 20% 16V |
| C141          | 1-164-159-11 | CERAMIC 0.1uF                                           | 50V     |
| C142          | 1-164-159-11 | CERAMIC 0.1uF                                           | 50V     |
| < CONNECTOR > |              |                                                         |         |
| CNP101        | 1-779-365-11 | CONNECTOR, PC BOARD (PLUG) 8P                           |         |
| CNS102        | 1-770-397-11 | HOUSING, CONNECTOR(PC BOARD)4P                          |         |
| CNS103        | 1-779-366-11 | CONNECTOR, BOARD TO BOARD 4P                            |         |
| CNS104        | 1-569-308-11 | SOCKET, CONNECTOR (L TYRE) 19P                          |         |
| CNS105        | 1-569-324-11 | SOCKET, CONNECTOR 21P                                   |         |
| CNS107        | 1-568-438-11 | SOCKET, CONNECTOR 17P                                   |         |
| < DIODE >     |              |                                                         |         |
| D101          | 8-719-313-45 | DIODE SEL6810A-TH10 (PHONO)                             |         |
| D102          | 8-719-313-45 | DIODE SEL6810A-TH10 (TUNER)                             |         |
| D103          | 8-719-313-45 | DIODE SEL6810A-TH10 (CD)                                |         |
| D104          | 8-719-313-45 | DIODE SEL6810A-TH10 (DAT/MD)                            |         |
| D105          | 8-719-313-45 | DIODE SEL6810A-TH10 (TAPE)                              |         |
| D106          | 8-719-313-45 | DIODE SEL6810A-TH10 (TV/DBS)                            |         |
| D107          | 8-719-313-45 | DIODE SEL6810A-TH10 (LD/DBS)                            |         |
| D108          | 8-719-313-45 | DIODE SEL6810A-TH10 (VIDEO 3)                           |         |
| D109          | 8-719-313-45 | DIODE SEL6810A-TH10 (VIDEO 2)                           |         |
| D110          | 8-719-313-45 | DIODE SEL6810A-TH10 (VIDEO 1)                           |         |
| D111          | 8-719-313-45 | DIODE SEL6810A-TH10 (DIRECT PASS)                       |         |
| D115          | 8-719-313-45 | DIODE SEL6810A-TH10 (SUR)                               |         |
| D116          | 8-719-313-45 | DIODE SEL6810A-TH10 (TONE)                              |         |
| D117          | 8-719-313-45 | DIODE SEL6810A-TH10 (INDEX)                             |         |
| D118          | 8-719-313-45 | DIODE SEL6810A-TH10 (BASS BOOST)                        |         |
| D119          | 8-719-313-43 | DIODE SEL6210S-TH10 (STANDBY)<br>(DE915:AUS/V909/VE910) |         |
| D133          | 8-719-987-63 | DIODE 1N4148M                                           |         |
| D134          | 8-719-024-99 | DIODE 11ES2-NTA2B                                       |         |
| D135          | 8-719-057-97 | DIODE SEL5923A-TP15 (DISCRETE)                          |         |
| D142          | 8-719-987-63 | DIODE 1N4148M                                           |         |
| D143          | 8-719-987-63 | DIODE 1N4148M                                           |         |
| D144          | 8-719-987-63 | DIODE 1N4148M                                           |         |
| < FILTER >    |              |                                                         |         |
| FL101         | 1-517-671-11 | INDICATOR TUBE, FLUORESCENT                             |         |
| < IC >        |              |                                                         |         |
| IC101         | 8-759-459-84 | IC NJL56H400                                            |         |
| IC103         | 8-759-457-56 | IC MB90673PF-G-206-BND                                  |         |
| IC106         | 8-759-962-08 | IC BA6208                                               |         |
| IC107         | 8-759-075-35 | IC TD62C950RF                                           |         |
| IC108         | 8-759-999-53 | IC MSC1164GS-K                                          |         |
| < COIL >      |              |                                                         |         |
| L101          | 1-410-509-11 | INDUCTOR 10uH                                           |         |

| Ref. No.       | Part No.     | Description                                   | Remarks |
|----------------|--------------|-----------------------------------------------|---------|
| < TRANSISTOR > |              |                                               |         |
| Q101           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q103           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q104           | 8-729-900-36 | TRANSISTOR DTC124ES (V909/VE910)              |         |
| Q105           | 8-729-900-36 | TRANSISTOR DTC124ES<br>(DE915:AUS/V909/VE910) |         |
| Q106           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q107           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q108           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q111           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q112           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q113           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q114           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q115           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q116           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q117           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q118           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q119           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q120           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q121           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q122           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q123           | 8-729-900-36 | TRANSISTOR DTC124ES                           |         |
| Q124           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE                        |         |
| < RESISTOR >   |              |                                               |         |
| R101           | 1-249-437-11 | CARBON 47K 5% 1/4W                            |         |
| R102           | 1-249-429-11 | CARBON 10K 5% 1/4W                            |         |
| R111           | 1-247-807-31 | CARBON 100 5% 1/4W                            |         |
| R112           | 1-247-807-31 | CARBON 100 5% 1/4W                            |         |
| R113           | 1-247-807-31 | CARBON 100 5% 1/4W                            |         |
| R114           | 1-247-807-31 | CARBON 100 5% 1/4W                            |         |
| R118           | 1-249-417-11 | CARBON 1K 5% 1/4W                             | F       |
| R119           | 1-249-417-11 | CARBON 1K 5% 1/4W                             | F       |
| R120           | 1-249-417-11 | CARBON 1K 5% 1/4W                             | F       |
| R121           | 1-249-417-11 | CARBON 1K 5% 1/4W                             | F       |
| R122           | 1-249-425-11 | CARBON 4.7K 5% 1/4W                           | F       |
| R123           | 1-249-425-11 | CARBON 4.7K 5% 1/4W                           | F       |
| R124           | 1-249-425-11 | CARBON 4.7K 5% 1/4W                           | F       |
| R125           | 1-249-425-11 | CARBON 4.7K 5% 1/4W                           | F       |
| R126           | 1-249-425-11 | CARBON 4.7K 5% 1/4W                           | F       |
| R127           | 1-249-425-11 | CARBON 4.7K 5% 1/4W                           | F       |
| R128           | 1-249-417-11 | CARBON 1K 5% 1/4W                             | F       |
| R130           | 1-249-429-11 | CARBON 10K 5% 1/4W                            |         |
| R131           | 1-249-419-11 | CARBON 1.5K 5% 1/4W                           | F       |
| R141           | 1-249-441-11 | CARBON 100K 5% 1/4W                           |         |
| R142           | 1-249-441-11 | CARBON 100K 5% 1/4W                           |         |
| R150           | 1-249-393-11 | CARBON 10 5% 1/4W                             | F       |
| R151           | 1-249-433-11 | CARBON 22K 5% 1/4W                            |         |
| R152           | 1-249-437-11 | CARBON 47K 5% 1/4W                            |         |
| △R153          | 1-249-385-11 | CARBON 2.2 5% 1/6W                            | F       |
| △R154          | 1-249-385-11 | CARBON 2.2 5% 1/6W                            | F       |
| R155           | 1-249-411-11 | CARBON 330 5% 1/4W                            |         |
| R156           | 1-249-411-11 | CARBON 330 5% 1/4W                            |         |
| R157           | 1-249-411-11 | CARBON 330 5% 1/4W                            |         |
| R158           | 1-249-411-11 | CARBON 330 5% 1/4W                            |         |
| R160           | 1-249-411-11 | CARBON 330 5% 1/4W                            |         |
| R161           | 1-249-411-11 | CARBON 330 5% 1/4W                            |         |
|                |              | (DE915:AUS/V909/VE910)                        |         |
| R162           | 1-249-429-11 | CARBON 10K 5% 1/4W                            |         |

| Ref. No.      | Part No.     | Description                           | Remarks |
|---------------|--------------|---------------------------------------|---------|
| R164          | 1-249-429-11 | CARBON 10K 5% 1/4W                    |         |
| R165          | 1-249-429-11 | CARBON 10K 5% 1/4W                    |         |
| R166          | 1-249-429-11 | CARBON 10K 5% 1/4W                    |         |
| R188          | 1-249-411-11 | CARBON 330 5% 1/4W                    |         |
| R189          | 1-249-413-11 | CARBON 470 5% 1/4W                    | F       |
| R190          | 1-249-415-11 | CARBON 680 5% 1/4W                    | F       |
| R191          | 1-249-417-11 | CARBON 1K 5% 1/4W                     | F       |
| R192          | 1-249-419-11 | CARBON 1.5K 5% 1/4W                   | F       |
| R193          | 1-249-421-11 | CARBON 2.2K 5% 1/4W                   | F       |
| R194          | 1-249-425-11 | CARBON 4.7K 5% 1/4W                   | F       |
| R195          | 1-249-411-11 | CARBON 330 5% 1/4W                    |         |
| R196          | 1-249-413-11 | CARBON 470 5% 1/4W                    | F       |
| R197          | 1-249-415-11 | CARBON 680 5% 1/4W                    | F       |
| R198          | 1-249-417-11 | CARBON 1K 5% 1/4W                     | F       |
| R199          | 1-249-419-11 | CARBON 1.5K 5% 1/4W                   | F       |
| RR10          | 1-249-425-11 | CARBON 4.7K 5% 1/4W                   | F       |
| RR11          | 1-249-411-11 | CARBON 330 5% 1/4W                    |         |
| RR12          | 1-249-413-11 | CARBON 470 5% 1/4W                    | F       |
|               |              | (DE915:AUS,PX/V909/VE910)             |         |
| RR13          | 1-249-415-11 | CARBON 680 5% 1/4W                    | F       |
|               |              | (DE915:PX/V909/VE910)                 |         |
| RR14          | 1-249-417-11 | CARBON 1K 5% 1/4W                     | F       |
|               |              | (V909/VE910)                          |         |
| RR15          | 1-249-419-11 | CARBON 1.5K 5% 1/4W                   | F       |
|               |              | (V909/VE910)                          |         |
| < SWITCH >    |              |                                       |         |
| S123          | 1-762-751-11 | SWITCH, TACTILE (<)                   |         |
| S124          | 1-762-751-11 | SWITCH, TACTILE (>)                   |         |
| S125          | 1-762-751-11 | SWITCH, TACTILE (MEMORY) (DE915)      |         |
| S126          | 1-762-751-11 | SWITCH, TACTILE (FM MODE) (DE915)     |         |
| S127          | 1-762-751-11 | SWITCH, TACTILE (FM/AM) (DE915)       |         |
| S127          | 1-762-751-11 | SWITCH, TACTILE (DIMMER) (V909/VE910) |         |
| S128          | 1-762-751-11 | SWITCH, TACTILE (DISPLAY)             |         |
| S129          | 1-762-751-11 | SWITCH, TACTILE (△)                   |         |
| S130          | 1-762-751-11 | SWITCH, TACTILE (▽)                   |         |
| S131          | 1-762-751-11 | SWITCH, TACTILE (PRESET -) (DE915)    |         |
| S132          | 1-762-751-11 | SWITCH, TACTILE (TUNING -) (DE915)    |         |
| S133          | 1-762-751-11 | SWITCH, TACTILE (PRESET +) (DE915)    |         |
| S134          | 1-762-751-11 | SWITCH, TACTILE (TUNING +) (DE915)    |         |
| S135          | 1-762-751-11 | SWITCH, TACTILE (BASS BOOST)          |         |
| S151          | 1-762-751-11 | SWITCH, TACTILE (POWER) (DE915)       |         |
| < VIBRATOR >  |              |                                       |         |
| X101          | 1-567-819-11 | VIBRATOR, CERAMIC 4MHz                |         |
| *****         |              |                                       |         |
| *             | 1-665-779-11 | HEADPHONE BOARD                       |         |
| *****         |              |                                       |         |
| < CONNECTOR > |              |                                       |         |
| * CNP702      | 1-564-518-11 | PLUG, CONNECTOR 3P                    |         |
| < JACK >      |              |                                       |         |
| J701          | 1-568-519-41 | JACK, LARGE TYPE (PHONES)             |         |
| *****         |              |                                       |         |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

JOINT (VIDEO)

PS

REAR AMP

| Ref. No.            | Part No.     | Description                                                    | Remarks |
|---------------------|--------------|----------------------------------------------------------------|---------|
| *                   | 1-667-185-11 | JOINT (VIDEO) BOARD<br>*****                                   |         |
| < CONNECTOR >       |              |                                                                |         |
| CNP214              | 1-695-087-11 | PIN, CONNECTOR (PC BOARD) 7P                                   |         |
| CNP215              | 1-695-087-11 | PIN, CONNECTOR (PC BOARD) 7P                                   |         |
| *****               |              |                                                                |         |
| *                   | A-4398-249-A | PS BOARD, COMPLETE (DE915:AUS/VE910:<br>***** AEP,UK,G,AED,EE) |         |
| *                   | A-4398-261-A | PS BOARD, COMPLETE (DE915:US,CND)<br>*****                     |         |
| *                   | A-4398-278-A | PS BOARD, COMPLETE (V909/VE910:E,SP,MY)<br>*****               |         |
| *                   | A-4398-282-A | PS BOARD, COMPLETE (DE915:PX)<br>*****                         |         |
|                     | 7-685-872-09 | SCREW +BVT 3X8 (S)                                             |         |
|                     | 1-533-399-31 | HOLDER, FUSE                                                   |         |
| < CAPACITOR >       |              |                                                                |         |
| △ C901              | 1-136-157-00 | FILM 0.022uF 5% 50V                                            |         |
| △ C902              | 1-136-157-00 | FILM 0.022uF 5% 50V                                            |         |
| C903                | 1-126-768-11 | ELECT 2200uF 20% 16V                                           |         |
| C904                | 1-126-960-11 | ELECT 1uF 20% 50V                                              |         |
| C905                | 1-126-959-11 | ELECT 0.47uF 20% 50V                                           |         |
| C906                | 1-124-464-11 | ELECT 0.22uF 20% 50V                                           |         |
| C913                | 1-164-159-11 | CERAMIC 0.1uF 50V                                              |         |
| < JACK >            |              |                                                                |         |
| △ CNJ901            | 1-540-060-11 | OUTLET, AC (POLAR) (AC OUTLET)<br>(US,CND,PX,CH)               |         |
| < CONNECTOR >       |              |                                                                |         |
| CNP903              | 1-564-321-00 | PIN, CONNECTOR 2P                                              |         |
| * CNP904            | 1-580-230-21 | PIN, CONNECTOR (PC BOARD) 2P<br>(DE915:AUS/V909/VE910)         |         |
| CNP905              | 1-695-087-11 | PIN, CONNECTOR (PC BOARD) 7P                                   |         |
| * CNP906            | 1-564-687-11 | PIN, CONNECTOR 3P (DE915:PX,VE910:E)                           |         |
| CNP908              | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P<br>(DE915:PX,VE910:E)               |         |
| < DIODE >           |              |                                                                |         |
| D901                | 8-719-024-99 | DIODE 11ES2-NTA2B                                              |         |
| D902                | 8-719-024-99 | DIODE 11ES2-NTA2B                                              |         |
| D903                | 8-719-024-99 | DIODE 11ES2-NTA2B                                              |         |
| D904                | 8-719-024-99 | DIODE 11ES2-NTA2B                                              |         |
| D905                | 8-719-987-63 | DIODE 1N4148M                                                  |         |
| D906                | 8-719-987-63 | DIODE 1N4148M                                                  |         |
| D907                | 8-719-987-63 | DIODE 1N4148M                                                  |         |
| < TERMINAL, EARTH > |              |                                                                |         |
| * EB900             | 1-537-738-21 | TERMINAL, EARTH<br>(DE915:US,CND,PX/V909/VE910:E,SP,MY)        |         |
| < FUSE >            |              |                                                                |         |
| △ F901              | 1-532-504-51 | FUSE, TIME LAG 4A 250V<br>(EXCEPT DE915:US,CND)                |         |
| △ F901              | 1-533-311-11 | FUSE, GLASS CYLINDRICAL 8A 125V<br>(DE915:US,CND)              |         |
| △ F902              | 1-532-464-51 | FUSE, TIME LAG 2.5A 250V(DE915:AUS/VE910)                      |         |
| △ F903              | 1-532-504-51 | FUSE, TIME LAG 4A 250V (DE915:PX,VE910:E)                      |         |

| Ref. No.        | Part No.     | Description                                          | Remarks |
|-----------------|--------------|------------------------------------------------------|---------|
|                 |              | < IC >                                               |         |
| IC901           | 8-759-333-83 | IC NJM2103D                                          |         |
| < TRANSISTOR >  |              |                                                      |         |
| Q901            | 8-729-119-79 | TRANSISTOR 2SC2785-FEK                               |         |
| Q902            | 8-729-209-15 | TRANSISTOR 2SD2012                                   |         |
| < RESISTOR >    |              |                                                      |         |
| △ R901          | 1-202-725-00 | SOLID 3.3M 10% 1/2W<br>(DE915:US,CND)                |         |
| R902            | 1-249-429-11 | CARBON 10K 5% 1/4W                                   |         |
| R903            | 1-249-425-11 | CARBON 4.7K 5% 1/4W F                                |         |
| R904            | 1-249-417-11 | CARBON 1K 5% 1/4W F                                  |         |
| R905            | 1-249-428-11 | CARBON 8.2K 5% 1/4W F                                |         |
| R906            | 1-249-421-11 | CARBON 2.2K 5% 1/4W F                                |         |
| R908            | 1-249-433-11 | CARBON 22K 5% 1/4W                                   |         |
| R909            | 1-249-439-11 | CARBON 68K 5% 1/4W                                   |         |
| R910            | 1-249-437-11 | CARBON 47K 5% 1/4W                                   |         |
| R912            | 1-249-430-11 | CARBON 12K 5% 1/4W                                   |         |
| < RELAY >       |              |                                                      |         |
| RY901           | 1-515-999-11 | RELAY, POWER                                         |         |
| < TRANSFORMER > |              |                                                      |         |
| △ T902          | 1-431-430-11 | TRANSFORMER, POWER (DE915:US,CND)                    |         |
| △ T902          | 1-431-431-11 | TRANSFORMER, POWER<br>(DE915:AUS,PX/V909/VE910)      |         |
| *****           |              |                                                      |         |
| *               | A-4398-234-A | REAR AMP BOARD, COMPLETE (V909/VE910)<br>*****       |         |
| *               | A-4398-248-A | REAR AMP BOARD, COMPLETE (DE915:AUS)<br>*****        |         |
| *               | A-4398-258-A | REAR AMP BOARD, COMPLETE (DE915:US,<br>***** CND,PX) |         |
| < CAPACITOR >   |              |                                                      |         |
| C701            | 1-126-964-11 | ELECT 10uF 20% 50V                                   |         |
| C702            | 1-162-282-31 | CERAMIC 100PF 10% 50V                                |         |
| C703            | 1-102-233-00 | CERAMIC 33PF 10% 500V                                |         |
| C705            | 1-126-933-11 | ELECT 100uF 20% 10V                                  |         |
| C720            | 1-126-967-11 | ELECT 47uF 20% 16V                                   |         |
| C721            | 1-107-597-11 | CERAMIC 22PF 10% 500V                                |         |
| C722            | 1-107-597-11 | CERAMIC 22PF 10% 500V                                |         |
| C723            | 1-162-286-31 | CERAMIC 220PF 10% 50V                                |         |
| C751            | 1-126-964-11 | ELECT 10uF 20% 50V                                   |         |
| C752            | 1-162-282-31 | CERAMIC 100PF 10% 50V                                |         |
| C753            | 1-102-233-00 | CERAMIC 33PF 10% 500V                                |         |
| C755            | 1-126-933-11 | ELECT 100uF 20% 10V                                  |         |
| C770            | 1-126-967-11 | ELECT 47uF 20% 16V                                   |         |
| C771            | 1-107-597-11 | CERAMIC 22PF 10% 500V                                |         |
| C772            | 1-107-597-11 | CERAMIC 22PF 10% 500V                                |         |
| C773            | 1-162-286-31 | CERAMIC 220PF 10% 50V                                |         |
| C793            | 1-126-923-11 | ELECT 220uF 20% 10V                                  |         |
| C798            | 1-128-560-11 | ELECT 22uF 20% 100V                                  |         |
| C799            | 1-128-560-11 | ELECT 22uF 20% 100V                                  |         |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref. No.       | Part No.     | Description                      | Remarks      |
|----------------|--------------|----------------------------------|--------------|
| < CONNECTOR >  |              |                                  |              |
| CNP704         | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P       |              |
| * CNP705       | 1-564-242-00 | PIN, CONNECTOR 5P                |              |
| CNP706         | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P       |              |
| CNS704         | 1-564-510-11 | PLUG, CONNECTOR 7P               |              |
| < DIODE >      |              |                                  |              |
| D701           | 8-719-987-63 | DIODE 1N4148M                    |              |
| D702           | 8-719-010-06 | DIODE UZ-2.2BS                   |              |
| D703           | 8-719-010-06 | DIODE UZ-2.2BS                   |              |
| D704           | 8-719-987-63 | DIODE 1N4148M                    |              |
| D751           | 8-719-987-63 | DIODE 1N4148M                    |              |
| D752           | 8-719-010-06 | DIODE UZ-2.2BS                   |              |
| D753           | 8-719-010-06 | DIODE UZ-2.2BS                   |              |
| D754           | 8-719-987-63 | DIODE 1N4148M                    |              |
| < IC >         |              |                                  |              |
| IC701          | 8-759-326-52 | IC uPC2581V                      |              |
| < TRANSISTOR > |              |                                  |              |
| Q701           | 8-729-900-80 | TRANSISTOR DTC114ES              |              |
| Q703           | 8-729-422-57 | TRANSISTOR UN4111                |              |
| Q704           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE           |              |
| Q705           | 8-729-141-30 | TRANSISTOR 2SC3623A-LK           |              |
| Q706           | 8-749-010-25 | IC MN2488-OPY-M                  |              |
| Q707           | 8-749-010-26 | IC MP1620-OPY-M                  |              |
| Q708           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA         |              |
| Q754           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE           |              |
| Q755           | 8-729-141-30 | TRANSISTOR 2SC3623A-LK           |              |
| Q756           | 8-749-010-25 | IC MN2488-OPY-M                  |              |
| Q757           | 8-749-010-26 | IC MP1620-OPY-M                  |              |
| Q758           | 8-729-140-82 | TRANSISTOR 2SA988-PAFAEA         |              |
| < RESISTOR >   |              |                                  |              |
| R701           | 1-249-417-11 | CARBON 1K 5% 1/4W F              |              |
| R702           | 1-249-439-11 | CARBON 68K 5% 1/4W               |              |
| R703           | 1-249-439-11 | CARBON 68K 5% 1/4W               |              |
| R704           | 1-249-406-11 | CARBON 120 5% 1/4W F             | (V909/VE910) |
| R704           | 1-247-807-31 | CARBON 100 5% 1/4W               | (DE915)      |
| R721           | 1-249-437-11 | CARBON 47K 5% 1/4W               |              |
| R722           | 1-249-421-11 | CARBON 2.2K 5% 1/4W F            |              |
| R723           | 1-249-414-11 | CARBON 560 5% 1/4W F             |              |
| △ R724         | 1-249-408-11 | CARBON 180 5% 1/4W F             |              |
| △ R725         | 1-249-408-11 | CARBON 180 5% 1/4W F             |              |
| △ R726         | 1-233-352-41 | ENCAPSULATED COMPONENT 0.22X2 2W |              |
| R727           | 1-247-850-11 | CARBON 6.2K 5% 1/4W              |              |
| R728           | 1-249-419-11 | CARBON 1.5K 5% 1/4W F            |              |
| R732           | 1-249-437-11 | CARBON 47K 5% 1/4W               |              |
| R751           | 1-249-417-11 | CARBON 1K 5% 1/4W F              |              |
| R752           | 1-249-439-11 | CARBON 68K 5% 1/4W               |              |
| R753           | 1-249-439-11 | CARBON 68K 5% 1/4W               |              |
| R754           | 1-249-406-11 | CARBON 120 5% 1/4W F             | (V909/VE910) |
| R754           | 1-247-807-31 | CARBON 100 5% 1/4W               | (DE915)      |
| R771           | 1-249-437-11 | CARBON 47K 5% 1/4W               |              |
| R772           | 1-249-421-11 | CARBON 2.2K 5% 1/4W F            |              |
| R773           | 1-249-414-11 | CARBON 560 5% 1/4W F             |              |
| △ R774         | 1-249-408-11 | CARBON 180 5% 1/4W F             |              |

| Ref. No.      | Part No.     | Description                            | Remarks               |
|---------------|--------------|----------------------------------------|-----------------------|
| △ R775        | 1-249-408-11 | CARBON 180 5% 1/4W F                   |                       |
| △ R776        | 1-233-352-41 | ENCAPSULATED COMPONENT 0.22X2 2W       |                       |
| R777          | 1-247-850-11 | CARBON 6.2K 5% 1/4W                    |                       |
| R778          | 1-249-419-11 | CARBON 1.5K 5% 1/4W F                  |                       |
| R782          | 1-249-437-11 | CARBON 47K 5% 1/4W                     |                       |
| R790          | 1-249-417-11 | CARBON 1K 5% 1/4W F                    |                       |
| R794          | 1-249-425-11 | CARBON 4.7K 5% 1/4W F                  |                       |
| △ R798        | 1-249-393-11 | CARBON 10 5% 1/4W F                    |                       |
| △ R799        | 1-249-393-11 | CARBON 10 5% 1/4W F                    |                       |
| *****         |              |                                        |                       |
| *             | A-4398-229-A | S VIDEO BOARD, COMPLETE (DE915:US,CND) |                       |
| *****         |              |                                        |                       |
| *             | A-4398-251-A | S VIDEO BOARD, COMPLETE (DE915:AUS,PX) |                       |
| *****         |              |                                        |                       |
| *             | A-4398-285-A | S VIDEO BOARD, COMPLETE (V909/VE910)   |                       |
| *****         |              |                                        |                       |
| < CAPACITOR > |              |                                        |                       |
| C205          | 1-130-495-00 | MYLAR 0.1uF 5% 50V                     | (EXCEPT DE915:US,CND) |
| C207          | 1-130-483-00 | MYLAR 0.01uF 5% 50V                    | (EXCEPT DE915:US,CND) |
| C209          | 1-130-495-00 | MYLAR 0.1uF 5% 50V                     | (EXCEPT DE915:US,CND) |
| C210          | 1-124-903-11 | ELECT 1uF 20% 50V                      | (EXCEPT DE915:US,CND) |
| C214          | 1-130-495-00 | MYLAR 0.1uF 5% 50V                     | (EXCEPT DE915:US,CND) |
| C215          | 1-164-159-11 | CERAMIC 0.1uF 50V                      |                       |
| C216          | 1-164-159-11 | CERAMIC 0.1uF 50V                      | (DE915:US,CND)        |
| C217          | 1-126-967-11 | ELECT 47uF 20% 16V                     |                       |
| C221          | 1-126-964-11 | ELECT 10uF 20% 50V                     | (DE915:US,CND)        |
| C222          | 1-162-294-31 | CERAMIC 0.001uF 10% 50V                | (DE915:US,CND)        |
| C225          | 1-130-483-00 | MYLAR 0.01uF 5% 50V                    | (EXCEPT DE915:US,CND) |
| C226          | 1-124-907-11 | ELECT 10uF 20% 50V                     | (EXCEPT DE915:US,CND) |
| C227          | 1-124-907-11 | ELECT 10uF 20% 50V                     | (EXCEPT DE915:US,CND) |
| C229          | 1-124-903-11 | ELECT 1uF 20% 50V                      | (EXCEPT DE915:US,CND) |
| C245          | 1-130-495-00 | MYLAR 0.1uF 5% 50V                     | (EXCEPT DE915:US,CND) |
| C278          | 1-124-903-11 | ELECT 1uF 20% 50V                      | (EXCEPT DE915:US,CND) |
| C261          | 1-102-074-00 | CERAMIC 0.001uF 10% 50V                | (DE915:US,CND)        |
| C297          | 1-126-923-11 | ELECT 220uF 20% 10V                    | (DE915:US,CND)        |
| C2238         | 1-102-074-00 | CERAMIC 0.001uF 10% 50V                | (DE915:US,CND)        |
| < JACK >      |              |                                        |                       |
| * CNJ202      | 1-564-507-11 | PLUG, CONNECTOR 4P                     |                       |
| CNJ203        | 1-568-440-11 | SOCKET, CONNECTOR 17P                  |                       |

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**S VIDEO**

| Ref. No.       | Part No.     | Description                                                  | Remarks | Ref. No.     | Part No.     | Description                                    | Remarks |
|----------------|--------------|--------------------------------------------------------------|---------|--------------|--------------|------------------------------------------------|---------|
| < CONNECTOR >  |              |                                                              |         | < RESISTOR > |              |                                                |         |
| CNS214         | 1-695-092-11 | SOCKET, CONNECTOR 7P                                         |         | R1           | 1-249-413-11 | CARBON 470 5% 1/4W F<br>(DE915:US,CND)         |         |
| < DIODE >      |              |                                                              |         | R2           | 1-249-413-11 | CARBON 470 5% 1/4W F<br>(DE915:US,CND)         |         |
| D201           | 8-719-987-63 | DIODE 1N4148M (DE915:US,CND)                                 |         | R6           | 1-247-843-11 | CARBON 3.3K 5% 1/4W<br>(DE915:US,CND)          |         |
| D210           | 8-719-987-63 | DIODE 1N4148M (DE915:US,CND)                                 |         | R7           | 1-249-429-11 | CARBON 10K 5% 1/4W<br>(DE915:US,CND)           |         |
| < IC >         |              |                                                              |         | R201         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |
| IC201          | 8-759-135-80 | IC uPC358C (DE915:US,CND)                                    |         | R202         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |
| IC203          | 8-759-061-95 | IC SN761200 (EXCEPT DE915:US,CND)                            |         | R203         | 1-249-437-11 | CARBON 47K 5% 1/4W<br>(DE915:US,CND)           |         |
| IC204          | 8-759-061-95 | IC SN761200 (EXCEPT DE915:US,CND)                            |         | R205         | 1-247-807-31 | CARBON 100 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| IC223          | 8-759-388-26 | IC NJM2129D (DE915:US,CND)                                   |         | R206         | 1-247-807-31 | CARBON 100 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| < JACK >       |              |                                                              |         | R214         | 1-249-429-11 | CARBON 10K 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| J201           | 1-563-330-11 | JACK (TV/DBS) (DE915:US,CND)                                 |         | R215         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| J202           | 1-507-967-11 | JACK (S-LINK) (DE915:US,CND)                                 |         | R218         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| J204           | 1-537-943-11 | TERMINAL, S (MONITOR)<br>(EXCEPT DE915:US,CND)               |         | R219         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| J205           | 1-537-943-11 | TERMINAL, S (LD VIDEO IN)<br>(EXCEPT DE915:US,CND)           |         | R220         | 1-249-409-11 | CARBON 220 5% 1/4W F<br>(EXCEPT DE915:US,CND)  |         |
| J207           | 1-691-964-11 | CONNECTOR (ROUND TYPE) (VIDEO 1 IN)<br>(EXCEPT DE915:US,CND) |         | R221         | 1-249-414-11 | CARBON 560 5% 1/4W F<br>(DE915:US,CND)         |         |
| J212           | 1-563-330-11 | JACK (VIDEO 1) (DE915:US,CND)                                |         | R222         | 1-249-414-11 | CARBON 560 5% 1/4W F<br>(DE915:US,CND)         |         |
| J213           | 1-563-330-11 | JACK (VIDEO 2) (DE915:US,CND)                                |         | R223         | 1-249-409-11 | CARBON 220 5% 1/4W F<br>(EXCEPT DE915:US,CND)  |         |
| J214           | 1-563-330-11 | JACK (MONITOR) (DE915:US,CND)                                |         | R224         | 1-249-433-11 | CARBON 22K 5% 1/4W<br>(DE915:US,CND)           |         |
| < COIL >       |              |                                                              |         | R225         | 1-249-427-11 | CARBON 6.8K 5% 1/4W F<br>(DE915:US,CND)        |         |
| L203           | 1-410-521-11 | INDUCTOR 100uH                                               |         | R228         | 1-249-411-11 | CARBON 330 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| < TRANSISTOR > |              |                                                              |         | R229         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |
| Q1             | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(EXCEPT DE915:US,CND)              |         | R230         | 1-249-411-11 | CARBON 330 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| Q201           | 8-729-422-57 | TRANSISTOR UN4111<br>(EXCEPT DE915:US,CND)                   |         | R233         | 1-249-426-11 | CARBON 5.6K 5% 1/4W<br>(EXCEPT DE915:US,CND)   |         |
| Q205           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         | R234         | 1-249-426-11 | CARBON 5.6K 5% 1/4W<br>(EXCEPT DE915:US,CND)   |         |
| Q206           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(EXCEPT DE915:US,CND)              |         | R236         | 1-249-429-11 | CARBON 10K 5% 1/4W<br>(EXCEPT DE915:US,CND)    |         |
| Q207           | 8-729-620-05 | TRANSISTOR 2SC2603-EF<br>(EXCEPT DE915:US,CND)               |         | R238         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| Q208           | 8-729-620-05 | TRANSISTOR 2SC2603-EF<br>(EXCEPT DE915:US,CND)               |         | R239         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| Q209           | 8-729-620-05 | TRANSISTOR 2SC2603TP-EF<br>(DE915:US,CND)                    |         | R240         | 1-249-403-11 | CARBON 68 5% 1/4W F<br>(EXCEPT DE915:US,CND)   |         |
| Q210           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(EXCEPT DE915:US,CND)              |         | R241         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |
| Q211           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(EXCEPT DE915:US,CND)              |         | R243         | 1-249-419-11 | CARBON 1.5K 5% 1/4W F<br>(EXCEPT DE915:US,CND) |         |
| Q212           | 8-729-620-05 | TRANSISTOR 2SC2603TP-EF<br>(DE915:US,CND)                    |         | R244         | 1-249-419-11 | CARBON 1.5K 5% 1/4W F<br>(EXCEPT DE915:US,CND) |         |
| Q213           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         | R245         | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(DE915:US,CND)          |         |
| Q220           | 8-729-620-05 | TRANSISTOR 2SC2603TP-EF<br>(DE915:US,CND)                    |         |              |              |                                                |         |
| Q222           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         |              |              |                                                |         |
| Q223           | 8-729-620-05 | TRANSISTOR 2SC2603TP-EF<br>(DE915:US,CND)                    |         |              |              |                                                |         |
| Q225           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         |              |              |                                                |         |
| Q226           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE<br>(DE915:US,CND)                     |         |              |              |                                                |         |

| Ref. No.      | Part No.     | Description                   | Remarks                               | Ref. No.        | Part No.     | Description                                               | Remarks |
|---------------|--------------|-------------------------------|---------------------------------------|-----------------|--------------|-----------------------------------------------------------|---------|
| R247          | 1-249-403-11 | CARBON                        | 68 5% 1/4W F<br>(EXCEPT DE915:US,CND) | D806            | 8-719-014-66 | DIODE UZP-5.6B                                            |         |
| R248          | 1-249-403-11 | CARBON                        | 68 5% 1/4W F<br>(EXCEPT DE915:US,CND) | D851            | 8-719-302-38 | DIODE RBV-602-01                                          |         |
| R251          | 1-249-403-11 | CARBON                        | 68 5% 1/4W F<br>(EXCEPT DE915:US,CND) | < FUSE >        |              |                                                           |         |
| R254          | 1-249-430-11 | CARBON                        | 12K 5% 1/4W<br>(EXCEPT DE915:US,CND)  | △ F950          | 1-532-506-51 | FUSE 6.3A 250V (DE915:AUS,PX/V909/VE910)                  |         |
| R255          | 1-249-430-11 | CARBON                        | 12K 5% 1/4W<br>(EXCEPT DE915:US,CND)  | △ F950          | 1-533-311-11 | FUSE, GLASS CYLINDRICAL 8A 125V (DIA.5)<br>(DE915:US,CND) |         |
| R257          | 1-249-403-11 | CARBON                        | 68 5% 1/4W F<br>(EXCEPT DE915:US,CND) | △ F951          | 1-532-506-51 | FUSE 6.3A 250V (DE915:AUS,PX/V909/VE910)                  |         |
| R256          | 1-249-417-11 | CARBON                        | 1K 5% 1/4W F<br>(DE915:US,CND)        | △ F951          | 1-533-311-11 | FUSE, GLASS CYLINDRICAL 8A 125V (DIA.5)<br>(DE915:US,CND) |         |
| R291          | 1-249-429-11 | CARBON                        | 10K 5% 1/4W<br>(DE915:US,CND)         | < TRANSFORMER > |              |                                                           |         |
| R292          | 1-249-393-11 | CARBON                        | 10 5% 1/4W F<br>(DE915:US,CND)        | △ T901          | 1-431-281-11 | TRANSFORMER, POWER (DE915:US)                             |         |
| R293          | 1-249-429-11 | CARBON                        | 10K 5% 1/4W<br>(DE915:US,CND)         | △ T901          | 1-431-282-11 | TRANSFORMER, POWER (DE915:CND)                            |         |
| R294          | 1-249-425-11 | CARBON                        | 4.7K 5% 1/4W F<br>(DE915:US,CND)      | △ T901          | 1-431-283-11 | TRANSFORMER, POWER (DE915:AUS)                            |         |
| R297          | 1-247-843-11 | CARBON                        | 3.3K 5% 1/4W<br>(DE915:US,CND)        | △ T901          | 1-431-284-11 | TRANSFORMER, POWER (DE915:PX)                             |         |
| R298          | 1-249-429-11 | CARBON                        | 10K 5% 1/4W<br>(DE915:US,CND)         | △ T901          | 1-431-285-11 | TRANSFORMER, POWER<br>(V909/VE910:E,SP,MY)                |         |
| R299          | 1-249-417-11 | CARBON                        | 1K 5% 1/4W F<br>(DE915:US,CND)        | △ T901          | 1-431-286-11 | TRANSFORMER, POWER<br>(VE910:AEP,UK,G,AED,EE)             |         |
| R2015         | 1-247-807-31 | CARBON                        | 100 5% 1/4W<br>(DE915:US,CND)         | *****           |              |                                                           |         |
| R2020         | 1-247-807-31 | CARBON                        | 100 5% 1/4W<br>(DE915:US,CND)         | *****           |              |                                                           |         |
| *****         |              |                               |                                       | *****           |              |                                                           |         |
| *             | 1-665-787-11 | S-A-P BOARD                   | *****                                 | *****           |              |                                                           |         |
| < CONNECTOR > |              |                               |                                       | *****           |              |                                                           |         |
| CNP703        | 1-695-089-11 | PIN, CONNECTOR (PC BOARD) 11P |                                       | *               | A-4398-235-A | SP (2F) BOARD, COMPLETE (VE910:AEP,UK,G,<br>AED,EE)       |         |
| CNS702        | 1-695-096-11 | SOCKET, CONNECTOR 15P         |                                       | *               | A-4398-250-A | SP (2F) BOARD, COMPLETE (DE915:AUS)<br>*****              |         |
| CNS905        | 1-695-092-11 | SOCKET, CONNECTOR 7P          |                                       | *               | A-4398-262-A | SP (2F) BOARD, COMPLETE (DE915:US,CND,<br>PX)             |         |
| *****         |              |                               |                                       | *               | A-4398-295-A | SP (2F) BOARD, COMPLETE (V909/VE910:E,SP,<br>MY)          |         |
| *             | 1-665-783-12 | SECONDARY BOARD               | *****                                 | < CAPACITOR >   |              |                                                           |         |
| 1-533-399-31  | HOLDER, FUSE |                               |                                       | C624            | 1-126-964-11 | ELECT 10uF 20% 50V                                        |         |
| < CAPACITOR > |              |                               |                                       | C625            | 1-136-157-00 | FILM 0.022uF 5% 50V                                       |         |
| C801          | 1-104-664-11 | ELECT 47uF 20% 25V            |                                       | C626            | 1-136-153-00 | FILM 0.01uF 5% 50V                                        |         |
| C805          | 1-137-424-11 | FILM 0.22uF 10% 100V          |                                       | C706            | 1-126-951-11 | ELECT 470uF 20% 35V                                       |         |
| C806          | 1-137-424-11 | FILM 0.22uF 10% 100V          |                                       | C707            | 1-104-664-11 | ELECT 47uF 20% 25V                                        |         |
| △ C850        | 1-137-416-11 | FILM 0.01uF 10% 100V          |                                       | C724            | 1-126-964-11 | ELECT 10uF 20% 50V                                        |         |
| △ C851        | 1-137-416-11 | FILM 0.01uF 10% 100V          |                                       | C725            | 1-136-157-00 | FILM 0.022uF 5% 50V                                       |         |
| < CONNECTOR > |              |                               |                                       | C726            | 1-136-153-00 | FILM 0.01uF 5% 50V                                        |         |
| CNP801        | 1-564-905-11 | PIN, CONNECTOR 9P             |                                       | C775            | 1-136-157-00 | FILM 0.022uF 5% 50V                                       |         |
| CNP811        | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P     |                                       | < JACK >        |              |                                                           |         |
| < DIODE >     |              |                               |                                       | CNJ701          | 1-774-136-11 | CONNECTOR, ROUND TYPE 6P                                  |         |
| D801          | 8-719-302-38 | DIODE RBV-602-01              |                                       | < CONNECTOR >   |              |                                                           |         |
| D802          | 8-719-024-99 | DIODE 11ES2-NTA2B             |                                       | CNP603          | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P<br>(WIRELESS REAR SPEAKER)     |         |
| D803          | 8-719-024-99 | DIODE 11ES2-NTA2B             |                                       | CNS703          | 1-695-094-11 | SOCKET, CONNECTOR 11P                                     |         |
| D804          | 8-719-024-99 | DIODE 11ES2-NTA2B             |                                       | < DIODE >       |              |                                                           |         |
| D805          | 8-719-024-99 | DIODE 11ES2-NTA2B             |                                       | D543            | 8-719-987-63 | DIODE 1N4148M                                             |         |
|               |              |                               |                                       | D605            | 8-719-987-63 | DIODE 1N4148M                                             |         |
|               |              |                               |                                       | D606            | 8-719-987-63 | DIODE 1N4148M                                             |         |
|               |              |                               |                                       | D607            | 8-719-987-63 | DIODE 1N4148M                                             |         |
|               |              |                               |                                       | D649            | 8-719-987-63 | DIODE 1N4148M                                             |         |

The components identified by  
mark △ or dotted line with mark  
△ are critical for safety.  
Replace only with part number  
specified.

Les composants identifiés par  
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pour la sécurité.  
Ne les remplacer que par une  
pièce portant le numéro spécifié.

| Ref. No.       | Part No.     | Description                 | Remarks |
|----------------|--------------|-----------------------------|---------|
| D705           | 8-719-987-63 | DIODE 1N4148M               |         |
| D706           | 8-719-987-63 | DIODE 1N4148M               |         |
| D707           | 8-719-002-06 | DIODE UZL-18L               |         |
| D749           | 8-719-987-63 | DIODE 1N4148M               |         |
| < JACK >       |              |                             |         |
| J501           | 1-770-377-31 | JACK, PIN 1P (WOOFER)       |         |
| < COIL >       |              |                             |         |
| L601           | 1-411-906-11 | COIL, AIR-CORE (V909/VE910) |         |
| L601           | 1-420-872-00 | COIL, AIR-CORE (DE915)      |         |
| L701           | 1-411-906-11 | COIL, AIR-CORE (V909/VE910) |         |
| L701           | 1-420-872-00 | COIL, AIR-CORE (DE915)      |         |
| L751           | 1-411-906-11 | COIL, AIR-CORE (V909/VE910) |         |
| L751           | 1-420-872-00 | COIL, AIR-CORE (DE915)      |         |
| < TRANSISTOR > |              |                             |         |
| Q544           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK      |         |
| Q609           | 8-729-281-53 | TRANSISTOR 2SC1815-GR       |         |
| Q610           | 8-729-900-63 | TRANSISTOR DTA124ES         |         |
| Q611           | 8-729-900-63 | TRANSISTOR DTA124ES         |         |
| Q645           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK      |         |
| Q709           | 8-729-281-53 | TRANSISTOR 2SC1815-GR       |         |
| Q710           | 8-729-900-63 | TRANSISTOR DTA124ES         |         |
| Q745           | 8-729-119-79 | TRANSISTOR 2SC2785-FEK      |         |
| Q748           | 8-729-209-15 | TRANSISTOR 2SD2012          |         |
| < RESISTOR >   |              |                             |         |
| R543           | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R544           | 1-249-425-11 | CARBON 4.7K 5% 1/4W F       |         |
| △ R545         | 1-249-393-11 | CARBON 10 5% 1/4W F         |         |
| R546           | 1-249-425-11 | CARBON 4.7K 5% 1/4W F       |         |
| R629           | 1-247-866-11 | CARBON 30K 5% 1/4W          |         |
| R630           | 1-249-421-11 | CARBON 2.2K 5% 1/4W F       |         |
| R631           | 1-249-433-11 | CARBON 22K 5% 1/4W          |         |
| R632           | 1-249-433-11 | CARBON 22K 5% 1/4W          |         |
| △ R633         | 1-249-393-11 | CARBON 10 5% 1/4W F         |         |
| △ R634         | 1-249-389-11 | CARBON 4.7 5% 1/4W F        |         |
| R635           | 1-249-431-11 | CARBON 15K 5% 1/4W          |         |
| R647           | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R648           | 1-249-425-11 | CARBON 4.7K 5% 1/4W F       |         |
| △ R649         | 1-249-393-11 | CARBON 10 5% 1/4W F         |         |
| R729           | 1-247-866-11 | CARBON 30K 5% 1/4W          |         |
| R730           | 1-249-421-11 | CARBON 2.2K 5% 1/4W F       |         |
| R731           | 1-249-433-11 | CARBON 22K 5% 1/4W          |         |
| △ R733         | 1-249-393-11 | CARBON 10 5% 1/4W F         |         |
| △ R734         | 1-249-389-11 | CARBON 4.7 5% 1/4W F        |         |
| R735           | 1-249-431-11 | CARBON 15K 5% 1/4W          |         |
| R737           | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R738           | 1-247-887-00 | CARBON 220K 5% 1/4W         |         |
| R746           | 1-249-417-11 | CARBON 1K 5% 1/4W F         |         |
| R747           | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R748           | 1-249-425-11 | CARBON 4.7K 5% 1/4W F       |         |
| △ R749         | 1-249-393-11 | CARBON 10 5% 1/4W F         |         |
| △ R783         | 1-249-393-11 | CARBON 10 5% 1/4W F         |         |
| △ R784         | 1-249-389-11 | CARBON 4.7 5% 1/4W F        |         |
| R787           | 1-249-429-11 | CARBON 10K 5% 1/4W          |         |
| R788           | 1-247-887-00 | CARBON 220K 5% 1/4W         |         |

| Ref. No.      | Part No.     | Description                                           | Remarks |
|---------------|--------------|-------------------------------------------------------|---------|
| < RELAY >     |              |                                                       |         |
| RY503         | 1-515-793-11 | RELAY                                                 |         |
| RY601         | 1-515-920-11 | RELAY (24V)                                           |         |
| RY701         | 1-515-920-11 | RELAY (24V)                                           |         |
| < SWITCH >    |              |                                                       |         |
| S501          | 1-692-196-11 | SWITCH, SLIDE (IMP SELECTOR)(DE915)                   |         |
| < TERMINAL >  |              |                                                       |         |
| TM501         | 1-537-881-11 | TERMINAL BOARD (6P)<br>(SURROUND SPEAKERS)            |         |
| *****         |              |                                                       |         |
| *             | 1-665-775-11 | SP SW BOARD<br>*****                                  |         |
| < CONNECTOR > |              |                                                       |         |
| * CNS101      | 1-695-808-11 | CONNECTOR, PC BOARD 8P                                |         |
| < DIODE >     |              |                                                       |         |
| D152          | 8-719-987-63 | DIODE 1N4148M                                         |         |
| D153          | 8-719-987-63 | DIODE 1N4148M                                         |         |
| < SWITCH >    |              |                                                       |         |
| S136          | 1-762-751-11 | SWITCH, TACTILE (DPC MODE)                            |         |
| S152          | 1-554-118-00 | SWITCH, PUSH (1 KEY) (POWER)(V909/VE910)              |         |
| S155          | 1-762-268-11 | SWITCH, ROTARY (SPEAKERS)                             |         |
| *****         |              |                                                       |         |
| *             | A-4398-236-A | SUR BOARD, COMPLETE (VE910:AEP,UK,G,<br>***** AED,EE) |         |
| *             | A-4398-266-A | SUR BOARD, COMPLETE (DE915:US,CND,PX)<br>*****        |         |
| *             | A-4398-279-A | SUR BOARD, COMPLETE (V909/VE910:E,SP,<br>***** MY)    |         |
| *             | A-4398-287-A | SUR BOARD, COMPLETE (DE915:AUS)<br>*****              |         |
| < CAPACITOR > |              |                                                       |         |
| C301          | 1-126-963-11 | ELECT 4.7uF 20% 50V                                   |         |
| C302          | 1-162-282-31 | CERAMIC 100PF 10% 50V                                 |         |
| C303          | 1-126-967-11 | ELECT 47uF 20% 16V                                    |         |
| C304          | 1-130-480-00 | MYLAR 0.0056uF 5% 50V                                 |         |
| C305          | 1-106-347-00 | MYLAR 1500PF 5% 200V                                  |         |
| C306          | 1-126-960-11 | ELECT 1uF 20% 50V                                     |         |
| C307          | 1-164-159-11 | CERAMIC 0.1uF 50V                                     |         |
| C351          | 1-126-963-11 | ELECT 4.7uF 20% 50V                                   |         |
| C352          | 1-162-282-31 | CERAMIC 100PF 10% 50V                                 |         |
| C353          | 1-126-967-11 | ELECT 47uF 20% 16V                                    |         |
| C354          | 1-130-480-00 | MYLAR 0.0056uF 5% 50V                                 |         |
| C355          | 1-106-347-00 | MYLAR 1500PF 5% 200V                                  |         |
| C356          | 1-126-960-11 | ELECT 1uF 20% 50V                                     |         |
| C357          | 1-164-159-11 | CERAMIC 0.1uF 50V                                     |         |
| C394          | 1-126-967-11 | ELECT 47uF 20% 16V                                    |         |

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| Ref. No. | Part No.     | Description | Remarks |        |                                          | Ref. No.       | Part No.     | Description                                                | Remarks |  |  |
|----------|--------------|-------------|---------|--------|------------------------------------------|----------------|--------------|------------------------------------------------------------|---------|--|--|
| C395     | 1-126-967-11 | ELECT       | 47uF    | 20%    | 16V                                      | CC56           | 1-162-282-31 | CERAMIC 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |  |  |
| C396     | 1-164-070-11 | CERAMIC     | 100PF   | 5%     | 50V                                      | CC57           | 1-162-282-31 | CERAMIC 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |  |  |
| C397     | 1-162-294-31 | CERAMIC     | 0.001uF | 10%    | 50V                                      | CC58           | 1-162-282-31 | CERAMIC 100PF 10% 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) |         |  |  |
| C401     | 1-128-547-11 | ELECT       | 6800uF  | 20%    | 16V                                      | < CONNECTOR >  |              |                                                            |         |  |  |
| C402     | 1-126-935-11 | ELECT       | 470uF   | 20%    | 16V                                      | CNP250         | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P                                  |         |  |  |
| C403     | 1-126-935-11 | ELECT       | 470uF   | 20%    | 16V                                      | CNP305         | 1-695-088-11 | PIN, CONNECTOR (PC BOARD) 9P                               |         |  |  |
| C407     | 1-126-964-11 | ELECT       | 10uF    | 20%    | 50V                                      | CNP806         | 1-564-320-00 | PIN, CONNECTOR (B2P-VH) 2P (V909/VE910)                    |         |  |  |
| C408     | 1-164-159-11 | CERAMIC     | 0.1uF   |        | 50V                                      | CNS401         | 1-569-323-11 | SOCKET, CONNECTOR 19P                                      |         |  |  |
| C409     | 1-130-495-00 | MYLAR       | 0.1uF   | 5%     | 50V                                      | CNS403         | 1-569-324-11 | SOCKET, CONNECTOR 21P                                      |         |  |  |
| C410     | 1-130-495-00 | MYLAR       | 0.1uF   | 5%     | 50V                                      | CNS404         | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P                                  |         |  |  |
| C457     | 1-126-964-11 | ELECT       | 10uF    | 20%    | 50V                                      | CNS405         | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P                                  |         |  |  |
| C458     | 1-164-159-11 | CERAMIC     | 0.1uF   |        | 50V                                      | CNS406         | 1-691-768-11 | PLUG (MICRO CONNECTOR) 6P                                  |         |  |  |
| C501     | 1-126-964-11 | ELECT       | 10uF    | 20%    | 50V                                      | CNS501         | 1-770-404-11 | HOUSING,CONNECTOR(PC BOARD)11P                             |         |  |  |
| C502     | 1-164-070-11 | CERAMIC     | 100PF   | 5%     | 50V                                      | CNS601         | 1-770-404-11 | HOUSING,CONNECTOR(PC BOARD)11P                             |         |  |  |
| C503     | 1-107-601-11 | CERAMIC     | 33PF    | 5%     | 500V                                     | < DIODE >      |              |                                                            |         |  |  |
| C504     | 1-164-040-11 | CERAMIC     | 4PF     | 0.25PF | 50V                                      | D401           | 8-719-987-63 | DIODE 1N4148M                                              |         |  |  |
| C505     | 1-126-933-11 | ELECT       | 100uF   | 20%    | 16V                                      | D402           | 8-719-200-82 | DIODE 11ES2                                                |         |  |  |
| C551     | 1-126-964-11 | ELECT       | 10uF    | 20%    | 50V                                      | D403           | 8-719-200-82 | DIODE 11ES2                                                |         |  |  |
| C552     | 1-164-070-11 | CERAMIC     | 100PF   | 5%     | 50V                                      | < IC >         |              |                                                            |         |  |  |
| C553     | 1-107-601-11 | CERAMIC     | 33PF    | 5%     | 500V                                     | IC301          | 8-759-805-14 | IC LC7822                                                  |         |  |  |
| C554     | 1-164-040-11 | CERAMIC     | 4PF     | 0.25PF | 50V                                      | IC302          | 8-759-636-74 | IC M5218AP-22                                              |         |  |  |
| C555     | 1-126-933-11 | ELECT       | 100uF   | 20%    | 16V                                      | IC304          | 8-759-636-74 | IC M5218AP-22                                              |         |  |  |
| C593     | 1-126-923-11 | ELECT       | 220uF   | 20%    | 10V                                      | IC401          | 8-759-231-53 | IC TA7805S                                                 |         |  |  |
| C594     | 1-128-560-11 | ELECT       | 22uF    | 20%    | 100V                                     | IC402          | 8-759-231-53 | IC TA7805S                                                 |         |  |  |
| C595     | 1-128-560-11 | ELECT       | 22uF    | 20%    | 100V                                     | IC501          | 8-759-326-52 | IC uPC2581V                                                |         |  |  |
| C601     | 1-126-964-11 | ELECT       | 10uF    | 20%    | 50V                                      | IC601          | 8-749-011-16 | IC STK350-230                                              |         |  |  |
| C602     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V                                      | IC602          | 8-759-636-74 | IC M5218AP-22                                              |         |  |  |
| C603     | 1-102-989-00 | CERAMIC     | 68PF    | 5%     | 500V                                     | < JACK >       |              |                                                            |         |  |  |
| C604     | 1-164-040-11 | CERAMIC     | 4PF     | 0.25PF | 50V                                      | J301           | 1-774-725-11 | JACK, PIN 2P (PHONO) (V909/VE910)                          |         |  |  |
| C605     | 1-126-967-11 | ELECT       | 47uF    | 20%    | 16V                                      | J302           | 1-766-394-11 | JACK, PIN 6P (TAPE,DAT/MD IN)                              |         |  |  |
| C606     | 1-102-989-00 | CERAMIC     | 68PF    | 5%     | 500V                                     | J303           | 1-766-394-11 | JACK, PIN 6P (DAT/MD OUT,CD,PHONO)                         |         |  |  |
| C607     | 1-126-964-11 | ELECT       | 10uF    | 20%    | 50V                                      | < TRANSISTOR > |              |                                                            |         |  |  |
| CC01     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q401           | 8-729-141-30 | TRANSISTOR 2SC3623A-LK                                     |         |  |  |
| CC02     | 1-162-286-31 | CERAMIC     | 220PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q410           | 8-729-620-05 | TRANSISTOR 2SC2603-EF                                      |         |  |  |
| CC03     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q411           | 8-729-119-76 | TRANSISTOR 2SA1175-HFE                                     |         |  |  |
| CC04     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q451           | 8-729-141-30 | TRANSISTOR 2SC3623A-LK                                     |         |  |  |
| CC05     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | Q503           | 8-729-422-57 | TRANSISTOR UN4111                                          |         |  |  |
| CC06     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | < RESISTOR >   |              |                                                            |         |  |  |
| CC07     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R301           | 1-249-409-11 | CARBON 220 5% 1/4W F                                       |         |  |  |
| CC08     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R302           | 1-249-441-11 | CARBON 100K 5% 1/4W                                        |         |  |  |
| CC51     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R303           | 1-249-441-11 | CARBON 100K 5% 1/4W                                        |         |  |  |
| CC52     | 1-162-286-31 | CERAMIC     | 220PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R304           | 1-249-416-11 | CARBON 820 5% 1/4W F                                       |         |  |  |
| CC53     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R305           | 1-247-897-11 | CARBON 560K 5% 1/4W                                        |         |  |  |
| CC54     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R306           | 1-249-437-11 | CARBON 47K 5% 1/4W                                         |         |  |  |
| CC55     | 1-162-282-31 | CERAMIC     | 100PF   | 10%    | 50V<br>(DE915:AUS/VE910:AEP,UK,G,AED,EE) | R307           | 1-249-441-11 | CARBON 100K 5% 1/4W                                        |         |  |  |
|          |              |             |         |        |                                          | R308           | 1-247-807-31 | CARBON 100 5% 1/4W                                         |         |  |  |
|          |              |             |         |        |                                          | R309           | 1-249-417-11 | CARBON 1K 5% 1/4W F<br>(V909/VE910)                        |         |  |  |
|          |              |             |         |        |                                          | R310           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |  |  |
|          |              |             |         |        |                                          | R311           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |  |  |
|          |              |             |         |        |                                          | R312           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |  |  |
|          |              |             |         |        |                                          | R313           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |  |  |
|          |              |             |         |        |                                          | R314           | 1-249-417-11 | CARBON 1K 5% 1/4W F                                        |         |  |  |

| Ref. No. | Part No.     | Description |      |    | Remarks      | Ref. No. | Part No.     | Description                       |      |    | Remarks |
|----------|--------------|-------------|------|----|--------------|----------|--------------|-----------------------------------|------|----|---------|
| R315     | 1-249-437-11 | CARBON      | 47K  | 5% | 1/4W         | RR01     | 1-249-418-11 | CARBON                            | 1.2K | 5% | 1/4W F  |
| R351     | 1-249-409-11 | CARBON      | 220  | 5% | 1/4W F       |          |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |      |    |         |
| R352     | 1-249-441-11 | CARBON      | 100K | 5% | 1/4W         | RR51     | 1-249-418-11 | CARBON                            | 1.2K | 5% | 1/4W F  |
| R353     | 1-249-441-11 | CARBON      | 100K | 5% | 1/4W         |          |              | (DE915:AUS/VE910:AEP,UK,G,AED,EE) |      |    |         |
| R354     | 1-249-416-11 | CARBON      | 820  | 5% | 1/4W F       |          |              | < RELAY >                         |      |    |         |
|          |              |             |      |    |              |          |              |                                   |      |    |         |
| R355     | 1-247-897-11 | CARBON      | 560K | 5% | 1/4W         |          |              |                                   |      |    |         |
| R356     | 1-249-437-11 | CARBON      | 47K  | 5% | 1/4W         | RY401    | 1-515-614-11 | RELAY                             |      |    |         |
| R357     | 1-249-441-11 | CARBON      | 100K | 5% | 1/4W         |          |              |                                   |      |    |         |
| R358     | 1-247-807-31 | CARBON      | 100  | 5% | 1/4W         |          |              | < TERMINAL >                      |      |    |         |
| R359     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       |          |              |                                   |      |    |         |
|          |              |             |      |    | (V909/VE910) | TM401    | 1-694-266-11 | TERMINAL BOARD, ANT (ANTENNA)     |      |    |         |
|          |              |             |      |    |              |          |              | (DE915:AUS)                       |      |    |         |
| R360     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       | TM401    | 1-694-265-11 | TERMINAL BOARD, ANT (ANTENNA)     |      |    |         |
| R361     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       |          |              | (DE915:US,CND,PX)                 |      |    |         |
| R362     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       |          |              |                                   |      |    |         |
| R363     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       |          |              | < TUNER >                         |      |    |         |
| R394     | 1-247-807-31 | CARBON      | 100  | 5% | 1/4W         |          |              |                                   |      |    |         |
|          |              |             |      |    |              | TU401    | 1-693-377-11 | TUNER (DE915:AUS)                 |      |    |         |
| R395     | 1-247-807-31 | CARBON      | 100  | 5% | 1/4W         | TU401    | 1-233-592-11 | ENCAPSULATED COMPONENT            |      |    |         |
| R396     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       |          |              | (DE915:US,CND,PX)                 |      |    |         |
| R397     | 1-249-425-11 | CARBON      | 4.7K | 5% | 1/4W F       |          |              | *****                             |      |    |         |
| R412     | 1-249-425-11 | CARBON      | 4.7K | 5% | 1/4W F       |          |              |                                   |      |    |         |
| R449     | 1-249-425-11 | CARBON      | 4.7K | 5% | 1/4W F       | *        | 1-665-776-11 | SUR-AUDIO (2F) BOARD              |      |    |         |
|          |              |             |      |    |              |          |              | *****                             |      |    |         |
|          |              |             |      |    |              |          |              |                                   |      |    |         |
| R450     | 1-249-441-11 | CARBON      | 100K | 5% | 1/4W         |          |              |                                   |      |    |         |
| R462     | 1-249-425-11 | CARBON      | 4.7K | 5% | 1/4W F       |          |              | < CONNECTOR >                     |      |    |         |
| R483     | 1-249-441-11 | CARBON      | 100K | 5% | 1/4W         |          |              |                                   |      |    |         |
| R484     | 1-249-429-11 | CARBON      | 10K  | 5% | 1/4W         | CNP302   | 1-695-088-11 | PIN, CONNECTOR (PC BOARD) 9P      |      |    |         |
| R486     | 1-249-437-11 | CARBON      | 47K  | 5% | 1/4W         | CNS303   | 1-695-093-11 | SOCKET, CONNECTOR 9P              |      |    |         |
|          |              |             |      |    |              |          |              | *****                             |      |    |         |
|          |              |             |      |    |              |          |              |                                   |      |    |         |
| R490     | 1-249-433-11 | CARBON      | 22K  | 5% | 1/4W         |          |              |                                   |      |    |         |
|          |              |             |      |    | (DE915)      | *        | 1-665-780-11 | SW BOARD                          |      |    |         |
| R491     | 1-249-429-11 | CARBON      | 10K  | 5% | 1/4W         |          |              | *****                             |      |    |         |
|          |              |             |      |    | (DE915)      |          |              |                                   |      |    |         |
| R492     | 1-249-416-11 | CARBON      | 820  | 5% | 1/4W F       |          |              | < CONNECTOR >                     |      |    |         |
|          |              |             |      |    | (DE915)      |          |              |                                   |      |    |         |
| R501     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       | CNP103   | 1-770-397-11 | HOUSING, CONNECTOR(PC BOARD)4P    |      |    |         |
| R502     | 1-249-439-11 | CARBON      | 68K  | 5% | 1/4W         |          |              |                                   |      |    |         |
|          |              |             |      |    |              |          |              | < RESISTOR >                      |      |    |         |
|          |              |             |      |    |              |          |              |                                   |      |    |         |
| R503     | 1-249-439-11 | CARBON      | 68K  | 5% | 1/4W         | R169     | 1-249-411-11 | CARBON                            | 330  | 5% | 1/4W    |
| R504     | 1-247-820-11 | CARBON      | 360  | 5% | 1/4W         | R170     | 1-249-413-11 | CARBON                            | 470  | 5% | 1/4W F  |
|          |              |             |      |    | (V909/VE910) | R171     | 1-249-415-11 | CARBON                            | 680  | 5% | 1/4W F  |
| R504     | 1-249-411-11 | CARBON      | 330  | 5% | 1/4W         | R172     | 1-249-417-11 | CARBON                            | 1K   | 5% | 1/4W F  |
|          |              |             |      |    | (DE915)      | R173     | 1-249-419-11 | CARBON                            | 1.5K | 5% | 1/4W F  |
| R551     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       |          |              |                                   |      |    |         |
| R552     | 1-249-439-11 | CARBON      | 68K  | 5% | 1/4W         |          |              |                                   |      |    |         |
|          |              |             |      |    |              | R174     | 1-249-421-11 | CARBON                            | 2.2K | 5% | 1/4W F  |
| R553     | 1-249-439-11 | CARBON      | 68K  | 5% | 1/4W         | R175     | 1-249-425-11 | CARBON                            | 4.7K | 5% | 1/4W F  |
| R554     | 1-247-820-11 | CARBON      | 360  | 5% | 1/4W         | R176     | 1-249-411-11 | CARBON                            | 330  | 5% | 1/4W    |
|          |              |             |      |    | (V909/VE910) | R177     | 1-249-413-11 | CARBON                            | 470  | 5% | 1/4W F  |
| R554     | 1-249-411-11 | CARBON      | 330  | 5% | 1/4W         | R178     | 1-249-415-11 | CARBON                            | 680  | 5% | 1/4W F  |
|          |              |             |      |    | (DE915)      |          |              |                                   |      |    |         |
| R590     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       | R179     | 1-249-417-11 | CARBON                            | 1K   | 5% | 1/4W F  |
| △ R592   | 1-249-381-11 | CARBON      | 1    | 5% | 1/4W F       | R180     | 1-249-419-11 | CARBON                            | 1.5K | 5% | 1/4W F  |
|          |              |             |      |    |              | R181     | 1-249-421-11 | CARBON                            | 2.2K | 5% | 1/4W F  |
| △ R593   | 1-249-381-11 | CARBON      | 1    | 5% | 1/4W F       | R182     | 1-249-411-11 | CARBON                            | 330  | 5% | 1/4W    |
| R601     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       | R183     | 1-249-413-11 | CARBON                            | 470  | 5% | 1/4W F  |
| R602     | 1-249-439-11 | CARBON      | 68K  | 5% | 1/4W         |          |              |                                   |      |    |         |
| R603     | 1-249-406-11 | CARBON      | 120  | 5% | 1/4W F       | R184     | 1-249-415-11 | CARBON                            | 680  | 5% | 1/4W F  |
|          |              |             |      |    | (V909/VE910) | R185     | 1-249-417-11 | CARBON                            | 1K   | 5% | 1/4W F  |
| R603     | 1-247-807-31 | CARBON      | 100  | 5% | 1/4W         | R186     | 1-249-419-11 | CARBON                            | 1.5K | 5% | 1/4W F  |
|          |              |             |      |    | (DE915)      | R187     | 1-249-421-11 | CARBON                            | 2.2K | 5% | 1/4W F  |
|          |              |             |      |    |              |          |              |                                   |      |    |         |
| R604     | 1-249-439-11 | CARBON      | 68K  | 5% | 1/4W         |          |              |                                   |      |    |         |
| R605     | 1-249-413-11 | CARBON      | 470  | 5% | 1/4W F       |          |              |                                   |      |    |         |
| R606     | 1-249-439-11 | CARBON      | 68K  | 5% | 1/4W         |          |              |                                   |      |    |         |
| R607     | 1-249-417-11 | CARBON      | 1K   | 5% | 1/4W F       |          |              |                                   |      |    |         |
| R608     | 1-249-431-11 | CARBON      | 15K  | 5% | 1/4W         |          |              |                                   |      |    |         |

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| Ref. No.      | Part No.     | Description                               | Remarks | Ref. No.                              | Part No.     | Description                          | Remarks |
|---------------|--------------|-------------------------------------------|---------|---------------------------------------|--------------|--------------------------------------|---------|
| < SWITCH >    |              |                                           |         | < IC >                                |              |                                      |         |
| S101          | 1-762-751-11 | SWITCH, TACTILE (1) (DE915)               |         | IC211                                 | 8-759-061-95 | IC SN761200                          |         |
| S102          | 1-762-751-11 | SWITCH, TACTILE (4) (DE915)               |         | < CONNECTOR >                         |              |                                      |         |
| S103          | 1-762-751-11 | SWITCH, TACTILE (7) (DE915)               |         | CNS215                                | 1-695-092-11 | SOCKET, CONNECTOR 7P                 |         |
| S104          | 1-762-751-11 | SWITCH, TACTILE (0) (DE915)               |         | < JACK >                              |              |                                      |         |
| S105          | 1-762-751-11 | SWITCH, TACTILE (DIRECT PASS)             |         | J209                                  | 1-766-400-11 | JACK, PIN 2P (VIDEO 2)               |         |
| S106          | 1-762-751-11 | SWITCH, TACTILE (GENRE)                   |         | J210                                  | 1-766-399-11 | JACK, PIN 3P (VIDEO 1, MONITOR)      |         |
| S107          | 1-762-751-11 | SWITCH, TACTILE (SET UP)                  |         | J211                                  | 1-766-400-11 | JACK, PIN 2P (VIDEO 3)               |         |
| S108          | 1-762-751-11 | SWITCH, TACTILE (MODE)                    |         | < TRANSISTOR >                        |              |                                      |         |
| S109          | 1-762-751-11 | SWITCH, TACTILE (2) (DE915)               |         | Q214                                  | 8-729-620-05 | TRANSISTOR 2SC2603-EF                |         |
| S110          | 1-762-751-11 | SWITCH, TACTILE (5) (DE915)               |         | Q215                                  | 8-729-620-05 | TRANSISTOR 2SC2603-EF                |         |
| S111          | 1-762-751-11 | SWITCH, TACTILE (8) (DE915)               |         | Q216                                  | 8-729-620-05 | TRANSISTOR 2SC2603-EF                |         |
| S112          | 1-762-751-11 | SWITCH, TACTILE (DIRECT) (DE915)          |         | Q217                                  | 8-729-119-76 | TRANSISTOR 2SA1175-HFE               |         |
| S113          | 1-762-751-11 | SWITCH, TACTILE (AUDIO FUNC <)            |         | Q218                                  | 8-729-119-76 | TRANSISTOR 2SA1175-HFE               |         |
| S114          | 1-762-751-11 | SWITCH, TACTILE (SOUND FIELD)             |         | Q219                                  | 8-729-119-76 | TRANSISTOR 2SA1175-HFE               |         |
| S115          | 1-762-751-11 | SWITCH, TACTILE (AUDIO FUNC >)            |         | < RESISTOR >                          |              |                                      |         |
| S116          | 1-762-751-11 | SWITCH, TACTILE (3) (DE915)               |         | R207                                  | 1-249-409-11 | CARBON 220 5% 1/4W F                 |         |
| S117          | 1-762-751-11 | SWITCH, TACTILE (6) (DE915)               |         | R266                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| S118          | 1-762-751-11 | SWITCH, TACTILE (9) (DE915)               |         | R268                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| S119          | 1-762-751-11 | SWITCH, TACTILE (SHIFT) (DE915)           |         | R269                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| S120          | 1-762-751-11 | SWITCH, TACTILE (VIDEO FUNC <)            |         | R270                                  | 1-249-426-11 | CARBON 5.6K 5% 1/4W                  |         |
| S121          | 1-762-751-11 | SWITCH, TACTILE (INPUT MODE)              |         | R271                                  | 1-249-426-11 | CARBON 5.6K 5% 1/4W                  |         |
| S122          | 1-762-751-11 | SWITCH, TACTILE (VIDEO FUNC >)            |         | R272                                  | 1-249-426-11 | CARBON 5.6K 5% 1/4W                  |         |
| *****         |              |                                           |         | R274                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| *             | 1-665-777-11 | VIDEO (3) BOARD                           |         | R275                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| *****         |              |                                           |         | R276                                  | 1-249-419-11 | CARBON 1.5K 5% 1/4W F                |         |
| < CAPACITOR > |              |                                           |         | R277                                  | 1-249-419-11 | CARBON 1.5K 5% 1/4W F                |         |
| C299          | 1-164-159-11 | CERAMIC 0.1uF 50V                         |         | R278                                  | 1-249-419-11 | CARBON 1.5K 5% 1/4W F                |         |
| < JACK >      |              |                                           |         | R279                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| J299          | 1-764-190-11 | JACK, PIN 3P (VIDEO 3 INPUT) (V909/VE910) |         | R280                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| J299          | 1-779-868-11 | JACK, PIN 3P (VIDEO 3 INPUT) (DE915)      |         | R281                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| < RESISTOR >  |              |                                           |         | R282                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| R297          | 1-249-403-11 | CARBON 68 5% 1/4W F                       |         | R283                                  | 1-249-403-11 | CARBON 68 5% 1/4W F                  |         |
| R298          | 1-249-403-11 | CARBON 68 5% 1/4W F                       |         | R288                                  | 1-249-430-11 | CARBON 12K 5% 1/4W                   |         |
| R299          | 1-249-403-11 | CARBON 68 5% 1/4W F                       |         | R289                                  | 1-249-430-11 | CARBON 12K 5% 1/4W                   |         |
| R316          | 1-249-417-11 | CARBON 1K 5% 1/4W F                       |         | R290                                  | 1-249-430-11 | CARBON 12K 5% 1/4W                   |         |
| R366          | 1-249-417-11 | CARBON 1K 5% 1/4W F                       |         | R2009                                 | 1-249-409-11 | CARBON 220 5% 1/4W F                 |         |
| *****         |              |                                           |         | R2010                                 | 1-249-409-11 | CARBON 220 5% 1/4W F                 |         |
| *             | 1-665-784-11 | VIDEO BOARD                               |         | *****                                 |              |                                      |         |
| *****         |              |                                           |         | *                                     | 1-665-788-11 | VOL SEL BOARD (DE915:PX/VE910:E)     |         |
| < CAPACITOR > |              |                                           |         | *****                                 |              |                                      |         |
| C253          | 1-126-960-11 | ELECT 1uF 20% 50V                         |         | < CONNECTOR >                         |              |                                      |         |
| C256          | 1-126-960-11 | ELECT 1uF 20% 50V                         |         | CNP910                                | 1-564-321-00 | PIN, CONNECTOR 2P (DE915:PX/VE910:E) |         |
| C258          | 1-126-960-11 | ELECT 1uF 20% 50V                         |         | * CNP911                              | 1-564-687-11 | PIN, CONNECTOR 3P (DE915:PX/VE910:E) |         |
| C262          | 1-126-960-11 | ELECT 1uF 20% 50V                         |         | * CNP912                              | 1-564-687-11 | PIN, CONNECTOR 3P (DE915:PX/VE910:E) |         |
| C264          | 1-126-964-11 | ELECT 10uF 20% 50V                        |         | < SWITCH >                            |              |                                      |         |
| C265          | 1-126-964-11 | ELECT 10uF 20% 50V                        |         | △S902                                 | 1-571-437-11 | SWITCH, POWER VOLTAGE CHANGE         |         |
| C266          | 1-126-964-11 | ELECT 10uF 20% 50V                        |         | (VOLTAGE SELECTOR) (DE915:PX/VE910:E) |              |                                      |         |
| C267          | 1-126-960-11 | ELECT 1uF 20% 50V                         |         | *****                                 |              |                                      |         |

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VOLUME

| Ref. No. | Part No.     | Description                                | Remarks | Ref. No.     | Part No.     | Description                                                                                                              | Remarks |
|----------|--------------|--------------------------------------------|---------|--------------|--------------|--------------------------------------------------------------------------------------------------------------------------|---------|
| *        | 1-665-774-11 | VOLUME BOARD<br>*****                      |         |              |              | ACCESSORIES & PACKING MATERIALS<br>*****                                                                                 |         |
|          |              | < CONNECTOR >                              |         | 1-475-134-11 |              | REMOTE COMMANDER (RM-P501)                                                                                               |         |
| CNP102   | 1-770-388-11 | PIN, CONNECTOR (PC BOARD) 4P               |         | 1-501-374-11 |              | ANTENNA, LOOP (DE915)                                                                                                    |         |
| CNS402   | 1-569-323-11 | SOCKET, CONNECTOR 19P                      |         | 1-501-594-11 |              | ANTENNA (FM) (DE915:AUS)                                                                                                 |         |
|          |              | < RESISTOR >                               |         | 1-777-172-11 |              | CORD, CONNECTION (DE915:US,CND)                                                                                          |         |
| R499     | 1-249-411-11 | CARBON 330 5% 1/4W                         |         | 3-703-044-26 |              | LABEL, CAUTION (DE915:US,CND)                                                                                            |         |
|          |              | < VARIABLE RESISTOR >                      |         | 3-810-765-11 |              | MANUAL,COMMONNESS INSTRUCTION<br>(ENGLISH)(DE915:US)                                                                     |         |
| RV401    | 1-225-445-11 | RES, VAR, CARBON 100KX6<br>(MASTER VOLUME) |         | 3-810-765-21 |              | MANUAL,COMMONNESS INSTRUCTION<br>(ENGLISH,FRENCH,GERMAN,SPANISH,DUTCH,<br>SWEDISH,ITALIAN,PORTUGUESE,CHINESE)<br>(DE915) |         |
| *****    |              |                                            |         | 3-860-516-11 |              | MANUAL, INSTRUCTION (ENGLISH)<br>(DE915:US,AUS)                                                                          |         |
|          |              | MISCELLANEOUS<br>*****                     |         | 3-860-516-21 |              | MANUAL, INSTRUCTION (FRENCH)<br>(DE915:CND)                                                                              |         |
| 19       | 1-773-174-11 | WIRE (FLAT TYPE) (21 CORE)(46cm)           |         | 3-860-516-31 |              | MANUAL, INSTRUCTION (ENGLISH)<br>(DE915:PX)                                                                              |         |
| 20       | 1-773-057-11 | WIRE (FLAT TYPE) (17 CORE)                 |         | 3-861-069-11 |              | MANUAL, INSTRUCTION<br>(ENGLISH/FRENCH/DUTCH/SWEDISH)<br>(VE910:AEP,UK,AED,EE)                                           |         |
| 22       | 1-773-107-11 | WIRE (FLAT TYPE) (19 CORE)(17cm)           |         | 3-861-069-21 |              | MANUAL, INSTRUCTION<br>(GERMAN,SPANISH,ITALIAN,PORTUGUESE)<br>(VE910:AEP,UK,G,AED,EE)                                    |         |
| 57       | 1-773-116-11 | WIRE (FLAT TYPE) (19 CORE)(23cm)           |         | 3-861-069-41 |              | MANUAL, INSTRUCTION (ENGLISH/CHINESE)<br>(VE910:E,SP,MY)                                                                 |         |
| 58       | 1-773-174-11 | WIRE (FLAT TYPE) (21 CORE)(9cm)            |         | 3-861-069-51 |              | MANUAL, INSTRUCTION<br>(ENGLISH/CHINESE) (V909)                                                                          |         |
| △ 60     | 1-696-847-11 | CORD, POWER (AUS)                          |         | 4-983-536-01 |              | COVER, BATTERY (for RM-P501)                                                                                             |         |
| △ 60     | 1-769-743-11 | CORD, POWER (US,CND)                       |         | *****        |              |                                                                                                                          |         |
| △ 60     | 1-769-744-11 | CORD, POWER (EXCEPT US,CND,AUS,CH)         |         |              |              | *****                                                                                                                    |         |
| △ 60     | 1-782-464-21 | CORD, POWER (CH)                           |         |              |              | HARDWARE LIST                                                                                                            |         |
| △ 69     | 1-569-008-11 | ADAPTOR, CONVERSION 2P (E,PX)              |         |              |              | *****                                                                                                                    |         |
| △ CNJ909 | 1-251-416-11 | OUTLET, AC (AC OUTLET) (AUS)               |         | #1           | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 TT(B)                                                                                              |         |
| △ CNJ909 | 1-526-794-11 | OUTLET, AC (EXCEPT US,CND,AUS,PX,CH)       |         | #2           | 7-685-872-09 | SCREW +BVTT 3X8 (S)                                                                                                      |         |
| *****    |              |                                            |         | #3           | 7-685-881-09 | SCREW +BVTT 4X8 (S)                                                                                                      |         |

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|                                                                                                                                  |                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
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|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|