

# Service Manual

**General Description**

**Adjustment Procedures**

**Block / Schematic Diagrams**

**Exploded Views / Parts List**

Video Cassette Recorder

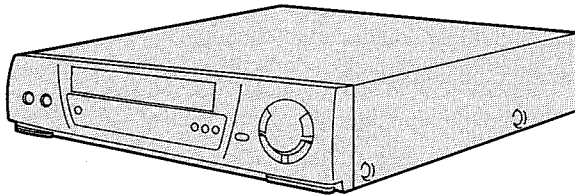
**Panasonic VHS**  
PAL

**Hi-Fi HQ**

**NV-HD630** EG/EG-S  
B/B-S/BL  
EC/EC-S

**NV-HD628 EG**

**Z-MECHANISM**



## SPECIFICATIONS

ITEM	SPECIFICATION		ITEM	SPECIFICATION
POWER	SOURCE: 220—240 V AC 50/60 Hz		AUDIO	HEAD: 1 Stationary head (Normal-mono only) 2 channels (Hi-Fi Sound-Stereo)
	CONSUMPTION: 20 watts (NV-HD630EG/EG-S, HD628EG) 21 watts (NV-HD630B/B-S/BL/EC/EC-S)			INPUT: EURO AV (AV1, AV2) Connector (21 pin) More than -6 dBV (500 mV), 10 k $\Omega$
RECORDING SYSTEM	2 rotary heads, helical scanning system		TAPE SPEED	OUTPUT: AUDIO OUT Connector (Phono type) -6 dBV (500 mV), Less than 1 k $\Omega$ EURO AV (AV1, AV2) Connector (21 pin) -6 dBV (500 mV), Less than 1 k $\Omega$
	PAL			SP: 23.39 mm/s LP: 11.695 mm/s Record/Playback Time: SP: 4 hours with 240 min. type tape LP: 8 hours with 240 min. type tape FF/REW Time: 90 sec. with 180 min. type tape
TV TUNER SYSTEM	NV-HD630EG/ EG-S/EC/EC-S, HD628EG	VHF: CHE2—CHE12 CHA—CHH2 [ITALY] (PAL/SECAM B)	OPERATING TEMPERATURE	5°C—40°C
		UHF: CH21—CH69 (PAL/SECAM G)		OPERATING HUMIDITY
	CATV: CHS01—CHS41 (PAL/SECAM B) 75 $\Omega$ terminated	DIMENSIONS		
	NV-HD630B/B-S	UHF: CH21—CH69 (PAL I) 75 $\Omega$ terminated	WEIGHT	4.0 kg
	NV-HD630BL	VHF: CHA—CHJ (PAL I) UHF: CH21—CH69 (PAL I) 75 $\Omega$ terminated	STANDARD ACCESSORIES	1 pc. DIN-RF Cable 1 pc. AC Mains Lead 1 pc. Infra-res Remote Controller 1 pc. Ferrite Core (NV-HD630BL)
RF OUT SYSTEM	NV-HD630EG/ EG-S/EC/EC-S, HD628EG	UHF: CH21-CH69 (PAL/SECAM G) 71 $\pm$ 3dB $\mu$ , 75 $\Omega$ terminated		
	NV-HD630B/ B-S/BL	UHF: CH21-CH69 (PAL I) 71 $\pm$ 3 dB $\mu$ , 75 $\Omega$ terminated		
VIDEO	HEADS: 4 rotary heads 1 pair for recording and playback (L-R heads) 1 pair for trick play (L'-R' heads)			
	INPUT: EURO AV (AV1, AV2) Connector (21 pin) 1.0 Vp-p, 75 $\Omega$ unbalanced			
	OUTPUT: EURO AV (AV1, AV2) Connector (21 pin) 1.0 Vp-p, 75 $\Omega$ unbalanced			

Weight and dimensions shown are approximate.  
Specifications are subject to change without notice.

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



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# Parts Change Notice

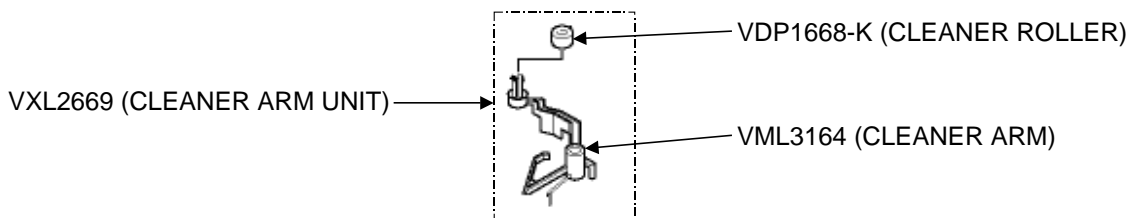
Model No.: ALL Z-MECHANISM VCR  
Effective From: Running Change

Subject: Parts Information

Please revise the original parts list in the Service Manual to confirm to the change(s) shown herein. If new part numbers are shown, be sure to use them when ordering parts.

Reason for Change				
*The circled item indicates the reason. If no marking, see the Notes in the bottom column.				
1.Improve performance				
2.Change of material or dimension				
3.To meet approved specification				
4.Standardization				
5.Addition				
6.Deletion				
7.Correction				
8.Other				
Interchangeability Code				
Parts	Set Production			
A Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.	
B Original New		Early Late	Original parts may be used in early production set only. New parts may be used in early	
C Original New		Early Late	New parts only may be used in early or late production set. Stock new parts.	
D Original New		Early Late	Original parts may be used in early production set only. New parts may be used in late production set only. Stock both original and new parts.	
E	Other			
Part Number				
Ref. No.	Original Part No.	New Part No.	Part name & Descriptions	Remarks
—	VXL2669	—	CLEANER ARM UNIT	DELETION
—	—	VDP1668-K	CLEANER ROLLER	ADDITION
—	—	VML3164	CLEANER ARM	ADDITION

**NOTE:** Please refer to substitute following figure for reference number.



## ⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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## INTRODUCTION

*This service manual contains technical information which will allow service personnels to understand and service this model.*

*Section 1 presents you with technical know how for actual servicing and general information of features and controls, enabling you to become familiar with each function.*

*Section 2 presents to your mechanical and electrical adjustment information as well disassembly and replacement procedures.*

*In the case of very common information relating to other models like mechanical adjustments, please refer to the appropriate service manual.*

*Section 3 contains block diagrams which provides you with information for checking and understanding each circuit. Schematic diagrams which give you detailed information such as waveforms, voltage data, function e.t.c. ...*

*Section 4 contains exploded views and parts list.*

*Please place orders using the parts list and not the drawing reference numbers.*

*If the circuit is changed or modified, this information will be followed by supplementary service manual to be filed with original service manual.*

Note 1: Adjustment procedures, Disassembly Procedures and Assembly Procedures for Mechanism Chassis are separate volume from this service manual.

Please refer to the service manual for Z-Mechanism Chassis. (Order No. VRD9802005C2)

Note 2: The Model No. is indicated on the Schematic Diagram and Circuit Board Diagrams as follows.

Model No.	NV-HD630EG/EG-S	NV-HD630B/B-S	NV-HD630BL	NV-HD630EC/EC-S	NV-HD628EG
Indication Mark	(A)	(B)	(C)	(D)	(E)

## CONTENTS

### SECTION 1

#### GENERAL DESCRIPTIONS

1-1. SERVICE INFORMATION .....	1-1
1-2. OPERATING INSTRUCTIONS .....	1-5

### SECTION 2

#### ADJUSTMENT PROCEDURES

2-1. DISASSEMBLY METHOD .....	2-1
2-2. MECHANICAL ADJUSTMENT PROCEDURES .....	2-2
2-3. ELECTRICAL ADJUSTMENT PROCEDURES.....	2-4

## **SECTION 3**

### **BLOCK DIAGRAMS & SCHEMATIC DIAGRAMS**

3-1.	ABBREVIATIONS .....	3-1
3-2.	TIMER BLOCK DIAGRAM .....	3-15
3-3.	LUMINANCE & CHROMINANCE BLOCK DIAGRAM.....	3-16
3-4.	SYSTEM CONTROL & SERVO BLOCK DIAGRAM .....	3-19
3-5.	HI-FI AUDIO BLOCK DIAGRAM .....	3-21
3-6.	POWER SCHEMATIC DIAGRAM.....	3-23
3-7.	POWER SUPPLY/RF SECTION IN MAIN SCHEMATIC DIAGRAM .....	3-25
3-8.	SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM .....	3-27
3-9.	CYLINDER STATOR UNIT SCHEMATIC DIAGRAM .....	3-31
3-10.	CAPSTAN UNIT SCHEMATIC DIAGRAM .....	3-32
3-11.	TIMER SECTION IN MAIN SCHEMATIC DIAGRAM.....	3-33
3-12.	AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM .....	3-35
3-13.	INPUT/OUTPUT SECTION IN MAIN SCHEMATIC DIAGRAM .....	3-37
3-14.	LUMINANCE & CHROMINANCE SECTION IN MAIN SCHEMATIC DIAGRAM .....	3-39
3-15.	TV DEMODULATOR PACK SCHEMATIC DIAGRAM .....	3-42
3-16.	DECODER PACK SCHEMATIC DIAGRAM (NV-HD630EG/EG-S, HD628EG) .....	3-43
3-17.	NICAM DECODER PACK SCHEMATIC DIAGRAM (NV-HD630B/B-S/BL/EC/EC-S).....	3-44
3-18.	OSD PACK SCHEMATIC DIAGRAM.....	3-45
3-19.	HEAD AMP SCHEMATIC DIAGRAM.....	3-47
3-20.	POWER C.B.A. ....	3-49
3-21.	HEAD AMP C.B.A. ....	3-49
3-22.	MAIN C.B.A. ....	3-51
3-23.	CYLINDER STATOR UNIT .....	3-53
3-24.	OSD PACK C.B.A. ....	3-54
3-25.	TV DEMODULATOR PACK C.B.A.....	3-55
3-26.	DECODER PACK C.B.A. ....	3-56
3-27.	NICAM DECODER PACK C.B.A.....	3-56

## **SECTION 4**

### **EXPLODED VIEWS & PARTS LIST**

4-1.	EXPLODED VIEW & MECHANICAL REPLACEMENT PARTS LIST .....	4-1
4-2.	ELECTRICAL REPLACEMENT PARTS LIST.....	4-6



# Caution for AC Mains Lead

## For your safety please read the following text carefully

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 5 amp fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5 amps and that it is approved by ASTA or BSI to BS 1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.

If in any doubt please consult a qualified electrician.

## IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:


Blue: Neutral

Brown: Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

Under no circumstance should either of these wires be connected to the earth terminal of the three pin plug, marked with the letter E or the Earth Symbol .

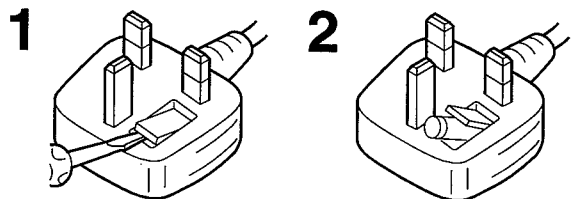
## How to replace the Fuse

- There are two types of the AC Mains Lead assembly: A and B as shown below.

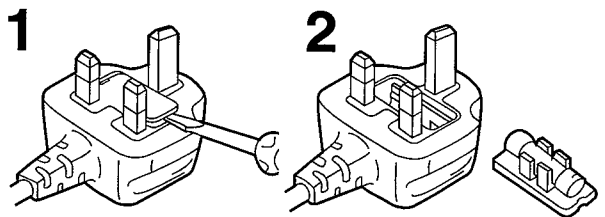
1 Open the fuse compartment with a screwdriver.

2 Replace the fuse and fuse cover.

### TYPE A



### TYPE B



# SECTION 1 GENERAL DESCRIPTIONS

## 1-1. SERVICE INFORMATION

### 1-1-1. CHANNEL MEMORY IC INITIALIZATION

When replacing the Memory IC7704 and/or Oscillator X6001, Memory IC7704 has to be initialized due to the setting value changes.

Note:

a) It has to be performed before tuning.

b) Meaning of “MEMORY IC INITIALIZATION” is to make dependency in different models and to distinguish between different features.

c) It does not need to perform when replacing the System Control IC6001.

### CHANNEL MEMORY IC INITIALIZATION

PROCEDURES	FIP Display	Monitor Screen
Press the FF and EJECT keys simultaneously for 3 seconds.		None
Press the FF and EJECT keys simultaneously more twice.		None
Press the EJECT key for 3 seconds.		None
Press the CH UP key twice.		None
Press the POWER key.	 (Colon starts flashing)	Service Screen (See Fig. S1)
Press the REC key on the Remote Controller Unit.		Service Screen (See Fig. S1)
Set the Model Code and Option Code by pressing 10-key or ►◄▲▼ keys on the Remote Controller Unit. (See Fig. S2)		Service Screen (See Fig. S1)
To release Service Mode, press POWER key and then press the FF and EJECT keys simultaneously 6 times until the normal indication on the FIP.		None

Service		
	Version	
OSD	VCCZ1.35	0
MAIN	V1CJ0.34	0
Pos for time ref.	NONE	
Last error code:	00	
Model Code	104 (68h)	
Option Code	160 (A0h)	
Clock adjust	+ 0	
VPS/PDC default	AUTO (depend)	

Fig. S1 Service Screen

Caution:

Since the “Clock adjust” and “VPS/PDC default” are future expansion, do not change the initial setting. If changing the “Clock adjust” accidentally, set the code

“+0” by pressing ▲▼ keys on the Remote Controller Unit.

If changing the “VPS/PDC default” accidentally, set the code mentioned “(default)” by pressing ▲▼ keys on the Remote Controller Unit.

Model	Model Code	Option Code
NV-HD630EG/EG-S	96	136
NG-HD628EG	96	136
NV-HD630B/B-S	104	160
NV-HD630BL	108	160
NV-HD630EC/EC-S	100	136

Fig. S2 Model Code & Option Code

### 1-1-2. CHECKING OF MAIN C.B.A.

When servicing the MAIN C.B.A., take out the MAIN C.B.A. and mechanism from the frame and turn over. And then Extension Cable (VFK2744) between the POWER C.B.A. connector (P1103) and the MAIN C.B.A. connector (P1001) as shown in Fig. S3.

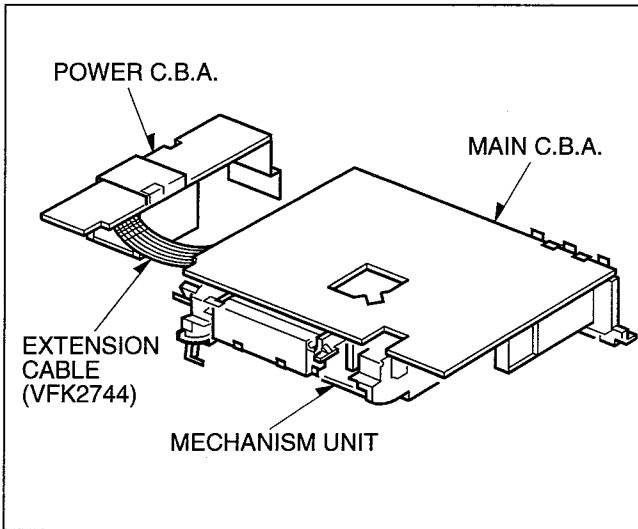


Fig. S3

### 1-1-3. CYLINDER UNIT REPLACEMENT

#### A. CYLINDER UNIT REPLACEMENT

- 1) Remove the 3 Screws (A) of the CYLINDER UNIT with a magnetized screw driver.

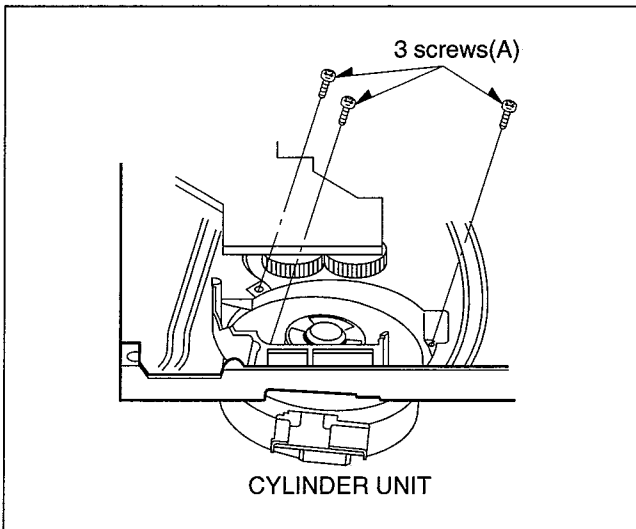


Fig. S4

#### B. UPPER CYLINDER DISASSEMBLY

- 1) Remove 2 screws (A).
- 2) Remove the Cylinder Stator Unit.
- 3) Remove 2 screws (B).
- 4) Remove the Cylinder Rotor Unit.
- 5) Loosen hex screw (C) (1.5 mm) and remove the Cylinder Retainer.
- 6) Remove the Upper Cylinder.

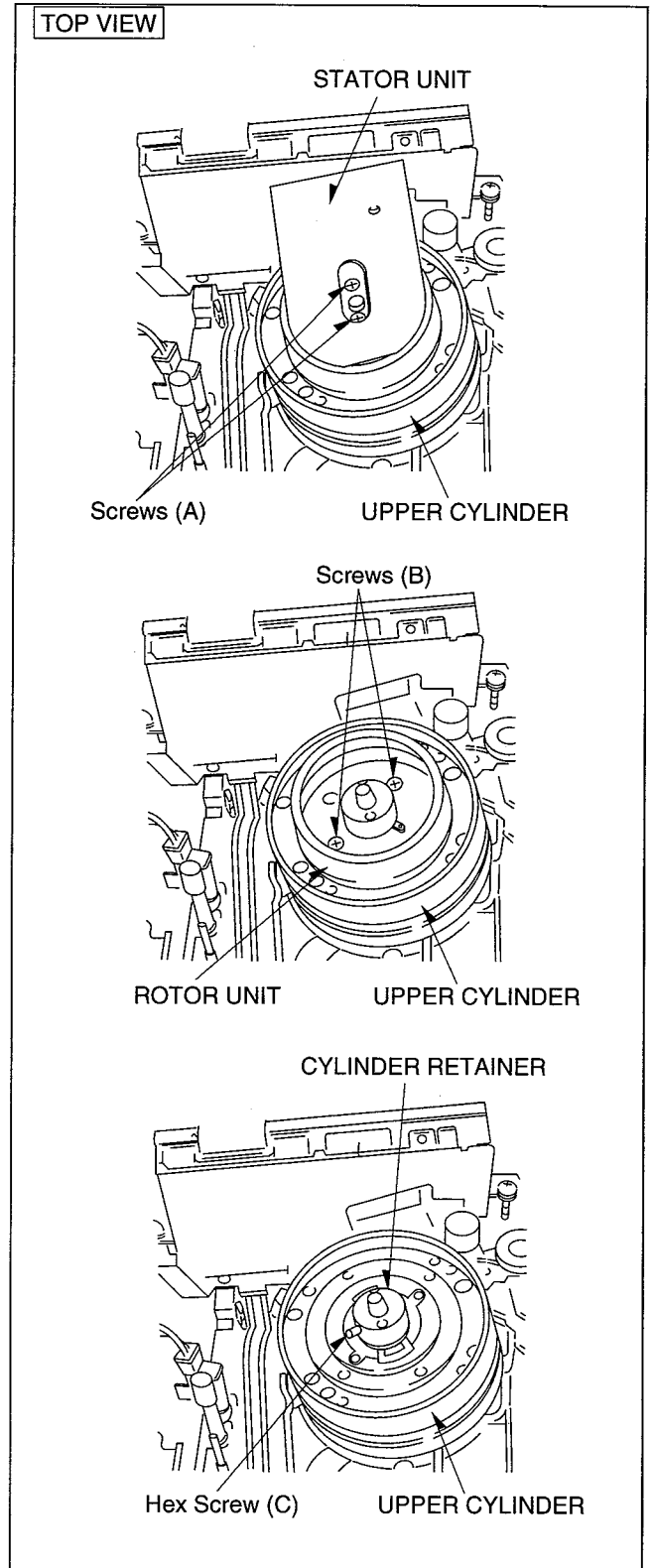


Fig. S5

### C. UPPER CYLINDER ASSEMBLY

When reassembling, perform the steps in the reverse order.

- 1) Install the Cylinder Retainer so that the 2 holes on top of the Cylinder Retainer are at right angles with the Head Amp Shield.
- 2) Tighten the hex screw (C) (1.5mm) while pressing down on top of the Cylinder Retainer.

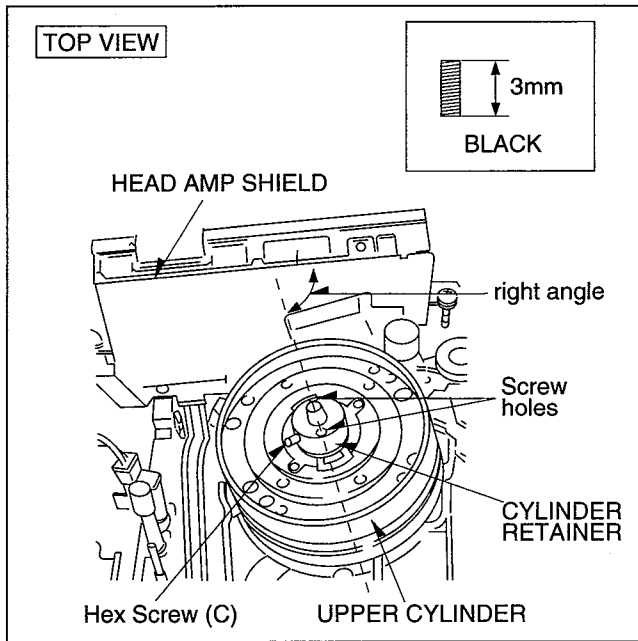


Fig. S6

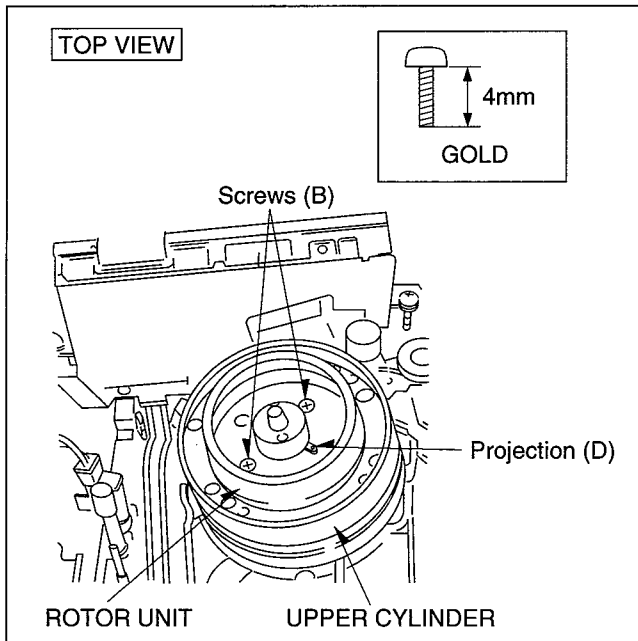


Fig. S7

- 3) Install the Cylinder Rotor Unit so that the inner hole of the Cylinder Rotor Unit fits to the small projection (D) on top of the Upper Cylinder.
- 4) Tighten 2 screws (B).
- 5) Install the Cylinder Stator Unit so that the rear side of the Cylinder Stator C.B.A. is parallel with the Head Amp Shield.
- 6) Tighten 2 screws (A).
- 7) Confirm the PG SHIFTER ADJUSTMENT with the alignment tape (PAL: VFJ8125H3F/NTSC: VFM8080HQFP) and adjust it if necessary.

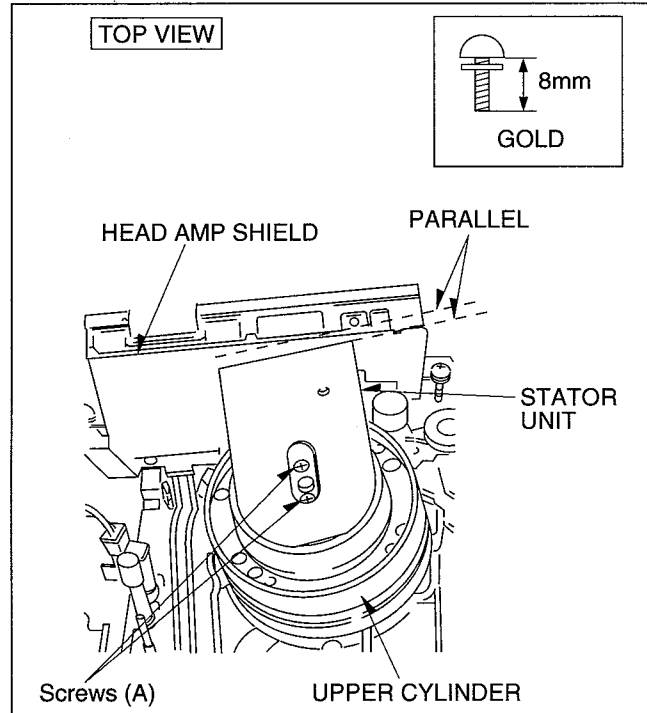


Fig. S8

#### 1-1-4. FLAT CARD CABLE INSTLLATION

When installing the Flat Card Cable on the connector, install the Flat Card Cable with the cable contacts facing the connector contacts.

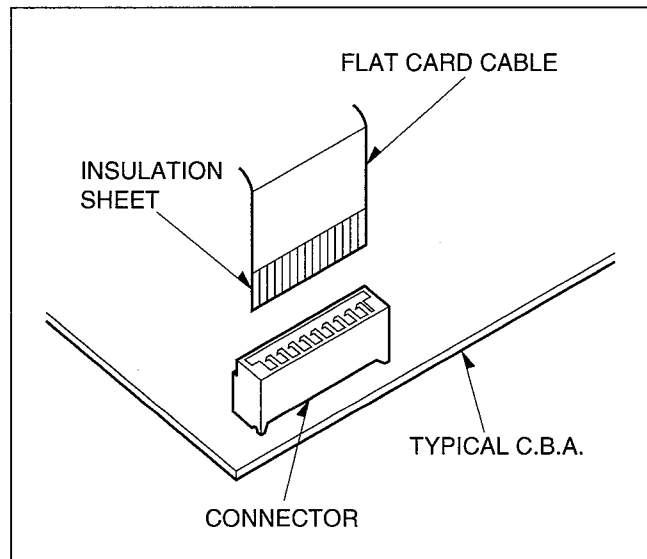


Fig. S9



## 1-2. SELF-TEST & SERVICE INFORMATION DISPLAY

Refer to the Service Manual for Z Mechanism Chassis.  
(Order No.: VRD9802005C2)

## 1-3. CAUTION DURING AUTO TUNING

### PROCEDURE

Auto Tuning will start by the following procedure.

1. Connect the DIN-RF Cable.
2. Connect the AC Mains Lead.
3. Turn on the VCR.

Auto Tuning will start.

Auto Tuning searches for TV stations from VHF minimum to UHF maximum and memorizes every tuned program position. Other program positions are skipped.

Auto Tuning takes seven or more minutes to complete its search.

Do not touch the VCR during Auto Tuning.

Auto Tuning will stop halfway, if the VCR is operated or the aerial lead and/or the mains lead are disconnected.

In case of the VCR stopped during Auto Tuning, the VCR have to be reset and restarted. See the following item 2.

### NOTE:

1. If the VCR is turned on with the antenna not connected, all channels are skipped. Therefore, firmly connect the antenna and then turn the VCR off and on again to execute Auto Tuning.
2. When Auto Tuning is canceled halfway, Auto Tuning is not executed even if the VCR is turned off and then turned on again.  
In this case, Auto Tuning have to be restarted by the following procedure.
  - 1) Press EJECT and remove the video cassette.
  - 2) Keep  $\wedge$  and  $\vee$  (CH UP/DOWN) on the VCR pressed simultaneously for 3 seconds or more during the VCR on.  
The channel displayed on the VCR display disappears for a moment then changes to 1.
  - 3) Turn off the VCR and then turn it on.  
Auto Tuning commences.
3. If turning the VCR off during Auto Tuning, Auto Tuning will stop halfway.  
The VCR should be reset and restarted by the item 2 in order to execute Auto Tuning.
4. If the VCR starts playback during Auto Tuning, Auto Tuning will stop halfway.  
The VCR should be reset and restarted by the item 2 in order to execute Auto Tuning.
5. To cancel Auto Tuning Mid-operation, press POWER key during Auto Tuning (The VCR is turned off).
6. When the VCR is moved to the other area or country, TV broadcasts should be stored again.

## 1-4. REMOVAL OF CASSETTE TAPE

There are 2 ways to remove a cassette tape.

### 1. Service Information Display Operation

- 1) Press FF and EJECT keys simultaneously for 3 seconds and set the Service Mode 7.
- 2) Press STOP key in order to rotate the Loading Motor for unloading operation.  
(Pay an attention of tape slack)

### 2. Manual Operation

- 1) Disconnect the AC Mains Lead and remove the Top Panel.
- 2) Rotate the Main Cam Gear clockwise until the Loading Posts move to fully unloaded position as shown in Fig.S10. (Tape is remaining)

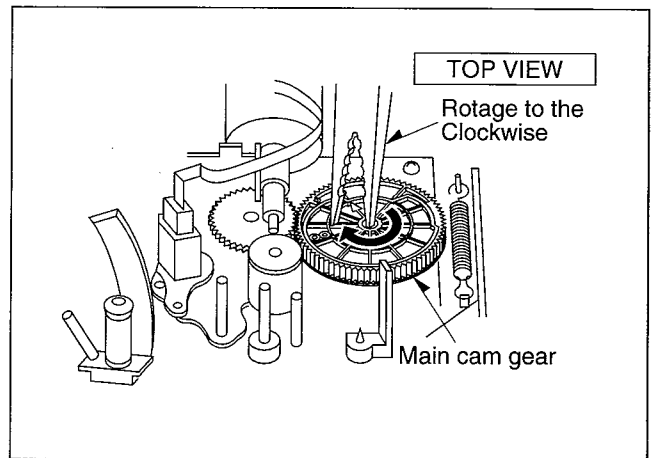


Fig. S10

- 3) Rotate the Capstan Motor clockwise from the bottom side to take up the tape.

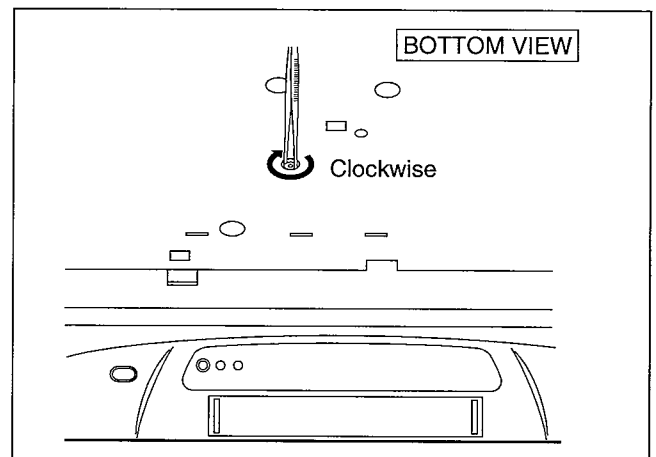


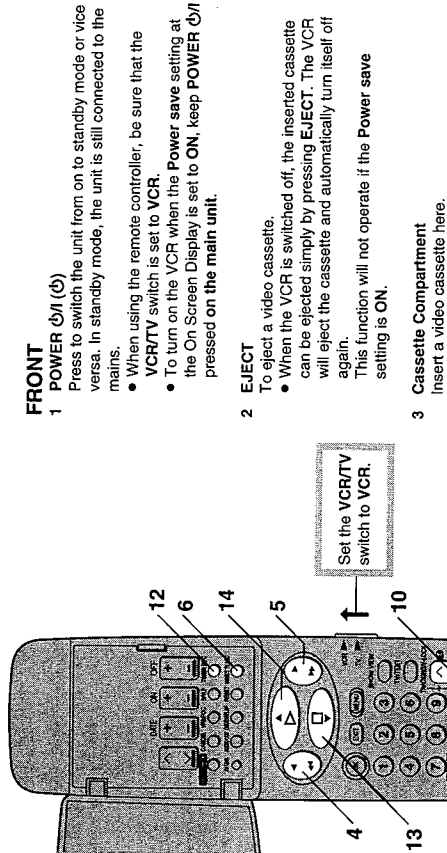
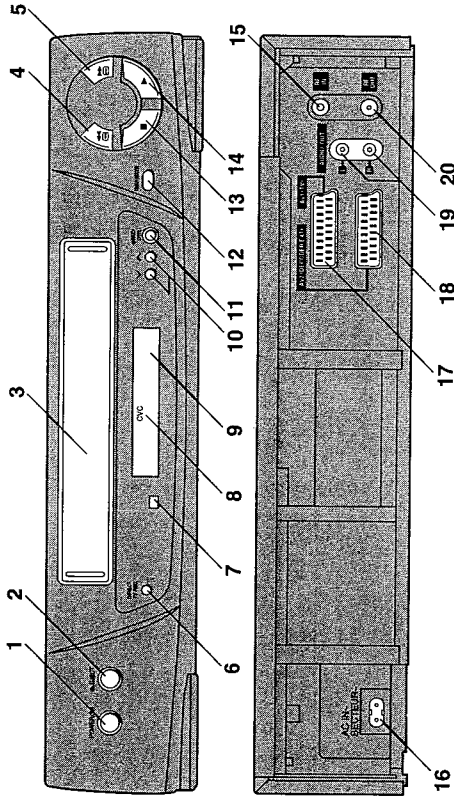
Fig. S11

- 4) Rotate the Main Cam Gear clockwise until the cassette tape is ejected.

# 1-2. OPERATING INSTRUCTIONS

## Controls and Connection Sockets

This section gives a detailed explanation of the function of each button, switch and connection socket.

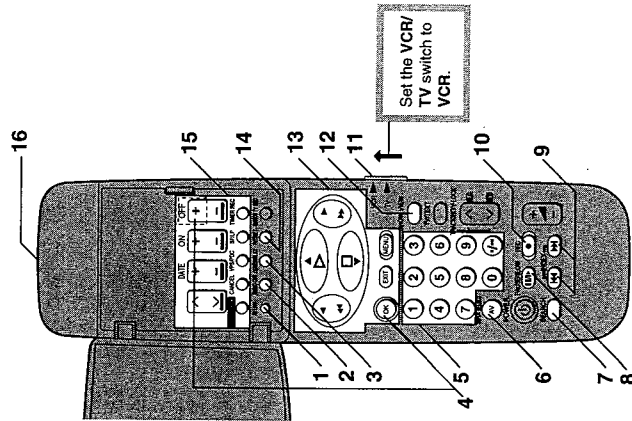


- 4** ◀◀ (REWIND)  
In the stop mode: To rewind the tape.  
In the playback mode: To search backward for a scene.  
In the rewind mode: To view the video.  
"◀◀" is lit during rewind.
- 5** ▶▶ (FAST FORWARD)  
In the stop mode: To fast forward the tape.  
In the playback mode: To search forward for a scene.  
In the fast forward mode: To view the video.  
"▶▶" is lit during fast forward.
- 6** DIRECT TV REC  
For the Direct TV REC function.
- 7** Infra-red Remote Control Receiver Window
- 8** CVC (Crystal View Control) Indicator  
Indicates that the CVC function is active. This indicator is normally lit when the power is on.
- 9** Display
- 10** √ ∨  
To select the required programme position (TV station) of the VCR.  
These buttons can also be used for tracking adjustment and vertical locking adjustment.  
See page 20.  
Set the VCR/TV switch to VCR to use √ ∨ on the remote controller.
- 11** REC/OTR  
To start a recording.  
For One-Touch Recording (OTR).
- 12** TIMER REC  
To turn the timer recording function on and off.  
◻ is lit when the function is on (standby mode).  
Once the operating timer recording function is set, normal VCR operation is not possible unless this button is set to off.
- 13** ◻ ■ (STOP)  
To stop any playback or recording.
- 14** ▶▶ (PLAY)  
To start playback. "▶▶" is lit during playback.  
For the repeat playback function.
- REAR**
- 15** RF IN  
To connect to the external aerial.
- 16** AC IN~  
To connect to the main power supply.
- 17** AV1 (TV)  
This 21-pin scart terminal carries input and output signals for both picture and sound. TV sets equipped with a similar socket can be connected here.  
The scart terminal is also called Peritel  
Euro Connector  
Euro AV
- |    |                   |    |                    |
|----|-------------------|----|--------------------|
| 1  | AUDIO OUTPUT      | 13 | RED GROUND         |
| 2  | AUDIO INPUT       | 14 | BLANKING GROUND    |
| 3  | AUDIO OUTPUT      | 15 | RED                |
| 4  | AUDIO GROUND      | 16 | BLANKING GROUND    |
| 5  | BLUE GROUND       | 17 | VIDEO OUTPUT       |
| 6  | AUDIO INPUT       | 7  | BLUE               |
| 8  | SWITCHING VOLTAGE | 18 | VIDEO INPUT GROUND |
| 9  | GREEN GROUND      | 9  | GREEN              |
| 10 | CONTROL SIGNAL    | 19 | VIDEO OUTPUT       |
| 11 | GREEN             | 20 | VIDEO INPUT        |
| 12 | No connection     | 21 | GROUND             |
- Caution: RGB reservation for only E/E operation when connecting the Pay TV decoder.
- 18** AV2 (DECODER/EXT)  
To connect to a decoder or another VCR.
- 19** AUDIO OUT  
To connect the audio cable to a stereo audio system.
- 20** RF OUT  
To connect to the aerial terminal on a TV set.

# Infra-red Remote Controller

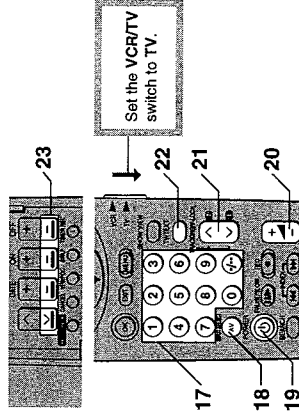
- 1 **AV LINK**  
To select the VCR mode or TV mode for AV LINK.
- 2 **AUDIO OUT**  
To select the desired sound mode.  
At the every push of this button, the audio output mode changes as follows.  
Stereo → Left → Right → Normal audio → track  
The Left (L) and Right (R) Indicators shown which sound mode is selected in the following way.  
Stereo: Both the L and R Indicators appear.  
Left: The L Indicator appears.  
Right: The R Indicator appears.  
Normal: Both the L and R Indicators don't appear.
- 3 **OSD/DISPLAY**  
When this button is pressed for the first time, it makes the On Screen Display appear on the TV screen. From the second time, it changes the VCR display indication as follows.  
Clock → Counter → Remaining Tape Time
- 4 **OFF+, OK**  
For the Child Lock function.  
See the description of page 8.
- 5 **Numeric Buttons**  
Be sure that the VCR/TV switch is set to VCR.  
● To select the programme positions (1-99) of the VCR.  
9: 9 → 19: 19 → 99: 99  
● To enter a ShowView number.
- 6 **INPUT SELECT**  
To select the A1 or A2 external recording source.  
● Be sure that the VCR/TV switch is set to VCR.
- 7 **SEARCH**  
To search for a recorded programme using the intro-jet scan and the programme list search functions after timer recording.
- 8 **PAUSE/SLOW**  
During playback:  
● When pressed once: Still picture. "|||" is lit.  
● When pressed for 2 seconds or more: "|||" is lit. Slow playback. "|||" is lit.  
During recording: To pause recording.
- 9 **INDEX**  
For the index search function.

## VCR OPERATION



- 10 **REC**  
To start a recording.
- 11 **VCR/TV switch**  
VCR: To select the VCR operation mode.  
TV: To select the TV operation mode.
- 12 **SHOW VIEW**  
For the ShowView programming.  
● Be sure that the VCR/TV switch is set to VCR.
- 13 **On Screen Display Menu Operation Buttons**  
The buttons with the green characters are used for the on screen display menu operation.  
**MENU:** To make the On Screen Display Main menu appear on the TV screen.  
**EXIT:** To exit the menu.  
**OK:** To confirm the selection, or to store.  
**▲ ▼ ◀ ▶:** To make selections from the On Screen Display. (When the On Screen Display is displayed.)  
These buttons can also be used for the playback, stop, rewind and fast forward mode. (When the On Screen Display is not displayed.)
- 14 **RESET**  
To reset the tape counter. (elapsed time) to "0:00.00".  
● The tape counter is automatically reset to "0:00.00" when a video cassette is inserted.
- 15 **Timer Recording Operation Buttons**  
V, DATE, ON, OFF:  
To programme a timer recording.  
**PROG./CHECK:** To programme a timer recording. To check and modify timer programmes.  
● Be sure that the VCR/TV switch is set to VCR.  
**CANCEL:** To cancel timer programmes.  
**VPS/PDC:** To set the VPS/PDC recording option or cancel the option.  
**SP/LP:** To select the tape speed desired for recording.  
LP gives the longest recording time. LP gives the longest recording function on and off. [ ] is lit when the function is on (standby mode).  
Once the operating timer recording function is set, normal VCR operation is not possible unless this button is set to off.
- 16 **Infra-red Transmitter**  
To switch between TV channels and external input channels. See page 10.  
● Be sure that the VCR/TV switch is set to TV.

## TV OPERATION

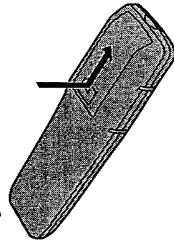


- 17 **Numeric Buttons**  
To select programme positions (1-99) of the TV.  
These buttons are also used to select the Teletext screen.  
● Be sure that the VCR/TV switch is set to TV.
- 18 **AV**  
To switch between TV channels and external input channels. See page 10.  
● Be sure that the VCR/TV switch is set to TV.

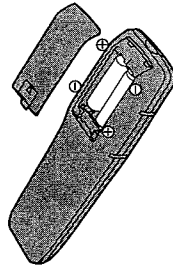
# Remote Controller Setup

## Installing the Batteries

- 1 To remove the cover, slide it in the direction of the arrow while pressing down.



- 2 Load the batteries with their polarity (+ and -) aligned correctly.



- 3 Slide the cover back on.

- 19 **POWER** Press to switch the TV from on to standby mode or vice versa. In standby mode, the TV is still connected to the mains.
  - Be sure that the **VCR/TV** switch is set to **TV**.
  - With some TV models, it may only be possible to switch the TV to the standby mode using this button. In this case, use the numeric buttons, **AV** or **∨** **∧** to switch the TV on.

- 20 To adjust the volume of the TV.

- 21 **∨** **∧** To select the required programme position (TV station) of the TV. These buttons are also used to select the Teletext screen.
  - Be sure that the **VCR/TV** switch is set to **TV**.

- 22 **TV/TEXT** To switch between normal TV mode and Teletext mode.
  - Be sure that the **VCR/TV** switch is set to **TV**.

- 23 **∨** (red), **DATE-** (green), **ON-** (yellow), **OFF-** (blue) These buttons are used in Teletext mode. Change the screen according to each colour display (red, green, yellow, blue).
  - Be sure that the **VCR/TV** switch is set to **TV**.

## Using for Operation of your TV

Only Panasonic televisions can be operated with the provided remote controller.

The settings for operating the TV with the remote controller have already been made. No additional settings need to be performed.

**Note:**  
Some Panasonic televisions cannot be operated using this remote controller.

## Switching Between External Input Channels of Your TV

Panasonic TVs have three different methods for switching between the external input channels.

- Be sure that the **VCR/TV** switch is set to **TV**.

Press **AV** to switch to the external input channels.  
A1 or A2 ← → TV channels

### 1 Press AV.

- Colour bars for selecting the external input channel appear on one corner of the TV screen.
- 2 Select the desired external input channel by pressing the corresponding colour button **∨** (red), **DATE-** (green), **ON-** (yellow) or **OFF-** (blue) on the remote controller, following the instructions on the TV screen.

### 1 Press AV.

- The previously-selected external input channel screen appears on the TV, and a screen for selecting another VCR input channel is also displayed.

### 2 Press ∨ (red), ∨ (green), ∨ (yellow), ∨ (blue) at the same time to select the desired channel.

- Each time **∨** (red), **∨** (green), **∨** (yellow), **∨** (blue) is pressed simultaneously, the channel selection scrolls up.
- The screen for selecting the channel will turn off after a few seconds.

**Power Source for the Remote Controller**  
The remote controller is powered by 2 AA, UMS or R6 size batteries. The life of the batteries is about one year, although this depends on the frequency of use.

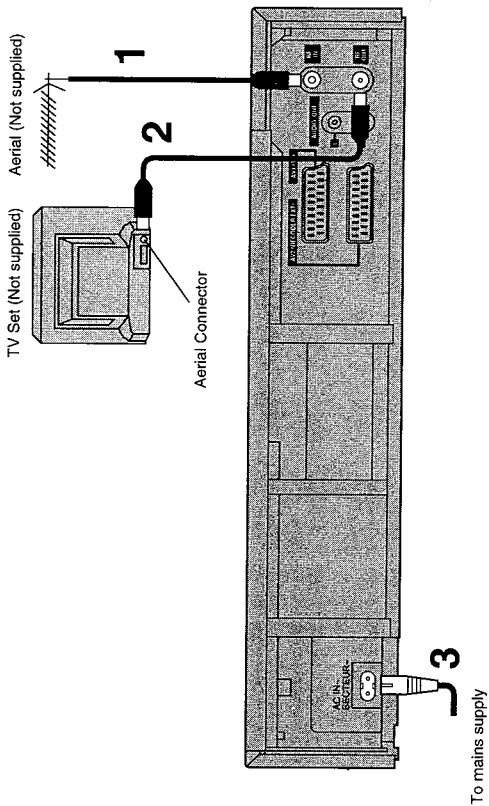
### Precautions for Battery Replacement

- Load the new batteries with their polarity (+ and -) aligned correctly.
- Do not apply heat to the batteries, or an internal short-circuit may occur.
- If you do not intend to use the remote controller for a long period of time, remove the batteries and store them in a cool, dry place.
- Remove spent batteries immediately and dispose of them.
- Do not use an old and a new battery together, and never use an alkaline battery with a manganese battery.

# Connections and Settings Without Using a 21-Pin Scart Cable

## 1 Connections

The VCR sends signals to the TV via an RF coaxial cable (supplied). Make the connections shown in the figure below.



## 2 Settings

Setting a VCR channel on your TV allows you to view the video picture on your TV in the same way that you watch TV broadcasts. Once the Country setting is completed, the VCR automatically searches for TV stations and sets the clock. (This is known as Auto Setup.)

### Preparation

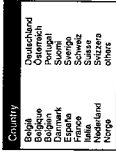
Turn on the TV and VCR.

**2** Set the TV to an unused position which you wish to use for your video playback.

- Tune the TV until the test pattern appears on the screen. On Screen Display
- Consult the instruction manual of your TV to find out how to tune it.
- The initial setting of the RF output channel is 36ch.

(Test Pattern)

**3** Press OK to exit the Test Pattern screen. The Country setting screen appears.



**4** Select the desired country. Auto Setup (auto tuning and auto clock settings) then starts automatically.



**To Reset Auto Setup:**  
Press EXIT, then disconnect and connect the power source. The Country setting screen will appear on the screen. Repeat the operations from step 3.

### Notes:

- The Auto setup searches for TV stations from VHF minimum to UHF maximum and stores the data for every programme position. The other programme positions are skipped.
  - The Auto setup takes five minutes or more to search for the TV stations and set the clock.
  - If VCR is not set correctly by Auto setup, see Various Settings on pages 31-34.
  - Auto clock setting will not work correctly if teletext information is not available. If the clock setting screen appears after auto tuning has been completed, set the clock manually.
- Refer to steps 3-5 on page 34.

## Operations

- 1** Keep MENU pressed for 5 seconds or more.
- Hold down the button until "Ch" appears in the VCR display.

# Connections and Settings Using a 21-Pin Scart Cable

## 1 Connections

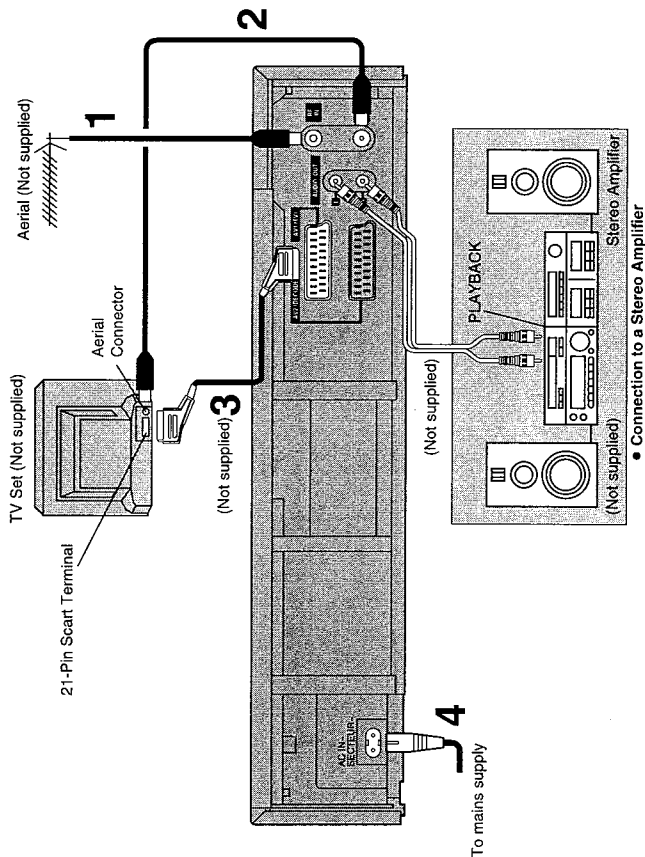
The VCR sends signals to the TV via a 21-pin scart cable (sold separately).

When connecting the VCR to a TV with the "Q Link", "DATA LOGIC", "NEXTVIEWLINK", "EASY LINK", "MEGALOGIC", "SMARTLINK", or other logo, the fully-wired 21-pin scart cable should be used in Step 3. If this cable is not used, the "Preset Download" and "Direct TV REC" functions will not operate. (See pages 18 and 23.)

Make the connections shown in the figure below.

After making these connections, one of two settings methods is performed.

- If the VCR is connected to a TV with the "Q Link", "DATA LOGIC", "NEXTVIEWLINK", "EASY LINK", "MEGALOGIC", "SMARTLINK", or other logo using a fully-wired 21-pin scart cable, then go to page 18.
- For other connections, go to page 16.



**Note:** Set the RF output channel of the VCR to "—" (RF OFF) when the VCR is connected to the TV via the 21-pin scart cable. See page 13.

### To Check the Settings for Auto Setup:

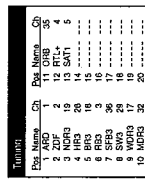
Use the following procedure to check that the settings for Auto Setup are set correctly.

#### Operations

- 1 Press **MENU** and select Tuning.



- 2 Select Manual.

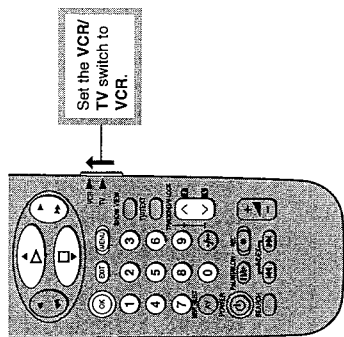


- 3 Looking at the On Screen Display, check that the settings for Auto Setup are set correctly.

If the desired TV stations have all been displayed and are set in the correct order, Auto Setup is completed. If the TV stations have not been correctly entered and set, perform the manual setting procedure on page 31. Press **EXIT** to exit the On Screen Display.

#### Note:

Manual tuning is required when there is a \* mark at the beginning of the station name display, even if the station name is displayed. See page 32.



### To Change the RF Output Channel (using the remote controller):

In some rare cases after Auto Setup, interference may be visible on the picture. To avoid interference, you can manually adjust the RF output channel a few steps up or down from the current setting.

#### Operations

- 1 Turn on the TV and VCR.
- 2 Keep **MENU** pressed for 5 seconds or more.
  - Hold down the button until "Cr" appears in the VCR display.
- 3 Enter the desired channel number (21-69) by using the numeric buttons or  $\nabla$  /  $\blacktriangledown$  of the remote controller.
  - Be sure that the **VCR/TV** switch is set to **VCR**.
  - Set the RF output channel of the VCR to "—" (RF OFF) when the VCR is connected to the TV via the 21-pin scart cable.

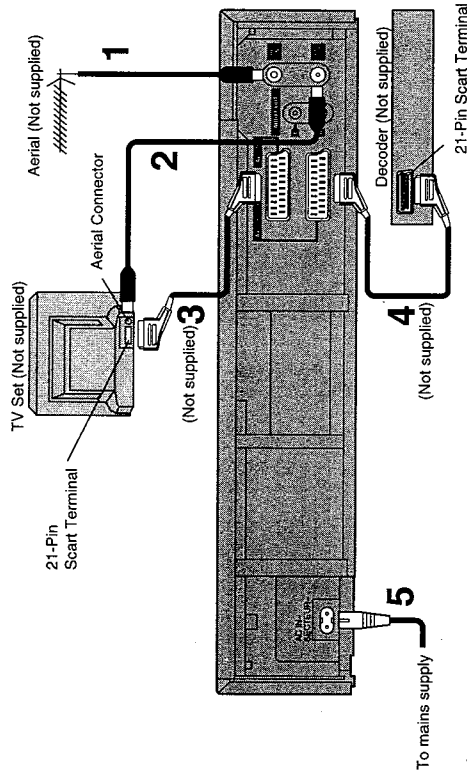
Press the "0" numeric button or  $\nabla$  /  $\blacktriangledown$  to display "—".

→21← ... →69←  
(RF OFF)

- 4 Press **OK** to finish the setting mode.
  - Return your TV to the new channel for the VCR.
  - After the Country setting is set, the Country setting screen will not be displayed even if the RF output channel is changed and **OK** is pressed.

## Connection to a Decoder

In addition to the connections described on the previous page, connect the AV2 socket to the decoder using a 21-pin scart cable.



### Notes:

- If the TV set is provided with an RGB-compatible connector, connect the 21-pin AV cable from the VCR to this connector. Use the fully-wired 21-pin scart cable for connecting the TV set and VCR and for connecting the VCR and decoder.
- Set the RF output channel of the VCR to "—" (RF OFF) when the VCR is connected to the TV via the 21-pin scart cable. See the bottom section on page 13.
- AV2 must first be set to **DECODER** when the decoder is connected to the AV2 socket. (See page 38.)

### AV LINK

With this button, the connected colour TV set can be switched from TV mode to VCR mode (and vice versa) when it is connected by means of 21-pin scart cable. This makes a variety of functions possible, such as simultaneous recording and viewing when a Pay TV decoder or a satellite receiver has been connected.

### VCR mode (VCR indicator lights up):

- To enjoy sound and pictures from the VCR.
- When **MENU** is pressed and the OSD (On Screen Display) screen is displayed, the unit also automatically switches to VCR mode.
- However, if the unit is originally in TV mode, the VCR indicator is not displayed.
- The unit also automatically switches to VCR mode when playback is started. However, the unit cannot be returned to TV mode during playback.

### TV mode (VCR indicator goes off):

- To watch another programme on the TV while recording on the VCR.
- Select the programme to be watched using the TV set's tuner.
- The sound and pictures of a different channel are received by the VCR.

	VCR	TV set
<b>Power On</b>	VCR mode	AV input selected
	TV mode	Input from TV set's tuner*
<b>Power Off</b>	—	input from TV set's tuner

\*When the VCR is set to the TV mode and the Pay TV channel is selected, the signals will still be scrambled even when Pay TV is selected by the TV set's tuner. In this case, either set the VCR to the VCR mode or switch the TV set's input signals to AV input.

## 2 Settings

### Auto Setup

This setting is used when the VCR is not connected to a TV with the "Q Link", "DATA LOGIC", "NEXTVIEWLINK", "Easy Link", "Megalogic", "SMARTLINK", or other logo using a fully-wired 21-pin scart cable.

The VCR automatically searches for TV stations and sets the clock. (This is known as Auto Setup.)

### Preparation

Turn on the TV and VCR.

### Notes:

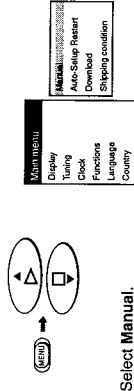
- The Auto setup searches for TV stations from VHF minimum to UHF maximum and stores the data for every programme position. The other programme positions are skipped.
  - The Auto setup takes five minutes or more to search for TV stations and set the clock.
  - If VCR is not set correctly by Auto setup, see Various Settings on pages 31-34.
  - Auto clock setting will not work correctly if teletext information is not available. If the clock setting screen appears after auto tuning has been completed, set the clock manually.
- Refer to steps 3-5 on page 34.

### To Check the Settings for Auto Setup:

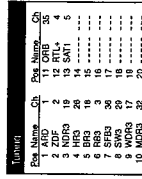
Use the following procedure to check that the settings for Auto Setup have been correctly made.

### Operations

- Press **MENU** and select **Tuning**.



- Select **Manual**.



### The Country setting screen appears.

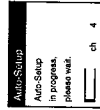
Select the desired country.



- Auto Setup (Auto tuning and Auto clock setting) starts automatically.

### To Reset Auto Setup:

Press **EXIT**, then disconnect and connect the power source. The Country setting screen will appear on the screen.



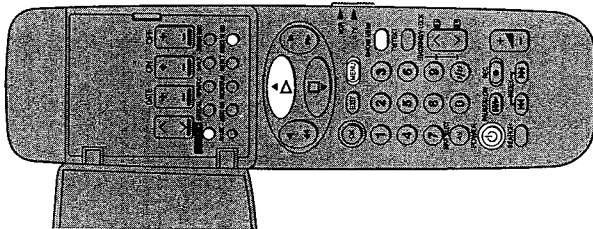
- Looking at the On Screen Display, check that the settings for Auto Setup are set correctly.

If the desired TV stations have all been displayed and are set in the correct order, Auto Setup is completed. If the TV stations have not been correctly entered and set, perform the manual setting procedure on page 31. Press **EXIT** to exit the On Screen Display.

### Note:

Manual tuning is required when there is a \* mark at the beginning of the station name display, even if the station name is displayed. See page 32.

## The "Q Link" functions



When the VCR is connected to a TV with the "Q Link", "DATA LOGIC", "NEXTVIEWLINK", "Easy Link", "Megalogic", "SMARTLINK", or other logo using a fully-wired 21-pin scart cable, you can use the "Q Link" functions.

The following Q Link functions are available.

- 1 **Preset Download**  
When the VCR is connected to the TV, the station list data will be copied from the TV to the VCR, and the TV channels will be preset on the VCR.  
See page 18.
- 2 **Direct TV REC**  
This function allows you to immediately record the program you are watching on the TV at the moment by simply pressing **DIRECT TV REC**.  
See page 23.

## Preset Download

This setting is used when the VCR is connected to a TV with the "Q Link", "DATA LOGIC", "NEXTVIEWLINK", "Easy Link", "Megalogic", "SMARTLINK", or other logo using a fully-wired 21-pin scart cable.

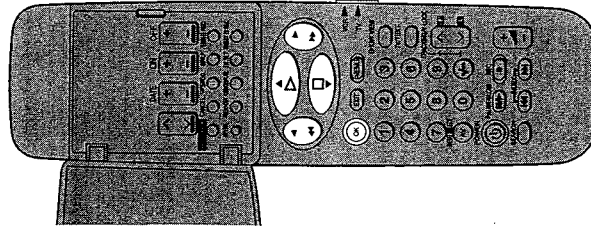
When the VCR is connected to the TV, the station list data will be copied from the TV to the VCR, and the TV channels will be preset on the VCR.  
This function is known as "Preset Download".

The **Country** setting screen appears when the VCR is turned on after being connected to the TV using the fully-wired 21-pin scart cable.  
Select the desired country.

### On Screen Display



If the VCR is connected to a TV with the "Q Link" or "DATA LOGIC" logo, then the **Country** setting screen does not appear and download begins immediately.



- 3 **TV/VCR Auto Power On**  
(This function is only available when the VCR is connected to a TV with the "Q Link" or "DATA LOGIC" logo.)  
Even if the TV or VCR is in the standby mode, the TV and VCR will automatically turn on when one of the buttons (▶) (PLAY), SHOW VIEW, PROG./CHECK or MENU) is pressed.
  - When a tape with a broken erasure prevention tab is inserted into the VCR, the VCR starts up and automatically begins playback. The TV also turns on.

- 4 **VCR Auto Power Off**  
(This function is only available when the VCR is connected to a TV with the "Q Link" or "DATA LOGIC" logo.)  
Turning the TV off will also turn the VCR off. However, this operation works only when the VCR has been set to Rewind or Stop mode, or there is no tape inside.
  - If the Power Off command is received while the VCR is rewinding the tape, the VCR will not turn off until rewinding is completed.
  - This operation does not work when settings are being made. (Download, Auto Setup, Auto Clock Setting, Manual Search)

- 5 **TV On Screen Display Message**  
(This function is only available when the VCR is connected to a TV with the "Q Link" or "DATA LOGIC" logo.)  
With this function, VCR messages appear on the TV screen even in the TV mode.

### Message Conditions when message appears

This programme has already started  
Timer recording is starting.

**Note:**  
Depending on the TV, the message may not appear correctly.



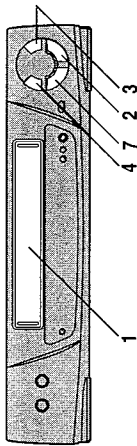
- When Downloading has finished, the lowest channel at which a broadcast can be tuned in is received.

### Notes:

- Download will only work when the VCR is connected to a TV with the "Q Link", "DATA LOGIC", "NEXTVIEWLINK", "Easy Link", "Megalogic", "SMARTLINK", or other logo using a fully-wired 21-pin scart cable. When this condition is not met, Auto Setup will be executed. (See page 16.)
- When Preset Download (Download from TV) has been executed, do not perform Manual Tuning described hereafter on page 31. This is because when the tuning contents for the TV are changed, this information is downloaded to the VCR again, possibly erasing the independent contents input by Manual Tuning.



# Playback



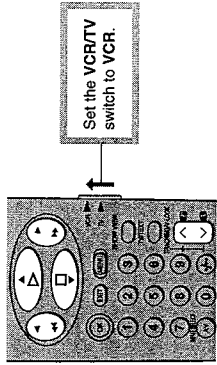
## Operations

### Display Symbols

- 1 Insert a recorded cassette tape.
- 2 Press **▷ (PLAY)** to start playback.
- 3 Tap **▶▶ (FAST FORWARD)** to search forward.
  - Press **▷ (PLAY)** to change back to normal playback.
- 4 Tap **◀◀ (REWIND)** to search backward.
  - Press **▷ (PLAY)** to change back to normal playback.
- 5 Press **PAUSE/SLOW** to view a still picture.
  - Press **▷ (PLAY)** or **PAUSE/SLOW** to continue normal playback.
- 6 Keep **PAUSE/SLOW** pressed for 2 seconds or more to view a slow motion picture.
  - Press **▷ (PLAY)** to continue normal playback.
- 7 Press **◻ (STOP)** to stop the picture.

**Note:** If you keep **▶▶ (FAST FORWARD)** or **◀◀ (REWIND)** pressed in step 3 or 4, search playback is activated while the button is pressed, and operation returns to normal playback when the button is released.

## Other Playback Functions



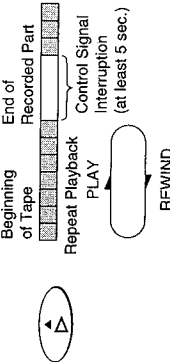
### To View the Video during Fast Forward or Rewind

Keep **▶▶ (FAST FORWARD)** pressed during fast forward.  
Keep **◀◀ (REWIND)** pressed during rewind.



### To Play Back the Recorded Part Repeatedly

Keep **▷ (PLAY)** pressed for 5 seconds or more. "R" appears on the On Screen display.



Press **◻ (STOP)** to cancel from Repeat Playback mode.

### To Eject the Video Cassette Using the Remote Controller

Keep pressing **◻ (STOP)** for at least 3 seconds.



### NTSC Playback (NV-HD630EG/IEC only)

Tapes recorded in the NTSC system can be played back with this VCR via a PAL system TV set.

- The playback picture may roll up or down. If the TV set is equipped with a V-HOLD control, it may be possible to stop the picture movement by adjusting this control.
- Depending on the TV set used, the picture may be in black and white. However, this is not a malfunction.

## Manual Tracking Adjustment / Vertical Locking Adjustment

Be sure that the VCR/TV switch is set to VCR.



For the tracking adjustment and vertical locking adjustment

- For manual tracking adjustment  
The **▽ (-)** and **△ (+)** buttons are used to adjust the tracking when, for example, noise bars on the picture during normal playback are better removed manually than by automatic digital tracking control. Press both buttons down at the same time to return to automatic digital tracking control.
- For slow tracking adjustment  
When noise bars appear during still or slow playback, switch over to slow playback and adjust with the **▽ (-)** or **△ (+)** button to reduce the noise bars.
- For vertical locking adjustment  
Use the **▽ (-)** and **△ (+)** buttons to minimize any vertical jitter during still picture playback.

## Automatic Playback

When a cassette without an erase prevention tab is inserted, the VCR starts playback automatically.

## Automatic Rewinding

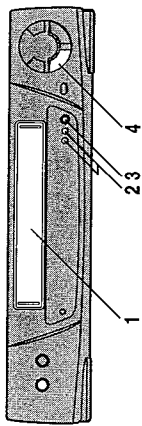
When the tape reaches the end during recording (except for timer recording) or playback, it will automatically be rewound to the beginning.

- During OTR, this function will not work.

## Notes:

- Audio reproduction of linear (conventionally recorded) tapes will be monaural when played back on the FM Hi-Fi video recorders.
- Cue, review or slow playback will be automatically cancelled after 10 minutes, and still playback after 5 minutes.
- In LP mode only:  
1. During any playback mode other than normal playback, the picture may have some noise bars, the colour may be unstable, or a black and white picture may appear.  
2. When playing back a tape which was recorded on another VCR, it may be necessary to adjust the Tracking Control. In some cases the picture quality may still be inferior. This is due to limitation of format.  
3. Depending on the TV set used, the playback picture may roll up or down during special playback (Pause, Cue, Review or Slow playback mode). However, this is not an indication of a malfunction.

# Manual Recording



## Operations

### 1 Insert a video cassette with an intact erasure prevention tab.

- If it has already been inserted, press **POWER** (⏻) to turn the VCR on.

### 2 Select the TV station using the **∇** and **∧** buttons.

- It is also possible to select by pressing the numeric buttons.
- Be sure that the **VCR/TV** switch is set to **VCR**.

### 3 Press **REC (REC/OTR)** to start recording.

### 4 Press **□ (STOP)** to stop recording.

### To select the Desired Tape Speed

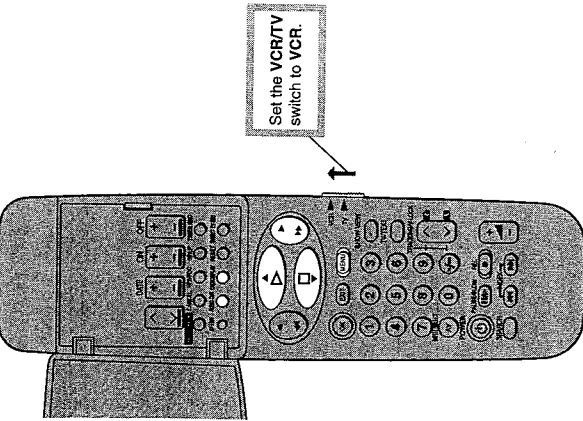
Press **SP/LP** before recording.

### To pause Recording

Press **PAUSE/SLOW** during recording. Press again to continue recording.

### To Record One TV Programme while Viewing Another Programme

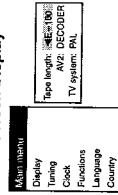
After step 3, change to the TV channel of the programme you want to view.



### To display the Approximate Remaining Tape Time

- 1 Select **Tape length** from the On Screen Display and select the corresponding cassette tape length. See page 38.

#### On Screen Display



- ◀ E-180: For E30, -60, -90, -120 and -180 tapes.
- E-195: For E195 tape.
- E-240: For E240 tape.
- E-260 ▶: For E260 and -300 tapes.

- 2 Press **OSD/DISPLAY** repeatedly until the Remaining Tape Time appears on the VCR display.

- ▶ Clock → Counter → Remaining Tape Time
- The remaining tape time may not be displayed correctly for some tapes.

## Recording of Stereo and Bilingual Programmes

- 1 Recording is automatically made in the stereo or bilingual mode. This prevents errors in the selection of the dubbed or the original language.
- 2 During playback press **AUDIO OUT** to select the desired sound mode. See page 7.

### Notes:

- When a video cassette with a broken-off tab is inserted, the **REC** indication will flash to indicate that recording is not possible.
- The recording pause mode will be automatically cancelled after 5 minutes and return to the stop mode.

## The NICAM Broadcast System (NV-HD630EC only)

NICAM is a 2 Channel sound broadcast system to provide either a high quality stereo sound track or 2 independent MONO sound tracks, M1 and M2.

- NICAM programmes are always accompanied by standard sound broadcasts and you can select the desired sound with **AUDIO OUT** during playback.
- The NICAM digital stereo sound can only be recorded on the Hi-Fi audio track.
- To record the regular sound (ordinary normal sound) on the FM audio tracks when a Stereo, Bilingual or NICAM programme is received, select **Mono ON** during manual tuning procedure. See page 32.

### Important Note for the NICAM System

When NV-HD630EC is switched on, the tuner will automatically switch to a NICAM broadcast, if NICAM is being transmitted. During test transmissions, it is possible that the sound received doesn't correspond to the picture being viewed. In order to receive a synchronized sound and picture, select monaural sound with **AUDIO OUT** or **Mono ON** setting. This will only apply until NICAM transmissions are fully operational. Even if the sound track is in MONO, the stereo indicator will appear.

# Timer Recording

## Timer Recording

This function allows you to record programmes automatically.

There are two ways to record programmes: ShowView programming, where you enter the ShowView number, and On Screen Display recording, where you enter the recording information yourself while viewing the On Screen Display.

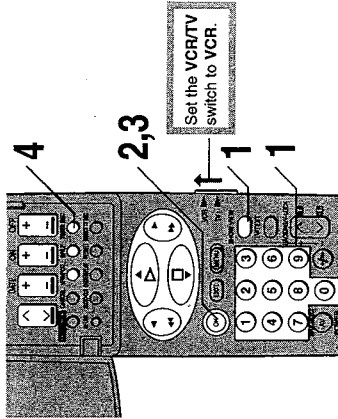
## ShowView Programming

Programming is now easier than ever: simply enter the ShowView number provided in the programme schedule carried by newspapers and magazines. ShowView numbers are numbers which are assigned to each programme listed in the TV programme schedule carried in newspapers and TV guides. When these numbers are entered and OK is pressed, the numbers are converted to the actual programming.

ShowView is a trademark applied for by General Development Corporation. The ShowView system is manufactured under license from General Development Corporation.

## Preparations

- Insert a video cassette with an intact erasure prevention tab.
- Confirm that the TV is on and the VCR viewing channel is selected.

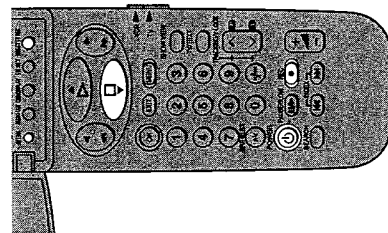


Follow the on screen operation guide.

## Operations

- 1 Press **SHOW VIEW** and then enter a ShowView number using the numeric buttons.

Example: 920126  
 • Be sure that the VCR/TV switch is set to VCR.



## Direct TV REC

This function allows you to immediately record the program you are watching on the TV at the moment by simply pressing **DIRECT TV REC**. However, this function works only when this VCR is connected to a TV with the "Q Link", "DATA LOGIC", "NEXTVIEWLINK", "Easy Link", "Megalogic", "SMARTLINK", or other logo using the fully-wired 21-pin scart cable.

## Preparation

Insert a video cassette with an intact erasure prevention tab.

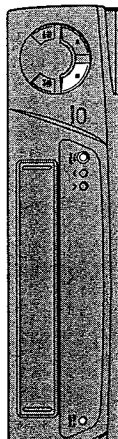
## Operation

When you are watching TV and you want to record the programme immediately, press **DIRECT TV REC**. The recording will start.

- It is not necessary to adjust the programme position of your VCR to the TV station that you are watching now.

## Notes:

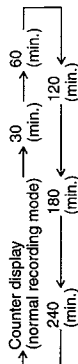
- Even if the programme positions are not the same, the programme position of the VCR switches to the same position of the TV. When recording is finished, the programme position of the VCR returns to the previous position.
- Do not press **AV LINK** during Direct TV REC.
- Recording may not be performed normally.
- In some cases, it may not be possible to change the TV channel during Direct TV REC.
- Check beforehand whether the tape may be used for recording.



## One-Touch Recording (OTR)

This function only works using the REC/OTR button on the VCR main unit.

After you start recording, you can use this function to stop recording automatically when the programme is finished (useful for recording when you are out). Simply set the recording duration by pressing **REC/OTR** repeatedly. The duration indicated on the VCR display changes by pressing **REC/OTR** as follows:



## Preparation

Insert a video cassette with an intact erasure prevention tab.

## Operations

- 1 Ready the video source which is to be recorded, and start recording.
- 2 Press **REC/OTR** repeatedly to select the desired recording duration.
  - The VCR will automatically switch off when OTR is completed. To turn the VCR on again, press **POWER** (⏻).

## Notes:

- The OTR function works during normal recording or Direct TV REC.
- When the tape reaches the end during OTR, the VCR will turn itself off.
- To stop OTR at any time, press **□ (STOP)** or **POWER** (⏻).

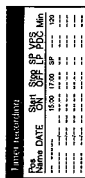
- The ShowView number that you entered also appears on the VCR display.
- If you have entered the wrong ShowView number, repeat step 1 with the correct ShowView number.

## 2 Press OK.



- The Programming data that you entered also appears on the VCR display.
- To extend the ending time or to make any corrections, use **▲ ▼ ◀ ▶ ↵ DATE ON, OFF, SPLP** or **VPS/PDC**.
- See page 27 for **VPS/PDC** recording.

If "—" appears in the programme position: Use **▲** or **▼** to select the programme position of your VCR which receives the required TV station.



- A message appears on the On Screen Display for the first few seconds.
- **□** flashes as a warning on the VCR display. Once programming is performed after the programme position has been selected here, the guide channel will be automatically stored so that the correct position will appear when the ShowView code for this station is next entered.

## 3 Press OK for confirmation.

## 4 Press TIMER REC to activate timer recording.

- Check that **□** is lit on the VCR display. If it is flashing, check the timer recording details again. (See page 26.)

## Notes:

- To cancel standby mode, press **TIMER REC**.
- When the ShowView number is used for programming, the recording time may be slightly longer than the actual programme time.
- When programming the recording of two or more programmes, repeat steps 1-3.
- The procedures for checking, modifying and cancelling a timer programme are the same as on page 26.

## Using On Screen Display

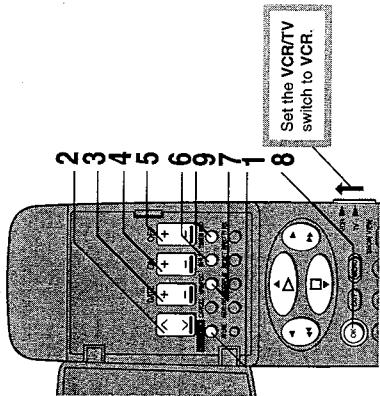
Up to 8 timer programmes can be recorded up to one month in advance by setting the timer, including weekly and daily programmes.

### Preparations

- Insert a video cassette with an intact erasure prevention tab.
- Confirm that the TV is on and the VCR viewing channel is selected.

**For Example:**

Programme position (channel): 2  
 Starting time: 20:00  
 Ending time: 21:30  
 (Present date: 16th October)



Set the VCR/TV switch to VCR.

Follow the on screen operation guide.

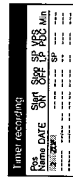
### Operations

#### 1 Press PROG./CHECK.

- Be sure that the VCR/TV switch is set to VCR.

#### 2 Set the programme position (channel) to "2".

- As an alternative method, after pressing  $\blacktriangledown$  you can use  $\blacktriangle$ .



#### 3 Set the date to "27/10".



#### 4 Set the starting time to "20:00".



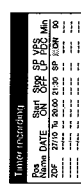
#### 5 Set the ending time to "21:30".



#### 6 Select the desired Tape speed (SP/LP).



#### 7 Set VPS/PDC to ON or OFF (---).



#### 8 Press OK for confirmation.

#### 9 Press TIMER REC to activate timer recording.

- When the On Screen Display for programming timer recording turns off, the recording information is automatically sorted in the order of recording start times.
- Check that  $\square$  is lit on the VCR display. If it is flashing, check the timer recording details again. (See page 26.)

**Note:**  
To cancel from the standby mode, press **TIMER REC.**

## Checking a Timer Programme

Confirm that the TV is on and the VCR viewing channel is selected.

#### 1 Press PROG./CHECK.

- Be sure that the VCR/TV switch is set to VCR.
- The On Screen Display may be distorted in the VPS/PDC recording standby mode.

#### 2 Press PROG./CHECK or EXIT to exit the On Screen Display.



## Modifying a Timer Programme

- During timer recording, this operation will not work.
- Confirm that the TV is on and the VCR viewing channel is selected.

#### 1 Press PROG./CHECK.

- Be sure that the VCR/TV switch is set to VCR.



#### 2 Select the desired timer programme.

- 3 Modify the programme, following the method described in steps 2-7 on page 26.

#### 4 Press OK.

- 5 Press PROG./CHECK or EXIT to exit the On Screen Display.

## Cancelling a Timer Programme

- During timer recording, this operation will not work.
- Confirm that the TV is on and the VCR viewing channel is selected.

#### 1 Press PROG./CHECK.

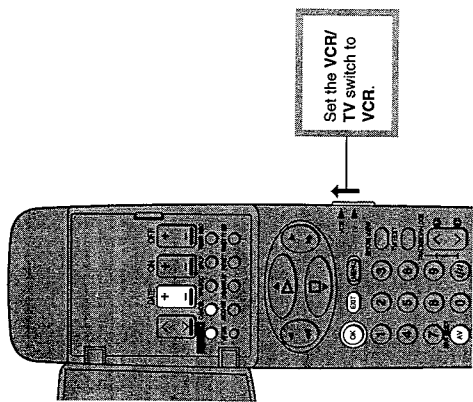
- Be sure that the VCR/TV switch is set to VCR.



#### 2 Select the desired timer programme.

#### 3 Press CANCEL.

#### 4 Press PROG./CHECK or EXIT to exit the On Screen Display.



Set the VCR/TV switch to VCR.

## Weekly Timer Recording

In step 3, select the desired day by pressing **DATE (-)**.  
 (Su=Sunday, Mo=Monday, Tu=Tuesday, We=Wednesday, Th=Thursday, Fr=Friday, Sa=Saturday)

## Daily Timer Recording

For this timer function, several groups of days can be selected.

- Ⓐ Daily recording from Monday to Friday (Mo-Fr)
- Ⓑ Daily recording from Monday to Saturday (Mo-Sa)
- Ⓒ Daily recording from Sunday to Saturday (Su-Sa)

In step 3, select the desired days by pressing **DATE (-)**.

## Timer Recording from External Signal Source

If Timer Recording is performed by a unit connected to AV1 (TV) or AV2(DECODER/EXT), select A1 or A2 for the programme position.

A1: Through the AV1 (TV) socket.

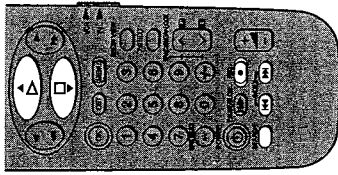
A2: Through the AV2 (DECODER/EXT) socket.

- It is also possible to select by pressing **INPUT SELECT.** Be sure that the VCR/TV switch is set to VCR.

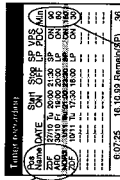
## Setting other Programmes

Repeat steps 2-8.

# Search Functions



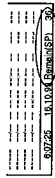
- Notes:**
- If timer recording does not reach the end (due to insufficient tape or cancellation by the user), the programmed timer recording data will be erased from the memory by 4 a.m. the next day.
  - Either the position number or the station name is displayed here.



- For daily and weekly timer recording, the recording time for only one recording session is displayed.

## Checking the remaining tape time

- This displays the remaining time for the inserted tape.



Remaining time indicator

- This indicator is not displayed unless the remaining tape time has already been indicated on the VCR display. Refer to page 22.

## VPS (Video Programme System)/PDC (Programme Delivery Control)

The Video Programme System (VPS) or the Programme Delivery Control (PDC) is a very convenient system which assures that the TV programmes you have programmed for timer recording will be recorded exactly from beginning to end, even if the actual broadcasting time differs from the scheduled time due to delayed start or extension of the programme duration. Also, if a programme is interrupted and, for example, some special news is inserted, the recording will also be interrupted automatically and resumed when the programme continues.

Depending on the signals sent from the broadcasting stations, the VPS/PDC system may not operate properly even when VPS/PDC has been set to ON. Please check with the broadcasters in your area for details.

- In the case of VPS/PDC recording, use the correct time (VPS/PDC time) for recording the TV programmes. Set VPS/PDC to OFF when the recording time is not the correct time (VPS/PDC time).
- VPS/PDC recording is not performed when the time (VPS/PDC time) is incorrect, even if only by one minute. To find out the correct time (VPS/PDC time), consult Teletext, a newspaper or magazine, or other source.

- If the actual broadcasting times of timer recordings overlap (regardless of whether they are VPS/PDC controlled), the recording that starts first always has priority, and the recording of the later beginning programme will start only after the first timer recording has finished.
- When the VPS/PDC signal drops out because the broadcast signal is weak, or when a broadcasting station does not transmit a regular VPS/PDC signal, the timer recording will be performed in the normal mode (without VPS/PDC) even if it was programmed for VPS/PDC. In this case, even if the timer recording is performed, whatever has been programmed will not be cancelled at that particular time but at 4 a.m. on the following day.
- The start times of scheduled programmes listed in the newspaper or magazine may be changed at a later date. Set VPS/PDC to OFF when programming a programme whose start time has been subsequently changed. Particular care must be taken in this respect with ShowView programming since VPS/PDC is automatically set to ON in some countries.
- If a programme listed in a newspaper or magazine has two ShowView numbers, use the ShowView number for VPS/PDC if you wish to proceed with VPS/PDC recording using ShowView programming.
- The default settings for VPS/PDC differ depending on the country concerned. Refer to the table below.

Programming method	ShowView program- ming	Changes in ShowView program- ming start time	Non- ShowView program- ming
Selected Country			
France, Belgium, Netherlands, Sweden, Denmark, Finland, Norway	ON	OFF	OFF
Germany, Switzerland, Austria, Other Countries	ON	ON	ON
Italy, Spain, Portugal	OFF	OFF	OFF

- "—" appears for the VPS/PDC item at the outset if the broadcasting station is not transmitting VPS/PDC signals.

## Searching while checking the video cassette contents (Intro-Jet Scan)

The approximate beginning of each recorded programme is played in succession at high speed so that the programme to be viewed can be located easily.

### Preparations

- Confirm that the TV is on and the VCR viewing channel is selected.
- Load the pre-recorded video cassette.

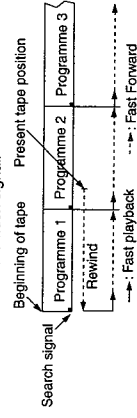
### 1 Press SEARCH.

(This operation is performed while the VCR is OFF or while the VCR is on in stop mode or normal playback mode.)

### On Screen Display



- The tape is rewound to the start and played for about 10 seconds at high speed. The VCR is then fast forwarded. At each index signal, the VCR starts forward search for 10 seconds and then repeats fast forward to the next index signal.



- 2 When the programme to be viewed is reached, press  $\triangleright$  (PLAY).

- Normal playback now commences.

### To stop the operation at any time

Press  $\square$  (STOP).

### Notes:

- This function may not work properly when recorded programmes run for 15 minutes or less.
- If the timer recording is completed and the video cassette is neither ejected nor replaced with another one, pressing SEARCH does not activate the Intro-Jet Scan function, but the programme list search function instead. (See page 29.)

## VHS Index Search System

It is easy to find the beginning of each recording because a special index signal is recorded at the start of each recorded segment on the tape.

### For example:

Searching for the 2nd recorded segment in the forward direction.

Press INDEX  $\blacktriangleright$  twice.

(This operation is performed while the VCR is in the stop mode or normal playback mode.)

### Display Symbols



- After finding the specific recorded segment, playback starts automatically.

- For the reverse direction, press INDEX  $\blacktriangleleft$ .

- Up to 20 index signals can be searched for in either direction.

- When the opposite INDEX is pressed, the number shall be decreased until 1 is reached.

- The figure on the display is reduced by 1 each time an index signal is located.

- The INDEX search function can only work correctly if the index signals are spaced at least 5 minutes apart.

### Recording Index Signals

Index signals are recorded in the following cases.

- When a recording is started by pressing REC/OTR.

- When timer recording is activated.

- When REC on the remote controller is pressed during recording.

# Editing

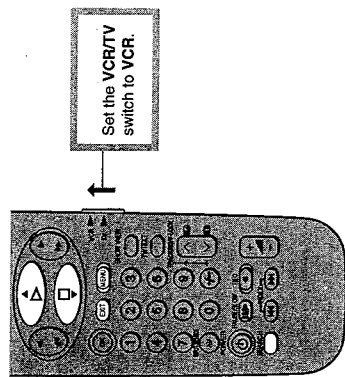
## Searching Timer-Recorded Programmes (Programme List Search)

When timer programmes are recorded by this VCR, the VCR stores the programming details, and the programmes are selected and searched for by the programme list search function.

This function cannot be used for recordings made with normal recording and one-touch recording (OTR).

### Preparations

- Confirm that the TV is on and the VCR viewing channel is selected.
- Cancel standby for timer programme recording.



## Displaying the PROGRAMME LIST SEARCH Screen



- 1 Press **SEARCH**.
- 2 Select the desired programme.
- 3 Press **SEARCH** once more to start searching for the selected programme. Playback starts when the beginning of the programme is found.

The details of the timer-recorded programmes on this video cassette are displayed on the PROGRAMME LIST SEARCH screen in the sequence in which the programmes were recorded.

## To stop the search at any time

Press **EXIT** or **MENU**.

### Notes:

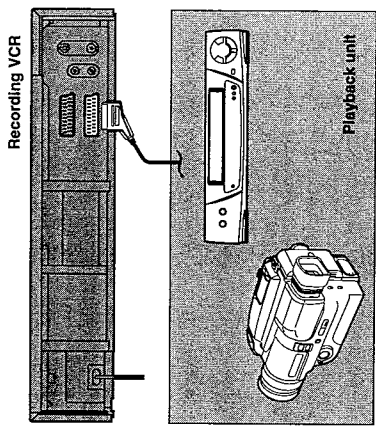
- This function does not work during timer recording standby mode.
- This function works only for video cassettes containing timer-recorded programmes.
- Since this function works only for the currently loaded video cassette, all the programming list details will be cleared when the video cassette is ejected or replaced with another one. In such cases, use the VHS index search system or the Intro-Jet Scan function. (See page 28.)
- The programme list search function may not work properly when recorded programmes run for 15 minutes or less.
- Ensure that **Tape length for Functions on the Main menu** is set correctly. Otherwise, this function will not operate correctly.
- When **SEARCH** is pressed during playback, playback is stopped immediately, and the PROGRAMME LIST SEARCH screen appears.
- Up to 8 programmes can be displayed on the PROGRAMME LIST SEARCH screen. If the timer is used to record more than 9 programmes, the oldest programme will be deleted on the PROGRAMME LIST SEARCH screen, and a new timer-recorded programme will be entered and displayed.
- This function may not work properly depending on the tape position when you press **SEARCH**.
- This function may not work properly when for example, you try to record over a programme with another programme that is timer-recorded on the same portion of the tape.

## Assembly Editing

This function can be used to make an edited tape from other recordings or video sources. A new scene can be added to the end of a previous one.

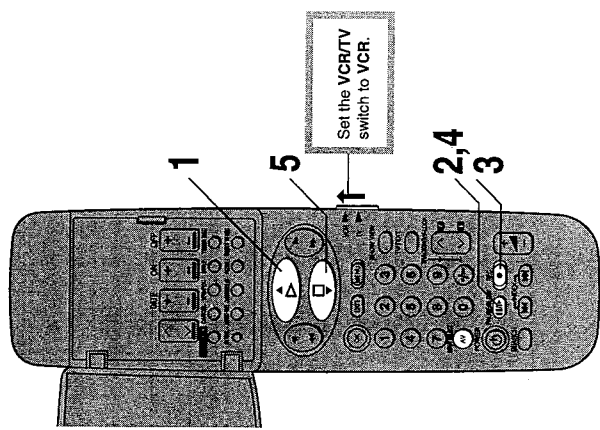
### Preparations

- Connect a movie camera or another VCR to this VCR as shown.
- Insert a recorded cassette tape with an intact erasure prevention tab.
- Select the video source by pressing **INPUT SELECT** to set A1 or A2. Be sure that the **VCR/TV** switch is set to **VCR**. A1: Through the AV1 (TV) socket. A2: Through the AV2 (DECODER/EXT) socket.



### Operations

- 1 Search for the end of the previous recording using **▷ (PLAY)**.
- 2 Press **PAUSE/SLOW**.
- 3 Press **REC (REC/OTR)** to switch the VCR from pause mode to recording standby mode.
- 4 Press **PAUSE/SLOW** again to start the new recording.
- 5 Press **□ (STOP)** to stop recording.



### Note:

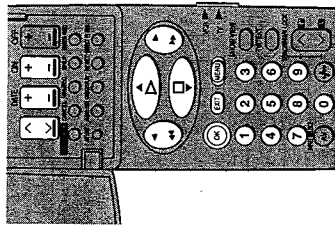
The new sound will be recorded on both the normal and Hi-Fi sound tracks, only monaural sound recording is possible on the normal sound tracks.

# Storing TV Stations into your VCR

The VCR is fitted with its own tuner (just like a normal TV set) and can be pre-set to receive up to 99 TV broadcast stations. If VCR is not correctly tuned by Auto setup, follow the procedure below.

## Preparations

- Confirm that the TV is on and the VCR viewing channel is selected.
- Turn on the VCR.



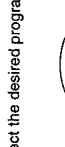
## Manual Tuning Procedure

Follow the on screen operation guide.

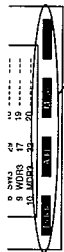
### When deleting stations, adding "blank" positions and changing (moving) the programme position:

These indications do not appear on the screen after performing Preset Download (Download).

- 1 Press MENU and select Tuning.
- 2 Select Manual.
- 3 Select the desired programme position.



- 4 Follow the steps indicated below.



- Indications**
- Delete:** Press  $\nabla$  (red) to delete the station.  
**Add:** Press  $\blacktriangleright$  (green) to add a blank position  
**Move:** Press  $\rightarrow$  (yellow) to change (move) the programme position.
- The blue indication represents no function.
  - These indications do not appear after performing Preset Download (Download).

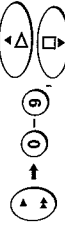
- 5 Press OK, and then press EXIT.

### Changing the Programme Position (Pos)

Follow 1 to 3 in the first procedure.

- 4 Press OK and then select Pos.

- Be sure that the VCR/TV switch is set to VCR.



- 5 Press OK to confirm.

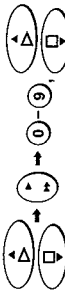
- 6 Press MENU, and then press EXIT.

### Changing the Channel (Channel)

Follow 1 to 3 in the first procedure.

- 4 Press OK and then select Channel.

- Be sure that the VCR/TV switch is set to VCR.



- 5 Press OK to confirm.

- 6 Press MENU, and then press EXIT.

### Changing the Station name (Name)

Follow 1 to 2 on page 31.

- 3 Select the station(s) name \*□□□□. Establish which channel you are viewing by checking your TV Guide/News paper.



- "□" indicates the position number or station name. This is the same as steps 4 and 5.

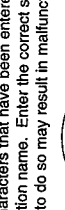
- 4 Select Name.



Enter characters into all five \*□□□□ positions from the table using the arrows and press OK after each character. Use a blank space if required. To enter a blank, select the area between Z and \*.

- To cancel during entry, press EXIT.

The characters that have been entered will remain as the station name. Enter the correct station name as failure to do so may result in malfunctioning.



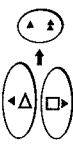
- 5 Press MENU. If any other station names are marked \*□□□□, repeat steps 3-5.

- 6 Press EXIT.

### Fine Tuning

Follow steps 1 to 3 on page 31.

- 4 Press OK and then select Fine Tuning.



- 5 Press  $\blacktriangle$  or  $\blacktriangledown$  to obtain the best tuning condition.

- To return the tuning to its former state (AUTO), press  $\blacktriangleright$ .

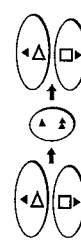
- 6 Press OK to confirm.

- 7 Press MENU, and then press EXIT.

### Decoder

Follow steps 1 to 3 on page 31.

- 4 Press OK and then select Decoder ON or Decoder OFF.



- 5 Press OK to confirm.

- 6 Press MENU, and then press EXIT.

### Changing the Video System (Video system)

Follow steps 1 to 3 on page 31.

- 4 Press OK and then select Video system.

PAL: For receiving PAL signal.

MESECAM: For receiving SECAM signal.



- 5 Press OK to confirm.

- 6 Press MENU, and then press EXIT.

### Changing the Recording Sound (Mono) (NV-HD630EC only)

Follow steps 1 to 3 on page 31.

- 4 Press OK and then select Mono OFF.

- Select Mono ON to record the normal sound during a stereo, bilingual or NICAM broadcast or if the stereo sound is distorted due to inferior reception conditions.



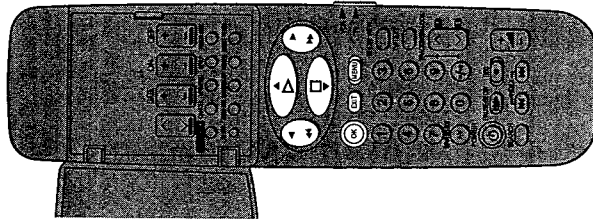
- 5 Press OK to confirm.

- 6 Press MENU, and then press EXIT.

# Setting the Clock of your VCR

The built-in clock is used to activate the timer for automatic recording and must be set to the correct time. The built-in digital clock employs the 24-hour system. If VCR is not correctly set by Auto setup, follow the procedure below. The clock backup system operates for at least 60 minutes in the event of power failure.

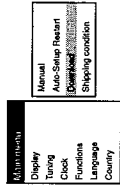
- Preparations**
- Confirm that the TV is on and the VCR viewing channel is selected.
  - Turn on the VCR.



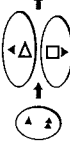
## Download

To perform downloading again, follow the procedure below in the stop mode.

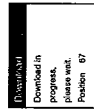
- 1 Press **MENU** and select **Tuning**.



- 2 Select **Download** and press **OK**.



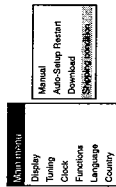
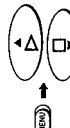
- 3 Press **OK** again.



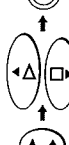
## Shipping Condition

if you want to return the VCR to the factory-preset condition, follow the procedure below.

- 1 Press **MENU** and select **Tuning**.



- 2 Select **Shipping condition** and press **OK**.



- 3 Press **OK** twice.

**Note:**  
To re-tune the VCR, disconnect and then reconnect the mains lead.

- Notes:**
- When channels have been set with manual tuning, the channel position will need to be entered the first time ShowView is used.
  - When Preset Download (Download) has been executed, do not perform Manual Tuning. This is because when the tuning contents for the TV are changed, this information is downloaded to the VCR again, possibly erasing the independent contents input by Manual Tuning.

## Channel Plan

Channel Indication	Germany/Italy	TV Channel	Other Countries
2-12	*E2-E12	E2-E12	—
13-20	A-H	—	—
21-69	(Only Italy)	21-69	21-69
74-78	S01-S05	S1-5	S1-5
80-82	S1-S3	M1-M3	M1-M3
83-89	S4-S10	M4-M10	M4-M10
90-99	S11-S20	U1-U10	U1-U10
121-141	—	—	—
Hyperband	**S21-S41	S21-S41	S21-S41

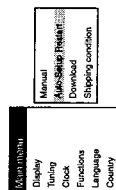
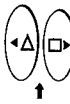
\*In Italy: H1...(11), H2...(12)

\*\*Only for 8 MHz channel raster

## Auto-Setup Restart

When your address changes, follow the procedure below.

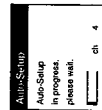
- 1 Press **MENU** and select **Tuning**.



- 2 Select **Auto-setup Restart** and press **OK**.

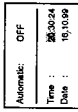


- 3 Press **OK** again.



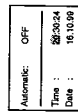
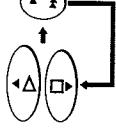
- 2 Check that the **Automatic setting is OFF**, then press **OK**.

- If the setting is **ON** when you open the On Screen Display, do not turn it **OFF**, as then you will not be able to set the time automatically.



- 3 Set **Time and Date**.

- Press **←** to return to the previous item.



- 4 Press **OK** to confirm.

- 5 Press **EXIT**.

**Note:**

When the Automatic setting is **OFF** and the Power save setting is **ON**, the time may become incorrect. If this happens, reset it following the method described above.

## Automatic Clock Setting

When "Automatic" is set to **ON**, the automatic time correcting function is activated every day.

The automatic time correcting function is only activated when the power is off.

When the Power save setting is **ON** when the power is off, this function will not work. In this case, set the time automatically immediately after turning on your VCR. This function is not activated during timer recording standby mode.

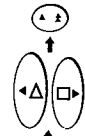
## Manual Clock Setting

Follow the on screen operation guide.

### Operations

- 1 Press **MENU**, and then select **Clock**.

On Screen Display





# Settings Using On Screen Display

The VCR indicators shown on the TV screen are known as the On Screen Display (OSD). This VCR allows many settings to be made at the OSD.

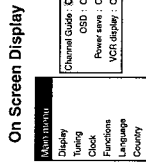
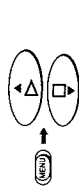
## Preparations

- Confirm that the TV is on and the VCR viewing channel is selected.
- Turn on the VCR and TV.

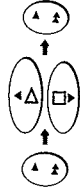
## Display

### Channel Guide

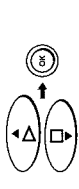
- 1 Press **MENU**, and then select **Display**.



- 2 Select **Channel Guide**.



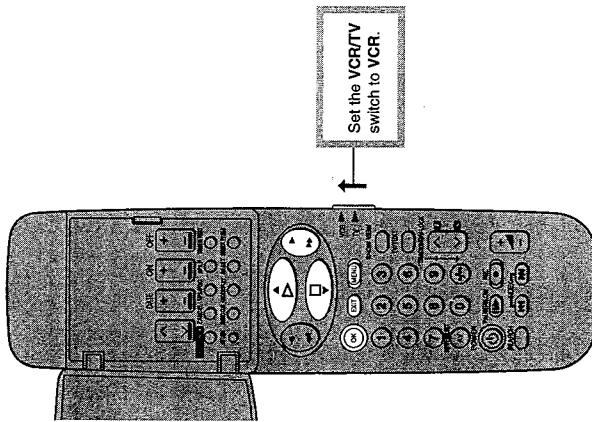
- 3 Select **ON** or **OFF**.



**ON:** The Channel Guide will appear for a few seconds each time the channel is changed with **(E.T.V)** **(E.A)**.

**OFF:** The Channel Guide will not appear.

- 4 Press **EXIT** to exit the On Screen Display.



## 4 Audio Output Mode Indicators

The Left (L) and Right (R) Indicators show which sound mode is selected with **AUDIO OUT** (see page 7).

**Stereo:** Both the L and R Indicators appear.

**Left:** The L Indicator appears.

**Right:** The R Indicator appears.

**Normal:** Both the L and R Indicators don't appear.

## 5 Tape speed Indicator

## 6 Tape running display

Stop, Eject	□
Rewind	◀▶
Fast Forward	▶▶
Playback	▶
Recording	●
Repeat Playback	R

## 7 Present time/Tape counter/Remaining tape time/ Index Search/One-Touch Recording (OTR)

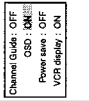
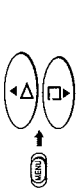
Present time	17:24:31
Tape counter	-2:35:47
Remaining tape time	REMAIN 2:34
Index Search	▶▶ 02
One-Touch Recording (OTR)	OTR 60

### Notes:

- When the item "OSD" is set to **OFF**, the On Screen Display will not appear.
- When the AV position has been selected or during playback, the On Screen Displays **(1)**, **(2)**, **(3)** do not appear.
- The On Screen Display does not appear during special playback.

## OSD

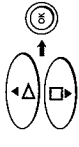
- 1 Press **MENU**, and then select **Display**.



- 2 Select **OSD**.



- 3 Select **ON** or **OFF**.

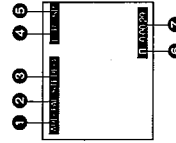


**ON:** The On Screen Display will appear on the TV screen.

**OFF:** The On Screen Display will not appear.

- 4 Press **EXIT** to exit the On Screen Display.

To use the **On Screen Display**:



- 1 TV station

- 2 TV system

- 3 STEREO or BILINGUAL Indicator

(NV-HD630/628EG)

When receiving a TV programme, the type of sound system in which it is broadcast is automatically indicated.

**STEREO, M1 and M2 Indicator (NV-HD630EG)**

When receiving a TV programme with the Stereo, Bilingual or NICAM sound system, the type of sound system in which it is broadcast is automatically indicated.

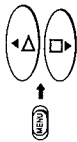
**STEREO:** When receiving a Stereo/NICAM stereo broadcast.

**M1/M2:** When receiving a Bilingual/NICAM dual-sound broadcast.

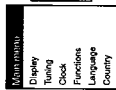
**M1:** When receiving a NICAM monaural broadcast.

### Power save

- 1 Press **MENU**, and then select **Display**.



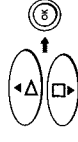
### On Screen Display



- 2 Select **Power save**.



- 3 Select **ON** or **OFF**.



**ON:** This setting conserves power when the VCR is off.

- The **VCR display** settings are automatically set to **OFF**.
- To turn on the VCR, keep **POWER** pressed on the **VCR main unit**. You cannot turn it on using **POWER** on the remote controller.
- The Power save function will work only in the normal standby mode. It will not operate in the Timer standby mode. After recording all programmes and erasing all programmed data, the VCR will go into Power save mode.
- When the **Power save** setting is **ON**, the scrambled signal cannot be watched because the decoder cannot be used.

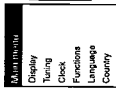
**OFF:** This setting does not conserve power when the VCR is off.

- 4 Press **EXIT** to exit the On Screen Display.

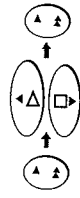
### VCR display

This setting is activated only when the **Power save** setting is set to **OFF**.

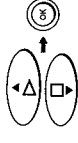
- 1 Press **MENU**, and then select **Display**.



- 2 Select **VCR display**.



- 3 Select **ON**, **OFF** or **DIMMED**.



**ON:** When VCR is turned off, the characters are lit in the VCR display.

**OFF:** When VCR is turned off, the characters are not lit in the VCR display.

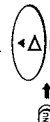
**DIMMED:** When VCR is turned off, the characters are dimmed in the VCR display.

- 4 Press **EXIT** to exit the On Screen Display.

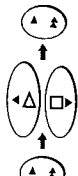
## Functions

### Tape length

- 1 Press **MENU**, and then select **Functions**.



- 2 Select **Tape length**.



- 3 Select the corresponding cassette tape length for displaying the Approximate Remaining Tape Time.



- **E-180:** For E30, -60, -90, -120 and -180 tapes.
- **E-195:** For E195 tape.
- **E-240:** For E240 tape.
- **E-260:** For E260 and -300 tapes.

• The times displayed may differ depending on the tape used.

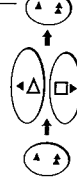
- 4 Press **EXIT** to exit the On Screen Display.

### AV2

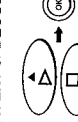
- 1 Press **MENU**, and then select **Functions**.



- 2 Select **AV2**.



- 3 Select **EXT** or **DECODER**.



**EXT:** When another VCR is connected to the AV2 (DECODER/EXT) socket.  
**DECODER:** When the decoder is connected to the AV2 (DECODER/EXT) socket.

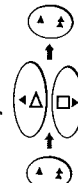
- 4 Press **EXIT** to exit the On Screen Display.

### To set the Colour TV System (TV system)

- 1 Press **MENU**, and then select **Functions**.



- 2 Select **TV system**.



- 3 Select **PAL** or **MESECAM**.

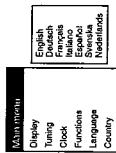


- Set according to the colour TV system used during playback or external recording.

- 4 Press **EXIT** to exit the On Screen Display.

## Language

- 1 Press **MENU**, and then select **Language**.



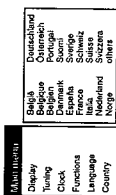
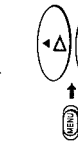
- 2 Select the desired language.



- 3 Press **EXIT** to exit the On Screen Display.

## Country

- 1 Press **MENU**, and then select **Country**.



- 2 Select the desired country.



- 3 Press **EXIT** to exit the On Screen Display.

## SECTION 2 ADJUSTMENT PROCEDURES

### 2-1. DISASSEMBLY METHOD

#### 2-1-1. DISASSEMBLY FLOW CHART

This flow chart indicates disassembly steps of the cabinet parts and the circuit boards in order to find the necessary items for servicing.

When reassembling, perform the steps in the reverse order.

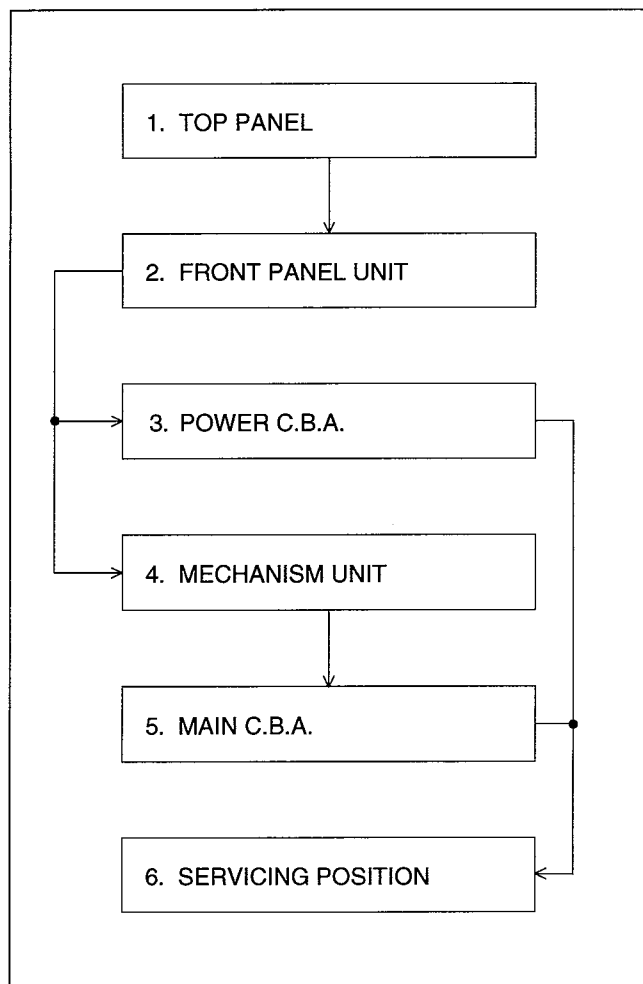


Fig. D1

#### 2-1-2. DETAIL OF DISASSEMBLY METHOD

##### 1. REMOVAL OF THE TOP PANEL

Remove..... 4 Screws (A)

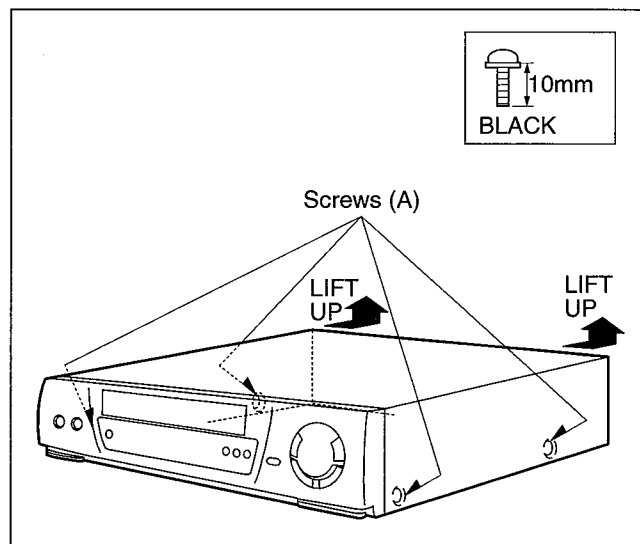


Fig. D2

##### 2. REMOVAL OF THE FRONT PANEL UNIT

Unlock ..... 7 Tabs (B)

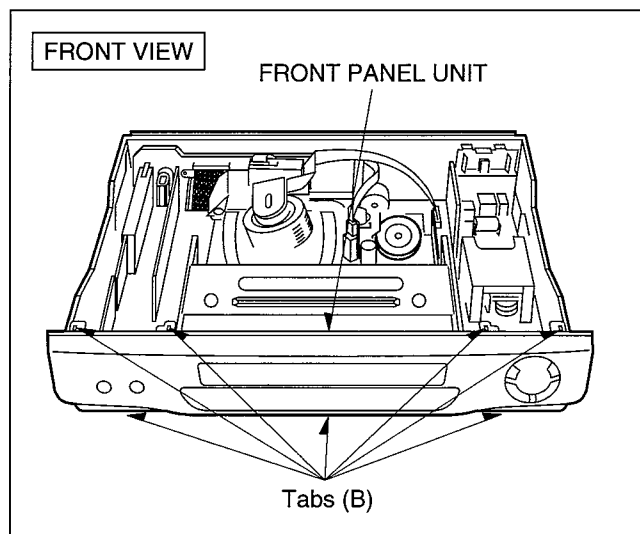


Fig. D3

### 3. REMOVAL OF THE POWER C.B.A.

Disconnect.....Bridge Connector (C)  
 Unlock..... 6 Tabs (D)

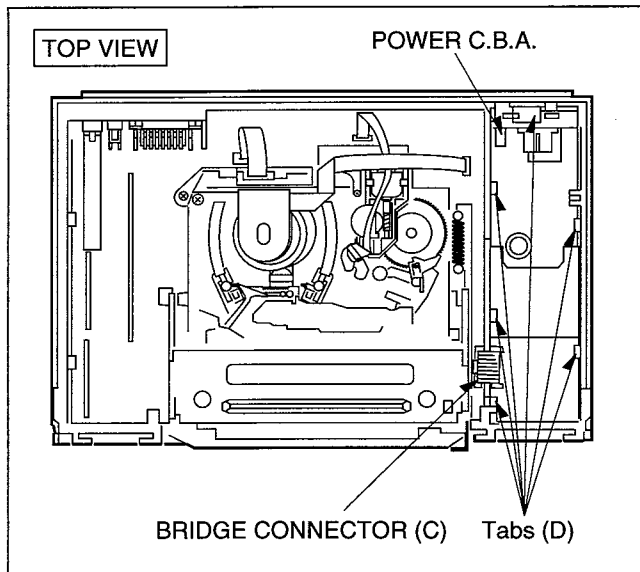


Fig. D4

### 4. REMOVAL OF THE MECHANISM UNIT

Remove ..... 3 Screws (E)  
 Remove ..... 2 Screws (F)

Note: Keep pressing 2 stoppers on Cassette Holder Plate and Press Cassette Holder Plate to the rear.

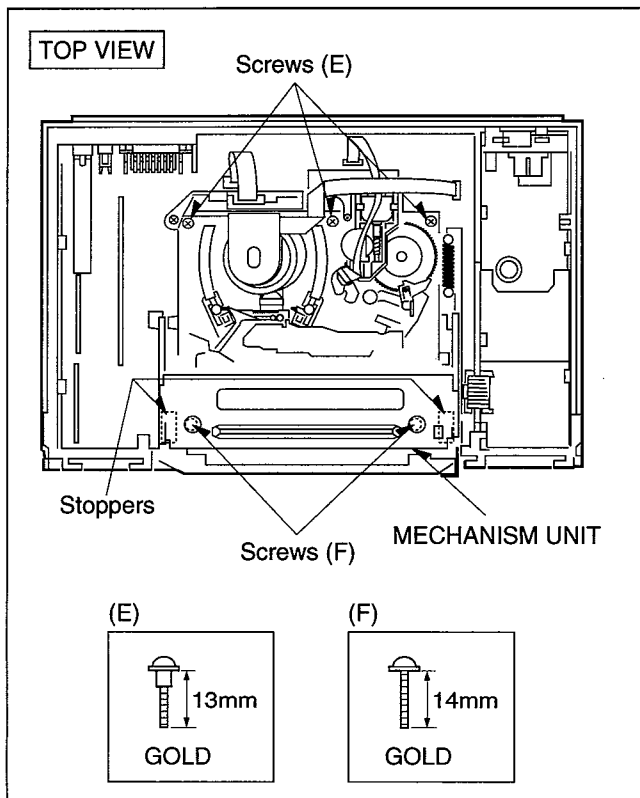


Fig. D5

### 5. REMOVAL OF THE MAIN C.B.A.

Disconnect.... Bridge Connector (C)  
 Remove ..... Screw (G)  
 Unlock..... 7 Tabs (H)

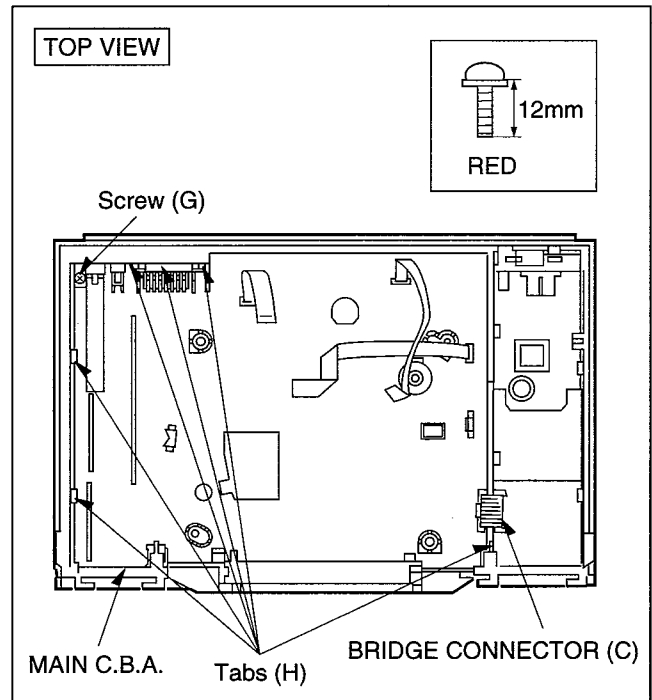


Fig. D6

### 6. SERVICING POSITION

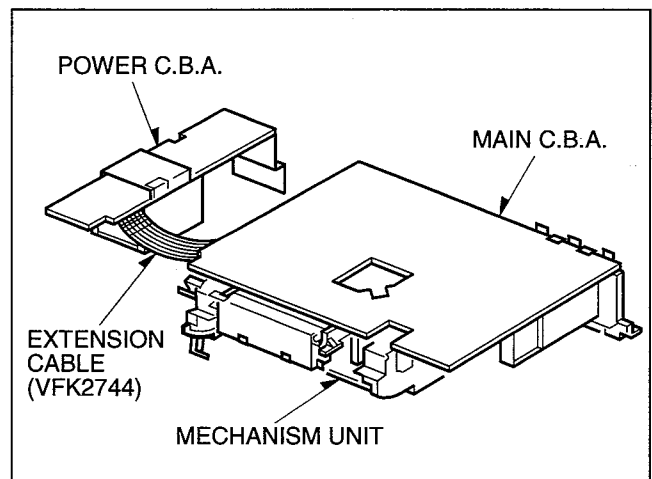
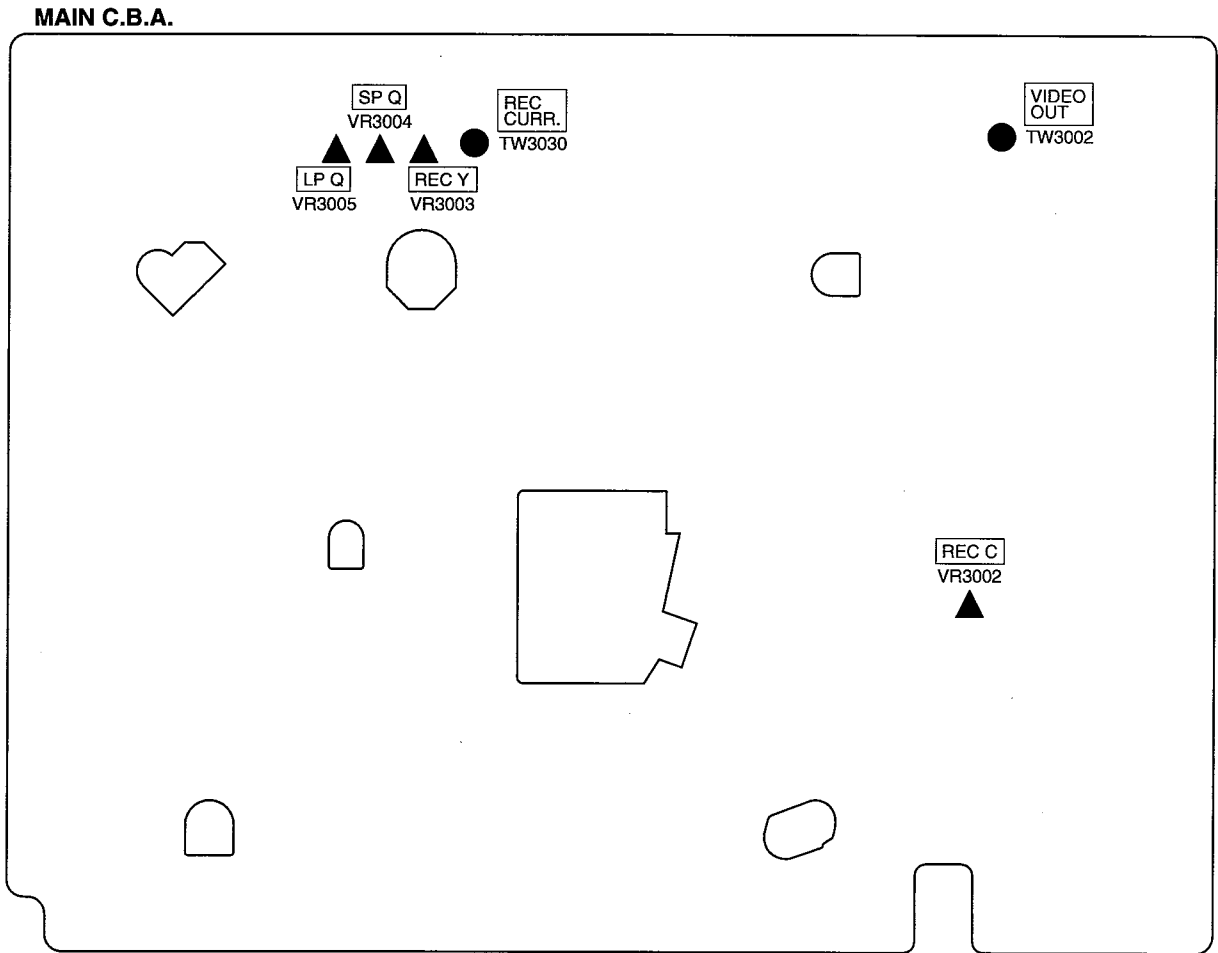


Fig. D7

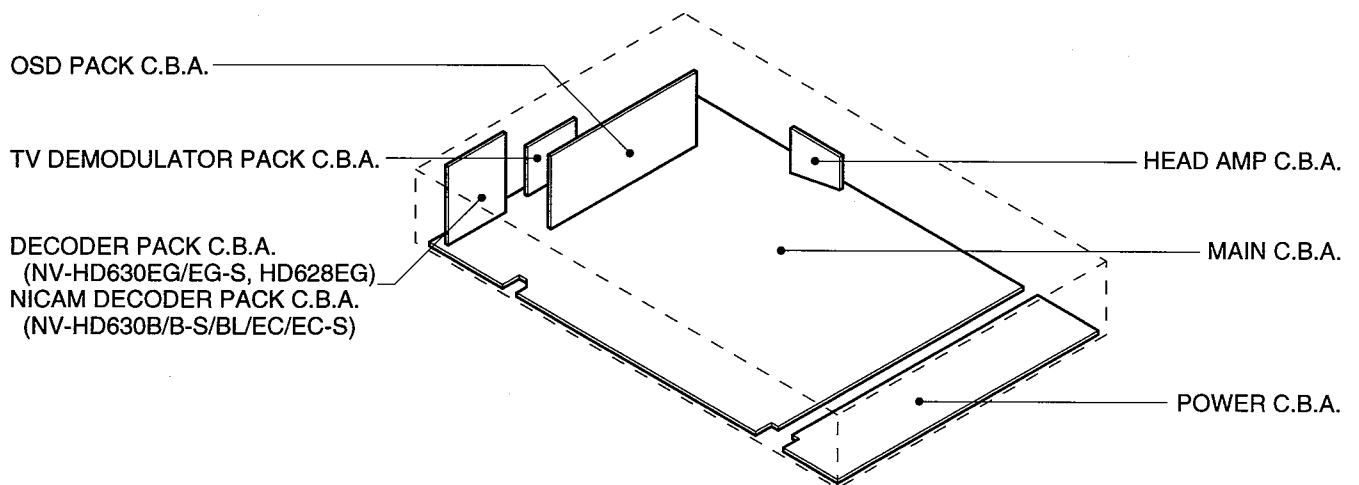
## 2-2. MECHANICAL ADJUSTMENT PROCEDURES

Refer to the Service Manual for Z Mechanical Chassis.  
 (Order No. VRD9802005C2)

# LOCATION OF TEST POINTS & CONTROLS



# CIRCUIT BOARD LAYOUT



## 2-3. ELECTRICAL ADJUSTMENT PROCEDURES

### 2-3-1. TEST EQUIPMENT

The following equipments are required for Electrical Adjustments.

1. Dual-Trace Oscilloscope	3. Universal Counter	10. VHS Blank tape
● Voltage Range : 0.005 - 5 V/div	4. Digital Volt Meter (D.V.M.)	11. VHS Alignment Tape
● Frequency Range : DC - 35 MHz	5. Video Sweep Generator	● Part No.: VFJ8125H3F(PAL)
● Probes : 10:1 / 1:1	6. Sinewave Generator	● Part No.: VFM8080HQFP(NTSC)
2. Frequency Counter	7. Video Pattern Generator	
● Frequency Range : 0 - 10 MHz	8. Monitor TV	
● Probes : 1:1	9. DC Power Supply	

### 2-3-2. VCR SETTING

When no indication in the procedure, set each selector as follows.

1. TAPE SPEED : SP
2. CHANNEL : AV1/AV2 (Set to signal input terminal number)

### 2-3-3. ADJUSTMENTS

ITEM	TP	ADJ.	MODE	INPUT	TAPE	M. EQ.	SPEC.	REMARKS
PG SHIFTER ADJUSTMENT	—	—	PLAYBACK	—	ALIGNMENT TAPE (PAL)	—	—	Refer to the procedure of PG SHIFTER ADJUSTMENT as shown in Fig. E5.
RECORDING CURRENT ADJUSTMENT	TW3030	VR3003 (Y) VR3002 (C)	RECORDING	PAL COLOUR BAR	BLANK TAPE	OSCILLOSCOPE	Y : 260±10 (mVp-p) C : 65±4 (mVp-p)	1. Connect a jumper wire between pin 6 of IC6001 and GND. (TEST MODE) 2. When adjusting Chrominance level, place VCR to STOP mode. (See Fig. E2) 3. When adjusting Luminance level, place VCR to Recording mode. (See Fig. E1)
VIDEO FREQUENCY RESPONSE ADJUSTMENT	VIDEO OUT	VR3004 (SP) VR3005 (LP)	SP/LP PLAYBACK (SELF-REC)	VIDEO SWEEP (See Fig. E3)	BLANK TAPE	OSCILLOSCOPE/VIDEO SWEEP GENERATOR	SP: 0±1 (dB) (90~110%) LP: 0±1 (dB) (90~110%) (See Fig. E4)	1. Connect a jumper wire between pin 6 of IC6001 and GND. (TEST MODE) 2. Set the Video sweep signal. (See Fig. E3)
AI FUNCTION ADJUSTMENT	—	—	PLAYBACK (SELF-REC)	PAL COLOUR BAR	BLANK TAPE	—	—	Refer to the procedure of AI FUNCTION ADJUSTMENT as shown in Fig. E6.

Fig. E1

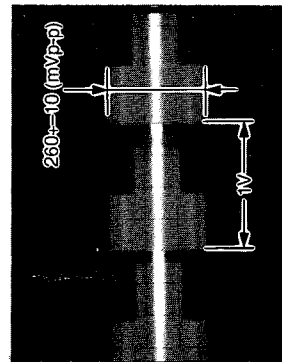


Fig. E2

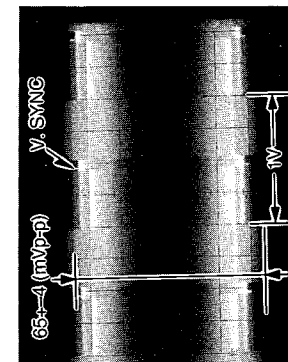
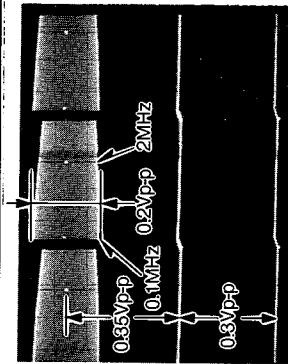
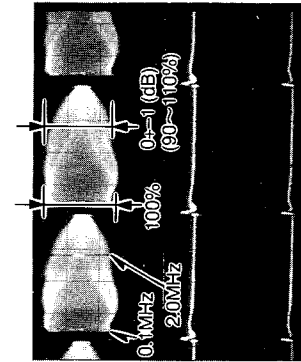


Fig. E3



CONDITION: BURST SIGNAL OFF  
75 ohm TERMINATED

Fig. E4



### PG SHIFTER ADJUSTMENT (AUTO)

PROCEDURES	FIP Display
Press the FF and EJECT keys simultaneously for 3 seconds.	
Press the FF and EJECT keys simultaneously more twice.	
Press the EJECT key for 3 seconds.	
Press the CH UP key once.	
Insert the Alignment Tape. (PAL: VFJ8125H3F) (NTSC: VFM8080HQFP)	
This adjustment is automatically started. (During the adjustment, the picture will be appeared on the monitor.)	
When this Adjustment is terminated, the following operation will be activated. <ul style="list-style-type: none"> <li>● Adjustment completed : The tape will be ejected.</li> <li>● Adjustment incompleted : "F2*" is indicated on the FIP. Check the Servo/System Control circuit and Cylinder Unit.</li> </ul>	
To release Service Mode, press FF and EJECT keys simultaneously 6 times until the normal indication on the FIP.	

Fig. E5

### AI FUNCTION ADJUSTMENT (AUTO)

PROCEDURES	FIP Display
Press the FF and EJECT keys simultaneously for 3 seconds.	
Press the FF and EJECT keys simultaneously more twice.	
Press the EJECT key for 3 seconds.	
Press the CH UP key 3 times.	
Insert the Blank Tape.	
This adjustment is automatically started.	
When this Adjustment is terminated, the following operation will be activated. <ul style="list-style-type: none"> <li>● Adjustment completed : The VCR goes to STOP Mode.</li> </ul>	
To release Service Mode, press FF and EJECT keys simultaneously 6 times until the normal indication on the FIP.	

Fig. E6

## SECTION 3 BLOCK DIAGRAMS & SCHEMATIC DIAGRAMS

### 3-1. ABBREVIATIONS

443NT [L]	4.43 NTSC ①	BIL	BILINGUAL
A. COMP	AUDIO COMPONENT SIGNAL	BIL [L]	BILINGUAL ①
A. COMPO	AUDIO COMPONENT SIGNAL	BIL. [H]	BILINGUAL ②
A. D.P [L]	AUDIO DUBBING PAUSE ①	BIL/M1 [L]	BILINGUAL ①
A. D/L [L]	AUDIO DUBBING PAUSE ①	BS CLOCK	BS CLOCK
A. DEF [S]	AUDIO DEFEAT	BS DATA	BS DATA
A. DEF [S] [L]	AUDIO DEFEAT	BS LCH IN	BS L CHANNEL INPUT
A. DUB P [L]	AUDIO DUBBING PAUSE ①	BS MIX [H]	BS MIX ②
A. DUB [H]	AUDIO DUBBING ②	BS MON [H]	BS MONITOR ②
A. ERASE	AUDIO ERASE	BS MONI [H]	BS MONITOR ②
A. H. SW	AUDIO HEAD SWITCHING PULSE	BS RCH IN	BS R CHANNEL INPUT
A. HEAD [R]	AUDIO HEAD (REC)	BS VIDEO	BS VIDEO SIGNAL
A. HEAD [W]	AUDIO HEAD (PLAY)	BS VIDEO/BS1	BS VIDEO SIGNAL
A. IN [L]	AUDIO INPUT (L)	BS [H]	BS ②
A. IN [R]	AUDIO INPUT (R)	BS. LEVEL	BS LEVEL
A. MUT [H]	AUDIO MUTE ②	BS. M [H]	BS MONITOR ②
A. MUTE [H]	AUDIO MUTE ②	BS/VTR [H]	BS/VTR ②
A. OUT [L]	AUDIO OUTPUT (L)	BUS CLK	BUS CLOCK
A. OUT [R]	AUDIO OUTPUT (R)	BUS LSN	BUS LISTEN
A. RF OUT	AUDIO RF SIGNAL OUTPUT	BUS TLK	BUS TALK
AVS/S. DATA	AV SW/SERIAL DATA	BUZZER	BUZZER
AC ONLINE	AC ONLINE	CAP EC	CAPSTAN TORQUE CONTROL
AC. O/EE. H	AC ONLINE/EE ②	CAP M GND	CAPSTAN MOTOR GND
AFC S C	AFC S CURVE	CAP. ET	CAPSTAN TORQUE CONTROL
AFC [S]	AFC S CURVE	CAP. FG1	CAPSTAN FG1 PULSE
AFC. DEF	AFC DEFEAT	CAP. FG2	CAPSTAN FG2 PULSE
ARFC OUT	AUDIO RF SIGNAL OUTPUT	CAS. SW	CASSETTE SW
ART. V	ARTIFICIAL VERTICAL SYNC SIGNAL	CCN	PLAYBACK CONTROL SIGNAL (-)
ART. V. MM	ARTIFICIAL VERTICAL SYNC SIGNAL MONO MULTI	CCP	PLAYBACK CONTROL SIGNAL (+)
	ARTIFICIAL VERTICAL SYNC SIGNAL ②/NORMAL	CHM	CONTROL SIGNAL (+)
ART. V/H/N	ARTIFICIAL VERTICAL SYNC SIGNAL ②/NORMAL	CHP	CONTROL SIGNAL (-)
	ARTIFICIAL VERTICAL SYNC SIGNAL	CINEM [L]	CINEMA ①
AT. V/H/N	ARTIFICIAL VERTICAL SYNC SIGNAL	CINEMA [L]	CINEMA ①
ATSW/TEST/NOR/SE	TEST/NORMAL/SERVICE	CINEMA/MIX	CINEMA/MIX
AUDIO IN [L]	AUDIO INPUT (L)	CKL	RATCH LOCK
AUDIO IN [R]	AUDIO INPUT (R)	CKS	SHIFT LOCK
AUDIO OUT [L]	AUDIO OUTPUT (L)	CL	CLOCK
AUDIO OUT [R]	AUDIO OUTPUT (R)	CLK	CLOCK
AUDIO SELECT [H]	AUDIO SELECT ②	CLK (C.G)	CLOCK
AUDIO. L	AUDIO (L)	CLOCK. IN	CLOCK INPUT
AUDIO. R	AUDIO (R)	CLP	CLAMP
AV CNT	AV CONTROL	COL/B/W/NOR	COLOUR/BLACK & WHITE/NORMAL
AV CTL	AV CONTROL	COLOR [H]	COLOUR ②
AV CTL/S. CLK	AV CONTROL/SERIAL CLOCK	CONV	CONVERTOR
AV. C.M.	AV CONTROL MODE	CS	CHIP SELECT
AVCNT/METER. R	AV CONTROL/LEVEL METER (R)	CTL GND	CONTROL GND
AVSW/METER. L	AV SW/LEVEL METER (L)	CTL HEAD [+]	CONTROL HEAD (+)
B MODE. H	B MODE ②	CTL HEAD [-]	CONTROL HEAD (-)
B.G.P	BURST GATE PULSE	CTL [+]	CONTROL HEAD (+)
BACKUP 5V	BACK UP 5V	CTL [-]	CONTROL HEAD (-)
BAND. U.E.	BAND U	CUE BIAS	CUE BIAS
BANDVL. D	BAND VL	CURRENT LIM	CURRENT LIMMITER
BI/MI [L]	BILINGUAL/MIX ①	CYL ET	CYLINDER TORQUE CONTROL



CYL GND	CYLINDER GND	FULL. E. 12V	FULL ERASE 12V
D.F.M. REC [H]	DELAIED FM RECORDING ⊕	GND [A]	GND (ANALOG)
D. FM REC [L]	DELAIED FM RECORDING ⊖	GND [TU]	GND (TUNER)
D. GND	DIGITAL GND	GND/N. SW. 12V	GND/NON SW 12V
D. REC [H]	DELAYED RECORDING ⊕	H. SYNC	HORIZONTAL SYNC
D4/S. LED	D4/STILL LED	H. AMP. SW	HEAD AMP SW PULSE
D4/STILLED	D4/STILL LED	H. P <R>	HEAD PHONE (R)
DAC [CLK]	TUNER DAC (CLOCK)	H. P <L>	HEAD PHONE (L)
DAC/FSCS	TUNER DAC/FS CHIP SELECT	H. P GND	HEAD PHONE GND
DAREC [H]	DELAYED AUDIO RECORDING ⊕	H. P OUT [L]	HEAD PHONE OUTPUT (L)
DATA	DATA	H. P OUT [R]	HEAD PHONE OUTPUT (R)
DECODER [L]	DECODER (L)	H. SW	HEAD SW PULSE
DECODER [R]	DECODER (R)	HEAD PHONE [L]	HEAD PHONE (L)
DEW	DEW	HEAD PHONE [R]	HEAD PHONE (R)
DEW SNS	DEW SENSOR	HEAD SW	HEAD SW
DFMRE [H]	DELAYED FM AUDIO RECORDING ⊕	HEATER [+]	HEATER (+)
E. REC 5V	EXCEPT RECORDING 5V	HEATER [-]	HEATER (-)
EC	ERROR TORQUE CONTROL	HSS	HORIZONTAL SYNC SIGNAL
ECR	ERROR TORQUE CONTROL	HTR [+]	HEATER (+)
	REFERENCE VOLTAGE	HTR [-]	HEATER (-)
EDT TRIG [L]	EDIT TRIGGER ⊖	I RFE	REFERENCE CURRENT
EDIT [H]	EDIT ⊕	ICL	CONTROL AGC CIRCUIT
EE [H]	EE ⊕	IF	INTERMEDIATE FREQUENCY
EE [H]/INS [M]	EE ⊕/INSERT ⊕	IN SELA1	INPUT SELECT A1 POSITION
EE. VV. TR	EE/VV/TRICK PLAY	IN SELA2	INPUT SELECT A2 POSITION
EJECT. PO	EJECT POSITION	IN SELA3	INPUT SELECT A3 POSITION
EJECT/VDET	EJECT/REVERSE SLOW LOCK	INS L/R [L]	INSERT Lch/Rch ⊖
ENV. SEL	ENVELOPE SELECT	INS. [H]	INSERT ⊕
ENVE. OUT	ENVELOPE OUTPUT	INSEL A1	INPUT SELECT A1 POSITION
ENVE. SEL	ENVELOPE SELECT	INSEL A2	INPUT SELECT A2 POSITION
ENV SELECT	ENVELOPE SELECT	INSERT	INSERT
EP [H]	LP ⊕	INSERT [H]	INSERT ⊕
EP/LP [H]	LP ⊕	IO CS	INPUT/OUTPUT CHIP SELECT
EP/LP/SP	LP/SP	JOG1	JOG1
EP/SS [H]	LP/SLOW/STILL/STOP ⊕	JOG S3 LED/FOWRD	JOG LED/FORWARD LED
EPROMCS	EPROM CHIP SELECT	JOG/F. LED	JOG LED/FORWARD LED
EX. REC 5V	EXCEPT RECORDING 5V	JSB [H]	JSB ⊕
FF/REW [L]	FIRST FORWARD/REWIND ⊖	JST. CLCK	JUST CLOCK
FG1 IN	FG1 PULSE INPUT	JST. CLK	JUST CLOCK
FG2 IN	FG2 PULSE INPUT	JST. CLOCK	JUST CLOCK
FILTER ADJUSTMENT	FILTER ADJUSTMENT	L. OUT	Lch OUTPUT
FLY ERASE [H]	FLYING ERASE HEAD ON ⊕	L. CH [H]	Lch ⊕
FLY ON [H]	FLYING ERASE HEAD ON ⊕	L. CH [L]	Lch ⊖
FLY. E [H]	FLYING ERASE HEAD ON ⊕	LED (MAIN)	LED (MAIN)
FM MUT [H]	FM AUDIO MUTE ⊕	LED (STEREO)	LED (STEREO)
FM MUTE [H]	FM AUDIO MUTE ⊕	LED (SUB)	LED (SUB)
FM OUT [L]	FM OUTPUT (L)	LED CKL	LED SERIAL CLOCK
FM OUT [R]	FM OUTPUT (R)	LED CKS	LED SERIAL CLOCK
FM PACK OUT [L]	FM PACK OUTPUT (L)	LED DATA	LED SERIAL DATA
FM PACK OUT [R]	FM PACK OUTPUT (R)	LINE IN 1 [L]	LINE INPUT 1 (L)
FM/BS SEL [L]	FM/BS SELECT (L)	LINE IN 1 [R]	LINE INPUT 1 (R)
FM/BS SEL [R]	FM/BS SELECT (R)	LINE IN 2 [L]	LINE INPUT 2 (L)
FS. CLK	FS CLOCK	LINE IN 2 [R]	LINE INPUT 2 (R)
FUL. E [H]	FULL ERASE HEAD ON ⊕	LINE IN V	LINE INPUT VIDEO
FULL. E [H]	FULL ERASE HEAD ON ⊕	LINE IN [L]	LINE INPUT (L)

LINE IN [R]	LINE INPUT (R)	P-OFF [H]	POWER OFF (H)
LINE OUT [L]	LINE OUTPUT (L)	P-OFF [L]	POWER OFF (L)
LINE OUT [R]	LINE OUTPUT (R)	P. FAIL	POWER FAILURE DETECT
LP [H]	LP (H)	P. OFF [H]	POWER OFF (H)
LPTRI [L]	LP TRICK PLAY (L)	P. OFF [L]	POWER OFF (L)
Lch/A. DUB	Lch/AUDIO DUBBING	PAL [H]	PAL (H)
M GND	MOTOR GND	PAL [L]/NTSC [H]	PAL (L)/NTSC (H)
M REG	MOTOR REGULATOR	PB ADJ OUT	PLAYBACK ADJUST OUTPUT
MAIN OUT	MAIN OUTPUT	PB OUT	PLAYBACK OUTPUT
MAIN [L]	MAIN (L)	PB. H	PLAYBACK (H)
MAIN/MONO	MAIN/MONAUURAL	PFG	PG/FG
MAX IN	MAXIMAM INPUT	PHOTSN +B	PHOTO SENSOR +B
MES [H]	MESECAM (H)	PICT. CNT	PICTURE CONTROL
MESE [H]	MESECAM (H)	PLAY LED/RVS LED	PLAY LED/REVERSE LED
MESE [L]	MESECAM (L)	PLAY. PO	PLAY POSITION
METER 5V	LEVEL METER 5V	PLAY/R. LED	PLAY LED/REVERSE LED
METER [L]	LEVEL METER (L)	PLY/DEW	PLAY/DEW (H)
METER [R]	LEVEL METER (R)	POWER OFF [L]	POWER OFF (L)
METER. L/AVS	LEVEL METER (L)	PREROLL [H]	PREROLL (H)
METER. R/AVC	LEVEL METER (R)	PWRFAIL	POWER FAILURE DETECT
M/BI [L]	MIX (H)/BILIGUAL	R. CH [H]	Rch (H)
MIC GND	MIC GND	R. CH [L]	Rch (L)
MIC IN	MIC INPUT	R. ST	RESET
MIC IN [L]	MIC INPUT (L)	R/S/F	REVERSE (H)/STOP (M)/FORWARD (L)
MIC IN [R]	MIC INPUT (R)	RCH [H]	Rch (H)
MIC [H]	MIC (H)	REC 12V	RECORDING 12V
MIX [H]	MIX (H)	REC CHROMA	RECORDING CHROMINANCE SIGNAL
MIX [H]/CINEMA [L]	MIX (H)/CINEMA SOUND (L)	REC H	RECORDING (H)
MIX/CINE	MIX (H)/CINEMA SOUND (L)	REC IN	RECORDING INPUT
MIX/CINEMA [L]	MIX (H)/CINEMA SOUND (L)	REC OUT [L]	RECORDING OUTPUT (L)
MN. H/M. L	MONAUURAL (H)/MAIN (L)	REC START	RECORDING START
MN. H/MAI. L	MONAUURAL (H)/MAIN (L)	REC VR [C]	RECORDING VOLUME (COMMON)
MN2/MES. L	MONAUURAL 2/MESECAM (L)	REC VR [L]	RECORDING VOLUME (L)
MODE SEL	AUDIO MODE SELECT	REC VR [R]	RECORDING VOLUME (R)
MODE SW	AUDIO MODE SW	REC Y	RECORDING LUMINANCE SIGNAL
MODE. S. IN	AUDIO MODE SELECT INPUT	REC [H]	RECORDING (H)
MODE. S. OUT	AUDIO MODE SELECT OUTPUT	REC. C	RECORDING CHROMINANCE SIGNAL
MONO [H]	MONAUURAL (H)	REC. Y	RECORDING LUMINANCE SIGNAL
MONO [H]/MAIN [L]	MONAUURAL (H)/MAIN (L)	REC/EE CTL	RECORDING/EE CONTROL
MONO2 [L]	MONAUURAL 2	REEL-T	REEL PULSE (TAKE-UP)
MONO2/MESE [FM(L)]	MONAUURAL 2/MESECAM (FM (L))	REEL-S	REEL PULSE (SUPPLY)
MOTOR GND	MOTOR GND	REGULATOR FILTER	REGULATOR FILTER
MUTE	MUTE	RESET	RESET
N. A. REC [L]	NORMAL AUDIO RECORDING	REV M F/R	REVIEW MOTOR
N. SW 12V	NON SW 12V	REV M V1	FORWARD/REVERSE
N. SW. 5. DET	NON SW 5V DETECT	REV M V2	REVIEW MOTOR V1
NICAM	NICAM	REV MOTOR F/R	REVIEW MOTOR V2
NICAM [L]	NICAM (L)	REV MOTOR V1	REVIEW MOTOR
NOL [H]	PAL (H)/4.43 NTSC (M)/3.58 NTSC (L)	REV MOTOR V2	FORWARD/REVERSE
NOR/SOFT [H]	NORMAL/SOFT TAPE PLAY (H)	REV MOTOR [+]	REVIEW MOTOR V1
NORMAL [H]	NORMAL (H)	REV MOTOR [-]	REVIEW MOTOR V2
NR BIAS	NR BIAS	REV. M. GND	REVIEW MOTOR (+)
NTSC [L]	NTSC (L)	RF. CHROMA	REVIEW MOTOR (-)
OCH	CONTROL AGC CIRCUIT		REVIEW MOTOR GND
OUT	OUTPUT		RF CHROMINANCE SIGNAL

RF OUT	RF OUTPUT	SYSCON 5V	SYSTEM CONTROL 5V
RF Y	RF LUMINANCE SIGNAL	SYSTEM	SYSTEM SW
RF. Y. IN	RF LUMINANCE SIGNAL INPUT	T-PHOTO	TAKE-UP PHOTO TRANSISTOR
RF. Y. OUT	RF LUMINANCE SIGNAL OUTPUT	T-RL. PLS	TAKE-UP REEL PULSE
ROTAR. SW	ROTARY SW	T. BUSCLK	TIMER BUS CLOCK
ROTARY	ROTARY SW	T. BUSLSN	TIMER BUS LISTEN
RST	RESET	T. BUSTLK	TIMER BUS TALK
RST [L]	RESET (L)	T. END [L]	TAPE END (L)
Rch/INST	Rch/INSERT	T. PHOTO	TAKE-UP PHOTO TRANSISTOR
S IN	SERIAL DATA INPUT	TAPE END [L]	TAPE END (L)
S OUT	SERIAL DATA OUTPUT	TAPE END [L]/CAM	TAPE END (L)/CAMERA PAUSE
S-PHOTO	SUPPLY PHOTO TRANSISTOR	TEST	TEST MODE
S-RL. PLS	SUPPLY REEL PULSE	TPZ	TRAPEZOIDAL WAVE CIRCUIT
S. CLK	SERIAL CLOCK	TRIC [L]	TRIC PLAY (L)
S. CLK/AV	SERIAL CLOCK/AV	TRICK [L]	TRIC PLAY (L)
S. DATA	SERIAL DATA	TRK. ENV	AUTO TRACKING ENVELOPE DETECT
S. DATA/A	SERIAL DATA	TU. AUDIO	TUNER AUDIO
S. PHOTO	SUPPLY PHOTO TRANSISTOR	TU. GND	TUNER GND
S. TAB [L]	SAFETY TAB SW ON (L)	TU. V. IN	TUNER VIDEO SIGNAL INPUT
S/P/N	SECAM/PAL/NTSC	TU. VIDEO	TUNER VIDEO
SC IN	SERIAL CLOCK INPUT	TUN NOR IN	TUNER NORMAL INPUT
SC OUT	SERIAL CLOCK OUTPUT	TUN R	TUNER AUDIO (R)
SCK SELECT	SERIAL CLOCK SELECT	TUN. AUDIO IN	TUNER AUDIO INPUT
SEL OUT [L]	SELECT OUTPUT (L)	TUNER 12V	TUNER 12V
SEL OUT [R]	SELECT OUTPUT (R)	TUNER L	TUNER AUDIO (L)
SHUTTLE 1	SHUTTLE 1	TUNER V IN	TUNER VIDEO SIGNAL INPUT
SIF	SOUND INTERMEDIATE FREQUENCY	TUNER [L]	TUNER AUDIO (L)
SLMUT [H]	INPUT SELECT MUTE (H)	TUNER [N]	TUNER AUDIO (NORMAL)
SLNID [+]	SOLENOID (+)	TUNER [R]	TUNER AUDIO (R)
SLNID [-]	SOLENOID (-)	TUNER. 12	TUNER 12V
SLW TR. MM	SLOW TRACKING MONO MULTI	TUOFF [H]	TUNER OFF (H)
SLW TR. REF	SLOW TRACKING REFERENCE	TV. AUDIO	TV AUDIO
	VOLTAGE	TV/VTR	TV/VTR
SNS. GND	SENSOR GND	TXTON [L]	TEXT ON (L)
SOFT [H]	SOFT TAPE PLAY (H)	U. REG45V	UNREGULATOR 45V
SOFT [H]/NORMAL	SOFT TAPE PLAY (H)/NORMAL (H)	UNREG	UNREGULATOR
SOLENOID ON [L]	SOLENOID ON (L)	UNREG19V	UNREGULATOR 19V
SP [H]	SP (H)	V. REF	REFERENCE VOLTAGE
SP/L/SLP	SP/LP	V. EE [H]	VIDEO EE (H)
SSS [L]	SLOW/STILL/STOP	V. EE [L]	VIDEO EE (L)
STEREO LED	STEREO LED	VCO REF	REFERENCE OSCILLATER
STEREO [H]	STEREO (H)	VD. IN	VIDEO SIGNAL INPUT
STEREO [L]	STEREO (L)	VD. OUT	VIDEO SIGNAL OUTPUT
STOP. PO	STOP POSITION	VIDEO EE [L]	VIDEO EE (L)
STOP/5V	STOP POSITION/5V	VIDEO IN	VIDEO SIGNAL INPUT
STOP1/TAPE SEL	STOP1 POSITION/TAPE SELECT	VIDEO OUT	VIDEO SIGNAL OUTPUT
STOP1/PAL:ST	STOP1 POSITION/PAL	VM	MOTOR VOLTAGE
STOP2. PO	STOP 2 POSITION	VM DOWN [L]	MOTOR VOLTAGE DOWN (L)
STOP2/S-TAB	STOP 2 POSITION/SAFETY TAB SW	VSS	VERTICAL SYNC SIGNAL
STREO [H]	STEREO (H)	VTR [H]	VTR (H)
SUB BIAS	SUB BIAS	VTR. 12V	VTR 12V
SUB. SW	SUB SW	X IN	OSCILLATOR INPUT
SVHS CAS [L]	S-VHS CASSETTE (L)	X OUT	OSCILLATOR OUTPUT
SW. 5. DET	SW 5V DETECT		
SYNC [L]	SYNC (L)		

# INPUT/OUTPUT CHART FOR IC6001

Pin No.	In/Out	Port Name	Function																		
1	O	AUDIO DEF(H)	This port is low while Decoder IC is reset.																		
2	O	FORCE MONO(H)	This port is high while audio mode is set compulsory monoraul mode.																		
3	I	AFC(S)	Tuner S curve input.																		
4	I	NORM/M1/BIL/M2 STEREO	This port is to indicate the receiving sound decoder on screen (OSD). <table border="1" data-bbox="497 310 869 520"> <thead> <tr> <th>Input vlotage</th> <th>OSD display</th> </tr> </thead> <tbody> <tr> <td>More than 4.2V</td> <td>No indication</td> </tr> <tr> <td>3.0V - 4.2V</td> <td>MONO1</td> </tr> <tr> <td>2.0V - 3.0V</td> <td>BILINGUAL</td> </tr> <tr> <td>0.8V - 2.0V</td> <td>MONO1+2</td> </tr> <tr> <td>Less than 0.8V</td> <td>STEREO</td> </tr> </tbody> </table>	Input vlotage	OSD display	More than 4.2V	No indication	3.0V - 4.2V	MONO1	2.0V - 3.0V	BILINGUAL	0.8V - 2.0V	MONO1+2	Less than 0.8V	STEREO						
Input vlotage	OSD display																				
More than 4.2V	No indication																				
3.0V - 4.2V	MONO1																				
2.0V - 3.0V	BILINGUAL																				
0.8V - 2.0V	MONO1+2																				
Less than 0.8V	STEREO																				
5	I	L6/U6/U4/U2/U2L	Cylinder unit (HI-FI/Normal) selection. <table border="1" data-bbox="497 569 1051 821"> <thead> <tr> <th>Input voltage</th> <th>Cylinder</th> <th>HI-FI/NORMAL</th> </tr> </thead> <tbody> <tr> <td>More than 4.2V</td> <td>LDD 6CH</td> <td>HI-FI</td> </tr> <tr> <td>3.0V - 4.2V</td> <td>UDD 6CH</td> <td>HI-FI</td> </tr> <tr> <td>2.0V - 3.0V</td> <td>UDD 2CH (No LP mode)</td> <td>NORMAL</td> </tr> <tr> <td>0.8V - 2.0V</td> <td>UDD 2CH (LP mode)</td> <td>NORMAL</td> </tr> <tr> <td>Less than 0.8V</td> <td>UDD 4CH</td> <td>NORMAL</td> </tr> </tbody> </table>	Input voltage	Cylinder	HI-FI/NORMAL	More than 4.2V	LDD 6CH	HI-FI	3.0V - 4.2V	UDD 6CH	HI-FI	2.0V - 3.0V	UDD 2CH (No LP mode)	NORMAL	0.8V - 2.0V	UDD 2CH (LP mode)	NORMAL	Less than 0.8V	UDD 4CH	NORMAL
Input voltage	Cylinder	HI-FI/NORMAL																			
More than 4.2V	LDD 6CH	HI-FI																			
3.0V - 4.2V	UDD 6CH	HI-FI																			
2.0V - 3.0V	UDD 2CH (No LP mode)	NORMAL																			
0.8V - 2.0V	UDD 2CH (LP mode)	NORMAL																			
Less than 0.8V	UDD 4CH	NORMAL																			
6	I	NORM/SER/T1/T2	Normal/Service/Test1/Test2 mode selection. <table border="1" data-bbox="497 863 869 1037"> <thead> <tr> <th>Input voltage</th> <th>Mode</th> </tr> </thead> <tbody> <tr> <td>More than 4.0V</td> <td>Normal</td> </tr> <tr> <td>2.5V - 4.0V</td> <td>Service</td> </tr> <tr> <td>1.0V - 2.5V</td> <td>Test1</td> </tr> <tr> <td>Less than 1.0V</td> <td>Test2</td> </tr> </tbody> </table>	Input voltage	Mode	More than 4.0V	Normal	2.5V - 4.0V	Service	1.0V - 2.5V	Test1	Less than 1.0V	Test2								
Input voltage	Mode																				
More than 4.0V	Normal																				
2.5V - 4.0V	Service																				
1.0V - 2.5V	Test1																				
Less than 1.0V	Test2																				
7	I	S-PHOT	This port receives 2.4V when Supply photo sensor detects the tape end.																		
8	I	T-PHOT	This port receives 2.4V when Take-up photo sensor detects the tape beginning.																		
9	I	TRACKING ENVE	Playback envelope input for tracking adjustment.																		
10	I	ABS.NORM(L)	HI-FI audio mode selection.																		
11	O	CURRENT LIMIT	Capstan motor current limiter output.																		
12	O	REC CUR	AI recording current control and Playback AI picture VR control.																		
13	O	ART.V/H/N	This port supplies artificial vertical sync signal to stabilize the picture in special playback mode.																		
14	I	REMOCON	Remote contoroll signal input.																		
15	O	ROTARY.SW	Rotary switching signal output.																		
16	O	H.A.SW	Head amp switching signal output.																		
17	I	ENVE.SLECT	This port receives the playback envelope signal level to select the video head in special playback mode.																		
18	O	VIDEO.H.SW	Video head switching signal output.																		
19	O	AUDIO.H.SW	Audio head switching signal output.																		
20	O	REC(H)	Video/audio signal recording/playback control.																		
21	O	D.REC(H)	Video signal recording on/off control.																		
22	O	C.EMPHA(H)	This port supplies high during a certain time from starting the recording to control the HI-FI audio recording current.																		
23	O	D.FM.REC(H)	HI-FI audio recording on/off control.																		
24	O	VIDEO.EE(L)	This port is low during EE mode.																		
25	O	TRICK(L)	This port is low during special playback (CUE,REV,SLOW,STILL) mode.																		

Fig. MP1

# INPUT/OUTPUT CHART FOR IC6001

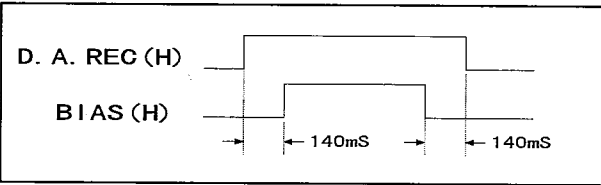
Pin No.	In/Out	Port Name	Function																																				
26	O	D.A.REC(H)	DC voltage control for recording mode. 																																				
27	O	BIAS(H)																																					
28	O	FM.MUTE(H)	This port is high during special playback (CUE,REV,SLOW,STILL) mode.																																				
29	O	PB/TUN/LINE	Normal audio switching control.																																				
30	O	FULL.ERASE(H)	Full erase on/off control. ON : High OFF : Low																																				
31	I	POS.SW3	<table border="1"> <thead> <tr> <th>P. SW 3</th> <th>P. SW 2</th> <th>P. SW 1</th> <th>Position (Mode) Name</th> </tr> </thead> <tbody> <tr> <td>O</td> <td>O</td> <td>O</td> <td>EJECT</td> </tr> <tr> <td>O</td> <td>O</td> <td>I</td> <td>CASSETTE DOWN</td> </tr> <tr> <td>O</td> <td>I</td> <td>O</td> <td>REV,REV SLOW</td> </tr> <tr> <td>O</td> <td>I</td> <td>I</td> <td>MID (LOADING/UNLOADING)</td> </tr> <tr> <td>I</td> <td>O</td> <td>O</td> <td>PLAY/REC,STILL/PAUSE,CUE FWD SLOW,STOP3*1</td> </tr> <tr> <td>I</td> <td>O</td> <td>I</td> <td>STOP</td> </tr> <tr> <td>I</td> <td>I</td> <td>O</td> <td>FF/REW</td> </tr> <tr> <td>I</td> <td>I</td> <td>I</td> <td>INTERMEDIATE</td> </tr> </tbody> </table> <p>(*1) The Pinch Roller is on the Capstan motor shaft.</p>	P. SW 3	P. SW 2	P. SW 1	Position (Mode) Name	O	O	O	EJECT	O	O	I	CASSETTE DOWN	O	I	O	REV,REV SLOW	O	I	I	MID (LOADING/UNLOADING)	I	O	O	PLAY/REC,STILL/PAUSE,CUE FWD SLOW,STOP3*1	I	O	I	STOP	I	I	O	FF/REW	I	I	I	INTERMEDIATE
P. SW 3	P. SW 2	P. SW 1		Position (Mode) Name																																			
O	O	O		EJECT																																			
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I	O	I	STOP																																				
I	I	O	FF/REW																																				
I	I	I	INTERMEDIATE																																				
32	I	POS.SW2																																					
33	I	POS.SW1																																					
34	-	GND	GND.																																				
35	-	GND	GND.																																				
36	I	16M.START(H)	Clock source selection at starting reset.																																				
37	-	5V(D)	Digital 5V.																																				
38	I	16MHz.IN	Oscillator input.																																				
39	O	16MHz.OUT	Oscillator output.																																				
40	-	GND(OSC)	Oscillator GND.																																				
41	I	32KHz.IN	Oscillator input.																																				
42	O	32KHz.OUT	Oscillator output.																																				
43	I	RESET(L)	This port is low while IC6001 is reset.																																				
44	O	FIP(L)	FIP on/off control.																																				
45	O	FIP/OSD CS	FIP driver and OSD microprocessor chip selection. FIP driver chip is selected : Low OSD microprocessor chip is selected : High																																				
46	O	CH CHANGE(H)	After operating channel up/down, audio carrier of the new channel is supplied to pin 59 and this port supplies high to define the audio carrier.																																				
47	O	CH START(H)	Audio carrier automatic detecting start edge output in tuner preset.																																				
48	O	AAA OFF(H)	This port supplies high during audio IC automatic adjustment.																																				
49	O	AI MES(H)	This port is high when measuring the head and tape condition to determine the optimum recording current before starting the AI recording.																																				
50	O	HALF WAVE(H)	Capstan driver selection.																																				
51	O	P.OFF(H)	Power on/off control.																																				
52	O	FF/REW(L)	This port supplies low during FF and REW modes.																																				
53	O	PB AI1(H)	AI playback control.																																				
54	O	PB AI2(H)	AI playback control.																																				
55	O	UNLOADING(H)	This port supplies high during the mechanism is unloaded.																																				

Fig. MP2

## INPUT/OUTPUT CHART FOR IC6001

Pin No.	In/Out	Port Name	Function
56	O	LOADING(H)	This port supplies high during the mechanism is loaded.
57	O	SP(H)	This port supplies high during SP mode.
58	O	SLEEP(L)	This port supplies low during super power save mode.
59	O	PAL-I/BG/DK	System 4 (Refer to Fig.MP4)
60	O	SECAM/PAL	System 2 (Refer to Fig.MP4)
61	O	NTSC(L)	System 5 (Refer to Fig.MP4)
62	O	PAL/MESECAM	System 1 (Refer to Fig.MP4)
63	I/O	EDITTRIG(L)	Synchronized editing control.
64	I/O	PREROLL(H)	
65	O	5P/T2.DATA.OUT	Edit 5P serial data output.
66	I	5P/T2.DATA.IN	Edit 5P serial data input.
67	O	5P/T2.CLOCK	Edit 5P serial data clock.
68	O	T-BUS/IC.OUT	OSD microprocessor and FIP driver serial data output.
69	I	T-BUS/IC.IN	OSD microprocessor and FIP driver serial data input.
70	O	T-BUS/IC.CLK	OSD microprocessor and FIP driver serial clock output.
71	O	IIC.CLOCK	Tuner and HI-FI audio IC serial clock output.
72	I/O	IIC.DATA	Tuner and HI-FI audio IC serial data input/output.
73	O	125Hz	Oscillator output for main clock adjustment.
74	O	STANDBY(L)	This port supplies low during standby mode.
75	I	POWER FAIL(L)	Power failure detection.
76	O	CAP.R/F	Capstan rotation direction control. Reverse : High Forward : Low
77	O	CAP.ET	Capstan torque control.
78	O	CYL.ET	Cylinder torque control.
79	I	S.REEL.PULSE	Supply reel pulse input.
80	I	T.REEL.PULSE	Take-up reel pulse input.
81	I	STAB(L)	This port receives low while the cassette tape with safety tab is inserted.
82	I	POWER KEY(H)	Power on/off key input.
83	I	SHORT DN	DC voltage (BIAS (H)) detection. When detecting High at BIAS (H) during BIAS (H) is set to except high, compulsory power is turned off (Self test indication display F08). When detecting Low at BIAS (H) during BAIS (H) is set to high, compulsory power is turned off (Self test indication display F07).
84	I	Csync	C sync signal (Built in sync separation circuit) input.
85	I	CAP.FG	Capstan FG input.
86	I	CYL.PFG	Cylinder PFG input.
87	I	SECAM24(H)	Video head selection input.
88	-	GND	GND.
89	O	OREF	Op amp output for 1/2 VDD reference.
90	I	IREF	Op amp input for 1/2 VDD reference.
91	I	CTL.HEAD(-)	Control signal (-) input.
92	I	CTL.HEAD(+)	Control signal (+) input.
93	O	CTL.AMP.SW	Control amp switching output.
94	I	CTL.AMP.IN	Control amp input.
95	I	CTL.AMP.REF	Control amp reference input.
96	-	CTL.AMP.GND	Control amp GND.
97	O	PB.CTL.OUT	Control amp output.
98	-	5V(A)	Analog 5V.
99	-	5V(AD)	5V.
100	I	CH END(H)	This port receives High when detecting audio carrier during tuner preset.

Fig. MP3

	System 1 *1 Pin 62	System 2 Pin 60	System 4 Pin 59	System 5 Pin 61	MONO (H) Pin 2
MODE 1	MESECAM (H) H : MESECAM L : PAL	————— Low is fixed.	————— Low is fixed.	NTSC (L) H : 50Hz L : 60Hz	————— Low is fixed.
MODE 2	MESECAM (H) H : MESECAM L : PAL	————— Low is fixed.	————— Low is fixed.	NTSC (L) H : 50Hz L : 60Hz	MONO (H) *3 H : MONO ON L : MONO OFF
MODE 3	————— Low is fixed.	————— Low is fixed.	————— Low is fixed.	NTSC (L) H : 50Hz L : 60Hz	MONO (H) *3 L : NICAM AUTO H : NICAM OFF
MODE 4	MES/AUTO/PAL H : MESECAM Z : AUTO L : PAL	————— Low is fixed.	I/DK/BG H : I Z : DK L : BG	NTSC (L) H : 50Hz L : 60Hz	MONO (H) *3 H : MONO ON L : MONO OFF
MODE 5	MES/AUTO/PAL H : MESECAM Z : AUTO L : PAL	SEC/AUTO/PAL *2 H : SECAM Z : AUTO L : PAL	L/BG H : L L : BG	NTSC (L) H : 50Hz L : 60Hz	MONO (H) *3 H : MONO ON L : MONO OFF

Z : High impedance

\*1 : High impedance is set during NTSC playback mode. High is set compulsory during full screen display except NV-HD680 series.

(System 1 is set to high and system 5 is set to low during full screen and NTSC playback)

\*2 : Low is set during NTSC playback.

\*3 : It follows OSD.

Fig. MP4

INPUT CONDITION							OUTPUT RESULT						
POWER	AV2 SELECT	TV/VTR	EE/VV	OSD ON(H)	INPUT CH	AV2 PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT	
P. OFF	---	---	---	---	---	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN	
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN	
VPS STAND BY	EXT	---	---	L	NORMAL TUN	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN	
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN	
					C+ TUNER	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN	
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN	
					AV1	L	AV2 IN	AV1 IN	L	OFF	AV1	AV1	
						H	AV2 IN	AV1 IN	H	ON	AV1	AV1	
					AV2	L	AV2 IN	AV1 IN	L	OFF	AV2	AV2	
						H	AV2 IN	AV1 IN	H	ON	AV2	AV2	
					AV3	L	AV2 IN	AV1 IN	L	OFF	AV3	AV3	
						H	AV2 IN	AV1 IN	H	ON	AV3	AV3	
					SAT. NOR TUN	L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN	
						H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN	
					SAT. C+ TUN	L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN	
						H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN	
					H	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
							H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
				C+ TUNER		L	VTR OUT	AV1 IN	H	OFF	TUN	TUN	
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN	
				AV1		L	VTR OUT	AV1 IN	H	OFF	AV1	AV1	
						H	VTR OUT	AV1 IN	H	OFF	AV1	AV1	
				AV2		L	VTR OUT	AV1 IN	H	ON	AV2	AV2	
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2	
				AV3		L	VTR OUT	AV1 IN	H	OFF	AV3	AV3	
						H	VTR OUT	AV1 IN	H	OFF	AV3	AV3	
				SAT. NOR TUN		L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN	
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN	
				SAT. C+ TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN		
					H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN		
DECODER	---	---	---	L	NORMAL TUN	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN	
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN	
					C+ TUNER	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN	
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN	
					AV1	L	AV2 IN	AV1 IN	L	OFF	AV1	AV1	
						H	AV2 IN	AV1 IN	H	ON	AV2	AV2	
					AV2	L	AV2 IN	AV1 IN	L	OFF	AV2	AV2	
						H	AV2 IN	AV1 IN	H	ON	AV2	AV2	
					AV3	L	AV2 IN	AV1 IN	L	OFF	AV3	AV3	
						H	AV2 IN	AV1 IN	H	ON	AV3	AV3	
					SAT. NOR TUN	L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN	
						H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN	
					SAT. C+ TUN	L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN	
						H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN	
					H	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
							H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
				C+ TUNER		L	VTR OUT	AV1 IN	H	OFF	TUN	TUN	
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN	
				AV1		L	VTR OUT	AV1 IN	H	OFF	AV1	AV1	
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2	
				AV2		L	VTR OUT	AV1 IN	H	ON	AV2	AV2	
						H	VTR OUT	AV1 IN	H	ON	AV2	AV2	
				AV3		L	VTR OUT	AV1 IN	H	OFF	AV3	AV3	
						H	VTR OUT	AV1 IN	H	OFF	AV3	AV3	
				SAT. NOR TUN		L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN	
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN	
				SAT. C+ TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN		
					H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN		

NOTE:THIS TABLE IS ONLY FOR "EG/EC" MODEL



INPUT CONDITION							OUTPUT RESULT						
POWER	AV2 SELECT	TV/VTR	EE/VV	OSD ON(H)	INPUT CH	AV2 PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT	
P. ON	EXT	TV	EE	L	NORMAL TUN	---	VTR OUT	VTR OUT	L	OFF	TUN	TUN	
					C+ TUNER	---	VTR OUT	VTR OUT	L	OFF	TUN	TUN	
					AV1	---	VTR OUT	VTR OUT	L	OFF	AV1	AV1	
					AV2	---	VTR OUT	VTR OUT	L	ON	AV2	AV2	
					AV3	---	VTR OUT	VTR OUT	L	OFF	AV3	AV3	
					SAT. NOR TUN	---	VTR OUT	VTR OUT	L	OFF	SAT.TUN	SAT.TUN	
					SAT. C+ TUN	---	VTR OUT	VTR OUT	L	OFF	SAT.TUN	SAT.TUN	
					H	NORMAL TUN	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
						C+ TUNER	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
				AV1		---	VTR OUT	VTR OUT	H	OFF	AV1	AV1	
				AV2		---	VTR OUT	VTR OUT	H	ON	AV2	AV2	
				AV3		---	VTR OUT	VTR OUT	H	OFF	AV3	AV3	
				SAT. NOR TUN		---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN	
				SAT. C+ TUN		---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN	
				L		NORMAL TUN	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
						C+ TUNER	---	VTR OUT	VTR OUT	H	OFF	TUN	TUN
					AV1	---	VTR OUT	VTR OUT	H	OFF	AV1	AV1	
					AV2	---	VTR OUT	VTR OUT	H	ON	AV2	AV2	
	AV3	---	VTR OUT		VTR OUT	H	OFF	AV3	AV3				
	SAT. NOR TUN	---	VTR OUT		VTR OUT	H	OFF	SAT.TUN	SAT.TUN				
	SAT. C+ TUN	---	VTR OUT		VTR OUT	H	OFF	SAT.TUN	SAT.TUN				
	H	NORMAL TUN	---		VTR OUT	VTR OUT	H	OFF	TUN	TUN			
		C+ TUNER	---		VTR OUT	VTR OUT	H	OFF	TUN	TUN			
		AV1	---	VTR OUT	VTR OUT	H	OFF	AV1	AV1				
		AV2	---	VTR OUT	VTR OUT	H	ON	AV2	AV2				
		AV3	---	VTR OUT	VTR OUT	H	OFF	AV3	AV3				
		SAT. NOR TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN				
		SAT. C+ TUN	---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN				
		VV	---	NORMAL TUN	---	VTR OUT	VTR OUT	H	OFF	TUN	PB		
			C+ TUNER	---	VTR OUT	VTR OUT	H	OFF	TUN	PB			
	AV1		---	VTR OUT	VTR OUT	H	OFF	AV1	PB				
	AV2		---	VTR OUT	VTR OUT	H	OFF	AV2	PB				
	AV3		---	VTR OUT	VTR OUT	H	OFF	AV3	PB				
	SAT. NOR TUN		---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	PB				
	SAT. C+ TUN		---	VTR OUT	VTR OUT	H	OFF	SAT.TUN	PB				
	DECODER		TV	EE	L	L	NORMAL TUN	L	VTR OUT	AV1 IN	L	OFF	TUN
H							AV2 IN	AV1 IN	H	ON	TUN	TUN	
C+ TUNER		L					VTR OUT	TUN IN	L	OFF	TUN	TUN	
H		VTR OUT					TUN IN	L	OFF	AV2	AV2		
AV1		L					VTR OUT	AV1 IN	L	OFF	AV1	AV1	
H		AV2 IN					AV1 IN	H	ON	AV2	AV2		
AV2		L					VTR OUT	AV1 IN	L	ON	AV2	AV2	
H		AV2 IN					AV1 IN	H	ON	AV2	AV2		
AV3		L					VTR OUT	AV1 IN	L	OFF	AV3	AV3	
H		AV2 IN				AV1 IN	H	ON	AV3	AV3			
SAT. NOR TUN		L				VTR OUT	AV1 IN	L	OFF	SAT.TUN	SAT.TUN		
H		AV2 IN				AV1 IN	H	ON	SAT.TUN	SAT.TUN			
SAT. C+ TUN		L				VTR OUT	SAT IN	L	OFF	SAT.TUN	SAT.TUN		
H		VTR OUT				SAT IN	L	OFF	AV2	AV2			
H		NORMAL TUN				L	VTR OUT	AV1 IN	H	OFF	TUN	TUN	
		H				VTR OUT	AV1 IN	H	OFF	TUN	TUN		
		C+ TUNER				L	VTR OUT	TUN IN	H	OFF	TUN	TUN	
		H				VTR OUT	TUN IN	H	ON	AV2	AV2		
		AV1			L	VTR OUT	AV1 IN	H	OFF	AV1	AV1		
		H			VTR OUT	AV1 IN	H	ON	AV2	AV2			
		AV2			L	VTR OUT	AV1 IN	H	ON	AV2	AV2		
		H			VTR OUT	AV1 IN	H	ON	AV2	AV2			
		AV3			L	VTR OUT	AV1 IN	H	ON	AV2	AV2		
H		VTR OUT			AV1 IN	H	ON	AV2	AV2				

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INPUT CONDITION							OUTPUT RESULT										
POWER	AV2 SELECT	TV/VTR	EE/VV	OSD ON(H)	INPUT CH	AV2 PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT					
P. ON	DECODER	TV	EE	H	AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3					
						H	VTR OUT	AV1 IN	H	OFF	AV3	AV3					
					SAT. NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN					
						H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN					
					SAT. C+ TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	SAT.TUN					
						H	VTR OUT	SAT IN	H	ON	AV2	AV2					
					VTR	EE	L	L	L	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
											H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
										C+ TUNER	L	VTR OUT	TUN IN	H	OFF	TUN	TUN
											H	VTR OUT	TUN IN	H	ON	AV2	AV2
										AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	AV1
											H	VTR OUT	AV1 IN	H	ON	AV2	AV2
		AV2	L	VTR OUT						AV1 IN	H	ON	AV2	AV2			
			H	VTR OUT						AV1 IN	H	ON	AV2	AV2			
		AV3	L	VTR OUT						AV1 IN	H	OFF	AV3	AV3			
			H	VTR OUT						AV1 IN	H	OFF	AV3	AV3			
		SAT. NOR TUN	L	VTR OUT						AV1 IN	H	OFF	SAT.TUN	SAT.TUN			
			H	VTR OUT						AV1 IN	H	OFF	SAT.TUN	SAT.TUN			
		SAT. C+ TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	SAT.TUN								
			H	VTR OUT	SAT IN	H	ON	AV2	AV2								
		H	L	H	L	H	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN			
								H	VTR OUT	AV1 IN	H	OFF	TUN	TUN			
							C+ TUNER	L	VTR OUT	TUN IN	H	OFF	TUN	TUN			
								H	VTR OUT	TUN IN	H	ON	AV2	AV2			
							AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	AV1			
								H	VTR OUT	AV1 IN	H	ON	AV2	AV2			
							AV2	L	VTR OUT	AV1 IN	H	ON	AV2	AV2			
								H	VTR OUT	AV1 IN	H	ON	AV2	AV2			
							AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3			
								H	VTR OUT	AV1 IN	H	OFF	AV3	AV3			
							SAT. NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN			
								H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN			
		SAT. C+ TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	SAT.TUN								
			H	VTR OUT	SAT IN	H	ON	AV2	AV2								
		VV	---	---	---	---	NORMAL TUN	L	VTR OUT	AV1 IN	H	OFF	TUN	PB			
								H	VTR OUT	AV1 IN	H	OFF	TUN	PB			
							C+ TUNER	L	VTR OUT	TUN IN	H	OFF	TUN	PB			
								H	VTR OUT	TUN IN	H	OFF	AV2	PB			
							AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	PB			
								H	VTR OUT	AV1 IN	H	OFF	AV2	PB			
							AV2	L	VTR OUT	AV1 IN	H	OFF	AV2	PB			
								H	VTR OUT	AV1 IN	H	OFF	AV2	PB			
							AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	PB			
								H	VTR OUT	AV1 IN	H	OFF	AV3	PB			
							SAT. NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	PB			
								H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	PB			
		SAT. C+ TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	PB								
			H	VTR OUT	SAT IN	H	OFF	AV2	PB								

NOTE:THIS TABLE IS ONLY FOR "EG/EC" MODEL

INPUT CONDITION						OUTPUT RESULT						
POWER	AV2 SELECT	EE/VV	OSD ON(H)	INPUT CH	AV2 PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT	
P. OFF	----	----	----	----	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN	
					H	AV2 IN	AV1 IN	H	ON	TUN	TUN	
PDC STAND BY	EXT	----	L	TUNER	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN	
					H	AV2 IN	AV1 IN	H	ON	TUN	TUN	
				AV1	L	AV2 IN	AV1 IN	L	OFF	AV1	AV1	
					H	AV2 IN	AV1 IN	H	ON	AV1	AV1	
				AV2	L	AV2 IN	AV1 IN	L	OFF	AV2	AV2	
					H	AV2 IN	AV1 IN	H	ON	AV2	AV2	
				AV3	L	AV2 IN	AV1 IN	L	OFF	AV3	AV3	
					H	AV2 IN	AV1 IN	H	ON	AV3	AV3	
				SAT.TUN	L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN	
					H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN	
				H	TUNER	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN
						H	VTR OUT	AV1 IN	H	OFF	TUN	TUN
	AV1	L	VTR OUT		AV1 IN	H	OFF	AV1	AV1			
		H	VTR OUT		AV1 IN	H	OFF	AV1	AV1			
	AV2	L	VTR OUT		AV1 IN	H	ON	AV2	AV2			
		H	VTR OUT		AV1 IN	H	ON	AV2	AV2			
	AV3	L	VTR OUT		AV1 IN	H	OFF	AV3	AV3			
		H	VTR OUT		AV1 IN	H	OFF	AV3	AV3			
	SAT.TUN	L	VTR OUT		AV1 IN	H	OFF	SAT.TUN	SAT.TUN			
		H	VTR OUT		AV1 IN	H	OFF	SAT.TUN	SAT.TUN			
	DECODER	----	L		TUNER	L	AV2 IN	AV1 IN	L	OFF	TUN	TUN
						H	AV2 IN	AV1 IN	H	ON	TUN	TUN
				AV1	L	AV2 IN	AV1 IN	L	OFF	AV1	AV1	
					H	AV2 IN	AV1 IN	H	ON	AV2	AV2	
AV2				L	AV2 IN	AV1 IN	L	OFF	AV2	AV2		
				H	AV2 IN	AV1 IN	H	ON	AV2	AV2		
AV3				L	AV2 IN	AV1 IN	L	OFF	AV3	AV3		
				H	AV2 IN	AV1 IN	H	ON	AV3	AV3		
SAT.TUN				L	AV2 IN	AV1 IN	L	OFF	SAT.TUN	SAT.TUN		
				H	AV2 IN	AV1 IN	H	ON	SAT.TUN	SAT.TUN		
H				TUNER	L	VTR OUT	AV1 IN	H	OFF	TUN	TUN	
					H	VTR OUT	AV1 IN	H	OFF	TUN	TUN	
		AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	AV1			
			H	VTR OUT	AV1 IN	H	ON	AV2	AV2			
		AV2	L	VTR OUT	AV1 IN	H	ON	AV2	AV2			
			H	VTR OUT	AV1 IN	H	ON	AV2	AV2			
		AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3			
			H	VTR OUT	AV1 IN	H	OFF	AV3	AV3			
		SAT.TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN			
			H	VTR OUT	AV1 IN	H	OFF	SAT.TUN	SAT.TUN			

NOTE:THIS TABLE IS ONLY FOR "B/BL" MODEL

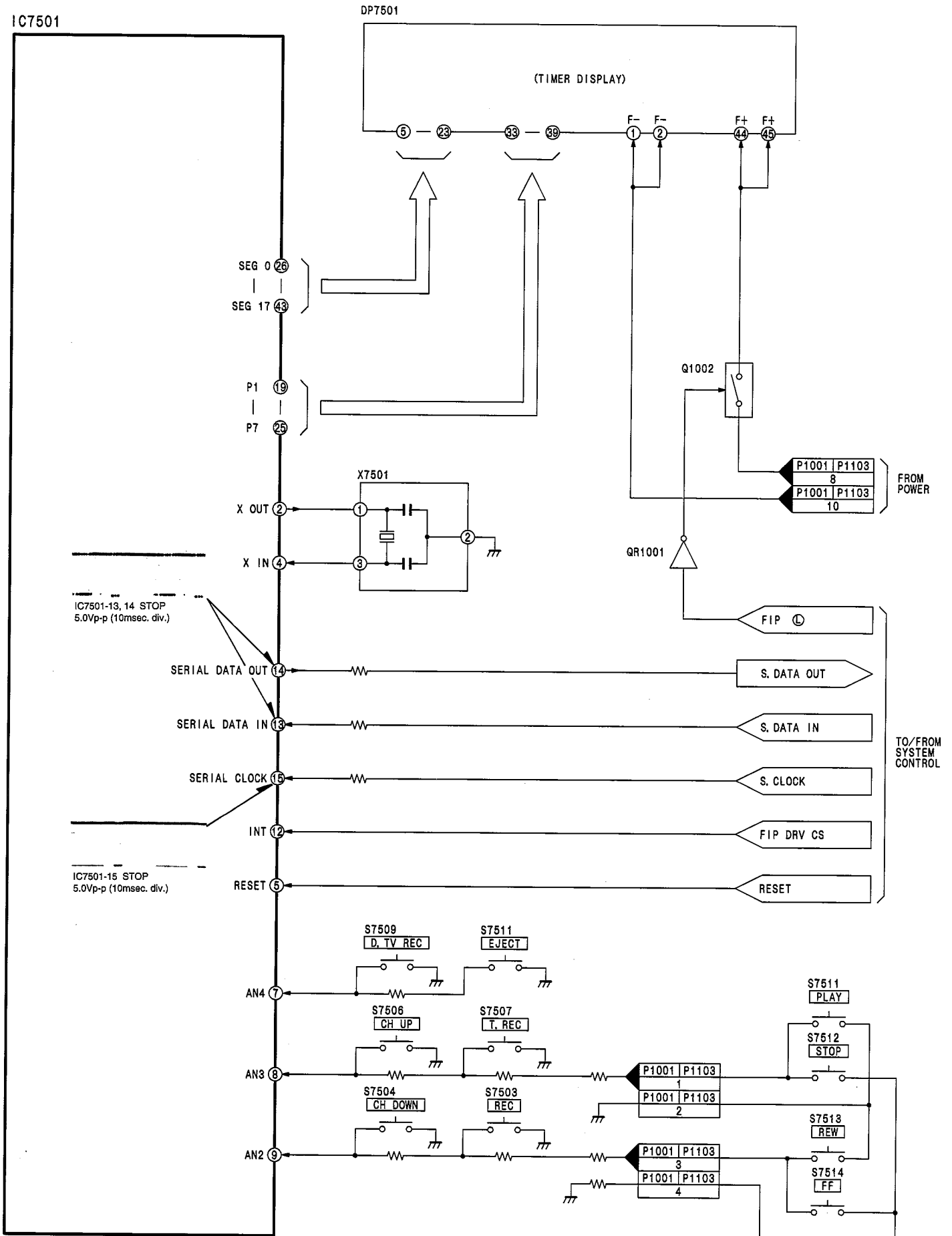
INPUT CONDITION						OUTPUT RESULT					
POWER	AV2 SELECT	EE/VV	OSD ON(H)	INPUT CH	AV2 PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT
P. ON	EXT	EE	L	TUNER	----	VTR OUT	VTR OUT	L	OFF	TUN	TUN
				AV1	----	VTR OUT	VTR OUT	L	OFF	AV1	AV1
				AV2	----	VTR OUT	VTR OUT	L	ON	AV2	AV2
				AV3	----	VTR OUT	VTR OUT	L	OFF	AV3	AV3
				SAT.TUN	----	VTR OUT	VTR OUT	L	OFF	SAT.TUN	SAT.TUN
			H	TUNER	----	VTR OUT	VTR OUT	H	OFF	TUN	TUN
				AV1	----	VTR OUT	VTR OUT	H	OFF	AV1	AV1
				AV2	----	VTR OUT	VTR OUT	H	ON	AV2	AV2
				AV3	----	VTR OUT	VTR OUT	H	OFF	AV3	AV3
				SAT.TUN	----	VTR OUT	VTR OUT	H	OFF	SAT.TUN	SAT.TUN
	VV	----	TUNER	----	VTR OUT	VTR OUT	H	OFF	TUN	PB	
				AV1	----	VTR OUT	VTR OUT	H	OFF	AV1	PB
				AV2	----	VTR OUT	VTR OUT	H	OFF	AV2	PB
				AV3	----	VTR OUT	VTR OUT	H	OFF	AV3	PB
				SAT.TUN	----	VTR OUT	VTR OUT	H	OFF	SAT.TUN	PB
	DECODER	EE	L	TUNER	L	VTR OUT	TUN IN	L	OFF	TUN	TUN
					H	VTR OUT	TUN IN	L	ON	AV2	AV2
				AV1	L	VTR OUT	AV1 IN	L	OFF	AV1	AV1
					H	VTR OUT	AV1 IN	L	ON	AV2	AV2
				AV2	L	VTR OUT	AV1 IN	L	ON	AV2	AV2
H					VTR OUT	AV1 IN	L	ON	AV2	AV2	
AV3				L	VTR OUT	AV1 IN	L	OFF	AV3	AV3	
				H	VTR OUT	AV1 IN	L	OFF	AV3	AV3	
SAT.TUN				L	VTR OUT	SAT IN	L	OFF	SAT.TUN	SAT.TUN	
				H	VTR OUT	SAT IN	L	ON	AV2	AV2	
H		TUNER	L	VTR OUT	TUN IN	H	OFF	TUN	TUN		
			H	VTR OUT	TUN IN	H	ON	AV2	AV2		
		AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	AV1		
			H	VTR OUT	AV1 IN	H	ON	AV2	AV2		
		AV2	L	VTR OUT	AV1 IN	H	ON	AV2	AV2		
			H	VTR OUT	AV1 IN	H	ON	AV2	AV2		
		AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3		
			H	VTR OUT	AV1 IN	H	OFF	AV3	AV3		
		SAT.TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	SAT.TUN		
			H	VTR OUT	SAT IN	H	ON	AV2	AV2		
VV	----	TUNER	L	VTR OUT	TUN IN	H	OFF	TUN	PB		
				H	VTR OUT	TUN IN	H	OFF	AV2	PB	
			AV1	L	VTR OUT	AV1 IN	H	OFF	AV1	PB	
				H	VTR OUT	AV1 IN	H	OFF	AV2	PB	
			AV2	L	VTR OUT	AV1 IN	H	OFF	AV2	PB	
				H	VTR OUT	AV1 IN	H	OFF	AV2	PB	
			AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	PB	
				H	VTR OUT	AV1 IN	H	OFF	AV3	PB	
			SAT.TUN	L	VTR OUT	SAT IN	H	OFF	SAT.TUN	PB	
				H	VTR OUT	SAT IN	H	OFF	AV2	PB	

NOTE:THIS TABLE IS ONLY FOR "B/BL" MODEL

**Memo**

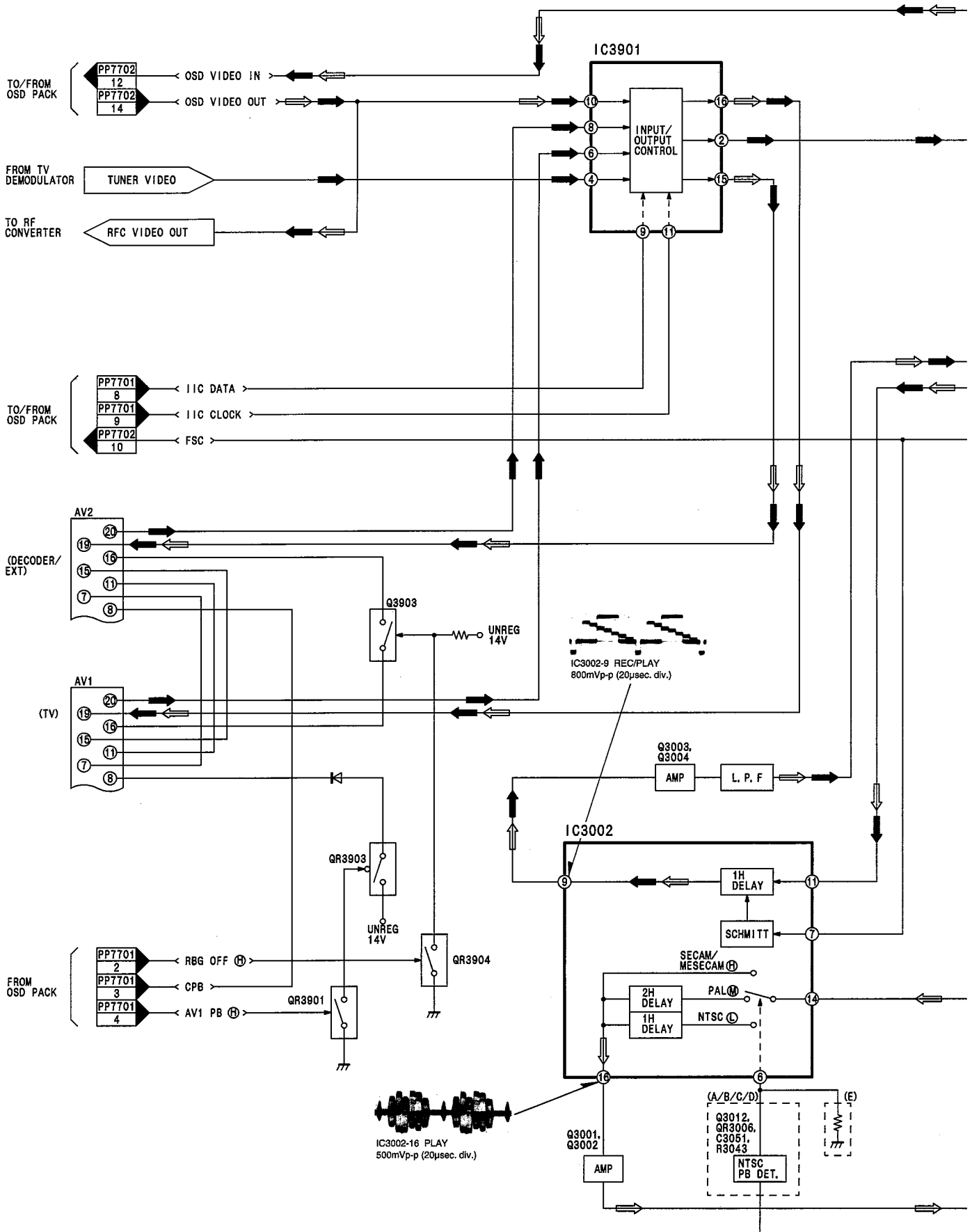
### 3-2. TIMER BLOCK DIAGRAM

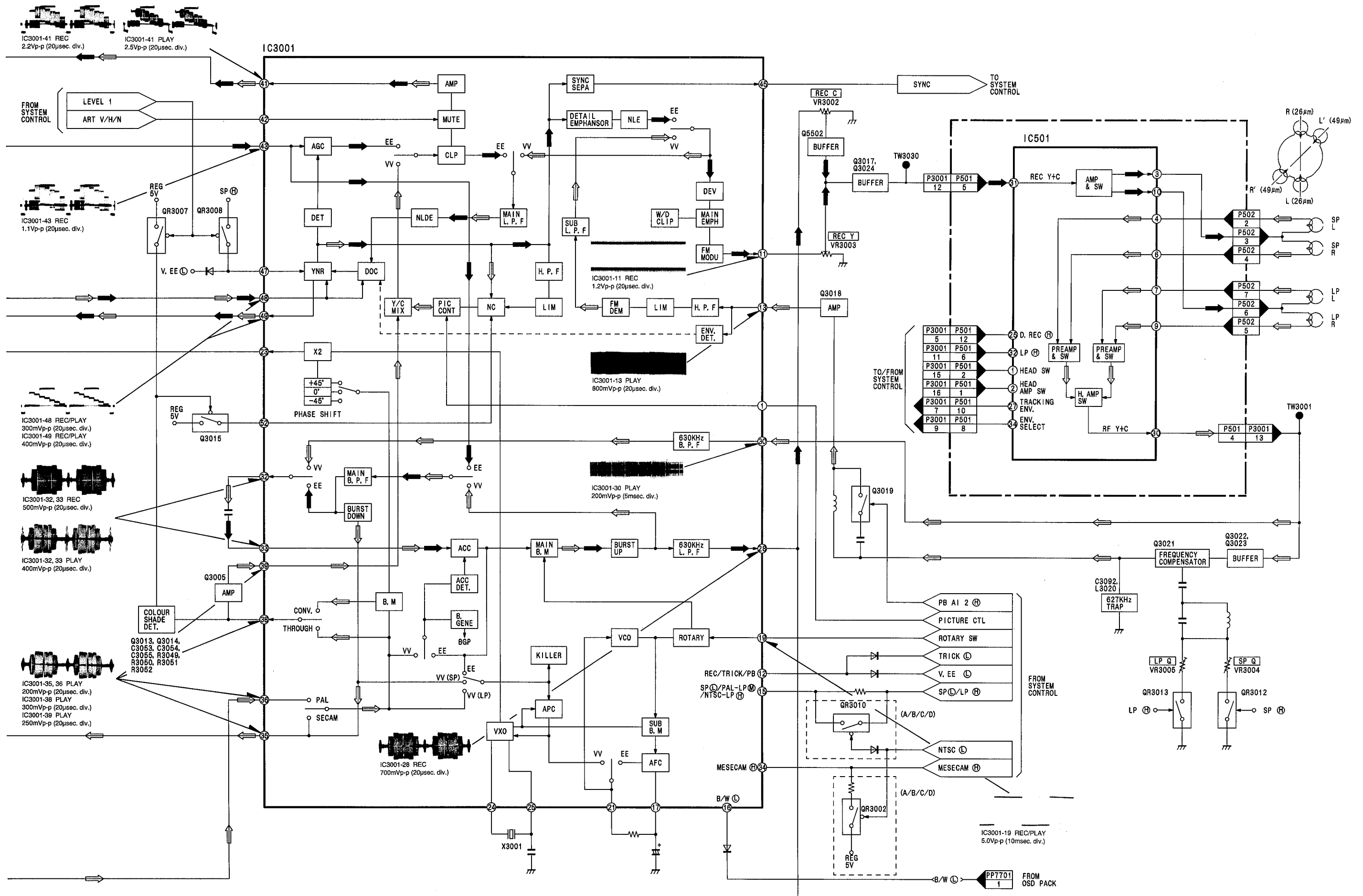
IC7501



### 3-3. LUMINANCE & CHROMINANCE BLOCK DIAGRAM

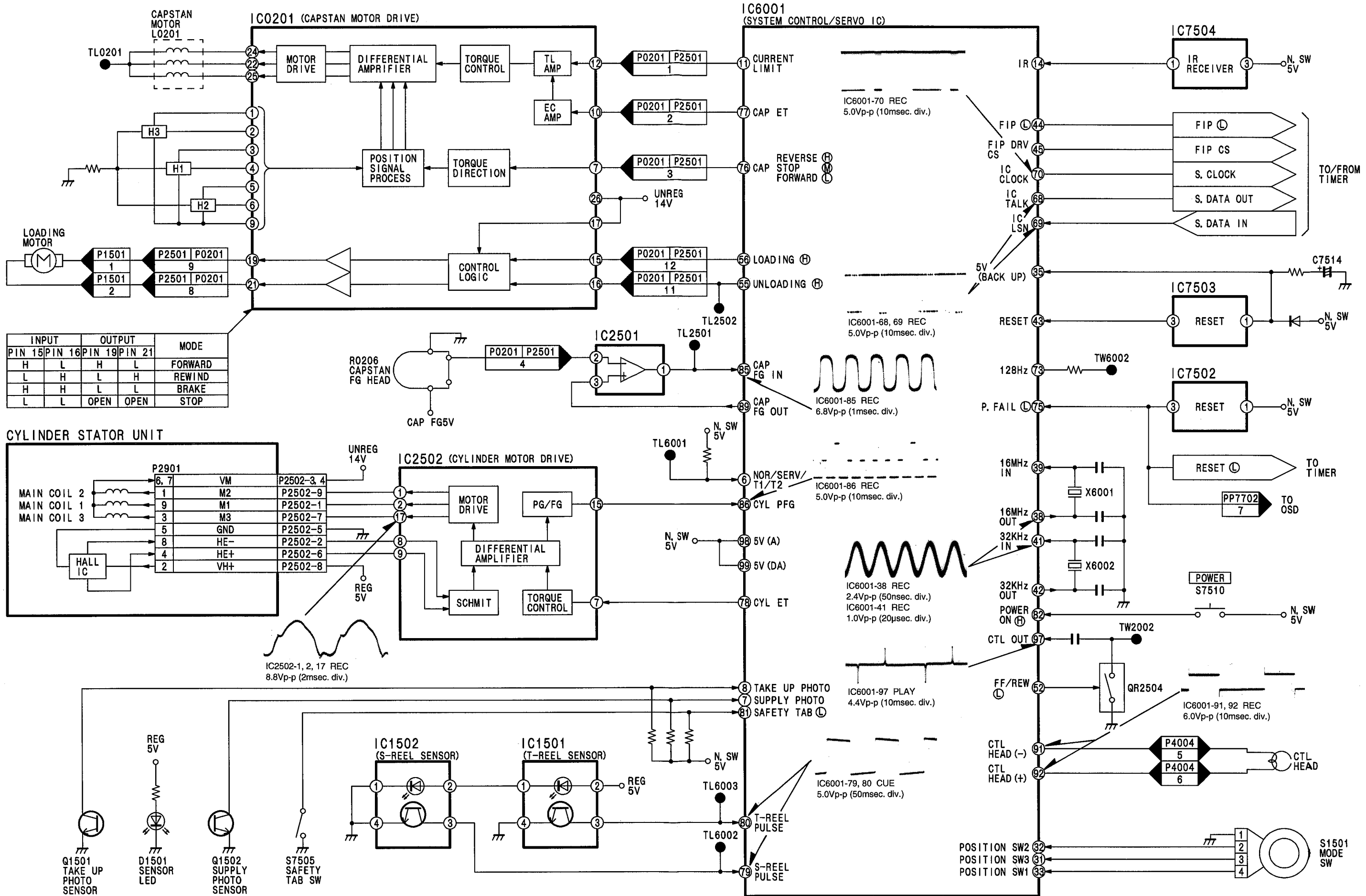
 MAIN SIGNAL PATH IN REC MODE  
 MAIN SIGNAL PATH IN PLAYBACK MODE







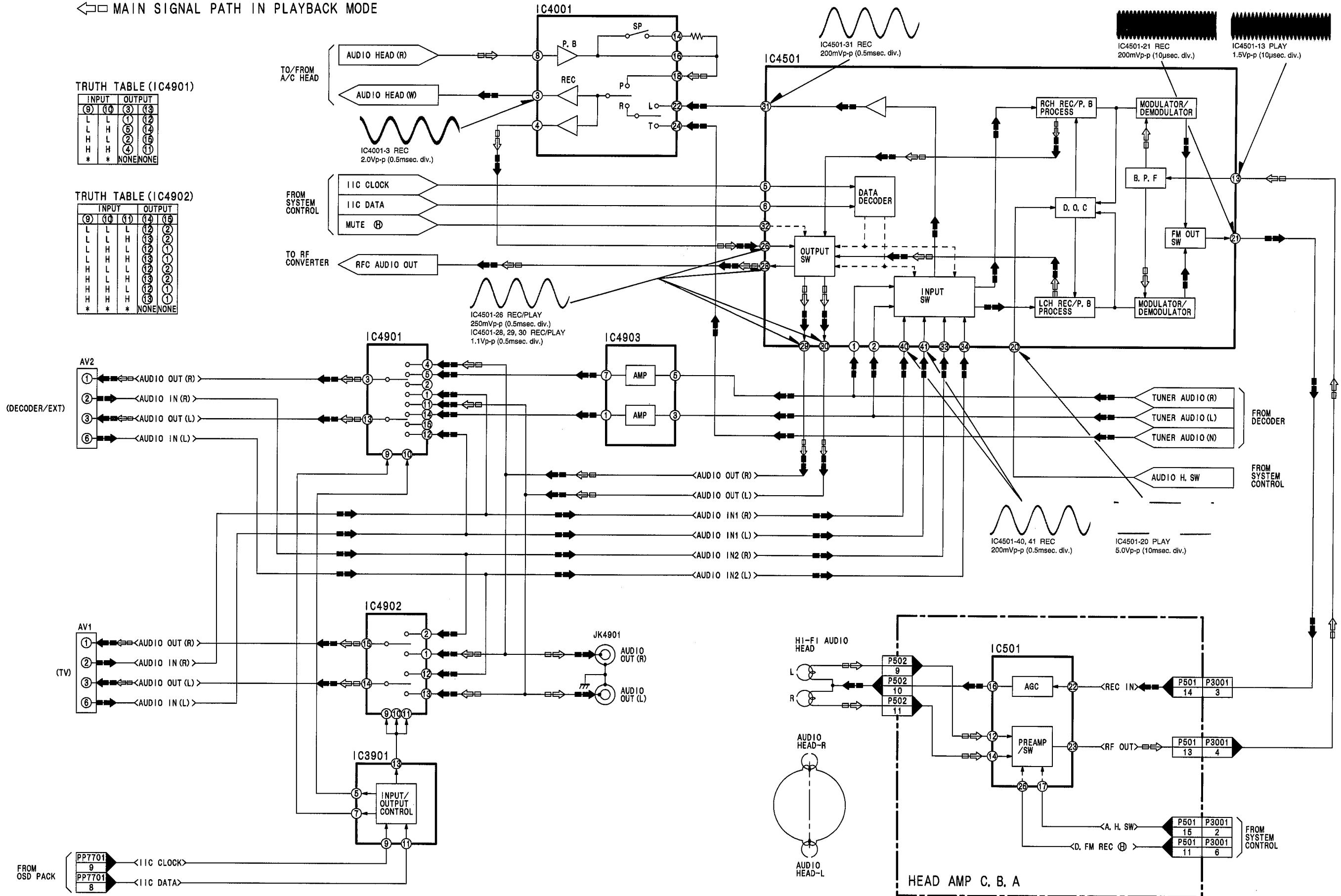
### 3-4. SYSTEM CONTROL & SERVO BLOCK DIAGRAM



### 3-5. HI-FI AUDIO BLOCK DIAGRAM

← MAIN SIGNAL PATH IN REC MODE

⇐ MAIN SIGNAL PATH IN PLAYBACK MODE



TRUTH TABLE (IC4901)

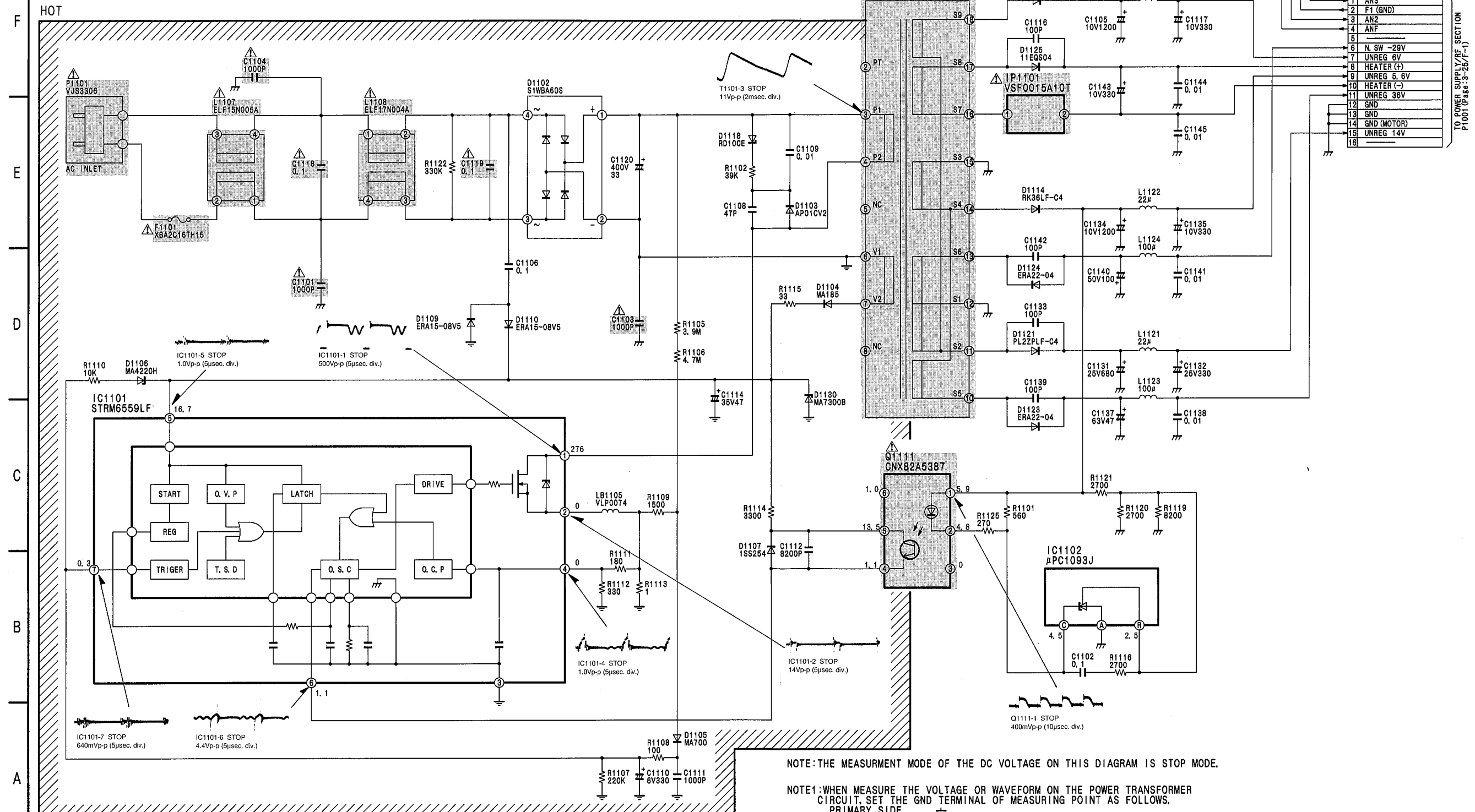
INPUT	OUTPUT
(9) (10) (3) (13)	
L L L L	1 12
L H L L	6 14
H L L L	2 15
H H L L	4 11
* * * *	NONE/NONE

TRUTH TABLE (IC4902)

INPUT	OUTPUT
(9) (10) (11) (14) (15)	
L L L L L	12 2 2
L L H L L	13 13 2
L L L L L	13 13 1
H L L L L	12 2 2
H H L L L	13 13 1
H H H L L	12 2 1
* * * * *	NONE/NONE

### 3-6. POWER SCHEMATIC DIAGRAM

**CAUTION** THE RED MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.  
 PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.



**IMPORTANT SAFETY NOTICE:**  
 COMPONENTS IDENTIFIED WITH THE MARK HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.  
 WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

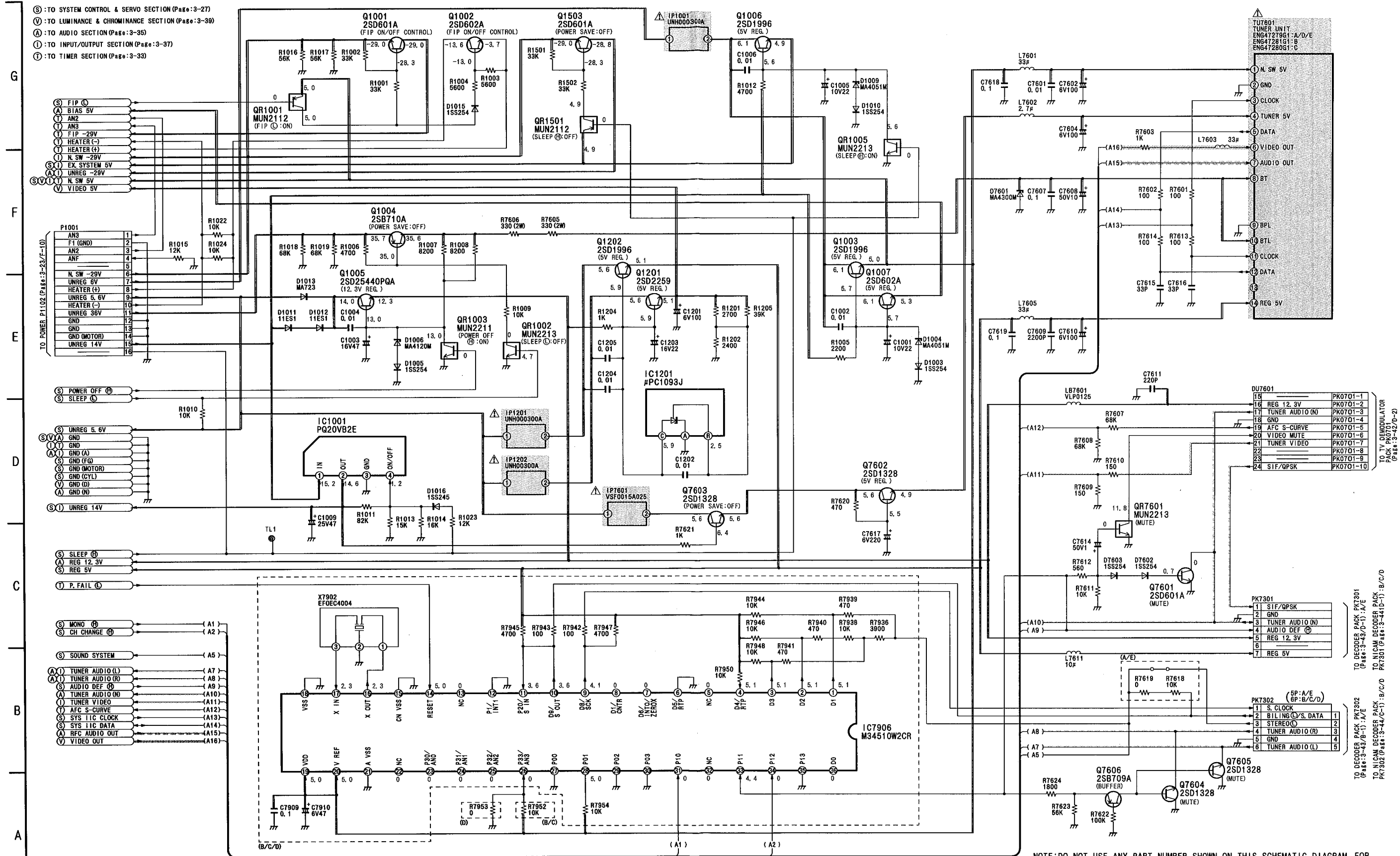
NOTE1: WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.  
 PRIMARY SIDE: ...  
 SECONDARY SIDE: ...

NOTE2: THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 240V.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

### 3-7. POWER SUPPLY/RF SECTION IN MAIN SCHEMATIC DIAGRAM

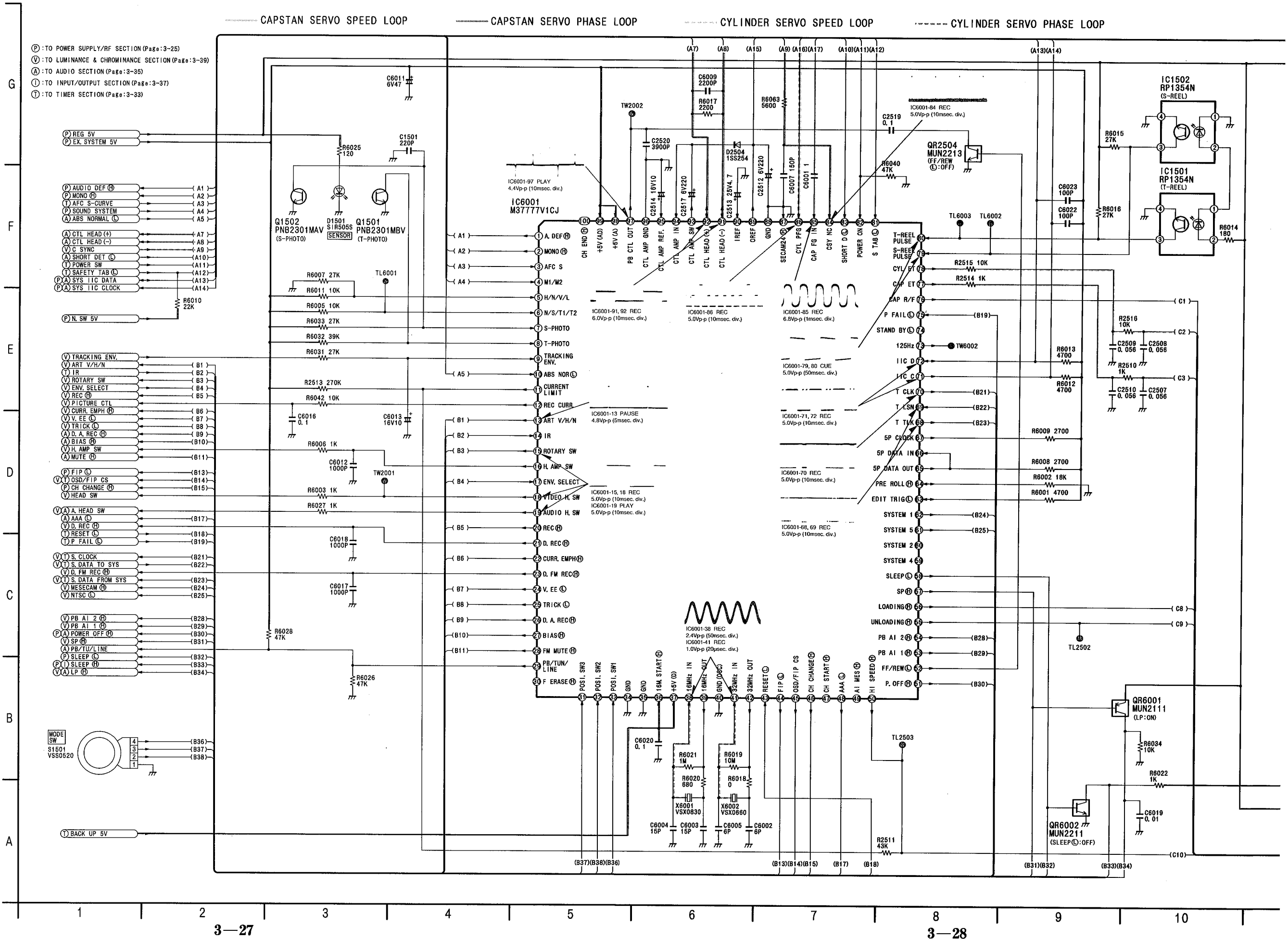
VIDEO MAIN SIGNAL PATH IN REC MODE  
 VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE  
 AUDIO MAIN SIGNAL PATH IN REC MODE  
 AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

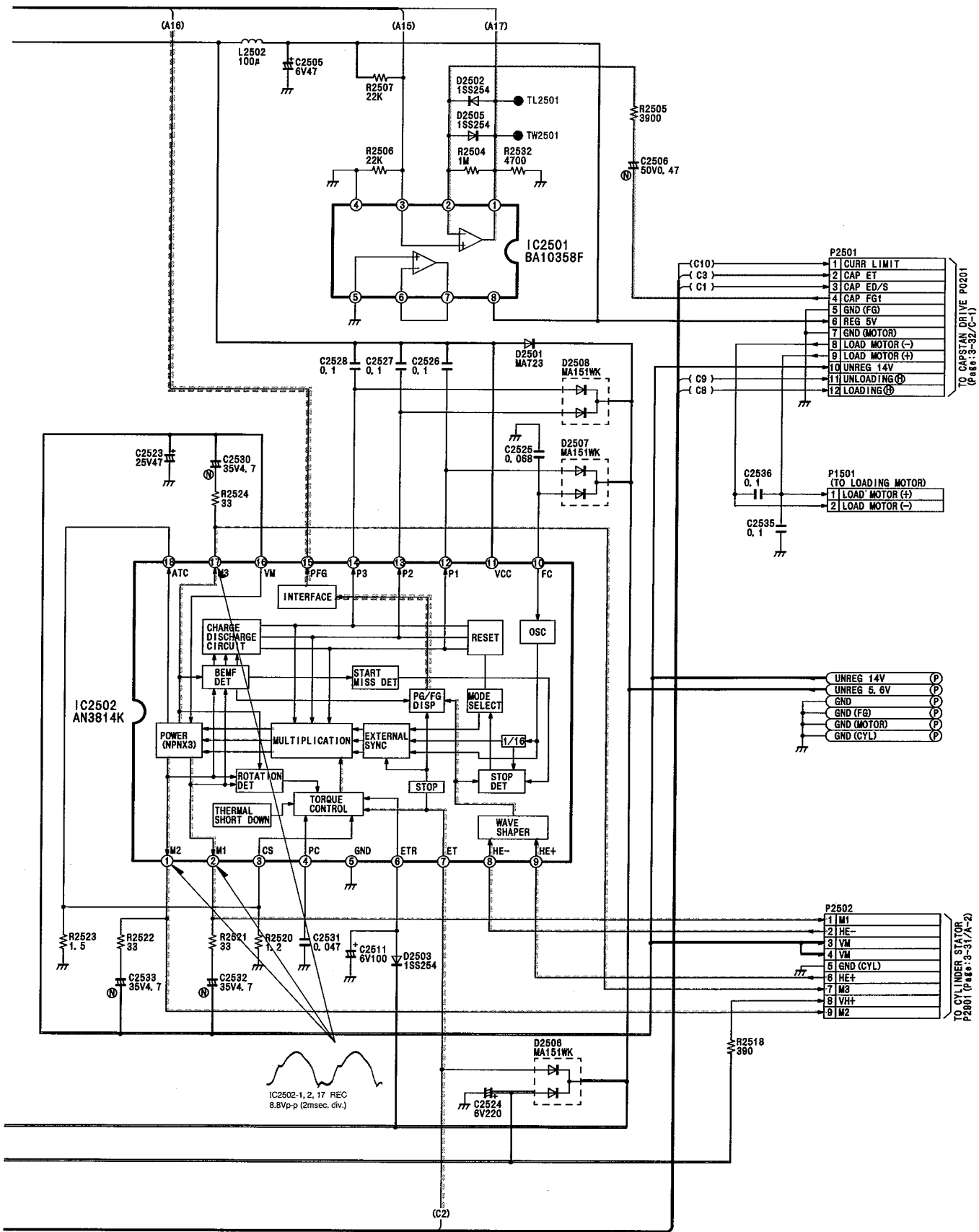


**IMPORTANT SAFETY NOTICE:**  
 COMPONENTS IDENTIFIED WITH THE MARK  $\Delta$  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.  
 WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

**NOTE:** DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.  
**NOTE:** THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

### 3-8. SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM



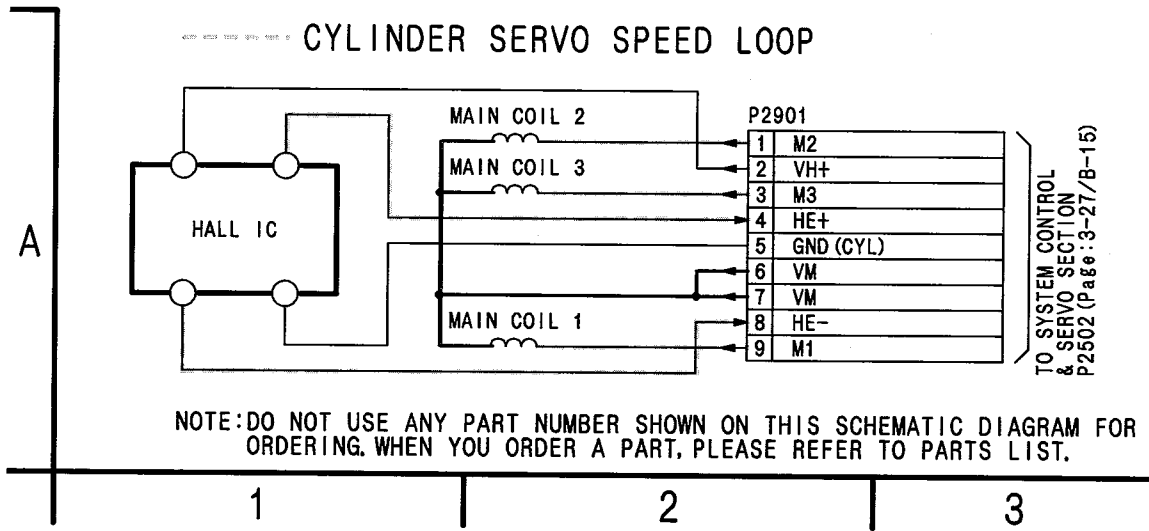


NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

## SYSTEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

REF. NO.	IC1501								IC1502											
MODE	1	2	3	4					1	2	3	4								
STOP	1.1	2.3	5.1	0					0	1.1	5.1	0								
PLAY	1.1	2.3	3.8	0					0	1.1	5.1	0								
REC	1.1	2.3	3.8	0					0	1.1	5.1	0								
F.F	1.1	2.3	2.4	0					0	1.1	2.4	0								
REW	1.1	2.3	2.5	0					0	1.1	2.4	0								
REF. NO.	IC2501																			
MODE	1	2	3	4	5	6	7	8												
STOP	2.4	2.4	2.4	0	0	0	0	5.0												
PLAY	2.4	2.4	2.4	0	0	0	0	5.0												
REC	2.4	2.4	2.4	0	0	0	0	5.0												
F.F	2.4	2.4	2.4	0	0	0	0	5.0												
REW	2.4	2.4	2.4	0	0	0	0	5.0												
REF. NO.	IC2502																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
STOP	14.7	14.7	0	0	0	2.5	4.0	1.0	1.0	1.2	5.1	4.3	4.3	3.9	5.1	14.7	14.7	0		
PLAY	14.4	14.4	0	0.5	0	2.5	2.5	1.0	1.0	2.7	5.1	3.8	3.8	3.8	1.1	14.6	14.4	0		
REC	14.4	14.4	0	0.5	-0.1	2.5	2.5	1.0	1.0	2.8	5.1	3.8	3.8	3.8	1.1	14.6	14.4	0		
F.F	14.4	14.4	0	0.5	0	2.5	2.5	1.0	1.0	2.7	5.1	3.8	3.8	3.8	1.1	14.6	14.4	0		
REW	14.4	14.4	0	5.0	0	2.5	2.5	1.0	1.0	2.7	5.1	3.8	3.8	3.8	1.1	14.6	14.4	0		
REF. NO.	IC6001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	0	0	2.7	5.1	3.6	4.9	4.9	4.5	0.6	4.1	0	1.6	0	5.0	0	0	0	0	0	0
PLAY	4.4	0	2.7	5.1	3.6	4.9	4.9	4.5	3.8	4.1	4.6	0.8	0	5.0	2.3	0	4.9	2.3	2.3	0
REC	4.4	0	2.7	5.1	3.6	4.9	4.8	4.5	2.2	4.1	4.6	2.5	0	5.0	2.3	0	0	2.3	0	4.7
F.F	4.4	0	2.7	5.1	3.6	4.9	4.8	4.4	1.6	4.1	4.9	1.6	0	5.0	0	0	0	2.3	0	0
REW	4.4	0	2.7	5.1	3.6	4.9	4.8	4.5	3.1	0.3	4.9	1.6	0	5.0	0	0	0	2.3	0	0
REF. NO.	IC6001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	0	0	0	0	4.7	0	0	0	0	0	0	4.7	4.7	0	0	4.7	4.7	2.2	2.2	0
PLAY	0	0	0	4.7	4.7	0	0	0	4.7	0	4.7	0	0	0	0	4.7	4.7	2.2	2.2	0
REC	4.7	0	4.7	0	4.7	4.7	4.7	0	0	4.7	4.7	0	0	0	0	4.7	4.7	2.2	2.2	0
F.F	0	0	0	0	4.7	0	0	0	0	0	4.7	4.7	0	0	0	4.7	4.7	-	-	0
REW	0	0	0	0	4.7	0	0	0	0	0	4.7	4.7	0	0	0	4.7	4.7	-	-	0
REF. NO.	IC6001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP	1.3	0.8	4.7	0	2.4	0	0	4.6	0	0.1	0	4.7	0	0	0	0	4.7	4.7	0	0
PLAY	1.3	0.9	4.7	0	2.4	0	0	4.3	0	0.3	0	4.7	4.7	0	0	0	4.7	4.7	0	0
REC	1.2	0.9	4.7	0	2.3	0	0	4.6	0	0.4	0	4.7	0	0	0	0	4.6	4.7	0	0
F.F	1.3	0.9	4.7	0	2.3	0	0	4.6	0	4.6	0	0	0	0	0	0	4.6	4.7	0	0
REW	1.3	0.8	4.7	0	2.4	0	0	4.6	0	4.6	0	0	0	0	0	0	4.6	4.7	0	0
REF. NO.	IC6001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	4.7	0	4.9	0	4.8	4.8	4.8	4.4	4.2	4.4	3.0	2.9	2.3	4.7	5.0	0	0	4.0	5.1	5.1
PLAY	4.7	0	4.9	0	4.8	4.8	4.8	4.4	4.2	4.4	3.0	2.8	2.3	4.7	5.0	0	0	2.5	5.0	3.7
REC	4.7	0	4.9	0	4.8	4.8	4.8	4.4	4.2	4.4	3.0	2.9	2.3	4.7	5.0	0	2.4	2.5	5.0	3.7
F.F	4.7	0	4.9	0	4.8	4.8	4.8	4.4	4.2	4.4	3.0	2.8	2.3	4.7	5.0	0	0	2.5	2.4	2.5
REW	4.7	0	4.9	0	4.8	4.8	4.8	4.4	4.2	4.4	3.0	2.8	2.3	4.7	5.0	4.7	2.7	2.5	2.4	2.4
REF. NO.	IC6001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
STOP	0	0	0.1	0.4	2.4	5.1	0	0	2.4	2.4	0	0	0	2.4	2.4	0	2.4	4.9	4.9	0.2
PLAY	0	0	0.4	0.4	2.4	1.1	0	0	2.4	2.2	0	0	0	0	2.4	0	2.4	4.9	4.9	0.2
REC	0	0	4.6	0.4	2.4	1.1	0	0	2.4	2.4	2.2	2.7	0	2.4	2.4	0	2.4	4.9	4.9	0.4
F.F	0	0	0.3	0.4	2.4	1.1	0	0	2.4	2.4	0	0	0	2.4	2.4	0	2.4	4.9	4.9	0.2
REW	0	0	0.3	0.4	2.4	1.1	0	0	2.4	2.4	0	0	0	2.4	2.4	0	2.4	4.9	4.9	0.2

### 3-9. CYLINDER STATOR UNIT SCHEMATIC DIAGRAM

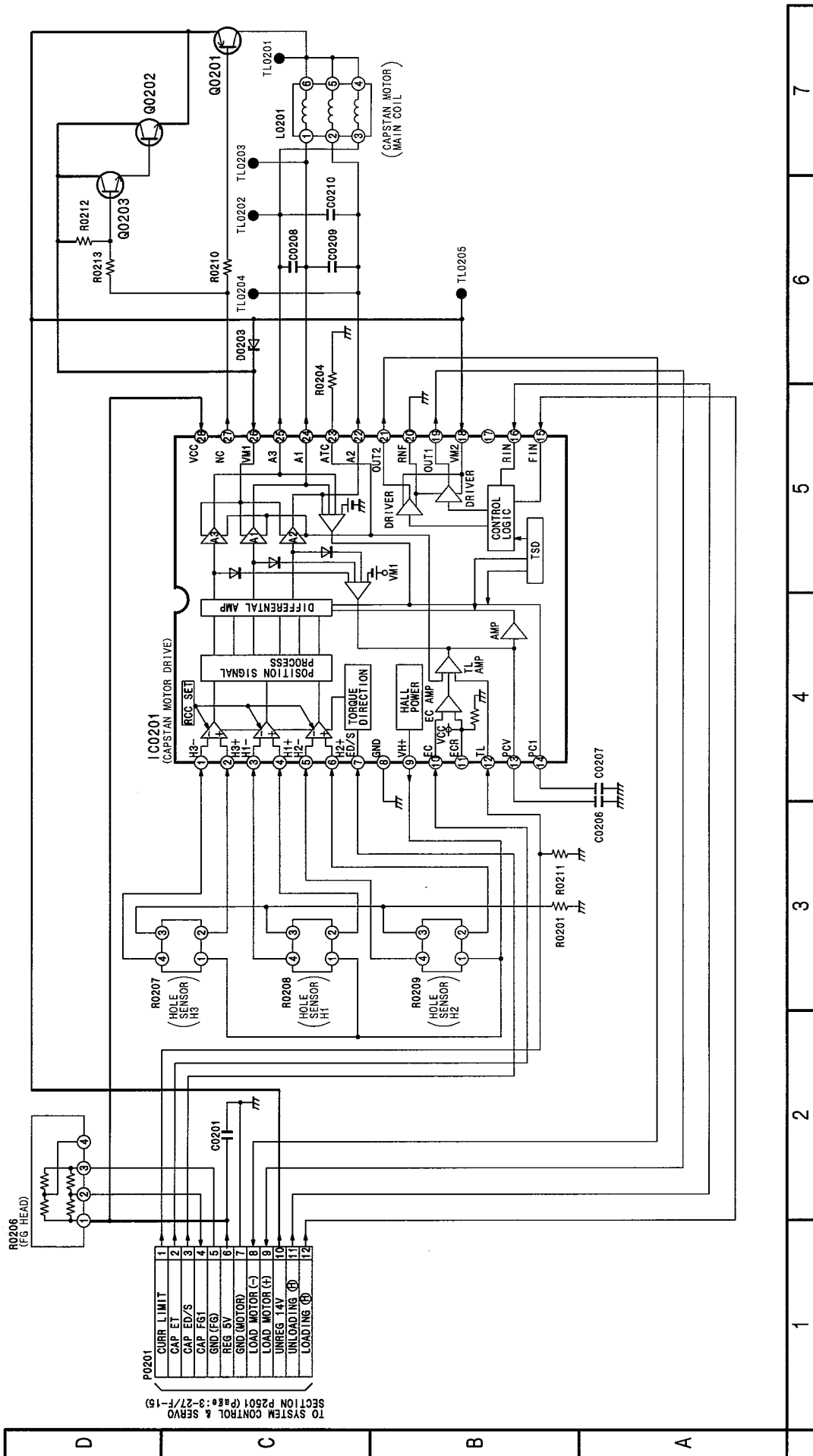


### SYSTEM CONTROL & SERVO TRs DC VOLTAGE CHART (SP MODE)

REF. NO.	Q1501			Q1502										
MODE	E	C		E	C									
STOP	4.5	0		4.9	0									
PLAY	4.5	0		4.9	0									
REC	4.5	0		4.9	0									
F.F	4.3	0		4.8	0									
REW	4.3	0		4.8	0									
REF. NO.	QR2504			QR6001			QR6002							
MODE	E	C	B	E	C	B	E	C	B					
STOP	0	0	4.7	5.1	0.3	4.7	0	0	4.7					
PLAY	0	0	4.7	5.1	0.3	4.7	0	0	4.7					
REC	0	0	4.7	5.1	0.3	4.7	0	0	4.7					
F.F	0	1.9	0	5.1	0.3	4.6	0	0	4.7					
REW	0	1.9	0	5.1	0.3	4.6	0	0	4.7					

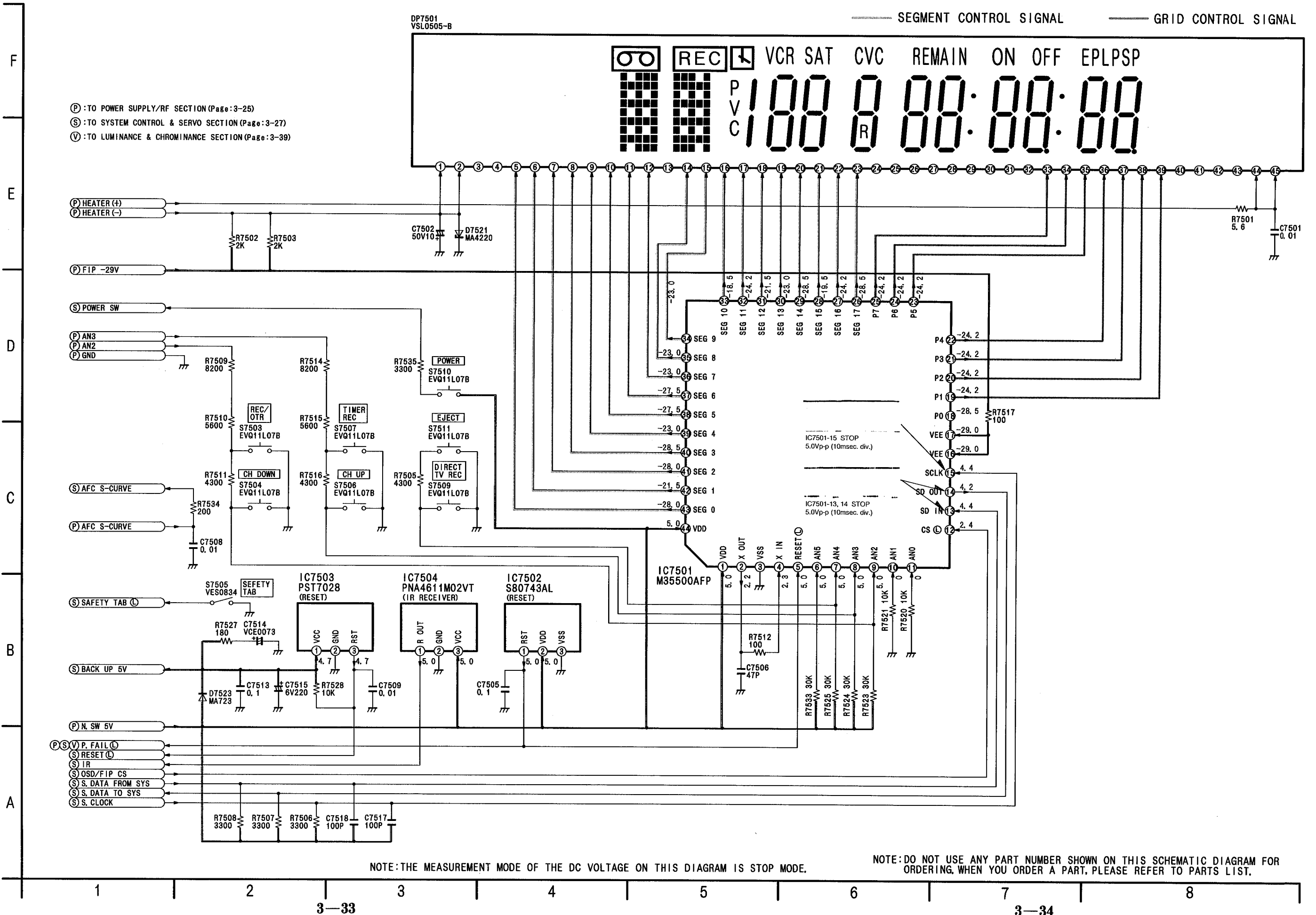


# 3-10. CAPSTAN UNIT SCHEMATIC DIAGRAM

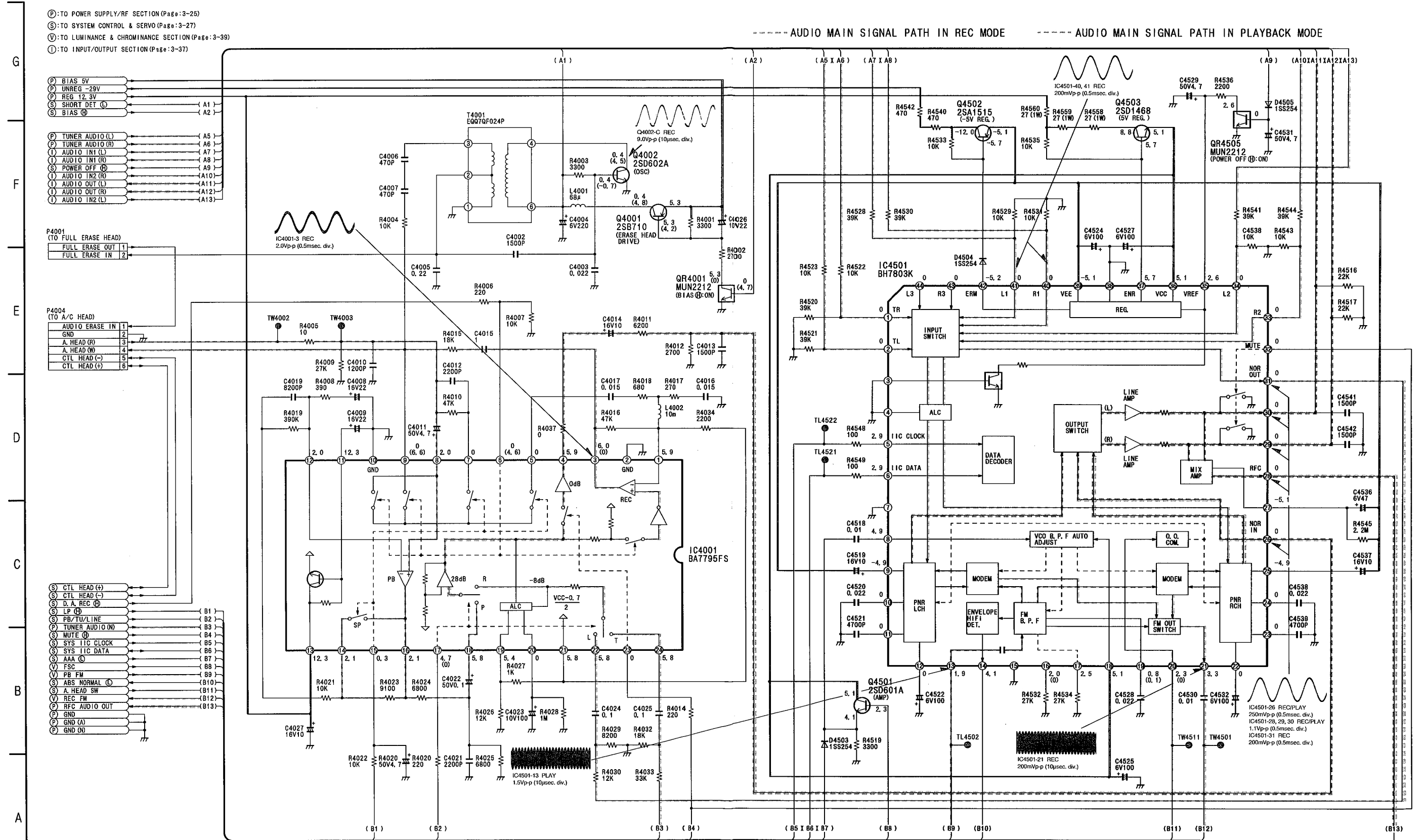


TO SYSTEM CONTROL & SERVO SECTION P2501 (Page 3-27/F-15)

### 3-11. TIMER SECTION IN MAIN SCHEMATIC DIAGRAM



### 3-12. AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM



NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

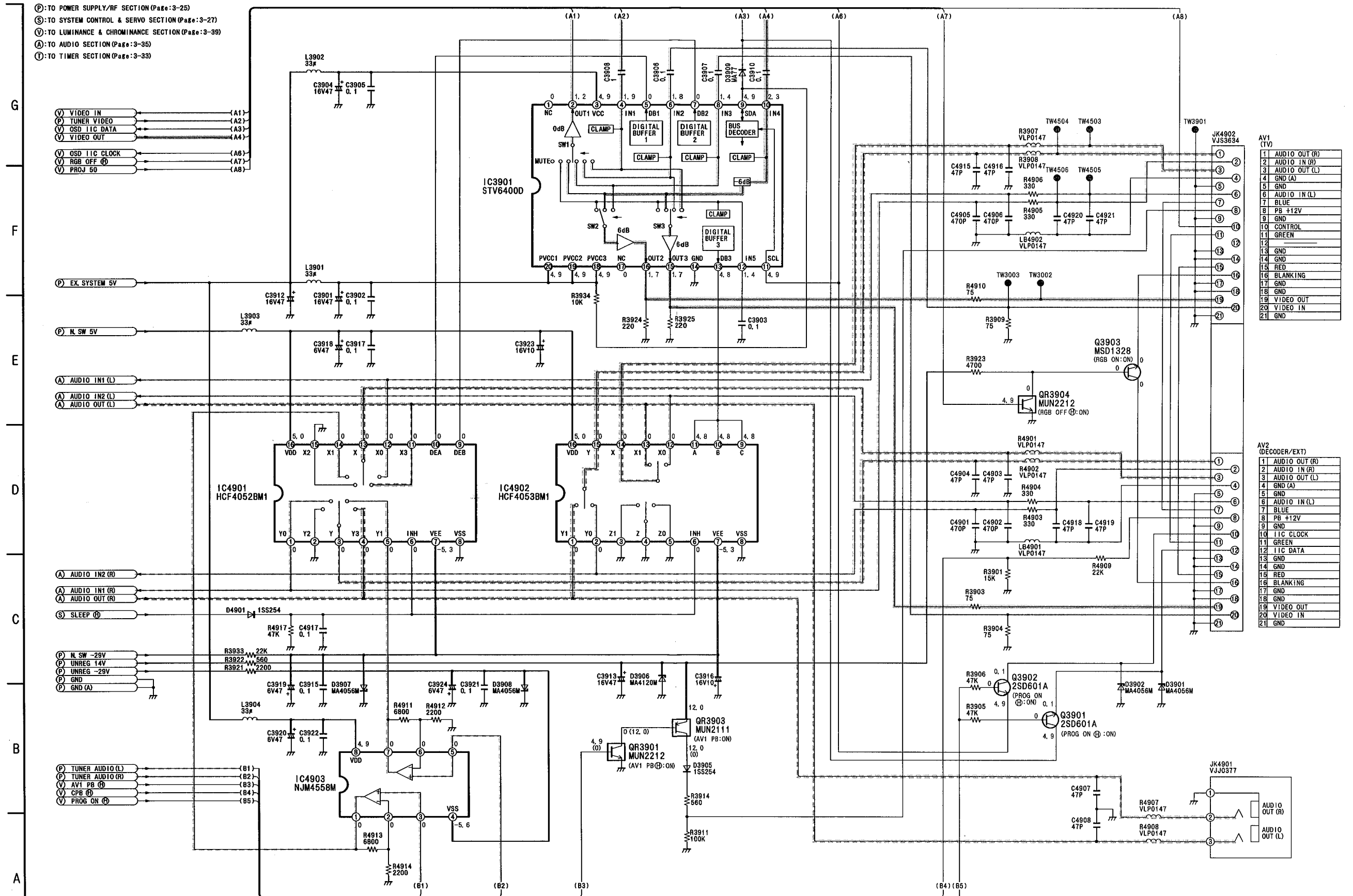
• LINE IS SIGNAL LEVEL... -10dB 1kHz

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

### 3-13. INPUT/OUTPUT SECTION IN MAIN SCHEMATIC DIAGRAM

— VIDEO MAIN SIGNAL PATH IN REC MODE  
 — VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

--- AUDIO MAIN SIGNAL PATH IN REC MODE  
 --- AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



- Ⓟ: TO POWER SUPPLY/RF SECTION (Page:3-25)
- Ⓢ: TO SYSTEM CONTROL & SERVO SECTION (Page:3-27)
- Ⓥ: TO LUMINANCE & CHROMINANCE SECTION (Page:3-39)
- Ⓐ: TO AUDIO SECTION (Page:3-35)
- Ⓣ: TO TIMER SECTION (Page:3-33)

- Ⓥ VIDEO IN (A1)
- Ⓟ TUNER VIDEO (A2)
- Ⓥ OSD IIC DATA (A3)
- Ⓥ VIDEO OUT (A4)
- Ⓥ OSD IIC CLOCK (A6)
- Ⓥ RGB OFF (A7)
- Ⓥ PROJ 50 (A8)

- Ⓟ EX. SYSTEM 5V
- Ⓟ N. SW 5V
- Ⓐ AUDIO IN1 (L)
- Ⓐ AUDIO IN2 (L)
- Ⓐ AUDIO OUT (L)

- Ⓐ AUDIO IN2 (R)
- Ⓐ AUDIO IN1 (R)
- Ⓐ AUDIO OUT (R)
- Ⓢ SLEEP (S)
- Ⓟ N. SW -29V
- Ⓟ UNREG 14V
- Ⓟ UNREG -29V
- Ⓢ GND
- Ⓢ GND (A)

- Ⓟ TUNER AUDIO (L) (B1)
- Ⓟ TUNER AUDIO (R) (B2)
- Ⓥ AV1 PB (B3)
- Ⓥ CPB (B4)
- Ⓥ PROG ON (B5)

- AV1 (TV)
- 1 AUDIO OUT (R)
  - 2 AUDIO IN (R)
  - 3 AUDIO OUT (L)
  - 4 GND (A)
  - 5 GND
  - 6 AUDIO IN (L)
  - 7 BLUE
  - 8 PB +12V
  - 9 GND
  - 10 CONTROL
  - 11 GREEN
  - 12
  - 13 GND
  - 14 GND
  - 15 RED
  - 16 BLANKING
  - 17 GND
  - 18 GND
  - 19 VIDEO OUT
  - 20 VIDEO IN
  - 21 GND

- AV2 (DECODER/EXT)
- 1 AUDIO OUT (R)
  - 2 AUDIO IN (R)
  - 3 AUDIO OUT (L)
  - 4 GND (A)
  - 5 GND
  - 6 AUDIO IN (L)
  - 7 BLUE
  - 8 PB +12V
  - 9 GND
  - 10 IIC CLOCK
  - 11 GREEN
  - 12 IIC DATA
  - 13 GND
  - 14 GND
  - 15 RED
  - 16 BLANKING
  - 17 GND
  - 18 GND
  - 19 VIDEO OUT
  - 20 VIDEO IN
  - 21 GND

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)  
 THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-14. LUMINANCE & CHROMINANCE SECTION IN MAIN SCHEMATIC DIAGRAM

- Ⓟ: TO POWER SUPPLY/RF SECTION (Page: 3-25)
- Ⓢ: TO SYSTEM CONTROL & SERVO SECTION (Page: 3-27)
- ⓐ: TO AUDIO SECTION (Page: 3-35)
- ⓑ: TO INPUT/OUTPUT SECTION (Page: 3-37)
- ⓓ: TO TIMER SECTION (Page: 3-33)

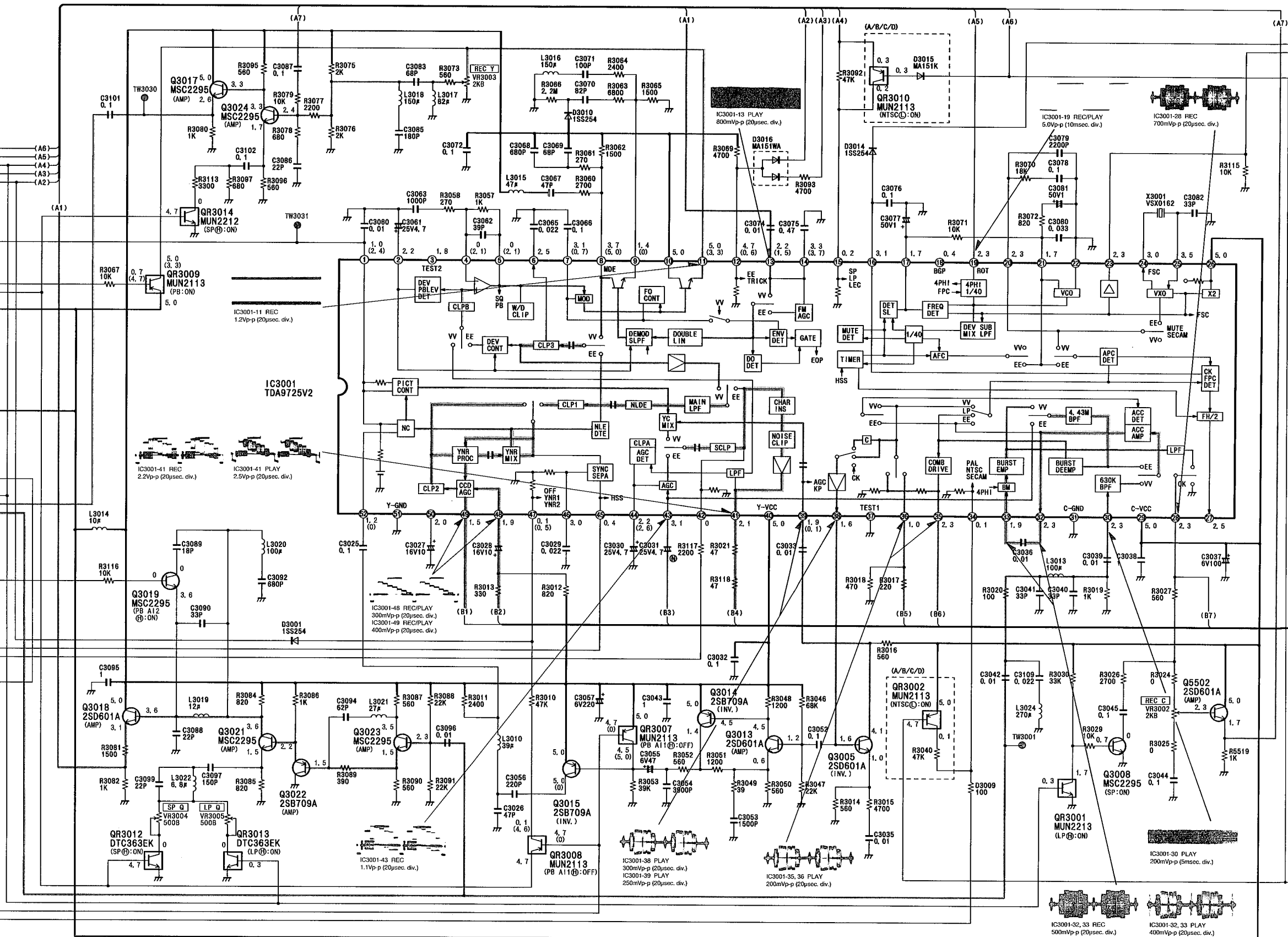
- Ⓢ NTSC ⓐ
- Ⓢ ROTARY SW ⓐ
- Ⓢ LP ⓐ
- Ⓢ TRICK ⓐ
- Ⓢ V. EE ⓐ
- Ⓢ A. HEAD SW ⓐ

- Ⓢ PICTURE CTL ⓐ
- Ⓢ CURR. EMPH ⓐ
- Ⓢ REC ⓐ
- Ⓢ SP ⓐ
- Ⓢ VIDEO 5V ⓐ
- ⓐ PB FM ⓐ
- Ⓢ TRACKING ENV. ⓐ
- Ⓢ D. FM REC ⓐ
- Ⓢ D. REC ⓐ
- ⓐ REC FM ⓐ

- | P3001                 |    |
|-----------------------|----|
| P501-16 VIDEO 5V      | 1  |
| P501-15 A. HEAD SW    | 2  |
| P501-14 REC FM        | 3  |
| P501-13 PB FM         | 4  |
| P501-12 D. REC ⓐ      | 5  |
| P501-11 D. FM REC ⓐ   | 6  |
| P501-10 TRACKING ENV. | 7  |
| P501-9 GND            | 8  |
| P501-8 ENV. SELECT    | 9  |
| P501-7 LP ⓐ           | 10 |
| P501-6 REC Y+C        | 11 |
| P501-4 RF Y+C         | 12 |
| P501-3 GND            | 13 |
| P501-2 HEAD SW        | 14 |
| P501-1 H. AMP SW      | 15 |
|                       | 16 |

- Ⓢ PB A1 2 ⓐ
- Ⓢ C SYNC ⓐ
- Ⓢ ART V/H/N ⓐ
- Ⓢ H. AMP SW ⓐ
- Ⓢ HEAD SW ⓐ
- Ⓢ ENV. SELECT ⓐ

- Ⓢ PB A1 1 ⓐ
- Ⓢ MESECAM ⓐ

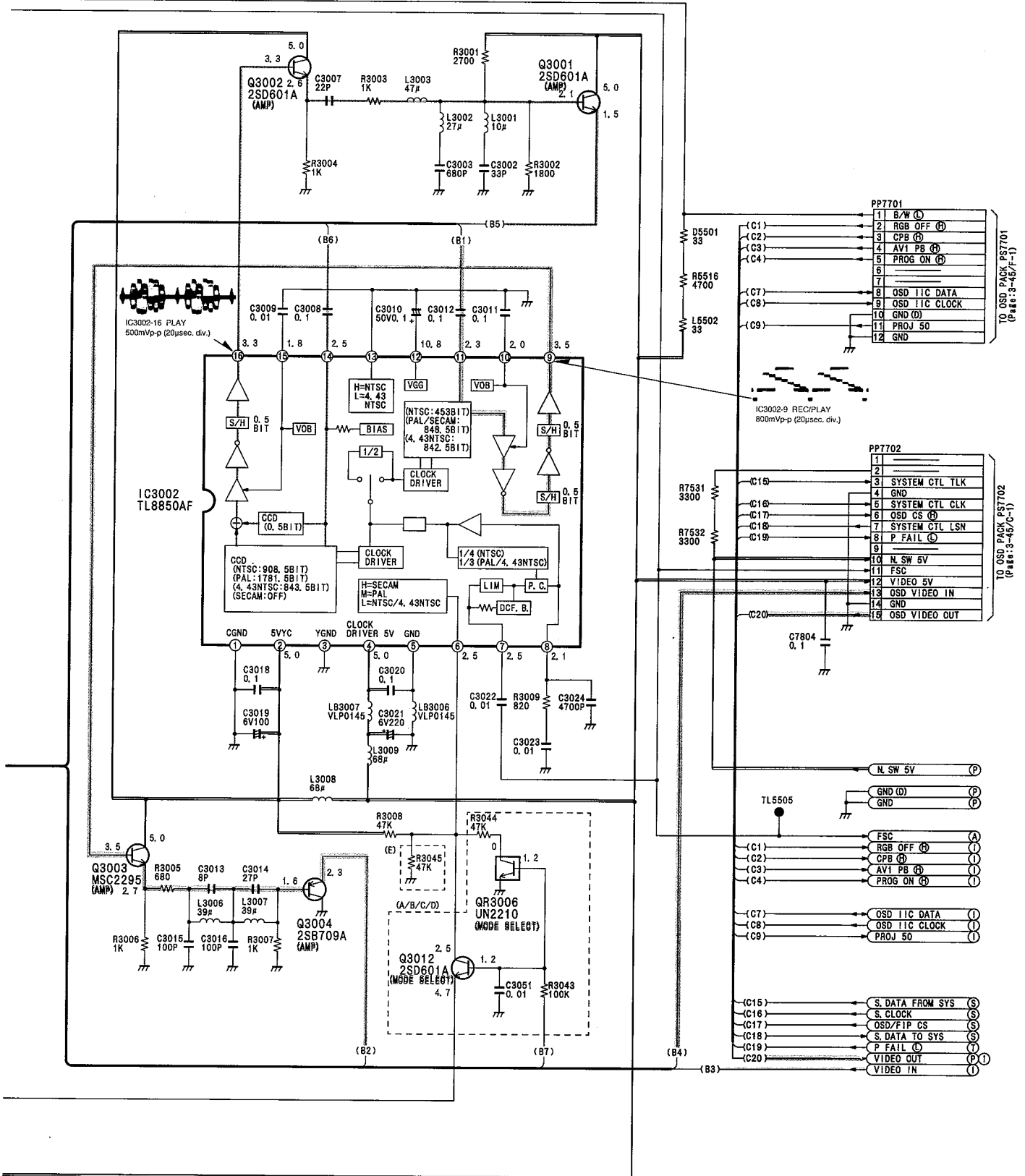


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

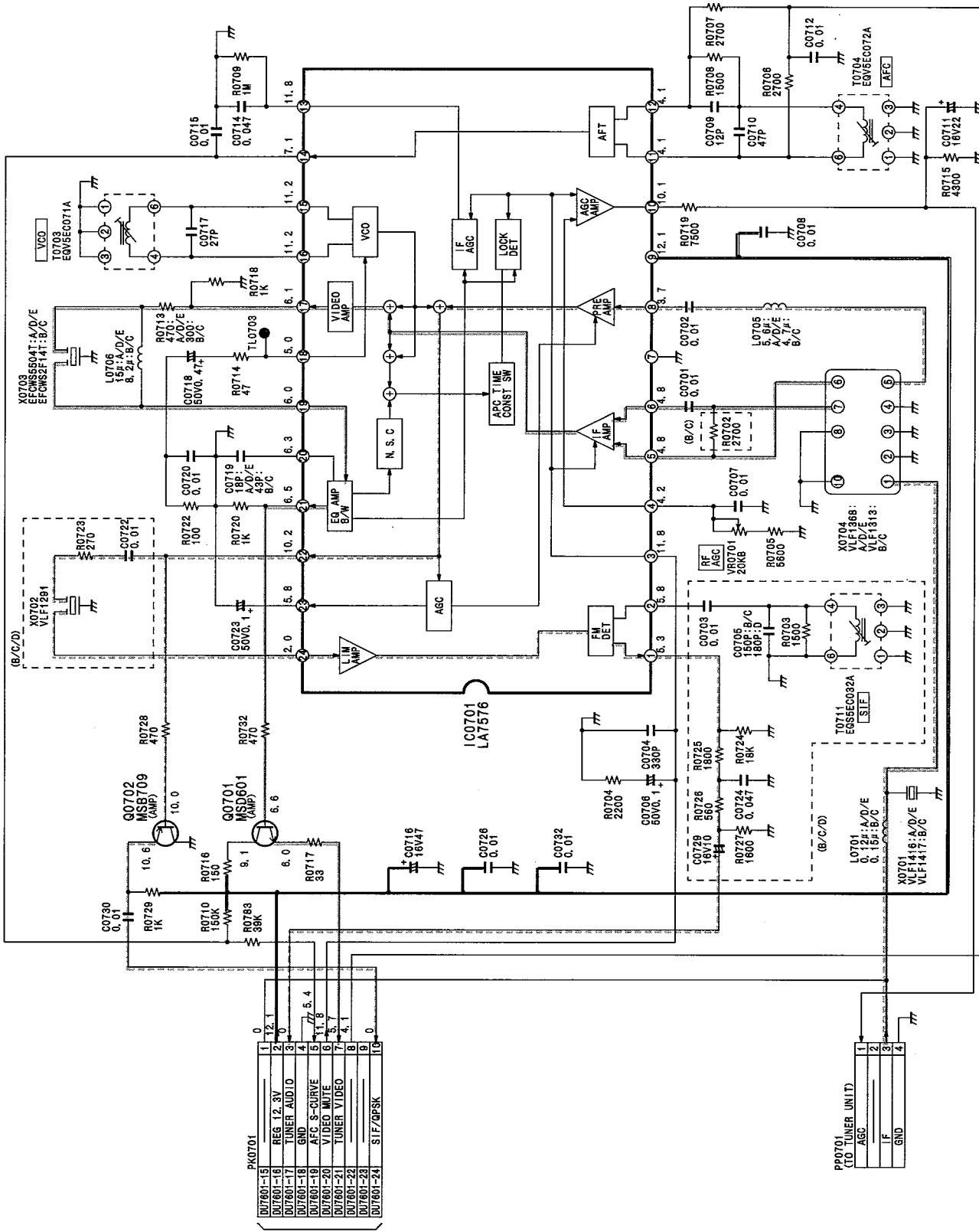


NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

# 3-15. TV DEMODULATOR PACK SCHEMATIC DIAGRAM

VIDEO SIGNAL PATH

AUDIO SIGNAL PATH



0	PK0701
1	07801-13
2	07801-16
3	07801-17
4	07801-18
5	07801-19
6	07801-20
7	07801-21
8	07801-22
9	07801-23
10	07801-24

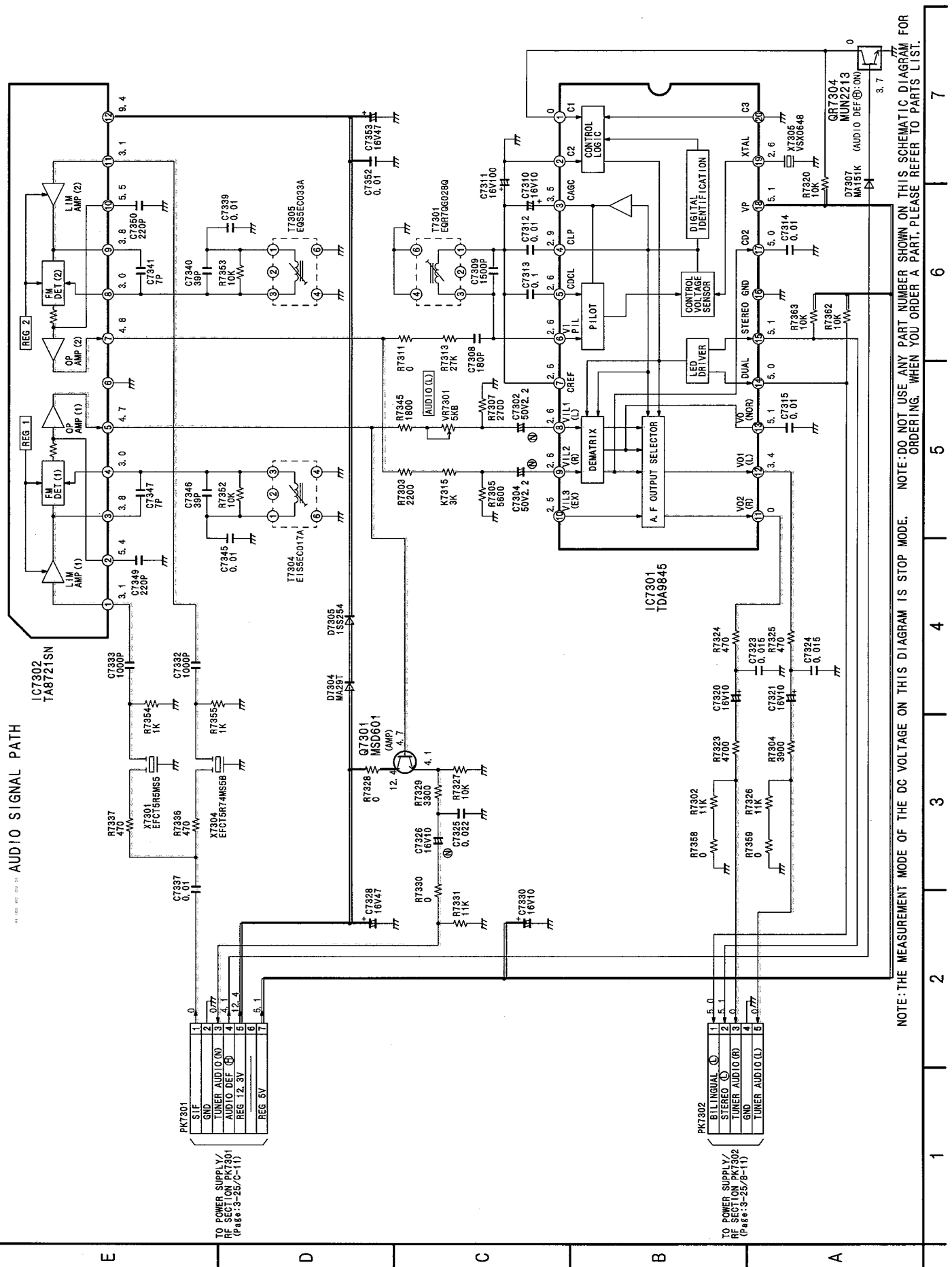
TO POWER SUPPLY/  
RF SECTION  
(P488-13-25/D-11)

1	PRO701 (TO TUNER UNIT)
2	ASC
3	IF
4	GND

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE. NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

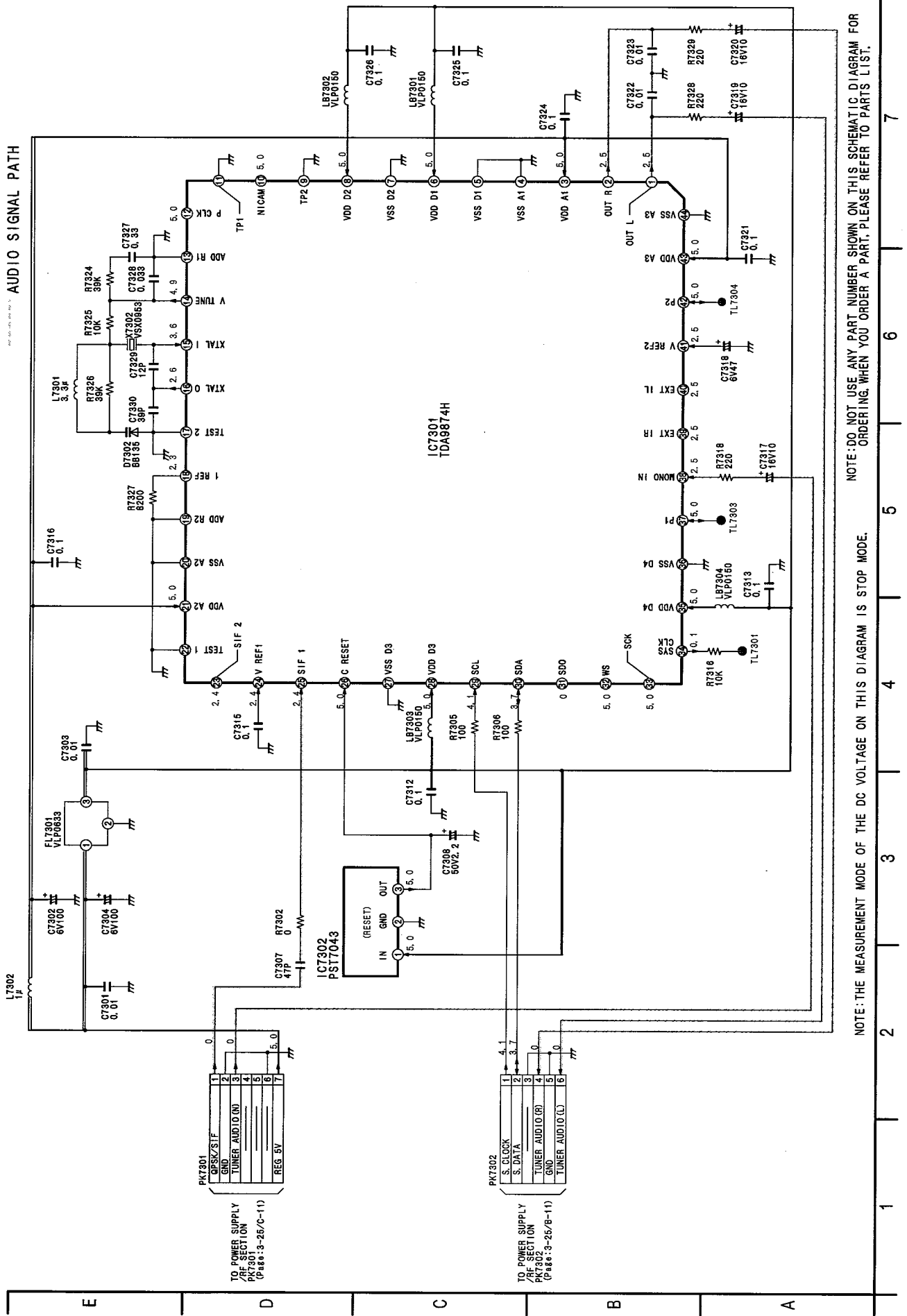
1 2 3 4 5 6 7

# 3-16. DECODER PACK SCHEMATIC DIAGRAM (NV-HD630EG/EG-S, HD628EG)

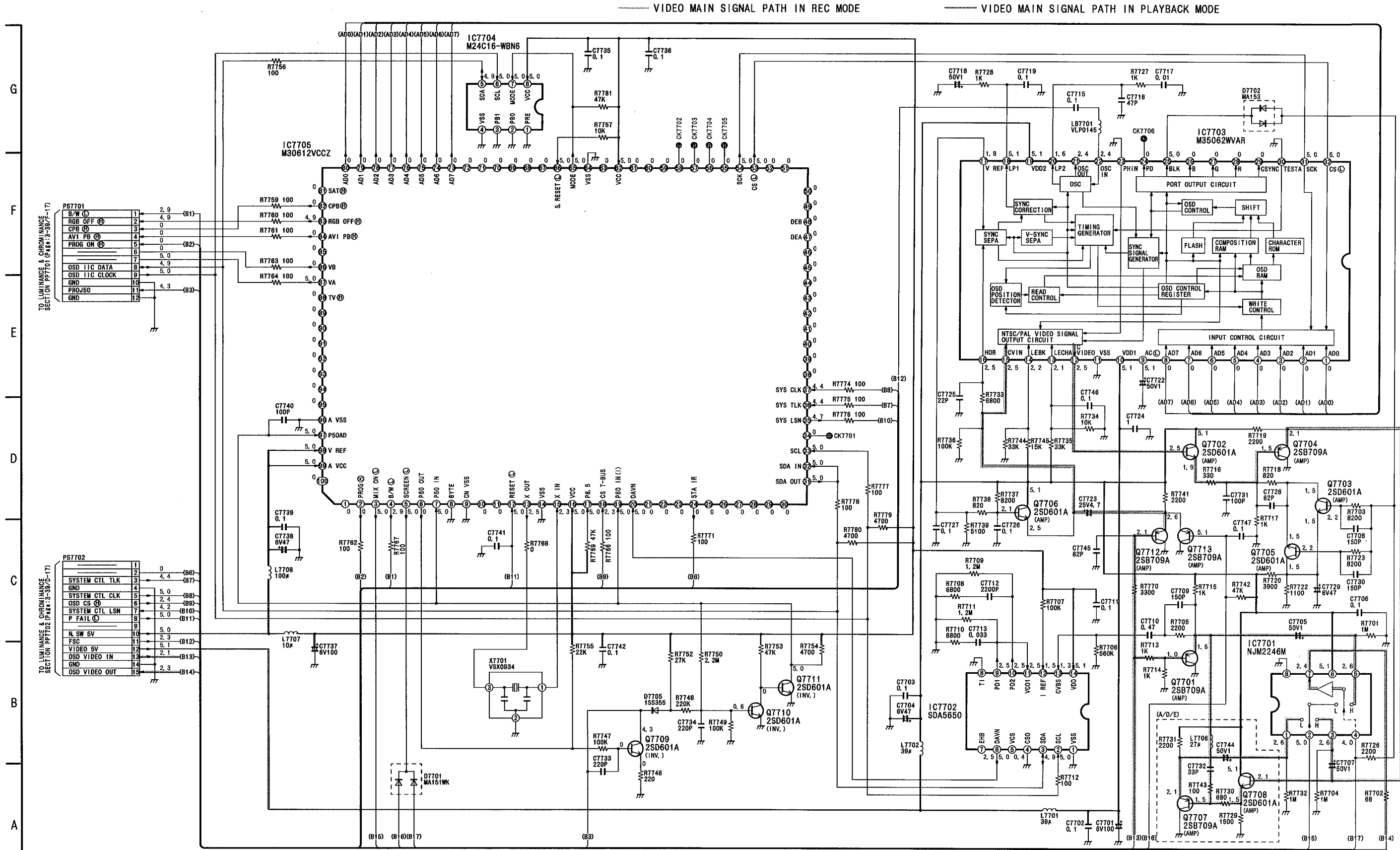




# 3-17. NICAM DECODER PACK SCHEMATIC DIAGRAM (NV-HD630B/B-S/BL/EC/EC-S)



### 3-18. OSD PACK SCHEMATIC DIAGRAM

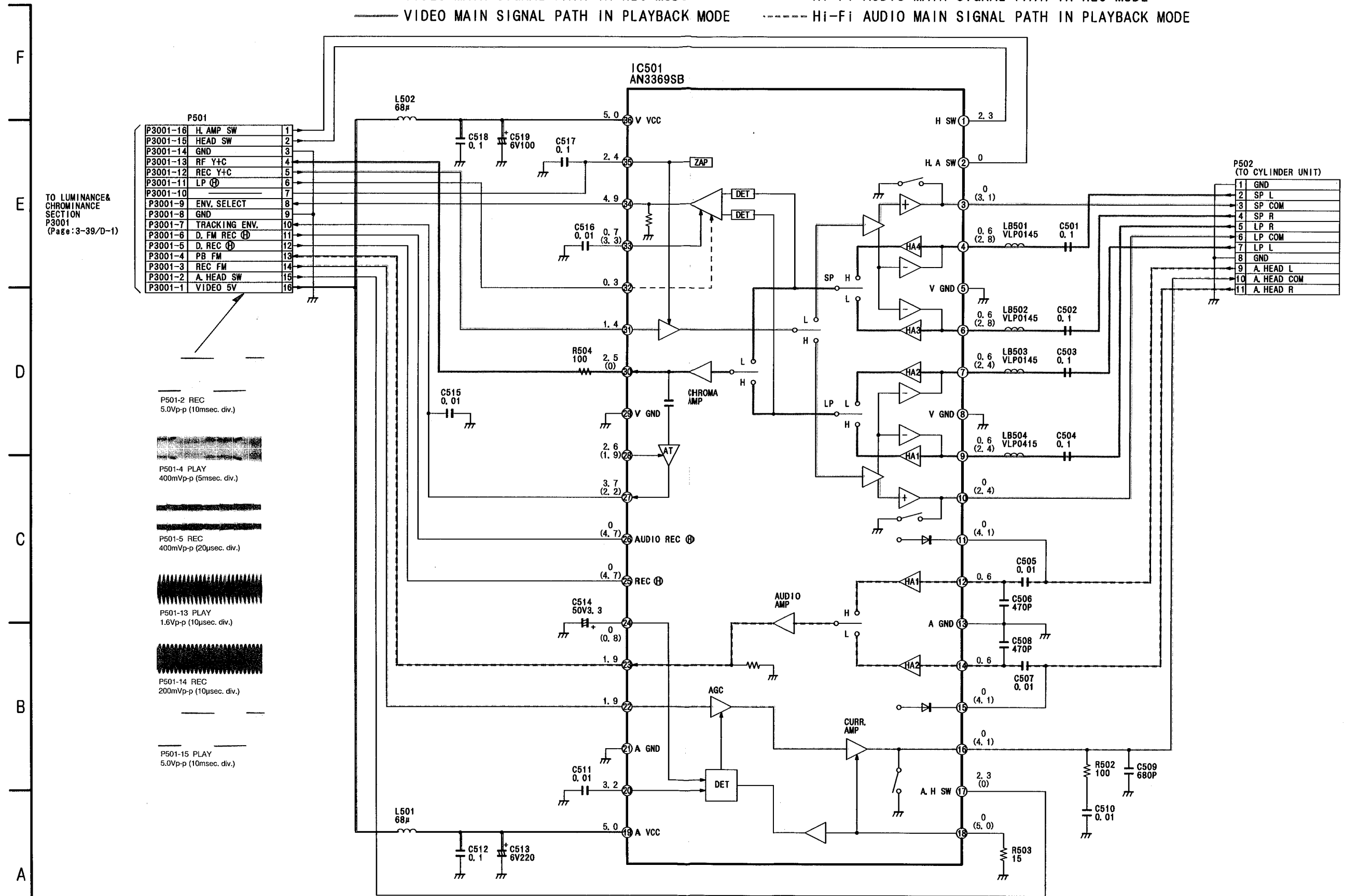


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

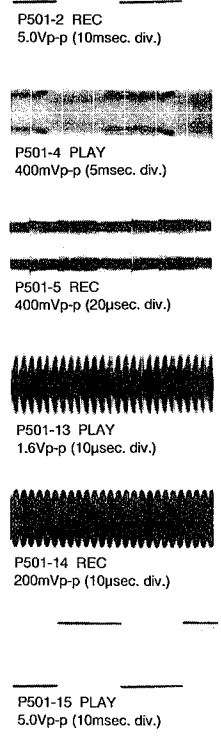
### 3-19. HEAD AMP SCHEMATIC DIAGRAM

VIDEO MAIN SIGNAL PATH IN REC MODE       Hi-Fi AUDIO MAIN SIGNAL PATH IN REC MODE  
 VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE       Hi-Fi AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



P501		
P3001-16	H. AMP SW	1
P3001-15	HEAD SW	2
P3001-14	GND	3
P3001-13	RF Y+C	4
P3001-12	REC Y+C	5
P3001-11	LP (⊕)	6
P3001-10		7
P3001-9	ENV. SELECT	8
P3001-8	GND	9
P3001-7	TRACKING ENV.	10
P3001-6	D. FM REC (⊕)	11
P3001-5	D. REC (⊕)	12
P3001-4	PB FM	13
P3001-3	REC FM	14
P3001-2	A. HEAD SW	15
P3001-1	VIDEO 5V	16

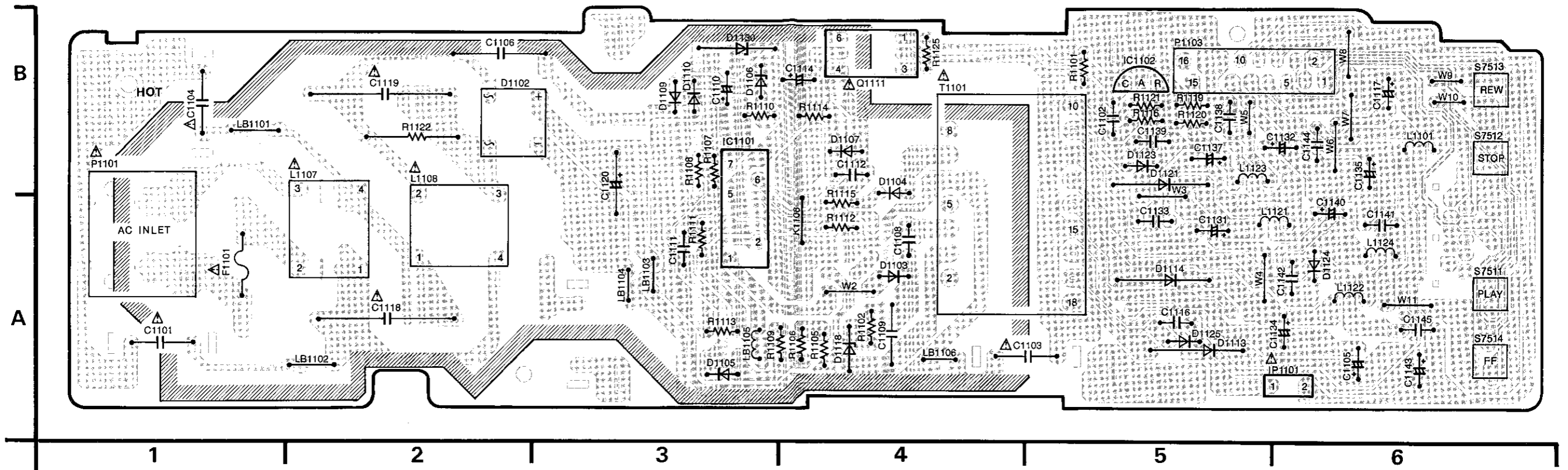
P502 (TO CYLINDER UNIT)	
1	GND
2	SP L
3	SP COM
4	SP R
5	LP R
6	LP COM
7	LP L
8	GND
9	A. HEAD L
10	A. HEAD COM
11	A. HEAD R



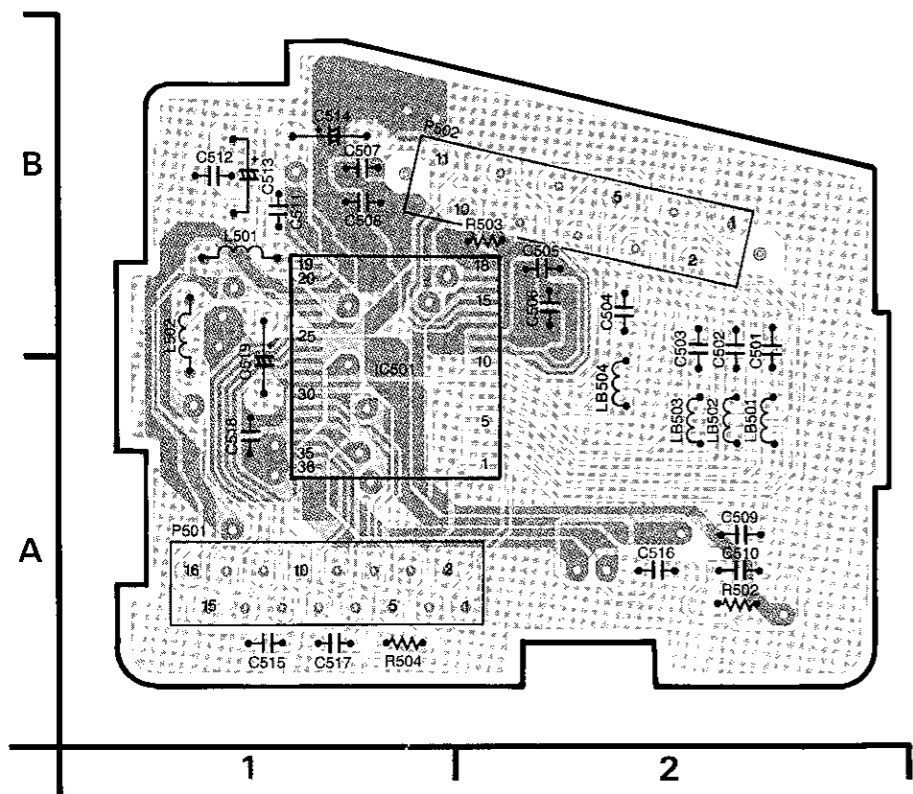
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)  
 THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-20. POWER C.B.A. (VEP01826B)



3-21. HEAD AMP C.B.A. (VEP05361A)



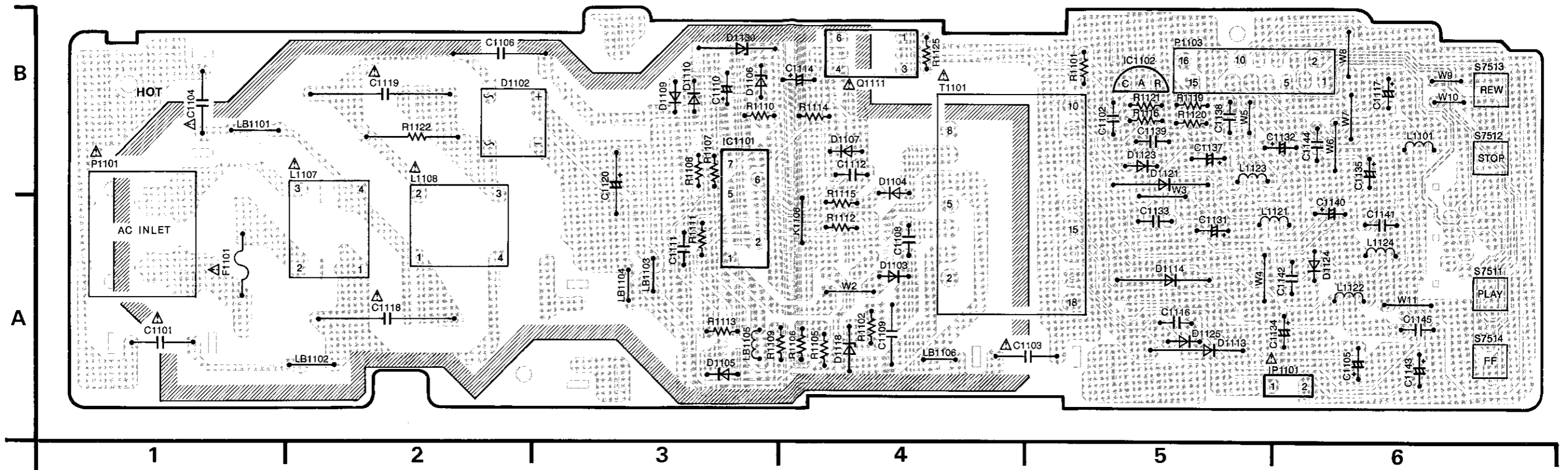
HEAD AMP C.B.A.	
Integrated Circuit	
IC501	A-1
Connector	
P501	A-1
P502	B-2

ADDRESS INFORMATION

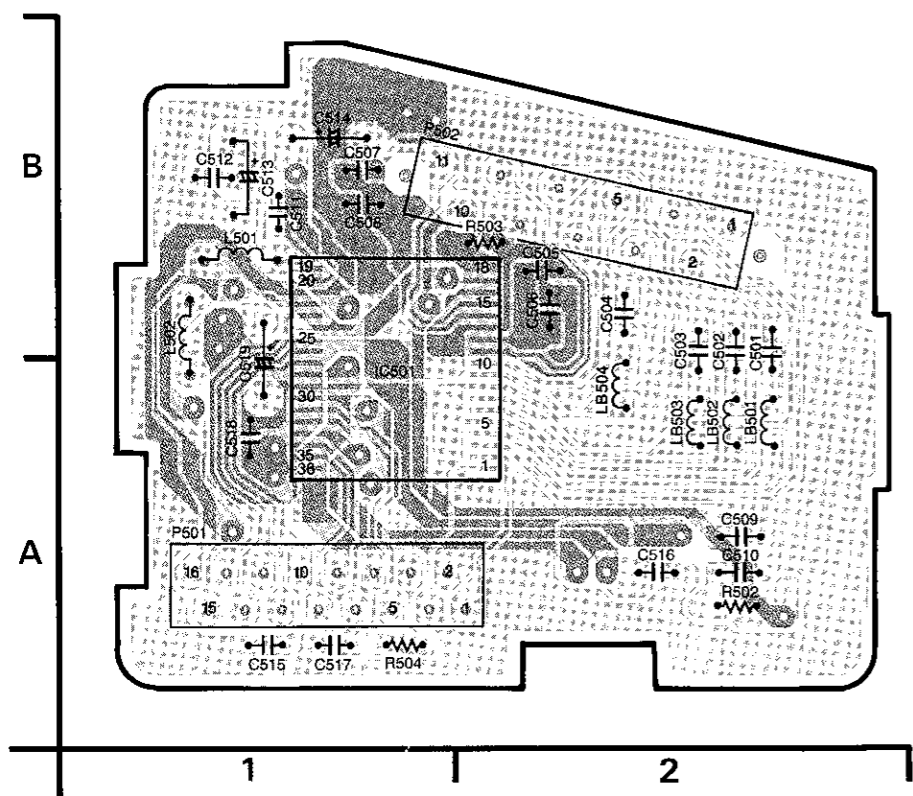
POWER C.B.A.	
Transistor	
Q1111	B-4
Integrated Circuit	
IC1101	B-3
IC1102	B-5
Connector	
P1101	B-1
P1103	B-5

ADDRESS INFORMATION

3-20. POWER C.B.A. (VEP01826B)



3-21. HEAD AMP C.B.A. (VEP05361A)



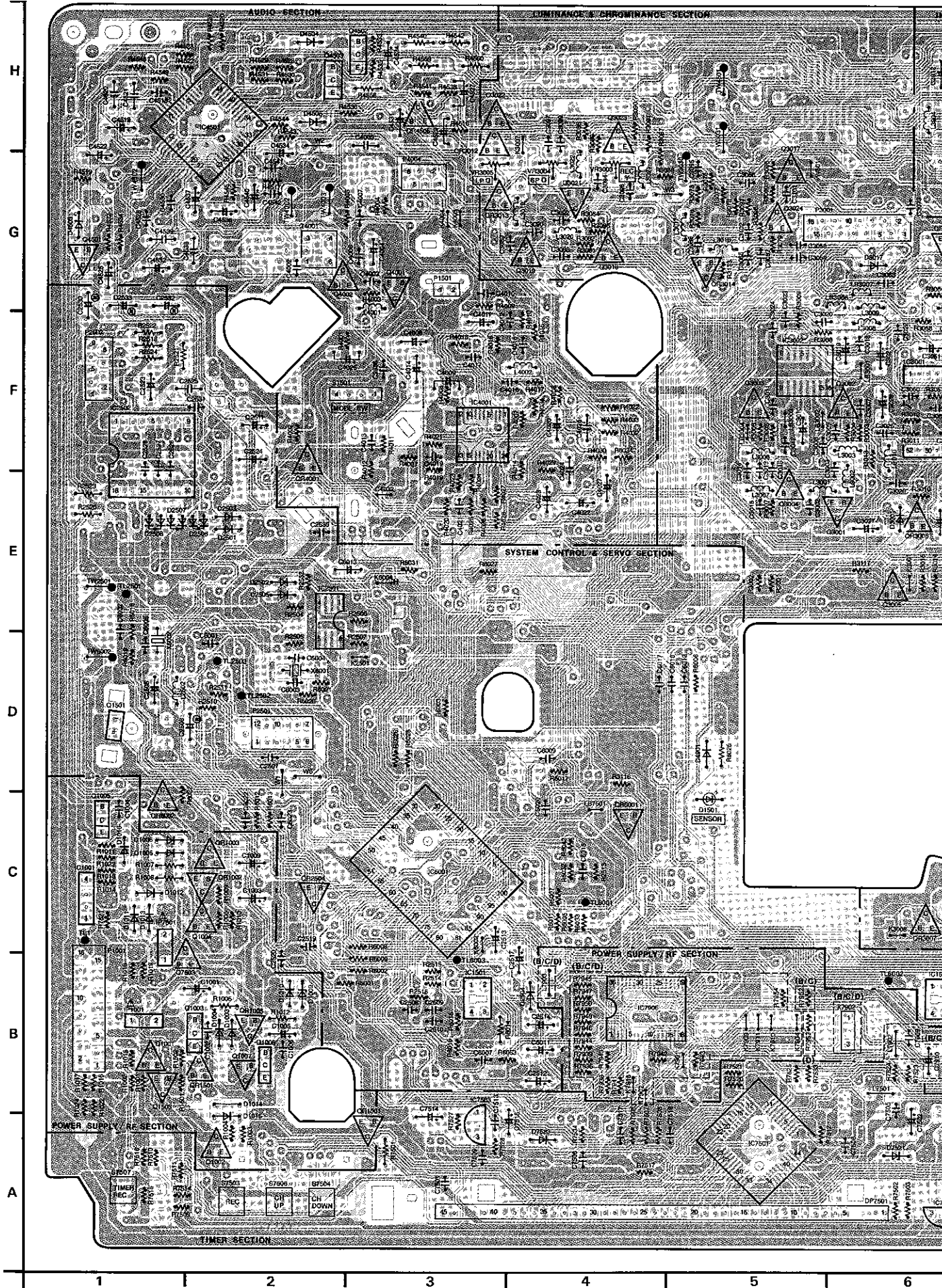
HEAD AMP C.B.A.	
Integrated Circuit	
IC501	A-1
Connector	
P501	A-1
P502	B-2

ADDRESS INFORMATION

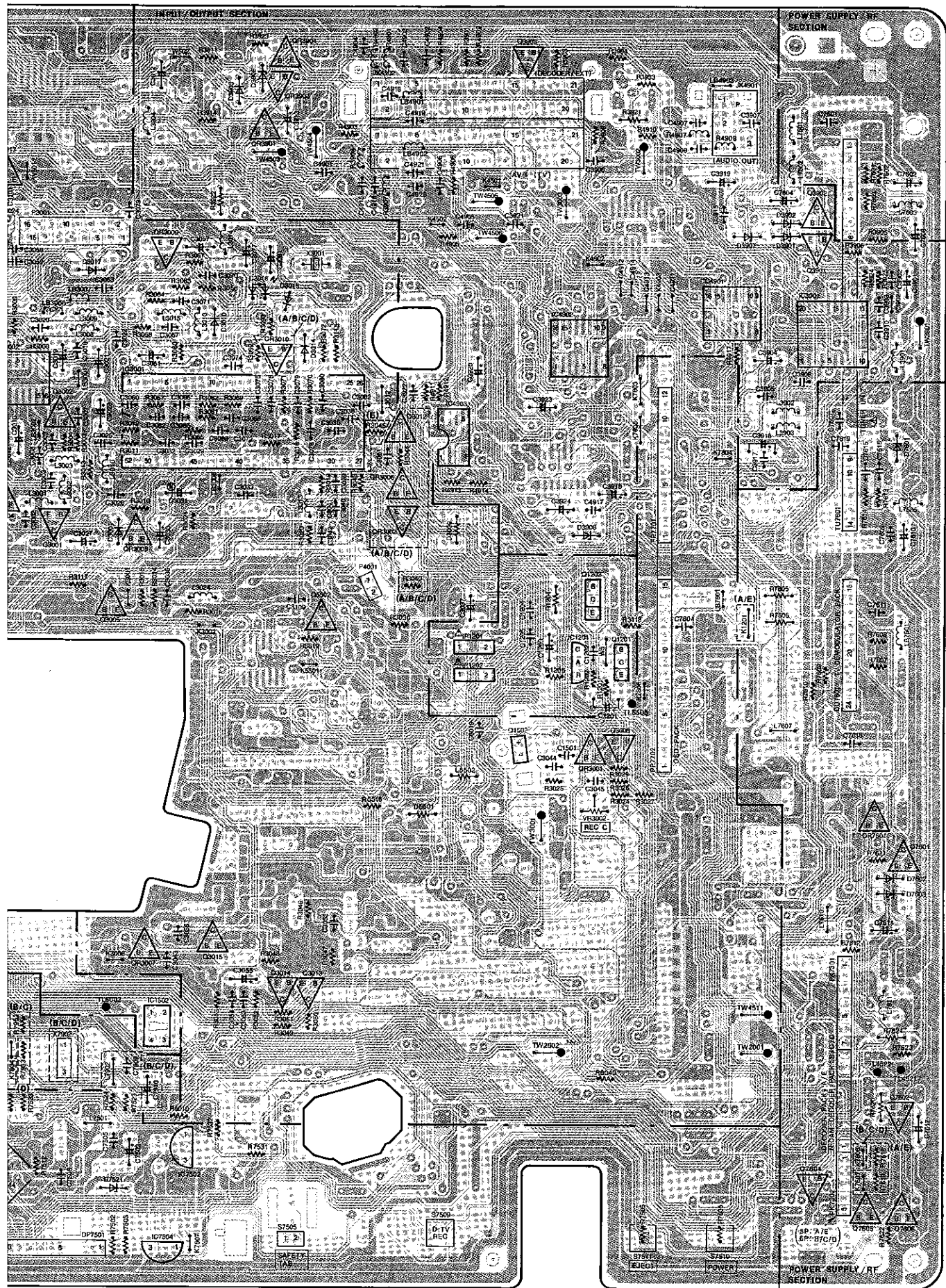
POWER C.B.A.	
Transistor	
Q1111	B-4
Integrated Circuit	
IC1101	B-3
IC1102	B-5
Connector	
P1101	B-1
P1103	B-5

ADDRESS INFORMATION

3-22. MAIN C.B.A. (VEP06C30A: NV-HD630EG/EG-S) (VEP06C30B: NV-HD630B/B-S) (VEP06C



3/B-S) (VEP06C30C: NV-HD630BL) (VEP06C30D: NV-HD630EC/EC-S) (VEP06C30X: NV-HD628EG)



6

7

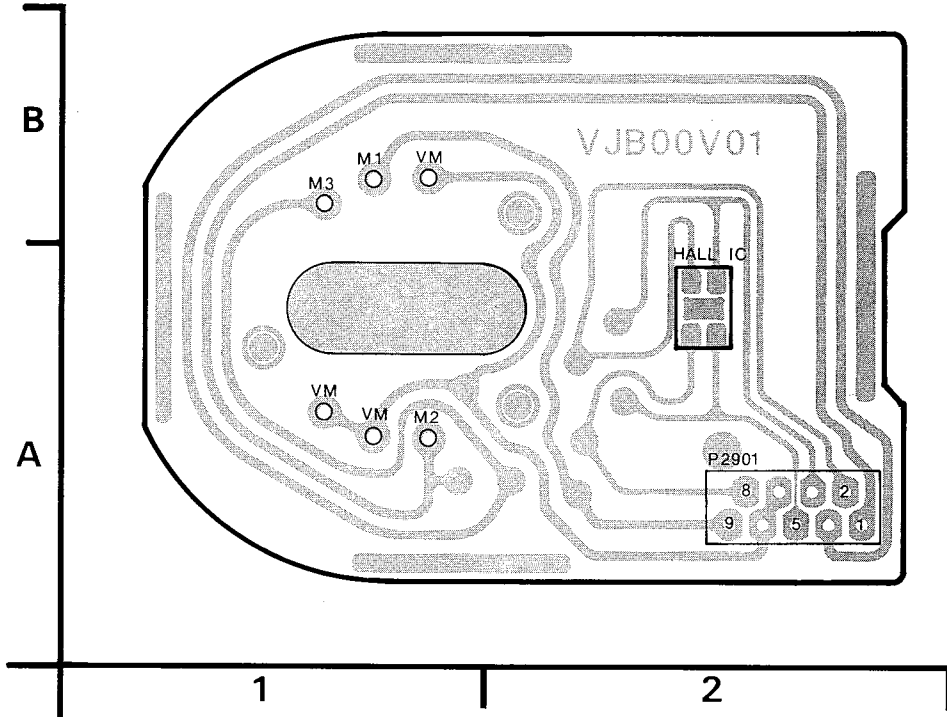
8

9

10

11

### 3-23. CYLINDER STATOR UNIT (VEK7236)



CYLINDER STATOR UNIT	
Integrated Circuit	
HALL IC	A-2
Connector	
P2901	A-2

ADDRESS INFORMATION

MAIN C.B.A.									
Transistor		G-10		H-7		Test Point		Adjustment	
Q1001	B-1	Q3902	G-10	QR3901	H-7	TL1	C-1	VR3002	D-9
Q1002	A-2	Q3903	H-8	QR3903	H-7	TL2501	E-1	VR3003	G-4
Q1003	B-2	Q4001	G-3	QR3904	H-7	TL4521	B-11	VR3004	G-4
Q1004	C-2	Q4002	G-2	QR4001	F-2	TL4522	B-11	VR3005	G-3
Q1005	C-1	Q4501	G-1	QR4505	H-3	TL5505	D-9	<b>Connector</b>	
Q1006	B-2	Q4502	H-3	QR6001	C-4	TL6001	C-4	P1001	B-1
Q1007	B-2	Q4503	H-2	QR6002	C-1	TL6002	B-6	P1501	G-3
Q1201	D-9	Q5502	E-7	QR7601	C-11	TL6003	B-3	P2501	D-2
Q1202	E-9	Q7601	C-11	<b>Integrated Circuit</b>		TW2001	B-10	P2502	F-1
Q1501	D-1	Q7602	B-11	IC1001	C-1	TW2002	B-9	P3001	G-6
Q1502	D-8	Q7603	B-1	IC1201	D-9	TW2501	E-1	P4001	E-8
Q1503	B-1	Q7604	A-10	IC1501	B-3	TW3001	C-8	P4004	G-3
Q3001	E-6	Q7605	A-10	IC1502	B-6	TW3002	G-9	DU7601	D-10
Q3002	F-6	Q7606	A-11	IC2501	E-2	TW3003	G-9	PK7301	B-10
Q3003	F-5	<b>Transistor &amp; Resistor</b>		IC2502	F-1	TW3030	G-5	PK7302	A-10
Q3004	E-5	QR1001	A-3	IC3001	F-6	TW3031	H-5	PP7701	E-9
Q3005	E-6	QR1002	C-2	IC3002	F-5	TW3901	F-11	PP7702	D-9
Q3008	D-9	QR1003	C-2	IC3901	G-10	TW4002	G-2	TU7601	E-10
Q3012	F-8	QR1005	B-2	IC4001	F-3	TW4003	G-2		
Q3013	B-7	QR1501	B-2	IC4501	H-2	TW4501	H-5		
Q3014	B-7	QR2504	C-2	IC4901	G-10	TW4502	G-1		
Q3015	C-7	QR3001	D-9	IC4902	F-9	TW4503	G-7		
Q3017	G-5	QR3002	E-8	IC4903	F-8	TW4504	H-7		
Q3018	G-4	QR3006	E-8	IC6001	C-3	TW4505	G-8		
Q3019	G-4	QR3007	C-6	IC7501	A-5	TW4506	G-8		
Q3021	G-4	QR3008	E-6	IC7502	A-6	TW6002	D-1		
Q3022	H-3	QR3009	G-6	IC7503	A-3				
Q3023	H-4	QR3010	F-7	IC7504	A-6				
Q3024	G-5	QR3012	H-3	IC7906	B-4				
Q3901	G-10	QR3013	G-3						
		QR3014	G-5						

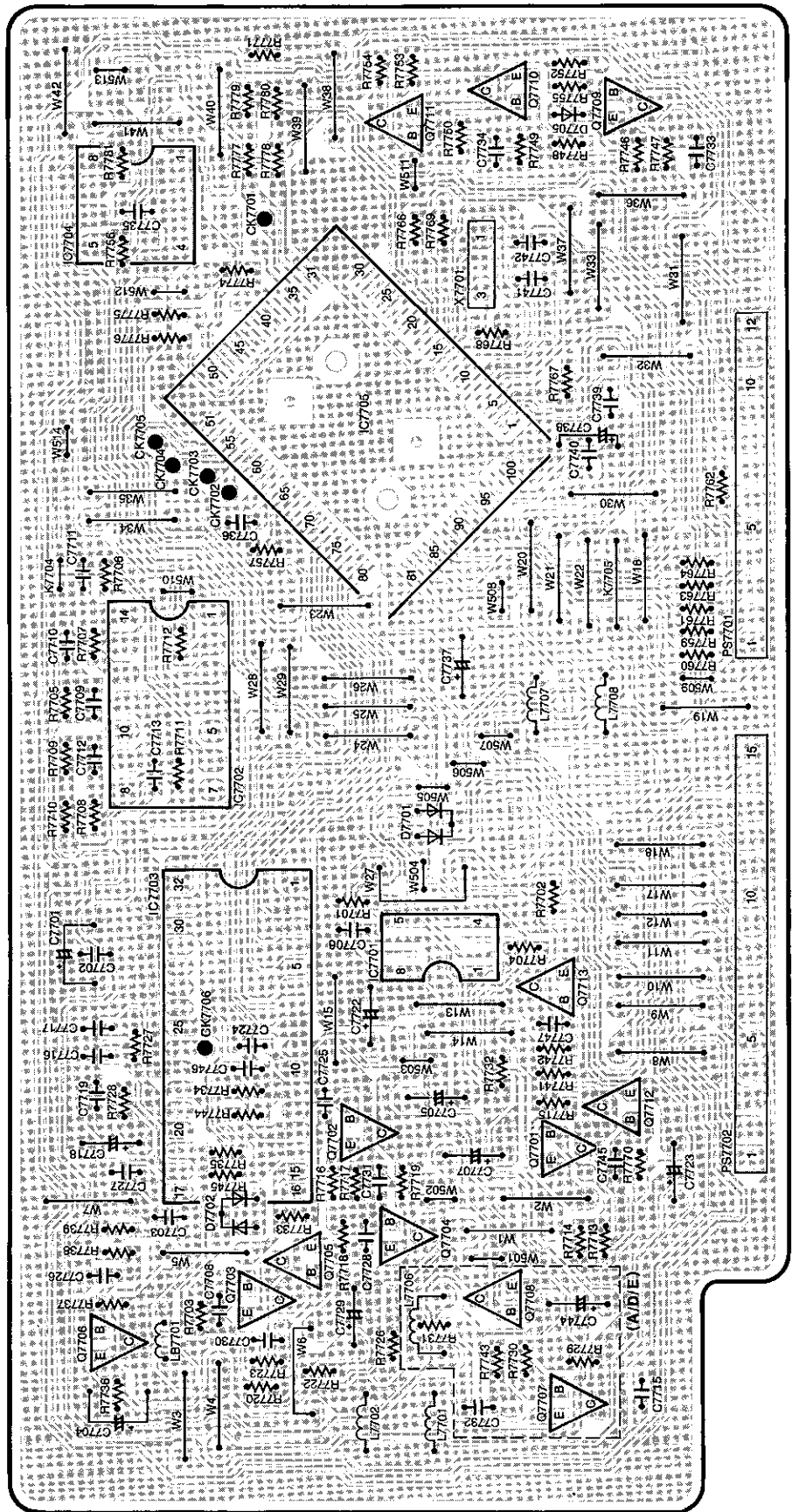
ADDRESS INFORMATION



**3-24. OSD PACK C.B.A. (VEP07974G:NV-HD630EG/EG-S/EC/EC-S, HD628EG)  
(VEP07974H: NV-HD630B/B-S/BL)**

OSD PACK C.B.A.							
Transistor		Integrated Circuit		Test Point		Connector	
Q7701	A-2	IC7701	B-2	CK7701	B-5	PS7701	A-4
Q7702	B-2	IC7702	C-3	CK7702	C-4	PS7702	A-2
Q7703	B-1	IC7703	C-3	CK7703	C-4		
Q7704	B-2	IC7704	C-5	CK7704	C-4		
Q7705	B-1	IC7705	B-4	CK7705	C-4		
Q7706	C-1			CK7706	C-2		

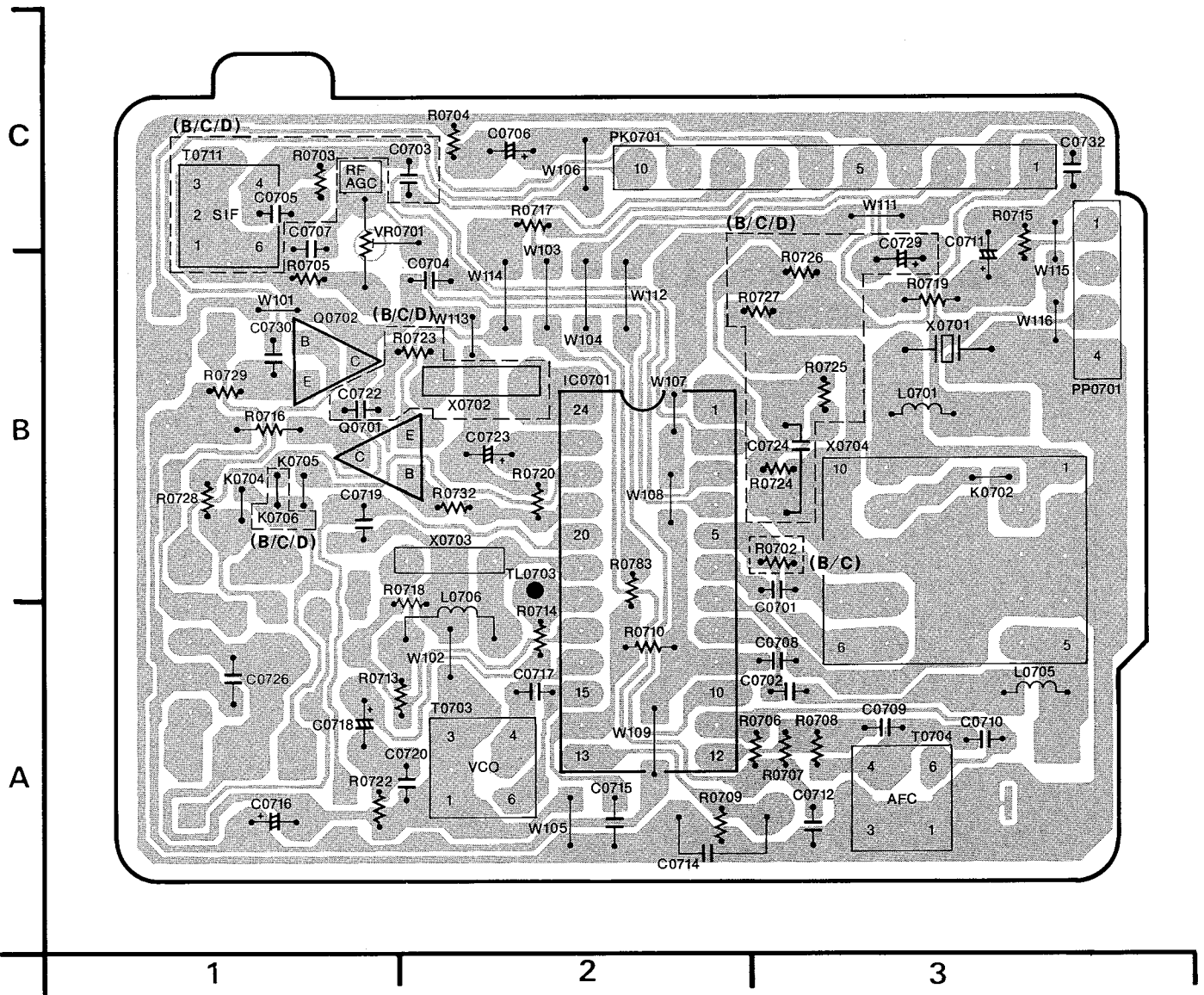
ADDRESS INFORMATION



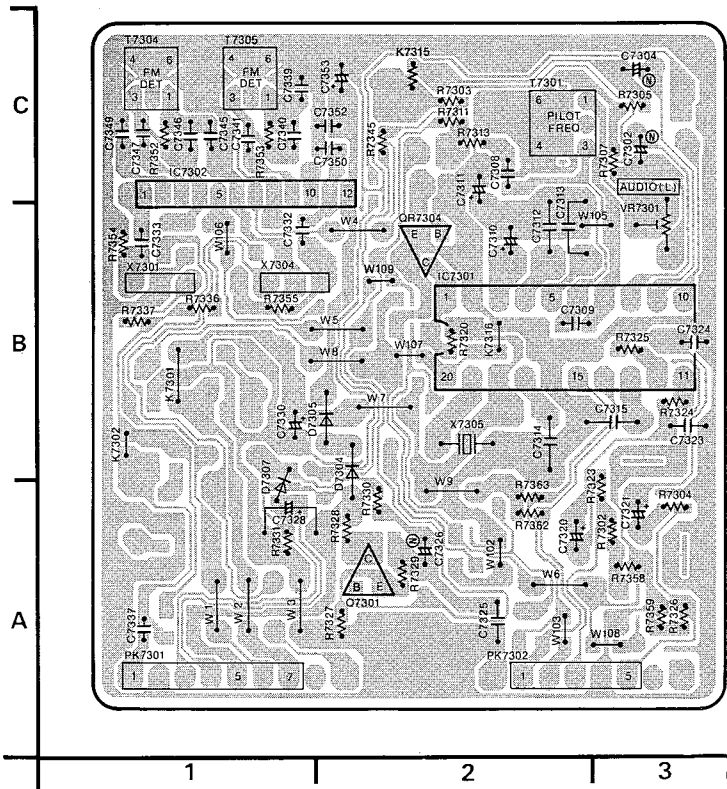
**3-25. TV DEMODULATOR PACK C.B.A. (VEP07801AP: NV-HD630EG/EG-S, HD628EG)  
(VEP07801AQ: NV-HD630B/B-S/BL) (VEP07801AR: NV-HD630EC/EC-S)**

TV DEMODULATOR PACK C.B.A.	
<b>Transistor</b>	
Q0701	B-1
Q0702	B-1
<b>Integrated Circuit</b>	
IC0701	B-2
<b>Test Point</b>	
TL0703	B-2
<b>Adjustment</b>	
T0703	A-2
T0704	A-3
T0711	C-1
VR0701	C-1
<b>Connector</b>	
PK0701	C-2
PP0701	C-3

ADDRESS INFORMATION



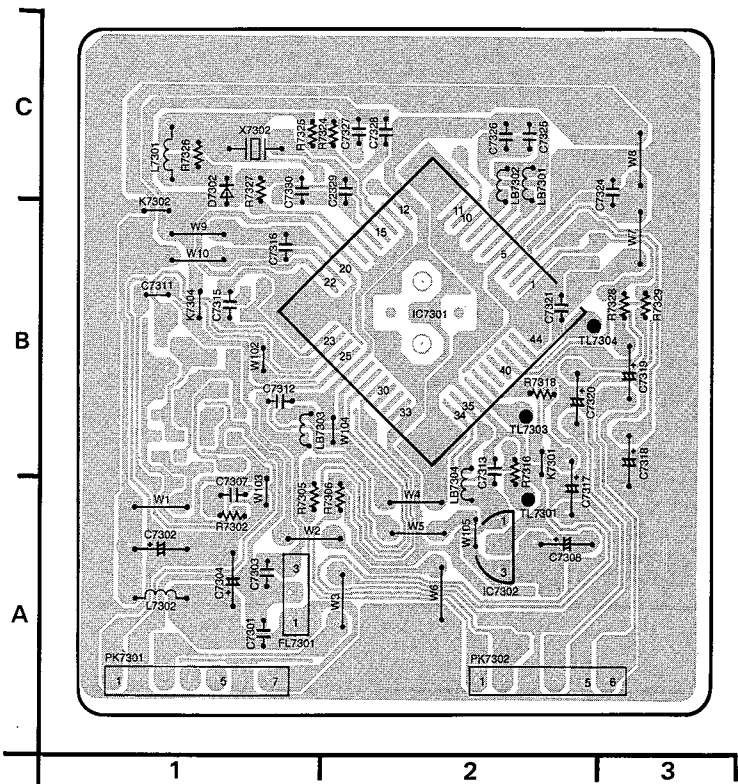
### 3-26. DECODER PACK C.B.A. (VEP07784E: NV-HD630EG/EG-S, HD628EG)



DECODER PACK C.B.A.	
<b>Transistor</b>	
Q7301	A-2
<b>Transistor &amp; Resistor</b>	
QR7304	B-2
<b>Integrated Circuit</b>	
IC7301	B-3
IC7302	C-1
<b>Adjustment</b>	
T7301	C-2
T7304	C-1
T7305	C-1
VR7301	B-3
<b>Connector</b>	
PK7301	A-1
PK7302	A-2

ADDRESS INFORMATION

### 3-27. NICAM DECODER PACK C.B.A. (VEP07973A: NV-HD630B/B-S/BL) (VEP07973B: NV-HD630EC/EC-S)



NICAM DECODER PACK C.B.A.	
<b>Integrated Circuit</b>	
IC7301	B-2
IC7302	A-2
<b>Test Point</b>	
TL7301	A-2
TL7303	B-2
TL7304	B-2
<b>Connector</b>	
PK7301	A-1
PK7302	A-2

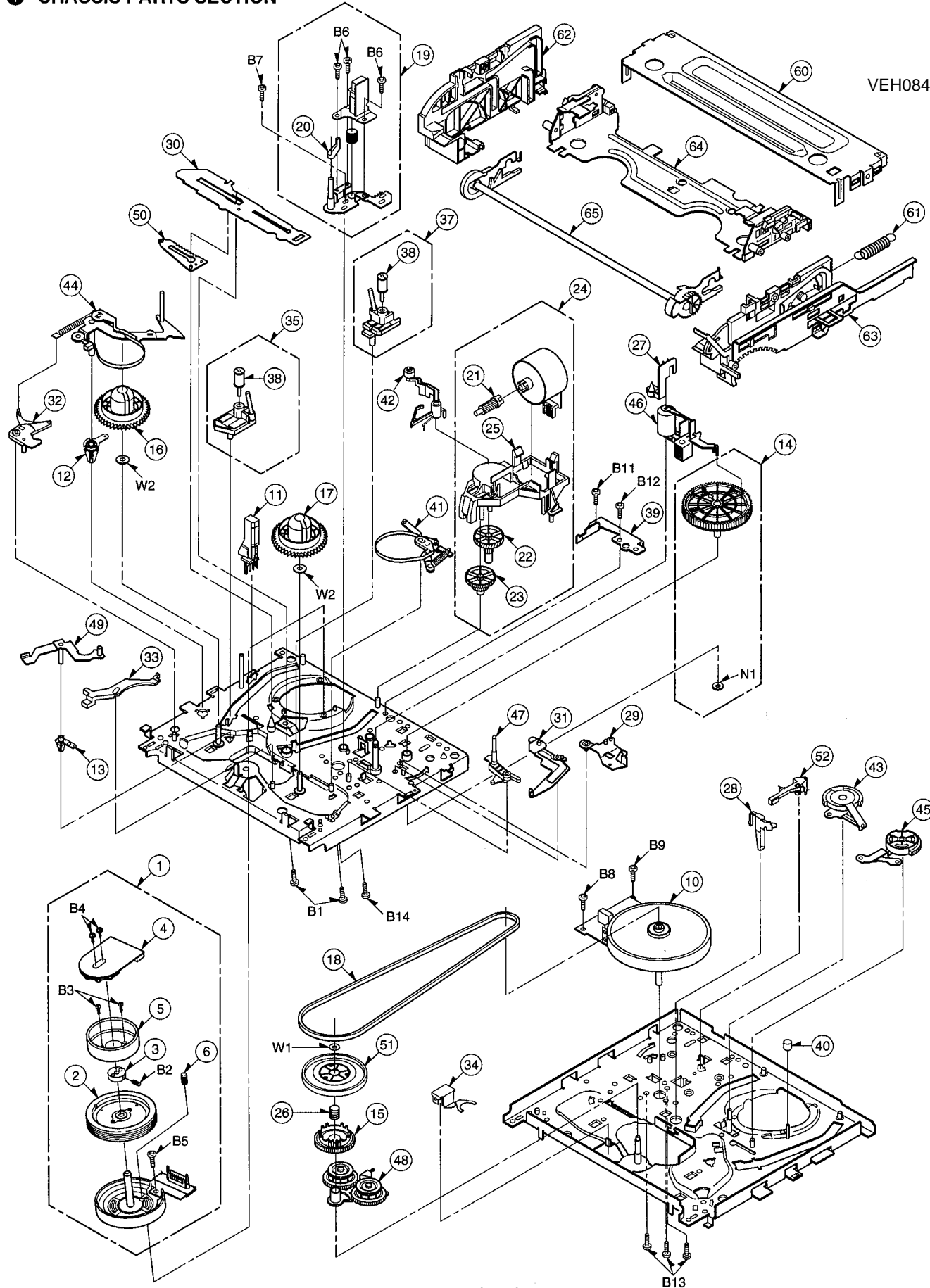
ADDRESS INFORMATION

## SECTION 4

### EXPLODED VIEWS & PARTS LIST

#### 4-1. EXPLODED VIEW & MECHANICAL REPLACEMENT PARTS LIST

##### ① CHASSIS PARTS SECTION

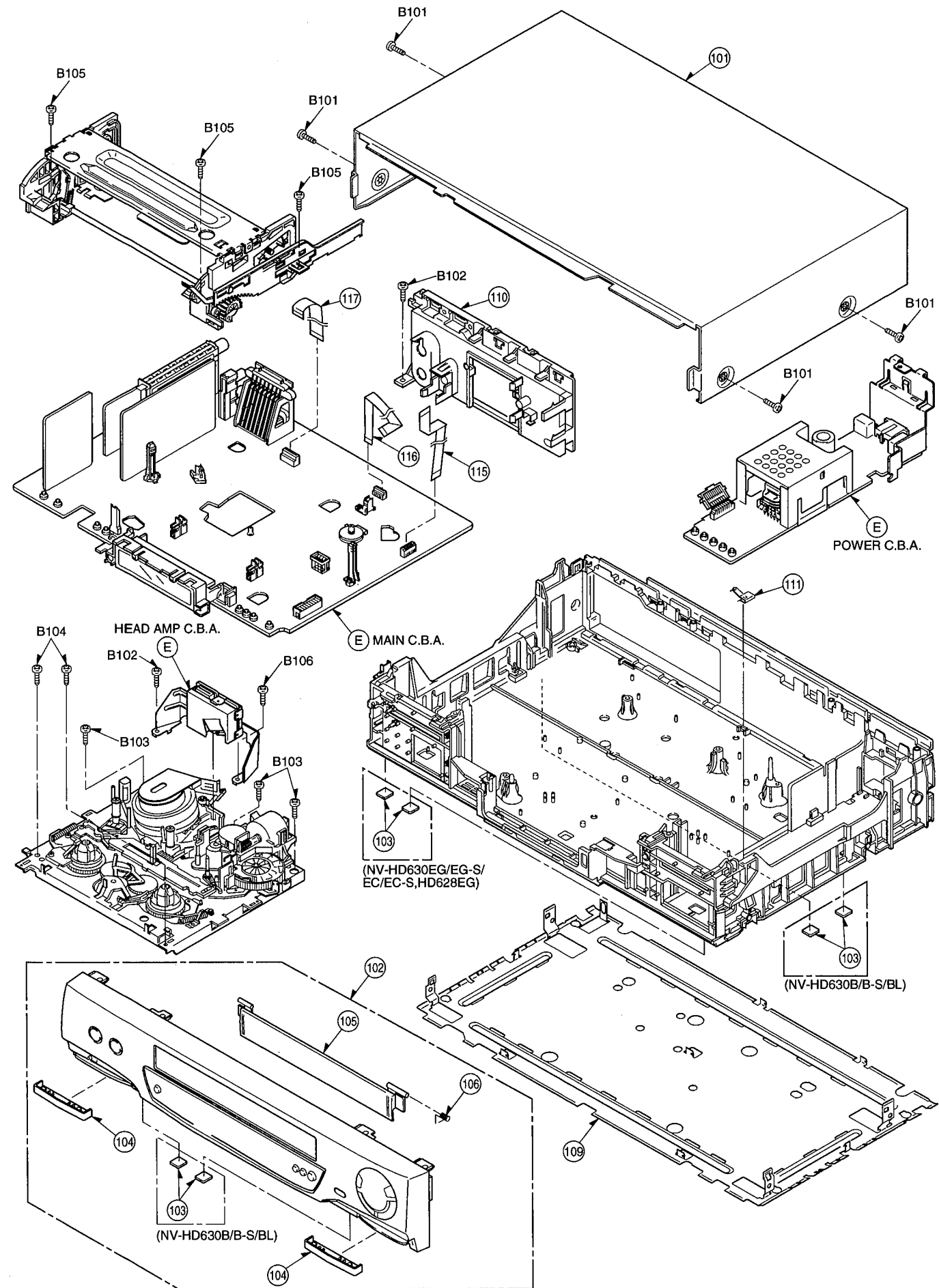


Note: 1. \* Be sure to make your orders of replacement parts according to this list.  
 2. IMPORTANT SAFETY NOTICE  
 Components identified with the mark  $\Delta$  have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1 (1)	VE81411	CYLINDER UNIT	1	[SUPPLIED FROM MBV]
2 (1)	VEH0844	UPPER CYLINDER UNIT	1	[SUPPLIED FROM MBV]
3 (1)	VDB1256	CYLINDER RETAINER	1	
$\Delta$ 4 (1)	VEK7236	CYLINDER STATOR UNIT	1	
5 (1)	VXP1823	CYLINDER ROTOR UNIT	1	
6 (1)	VXS0135	EARTH BRUSH UNIT	1	
10 (1)	VEK8239	CAPSTAN UNIT	1	
11 (1)	VBS0155	FE HEAD	1	
12 (1)	VDB1431	TENSION ARM BOSS	1	
13 (1)	VDB1460	SUPPLY BRAKE ARM BOSS	1	
14 (1)	VDG1220KIT	MAIN CAM GEAR	1	
15 (1)	VDG1221	CONVERSION GEAR	1	
16 (1)	VDR0346	SUPPLY REEL TABLE	1	
17 (1)	VDR0347	TAKE UP REEL TABLE	1	
18 (1)	VDO372	CAPSTAN BELT	1	
19 (1)	VEDO412	A/C HEAD UNIT	1	
20 (1)	VMX2656	P4 GAP	1	
21 (1)	VDG1217	WORM GEAR	1	
22 (1)	VDG1218	WORM WHEEL GEAR	1	
23 (1)	VDG1219	CENTRE GEAR	1	
24 (1)	VEM0604	LOADING MOTOR UNIT	1	
26 (1)	VMB3045	CONVERSION GEAR SPRING	1	
27 (1)	VMD2620	OPENER PIECE	1	
28 (1)	VMD2738	LED PRISM	1	
29 (1)	VML3165	DRIVE RACK ARM	1	
30 (1)	VML3166	MAIN LEVER	1	
31 (1)	VML3167	DRIVE MAIN LEVER ARM	1	
32 (1)	VML3172	SUPPLY SPRING ARM	1	
33 (1)	VML3176	CONVERSION LEVER A	1	
34 (1)	VML3177	CONVERSION LEVER B	1	
35 (1)	VXA6040	INCLINED BASE (S) UNIT	1	
37 (1)	VXA5854	INCLINED BASE (T) UNIT	1	
38 (1)	VXP1840	ROLLER POST	2	
39 (1)	VMA9672	SUPPORT ANGLE	1	
40 (1)	VMX2639	CIRCUIT BOARD PROTECTOR	1	
41 (1)	VXL2667	TAKE UP BRAKE ARM UNIT	1	
42 (1)	VXL2669	CLEANER ARM UNIT	1	
43 (1)	VXL2670	TAKE UP LOADING ARM UNIT	1	
44 (1)	VXL2788	TENSION ARM UNIT	1	[SUPPLIED FROM MBV]
45 (1)	VXL2672	SUPPLY LOADING ARM UNIT	1	
46 (1)	VXL2785	PINCH ARM UNIT	1	
47 (1)	VXL2677	P5 ARM UNIT	1	
48 (1)	VXL2792	IDLER ARM UNIT	1	
49 (1)	VXL2733	SUPPLY BRAKE ARM UNIT	1	
50 (1)	VXL2747	LOADING RACK UNIT	1	
51 (1)	VXP1732	CENTRE CLUTCH UNIT	1	
52 (1)	VXZ0430	SS BRAKE ARM UNIT	1	
60 (1)	VMA9516	TOP PLATE	1	
61 (1)	VMB3047	CONNECTION SPRING	1	
62 (1)	VMD2625	SIDE PLATE (L)	1	
63 (1)	VXA5740	SIDE PLATE (R) UNIT	1	
64 (1)	VXA5746	CASSETTE HOLDER UNIT	1	
65 (1)	VXP1730	MAIN SHAFT UNIT	1	
B1 (1)	VHD1117	SCREW	2	
B2 (1)	VHD0842	SCREW	1	
B3 (1)	VHD0843	SCREW	2	
B4 (1)	VHD0844	SCREW	2	
B5 (1)	XYN26+C5	SCREW	1	
B6 (1)	VHD1066	SCREW	3	
B7 (1)	VHD1044	SCREW	1	
B8 (1)	VHD1060	SCREW	1	
B9 (1)	VHD1071	SCREW	1	
B10 (1)	XQN2+A66	SCREW	1	
B11 (1)	XTS26+6F	SCREW	1	
B12 (1)	XTN26+6F	SCREW	1	
B13 (1)	XTN26+7J	SCREW	3	
B14 (1)	VHD1095	SCREW	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
N1 (1)	VHN0311	PUSH NUT	1	
W1 (1)	VMX2208	WASHER	1	
W2 (1)	VMX2650	WASHER	2	

## 2 CASING PARTS SECTION

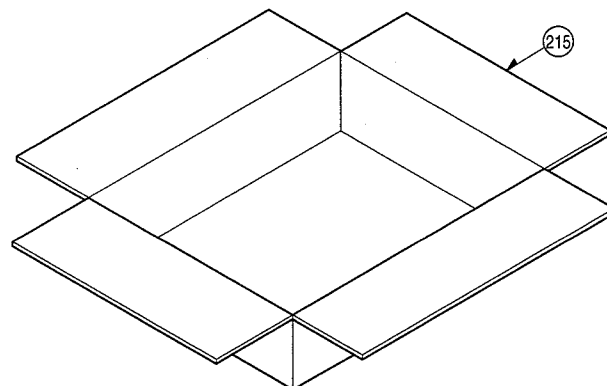
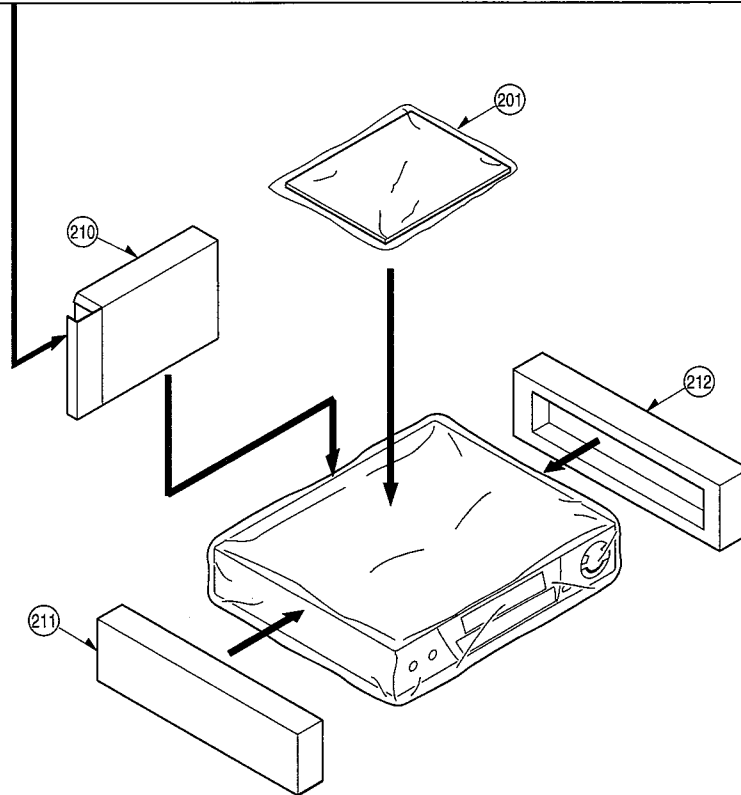
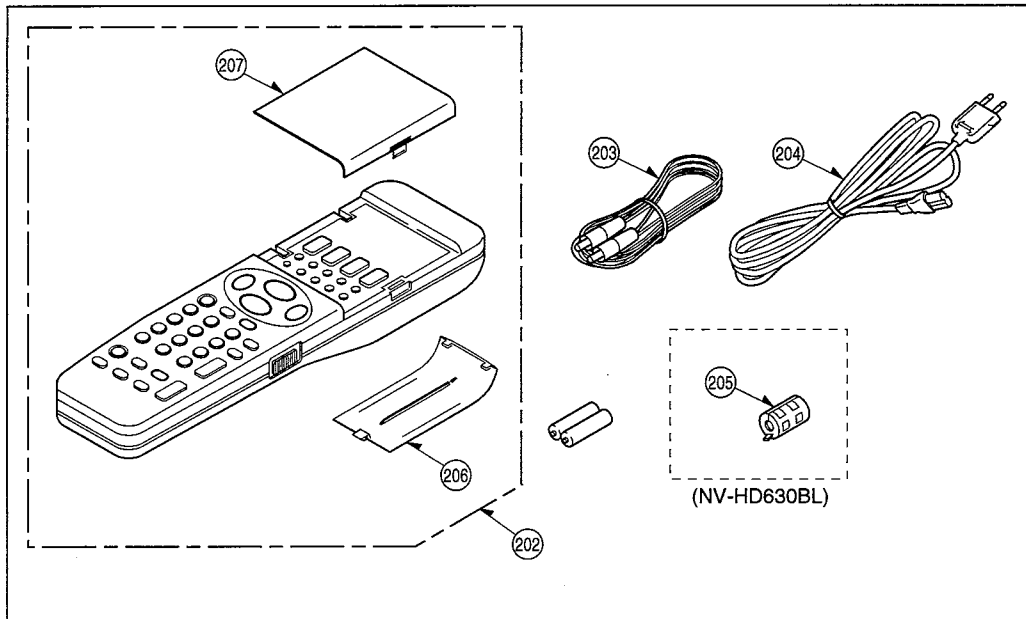


Note: 1. \* Be sure to make your orders of replacement parts according to this list.  
 2. IMPORTANT SAFETY NOTICE  
 Components identified with the mark  $\Delta$  have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
101 (2)	VGM1466	TOP PANEL	1	[SUPPLIED FROM MBV] NV-HD630EG/B/BL/EC NV-HD628EG
101 (2)	VGM1477	TOP PANEL	1	[SUPPLIED FROM MBV] NV-HD630EG-S/B-S/EC-S
102 (2)	VYP6764	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD630EG
102 (2)	VYP6797	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD630EG-S
102 (2)	VYP6766	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD630B/BL
102 (2)	VYP6799	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD630B-S
102 (2)	VYP6765	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD630EC
102 (2)	VYP6798	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD630EC-S
102 (2)	VYP6877	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD628EG
103 (2)	RKA0072	FOOT	2	[SUPPLIED FROM MBV] NV-HD630EG/EG-S/EC/EC-S NV-HD628EG
103 (2)	RKA0072	FOOT	4	[SUPPLIED FROM MBV] NV-HD630B/B-S/BL NV-HD628EG
104 (2)	VKA0302	LEG	1	[SUPPLIED FROM MBV]
105 (2)	VKF2844	BLINDER PANEL	1	[SUPPLIED FROM MBV] NV-HD630EG/B/BL/EC NV-HD628EG
105 (2)	VKF2880	BLINDER PANEL	1	[SUPPLIED FROM MBV] NV-HD630EG-S/B-S/EC-S
106 (2)	VMB2521	BLINDER SPRING	1	
109 (2)	VKU0519	BOTTOM PLATE	1	
110 (2)	VJH1024	JACK PLATE	1	[SUPPLIED FROM MBV]
111 (2)	VMC1065	EARTH SPRING	1	
115 (2)	VWJ1229	FLAT CARD CABLE (9P)	1	[SUPPLIED FROM MBV] P2502 - P2901
116 (2)	VWJ1215	FLAT CARD CABLE (6P)	1	[SUPPLIED FROM MBV] P4004 - A/C HEAD
117 (2)	VWJ1231	FLAT CARD CABLE (16P)	1	[SUPPLIED FROM MBV] P3001 - P501
B101 (2)	XTW3+10TFZ	SCREW	4	NV-HD630EG/B/BL/EC NV-HD628EG
B101 (2)	XTW3+10TFG	SCREW	4	NV-HD630EG-S/B-S/EC-S
B102 (2)	VHD0773	SCREW	2	
B103 (2)	VHD1065	SCREW	3	
B104 (2)	VHD0168	SCREW	2	
B105 (2)	XTV26+8FR	SCREW	3	
B106 (2)	XTV26+6FFR	SCREW	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
$\Delta$ 201 (3)	VQT7359	OPERATING INSTRUCTIONS (ENGLISH, ITALIAN, GREEK)	1	[SUPPLIED FROM MBV] NV-HD630EG/EG-S NV-HD628EG
$\Delta$ 201 (3)	VQT7360	OPERATING INSTRUCTIONS (GERMAN, FRENCH, DUTCH)	1	[SUPPLIED FROM MBV] NV-HD630EG/EG-S/EC/EC-S NV-HD628EG
$\Delta$ 201 (3)	VQT7363	OPERATING INSTRUCTIONS (ENGLISH)	1	[SUPPLIED FROM MBV] NV-HD630B/B-S/BL
$\Delta$ 201 (3)	VQT7361	OPERATING INSTRUCTIONS (SPANISH, PORTUGUESE)	1	[SUPPLIED FROM MBV] NV-HD630EC/EC-S
$\Delta$ 201 (3)	VQT7362	OPERATING INSTRUCTIONS (SWEDISH, DANISH, FINNISH)	1	[SUPPLIED FROM MBV] NV-HD630EC/EC-S
202 (3)	VEQ2051	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV] NV-HD630EG/EG-S/EC/EC-S NV-HD628EG
202 (3)	VEQ2052	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV] NV-HD630B/B-S/BL
203 (3)	VJA0963	DIN RF CABLE	1	
$\Delta$ 204 (3)	VJA1059	AC CORD	1	[SUPPLIED FROM MBV] NV-HD630EG/EG-S/EC/EC-S NV-HD628EG
$\Delta$ 204 (3)	VJA0733	AC CORD	1	NV-HD630B/B-S/BL
205 (3)	VL1321	FERRITE CORE	1	NV-HD630BL
206 (3)	VKF2670	BATTERY COVER	1	
207 (3)	VGP4395	DOOR PANEL	1	
210 (3)	VPK0825	ACCESSORIES PACKING	1	
211 (3)	VPN4792	CUSHION (L)	1	[SUPPLIED FROM MBV]
212 (3)	VPN4793	CUSHION (R)	1	[SUPPLIED FROM MBV]
215 (3)	VPG9325	PACKING CASE	1	[SUPPLIED FROM MBV]
215 (3)	VPG9450	PACKING CASE	1	[SUPPLIED FROM MBV] NV-HD630EG/EG-S/B/B-S/BL NV-HD630EC/EC-S NV-HD628EG
		SERVICE FIXTURES & TOOLS		
	VFJ8125H3F	VHS ALIGNMENT TAPE (PAL)	1	
	VFK0335	RETAINING RING REMOVER (3mm/4mm)	1	
	VFK0329	POST ADJUSTMENT SCREWDRIVER	1	
	VFK0326	HEX WRENCH SET	1	
	VFK0132	BACK TENSION METER	1	
	VFK27	HEAD CLEANING STICK	1	
	VFK1024	MOLYBDENE GREASE	1	
	VFK0330	FINE ADJUSTMENT GEAR DRIVER	1	
	VFK2744	16P EXTENSION CABLE	1	MAIN - POWER
	VFK1301	SILICONE GREASE	1	
	VFK1298	FLOIL GREASE	1	

3 PACKING PARTS SECTION



## 4-2. ELECTRICAL REPLACEMENT PARTS LIST

Note: 1. Be sure to make your orders of replacement parts according to this list.  
 2. IMPORTANT SAFETY NOTICE : Components identified with the mark  $\Delta$  have the special characteristics for safety. When replacing any of these components, use only the same type.  
 3. Unless otherwise specified,  
 All resistors are in OHMS, K=1,000 OHMS. All capacitors are in MICROFARADS( $\mu$ f), P= $\mu$ F.  
 4. The P.C. Board units marked with "■" show below the main assembled parts.  
 5. The marking (RTL) indicates the retention time is limited for this item.  
 After the discontinuation of this assembly in production, it will no longer be available.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP06C30A	MAIN C. B. A. (Page: 4-6)	1	[SUPPLIED FROM MBV] (RTL) NV-HD630EG/EG-S THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07784E VEP07801AP VEP07974G
■	VEP07784E	DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30A).
■	VEP07801AP	TV DEMODULATOR PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30A).
■	VEP07974G	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30A).
■	VEP06C30B	MAIN C. B. A. (Page: 4-12)	1	[SUPPLIED FROM MBV] (RTL) NV-HD630B/B-S THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07801AQ VEP07973A VEP07974H
■	VEP07801AQ	TV DEMODULATOR PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30B).
■	VEP07973A	NICAM DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30B).
■	VEP07974H	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30B).
■	VEP06C30C	MAIN C. B. A. (Page: 4-18)	1	[SUPPLIED FROM MBV] (RTL) NV-HD630BL THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07801AQ VEP07973A VEP07974H
■	VEP07801AQ	TV DEMODULATOR PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30C).
■	VEP07973A	NICAM DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30C).
■	VEP07974H	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30C).
■	VEP06C30D	MAIN C. B. A. (Page: 4-25)	1	[SUPPLIED FROM MBV] (RTL) NV-HD630EG/EG-S THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07801AR VEP07973B VEP07974G

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP07801AR	TV DEMODULATOR PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30D).
■	VEP07973B	NICAM DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30D).
■	VEP07974G	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30D).
■	VEP06C30X	MAIN C. B. A. (Page: 4-31)	1	[SUPPLIED FROM MBV] (RTL) NV-HD628EG THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07784E VEP07801AP VEP07974G
■	VEP07784E	DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30X).
■	VEP07801AP	TV DEMODULATOR PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30X).
■	VEP07974G	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C30X).
■	VEP05361A	HEAD AMP C. B. A. (Page: 4-37)	1	[SUPPLIED FROM MBV] (RTL)
$\Delta$	VEP01826B	POWER C. B. A. (Page: 4-37)	1	[SUPPLIED FROM MBV] (RTL)
■	-----	CYLINDER STATOR C. B. A. (Page: 4-37)	1	C. B. A. IS INCLUDED IN CYLINDER STATOR UNIT (VEK7236).
■	-----	CAPSTAN DRIVE C. B. A.	1	C. B. A. IS INCLUDED IN CAPSTAN UNIT (VEK8239).
$\Delta$	TU7601	ENG47279G1	TUNER	1 [SUPPLIED FROM MBV] NV-HD630EG/EG-S/EG/EG-S NV-HD628EG
$\Delta$	TU7601	ENG47281G1	TUNER	1 [SUPPLIED FROM MBV] NV-HD630B/B-S
$\Delta$	TU7601	ENG47280G1	TUNER	1 [SUPPLIED FROM MBV] NV-HD630BL
$\Delta$	F1101	XBA2C16TH15	FUSE	1
■	VEP06C30A	MAIN C. B. A.		[SUPPLIED FROM MBV] (RTL) NV-HD630EG/EG-S
	C0701, 02	EGUX1H103ZFV	G. CAPACITOR CH 50V 0.01U	2
	C0704	EGUX1H331JCV	G. CAPACITOR CH 50V 330P	1
	C0706	EGEA1HKAOR1	E. CAPACITOR 50V 0.1U	1
	C0707, 08	EGUX1H103ZFV	G. CAPACITOR CH 50V 0.01U	2
	C0709	EGUX1H120JCV	G. CAPACITOR CH 50V 12P	1
	C0710	EGUX1H470JPV	G. CAPACITOR CH 50V 47P	1
	C0711	EGEA1GKA220	E. CAPACITOR 16V 22U	1
	C0712	EGUX1H103ZFV	G. CAPACITOR CH 50V 0.01U	1
	C0714	EQQB1H473JF	P. CAPACITOR 50V 0.047U	1
	C0715	EGUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1
	C0716	EGEA1GKA470	E. CAPACITOR 16V 47U	1
	C0717	EGUX1H270JPV	G. CAPACITOR CH 50V 27P	1

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
G0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
G0719	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
G0720	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G0723	ECEA1HKAOR1	E. CAPACITOR 50V 0.1U	1	
G0726	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G0730	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G0732	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECEA1AKG220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1G6E470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
G1201	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
G1202	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G1203	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
G1204.05	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
G1501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C2505	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2506	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
C2507-10	ECUM1H563ZFN	C. CAPACITOR CH 50V 0.056U	4	
C2511	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C2512	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2517	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2519	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2520	ECUX1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2523	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C2524	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2525	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2526-28	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C2530	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2531	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C2532.33	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	2	
C2535.36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G3002	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
G3003	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
G3007	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G3008	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3010	ECEA1HKAOR1	E. CAPACITOR 50V 0.1U	1	
G3011.12	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G3013	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
G3014	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
G3015.16	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
G3018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3019	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
G3020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3021	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
G3022	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3023	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
G3024	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
G3025	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3026	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
G3027.28	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
G3029	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
G3030	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
G3031	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
G3032	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3033	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3035.36	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
G3037	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
G3038	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
G3039	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3040.41	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
G3042	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3043	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
G3044.45	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G3051	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3052	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3053	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	1	
G3054	ECUX1H392KBN	C. CAPACITOR CH 50V 3900P	1	
G3055	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
G3056	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
G3057	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
G3058.59	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
G3060	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3061	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
G3062	ECUM1H390JCN	C. CAPACITOR CH 50V 39P	1	
G3063	ECUM1H102GKN	C. CAPACITOR CH 50V 1000P	1	[SUPPLIED FROM MBV]
G3065	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
G3066	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
G3067	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
G3068	ECUM1H681GKN	C. CAPACITOR CH 50V 680P	1	[SUPPLIED FROM MBV]
G3069	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
G3070	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
G3071	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
G3072	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3073	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
G3074	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3075	ECUX1C474KBN	C. CAPACITOR CH 16V 0.47U	1	
G3076	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
G3077	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G3078	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3079	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
G3080	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
G3081	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G3082	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
G3083	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
G3085	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
G3086	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G3087	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3088	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G3089	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
G3090	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
G3092	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
G3094	ECUM1H20JCN	C. CAPACITOR CH 50V 62P	1	
G3095	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
G3096	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G3097	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
G3099	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G3101.02	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G3109	ECUM1H223ZFN	C. CAPACITOR CH 50V 0.022U	1	
G3901	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
G3902.03	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G3904	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
G3905-07	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	3	
G3908	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
G3910	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3912.13	ECEA1CKA470	E. CAPACITOR 16V 47U	2	
G3915	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3916	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
G3917	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G3918-20	ECEAOJKA470	E. CAPACITOR 6.3V 47U	3	
G3921.22	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G3923	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
G3924	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G4002	ECUM1H152JCN	C. CAPACITOR CH 50V 1500P	1	
G4003	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
G4004	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
G4005	EGQB1H223JF	P. CAPACITOR 50V 0.022U	1	
G4006.07	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
G4008.09	ECEA1CKA220	E. CAPACITOR 16V 22U	2	
G4010	ECUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
G4011	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
G4012	ECUM1H222JN	C. CAPACITOR CH 50V 2200P	1	
G4013	ECUM1H152JCN	C. CAPACITOR CH 50V 1500P	1	
G4014	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
G4015	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
G4016.17	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
G4019	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
G4020	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
G4021	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1	
G4022	ECEA1HKAOR1	E. CAPACITOR 50V 0.1U	1	
G4023	ECEA1KA101	E. CAPACITOR 10V 100U	1	
G4024.25	ECQV1H104B46	P. CAPACITOR 50V 0.1U	2	
G4026	ECEA1KA220	E. CAPACITOR 10V 22U	1	
G4027	ECEA1CKA100	E. CAPACITOR 16V 10U	1	



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4032	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		C7517. 18	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C4518	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1		G7601	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4519	ECA1CAK100X	E. CAPACITOR 16V 10U	1		C7602	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4520	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7604	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4521	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		C7607	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4522	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7608	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C4524, 25	ECAOJAK101X	E. CAPACITOR 6.3V 100U	2		C7609	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1	
C4527	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7610	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4528	ECUX1H223KBN	G. CAPACITOR CH 50V 0.022U	1		C7611	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4529	ECA1HAK4R7	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	C7614	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4530	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1		C7615, 16	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C4531	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1		C7617	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4532	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7618, 19	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4536	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		G7701	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4537	ECA1CAK100X	E. CAPACITOR 16V 10U	1		G7702, 03	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4538	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7704	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4539	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		C7705	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4541, 42	ECUM1H152KBN	G. CAPACITOR CH 50V 1500P	2		C7706	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4901, 02	ECUM1H471KBN	G. CAPACITOR CH 50V 470P	2		C7707	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4903, 04	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	2		C7708, 09	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	2	
C4905, 06	ECUM1H471KBN	G. CAPACITOR CH 50V 470P	2		C7710	ECUX1C474ZFN	C. CAPACITOR CH 16V 0.47U	1	
C4907, 08	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	2		G7711	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4911-14	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	4		C7712	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4915, 16	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	2		C7713	ECUX1E333ZFN	C. CAPACITOR CH 25V 0.033U	1	
C4917	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7715	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4918-21	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	4		C7716	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
G6001	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C7717	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
G6002	ECUM1H060DCN	G. CAPACITOR CH 50V 6P	1		C7718	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G6003	ECUM1H200JCN	G. CAPACITOR CH 50V 20P	1		C7719	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G6004	ECUM1H120JCN	G. CAPACITOR CH 50V 12P	1		C7722	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G6005	ECUM1H060DCN	G. CAPACITOR CH 50V 6P	1		C7723	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
G6007	ECUM1H151JCN	G. CAPACITOR CH 50V 150P	1		C7724	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
G6009	ECUM1H222KBN	G. CAPACITOR CH 50V 2200P	1		C7725	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G6011	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		C7726, 27	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G6012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1		C7728	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
G6013	ECEA1CKA100	E. CAPACITOR 16V 10U	1		C7729	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7730	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
G6017, 18	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2		C7731	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
G6019	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1		C7732	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
G6020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7733, 34	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2	
G6022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2		C7735, 36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7302	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1		C7737	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
G7304	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1		C7738	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G7308	ECUM1H181JCN	G. CAPACITOR CH 50V 180P	1		C7739	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7309	ECUM1H152KBN	G. CAPACITOR CH 50V 1500P	1		C7740	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
G7310	ECEA1CKA100	E. CAPACITOR 16V 10U	1		C7741, 42	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7311	ECEA1CKA101	E. CAPACITOR 16V 100U	1		C7744	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G7312	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	1		C7745	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
G7313	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1		C7746, 47	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7314, 15	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	2		C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7320, 21	ECEA1CKA100	E. CAPACITOR 16V 10U	2						
G7323, 24	ECUM1H153KBM	G. CAPACITOR CH 50V 0.015U	2		D1003	1SS254	DIODE	1	
G7325	ECUX1H223KBM	G. CAPACITOR CH 50V 0.022U	1		D1004	MA4051-M	DIODE	1	
G7326	ECEA1CKN100	E. CAPACITOR 16V 10U	1		D1005	1SS254	DIODE	1	
G7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1		D1006	MA4120-M	DIODE	1	
G7330	ECEA1CKA100	E. CAPACITOR 16V 10U	1		D1009	MA4051-M	DIODE	1	
G7332, 33	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2		D1010	1SS254	DIODE	1	
G7337	ECUX1H103ZFV	G. CAPACITOR CH 50V 0.01U	1		D1011, 12	11ES1	DIODE	2	
G7339	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1		D1013	MA723-VT	DIODE	1	
G7340	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1		D1015, 16	1SS254	DIODE	2	
G7341	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1		D1501	S1R505S	DIODE	1	
G7345	ECUX1H103ZFV	G. CAPACITOR CH 50V 0.01U	1		D2501	MA723-VT	DIODE	1	
G7346	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1		D2502-05	1SS254	DIODE	4	
G7347	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1		D2506-08	MA151HW	DIODE	3	
G7349, 50	ECUX1H221JCV	G. CAPACITOR CH 50V 220P	2		D3001	1SS254	DIODE	1	
G7352	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1		D3009	ERDS2TJ101	C. RESISTOR 1/4W 100	1	
G7353	ECEA1CKA470	E. CAPACITOR 16V 47U	1		D3010	1SS254	DIODE	1	
G7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		D3014	1SS254	DIODE	1	
G7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1		D3015	MA151K	DIODE	1	
G7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		D3016	MA151WA	DIODE	1	
G7506	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1		D3017	1SS254	DIODE	1	
G7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2		D3901, 02	MA4056-M	DIODE	2	
G7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		D3903	1SS254	DIODE	1	
G7514	VCE0073	SUPER CAPACITOR	1		D3905	1SS254	DIODE	1	
G7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1		D3906	MA4120-M	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3907.08	MA4056-M	DIODE	2	
D4503-05	1SS254	DIODE	3	
D4901	1SS254	DIODE	1	
D5501	ERDS2TJ330	C. RESISTOR 1/4W	33	1
D7304	MA29T-B	DIODE	1	
D7305	1SS254	DIODE	1	
D7307	MA151K	DIODE	1	
D7521	MA4220-L	DIODE	1	
D7523	MA723-VT	DIODE	1	
D7601	MA4300-M	DIODE	1	
D7602.03	1SS254	DIODE	2	
D7701	MA151WK	DIODE	1	
D7702	MA153	DIODE	1	
D7705	1SS355	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC0701	LA7576	IC	1	
IC1001	PQ20VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPC1093J	IC	1	
IC1501.02	RP1354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3814K	IC	1	
IC3001	TDA9725V2	IC	1	[SUPPLIED FROM MBV]
IC3002	TL8850AF	IC	1	
IC3901	STV6400D	IC	1	[SUPPLIED FROM MBV]
IC4001	BA7795FS	IC	1	
IC4501	BH7803K	IC	1	[SUPPLIED FROM MBV]
IC4901	MC14052BF	IC	1	
IC4902	MC14053BF	IC	1	
IC4903	NJM4558M	IC	1	
IC6001	M3777V1CJ	IC	1	[SUPPLIED FROM MBV]
IC7301	TDA9845	IC	1	
IC7302	TA8721SN	IC	1	
IC7501	M35500AFP	IC	1	[SUPPLIED FROM MBV]
IC7502	S80743AL	IC	1	
IC7503	PST7028	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	
IC7701	NJM2246M	IC	1	[SUPPLIED FROM MBV]
IC7702	SDA5650	IC	1	[SUPPLIED FROM MBV]
IC7703	M35062WVAR	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	
IC7705	M30612VGCZ	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201.02	UNH000300A	IC PROTECTOR	2	
△ IP7601	VSF0015A025	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4902	VJS3634	21PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ3GEY0R00	M. RESISTOR CH 1/16W	0	1
K0704.05	ERJ3GEY0R00	M. RESISTOR CH 1/16W	0	2
K2501	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
K3001.02	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	2
K3007.08	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	2
K3902	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
K4003.04	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	2
K4501.02	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	2
K4902.03	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	2
K5501	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
K6002	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
K6004	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
K7302	ERJ3GEY0R00	M. RESISTOR CH 1/16W	0	1
K7315	ERJ3GEYG302	M. RESISTOR CH 1/16W	3K	1
K7316	ERJ6GEY0R00	M. RESISTOR CH 1/10W	0	1
K7507	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
K7607	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
K7704	ERJ6GEY0R00	M. RESISTOR CH 1/10W	0	1
K7804	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
K7806	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
L0701	VLQ0163JR12	COIL	0.12UH	1
L0705	VLQ0163J5R6	COIL	5.6UH	1
L0706	VLQEL05S150K	COIL	15UH	1

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L2502	VLQ0599J101	COIL	100UH	1
L3001	VLQ0599J100	COIL	10UH	1
L3002	VLQ0599J270	COIL	27UH	1
L3003	VLQ0599J470	COIL	47UH	1
L3006.07	VLQ0599J390	COIL	39UH	2
L3008.09	VLQ0599J680	COIL	68UH	2
L3010	VLQ0599J390	COIL	39UH	1
L3013	VLQ0599J101	COIL	100UH	1
L3014	VLQ0599J100	COIL	10UH	1
L3015	VLQ0599J470	COIL	47UH	1
L3016	VLQ0599J151	COIL	15UH	1
L3017	VLQ0599J820	COIL	82UH	1
L3018	VLQ0599J151	COIL	15UH	1
L3019	VLQ0599J120	COIL	12UH	1
L3020	VLQ0599J101	COIL	100UH	1
L3021	VLQ0599J270	COIL	27UH	1
L3022	VLQ0599J680	COIL	6.8UH	1
L3024	VLQ0599J271	COIL	270UH	1 [SUPPLIED FROM MBV]
L3901-04	VLQ0599J330	COIL	33UH	4
L4001	VLQ0599J680	COIL	68UH	1
L4002	ELELN103JA	COIL		1 [SUPPLIED FROM MBV]
L5502	ERDS2TJ330	C. RESISTOR 1/4W	33	1
L7601	VLQ0599J330	COIL	33UH	1
L7602	VLQ0599J2R7	COIL	2.7UH	1
L7603	VLQ0599J330	COIL	33UH	1
L7605	ELESN330KA	COIL	33UH	1
L7611	VLQ0599J100	COIL	10UH	1
L7701.02	ELESE390KA	INDUCTOR	39UH	2
L7706	ELESN270KA	INDUCTOR	27UH	1
L7707	ELESE100KA	INDUCTOR	10UH	1
L7708	ELESE101KA	INDUCTOR	100UH	1
LB3001-04	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	4
LB3006.07	VLPO145	COIL		2
LB3008	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
LB4901-03	VLPO147	COIL		3
LB7501	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
LB7601	VLPO125	COIL		1
LB7701	VLPO145	COIL		1
LB7801	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	1
P1001	VJS3917A016W	CONNECTOR (FEMALE)	16P	1
P1501	VJS3837A002	CONNECTOR (FEMALE)	2P	1
P2501	VJP3835A012	CONNECTOR (MALE)	12P	1
P2502	VJS3537A009G	CONNECTOR (FEMALE)	9P	1
P3001	VJS3537A016G	CONNECTOR (FEMALE)	16P	1
P4001	VJS3837A002	CONNECTOR (FEMALE)	2P	1
P4004	VJS3537A006G	CONNECTOR (FEMALE)	6P	1
PK0701	VJR0816E010W	CONNECTOR (MALE)	10P	1
PK7301.02	VJR0777B007W	CONNECTOR (MALE)	7P	1
PK7302	VJR0777B005W	CONNECTOR (MALE)	5P	1
PP0701	VJP3589A004B	CONNECTOR (MALE)	4P	1
PP7701	VJP3043G012W	CONNECTOR (MALE)	12P	1
PP7702	VJP3043G015W	CONNECTOR (MALE)	15P	1
PS7701	VJS3043F012W	CONNECTOR (FEMALE)	12P	1
PS7702	VJS3043B015W	CONNECTOR (FEMALE)	15P	1
Q0701	MSD601-S	TRANSISTOR		1
Q0702	MSB709-R	TRANSISTOR		1
Q1001	2SD601A	TRANSISTOR		1
Q1002	2SD602A	TRANSISTOR		1
Q1003	2SD1996	TRANSISTOR		1
Q1004	2SB710A	TRANSISTOR		1
Q1005	2SD25440PQA	TRANSISTOR		1
Q1006	2SD1996	TRANSISTOR		1
Q1007	2SD602A-R	TRANSISTOR		1
Q1201	2SD2259	TRANSISTOR		1
Q1202	2SD1996	TRANSISTOR		1
Q1501	PNB2301MBV	TRANSISTOR		1
Q1502	PNB2301MAV	TRANSISTOR		1
Q1503	2SD601A	TRANSISTOR		1
Q3001.02	2SD601A	TRANSISTOR		2

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3003	MSC2295-C	TRANSISTOR	1		R1003_04	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	2	
Q3004	2SB709A	TRANSISTOR	1		R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
Q3005	2SD601A	TRANSISTOR	1		R1006	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
Q3008	MSC2295-C	TRANSISTOR	1		R1007_08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
Q3012_13	2SD601A	TRANSISTOR	2		R1009_10	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
Q3014	2SB709A	TRANSISTOR	1		R1011	ERJ6GMYG823	M. RESISTOR CH 1/10W 82K	1	
Q3015	2SB709A-R	TRANSISTOR	1		R1012	ERDS2TJ472	C. RESISTOR 1/4W 4.7K	1	
Q3017	MSC2295-C	TRANSISTOR	1		R1013	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
Q3018	2SD601A	TRANSISTOR	1		R1014	ERJ6GMYG163	M. RESISTOR CH 1/10W 16K	1	
Q3019	MSC2295-C	TRANSISTOR	1		R1015	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
Q3021	MSC2295-C	TRANSISTOR	1		R1016_17	ERJ6GMYG563	M. RESISTOR CH 1/10W 56K	2	
Q3022	2SB709A	TRANSISTOR	1		R1018_19	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
Q3023_24	MSC2295-C	TRANSISTOR	2		R1022	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
Q3901_02	2SD601A	TRANSISTOR	2		R1023	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
Q3903	2SD1328	TRANSISTOR	1		R1024	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
Q4001	2SB710-R	TRANSISTOR	1		R1201	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
Q4002	2SD602A-R	TRANSISTOR	1		R1202	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
Q4501	2SD601A	TRANSISTOR	1		R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
Q4502	2SA1515	TRANSISTOR	1		R1205	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
Q4503	2SD1468	TRANSISTOR	1		R1501_02	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	2	
Q5502	2SD601A	TRANSISTOR	1		R2504	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
Q7301	MSD601-S	TRANSISTOR	1		R2505	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
Q7601	2SD601A	TRANSISTOR	1		R2506_07	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
Q7602-05	2SD1328-S	TRANSISTOR	4		R2510	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
Q7606	2SB709A	TRANSISTOR	1		R2511	ERJ6GMYG433	M. RESISTOR CH 1/10W 43K	1	
Q7701	2SB709A	TRANSISTOR	1		R2513	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270K	1	
Q7702_03	2SD601A	TRANSISTOR	2		R2514	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
Q7704	2SB709A	TRANSISTOR	1		R2515_16	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
Q7705_06	2SD601A	TRANSISTOR	2		R2518	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
Q7707	2SB709A	TRANSISTOR	1		R2520	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1	
Q7708-11	2SD601A	TRANSISTOR	4		R2521_22	ERDS2TJ330	C. RESISTOR 1/4W 33	2	
Q7712_13	2SB709A	TRANSISTOR	2		R2523	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1	
					R2524	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1		R2532	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
QR1002	MUN2213	TRANSISTOR-RESISTOR	1		R3001	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1		R3002	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
QR1005	MUN2213	TRANSISTOR-RESISTOR	1		R3003_04	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
QR1501	MUN2112	TRANSISTOR-RESISTOR	1		R3005	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
QR2504	MUN2213	TRANSISTOR-RESISTOR	1		R3006_07	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
QR3001	MUN2213	TRANSISTOR-RESISTOR	1		R3008	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
QR3002	MUN2113	TRANSISTOR-RESISTOR	1		R3009	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
QR3006	UN2210	TRANSISTOR-RESISTOR	1		R3010	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
QR3007-10	MUN2113	TRANSISTOR-RESISTOR	4		R3011	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
QR3012_13	DTC363EK	TRANSISTOR-RESISTOR	2		R3012	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
QR3014	MUN2212	TRANSISTOR-RESISTOR	1		R3013	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
QR3901	MUN2212	TRANSISTOR-RESISTOR	1		R3014	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
QR3903	MUN2111	TRANSISTOR-RESISTOR	1		R3015	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
QR3904	MUN2212	TRANSISTOR-RESISTOR	1		R3016	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1		R3017	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
QR4505	MUN2212	TRANSISTOR-RESISTOR	1		R3018	ERJ6GMYG471	M. RESISTOR CH 1/10W 470	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1		R3019	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1		R3020	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
QR7304	MUN2213	TRANSISTOR-RESISTOR	1		R3021	ERJ6GMYG470	M. RESISTOR CH 1/10W 47	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1		R3024_25	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1		R3026	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R0705	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1		R3027	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R0706_07	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	2		R3029	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R0708	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1		R3030	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1		R3040	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R0710	ERJ6GEYJ154	M. RESISTOR CH 1/10W 150K	1		R3043	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R0713	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1		R3044	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1		R3046	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R0715	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	1		R3047	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1		R3048	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1		R3049	ERJ6GMYG390	M. RESISTOR CH 1/10W 39	1	
R0718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1		R3050	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R0719	ERJ6GEYJ752	M. RESISTOR CH 1/10W 7.5K	1		R3051	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R0720	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1		R3052	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1		R3053	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R0728	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1		R3057	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R0729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1		R3058	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R0732	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1		R3060	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1		R3061	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R1001_02	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	2		R3062	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
					R3063	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3064	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
R3065	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3066	ERJ6GMYG225	M. RESISTOR CH 1/10W 2.2K	1	
R3067	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3069	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3070	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R3071	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3072	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R3073	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3075, 76	ERJ6GMYG202	M. RESISTOR CH 1/10W 2K	2	
R3077	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3078	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3079	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3080	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3081	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3082	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3084, 85	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	2	
R3086	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3087	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3088	ERJ6GEYG223	M. RESISTOR CH 1/10W 22K	1	
R3089	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R3090	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3091	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3092	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3093	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3095, 96	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	2	
R3097	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3113	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R3115, 16	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3117	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3118	ERJ6GMYG470	M. RESISTOR CH 1/10W 47	1	
R3901	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R3903, 04	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	2	
R3905, 06	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	2	
R3907, 08	VLP0147	COIL	2	
R3909	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1	
R3911	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R3914	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3921	ERDS1TJ222	C. RESISTOR 1/2W 2.2K	1	
R3922	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R3923	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3924, 25	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R3933	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4001	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4002	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4003	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4004	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4005	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1	
R4006	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4007	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4008	ERJ6GMYG391	M. RESISTOR CH 1/10W 390	1	
R4009	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R4010	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4011	ERJ6GMYJ622	M. RESISTOR CH 1/10W 6.2K	1	
R4012	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4014	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4015	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4016	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4017	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4018	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R4019	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4020	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4021, 22	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4023	ERJ6GMYG912	M. RESISTOR CH 1/10W 9.1K	1	
R4024, 25	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	2	
R4026	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R4028	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4029	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R4030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4032	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4033	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R4034	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4037	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4516	ERJ6GEYG223	M. RESISTOR CH 1/10W 22K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4517	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4519	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4520, 21	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	2	
R4522, 23	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4528	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4529	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4530	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4531	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4532	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R4533	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4534	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R4535	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4536	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4538	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4540	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R4541	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4542	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R4543	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R4544	ERJ6GEYF393	M. RESISTOR CH 1/10W 39K	1	
R4545	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R4548, 49	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R4558-60	ER61SJ270	M. RESISTOR 1W 27	3	
R4901, 02	VLP0147	COIL	2	
R4903-06	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	4	
R4907, 08	VLP0147	COIL	2	
R4909	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4910	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1	
R4911	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4912	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4913	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4914	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4917	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R5516	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R5519	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6001	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R6002	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R6003	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R6008, 09	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R6010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6012, 13	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R6015, 16	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	2	
R6017	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R6018	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R6019	ERJ6GMYJ106	M. RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R6026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6031	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R6032	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R6033	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R6034	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6040	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6042	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6063	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7302	ERJ3GEYG113	M. RESISTOR CH 1/16W 11K	1	
R7303	ERJ3GEYG222	M. RESISTOR CH 1/16W 2.2K	1	
R7304	ERJ3GEYG392	M. RESISTOR CH 1/16W 3.9K	1	
R7305	ERJ3GEYG562	M. RESISTOR CH 1/16W 5.6K	1	
R7307	ERJ3GEYG272	M. RESISTOR CH 1/16W 2.7K	1	
R7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7313	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7320	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R7323	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R7324, 25	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	2	
R7326	ERJ3GEYG113	M. RESISTOR CH 1/16W 11K	1	
R7327	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7328	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		R7737	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1	
R7329	ERJ3GEYG332	M. RESISTOR CH 1/16W 3.3K	1		R7738	ERJ6GEYG821	M. RESISTOR CH 1/10W 820	1	
R7330	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		R7739	ERJ6GEYG512	M. RESISTOR CH 1/10W 5.1K	1	
R7331	ERJ3GEYG113	M. RESISTOR CH 1/16W 11K	1		R7741	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R7336	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	1		R7742	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R7337	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1		R7743	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R7345	ERJ3GEYG182	M. RESISTOR CH 1/16W 1.8K	1		R7744	ERJ6GEYF333	M. RESISTOR CH 1/10W 33K	1	
R7352, 53	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2		R7745	ERJ6GEYG153	M. RESISTOR CH 1/10W 15K	1	
R7354, 55	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	2		R7746	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R7358, 59	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2		R7747	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
R7362, 63	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2		R7748	ERJ6GEYJ224	M. RESISTOR CH 1/10W 220K	1	
R7501	ERDS2TJ5R6	C. RESISTOR 1/4W 5.6	1		R7749	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
R7502, 03	ERJ6GMYG202	M. RESISTOR CH 1/10W 2K	2		R7750	ERJ6GEYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R7505	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1		R7752	ERJ6GEYG273	M. RESISTOR CH 1/10W 27K	1	
R7506-08	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	3		R7753	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R7509	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1		R7754	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7510	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1		R7755	ERJ6GEYG223	M. RESISTOR CH 1/10W 22K	1	
R7511	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1		R7756	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R7512	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1		R7757	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R7514	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1		R7759-64	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	6	
R7515	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1		R7766, 67	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	2	
R7516	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1		R7768	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R7517	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1		R7769	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R7520, 21	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2		R7770	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7523-25	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	3		R7771	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R7527	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1		R7774-78	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	5	
R7528	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R7779, 80	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R7531, 32	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	2		R7781	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R7533	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	1						
R7534	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1		S1501	VSS0520	MODE SELECT SWITCH	1	
R7535	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1		S7503, 04	EVQ11L07B	SWITCH	2	
R7601, 02	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2		S7505	VES0834	S-TAB SWITCH	1	
R7603	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		S7506, 07	EVQ11L07B	SWITCH	2	
R7605, 06	ERGS2SJ331	M. RESISTOR 2W 330	2		S7509-11	EVQ11L07B	SWITCH	3	
R7607, 08	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2						
R7609, 10	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	2		T0703	EQV5EC071A	TRANSFORMER	1	
R7611	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		T0704	EQV5EC072A	TRANSFORMER	1	
R7612	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1		T4001	EQQ70F024P	TRANSFORMER	1	
R7613, 14	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2		T7301	EQR70G028P	TRANSFORMER	1	
R7618	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		T7304	EIS5EC017A	TRANSFORMER	1	
R7619	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1		T7305	EQS5EC033A	TRANSFORMER	1	
R7620	ERDS2TJ471	C. RESISTOR 1/4W 470	1						
R7621	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		△ TU7601	EN647279G1	TUNER	1	[SUPPLIED FROM MBV]
R7622	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1						
R7624	ERDS2TJ182	C. RESISTOR 1/4W 1.8K	1		VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
R7701	ERJ6GEYJ105	M. RESISTOR CH 1/10W 1M	1		VR3002, 03	EVNVCYAA03B23	V. RESISTOR 2K	2	
R7702	ERJ6GEYG680	M. RESISTOR CH 1/10W 68	1		VR3004, 05	EVNVCYAA03B52	V. RESISTOR 500	2	
R7703	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1		VR7301	EVNCBAA00B53	V. RESISTOR 5K	1	
R7704	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1						
R7705	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1		X0701	VLF1416	FILTER	1	[SUPPLIED FROM MBV]
R7706	ERJ6GEYG564	M. RESISTOR CH 1/10W 560K	1		X0703	EFGS5R5M5	CERAMIC FILTER	1	
R7707	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1		X0704	VLF1368	FILTER	1	
R7708	ERJ6GEYG682	M. RESISTOR CH 1/10W 6.8K	1		X3001	VSX0162	CRYSTAL OSCILLATOR	1	
R7709	ERJ6GEYJ125	M. RESISTOR CH 1/10W 1.2M	1		X6001	VSX0830	CRYSTAL OSCILLATOR	1	
R7710	ERJ6GEYG682	M. RESISTOR CH 1/10W 6.8K	1		X6002	VSX0660	CRYSTAL OSCILLATOR	1	
R7711	ERJ6GEYJ125	M. RESISTOR CH 1/10W 1.2M	1		X7301	EFGS5R5M5	CERAMIC FILTER	1	
R7712	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1		X7304	EFGS5R74MS5B	CERAMIC FILTER	1	
R7713-15	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	3		X7305	VSX0648	CRYSTAL OSCILLATOR	1	
R7716	ERJ6GEYG331	M. RESISTOR CH 1/10W 330	1		X7701	VSX0934	CERAMIC OSCILLATOR	1	[SUPPLIED FROM MBV]
R7717	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1						
R7718	ERJ6GEYG821	M. RESISTOR CH 1/10W 820	1				MISCELLANEOUS		
R7719	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1		VXQ0648	FIP HOLDER	1		
R7720	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1		VMP4894	SUPPORT ANGLE	1		FOR DECODER PACK C. B. A.
R7722	ERJ6GEYJ112	M. RESISTOR CH 1/10W 1.1K	1		VMP4471	TV DEMODULATOR ANGLE	1		FOR TV DEMODULATOR C. B. A.
R7723	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1						
R7726	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1						
R7727, 28	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	2		■ VEPO6C30B	MAIN C. B. A.			[SUPPLIED FROM MBV]
R7729	ERJ6GEYG152	M. RESISTOR CH 1/10W 1.5K	1						(RTL) NV-HD630B/B-S
R7730	ERJ6GEYG681	M. RESISTOR CH 1/10W 680	1						
R7731	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1		G0701-03	ECUX1H103ZV	G. CAPACITOR CH 50V 0.01U	3	
R7732	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1		G0704	ECUX1H331JGV	G. CAPACITOR CH 50V 330P	1	
R7733	ERJ6GEYG682	M. RESISTOR CH 1/10W 6.8K	1		G0705	ECUX1H151JCV	G. CAPACITOR CH 50V 150P	1	
R7734	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1		G0706	ECEA1HKAOR1	E. CAPACITOR 50V 0.1U	1	
R7735	ERJ6GEYF333	M. RESISTOR CH 1/10W 33K	1		G0707, 08	ECUX1H103ZV	G. CAPACITOR CH 50V 0.01U	2	
R7736	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1		G0709	ECUX1H120JGV	G. CAPACITOR CH 50V 12P	1	
					G0710	ECUX1H470JVP	G. CAPACITOR CH 50V 47P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
G0711	EGEA1CKA220	E. CAPACITOR 16V 22U	1	
G0712	EGUX1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G0714	EGQB1H473JF	P. CAPACITOR 50V 0.047U	1	
G0715	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G0716	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
G0717	EGUX1H270JVP	G. CAPACITOR CH 50V 27P	1	
G0718	ECEA1HKSR47	E. CAPACITOR 50V 0.47U	1	
G0719	EGUX1H430JCV	G. CAPACITOR CH 50V 43P	1	[SUPPLIED FROM MBV]
G0720	EGUX1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G0722	EGUX1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
G0724	EGQB1H473JF	P. CAPACITOR 50V 0.047U	1	
G0726	EGUX1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G0729	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
G0730	EGUX1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G0732	EGUX1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C1001	ECEA1AKG220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
C1002	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1CGE470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1006	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C1201	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C1204, 05	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	2	
C1501	ECUM1H221JCN	G. CAPACITOR CH 50V 220P	1	
C2505	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2506	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
C2507-10	ECUM1H563ZFN	G. CAPACITOR CH 50V 0.056U	4	
C2511	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C2512	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2517	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2519	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C2520	EGUX1H392KBN	G. CAPACITOR CH 50V 3900P	1	
C2523	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C2524	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2525	EGV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2526-28	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	3	
C2530	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2531	ECUM1H473ZFN	G. CAPACITOR CH 50V 0.047U	1	
C2532, 33	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	2	
C2535, 36	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
C3002	ECUM1H330JCN	G. CAPACITOR CH 50V 33P	1	
C3003	ECUM1H681JCN	G. CAPACITOR CH 50V 680P	1	
C3007	ECUM1H220JCN	G. CAPACITOR CH 50V 22P	1	
C3008	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3009	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3010	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C3011, 12	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
C3013	ECUM1H080DCN	G. CAPACITOR CH 50V 8P	1	
C3014	ECUM1H270JCN	G. CAPACITOR CH 50V 27P	1	
C3015, 16	ECUM1H101JCN	G. CAPACITOR CH 50V 100P	2	
C3018	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3019	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C3020	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3021	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3022	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3023	ECUM1H103KBN	G. CAPACITOR CH 50V 0.01U	1	
C3024	ECUM1H472KBN	G. CAPACITOR CH 50V 4700P	1	
C3025	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3026	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	1	
C3027, 28	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C3029	EGUX1H223KBN	G. CAPACITOR CH 50V 0.022U	1	
C3030	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C3031	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C3032	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3033	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3035, 36	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	2	
C3037	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C3038	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
C3039	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
G3040, 41	ECUM1H330JCN	G. CAPACITOR CH 50V 33P	2	
G3042	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G3043	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
G3044, 45	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
G3051	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G3052	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
G3053	ECUM1H152KBN	G. CAPACITOR CH 50V 1500P	1	
G3054	ECUX1H392KBN	G. CAPACITOR CH 50V 3900P	1	
G3055	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
G3056	ECUM1H221JCN	G. CAPACITOR CH 50V 220P	1	
G3057	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
G3058, 59	ECUM1H102KBN	G. CAPACITOR CH 50V 1000P	2	
G3060	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G3061	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
G3062	ECUM1H390JCN	G. CAPACITOR CH 50V 39P	1	
G3063	ECUM1H102GCN	G. CAPACITOR CH 50V 1000P	1	[SUPPLIED FROM MBV]
G3065	ECUX1H223KBN	G. CAPACITOR CH 50V 0.022U	1	
G3066	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
G3067	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	1	
G3068	ECUM1H681GCN	G. CAPACITOR CH 50V 680P	1	[SUPPLIED FROM MBV]
G3069	ECUM1H680JCN	G. CAPACITOR CH 50V 68P	1	
G3070	ECUM1H20JCN	G. CAPACITOR CH 50V 82P	1	
G3071	ECUM1H101JCN	G. CAPACITOR CH 50V 100P	1	
G3072	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
G3073	ECUM1H102KBN	G. CAPACITOR CH 50V 1000P	1	
G3074	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G3075	ECUX1C474KBN	G. CAPACITOR CH 16V 0.47U	1	
G3076	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
G3077	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G3078	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
G3079	ECUM1H22KBN	G. CAPACITOR CH 50V 2200P	1	
G3080	ECUM1E333KBN	G. CAPACITOR CH 25V 0.033U	1	
G3081	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G3082	ECUM1H330JCN	G. CAPACITOR CH 50V 33P	1	
G3083	ECUM1H680JCN	G. CAPACITOR CH 50V 68P	1	
G3085	ECUM1H181JCN	G. CAPACITOR CH 50V 180P	1	
G3086	ECUM1H220JCN	G. CAPACITOR CH 50V 22P	1	
G3087	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
G3088	ECUM1H220JCN	G. CAPACITOR CH 50V 22P	1	
G3089	ECUM1H180JCN	G. CAPACITOR CH 50V 18P	1	
G3090	ECUM1H330JCN	G. CAPACITOR CH 50V 33P	1	
G3092	ECUM1H681JCN	G. CAPACITOR CH 50V 680P	1	
G3094	ECUM1H620JCN	G. CAPACITOR CH 50V 62P	1	
G3095	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
G3096	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
G3097	ECUM1H151JCN	G. CAPACITOR CH 50V 150P	1	
G3099	ECUM1H220JCN	G. CAPACITOR CH 50V 22P	1	
G3101, 02	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
G3109	ECUM1H223ZFN	G. CAPACITOR CH 50V 0.022U	1	
G3901	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
G3902, 03	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
G3904	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
G3905-07	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	3	
G3908	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
G3910	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
G3912, 13	ECEA1CKA470	E. CAPACITOR 16V 47U	2	
G3915	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
G3916	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
G3917	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
G3918-20	ECEA0JKA470	E. CAPACITOR 6.3V 47U	3	
G3921, 22	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
G3923	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
G3924	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
G4002	ECUM1H152JCN	G. CAPACITOR CH 50V 1500P	1	
G4003	ECUX1H223KBN	G. CAPACITOR CH 50V 0.022U	1	
G4004	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
G4005	EGQB1H223JF	P. CAPACITOR 50V 0.022U	1	
G4006, 07	ECUM1H471JCN	G. CAPACITOR CH 50V 470P	2	
G4008, 09	ECEA1CKA220	E. CAPACITOR 16V 22U	2	
G4010	ECUM1H122JCN	G. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
G4011	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
G4012	ECUM1H222JCN	G. CAPACITOR CH 50V 2200P	1	
G4013	ECUM1H152JCN	G. CAPACITOR CH 50V 1500P	1	
G4014	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
G4015	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4016, 17	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2		C7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4019	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1		C7514	VCE0073	SUPER CAPACITOR	1	
C4020	ECEATHKA4R7	E. CAPACITOR 50V 4.7U	1		C7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4021	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1		C7517, 18	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C4022	ECEATHKAOR1	E. CAPACITOR 50V 0.1U	1		C7601	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECEA1AKA101	E. CAPACITOR 10V 100U	1		C7602	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4024, 25	EGQV1H104B46	P. CAPACITOR 50V 0.1U	2		C7604	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4026	ECEA1AKA220	E. CAPACITOR 10V 22U	1		C7607	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4027	ECEA1CKA100	E. CAPACITOR 16V 10U	1		C7608	ECEATHKA100	E. CAPACITOR 50V 10U	1	
C4032	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		C7609	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1	
C4518	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7610	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4519	ECA1CAK100X	E. CAPACITOR 16V 10U	1		C7611	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4520	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7614	ECEATHKA010	E. CAPACITOR 50V 1U	1	
C4521	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		C7615, 16	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C4522	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7617	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4524, 25	ECAOJAK101X	E. CAPACITOR 6.3V 100U	2		C7618, 19	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4527	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7701	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4528	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1		C7702, 03	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4529	ECA1HAK4R7	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	C7704	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4530	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7705	ECEATHKA010	E. CAPACITOR 50V 1U	1	
C4531	ECEATHKA4R7	E. CAPACITOR 50V 4.7U	1		C7706	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4532	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7707	ECEATHKA010	E. CAPACITOR 50V 1U	1	
C4536	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		C7708, 09	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	2	
C4537	ECA1CAK100X	E. CAPACITOR 16V 10U	1		C7710	ECUX1C474ZFN	C. CAPACITOR CH 16V 0.47U	1	
C4538	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7711	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4539	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		C7712	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4541, 42	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	2		C7713	ECUX1E333ZFN	C. CAPACITOR CH 25V 0.033U	1	
C4901, 02	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	2		C7715	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4903, 04	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	2		C7716	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4905, 06	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	2		C7717	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4907, 08	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	2		C7718	ECEATHKA010	E. CAPACITOR 50V 1U	1	
C4911-14	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	4		C7719	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4915, 16	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	2		C7722	ECEATHKA010	E. CAPACITOR 50V 1U	1	
C4917	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7723	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4918-21	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	4		C7724	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C6001	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C7725	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C6002	ECUM1H060DCN	C. CAPACITOR CH 50V 6P	1		C7726, 27	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C6003	ECUM1H200JCN	C. CAPACITOR CH 50V 20P	1		C7728	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C6004	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1		C7729	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6005	ECUM1H060DCN	C. CAPACITOR CH 50V 6P	1		C7730	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C6007	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1		C7731	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C6009	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1		C7733, 34	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2	
C6011	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		C7735, 36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C6012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1		C7737	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C6013	ECEA1CKA100	E. CAPACITOR 16V 10U	1		C7738	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7739	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6017, 18	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2		C7740	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C6019	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1		C7741, 42	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C6020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7745	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C6022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2		C7746, 47	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7301	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7302	VCEAOJAW101	E. CAPASITOR 6.3V 100U	1		C7909	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7303	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7910	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7304	VCEAOJAW101	E. CAPASITOR 6.3V 100U	1						
C7307	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1						
C7308	ECEATHKA2R2	E. CAPACITOR 50V 2.2U	1		D1003	1SS254	DIODE	1	
C7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		D1004	MA4051-M	DIODE	1	
C7312, 13	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2		D1005	1SS254	DIODE	1	
C7315	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1		D1006	MA4120-M	DIODE	1	
C7316	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		D1009	MA4051-M	DIODE	1	
C7317	VCEA1CAW100	E. CAPASITOR 16V 10U	1		D1010	1SS254	DIODE	1	
C7318	VCEAOJAW470	E. CAPASITOR 6.3V 47U	1		D1011, 12	11ES1	DIODE	2	
C7319, 20	VCEA1CAW100	E. CAPACITOR 16V 10U	2		D1013	MA723-VT	DIODE	1	
C7321	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		D1015, 16	1SS254	DIODE	2	
C7322, 23	ECUX1H103KBN	C. CAPACITOR CH 50V 0.01U	2		D1501	SIR505S	DIODE	1	
C7324-26	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	3		D2501	MA723-VT	DIODE	1	
C7327	ECUM1C334KBN	C. CAPACITOR CH 16V 0.33U	1		D2502-05	1SS254	DIODE	4	
C7328	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1		D2506-08	MA151WK	DIODE	3	
C7329	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1		D3001	1SS254	DIODE	1	
C7330	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1		D3009	ERDS2TJ101	C. RESISTOR 1/4W 100	1	
C7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		D3010	1SS254	DIODE	1	
C7502	ECEATHKA100	E. CAPACITOR 50V 10U	1		D3014	1SS254	DIODE	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		D3015	MA151K	DIODE	1	
C7506	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1		D3016	MA151WA	DIODE	1	
C7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2		D3017	1SS254	DIODE	1	
					D3901, 02	MA4056-M	DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3903	1SS254	DIODE	1	
D3905	1SS254	DIODE	1	
D3906	MA4120-M	DIODE	1	
D3907.08	MA4056-M	DIODE	2	
D4503-05	1SS254	DIODE	3	
D4901	1SS254	DIODE	1	
D5501	ERDS2TJ330	C. RESISTOR 1/4W	33	
D7302	BB135	DIODE	1	[SUPPLIED FROM MBV]
D7521	MA4220-L	DIODE	1	
D7523	MA723-VT	DIODE	1	
D7601	MA4300-M	DIODE	1	
D7602.03	1SS254	DIODE	2	
D7701	MA151WK	DIODE	1	
D7702	MA153	DIODE	1	
D7705	1SS355	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
FL7301	VLF0633	FILTER	1	
IC0701	LA7576	IC	1	
IC1001	PQ20VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPC1093J	IC	1	
IC1501.02	RP1354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3814K	IC	1	
IC3001	TDA9725V2	IC	1	[SUPPLIED FROM MBV]
IC3002	TL8850AF	IC	1	
IC3901	STV6400D	IC	1	[SUPPLIED FROM MBV]
IC4001	BA7795FS	IC	1	
IC4501	BH7803K	IC	1	[SUPPLIED FROM MBV]
IC4901	MC14052BF	IC	1	
IC4902	MC14053BF	IC	1	
IC4903	NJM4558M	IC	1	
IC6001	M37777V1GJ	IC	1	[SUPPLIED FROM MBV]
IC7301	TA9874H	IC	1	[SUPPLIED FROM MBV]
IC7302	PST7043	IC	1	
IC7501	M35500AFP	IC	1	[SUPPLIED FROM MBV]
IC7502	S80743AL	IC	1	
IC7503	PST7028	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	
IC7701	NJM2246M	IC	1	[SUPPLIED FROM MBV]
IC7702	SDA5650	IC	1	[SUPPLIED FROM MBV]
IC7703	M35062WVAR	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	
IC7705	M30612VCGZ	IC	1	[SUPPLIED FROM MBV]
IC7906	M34510W2CR	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201.02	UNH000300A	IC PROTECTOR	2	
△ IP7601	VSF0015A025	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4902	VJS3634	21PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ36EYOR00	M. RESISTOR CH 1/16W	0 1	
K0704-06	ERJ36EYOR00	M. RESISTOR CH 1/16W	0 3	
K2501	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K3001.02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K3007.08	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K3902	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K4003.04	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K4501.02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K4902.03	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K5501	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K6002	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K6004	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7301.02	ERJ66EYOR00	M. RESISTOR CH 1/10W	0 2	
K7304	ERJ66EYOR00	M. RESISTOR CH 1/10W	0 1	
K7507	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7608	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7704	ERJ66EYOR00	M. RESISTOR CH 1/10W	0 1	
K7804	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7806	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7901.02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
K7904	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7907	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7909-11	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 3	
L0701	VLQ0163JR15	COIL	0.15UH	1
L0705	VLQ0163JAR7	COIL	4.7UH	1
L0706	VLQEL05S8R2K	COIL	8.2UH	1
L2502	VLQ0599J101	COIL	100UH	1
L3001	VLQ0599J100	COIL	10UH	1
L3002	VLQ0599J270	COIL	27UH	1
L3003	VLQ0599J470	COIL	47UH	1
L3006.07	VLQ0599J390	COIL	39UH	2
L3008.09	VLQ0599J680	COIL	68UH	2
L3010	VLQ0599J390	COIL	39UH	1
L3013	VLQ0599J101	COIL	100UH	1
L3014	VLQ0599J100	COIL	10UH	1
L3015	VLQ0599J470	COIL	47UH	1
L3016	VLQ0599J151	COIL	150UH	1
L3017	VLQ0599J820	COIL	82UH	1
L3018	VLQ0599J151	COIL	150UH	1
L3019	VLQ0599J120	COIL	12UH	1
L3020	VLQ0599J101	COIL	100UH	1
L3021	VLQ0599J270	COIL	27UH	1
L3022	VLQ0599J6R8	COIL	6.8UH	1
L3024	VLQ0599J271	COIL	270UH	1
L3901-04	VLQ0599J330	COIL	33UH	4
L4001	VLQ0599J680	COIL	68UH	1
L4002	ELELN103JA	COIL		1 [SUPPLIED FROM MBV]
L5502	ERDS2TJ330	C. RESISTOR 1/4W	33	1
L7301	VLQ0599J3R3	COIL	3.3UH	1
L7302	VLQ0599J1R0	COIL	1UH	1
L7601	VLQ0599J330	COIL	33UH	1
L7602	VLQ0599J2R7	COIL	2.7UH	1
L7603	VLQ0599J330	COIL	33UH	1
L7605	ELESN330KA	COIL	33UH	1
L7611	VLQ0599J100	COIL	10UH	1
L7701.02	ELESE390KA	INDUCTOR	39UH	2
L7707	ELESE100KA	INDUCTOR	10UH	1
L7708	ELESE101KA	INDUCTOR	100UH	1
LB3001-04	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 4	
LB3006.07	VLP0145	COIL		2
LB3008	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
LB4901-03	VLP0147	COIL		3
LB7301-04	VLP0150	COIL		4
LB7501	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
LB7601	VLP0125	COIL		1
LB7701	VLP0145	COIL		1
LB7801	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
P1001	VJS3917A016W	CONNECTOR (FEMALE)	16P	1
P1501	VJS3837A002	CONNECTOR (FEMALE)	2P	1
P2501	VJP3835A012	CONNECTOR (MALE)	12P	1
P2502	VJS3537A009G	CONNECTOR (FEMALE)	9P	1
P3001	VJS3537A016G	CONNECTOR (FEMALE)	16P	1
P4001	VJS3837A002	CONNECTOR (FEMALE)	2P	1
P4004	VJS3537A006G	CONNECTOR (FEMALE)	6P	1
PK0701	VJR0816E010W	CONNECTOR (MALE)	10P	1
PK7301.02	VJR0777B007W	CONNECTOR (MALE)	7P	1
PK7302	VJR0777B006W	CONNECTOR (MALE)	6P	1
PP0701	VJP3589A004B	CONNECTOR (MALE)	4P	1
PP7701	VJP3043G012W	CONNECTOR (MALE)	12P	1
PP7702	VJP3043G015W	CONNECTOR (MALE)	15P	1
PS7701	VJS3043F012W	CONNECTOR (FEMALE)	12P	1
PS7702	VJS3043B015W	CONNECTOR (FEMALE)	15P	1
Q0701	MSD601-S	TRANSISTOR		1
Q0702	MSB709-R	TRANSISTOR		1
Q1001	2SD601A	TRANSISTOR		1
Q1002	2SD602A	TRANSISTOR		1
Q1003	2SD1996	TRANSISTOR		1
Q1004	2SB710A	TRANSISTOR		1



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q1005	2SD25440PQA	TRANSISTOR	1		R0719	ERJ6GEY0752	M. RESISTOR CH 1/10W 7.5K	1	
Q1006	2SD1996	TRANSISTOR	1		R0720	ERJ3GEY0102	M. RESISTOR CH 1/16W 1K	1	
Q1007	2SD602A-R	TRANSISTOR	1		R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
Q1201	2SD2259	TRANSISTOR	1		R0723	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
Q1202	2SD1996	TRANSISTOR	1		R0724	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
Q1501	PNB2301MBV	TRANSISTOR	1		R0725	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
Q1502	PNB2301MAV	TRANSISTOR	1		R0726	ERJ3GEY0561	M. RESISTOR CH 1/16W 560	1	
Q1503	2SD601A	TRANSISTOR	1		R0727	ERJ3GEY0162	M. RESISTOR CH 1/16W 1.6K	1	[SUPPLIED FROM MBV]
Q3001, 02	2SD601A	TRANSISTOR	2		R0728	ERJ3GEY0471	M. RESISTOR CH 1/16W 470	1	
Q3003	MSC2295-C	TRANSISTOR	1		R0729	ERJ3GEY0102	M. RESISTOR CH 1/16W 1K	1	
Q3004	2SB709A	TRANSISTOR	1		R0732	ERJ3GEY0471	M. RESISTOR CH 1/16W 470	1	
Q3005	2SD601A	TRANSISTOR	1		R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
Q3008	MSC2295-C	TRANSISTOR	1		R1001, 02	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	2	
Q3012, 13	2SD601A	TRANSISTOR	2		R1003, 04	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	2	
Q3014	2SB709A	TRANSISTOR	1		R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
Q3015	2SB709A-R	TRANSISTOR	1		R1006	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
Q3017	MSC2295-C	TRANSISTOR	1		R1007, 08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
Q3018	2SD601A	TRANSISTOR	1		R1009, 10	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
Q3019	MSC2295-C	TRANSISTOR	1		R1011	ERJ6GMYG823	M. RESISTOR CH 1/10W 82K	1	
Q3021	MSC2295-C	TRANSISTOR	1		R1012	ERDS2TJ472	C. RESISTOR 1/4W 4.7K	1	
Q3022	2SB709A	TRANSISTOR	1		R1013	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
Q3023, 24	MSC2295-C	TRANSISTOR	2		R1014	ERJ6GMYG163	M. RESISTOR CH 1/10W 16K	1	
Q3901, 02	2SD601A	TRANSISTOR	2		R1015	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
Q3903	2SD1328	TRANSISTOR	1		R1016, 17	ERJ6GMYG563	M. RESISTOR CH 1/10W 56K	2	
Q4001	2SB710-R	TRANSISTOR	1		R1018, 19	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
Q4002	2SD602A-R	TRANSISTOR	1		R1022	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
Q4501	2SD601A	TRANSISTOR	1		R1023	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
Q4502	2SA1515	TRANSISTOR	1		R1024	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
Q4503	2SD1468	TRANSISTOR	1		R1201	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
Q5502	2SD601A	TRANSISTOR	1		R1202	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
Q7601	2SD601A	TRANSISTOR	1		R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
Q7602-05	2SD1328-S	TRANSISTOR	4		R1205	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
Q7606	2SB709A	TRANSISTOR	1		R1501, 02	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	2	
Q7701	2SB709A	TRANSISTOR	1		R2504	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
Q7702, 03	2SD601A	TRANSISTOR	2		R2505	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
Q7704	2SB709A	TRANSISTOR	1		R2506, 07	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
Q7705, 06	2SD601A	TRANSISTOR	2		R2510	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
Q7709-11	2SD601A	TRANSISTOR	3		R2511	ERJ6GMYG433	M. RESISTOR CH 1/10W 43K	1	
Q7712, 13	2SB709A	TRANSISTOR	2		R2513	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270K	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1		R2514	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
QR1002	MUN2213	TRANSISTOR-RESISTOR	1		R2515, 16	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1		R2518	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
QR1005	MUN2213	TRANSISTOR-RESISTOR	1		R2520	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1	
QR1501	MUN2112	TRANSISTOR-RESISTOR	1		R2521, 22	ERDS2TJ330	C. RESISTOR 1/4W 33	2	
QR2504	MUN2213	TRANSISTOR-RESISTOR	1		R2523	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1	
QR3001	MUN2213	TRANSISTOR-RESISTOR	1		R2524	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
QR3002	MUN2113	TRANSISTOR-RESISTOR	1		R2532	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
QR3006	UN2210	TRANSISTOR-RESISTOR	1		R3001	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
QR3007-10	MUN2113	TRANSISTOR-RESISTOR	4		R3002	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
QR3012, 13	DTC363EK	TRANSISTOR-RESISTOR	2		R3003, 04	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
QR3014	MUN2212	TRANSISTOR-RESISTOR	1		R3005	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
QR3901	MUN2212	TRANSISTOR-RESISTOR	1		R3006, 07	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
QR3903	MUN2111	TRANSISTOR-RESISTOR	1		R3008	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
QR3904	MUN2212	TRANSISTOR-RESISTOR	1		R3009	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1		R3010	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
QR4505	MUN2212	TRANSISTOR-RESISTOR	1		R3011	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1		R3012	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1		R3013	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1		R3014	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R0702	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1		R3015	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R0703	ERJ3GEY0152	M. RESISTOR CH 1/16W 1.5K	1		R3016	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1		R3017	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R0705	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1		R3018	ERJ6GMYG471	M. RESISTOR CH 1/10W 470	1	
R0706, 07	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	2		R3019	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R0708	ERJ3GEY0152	M. RESISTOR CH 1/16W 1.5K	1		R3020	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1		R3021	ERJ6GMYG470	M. RESISTOR CH 1/10W 47	1	
R0710	ERJ6GEY0154	M. RESISTOR CH 1/10W 150K	1		R3024, 25	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	2	
R0713	ERJ3GEYJ301	M. RESISTOR CH 1/16W 300	1		R3026	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1		R3027	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R0715	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	1		R3029	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1		R3030	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1		R3040	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R0718	ERJ3GEY0102	M. RESISTOR CH 1/16W 1K	1		R3043	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
					R3044	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
					R3046	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3047	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3048	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R3049	ERJ6GMYG390	M. RESISTOR CH 1/10W 39	1	
R3050	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3051	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R3052	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3053	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R3057	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3058	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3060	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R3061	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3062	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3063	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R3064	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
R3065	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3066	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R3067	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3069	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3070	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R3071	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3072	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R3073	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3075, 76	ERJ6GMYG202	M. RESISTOR CH 1/10W 2K	2	
R3077	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3078	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3079	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3080	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3081	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3082	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3084, 85	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	2	
R3086	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3087	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3088	ERJ6GEYG223	M. RESISTOR CH 1/10W 22K	1	
R3089	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R3090	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3091	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3092	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3093	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3095, 96	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	2	
R3097	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3113	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R3115, 16	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3117	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3118	ERJ6GMYG470	M. RESISTOR CH 1/10W 47	1	
R3901	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R3903, 04	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	2	
R3905, 06	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	2	
R3907, 08	VLP0147	COIL	2	
R3909	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1	
R3911	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R3914	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3921	ERDS1TJ222	C. RESISTOR 1/2W 2.2K	1	
R3922	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R3923	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3924, 25	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R3933	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4001	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4002	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4003	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4004	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4005	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1	
R4006	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4007	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4008	ERJ6GMYG391	M. RESISTOR CH 1/10W 390	1	
R4009	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R4010	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4011	ERJ6GMYJ622	M. RESISTOR CH 1/10W 6.2K	1	
R4012	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4014	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4015	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4016	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4017	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4018	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R4019	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4020	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4021, 22	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4023	ERJ6GMYG912	M. RESISTOR CH 1/10W 9.1K	1	
R4024, 25	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	2	
R4026	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R4028	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4029	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R4030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4032	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4033	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R4034	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4037	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4516	ERJ6GEYG223	M. RESISTOR CH 1/10W 22K	1	
R4517	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4519	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4520, 21	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	2	
R4522, 23	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4528	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4529	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4530	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4531	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4532	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R4533	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4534	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R4535	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4536	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4538	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4540	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R4541	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4542	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R4543	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R4544	ERJ6GEYF393	M. RESISTOR CH 1/10W 39K	1	
R4545	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R4548, 49	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R4558-60	ERG1SJ270	M. RESISTOR 1W 27	3	
R4901, 02	VLP0147	COIL	2	
R4903-06	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	4	
R4907, 08	VLP0147	COIL	2	
R4909	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4910	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1	
R4911	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4912	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4913	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4914	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4917	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R5516	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R5519	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6001	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R6002	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R6003	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R6008, 09	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R6010	ERJ6GMYJ220	M. RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6012, 13	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R6015, 16	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	2	
R6017	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R6018	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R6019	ERJ6GMYJ106	M. RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R6026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6031	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R6032	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R6033	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R6034	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6040	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6042	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6063	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	1		R7745	ERJ66EYG153	M. RESISTOR CH 1/10W 15K	1	
R7302	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		R7746	ERJ66EYG221	M. RESISTOR CH 1/10W 220	1	
R7305_06	ERJ66EYG101	M. RESISTOR CH 1/10W 100	2		R7747	ERJ66EYG104	M. RESISTOR CH 1/10W 100K	1	
R7316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R7748	ERJ66EYJ224	M. RESISTOR CH 1/10W 220K	1	
R7318	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1		R7749	ERJ66EYG104	M. RESISTOR CH 1/10W 100K	1	
R7324	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1		R7750	ERJ66EYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R7325	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R7752	ERJ66EYG273	M. RESISTOR CH 1/10W 27K	1	
R7326	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1		R7753	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7327	ERJ3GEYG822	M. RESISTOR CH 1/16W 8.2K	1		R7754	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7328_29	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2		R7755	ERJ66EYG223	M. RESISTOR CH 1/10W 22K	1	
R7501	ERDS2TJ5R6	C. RESISTOR 1/4W 5.6	1		R7756	ERJ66EYG101	M. RESISTOR CH 1/10W 100	1	
R7502_03	ERJ66MYG202	M. RESISTOR CH 1/10W 2K	2		R7757	ERJ66EYG103	M. RESISTOR CH 1/10W 10K	1	
R7505	ERJ66MYG432	M. RESISTOR CH 1/10W 4.3K	1		R7759-64	ERJ66EYG101	M. RESISTOR CH 1/10W 100	6	
R7506-08	ERJ66MYG332	M. RESISTOR CH 1/10W 3.3K	3		R7766_67	ERJ66EYG101	M. RESISTOR CH 1/10W 100	2	
R7509	ERJ66MYG822	M. RESISTOR CH 1/10W 8.2K	1		R7768	ERJ66EYOR00	M. RESISTOR CH 1/10W 0	1	
R7510	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	1		R7769	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7511	ERJ66MYG432	M. RESISTOR CH 1/10W 4.3K	1		R7770	ERJ66EYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7512	ERJ66MYG101	M. RESISTOR CH 1/10W 100	1		R7771	ERJ66EYG101	M. RESISTOR CH 1/10W 100	1	
R7514	ERJ66MYG822	M. RESISTOR CH 1/10W 8.2K	1		R7774-78	ERJ66EYG101	M. RESISTOR CH 1/10W 100	5	
R7515	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	1		R7779_80	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	2	
R7516	ERJ66MYG432	M. RESISTOR CH 1/10W 4.3K	1		R7781	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7517	ERJ66MYG101	M. RESISTOR CH 1/10W 100	1		R7936	ERJ66MYG392	M. RESISTOR CH 1/10W 3.9K	1	
R7520_21	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	2		R7938	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7523-25	ERJ66MYJ303	M. RESISTOR CH 1/10W 30K	3		R7939-41	ERJ66MYG471	M. RESISTOR CH 1/10W 470	3	
R7527	ERJ66MYJ181	M. RESISTOR CH 1/10W 180	1		R7942_43	ERJ66MYG101	M. RESISTOR CH 1/10W 100	2	
R7528	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		R7944	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7531_32	ERJ66MYG332	M. RESISTOR CH 1/10W 3.3K	2		R7945	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7533	ERJ66MYJ303	M. RESISTOR CH 1/10W 30K	1		R7946	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7534	ERJ66MYJ221	M. RESISTOR CH 1/10W 220	1		R7947	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7535	ERJ66MYG332	M. RESISTOR CH 1/10W 3.3K	1		R7948	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7601_02	ERJ66MYG101	M. RESISTOR CH 1/10W 100	2		R7950	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7603	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1		R7952	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7605_06	ER62SJ331	M. RESISTOR 2W 330	2		S1501	VSS0520	MODE SELECT SWITCH	1	
R7607_08	ERJ66MYJ683	M. RESISTOR CH 1/10W 68K	2		S7503_04	EVQ11L07B	SWITCH	2	
R7609_10	ERJ66MYG151	M. RESISTOR CH 1/10W 150	2		S7505	VES0834	S-TAB SWITCH	1	
R7611	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		S7506_07	EVQ11L07B	SWITCH	2	
R7612	ERJ66MYG561	M. RESISTOR CH 1/10W 560	1		S7509-11	EVQ11L07B	SWITCH	3	
R7613_14	ERJ66MYG101	M. RESISTOR CH 1/10W 100	2		T0703	EQV5E0C071A	TRANSFORMER	1	
R7620	ERDS2TJ471	C. RESISTOR 1/4W 470	1		T0704	EQV5E0C72A	TRANSFORMER	1	
R7621	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1		T0711	EQS5E0C32A	TRANSFORMER	1	
R7622	ERJ66MYG104	M. RESISTOR CH 1/10W 100K	1		T4001	EQQ70F024P	TRANSFORMER	1	
R7624	ERDS2TJ182	C. RESISTOR 1/4W 1.8K	1		△ TU7601	ENG47281G1	TUNER	1	[SUPPLIED FROM MBV]
R7701	ERJ66EYG105	M. RESISTOR CH 1/10W 1M	1		VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
R7702	ERJ66EYG680	M. RESISTOR CH 1/10W 68	1		VR3002_03	EVNVCYAA03B23	V. RESISTOR 2K	2	
R7703	ERJ66EYF822	M. RESISTOR CH 1/10W 8.2K	1		VR3004_05	EVNVCYAA03B52	V. RESISTOR 500	2	
R7704	ERJ66EYG105	M. RESISTOR CH 1/10W 1M	1		X0701	VLF1417	FILTER	1	[SUPPLIED FROM MBV]
R7705	ERJ66EYG222	M. RESISTOR CH 1/10W 2.2K	1		X0702	EFC6S6ROMS5	FILTER	1	
R7706	ERJ66EYG564	M. RESISTOR CH 1/10W 560K	1		X0703	EFCT6M65MW3B	FILTER	1	
R7707	ERJ66EYG104	M. RESISTOR CH 1/10W 100K	1		X0704	VLF1313	FILTER	1	
R7708	ERJ66EYG682	M. RESISTOR CH 1/10W 6.8K	1		X3001	VSX0162	CRYSTAL OSCILLATOR	1	
R7709	ERJ66EYJ125	M. RESISTOR CH 1/10W 1.2M	1		X6001	VSX0830	CRYSTAL OSCILLATOR	1	
R7710	ERJ66EYG682	M. RESISTOR CH 1/10W 6.8K	1		X6002	VSX0660	CRYSTAL OSCILLATOR	1	
R7711	ERJ66EYJ125	M. RESISTOR CH 1/10W 1.2M	1		X7302	VSX0953	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
R7712	ERJ66EYG101	M. RESISTOR CH 1/10W 100	1		X7701	VSX0934	CERAMIC OSCILLATOR	1	[SUPPLIED FROM MBV]
R7713-15	ERJ66EYG102	M. RESISTOR CH 1/10W 1K	3		X7902	EFOEC4004A4	CERAMIC OSCILLATOR	1	
R7716	ERJ66EYG331	M. RESISTOR CH 1/10W 330	1				MISCELLANEOUS		
R7717	ERJ66EYG102	M. RESISTOR CH 1/10W 1K	1		VXQ0648		FIP HOLDER	1	
R7718	ERJ66EYG821	M. RESISTOR CH 1/10W 820	1		VMP4471		TV DEMODULATOR ANGLE	1	FOR TV DEMODULATOR C. B. A.
R7719	ERJ66EYG222	M. RESISTOR CH 1/10W 2.2K	1		VSC4753		SHIELD CASE (BOTTOM)	1	[SUPPLIED FROM MBV]
R7720	ERJ66EYG392	M. RESISTOR CH 1/10W 3.9K	1						FOR NICAM DECODER
R7722	ERJ66EYJ112	M. RESISTOR CH 1/10W 1.1K	1		VSC4752		SHIELD CASE (MAIN)	1	[SUPPLIED FROM MBV]
R7723	ERJ66EYF822	M. RESISTOR CH 1/10W 8.2K	1						FOR NICAM DECODER
R7726	ERJ66EYG222	M. RESISTOR CH 1/10W 2.2K	1		■ VEPO6C30C		MAIN C. B. A.		[SUPPLIED FROM MBV]
R7727_28	ERJ66EYG102	M. RESISTOR CH 1/10W 1K	2						(RTL) NV-HD630BL
R7732	ERJ66EYG105	M. RESISTOR CH 1/10W 1M	1		C0701-03	EGUX1H103ZFW	C. CAPACITOR CH 50V 0.01U	3	
R7733	ERJ66EYG682	M. RESISTOR CH 1/10W 6.8K	1		C0704	EGUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
R7734	ERJ66EYG103	M. RESISTOR CH 1/10W 10K	1		C0705	EGUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
R7735	ERJ66EYF333	M. RESISTOR CH 1/10W 33K	1						
R7736	ERJ66EYG104	M. RESISTOR CH 1/10W 100K	1						
R7737	ERJ66EYF822	M. RESISTOR CH 1/10W 8.2K	1						
R7738	ERJ66EYG821	M. RESISTOR CH 1/10W 820	1						
R7739	ERJ66EYG512	M. RESISTOR CH 1/10W 5.1K	1						
R7741	ERJ66EYG222	M. RESISTOR CH 1/10W 2.2K	1						
R7742	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1						
R7744	ERJ66EYF333	M. RESISTOR CH 1/10W 33K	1						

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C0706	ECEA1HKAOR1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	EGUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C0709	EGUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	EGUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1GKA220	E. CAPACITOR 16V 22U	1	
C0712	EGUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0714	EQQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
C0717	EGUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
C0719	EGUX1H430JCV	C. CAPACITOR CH 50V 43P	1	[SUPPLIED FROM MBV]
C0720	EGUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0722	EGUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKAOR1	E. CAPACITOR 50V 0.1U	1	
C0724	EQQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0726	EGUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0729	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C0730	EGUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0732	EGUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECEA1AK6220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1G6E470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA1E6E470	E. CAPACITOR 25V 47U	1	
C1201	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1GKA220	E. CAPACITOR 16V 22U	1	
C1204, 05	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C1501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C2505	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2506	ECEA1HKN47	E. CAPACITOR 50V 0.47U	1	
C2507-10	ECUM1H563ZFN	C. CAPACITOR CH 50V 0.056U	4	
C2511	ECEA1GKA101	E. CAPACITOR 16V 100U	1	
C2512	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C2517	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2519	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2520	EGUX1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2523	ECEA1E6E470	E. CAPACITOR 25V 47U	1	
C2524	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2525	EQQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2526-28	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C2530	ECEA1VKN47	E. CAPACITOR 35V 4.7U	1	
C2531	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C2532, 33	ECEA1VKN47	E. CAPACITOR 35V 4.7U	2	
C2535, 36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3002	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3003	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3007	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3008	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	ECEA1HKAOR1	E. CAPACITOR 50V 0.1U	1	
C3011, 12	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3013	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C3014	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C3015, 16	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C3018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3019	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3021	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3022	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3023	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3024	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C3025	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3026	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C3027, 28	ECEA1GKA100	E. CAPACITOR 16V 10U	2	
C3029	EGUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C3030	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C3031	ECEA1EKN47	E. CAPACITOR 25V 4.7U	1	
C3032	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3033	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3035, 36	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C3037	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3038	ECUM1G105ZFN	C. CAPACITOR CH 16V 1U	1	
C3039	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3040, 41	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C3042	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3043	ECUM1G105ZFN	C. CAPACITOR CH 16V 1U	1	
C3044, 45	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3051	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3052	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3053	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	1	
C3054	EGUX1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C3055	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3056	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3057	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3058, 59	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C3060	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3061	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C3062	ECUM1H390JCN	C. CAPACITOR CH 50V 39P	1	
C3063	ECUM1H102GKN	C. CAPACITOR CH 50V 1000P	1	[SUPPLIED FROM MBV]
C3065	EGUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C3066	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3067	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C3068	ECUM1H681GKN	C. CAPACITOR CH 50V 680P	1	[SUPPLIED FROM MBV]
C3069	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3070	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C3071	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C3072	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3073	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3074	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3075	EGUX1C474KBN	C. CAPACITOR CH 16V 0.47U	1	
C3076	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3077	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3078	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3079	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3080	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C3081	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3082	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3083	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3085	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3086	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3087	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3088	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3089	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3090	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3092	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3094	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3095	ECUM1G105ZFN	C. CAPACITOR CH 16V 1U	1	
C3096	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3097	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3099	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3101, 02	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3109	ECUM1H223ZFN	C. CAPACITOR CH 50V 0.022U	1	
C3901	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
C3902, 03	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3904	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
C3905-07	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	3	
C3908	ECUM1G105ZFN	C. CAPACITOR CH 16V 1U	1	
C3910	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3912, 13	ECEA1GKA470	E. CAPACITOR 16V 47U	2	
C3915	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3916	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C3917	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3918-20	ECEAOJKA470	E. CAPACITOR 6.3V 47U	3	
C3921, 22	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3923	ECEA1GKA100	E. CAPACITOR 16V 10U	1	
C3924	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4002	ECUM1H152JCN	C. CAPACITOR CH 50V 1500P	1	
C4003	EGUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4004	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4005	EQQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4006, 07	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4008, 09	ECEA1GKA220	E. CAPACITOR 16V 22U	2	
C4010	ECUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4011	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4012	ECUM1H222JN	C. CAPACITOR CH 50V 2200P	1		C7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C4013	ECUM1H152JGN	C. CAPACITOR CH 50V 1500P	1		C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4014	ECEA1CKA100	E. CAPACITOR 16V 10U	1		C7506	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4015	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C4016, 17	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2		C7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4019	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1		C7514	VCE0073	SUPER CAPACITOR	1	
C4020	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1		C7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4021	ECUM1H222JGN	C. CAPACITOR CH 50V 2200P	1		C7517, 18	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C4022	ECEA1HKAOR1	E. CAPACITOR 50V 0.1U	1		C7601	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECEA1KA101	E. CAPACITOR 10V 100U	1		C7602	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4024, 25	ECQV1H104B46	P. CAPACITOR 50V 0.1U	2		C7604	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4026	ECEA1KA220	E. CAPACITOR 10V 22U	1		C7607	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4027	ECEA1CKA100	E. CAPACITOR 16V 10U	1		C7608	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C4032	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		C7609	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1	
C4518	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7610	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4519	ECA1CAK100X	E. CAPACITOR 16V 10U	1		C7611	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4520	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7614	ECEATHKA010	E. CAPACITOR 50V 1U	1	
C4521	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		C7615, 16	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C4522	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7617	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4524, 25	ECAOJAK101X	E. CAPACITOR 6.3V 100U	2		C7618, 19	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4527	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7701	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4528	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1		C7702, 03	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4529	ECA1HAK4R7	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	C7704	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4530	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7705	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4531	ECEATHKA4R7	E. CAPACITOR 50V 4.7U	1		C7706	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4532	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7707	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4536	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		C7708, 09	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	2	
C4537	ECA1CAK100X	E. CAPACITOR 16V 10U	1		C7710	ECUX1C474ZFN	C. CAPACITOR CH 16V 0.47U	1	
C4538	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7711	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4539	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		C7712	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4541, 42	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	2		C7713	ECUX1E333ZFN	C. CAPACITOR CH 25V 0.033U	1	
C4901, 02	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	2		C7715	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4903, 04	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	2		C7716	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4905, 06	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	2		C7717	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4907, 08	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	2		C7718	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4911-14	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	4		C7719	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4915, 16	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	2		C7722	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4917	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7723	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4918-21	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	4		C7724	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
G6001	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C7725	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
G6002	ECUM1H060DCN	C. CAPACITOR CH 50V 6P	1		C7726, 27	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G6003	ECUM1H200JCN	C. CAPACITOR CH 50V 20P	1		C7728	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
G6004	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1		C7729	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G6005	ECUM1H060DCN	C. CAPACITOR CH 50V 6P	1		C7730	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
G6007	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1		C7731	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
G6009	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1		C7733, 34	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2	
G6011	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		C7735, 36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G6012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1		C7737	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
G6013	ECEA1CKA100	E. CAPACITOR 16V 10U	1		C7738	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7739	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G6017, 18	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2		C7740	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
G6019	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1		C7741, 42	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G6020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7745	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
G6022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2		C7746, 47	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7301	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7302	VCEAOJAW101	E. CAPASITOR 6.3V 100U	1		C7909	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7303	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7910	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G7304	VCEAOJAW101	E. CAPASITOR 6.3V 100U	1		D1003	1SS254	DIODE	1	
G7307	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1		D1004	MA4051-M	DIODE	1	
G7308	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1		D1005	1SS254	DIODE	1	
G7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		D1006	MA4120-M	DIODE	1	
G7312, 13	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2		D1009	MA4051-M	DIODE	1	
G7315	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1		D1010	1SS254	DIODE	1	
G7316	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		D1011, 12	11ES1	DIODE	2	
G7317	VCEA1CAW100	E. CAPACITOR 16V 10U	1		D1013	MA723-VT	DIODE	1	
G7318	VCEAOJAW470	E. CAPASITOR 6.3V 47U	1		D1015, 16	1SS254	DIODE	2	
G7319, 20	VCEA1CAW100	E. CAPACITOR 16V 10U	2		D1501	S1R505S	DIODE	1	
G7321	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		D2501	MA723-VT	DIODE	1	
G7322, 23	ECUX1H103KBN	C. CAPACITOR CH 50V 0.01U	2		D2502-05	1SS254	DIODE	4	
G7324-26	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	3		D2506-08	MA151WK	DIODE	3	
G7327	ECUM1G334KBN	C. CAPACITOR CH 16V 0.33U	1		D3001	1SS254	DIODE	1	
G7328	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1		D3009	ERDS2TJ101	C. RESISTOR 1/4W 100	1	
G7329	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1		D3010	1SS254	DIODE	1	
G7330	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1		D3014	1SS254	DIODE	1	
G7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1						

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3015	MA151K	DIODE	1	
D3016	MA151WA	DIODE	1	
D3017	1SS254	DIODE	1	
D3901, 02	MA4056-M	DIODE	2	
D3903	1SS254	DIODE	1	
D3905	1SS254	DIODE	1	
D3906	MA4120-M	DIODE	1	
D3907, 08	MA4056-M	DIODE	2	
D4503-05	1SS254	DIODE	3	
D4901	1SS254	DIODE	1	
D5501	ERDS2TJ330	C. RESISTOR 1/4W	33	1
D7302	BB135	DIODE	1	[SUPPLIED FROM MBV]
D7521	MA4220-L	DIODE	1	
D7523	MA723-VT	DIODE	1	
D7601	MA4300-M	DIODE	1	
D7602, 03	1SS254	DIODE	2	
D7701	MA151WK	DIODE	1	
D7702	MA153	DIODE	1	
D7705	1SS355	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
FL7301	VLFO633	FILTER	1	
IC0701	LA7576	IC	1	
IC1001	PQ20VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPC1093J	IC	1	
IC1501, 02	RP1354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3814K	IC	1	
IC3001	TDA9725V2	IC	1	[SUPPLIED FROM MBV]
IC3002	TL8850AF	IC	1	
IC3901	STV6400D	IC	1	[SUPPLIED FROM MBV]
IC4001	BA7795FS	IC	1	
IC4501	BH7803K	IC	1	[SUPPLIED FROM MBV]
IC4901	MC14052BF	IC	1	
IC4902	MC14053BF	IC	1	
IC4903	NJM4558M	IC	1	
IC6001	M37777V1GJ	IC	1	[SUPPLIED FROM MBV]
IC7301	TDA9874H	IC	1	[SUPPLIED FROM MBV]
IC7302	PST7043	IC	1	
IC7501	M35500AFP	IC	1	[SUPPLIED FROM MBV]
IC7502	S80743AL	IC	1	
IC7503	PST7028	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	
IC7701	NJM2246M	IC	1	[SUPPLIED FROM MBV]
IC7702	SDA5650	IC	1	[SUPPLIED FROM MBV]
IC7703	M35062WVAR	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	
IC7705	M30612VCCZ	IC	1	[SUPPLIED FROM MBV]
IC7906	M34510W2GR	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201, 02	UNH000300A	IC PROTECTOR	2	
△ IP7601	VSF0015A025	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4902	VJS3634	21PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 1	
K0704-06	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 3	
K2501	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K3001, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K3007, 08	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K3902	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K4003, 04	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K4501, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K4902, 03	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K5501	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K6002	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K6004	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7301, 02	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0 2	
K7304	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0 1	
K7507	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7608	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
K7704	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0 1	
K7804	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7806	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7901, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
K7904	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7907	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7909-11	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 3	
L0701	VLQ0163JR15	COIL	0.15UH	1
L0705	VLQ0163J4R7	COIL	4.7UH	1
L0706	VLQEL05S8R2K	COIL	8.2UH	1
L2502	VLQ0599J101	COIL	100UH	1
L3001	VLQ0599J100	COIL	10UH	1
L3002	VLQ0599J270	COIL	27UH	1
L3003	VLQ0599J470	COIL	47UH	1
L3006, 07	VLQ0599J390	COIL	39UH	2
L3008, 09	VLQ0599J680	COIL	68UH	2
L3010	VLQ0599J390	COIL	39UH	1
L3013	VLQ0599J101	COIL	100UH	1
L3014	VLQ0599J100	COIL	10UH	1
L3015	VLQ0599J470	COIL	47UH	1
L3016	VLQ0599J151	COIL	150UH	1
L3017	VLQ0599J820	COIL	82UH	1
L3018	VLQ0599J151	COIL	150UH	1
L3019	VLQ0599J120	COIL	12UH	1
L3020	VLQ0599J101	COIL	100UH	1
L3021	VLQ0599J270	COIL	27UH	1
L3022	VLQ0599J6R8	COIL	6.8UH	1
L3024	VLQ0599J271	COIL	270UH	1 [SUPPLIED FROM MBV]
L3901-04	VLQ0599J330	COIL	33UH	4
L4001	VLQ0599J680	COIL	68UH	1
L4002	ELELN103JA	COIL		1 [SUPPLIED FROM MBV]
L5502	ERDS2TJ330	C. RESISTOR 1/4W	33	1
L7301	VLQ0599J3R3	COIL	3.3UH	1
L7302	VLQ0599J1R0	COIL	1UH	1
L7601	VLQ0599J330	COIL	33UH	1
L7602	VLQ0599J2R7	COIL	2.7UH	1
L7603	VLQ0599J330	COIL	33UH	1
L7605	ELESN330KA	COIL	33UH	1
L7611	VLQ0599J100	COIL	10UH	1
L7701, 02	ELESE390KA	INDUCTOR	39UH	2
L7707	ELESE100KA	INDUCTOR	10UH	1
L7708	ELESE101KA	INDUCTOR	100UH	1
LB3001-04	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 4	
LB3006, 07	VLP0145	COIL		2
LB3008	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
LB4901-03	VLP0147	COIL		3
LB7301-04	VLP0150	COIL		4
LB7501	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
LB7601	VLP0125	COIL		1
LB7701	VLP0145	COIL		1
LB7801	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
P1001	VJS3917A016W	CONNECTOR (FEMALE)	16P	1
P1501	VJS3837A002	CONNECTOR (FEMALE)	2P	1
P2501	VJP3835A012	CONNECTOR (MALE)	12P	1
P2502	VJS3537A009G	CONNECTOR (FEMALE)	9P	1
P3001	VJS3537A016G	CONNECTOR (FEMALE)	16P	1
P4001	VJS3837A002	CONNECTOR (FEMALE)	2P	1
P4004	VJS3537A006G	CONNECTOR (FEMALE)	6P	1
PK0701	VJR0816E010W	CONNECTOR (MALE)	10P	1
PK7301, 02	VJR0777B007W	CONNECTOR (MALE)	7P	1
PK7302	VJR0777B006W	CONNECTOR (MALE)	6P	1
PP0701	VJP3589A004B	CONNECTOR (MALE)	4P	1
PP7701	VJP3043G012W	CONNECTOR (MALE)	12P	1
PP7702	VJP3043G015W	CONNECTOR (MALE)	15P	1
PS7701	VJS3043F012W	CONNECTOR (FEMALE)	12P	1
PS7702	VJS3043B015W	CONNECTOR (FEMALE)	15P	1
Q0701	MSD601-S	TRANSISTOR		1
Q0702	MSB709-R	TRANSISTOR		1

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q1001	2SD601A	TRANSISTOR	1		R0715	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	1	
Q1002	2SD602A	TRANSISTOR	1		R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
Q1003	2SD1996	TRANSISTOR	1		R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
Q1004	2SB710A	TRANSISTOR	1		R0718	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
Q1005	2SD25440PQA	TRANSISTOR	1		R0719	ERJ66EYJ752	M. RESISTOR CH 1/10W 7.5K	1	
Q1006	2SD1996	TRANSISTOR	1		R0720	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
Q1007	2SD602A-R	TRANSISTOR	1		R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
Q1201	2SD2259	TRANSISTOR	1		R0723	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
Q1202	2SD1996	TRANSISTOR	1		R0724	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
Q1501	PNB2301MBV	TRANSISTOR	1		R0725	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
Q1502	PNB2301MAV	TRANSISTOR	1		R0726	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
Q1503	2SD601A	TRANSISTOR	1		R0727	ERJ3GEYG162	M. RESISTOR CH 1/16W 1.6K	1	[SUPPLIED FROM MBV]
Q3001, 02	2SD601A	TRANSISTOR	2		R0728	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
Q3003	MSC2295-C	TRANSISTOR	1		R0729	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
Q3004	2SB709A	TRANSISTOR	1		R0732	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
Q3005	2SD601A	TRANSISTOR	1		R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
Q3008	MSC2295-C	TRANSISTOR	1		R1001, 02	ERJ66MYG333	M. RESISTOR CH 1/10W 33K	2	
Q3012, 13	2SD601A	TRANSISTOR	2		R1003, 04	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	2	
Q3014	2SB709A	TRANSISTOR	1		R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
Q3015	2SB709A-R	TRANSISTOR	1		R1006	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
Q3017	MSC2295-C	TRANSISTOR	1		R1007, 08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
Q3018	2SD601A	TRANSISTOR	1		R1009, 10	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	2	
Q3019	MSC2295-C	TRANSISTOR	1		R1011	ERJ66MYG823	M. RESISTOR CH 1/10W 82K	1	
Q3021	MSC2295-C	TRANSISTOR	1		R1012	ERDS2TJ472	C. RESISTOR 1/4W 4.7K	1	
Q3022	2SB709A	TRANSISTOR	1		R1013	ERJ66MYG153	M. RESISTOR CH 1/10W 15K	1	
Q3023, 24	MSC2295-C	TRANSISTOR	2		R1014	ERJ66MYG163	M. RESISTOR CH 1/10W 16K	1	
Q3901, 02	2SD601A	TRANSISTOR	2		R1015	ERJ66MYG123	M. RESISTOR CH 1/10W 12K	1	
Q3903	2SD1328	TRANSISTOR	1		R1016, 17	ERJ66MYG563	M. RESISTOR CH 1/10W 56K	2	
Q4001	2SB710-R	TRANSISTOR	1		R1018, 19	ERJ66MYJ683	M. RESISTOR CH 1/10W 68K	2	
Q4002	2SD602A-R	TRANSISTOR	1		R1022	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
Q4501	2SD601A	TRANSISTOR	1		R1023	ERJ66MYG123	M. RESISTOR CH 1/10W 12K	1	
Q4502	2SA1515	TRANSISTOR	1		R1024	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
Q4503	2SD1468	TRANSISTOR	1		R1201	ERJ66MYG272	M. RESISTOR CH 1/10W 2.7K	1	
Q5502	2SD601A	TRANSISTOR	1		R1202	ERJ66MYG242	M. RESISTOR CH 1/10W 2.4K	1	
Q7601	2SD601A	TRANSISTOR	1		R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
Q7602-05	2SD1328-S	TRANSISTOR	4		R1205	ERJ66MYG393	M. RESISTOR CH 1/10W 39K	1	
Q7606	2SB709A	TRANSISTOR	1		R1501, 02	ERJ66MYG333	M. RESISTOR CH 1/10W 33K	2	
Q7701	2SB709A	TRANSISTOR	1		R2504	ERJ66MYJ105	M. RESISTOR CH 1/10W 1M	1	
Q7702, 03	2SD601A	TRANSISTOR	2		R2505	ERJ66MYG392	M. RESISTOR CH 1/10W 3.9K	1	
Q7704	2SB709A	TRANSISTOR	1		R2506, 07	ERJ66MYJ223	M. RESISTOR CH 1/10W 22K	2	
Q7705, 06	2SD601A	TRANSISTOR	2		R2510	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1	
Q7709-11	2SD601A	TRANSISTOR	3		R2511	ERJ66MYG433	M. RESISTOR CH 1/10W 43K	1	
Q7712, 13	2SB709A	TRANSISTOR	2		R2513	ERJ66MYJ274	M. RESISTOR CH 1/10W 270K	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1		R2514	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1	
QR1002	MUN2213	TRANSISTOR-RESISTOR	1		R2515, 16	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	2	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1		R2518	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
QR1005	MUN2213	TRANSISTOR-RESISTOR	1		R2520	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1	
QR1501	MUN2112	TRANSISTOR-RESISTOR	1		R2521, 22	ERDS2TJ330	C. RESISTOR 1/4W 33	2	
QR2504	MUN2213	TRANSISTOR-RESISTOR	1		R2523	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1	
QR3001	MUN2213	TRANSISTOR-RESISTOR	1		R2524	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
QR3002	MUN2113	TRANSISTOR-RESISTOR	1		R2532	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
QR3006	UN2210	TRANSISTOR-RESISTOR	1		R3001	ERJ66MYG272	M. RESISTOR CH 1/10W 2.7K	1	
QR3007-10	MUN2113	TRANSISTOR-RESISTOR	4		R3002	ERJ66MYG182	M. RESISTOR CH 1/10W 1.8K	1	
QR3012, 13	DTC363EK	TRANSISTOR-RESISTOR	2		R3003, 04	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	2	
QR3014	MUN2212	TRANSISTOR-RESISTOR	1		R3005	ERJ66MYG681	M. RESISTOR CH 1/10W 680	1	
QR3901	MUN2212	TRANSISTOR-RESISTOR	1		R3006, 07	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	2	
QR3903	MUN2111	TRANSISTOR-RESISTOR	1		R3008	ERJ66MYG473	M. RESISTOR CH 1/10W 47K	1	
QR3904	MUN2212	TRANSISTOR-RESISTOR	1		R3009	ERJ66MYG821	M. RESISTOR CH 1/10W 820	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1		R3010	ERJ66MYG473	M. RESISTOR CH 1/10W 47K	1	
QR4505	MUN2212	TRANSISTOR-RESISTOR	1		R3011	ERJ66MYG242	M. RESISTOR CH 1/10W 2.4K	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1		R3012	ERJ66MYG821	M. RESISTOR CH 1/10W 820	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1		R3013	ERJ66MYG331	M. RESISTOR CH 1/10W 330	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1		R3014	ERJ66MYG561	M. RESISTOR CH 1/10W 560	1	
R0702	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1		R3015	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R0703	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1		R3016	ERJ66MYG561	M. RESISTOR CH 1/10W 560	1	
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1		R3017	ERJ66MYJ221	M. RESISTOR CH 1/10W 220	1	
R0705	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1		R3018	ERJ66MYG471	M. RESISTOR CH 1/10W 470	1	
R0706, 07	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	2		R3019	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1	
R0708	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1		R3020	ERJ66MYG101	M. RESISTOR CH 1/10W 100	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1		R3021	ERJ66MYG470	M. RESISTOR CH 1/10W 47	1	
R0710	ERJ66EYJ154	M. RESISTOR CH 1/10W 150K	1		R3024, 25	ERJ66MZOR00	M. RESISTOR CH 1/10W 0	2	
R0713	ERJ3GEYJ301	M. RESISTOR CH 1/16W 300	1		R3026	ERJ66MYG272	M. RESISTOR CH 1/10W 2.7K	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1		R3027	ERJ66MYG561	M. RESISTOR CH 1/10W 560	1	
					R3029	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
					R3030	ERJ66MYG333	M. RESISTOR CH 1/10W 33K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3040	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1		R4017	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3043	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1		R4018	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3044	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1		R4019	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R3046	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1		R4020	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R3047	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1		R4021, 22	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3048	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1		R4023	ERJ6GMYG912	M. RESISTOR CH 1/10W 9.1K	1	
R3049	ERJ6GMYG390	M. RESISTOR CH 1/10W 39	1		R4024, 25	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	2	
R3050	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1		R4026	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R3051	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1		R4027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3052	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1		R4028	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R3053	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1		R4029	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R3057	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		R4030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R3058	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1		R4032	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R3060	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1		R4033	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R3061	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1		R4034	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3062	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1		R4037	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3063	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1		R4516	ERJ6GMYG223	M. RESISTOR CH 1/10W 22K	1	
R3064	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1		R4517	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3065	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1		R4519	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R3066	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1		R4520, 21	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	2	
R3067	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R4522, 23	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3069	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1		R4528	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R3070	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1		R4529	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3071	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R4530	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R3072	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1		R4531	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3073	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1		R4532	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R3075, 76	ERJ6GMYG202	M. RESISTOR CH 1/10W 2K	2		R4533	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3077	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1		R4534	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R3078	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1		R4535	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3079	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R4536	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3080	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		R4538	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3081	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1		R4540	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R3082	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		R4541	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R3084, 85	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	2		R4542	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R3086	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		R4543	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R3087	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1		R4544	ERJ6GEYF393	M. RESISTOR CH 1/10W 39K	1	
R3088	ERJ6GEYG223	M. RESISTOR CH 1/10W 22K	1		R4545	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R3089	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1		R4548, 49	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R3090	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1		R4558-60	ERG1SJ270	M. RESISTOR 1W 27	3	
R3091	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1		R4901, 02	VLP0147	COIL	2	
R3092	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1		R4903-06	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	4	
R3093	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1		R4907, 08	VLP0147	COIL	2	
R3095, 96	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	2		R4909	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3097	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1		R4910	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1	
R3113	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1		R4911	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R3115, 16	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2		R4912	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3117	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1		R4913	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R3118	ERJ6GMYG470	M. RESISTOR CH 1/10W 47	1		R4914	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3901	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1		R4917	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3903, 04	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	2		R5516	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3905, 06	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	2		R5519	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3907, 08	VLP0147	COIL	2		R6001	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3909	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1		R6002	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R3911	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1		R6003	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3914	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1		R6005	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3921	ERDS1TJ222	C. RESISTOR 1/2W 2.2K	1		R6006	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3922	ERDS2TJ561	C. RESISTOR 1/4W 560	1		R6007	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R3923	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1		R6008, 09	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R3924, 25	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2		R6010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3933	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1		R6011	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4001	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1		R6012, 13	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R4002	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1		R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R4003	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1		R6015, 16	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	2	
R4004	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R6017	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4005	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1		R6018	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4006	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1		R6019	ERJ6GMYJ106	M. RESISTOR CH 1/10W 10M	1	
R4007	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R6020	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R4008	ERJ6GMYG391	M. RESISTOR CH 1/10W 390	1		R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4009	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1		R6022	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R4010	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1		R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R4011	ERJ6GMYJ622	M. RESISTOR CH 1/10W 6.2K	1		R6026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4012	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1		R6027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R4014	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1		R6028	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4015	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1		R6031	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R4016	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1		R6032	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6033	ERJ66MYG273	M. RESISTOR CH 1/10W 27K	1		R7739	ERJ66EY6512	M. RESISTOR CH 1/10W 5.1K	1	
R6034	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		R7741	ERJ66EY6222	M. RESISTOR CH 1/10W 2.2K	1	
R6040	ERJ66MYG473	M. RESISTOR CH 1/10W 47K	1		R7742	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R6042	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		R7744	ERJ66EYF333	M. RESISTOR CH 1/10W 33K	1	
R6063	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	1		R7745	ERJ66EY6153	M. RESISTOR CH 1/10W 15K	1	
R7302	ERJ36EYOR00	M. RESISTOR CH 1/16W 0	1		R7746	ERJ66EY6221	M. RESISTOR CH 1/10W 220	1	
R7305, 06	ERJ66EY6101	M. RESISTOR CH 1/10W 100	2		R7747	ERJ66EY6104	M. RESISTOR CH 1/10W 100K	1	
R7316	ERJ36EYJ103	M. RESISTOR CH 1/16W 10K	1		R7748	ERJ66EYJ224	M. RESISTOR CH 1/10W 220K	1	
R7318	ERJ36EYJ221	M. RESISTOR CH 1/16W 220	1		R7749	ERJ66EY6104	M. RESISTOR CH 1/10W 100K	1	
R7324	ERJ36EYJ393	M. RESISTOR CH 1/16W 39K	1		R7750	ERJ66EYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R7325	ERJ36EYJ103	M. RESISTOR CH 1/16W 10K	1		R7752	ERJ66EY6273	M. RESISTOR CH 1/10W 27K	1	
R7326	ERJ36EYJ393	M. RESISTOR CH 1/16W 39K	1		R7753	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7327	ERJ36EY822	M. RESISTOR CH 1/16W 8.2K	1		R7754	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7328, 29	ERJ36EYJ221	M. RESISTOR CH 1/16W 220	2		R7755	ERJ66EY6223	M. RESISTOR CH 1/10W 22K	1	
R7501	ERDS2TJ5R6	C. RESISTOR 1/4W 5.6	1		R7756	ERJ66EY6101	M. RESISTOR CH 1/10W 100	1	
R7502, 03	ERJ66MYG202	M. RESISTOR CH 1/10W 2K	2		R7757	ERJ66EY6103	M. RESISTOR CH 1/10W 10K	1	
R7505	ERJ66MYG432	M. RESISTOR CH 1/10W 4.3K	1		R7759-64	ERJ66EY6101	M. RESISTOR CH 1/10W 100	6	
R7506-08	ERJ66MYG332	M. RESISTOR CH 1/10W 3.3K	3		R7766, 67	ERJ66EY6101	M. RESISTOR CH 1/10W 100	2	
R7509	ERJ66MYG822	M. RESISTOR CH 1/10W 8.2K	1		R7768	ERJ66EYOR00	M. RESISTOR CH 1/10W 0	1	
R7510	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	1		R7769	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7511	ERJ66MYG432	M. RESISTOR CH 1/10W 4.3K	1		R7770	ERJ66EY6332	M. RESISTOR CH 1/10W 3.3K	1	
R7512	ERJ66MYG101	M. RESISTOR CH 1/10W 100	1		R7771	ERJ66EY6101	M. RESISTOR CH 1/10W 100	1	
R7514	ERJ66MYG822	M. RESISTOR CH 1/10W 8.2K	1		R7774-78	ERJ66EY6101	M. RESISTOR CH 1/10W 100	5	
R7515	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	1		R7779, 80	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	2	
R7516	ERJ66MYG432	M. RESISTOR CH 1/10W 4.3K	1		R7781	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7517	ERJ66MYG101	M. RESISTOR CH 1/10W 100	1		R7936	ERJ66MYG392	M. RESISTOR CH 1/10W 3.9K	1	
R7520, 21	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	2		R7938	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7523-25	ERJ66MYJ303	M. RESISTOR CH 1/10W 30K	3		R7939-41	ERJ66MYG471	M. RESISTOR CH 1/10W 470	3	
R7527	ERJ66MYJ181	M. RESISTOR CH 1/10W 180	1		R7942, 43	ERJ66MYG101	M. RESISTOR CH 1/10W 100	2	
R7528	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		R7944	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7531, 32	ERJ66MYG332	M. RESISTOR CH 1/10W 3.3K	2		R7945	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7533	ERJ66MYJ303	M. RESISTOR CH 1/10W 30K	1		R7946	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7534	ERJ66MYJ221	M. RESISTOR CH 1/10W 220	1		R7947	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7535	ERJ66MYG332	M. RESISTOR CH 1/10W 3.3K	1		R7948	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7601, 02	ERJ66MYG101	M. RESISTOR CH 1/10W 100	2		R7950	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7603	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1		R7952	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7605, 06	ERQ2SJ331	M. RESISTOR 2W 330	2						
R7607, 08	ERJ66MYJ683	M. RESISTOR CH 1/10W 68K	2		S1501	VSS0520	MODE SELECT SWITCH	1	
R7609, 10	ERJ66MYG151	M. RESISTOR CH 1/10W 150	2		S7503, 04	EVQ11L07B	SWITCH	2	
R7611	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		S7505	VES0834	S-TAB SWITCH	1	
R7612	ERJ66MYG561	M. RESISTOR CH 1/10W 560	1		S7506, 07	EVQ11L07B	SWITCH	2	
R7613, 14	ERJ66MYG101	M. RESISTOR CH 1/10W 100	2		S7509-11	EVQ11L07B	SWITCH	3	
R7620	ERDS2TJ471	C. RESISTOR 1/4W 470	1						
R7621	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1		T0703	EQV5EC071A	TRANSFORMER	1	
R7622	ERJ66MYG104	M. RESISTOR CH 1/10W 100K	1		T0704	EQV5EC072A	TRANSFORMER	1	
R7624	ERDS2TJ182	C. RESISTOR 1/4W 1.8K	1		T0711	EQS5EC032A	TRANSFORMER	1	
R7701	ERJ66EY6105	M. RESISTOR CH 1/10W 1M	1		T4001	EQQ70F024P	TRANSFORMER	1	
R7702	ERJ66EY6680	M. RESISTOR CH 1/10W 68	1						
R7703	ERJ66EYF822	M. RESISTOR CH 1/10W 8.2K	1		△ TU7601	ENG4728061	TUNER	1	[SUPPLIED FROM MBV]
R7704	ERJ66EY6105	M. RESISTOR CH 1/10W 1M	1						
R7705	ERJ66EY6222	M. RESISTOR CH 1/10W 2.2K	1		VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
R7706	ERJ66EY6564	M. RESISTOR CH 1/10W 560K	1		VR3002, 03	EVNCAAA03B23	V. RESISTOR 2K	2	
R7707	ERJ66EY6104	M. RESISTOR CH 1/10W 100K	1		VR3004, 05	EVNCAAA03B52	V. RESISTOR 500	2	
R7708	ERJ66EY6682	M. RESISTOR CH 1/10W 6.8K	1						
R7709	ERJ66EYJ125	M. RESISTOR CH 1/10W 1.2M	1		X0701	VLF1417	FILTER	1	[SUPPLIED FROM MBV]
R7710	ERJ66EY6682	M. RESISTOR CH 1/10W 6.8K	1		X0702	EFC66R0MS5	FILTER	1	
R7711	ERJ66EYJ125	M. RESISTOR CH 1/10W 1.2M	1		X0703	EFCT6M65MW3B	FILTER	1	
R7712	ERJ66EY6101	M. RESISTOR CH 1/10W 100	1		X0704	VLF1313	FILTER	1	
R7713-15	ERJ66EY6102	M. RESISTOR CH 1/10W 1K	3		X3001	VSX0162	CRYSTAL OSCILLATOR	1	
R7716	ERJ66EY6331	M. RESISTOR CH 1/10W 330	1		X6001	VSX0830	CRYSTAL OSCILLATOR	1	
R7717	ERJ66EY6102	M. RESISTOR CH 1/10W 1K	1		X6002	VSX0660	CRYSTAL OSCILLATOR	1	
R7718	ERJ66EY6821	M. RESISTOR CH 1/10W 820	1		X7302	VSX0953	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
R7719	ERJ66EY6222	M. RESISTOR CH 1/10W 2.2K	1		X7701	VSX0934	CERAMIC OSCILLATOR	1	[SUPPLIED FROM MBV]
R7720	ERJ66EY6392	M. RESISTOR CH 1/10W 3.9K	1		X7902	EFOEC4004A4	CERAMIC OSCILLATOR	1	
R7722	ERJ66EYJ112	M. RESISTOR CH 1/10W 1.1K	1				MISCELLANEOUS		
R7723	ERJ66EYF822	M. RESISTOR CH 1/10W 8.2K	1		VXQ0648		FIP HOLDER	1	
R7726	ERJ66EY6222	M. RESISTOR CH 1/10W 2.2K	1		VMP4471		TV DEMODULATOR ANGLE	1	FOR TV DEMODULATOR C. B. A.
R7727, 28	ERJ66EY6102	M. RESISTOR CH 1/10W 1K	2		VSC4753		SHIELD CASE (BOTTOM)	1	[SUPPLIED FROM MBV]
R7732	ERJ66EY6105	M. RESISTOR CH 1/10W 1M	1						FOR NICAM DECODER
R7733	ERJ66EY6682	M. RESISTOR CH 1/10W 6.8K	1						[SUPPLIED FROM MBV]
R7734	ERJ66EY6103	M. RESISTOR CH 1/10W 10K	1						FOR NICAM DECODER
R7735	ERJ66EYF333	M. RESISTOR CH 1/10W 33K	1						
R7736	ERJ66EY6104	M. RESISTOR CH 1/10W 100K	1						
R7737	ERJ66EYF822	M. RESISTOR CH 1/10W 8.2K	1						
R7738	ERJ66EY6821	M. RESISTOR CH 1/10W 820	1						

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	■ VEPO6C30D	MAIN C. B. A.		[SUPPLIED FROM MBV]
				(RTL) NV-HD630EG/EG-S
C0701-03	EGUX1H103ZJV	C. CAPACITOR CH 50V 0.01U	3	
C0704	EGUX1H331JGV	C. CAPACITOR CH 50V 330P	1	
C0705	EGUX1H181JGV	C. CAPACITOR CH 50V 180P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	EGUX1H103ZJV	C. CAPACITOR CH 50V 0.01U	2	
C0709	EGUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	EGUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C0712	EGUX1H103ZJV	C. CAPACITOR CH 50V 0.01U	1	
C0714	EQQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C0717	EGUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
C0719	EGUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C0720	EGUX1H103ZJV	C. CAPACITOR CH 50V 0.01U	1	
C0722	EGUX1H103ZJV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0724	EQQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0726	EGUX1H103ZJV	C. CAPACITOR CH 50V 0.01U	1	
C0729	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0730	EGUX1H103ZJV	C. CAPACITOR CH 50V 0.01U	1	
C0732	EGUX1H103ZJV	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECEA1AKG220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
C1002	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1CGE470	E. CAPACITOR 16V 47U	1	
C1004	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1006	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C1201	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C1202	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C1204, 05	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C1501	EGUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C2505	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2506	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
C2507-10	EGUM1H563ZFN	C. CAPACITOR CH 50V 0.056U	4	
C2511	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C2512	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2517	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2519	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2520	EGUX1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2523	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C2524	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2525	EQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2526-28	EGUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C2530	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2531	EGUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C2532, 33	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	2	
C2535, 36	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3002	EGUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3003	EGUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3007	EGUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3008	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3009	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C3011, 12	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3013	EGUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C3014	EGUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C3015, 16	EGUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C3018	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3019	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3020	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3021	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3022	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3023	EGUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3024	EGUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C3025	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3026	EGUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C3027, 28	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C3029	EGUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3030	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C3031	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C3032	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3033	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3035, 36	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C3037	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3038	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3039	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3040, 41	EGUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C3042	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3043	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3044, 45	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3051	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3052	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3053	EGUM1H152KBN	C. CAPACITOR CH 50V 1500P	1	
C3054	EGUX1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C3055	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3056	EGUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3057	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3058, 59	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C3060	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3061	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C3062	EGUM1H390JCN	C. CAPACITOR CH 50V 39P	1	
C3063	EGUM1H102GCN	C. CAPACITOR CH 50V 1000P	1	[SUPPLIED FROM MBV]
C3065	EGUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C3066	EGUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3067	EGUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C3068	EGUM1H681GCN	C. CAPACITOR CH 50V 680P	1	[SUPPLIED FROM MBV]
C3069	EGUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3070	EGUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C3071	EGUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C3072	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3073	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3074	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3075	EGUX1C474KBN	C. CAPACITOR CH 16V 0.47U	1	
C3076	EGUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3077	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3078	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3079	EGUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3080	EGUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C3081	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3082	EGUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3083	EGUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3085	EGUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3086	EGUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3087	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3088	EGUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3089	EGUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3090	EGUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3092	EGUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3094	EGUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3095	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3096	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3097	EGUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3099	EGUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3101, 02	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3109	EGUM1H223ZFN	C. CAPACITOR CH 50V 0.022U	1	
C3901	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3902, 03	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3904	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3905-07	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	3	
C3908	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3910	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3912, 13	ECEA1CKA470	E. CAPACITOR 16V 47U	2	
C3915	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3916	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C3917	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3918-20	ECEAOJKA470	E. CAPACITOR 6.3V 47U	3	
C3921, 22	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3923	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C3924	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4002	EGUM1H152JCN	C. CAPACITOR CH 50V 1500P	1	
C4003	EGUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4004	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4005	EQQB1H223JF	P. CAPACITOR 50V 0.022U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4006, 07	EGUM1H471JCN	C. CAPACITOR CH 50V 470P	2		C7328	EGUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C4008, 09	ECEA1GKA220	E. CAPACITOR 16V 22U	2		C7329	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C4010	EGUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]	C7330	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C4011	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1		C7501	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4012	EGUM1H222JCN	C. CAPACITOR CH 50V 2200P	1		C7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C4013	EGUM1H152JCN	C. CAPACITOR CH 50V 1500P	1		C7505	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4014	ECEA1GKA100	E. CAPACITOR 16V 10U	1		C7506	EGUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4015	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C7508, 09	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C4016, 17	EGUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2		C7513	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4019	EGUM1H822KBN	C. CAPACITOR CH 50V 8200P	1		C7514	VCE0073	SUPER CAPACITOR	1	
C4020	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1		C7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4021	EGUM1H222JCN	C. CAPACITOR CH 50V 2200P	1		C7517, 18	EGUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C4022	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1		C7601	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECEA1AKA101	E. CAPACITOR 10V 100U	1		C7602	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4024, 25	ECQV1H104B46	P. CAPACITOR 50V 0.1U	2		C7604	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4026	ECEA1AKA220	E. CAPACITOR 10V 22U	1		C7607	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4027	ECEA1GKA100	E. CAPACITOR 16V 10U	1		C7608	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C4032	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		C7609	EGUM1H222JCN	C. CAPACITOR CH 50V 2200P	1	
C4518	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7610	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4519	ECA1CAK100X	E. CAPACITOR 16V 10U	1		C7611	EGUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4520	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7614	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4521	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		C7615, 16	EGUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C4522	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7617	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4524, 25	ECAOJAK101X	E. CAPACITOR 6.3V 100U	2		C7618, 19	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4527	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7701	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4528	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1		C7702, 03	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4529	ECA1HAK4R7	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	C7704	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4530	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7705	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4531	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1		C7706	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4532	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		C7707	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4536	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		C7708, 09	EGUM1H151JCN	C. CAPACITOR CH 50V 150P	2	
C4537	ECA1CAK100X	E. CAPACITOR 16V 10U	1		C7710	ECUX1C474ZFN	C. CAPACITOR CH 16V 0.47U	1	
C4538	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		C7711	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4539	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		C7712	EGUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4541, 42	EGUM1H152KBN	C. CAPACITOR CH 50V 1500P	2		C7713	ECUX1E333ZFN	C. CAPACITOR CH 25V 0.033U	1	
C4901, 02	EGUM1H471KBN	C. CAPACITOR CH 50V 470P	2		C7715	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4903, 04	EGUM1H470JCN	C. CAPACITOR CH 50V 47P	2		C7716	EGUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4905, 06	EGUM1H471KBN	C. CAPACITOR CH 50V 470P	2		C7717	EGUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4907, 08	EGUM1H470JCN	C. CAPACITOR CH 50V 47P	2		C7718	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4911-14	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	4		C7719	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4915, 16	EGUM1H470JCN	C. CAPACITOR CH 50V 47P	2		C7722	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4917	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7723	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4918-21	EGUM1H470JCN	C. CAPACITOR CH 50V 47P	4		C7724	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C6001	EGUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C7725	EGUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C6002	EGUM1H060DCN	C. CAPACITOR CH 50V 6P	1		C7726, 27	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C6003	EGUM1H200JCN	C. CAPACITOR CH 50V 20P	1		C7728	EGUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C6004	EGUM1H120JCN	C. CAPACITOR CH 50V 12P	1		C7729	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6005	EGUM1H060DCN	C. CAPACITOR CH 50V 6P	1		C7730	EGUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C6007	EGUM1H151JCN	C. CAPACITOR CH 50V 150P	1		C7731	EGUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C6009	EGUM1H222KBN	C. CAPACITOR CH 50V 2200P	1		C7732	EGUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C6011	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		C7733, 34	EGUM1H221JCN	C. CAPACITOR CH 50V 220P	2	
C6012	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	1		C7735, 36	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C6013	ECEA1GKA100	E. CAPACITOR 16V 10U	1		C7737	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C6016	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7738	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6017, 18	EGUM1H102KBN	C. CAPACITOR CH 50V 1000P	2		C7739	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6019	EGUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1		C7740	EGUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C6020	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C7741, 42	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C6022, 23	EGUM1H101JCN	C. CAPACITOR CH 50V 100P	2		C7744	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7301	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7745	EGUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C7302	VCEAOJAW101	E. CAPASITOR 6.3V 100U	1		C7746, 47	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7303	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		C7804	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7304	VCEAOJAW101	E. CAPASITOR 6.3V 100U	1		C7909	EGUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7307	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1		C7910	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7308	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1						
C7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		D1003	1SS254	DIODE	1	
C7312, 13	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2		D1004	MA4051-M	DIODE	1	
C7315	EGUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1		D1005	1SS254	DIODE	1	
C7316	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		D1006	MA4120-M	DIODE	1	
C7317	VCEA1CAW100	E. CAPACITOR 16V 10U	1		D1009	MA4051-M	DIODE	1	
C7318	VCEAOJAW470	E. CAPASITOR 6.3V 47U	1		D1010	1SS254	DIODE	1	
C7319, 20	VCEA1CAW100	E. CAPACITOR 16V 10U	2		D1011, 12	11EST	DIODE	2	
C7321	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1		D1013	MA723-VT	DIODE	1	
C7322, 23	ECUX1H103KBN	C. CAPACITOR CH 50V 0.01U	2		D1015, 16	1SS254	DIODE	2	
C7324-26	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	3		D1501	S1R505S	DIODE	1	
C7327	EGUM1C334KBN	C. CAPACITOR CH 16V 0.33U	1		D2501	MA723-VT	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D2502-05	1SS254	DIODE	4	
D2506-08	MA151WK	DIODE	3	
D3001	1SS254	DIODE	1	
D3009	ERDS2TJ101	C. RESISTOR 1/4W 100	1	
D3010	1SS254	DIODE	1	
D3014	1SS254	DIODE	1	
D3015	MA151K	DIODE	1	
D3016	MA151WA	DIODE	1	
D3017	1SS254	DIODE	1	
D3901, 02	MA4056-M	DIODE	2	
D3903	1SS254	DIODE	1	
D3905	1SS254	DIODE	1	
D3906	MA4120-M	DIODE	1	
D3907, 08	MA4056-M	DIODE	2	
D4503-05	1SS254	DIODE	3	
D4901	1SS254	DIODE	1	
D5501	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
D7302	BB135	DIODE	1	[SUPPLIED FROM MBV]
D7521	MA4220-L	DIODE	1	
D7523	MA723-VT	DIODE	1	
D7601	MA4300-M	DIODE	1	
D7602, 03	1SS254	DIODE	2	
D7701	MA151WK	DIODE	1	
D7702	MA153	DIODE	1	
D7705	1SS355	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
FL7301	VLF0633	FILTER	1	
IC0701	LA7576	IC	1	
IC1001	PQ20VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPC1093J	IC	1	
IC1501, 02	RPI354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3814K	IC	1	
IC3001	TDA9725V2	IC	1	[SUPPLIED FROM MBV]
IC3002	TL8850AF	IC	1	
IC3901	STV6400D	IC	1	[SUPPLIED FROM MBV]
IC4001	BA7795FS	IC	1	
IC4501	BH7803K	IC	1	[SUPPLIED FROM MBV]
IC4901	MG14052BF	IC	1	
IC4902	MG14053BF	IC	1	
IC4903	NJM4558M	IC	1	
IC6001	M37777V1GJ	IC	1	[SUPPLIED FROM MBV]
IC7301	TDA9874H	IC	1	[SUPPLIED FROM MBV]
IC7302	PST7043	IC	1	
IC7501	M35500AFP	IC	1	[SUPPLIED FROM MBV]
IC7502	S80743AL	IC	1	
IC7503	PST7028	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	
IC7701	NJM2246M	IC	1	[SUPPLIED FROM MBV]
IC7702	SDA5650	IC	1	[SUPPLIED FROM MBV]
IC7703	M35062WVAR	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	
IC7705	M30612VCGZ	IC	1	[SUPPLIED FROM MBV]
IC7906	M34510W2CR	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201, 02	UNH000300A	IC PROTECTOR	2	
△ IP7601	VSF0015A025	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4902	VJS3634	21PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
K0704-06	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	3	
K2501	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K3001, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K3007, 08	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K3902	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4003, 04	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K4501, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K4902, 03	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K5501	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
K6002	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K6004	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7301, 02	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
K7304	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
K7507	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7608	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7704	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
K7804	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7806	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7901, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K7904	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7907	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7909-11	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	3	
L0701	VLQ0163JR12	COIL 0.12UH	1	
L0705	VLQ0163J5R6	COIL 5.6UH	1	
L0706	VLQEL05S150K	COIL 15UH	1	
L2502	VLQ0599J101	COIL 100UH	1	
L3001	VLQ0599J100	COIL 10UH	1	
L3002	VLQ0599J270	COIL 27UH	1	
L3003	VLQ0599J470	COIL 47UH	1	
L3006, 07	VLQ0599J390	COIL 39UH	2	
L3008, 09	VLQ0599J680	COIL 68UH	2	
L3010	VLQ0599J390	COIL 39UH	1	
L3013	VLQ0599J101	COIL 100UH	1	
L3014	VLQ0599J100	COIL 10UH	1	
L3015	VLQ0599J470	COIL 47UH	1	
L3016	VLQ0599J151	COIL 150UH	1	
L3017	VLQ0599J820	COIL 82UH	1	
L3018	VLQ0599J151	COIL 150UH	1	
L3019	VLQ0599J120	COIL 12UH	1	
L3020	VLQ0599J101	COIL 100UH	1	
L3021	VLQ0599J270	COIL 27UH	1	
L3022	VLQ0599J6R8	COIL 6.8UH	1	
L3024	VLQ0599J271	COIL 270UH	1	[SUPPLIED FROM MBV]
L3901-04	VLQ0599J330	COIL 33UH	4	
L4001	VLQ0599J680	COIL 68UH	1	
L4002	ELELN103JA	COIL	1	[SUPPLIED FROM MBV]
L5502	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
L7301	VLQ0599J3R3	COIL 3.3UH	1	
L7302	VLQ0599J1R0	COIL 1UH	1	
L7601	VLQ0599J330	COIL 33UH	1	
L7602	VLQ0599J2R7	COIL 2.7UH	1	
L7603	VLQ0599J330	COIL 33UH	1	
L7605	ELESN330KA	COIL 33UH	1	
L7611	VLQ0599J100	COIL 10UH	1	
L7701, 02	ELESE390KA	INDUCTOR 39UH	2	
L7706	ELESN270KA	INDUCTOR 27UH	1	
L7707	ELESE100KA	INDUCTOR 10UH	1	
L7708	ELESE101KA	INDUCTOR 100UH	1	
LB3001-04	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	4	
LB3006, 07	VLP0145	COIL	2	
LB3008	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
LB4901-03	VLP0147	COIL	3	
LB7301-04	VLP0150	COIL	4	
LB7501	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
LB7601	VLP0125	COIL	1	
LB7701	VLP0145	COIL	1	
LB7801	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
P1001	VJS3917A016W	CONNECTOR (FEMALE) 16P	1	
P1501	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P2501	VJP3835A012	CONNECTOR (MALE) 12P	1	
P2502	VJS3537A009G	CONNECTOR (FEMALE) 9P	1	
P3001	VJS3537A016G	CONNECTOR (FEMALE) 16P	1	
P4001	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4004	VJS3537A006G	CONNECTOR (FEMALE) 6P	1	
PK0701	VJR0816E010W	CONNECTOR (MALE) 10P	1	
PK7301, 02	VJR0777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJR0777B006W	CONNECTOR (MALE) 6P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PP7701	VJP3043G012W	CONNECTOR (MALE) 12P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
PP7702	VJP3043G015W	CONNECTOR (MALE) 15P	1		R0705	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
PS7701	VJS3043F012W	CONNECTOR (FEMALE) 12P	1		R0706, 07	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	2	
PS7702	VJS3043B015W	CONNECTOR (FEMALE) 15P	1		R0708	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
Q0701	MSD601-S	TRANSISTOR	1		R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1	
Q0702	MSB709-R	TRANSISTOR	1		R0710	ERJ6GEYG154	M. RESISTOR CH 1/10W 150K	1	
Q1001	2SD601A	TRANSISTOR	1		R0713	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
Q1002	2SD602A	TRANSISTOR	1		R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
Q1003	2SD1996	TRANSISTOR	1		R0715	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	1	
Q1004	2SB710A	TRANSISTOR	1		R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
Q1005	2SD25440PQA	TRANSISTOR	1		R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
Q1006	2SD1996	TRANSISTOR	1		R0718	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
Q1007	2SD602A-R	TRANSISTOR	1		R0719	ERJ6GEYG752	M. RESISTOR CH 1/10W 7.5K	1	
Q1201	2SD2259	TRANSISTOR	1		R0720	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
Q1202	2SD1996	TRANSISTOR	1		R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
Q1501	PNB2301MBV	TRANSISTOR	1		R0723	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
Q1502	PNB2301MAV	TRANSISTOR	1		R0724	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
Q1503	2SD601A	TRANSISTOR	1		R0725	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
Q3001, 02	2SD601A	TRANSISTOR	2		R0726	ERJ3GEYG561	M. RESISTOR CH 1/16W 560	1	
Q3003	MSC2295-C	TRANSISTOR	1		R0727	ERJ3GEYG132	M. RESISTOR CH 1/16W 1.3K	1	
Q3004	2SB709A	TRANSISTOR	1		R0728	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
Q3005	2SD601A	TRANSISTOR	1		R0729	ERJ3GEYG102	M. RESISTOR CH 1/16W 1K	1	
Q3008	MSC2295-C	TRANSISTOR	1		R0732	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	1	
Q3012, 13	2SD601A	TRANSISTOR	2		R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
Q3014	2SB709A	TRANSISTOR	1		R1001, 02	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	2	
Q3015	2SB709A-R	TRANSISTOR	1		R1003, 04	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	2	
Q3017	MSC2295-C	TRANSISTOR	1		R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
Q3018	2SD601A	TRANSISTOR	1		R1006	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
Q3019	MSC2295-C	TRANSISTOR	1		R1007, 08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
Q3021	MSC2295-C	TRANSISTOR	1		R1009, 10	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
Q3022	2SB709A	TRANSISTOR	1		R1011	ERJ6GMYG823	M. RESISTOR CH 1/10W 82K	1	
Q3023, 24	MSC2295-C	TRANSISTOR	2		R1012	ERDS2TJ472	C. RESISTOR 1/4W 4.7K	1	
Q3901, 02	2SD601A	TRANSISTOR	2		R1013	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
Q3903	2SD1328	TRANSISTOR	1		R1014	ERJ6GMYG163	M. RESISTOR CH 1/10W 16K	1	
Q4001	2SB710-R	TRANSISTOR	1		R1015	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
Q4002	2SD602A-R	TRANSISTOR	1		R1016, 17	ERJ6GMYG563	M. RESISTOR CH 1/10W 56K	2	
Q4501	2SD601A	TRANSISTOR	1		R1018, 19	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
Q4502	2SA1515	TRANSISTOR	1		R1022	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
Q4503	2SD1468	TRANSISTOR	1		R1023	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
Q5502	2SD601A	TRANSISTOR	1		R1024	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
Q7601	2SD601A	TRANSISTOR	1		R1201	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
Q7602-05	2SD1328-S	TRANSISTOR	4		R1202	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
Q7606	2SB709A	TRANSISTOR	1		R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
Q7701	2SB709A	TRANSISTOR	1		R1205	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
Q7702, 03	2SD601A	TRANSISTOR	2		R1501, 02	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	2	
Q7704	2SB709A	TRANSISTOR	1		R2504	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
Q7705, 06	2SD601A	TRANSISTOR	2		R2505	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
Q7707	2SB709A	TRANSISTOR	1		R2506, 07	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
Q7708-11	2SD601A	TRANSISTOR	4		R2510	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
Q7712, 13	2SB709A	TRANSISTOR	2		R2511	ERJ6GMYG433	M. RESISTOR CH 1/10W 43K	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1		R2513	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270K	1	
QR1002	MUN2213	TRANSISTOR-RESISTOR	1		R2514	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1		R2515, 16	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
QR1005	MUN2213	TRANSISTOR-RESISTOR	1		R2518	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
QR1501	MUN2112	TRANSISTOR-RESISTOR	1		R2520	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1	
QR2504	MUN2213	TRANSISTOR-RESISTOR	1		R2521, 22	ERDS2TJ330	C. RESISTOR 1/4W 33	2	
QR3001	MUN2213	TRANSISTOR-RESISTOR	1		R2523	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1	
QR3002	MUN2113	TRANSISTOR-RESISTOR	1		R2524	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
QR3006	UN2210	TRANSISTOR-RESISTOR	1		R2532	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
QR3007-10	MUN2113	TRANSISTOR-RESISTOR	4		R3001	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
QR3012, 13	DTC363EK	TRANSISTOR-RESISTOR	2		R3002	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
QR3014	MUN2212	TRANSISTOR-RESISTOR	1		R3003, 04	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
QR3901	MUN2212	TRANSISTOR-RESISTOR	1		R3005	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
QR3903	MUN2111	TRANSISTOR-RESISTOR	1		R3006, 07	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
QR3904	MUN2212	TRANSISTOR-RESISTOR	1		R3008	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1		R3009	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
QR4505	MUN2212	TRANSISTOR-RESISTOR	1		R3010	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1		R3011	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1		R3012	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1		R3013	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R0703	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1		R3014	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1		R3015	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
					R3016	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
					R3017	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
					R3018	ERJ6GMYG471	M. RESISTOR CH 1/10W 470	1	
					R3019	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3020	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R3021	ERJ6GMYG470	M. RESISTOR CH 1/10W 47	1	
R3024, 25	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R3026	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R3027	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3029	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3030	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R3040	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3043	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R3044	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3046	ERJ6GMYG683	M. RESISTOR CH 1/10W 68K	1	
R3047	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3048	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R3049	ERJ6GMYG390	M. RESISTOR CH 1/10W 39	1	
R3050	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3051	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R3052	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3053	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R3057	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3058	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3060	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R3061	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3062	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3063	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R3064	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
R3065	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3066	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R3067	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3069	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3070	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R3071	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3072	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R3073	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3075, 76	ERJ6GMYG202	M. RESISTOR CH 1/10W 2K	2	
R3077	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3078	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3079	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3080	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3081	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3082	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3084, 85	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	2	
R3086	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3087	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3088	ERJ6GEYG223	M. RESISTOR CH 1/10W 22K	1	
R3089	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R3090	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3091	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3092	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3093	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3095, 96	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	2	
R3097	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3113	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R3115, 16	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3117	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3118	ERJ6GMYG470	M. RESISTOR CH 1/10W 47	1	
R3901	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R3903, 04	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	2	
R3905, 06	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	2	
R3907, 08	VLP0147	COIL	2	
R3909	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1	
R3911	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R3914	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3921	ERDS1TJ222	C. RESISTOR 1/2W 2.2K	1	
R3922	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R3923	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3924, 25	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R3933	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4001	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4002	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4003	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4004	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4005	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1	
R4006	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4007	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4008	ERJ6GMYG391	M. RESISTOR CH 1/10W 390	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4009	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R4010	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4011	ERJ6GMYG622	M. RESISTOR CH 1/10W 6.2K	1	
R4012	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4014	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4015	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4016	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4017	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4018	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R4019	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4020	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4021, 22	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4023	ERJ6GMYG912	M. RESISTOR CH 1/10W 9.1K	1	
R4024, 25	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	2	
R4026	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R4028	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4029	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R4030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4032	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4033	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R4034	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4037	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4516	ERJ6GEYG223	M. RESISTOR CH 1/10W 22K	1	
R4517	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4519	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4520, 21	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	2	
R4522, 23	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4528	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4529	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4530	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4531	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4532	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R4533	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4534	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R4535	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4536	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4538	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4540	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R4541	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4542	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R4543	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R4544	ERJ6GEYF393	M. RESISTOR CH 1/10W 39K	1	
R4545	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R4548, 49	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R4558-60	ERG1SJ270	M. RESISTOR 1W 27	3	
R4901, 02	VLP0147	COIL	2	
R4903-06	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	4	
R4907, 08	VLP0147	COIL	2	
R4909	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4910	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1	
R4911	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4912	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4913	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4914	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4917	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R5516	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R5519	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6001	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R6002	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R6003	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R6008, 09	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R6010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6012, 13	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R6015, 16	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	2	
R6017	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R6018	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R6019	ERJ6GMYJ106	M. RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6022	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1		R7729	ERJ66EYG152	M. RESISTOR CH 1/10W 1.5K	1	
R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1		R7730	ERJ66EYG681	M. RESISTOR CH 1/10W 680	1	
R6026	ERJ66MYG473	M. RESISTOR CH 1/10W 47K	1		R7731	ERJ66EYG222	M. RESISTOR CH 1/10W 2.2K	1	
R6027	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1		R7732	ERJ66EYG105	M. RESISTOR CH 1/10W 1M	1	
R6028	ERJ66MYG473	M. RESISTOR CH 1/10W 47K	1		R7733	ERJ66EYG682	M. RESISTOR CH 1/10W 6.8K	1	
R6031	ERJ66MYG273	M. RESISTOR CH 1/10W 27K	1		R7734	ERJ66EYG103	M. RESISTOR CH 1/10W 10K	1	
R6032	ERJ66MYG393	M. RESISTOR CH 1/10W 39K	1		R7735	ERJ66EYF333	M. RESISTOR CH 1/10W 33K	1	
R6033	ERJ66MYG273	M. RESISTOR CH 1/10W 27K	1		R7736	ERJ66EYG104	M. RESISTOR CH 1/10W 100K	1	
R6034	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		R7737	ERJ66EYF822	M. RESISTOR CH 1/10W 8.2K	1	
R6040	ERJ66MYG473	M. RESISTOR CH 1/10W 47K	1		R7738	ERJ66EYG821	M. RESISTOR CH 1/10W 820	1	
R6042	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		R7739	ERJ66EYG512	M. RESISTOR CH 1/10W 5.1K	1	
R6063	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	1		R7741	ERJ66EYG222	M. RESISTOR CH 1/10W 2.2K	1	
R7302	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		R7742	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7305, 06	ERJ66EYG101	M. RESISTOR CH 1/10W 100	2		R7743	ERJ66EYG101	M. RESISTOR CH 1/10W 100	1	
R7316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R7744	ERJ66EYF333	M. RESISTOR CH 1/10W 33K	1	
R7318	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1		R7745	ERJ66EYG153	M. RESISTOR CH 1/10W 15K	1	
R7324	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1		R7746	ERJ66EYG221	M. RESISTOR CH 1/10W 220	1	
R7325	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1		R7747	ERJ66EYG104	M. RESISTOR CH 1/10W 100K	1	
R7326	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1		R7748	ERJ66EYJ224	M. RESISTOR CH 1/10W 220K	1	
R7327	ERJ3GEYG822	M. RESISTOR CH 1/16W 8.2K	1		R7749	ERJ66EYG104	M. RESISTOR CH 1/10W 100K	1	
R7328, 29	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2		R7750	ERJ66EYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R7501	ERDS2TJ5R6	C. RESISTOR 1/4W 5.6	1		R7752	ERJ66EYG273	M. RESISTOR CH 1/10W 27K	1	
R7502, 03	ERJ66MYG202	M. RESISTOR CH 1/10W 2K	2		R7753	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7505	ERJ66MYG432	M. RESISTOR CH 1/10W 4.3K	1		R7754	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7506-08	ERJ66MYG332	M. RESISTOR CH 1/10W 3.3K	3		R7755	ERJ66EYG223	M. RESISTOR CH 1/10W 22K	1	
R7509	ERJ66MYG822	M. RESISTOR CH 1/10W 8.2K	1		R7756	ERJ66EYG101	M. RESISTOR CH 1/10W 100	1	
R7510	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	1		R7757	ERJ66EYG103	M. RESISTOR CH 1/10W 10K	1	
R7511	ERJ66MYG432	M. RESISTOR CH 1/10W 4.3K	1		R7759-64	ERJ66EYG101	M. RESISTOR CH 1/10W 100	6	
R7512	ERJ66MYG101	M. RESISTOR CH 1/10W 100	1		R7766, 67	ERJ66EYG101	M. RESISTOR CH 1/10W 100	2	
R7514	ERJ66MYG822	M. RESISTOR CH 1/10W 8.2K	1		R7768	ERJ66EYOR00	M. RESISTOR CH 1/10W 0	1	
R7515	ERJ66MYG562	M. RESISTOR CH 1/10W 5.6K	1		R7769	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7516	ERJ66MYG432	M. RESISTOR CH 1/10W 4.3K	1		R7770	ERJ66EYG332	M. RESISTOR CH 1/10W 3.3K	1	
R7517	ERJ66MYG101	M. RESISTOR CH 1/10W 100	1		R7771	ERJ66EYG101	M. RESISTOR CH 1/10W 100	1	
R7520, 21	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	2		R7774-78	ERJ66EYG101	M. RESISTOR CH 1/10W 100	5	
R7523-25	ERJ66MYJ303	M. RESISTOR CH 1/10W 30K	3		R7779, 80	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	2	
R7527	ERJ66MYJ181	M. RESISTOR CH 1/10W 180	1		R7781	ERJ66EYF473	M. RESISTOR CH 1/10W 47K	1	
R7528	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		R7936	ERJ66MYG392	M. RESISTOR CH 1/10W 3.9K	1	
R7531, 32	ERJ66MYG332	M. RESISTOR CH 1/10W 3.3K	2		R7938	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7533	ERJ66MYJ303	M. RESISTOR CH 1/10W 30K	1		R7939-41	ERJ66MYG471	M. RESISTOR CH 1/10W 470	3	
R7534	ERJ66MYJ221	M. RESISTOR CH 1/10W 220	1		R7942, 43	ERJ66MYG101	M. RESISTOR CH 1/10W 100	2	
R7535	ERJ66MYG332	M. RESISTOR CH 1/10W 3.3K	1		R7944	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7601, 02	ERJ66MYG101	M. RESISTOR CH 1/10W 100	2		R7945	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7603	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1		R7946	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7605, 06	ERG2SJ331	M. RESISTOR 2W 330	2		R7947	ERJ66EYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7607, 08	ERJ66MYJ683	M. RESISTOR CH 1/10W 68K	2		R7948	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7609, 10	ERJ66MYG151	M. RESISTOR CH 1/10W 150	2		R7950	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1	
R7611	ERJ66MYG103	M. RESISTOR CH 1/10W 10K	1		R7953	ERJ66MZOR00	M. RESISTOR CH 1/10W 0	1	
R7612	ERJ66MYG561	M. RESISTOR CH 1/10W 560	1						
R7613, 14	ERJ66MYG101	M. RESISTOR CH 1/10W 100	2		S1501	VSS0520	MODE SELECT SWITCH	1	
R7620	ERDS2TJ471	C. RESISTOR 1/4W 470	1		S7503, 04	EVQ11L07B	SWITCH	2	
R7621	ERJ66MYG102	M. RESISTOR CH 1/10W 1K	1		S7505	VES0834	S-TAB SWITCH	1	
R7622	ERJ66MYG104	M. RESISTOR CH 1/10W 100K	1		S7506, 07	EVQ11L07B	SWITCH	2	
R7624	ERDS2TJ182	C. RESISTOR 1/4W 1.8K	1		S7509-11	EVQ11L07B	SWITCH	3	
R7701	ERJ66EYG105	M. RESISTOR CH 1/10W 1M	1						
R7702	ERJ66EYG680	M. RESISTOR CH 1/10W 68	1		T0703	EQV5EC071A	TRANSFORMER	1	
R7703	ERJ66EYF822	M. RESISTOR CH 1/10W 8.2K	1		T0704	EQV5EC072A	TRANSFORMER	1	
R7704	ERJ66EYG105	M. RESISTOR CH 1/10W 1M	1		T0711	EQS5EC032A	TRANSFORMER	1	
R7705	ERJ66EYG222	M. RESISTOR CH 1/10W 2.2K	1		T4001	EQQ7QF024P	TRANSFORMER	1	
R7706	ERJ66EYG564	M. RESISTOR CH 1/10W 560K	1						
R7707	ERJ66EYG104	M. RESISTOR CH 1/10W 100K	1		△ TU7601	ENG4727961	TUNER	1	[SUPPLIED FROM MBV]
R7708	ERJ66EYG682	M. RESISTOR CH 1/10W 6.8K	1						
R7709	ERJ66EYJ125	M. RESISTOR CH 1/10W 1.2M	1		VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
R7710	ERJ66EYG682	M. RESISTOR CH 1/10W 6.8K	1		VR3002, 03	EVNCYAA03B23	V. RESISTOR 2K	2	
R7711	ERJ66EYJ125	M. RESISTOR CH 1/10W 1.2M	1		VR3004, 05	EVNCYAA03B52	V. RESISTOR 500	2	
R7712	ERJ66EYG101	M. RESISTOR CH 1/10W 100	1						
R7713-15	ERJ66EYG102	M. RESISTOR CH 1/10W 1K	3		X0701	VLV1416	FILTER	1	[SUPPLIED FROM MBV]
R7716	ERJ66EYG331	M. RESISTOR CH 1/10W 330	1		X0702	EFCS5R5MS5	FILTER	1	
R7717	ERJ66EYG102	M. RESISTOR CH 1/10W 1K	1		X0703	EFCS5R5MW5	GERAMIC FILTER	1	
R7718	ERJ66EYF821	M. RESISTOR CH 1/10W 820	1		X0704	VLV1368	FILTER	1	
R7719	ERJ66EYG222	M. RESISTOR CH 1/10W 2.2K	1		X3001	VXS0162	CRYSTAL OSCILLATOR	1	
R7720	ERJ66EYG392	M. RESISTOR CH 1/10W 3.9K	1		X6001	VXS0830	CRYSTAL OSCILLATOR	1	
R7722	ERJ66EYJ112	M. RESISTOR CH 1/10W 1.1K	1		X6002	VXS0660	CRYSTAL OSCILLATOR	1	
R7723	ERJ66EYF822	M. RESISTOR CH 1/10W 8.2K	1		X7302	VXS0953	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
R7726	ERJ66EYG222	M. RESISTOR CH 1/10W 2.2K	1		X7701	VXS0934	GERAMIC OSCILLATOR	1	[SUPPLIED FROM MBV]
R7727, 28	ERJ66EYG102	M. RESISTOR CH 1/10W 1K	2		X7902	EFOEC4004A4	GERAMIC OSCILLATOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		MISCELLANEOUS		
	VXQ0648	FIP HOLDER	1	
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODULATOR C.B.A.
	VSC4753	SHIELD CASE (BOTTOM)	1	[SUPPLIED FROM MBV]
				FOR NIGAM DECODER
	VSC4752	SHIELD CASE (MAIN)	1	[SUPPLIED FROM MBV]
				FOR NIGAM DECODER
	■ VEP06C30X	MAIN C.B.A.		[SUPPLIED FROM MBV] (RTL) NV-HD628EG
C0701, 02	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	2	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	2	
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JVP	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C0712	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C0714	EQQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C0717	ECUX1H270JVP	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C0720	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0726	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C0730	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECEA1AKG220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1GGE470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C1201	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C1204, 05	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C1501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C2505	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2506	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
C2507-10	ECUM1H563ZFN	C. CAPACITOR CH 50V 0.056U	4	
C2511	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C2512	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA47	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2517	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2519	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2520	ECUX1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2523	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C2524	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2525	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2526-28	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C2530	ECEA1VKN47	E. CAPACITOR 35V 4.7U	1	
C2531	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C2532, 33	ECEA1VKN47	E. CAPACITOR 35V 4.7U	2	
C2535, 36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3002	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3003	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3007	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3008	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C3011, 12	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3013	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C3014	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C3015, 16	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C3018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3019	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3021	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3022	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3023	ECUM1H103KBN	G. CAPACITOR CH 50V 0.01U	1	
C3024	ECUM1H472KBN	G. CAPACITOR CH 50V 4700P	1	
C3025	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3026	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	1	
C3027, 28	ECEATEKA100	E. CAPACITOR 16V 10U	2	
C3029	ECUX1H223KBN	G. CAPACITOR CH 50V 0.022U	1	
C3030	ECEATEKA47	E. CAPACITOR 25V 4.7U	1	
C3031	ECEATEKN47	E. CAPACITOR 25V 4.7U	1	
C3032	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3033	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3035, 36	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	2	
C3037	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3038	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
C3039	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3040, 41	ECUM1H330JCN	G. CAPACITOR CH 50V 33P	2	
C3042	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3043	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
C3044, 45	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
C3052	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3053	ECUM1H152KBN	G. CAPACITOR CH 50V 1500P	1	
C3054	ECUX1H392KBN	G. CAPACITOR CH 50V 3900P	1	
C3055	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3056	ECUM1H221JCN	G. CAPACITOR CH 50V 220P	1	
C3057	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3058, 59	ECUM1H102KBN	G. CAPACITOR CH 50V 1000P	2	
C3060	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3061	ECEATEKA47	E. CAPACITOR 25V 4.7U	1	
C3062	ECUM1H390JCN	G. CAPACITOR CH 50V 39P	1	
C3063	ECUM1H102GKN	G. CAPACITOR CH 50V 1000P	1	[SUPPLIED FROM MBV]
C3065	ECUX1H223KBN	G. CAPACITOR CH 50V 0.022U	1	
C3066	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
C3067	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	1	
C3068	ECUM1H681GKN	G. CAPACITOR CH 50V 680P	1	[SUPPLIED FROM MBV]
C3069	ECUM1H680JCN	G. CAPACITOR CH 50V 68P	1	
C3070	ECUM1H820JCN	G. CAPACITOR CH 50V 82P	1	
C3071	ECUM1H101JCN	G. CAPACITOR CH 50V 100P	1	
C3072	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3073	ECUM1H102KBN	G. CAPACITOR CH 50V 1000P	1	
C3074	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3075	ECUX1C474KBN	G. CAPACITOR CH 16V 0.47U	1	
C3076	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
C3077	ECEATEKA010	E. CAPACITOR 50V 1U	1	
C3078	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3079	ECUM1H222KBN	G. CAPACITOR CH 50V 2200P	1	
C3080	ECUM1E333KBN	G. CAPACITOR CH 25V 0.033U	1	
C3081	ECEATEKA010	E. CAPACITOR 50V 1U	1	
C3082	ECUM1H330JCN	G. CAPACITOR CH 50V 33P	1	
C3083	ECUM1H680JCN	G. CAPACITOR CH 50V 68P	1	
C3085	ECUM1H181JCN	G. CAPACITOR CH 50V 180P	1	
C3086	ECUM1H220JCN	G. CAPACITOR CH 50V 22P	1	
C3087	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3088	ECUM1H220JCN	G. CAPACITOR CH 50V 22P	1	
C3089	ECUM1H180JCN	G. CAPACITOR CH 50V 18P	1	
C3090	ECUM1H330JCN	G. CAPACITOR CH 50V 33P	1	
C3092	ECUM1H681JCN	G. CAPACITOR CH 50V 680P	1	
C3094	ECUM1H620JCN	G. CAPACITOR CH 50V 62P	1	
C3095	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
C3096	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3097	ECUM1H151JCN	G. CAPACITOR CH 50V 150P	1	
C3099	ECUM1H220JCN	G. CAPACITOR CH 50V 22P	1	
C3101, 02	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
C3109	ECUM1H223ZFN	G. CAPACITOR CH 50V 0.022U	1	
C3901	ECEATEKA470	E. CAPACITOR 16V 47U	1	
C3902, 03	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
C3904	ECEATEKA470	E. CAPACITOR 16V 47U	1	
C3905-07	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	3	
C3908	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
C3910	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3912, 13	ECEATEKA470	E. CAPACITOR 16V 47U	2	
C3915	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3916	ECEATEKA100	E. CAPACITOR 16V 10U	1	
C3917	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3918-20	ECEAOJKA470	E. CAPACITOR 6.3V 47U	3	
C3921, 22	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	



Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3923	ECEA1CKA100	E. CAPACITOR 16V 10U	1		G7325	ECUX1H223KBM	G. CAPACITOR CH 50V 0.022U	1	
C3924	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		G7326	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C4002	ECUM1H152JCN	C. CAPACITOR CH 50V 1500P	1		G7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4003	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1		G7330	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4004	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1		G7332, 33	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2	
C4005	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		G7337	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C4006, 07	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2		G7339	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C4008, 09	ECEA1CKA220	E. CAPACITOR 16V 22U	2		G7340	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1	
C4010	ECUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]	G7341	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1	
C4011	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1		G7345	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C4012	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1		G7346	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1	
C4013	ECUM1H152JCN	C. CAPACITOR CH 50V 1500P	1		G7347	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1	
C4014	ECEA1CKA100	E. CAPACITOR 16V 10U	1		G7349, 50	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C4015	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		G7352	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C4016, 17	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2		G7353	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4019	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1		G7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4020	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1		G7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C4021	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1		G7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4022	ECEA1HKAOR1	E. CAPACITOR 50V 0.1U	1		G7506	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4023	ECEA1KA101	E. CAPACITOR 10V 100U	1		G7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C4024, 25	ECQV1H104B46	P. CAPACITOR 50V 0.1U	2		G7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4026	ECEA1KA220	E. CAPACITOR 10V 22U	1		G7514	VCE0073	SUPER CAPACITOR	1	
C4027	ECEA1CKA100	E. CAPACITOR 16V 10U	1		G7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4032	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		G7517, 18	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C4518	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		G7601	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4519	ECA1CAK100X	E. CAPACITOR 16V 10U	1		G7602	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4520	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		G7604	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4521	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		G7607	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4522	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		G7608	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C4524, 25	ECAOJAK101X	E. CAPACITOR 6.3V 100U	2		G7609	ECUM1H222JCN	C. CAPACITOR CH 50V 2200P	1	
C4527	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		G7610	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4528	ECUX1H223KBN	C. CAPACITOR CH 50V 0.022U	1		G7611	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4529	ECA1HAK4R7	E. CAPACITOR 50V 4.7U	1	[SUPPLIED FROM MBV]	G7614	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4530	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1		G7615, 16	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C4531	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1		G7617	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4532	ECAOJAK101X	E. CAPACITOR 6.3V 100U	1		G7618, 19	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4536	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		G7701	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4537	ECA1CAK100X	E. CAPACITOR 16V 10U	1		G7702, 03	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4538	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1		G7704	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4539	ECQB1H472JF	P. CAPACITOR 50V 4700P	1		G7705	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4541, 42	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	2		G7706	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4901, 02	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	2		G7707	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4903, 04	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	2		G7708, 09	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	2	
C4905, 06	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	2		G7710	ECUX1C474ZFN	C. CAPACITOR CH 16V 0.47U	1	
C4907, 08	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	2		G7711	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4911-14	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	4		G7712	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4915, 16	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	2		G7713	ECUX1E333ZFN	C. CAPACITOR CH 25V 0.033U	1	
C4917	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		G7715	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4918-21	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	4		G7716	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C6001	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		G7717	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C6002	ECUM1H060DCN	C. CAPACITOR CH 50V 6P	1		G7718	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C6003	ECUM1H200JCN	C. CAPACITOR CH 50V 20P	1		G7719	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6004	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1		G7722	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C6005	ECUM1H060DCN	C. CAPACITOR CH 50V 6P	1		G7723	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C6007	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1		G7724	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C6009	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1		G7725	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C6011	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1		G7726, 27	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C6012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1		G7728	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C6013	ECEA1CKA100	E. CAPACITOR 16V 10U	1		G7729	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		G7730	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C6017, 18	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2		G7731	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C6019	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1		G7732	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C6020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		G7733, 34	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2	
C6022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2		G7735, 36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7302	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1		G7737	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
G7304	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1		G7738	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
G7308	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1		G7739	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7309	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	1		G7740	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
G7310	ECEA1CKA100	E. CAPACITOR 16V 10U	1		G7741, 42	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7311	ECEA1CKA101	E. CAPACITOR 16V 100U	1		G7744	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
G7312	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	1		G7745	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
G7313	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1		G7746, 47	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
G7314, 15	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	2		G7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
G7320, 21	ECEA1CKA100	E. CAPACITOR 16V 10U	2						
G7323, 24	ECUM1H153KBM	C. CAPACITOR CH 50V 0.015U	2		D1003	1SS254	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D1004	MA4051-M	DIODE	1	
D1005	1SS254	DIODE	1	
D1006	MA4120-M	DIODE	1	
D1009	MA4051-M	DIODE	1	
D1010	1SS254	DIODE	1	
D1011, 12	11ES1	DIODE	2	
D1013	MA723-VT	DIODE	1	
D1015, 16	1SS254	DIODE	2	
D1501	S1R505S	DIODE	1	
D2501	MA723-VT	DIODE	1	
D2502-05	1SS254	DIODE	4	
D2506-08	MA151WK	DIODE	3	
D3001	1SS254	DIODE	1	
D3009	ERDS2TJ101	C. RESISTOR 1/4W 100	1	
D3010	1SS254	DIODE	1	
D3014	1SS254	DIODE	1	
D3016	MA151WA	DIODE	1	
D3017	1SS254	DIODE	1	
D3901, 02	MA4056-M	DIODE	2	
D3903	1SS254	DIODE	1	
D3905	1SS254	DIODE	1	
D3906	MA4120-M	DIODE	1	
D3907, 08	MA4056-M	DIODE	2	
D4503-05	1SS254	DIODE	3	
D4901	1SS254	DIODE	1	
D5501	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
D7304	MA29T-B	DIODE	1	
D7305	1SS254	DIODE	1	
D7307	MA151K	DIODE	1	
D7521	MA4220-L	DIODE	1	
D7523	MA723-VT	DIODE	1	
D7601	MA4300-M	DIODE	1	
D7602, 03	1SS254	DIODE	2	
D7701	MA151WK	DIODE	1	
D7702	MA153	DIODE	1	
D7705	1SS355	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC0701	LA7576	IC	1	
IC1001	PQ20VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPC1093J	IC	1	
IC1501, 02	RP1354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3814K	IC	1	
IC3001	TDA9725V2	IC	1	[SUPPLIED FROM MBV]
IC3002	TL8850AF	IC	1	
IC3901	STV6400D	IC	1	[SUPPLIED FROM MBV]
IC4001	BA7795FS	IC	1	
IC4501	BH7803K	IC	1	[SUPPLIED FROM MBV]
IC4901	MC14052BF	IC	1	
IC4902	MC14053BF	IC	1	
IC4903	NJM4558M	IC	1	
IC6001	M3777V1CJ	IC	1	[SUPPLIED FROM MBV]
IC7301	TA9845	IC	1	
IC7302	TA8721SN	IC	1	
IC7501	M35500AFP	IC	1	[SUPPLIED FROM MBV]
IC7502	S80743AL	IC	1	
IC7503	PST7028	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	
IC7701	NJM2246M	IC	1	[SUPPLIED FROM MBV]
IC7702	SDA5650	IC	1	[SUPPLIED FROM MBV]
IC7703	M35062HWAR	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	
IC7705	M30612VCCZ	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201, 02	UNH000300A	IC PROTECTOR	2	
△ IP7601	VSF0015A025	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4902	VJS3634	21PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0704, 05	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
K2501	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K3001, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K3007, 08	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K3902	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4003, 04	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K4501, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K4902, 03	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K5501	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K6002	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K6004	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7302	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7315	ERJ3GEY0R00	M. RESISTOR CH 1/16W 3K	1	
K7316	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
K7507	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7607	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7704	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
K7804	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7806	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
L0701	VLQ0163JR12	COIL 0.12UH	1	
L0705	VLQ0163J5R6	COIL 5.6UH	1	
L0706	VLQEL05S150K	COIL 15UH	1	
L2502	VLQ0599J101	COIL 100UH	1	
L3001	VLQ0599J100	COIL 10UH	1	
L3002	VLQ0599J270	COIL 27UH	1	
L3003	VLQ0599J470	COIL 47UH	1	
L3006, 07	VLQ0599J390	COIL 39UH	2	
L3008, 09	VLQ0599J680	COIL 68UH	2	
L3010	VLQ0599J390	COIL 39UH	1	
L3013	VLQ0599J101	COIL 100UH	1	
L3014	VLQ0599J100	COIL 10UH	1	
L3015	VLQ0599J470	COIL 47UH	1	
L3016	VLQ0599J151	COIL 150UH	1	
L3017	VLQ0599J820	COIL 82UH	1	
L3018	VLQ0599J151	COIL 150UH	1	
L3019	VLQ0599J120	COIL 12UH	1	
L3020	VLQ0599J101	COIL 100UH	1	
L3021	VLQ0599J270	COIL 27UH	1	
L3022	VLQ0599J6R8	COIL 6.8UH	1	
L3024	VLQ0599J271	COIL 270UH	1	[SUPPLIED FROM MBV]
L3901-04	VLQ0599J330	COIL 33UH	4	
L4001	VLQ0599J680	COIL 68UH	1	
L4002	ELELN103JA	COIL	1	[SUPPLIED FROM MBV]
L5502	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
L7601	VLQ0599J330	COIL 33UH	1	
L7602	VLQ0599J2R7	COIL 2.7UH	1	
L7603	VLQ0599J330	COIL 33UH	1	
L7605	ELESN330KA	COIL 33UH	1	
L7611	VLQ0599J100	COIL 10UH	1	
L7701, 02	ELESE390KA	INDUCTOR 39UH	2	
L7706	ELESN270KA	INDUCTOR 27UH	1	
L7707	ELESE100KA	INDUCTOR 10UH	1	
L7708	ELESE101KA	INDUCTOR 100UH	1	
LB3001-04	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	4	
LB3006, 07	VLPO145	COIL	2	
LB3008	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
LB4901-03	VLPO147	COIL	3	
LB7501	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
LB7601	VLPO125	COIL	1	
LB7701	VLPO145	COIL	1	
LB7801	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
P1001	VJS3917A016W	CONNECTOR (FEMALE) 16P	1	
P1501	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P2501	VJP3835A012	CONNECTOR (MALE) 12P	1	
P2502	VJS3537A009G	CONNECTOR (FEMALE) 9P	1	
P3001	VJS3537A016G	CONNECTOR (FEMALE) 16P	1	
P4001	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4004	VJS3537A006G	CONNECTOR (FEMALE) 6P	1	
PK0701	VJRO816E010W	CONNECTOR (MALE) 10P	1	
PK7301, 02	VJRO777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJRO777B005W	CONNECTOR (MALE) 5P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PP7701	VJP3043G012W	CONNECTOR (MALE) 12P	1	
PP7702	VJP3043G015W	CONNECTOR (MALE) 15P	1	
PS7701	VJS3043F012W	CONNECTOR (FEMALE) 12P	1	
PS7702	VJS3043B015W	CONNECTOR (FEMALE) 15P	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR	1	
Q1001	2SD601A	TRANSISTOR	1	
Q1002	2SD602A	TRANSISTOR	1	
Q1003	2SD1996	TRANSISTOR	1	
Q1004	2SB710A	TRANSISTOR	1	
Q1005	2SD25440PQA	TRANSISTOR	1	
Q1006	2SD1996	TRANSISTOR	1	
Q1007	2SD602A-R	TRANSISTOR	1	
Q1201	2SD2259	TRANSISTOR	1	
Q1202	2SD1996	TRANSISTOR	1	
Q1501	PNB2301MBV	TRANSISTOR	1	
Q1502	PNB2301MAV	TRANSISTOR	1	
Q1503	2SD601A	TRANSISTOR	1	
Q3001, 02	2SD601A	TRANSISTOR	2	
Q3003	MSC2295-C	TRANSISTOR	1	
Q3004	2SB709A	TRANSISTOR	1	
Q3005	2SD601A	TRANSISTOR	1	
Q3008	MSC2295-C	TRANSISTOR	1	
Q3013	2SD601A	TRANSISTOR	1	
Q3014	2SB709A	TRANSISTOR	1	
Q3015	2SB709A-R	TRANSISTOR	1	
Q3017	MSC2295-C	TRANSISTOR	1	
Q3018	2SD601A	TRANSISTOR	1	
Q3019	MSC2295-C	TRANSISTOR	1	
Q3021	MSC2295-C	TRANSISTOR	1	
Q3022	2SB709A	TRANSISTOR	1	
Q3023, 24	MSC2295-C	TRANSISTOR	2	
Q3901, 02	2SD601A	TRANSISTOR	2	
Q3903	2SD1328	TRANSISTOR	1	
Q4001	2SB710-R	TRANSISTOR	1	
Q4002	2SD602A-R	TRANSISTOR	1	
Q4501	2SD601A	TRANSISTOR	1	
Q4502	2SA1515	TRANSISTOR	1	
Q4503	2SD1468	TRANSISTOR	1	
Q5502	2SD601A	TRANSISTOR	1	
Q7301	MSD601-S	TRANSISTOR	1	
Q7601	2SD601A	TRANSISTOR	1	
Q7602-05	2SD1328-S	TRANSISTOR	4	
Q7606	2SB709A	TRANSISTOR	1	
Q7701	2SB709A	TRANSISTOR	1	
Q7702, 03	2SD601A	TRANSISTOR	2	
Q7704	2SB709A	TRANSISTOR	1	
Q7705, 06	2SD601A	TRANSISTOR	2	
Q7707	2SB709A	TRANSISTOR	1	
Q7708-11	2SD601A	TRANSISTOR	4	
Q7712, 13	2SB709A	TRANSISTOR	2	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
QR1002	MUN2213	TRANSISTOR-RESISTOR	1	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR1005	MUN2213	TRANSISTOR-RESISTOR	1	
QR1501	MUN2112	TRANSISTOR-RESISTOR	1	
QR2504	MUN2213	TRANSISTOR-RESISTOR	1	
QR3001	MUN2213	TRANSISTOR-RESISTOR	1	
QR3007-09	MUN2113	TRANSISTOR-RESISTOR	3	
QR3012, 13	DTC363EK	TRANSISTOR-RESISTOR	2	
QR3014	MUN2212	TRANSISTOR-RESISTOR	1	
QR3901	MUN2212	TRANSISTOR-RESISTOR	1	
QR3903	MUN2111	TRANSISTOR-RESISTOR	1	
QR3904	MUN2212	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR4505	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1	
QR7304	MUN2213	TRANSISTOR-RESISTOR	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R0705	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R0706, 07	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	2	
R0708	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1	
R0710	ERJ6GEYJ154	M. RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	1	
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
R0718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYJ752	M. RESISTOR CH 1/10W 7.5K	1	
R0720	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R1001, 02	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	2	
R1003, 04	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	2	
R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R1006	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R1007, 08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
R1009, 10	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R1011	ERJ6GMYG823	M. RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ472	C. RESISTOR 1/4W 4.7K	1	
R1013	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R1014	ERJ6GMYG163	M. RESISTOR CH 1/10W 16K	1	
R1015	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R1016, 17	ERJ6GMYG563	M. RESISTOR CH 1/10W 56K	2	
R1018, 19	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R1022	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R1201	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1202	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R1205	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R1501, 02	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	2	
R2504	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2505	ERJ6GMYG392	M. RESISTOR CH 1/10W 3.9K	1	
R2506, 07	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2510	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R2511	ERJ6GMYG433	M. RESISTOR CH 1/10W 43K	1	
R2513	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270K	1	
R2514	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R2515, 16	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R2518	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
R2520	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1	
R2521, 22	ERDS2TJ330	C. RESISTOR 1/4W 33	2	
R2523	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1	
R2524	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2532	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3001	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R3002	ERJ6GMYG182	M. RESISTOR CH 1/10W 1.8K	1	
R3003, 04	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
R3005	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3006, 07	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	2	
R3008	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3009	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R3010	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3011	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
R3012	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R3013	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R3014	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3015	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3016	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3017	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R3018	ERJ6GMYG471	M. RESISTOR CH 1/10W 470	1	
R3019	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3020	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1	
R3021	ERJ6GMYG470	M. RESISTOR CH 1/10W 47	1	
R3024, 25	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
R3026	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3027	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3029	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3030	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R3045	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3046	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R3047	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3048	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R3049	ERJ6GMYG390	M. RESISTOR CH 1/10W 39	1	
R3050	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3051	ERJ6GMYG122	M. RESISTOR CH 1/10W 1.2K	1	
R3052	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3053	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R3057	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3058	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3060	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R3061	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3062	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3063	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R3064	ERJ6GMYG242	M. RESISTOR CH 1/10W 2.4K	1	
R3065	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3066	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R3067	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3069	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3070	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R3071	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3072	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	1	
R3073	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3075, 76	ERJ6GMYG202	M. RESISTOR CH 1/10W 2K	2	
R3077	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3078	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3079	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R3080	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3081	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3082	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3084, 85	ERJ6GMYG821	M. RESISTOR CH 1/10W 820	2	
R3086	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3087	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3088	ERJ6GEYJ223	M. RESISTOR CH 1/10W 22K	1	
R3089	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R3090	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3091	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3092	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R3093	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3095, 96	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	2	
R3097	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3113	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R3115, 16	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R3117	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R3118	ERJ6GMYG470	M. RESISTOR CH 1/10W 47	1	
R3901	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R3903, 04	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	2	
R3905, 06	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	2	
R3907, 08	VLP0147	COIL	2	
R3909	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1	
R3911	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1	
R3914	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1	
R3921	ERDS1TJ222	C. RESISTOR 1/2W 2.2K	1	
R3922	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R3923	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R3924, 25	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R3933	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4001	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4002	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4003	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4004	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4005	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1	
R4006	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4007	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4008	ERJ6GMYG391	M. RESISTOR CH 1/10W 390	1	
R4009	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R4010	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4011	ERJ6GMYJ622	M. RESISTOR CH 1/10W 6.2K	1	
R4012	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R4014	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4015	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4016	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R4017	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4018	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R4019	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4020	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4021, 22	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4023	ERJ6GMYG912	M. RESISTOR CH 1/10W 9.1K	1	
R4024, 25	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	2	
R4026	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R4028	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4029	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R4030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R4032	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R4033	ERJ6GMYG333	M. RESISTOR CH 1/10W 33K	1	
R4034	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4037	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4516	ERJ6GEYG223	M. RESISTOR CH 1/10W 22K	1	
R4517	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4519	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1	
R4520, 21	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	2	
R4522, 23	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2	
R4528	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4529	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4530	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4531	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4532	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R4533	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4534	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R4535	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4536	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4538	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4540	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R4541	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1	
R4542	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R4543	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R4544	ERJ6GEYF393	M. RESISTOR CH 1/10W 39K	1	
R4545	ERJ6GMYK225	M. RESISTOR CH 1/10W 2.2M	1	
R4548, 49	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2	
R4558-60	ERG1SJ270	M. RESISTOR 1W 27	3	
R4901, 02	VLP0147	COIL	2	
R4903-06	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	4	
R4907, 08	VLP0147	COIL	2	
R4909	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4910	ERJ6GMYG750	M. RESISTOR CH 1/10W 75	1	
R4911	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4912	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4913	ERJ6GMYG682	M. RESISTOR CH 1/10W 6.8K	1	
R4914	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4917	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R5516	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R5519	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6001	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R6002	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R6003	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	
R6008, 09	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R6010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R6012, 13	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R6015, 16	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	2	
R6017	ERJ6GMYG222	M. RESISTOR CH 1/10W 2.2K	1	
R6018	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R6019	ERJ6GMYJ106	M. RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R6026	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R6031	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6032	ERJ6GMYG393	M. RESISTOR CH 1/10W 39K	1		R7716	ERJ6GEY6331	M. RESISTOR CH 1/10W 330	1	
R6033	ERJ6GMYG273	M. RESISTOR CH 1/10W 27K	1		R7717	ERJ6GEY6102	M. RESISTOR CH 1/10W 1K	1	
R6034	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R7718	ERJ6GEY6821	M. RESISTOR CH 1/10W 820	1	
R6040	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1		R7719	ERJ6GEY6222	M. RESISTOR CH 1/10W 2.2K	1	
R6042	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R7720	ERJ6GEY6392	M. RESISTOR CH 1/10W 3.9K	1	
R6063	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1		R7722	ERJ6GEYJ112	M. RESISTOR CH 1/10W 1.1K	1	
R7302	ERJ3GEYJ113	M. RESISTOR CH 1/16W 11K	1		R7723	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1	
R7303	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1		R7726	ERJ6GEY6222	M. RESISTOR CH 1/10W 2.2K	1	
R7304	ERJ3GEY6392	M. RESISTOR CH 1/16W 3.9K	1		R7727, 28	ERJ6GEY6102	M. RESISTOR CH 1/10W 1K	2	
R7305	ERJ3GEY6562	M. RESISTOR CH 1/16W 5.6K	1		R7729	ERJ6GEY6152	M. RESISTOR CH 1/10W 1.5K	1	
R7307	ERJ3GEY6272	M. RESISTOR CH 1/16W 2.7K	1		R7730	ERJ6GEY6681	M. RESISTOR CH 1/10W 680	1	
R7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		R7731	ERJ6GEY6222	M. RESISTOR CH 1/10W 2.2K	1	
R7313	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1		R7732	ERJ6GEY6105	M. RESISTOR CH 1/10W 1M	1	
R7320	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	1		R7733	ERJ6GEY6682	M. RESISTOR CH 1/10W 6.8K	1	
R7323	ERJ3GEY6472	M. RESISTOR CH 1/16W 4.7K	1		R7734	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	1	
R7324, 25	ERJ3GEY6471	M. RESISTOR CH 1/16W 470	2		R7735	ERJ6GEYF333	M. RESISTOR CH 1/10W 33K	1	
R7326	ERJ3GEY6113	M. RESISTOR CH 1/16W 11K	1		R7736	ERJ6GEY6104	M. RESISTOR CH 1/10W 100K	1	
R7327	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	1		R7737	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1	
R7328	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		R7738	ERJ6GEY6821	M. RESISTOR CH 1/10W 820	1	
R7329	ERJ3GEY6332	M. RESISTOR CH 1/16W 3.3K	1		R7739	ERJ6GEY6512	M. RESISTOR CH 1/10W 5.1K	1	
R7330	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1		R7741	ERJ6GEY6222	M. RESISTOR CH 1/10W 2.2K	1	
R7331	ERJ3GEY6113	M. RESISTOR CH 1/16W 11K	1		R7742	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R7336	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	1		R7743	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	1	
R7337	ERJ3GEY6471	M. RESISTOR CH 1/16W 470	1		R7744	ERJ6GEYF333	M. RESISTOR CH 1/10W 33K	1	
R7345	ERJ3GEY6182	M. RESISTOR CH 1/16W 1.8K	1		R7745	ERJ6GEY6153	M. RESISTOR CH 1/10W 15K	1	
R7352, 53	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2		R7746	ERJ6GEY6221	M. RESISTOR CH 1/10W 220	1	
R7354, 55	ERJ3GEY6102	M. RESISTOR CH 1/16W 1K	2		R7747	ERJ6GEY6104	M. RESISTOR CH 1/10W 100K	1	
R7358, 59	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2		R7748	ERJ6GEYJ224	M. RESISTOR CH 1/10W 220K	1	
R7362, 63	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2		R7749	ERJ6GEY6104	M. RESISTOR CH 1/10W 100K	1	
R7501	ERDS2TJ5R6	C. RESISTOR 1/4W 5.6	1		R7750	ERJ6GEYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R7502, 03	ERJ6GMYG202	M. RESISTOR CH 1/10W 2K	2		R7752	ERJ6GEY6273	M. RESISTOR CH 1/10W 27K	1	
R7505	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1		R7753	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R7506-08	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	3		R7754	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R7509	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1		R7755	ERJ6GEY6223	M. RESISTOR CH 1/10W 22K	1	
R7510	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1		R7756	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	1	
R7511	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1		R7757	ERJ6GEY6103	M. RESISTOR CH 1/10W 10K	1	
R7512	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1		R7759-64	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	6	
R7514	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1		R7766, 67	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	2	
R7515	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1		R7768	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R7516	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1		R7769	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R7517	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	1		R7770	ERJ6GEY6332	M. RESISTOR CH 1/10W 3.3K	1	
R7520, 21	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	2		R7771	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	1	
R7523-25	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	3		R7774-78	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	5	
R7527	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1		R7779, 80	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R7528	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R7781	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R7533	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	1						
R7534	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1		S1501	VSS0520	MODE SELECT SWITCH	1	
R7535	ERJ6GMYG332	M. RESISTOR CH 1/10W 3.3K	1		S7503, 04	EVQ11L07B	SWITCH	2	
R7601, 02	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2		S7505	VES0834	S-TAB SWITCH	1	
R7603	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		S7506, 07	EVQ11L07B	SWITCH	2	
R7605, 06	ER62SJ331	M. RESISTOR 2W 330	2		S7509-11	EVQ11L07B	SWITCH	3	
R7607, 08	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2						
R7609, 10	ERJ6GMYG151	M. RESISTOR CH 1/10W 150	2		T0703	EQV5E6071A	TRANSFORMER	1	
R7611	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		T0704	EQV5E6072A	TRANSFORMER	1	
R7612	ERJ6GMYG561	M. RESISTOR CH 1/10W 560	1		T4001	EQQ7QF024P	TRANSFORMER	1	
R7613, 14	ERJ6GMYG101	M. RESISTOR CH 1/10W 100	2		T7301	EQR7QG028P	TRANSFORMER	1	
R7618	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		T7304	EIS5E0017A	TRANSFORMER	1	
R7619	ERJ6GMYG100	M. RESISTOR CH 1/10W 10	1		T7305	EQS5E6033A	TRANSFORMER	1	
R7620	ERDS2TJ471	C. RESISTOR 1/4W 470	1						
R7621	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		△ TU7601	EN64727961	TUNER	1	[SUPPLIED FROM MBV]
R7622	ERJ6GMYG104	M. RESISTOR CH 1/10W 100K	1						
R7624	ERDS2TJ182	C. RESISTOR 1/4W 1.8K	1		VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
R7701	ERJ6GEY6105	M. RESISTOR CH 1/10W 1M	1		VR3002, 03	EVNCAAA03B23	V. RESISTOR 2K	2	
R7702	ERJ6GEY680	M. RESISTOR CH 1/10W 68	1		VR3004, 05	EVNCAAA03B52	V. RESISTOR 500	2	
R7703	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1		VR7301	EVNCBAA00B53	V. RESISTOR 5K	1	
R7704	ERJ6GEY6105	M. RESISTOR CH 1/10W 1M	1						
R7705	ERJ6GEY6222	M. RESISTOR CH 1/10W 2.2K	1		X0701	VLF1416	FILTER	1	[SUPPLIED FROM MBV]
R7706	ERJ6GEY6564	M. RESISTOR CH 1/10W 560K	1		X0703	EFCSS5R5MHW5	CERAMIC FILTER	1	
R7707	ERJ6GEY6104	M. RESISTOR CH 1/10W 100K	1		X0704	VLF1368	FILTER	1	
R7708	ERJ6GEY6682	M. RESISTOR CH 1/10W 6.8K	1		X3001	VSX0162	CRYSTAL OSCILLATOR	1	
R7709	ERJ6GEYJ125	M. RESISTOR CH 1/10W 1.2M	1		X6001	VSX0830	CRYSTAL OSCILLATOR	1	
R7710	ERJ6GEY6682	M. RESISTOR CH 1/10W 6.8K	1		X6002	VSX0660	CRYSTAL OSCILLATOR	1	
R7711	ERJ6GEYJ125	M. RESISTOR CH 1/10W 1.2M	1		X7301	EFCSS5R5MS5	CERAMIC FILTER	1	
R7712	ERJ6GEY6101	M. RESISTOR CH 1/10W 100	1		X7304	EFCSS5R74MS5B	CERAMIC FILTER	1	
R7713-15	ERJ6GEY6102	M. RESISTOR CH 1/10W 1K	3		X7305	VSX0648	CRYSTAL OSCILLATOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
X7701	VSX0934	CERAMIC OSCILLATOR	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VXQ0648	FIP HOLDER	1	
	VMP4894	SUPPORT ANGLE	1	FOR DECODER PACK C. B. A.
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODULATOR C. B. A.
	■ VEPO5361A	HEAD AMP C. B. A.		[SUPPLIED FROM MBV] (RTL)
C501-04	EGUM1E104KBN	C. CAPACITOR CH 25V 0.1U	4	
C505	EGUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C506	EGUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C507	EGUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C508	EGUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C509	EGUM1H681KBN	C. CAPACITOR CH 50V 680P	1	
C510	EGUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C511	EGUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C512	EGUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C513	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C514	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C515, 16	EGUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C517	EGUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C518	EGUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C519	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
IC501	AN3369SB	IC	1	
L501, 02	VLQ0599J680	COIL 68UH	2	
LB501-04	VLP0145	COIL	4	
P501	VJS3537B0168	CONNECTOR (FEMALE) 16P	1	
P502	VJS3958	CONNECTOR (FEMALE) 11P	1	[SUPPLIED FROM MBV]
R502	ERJ66MYG101	M. RESISTOR CH 1/10W 100	1	
R503	ERJ3RED150	M. RESISTOR CH 1/16W 15	1	[SUPPLIED FROM MBV]
R504	ERJ66MYG101	M. RESISTOR CH 1/10W 100	1	
		MISCELLANEOUS		
	VSC4563	SHIELD CASE (TOP)	1	
	VSC4792	SHIELD CASE (BOTTOM)	1	[SUPPLIED FROM MBV]
△	■ VEPO1826B	POWER C. B. A.		[SUPPLIED FROM MBV] (RTL)
△ C1101	ECKMWS102MEF	C. CAPACITOR 1000P	1	
C1102	EQV1H104JM	P. CAPACITOR 50V 0.1U	1	
△ C1103, 04	ECKMWS102MEF	C. CAPACITOR 1000P	2	
C1105	EEUFA1A122	E. CAPASITOR 10V 1200U	1	
C1106	EQGE6104KF	P. CAPACITOR 630V 0.1U	1	
C1108	ECCD3A470KGE	C. CAPACITOR 1KV 47P	1	
C1109	ECKD2H103PU	G. CAPACITOR 500V 0.01U	1	
C1110	ECEA0JGE331	E. CAPACITOR 6.3V 330U	1	[SUPPLIED FROM MBV]
C1111	ECKF1H102KB	G. CAPACITOR 50V 1000P	1	
C1112	EQQB1H822JF	P. CAPACITOR 50V 8200P	1	
C1114	EGA1VGE470X	E. CAPACITOR 35V 47U	1	
C1116	ECKD2H101KB	C. CAPACITOR 500V 100P	1	
C1117	ECEA1AGE331	E. CAPACITOR 10V 330U	1	
△ C1118, 19	ECQU2A104MVA	P. CAPACITOR 250V 0.1U	2	
C1120	ECEG26G330	E. CAPACITOR 400V 33U	1	
C1131	EEUFA1E681	E. CAPASITOR 25V 680U	1	
C1132	EEUFA1E331	E. CAPACITOR 25V 330U	1	
C1133	ECKD2H101KB	G. CAPACITOR 500V 100P	1	
C1134	EEUFA1A122	E. CAPASITOR 10V 1200U	1	
C1135	ECEA1AGE331	E. CAPACITOR 10V 330U	1	
C1137	ECEA1JGE470	E. CAPACITOR 63V 47U	1	
C1138	ECKF1H103ZF	G. CAPACITOR 50V 0.01U	1	
C1139	ECKD2H101KB	G. CAPACITOR 500V 100P	1	
C1140	ECEA1HGE101	E. CAPACITOR 50V 100U	1	
C1141	ECKF1H103ZF	C. CAPACITOR 50V 0.01U	1	
C1142	ECKD2H101KB	G. CAPACITOR 500V 100P	1	
C1143	EGA1AFZ331	E. CAPACITOR 10V 330U	1	
C1144, 45	EQQB1H103JF	P. CAPACITOR 50V 0.01U	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D1102	S1WBA60S	DIODE	1	
D1103	AP01C	DIODE	1	
D1104	MA185	DIODE	1	
D1105	MA700	DIODE	1	
D1106	MA4220-H	DIODE	1	
D1107	1SS254	DIODE	1	
D1109, 10	ERA15-08	DIODE	2	
D1113, 14	RK36	DIODE	2	
D1118	RD100E	DIODE	1	
D1121	RL2ZP	DIODE	1	
D1123, 24	ERA22-04	DIODE	2	
D1125	11EQS04	DIODE	1	
D1130	MA7300B	DIODE	1	
△ F1101	XBA2G16TH15	FUSE	1	
IC1101	STRM6559LF	IC	1	
IC1102	UPC1093J	IC	1	
△ IP1101	VSF0015A10	IC PROTECTOR	1	
L1101	VLQ0655K220	COIL 22UH	1	
△ L1107	ELF15N005A	LINE FILTER	1	[SUPPLIED FROM MBV]
△ L1108	ELF17N004A	LINE FILTER	1	[SUPPLIED FROM MBV]
L1121, 22	VLQ0655K220	COIL 22UH	2	
L1123, 24	ELESE101KA	INDUCTOR 100UH	2	
LB1105	VLP0074	COIL	1	
△ P1101	VJS3306	AC INLET	1	
P1103	VJP3917A016G	CONNECTOR (MALE) 16P	1	
△ Q1111	GNX82A5387	PHOTO COUPLER	1	[SUPPLIED FROM MBV]
R1101	ERDS2TJ561	G. RESISTOR 1/4W 560	1	
R1102	ERG1SJ393	M. RESISTOR 1W 39K	1	
R1105	ERDS1TJ395	G. RESISTOR 1/2W 3.9M	1	
R1106	ERDS1TJ475	G. RESISTOR 1/2W 4.7M	1	
R1107	ERDS2FJ224	G. RESISTOR 1/4W 220K	1	
R1108	ERDS2FJ101	G. RESISTOR 1/4W 100	1	
R1109	ERDS2FJ152	G. RESISTOR 1/4W 1.5K	1	
R1110	ERDS2FJ103	G. RESISTOR 1/4W 10K	1	
R1111	ERDS2FJ181	G. RESISTOR 1/4W 180	1	[SUPPLIED FROM MBV]
R1112	ERDS2FJ331	G. RESISTOR 1/4W 330	1	
R1113	ERX1SJ1R0	M. RESISTOR 1W 1.0	1	
R1114	ERDS2FJ332	G. RESISTOR 1/4W 3.3K	1	
R1115	ERDS2FJ330	G. RESISTOR 1/4W 33	1	[SUPPLIED FROM MBV]
R1116	ERDS2TJ272	G. RESISTOR 1/4W 2.7K	1	
R1119	ERDS2TJ822	G. RESISTOR 1/4W 8.2K	1	
R1120, 21	EROS2CGK2701	M. RESISTOR 1/4W 2.7K	2	
△ R1122	ERG12AGM334	S. RESISTOR 1/2W 330K	1	
R1125	ERDS2TJ271	G. RESISTOR 1/4W 270	1	
S7511-14	EVQ11L07B	SWITCH	4	
△ T1101	VLT0921	TRANSFORMER	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VSC4205	SHIELD COVER	1	
	VMP5133	INLET ANGLE	1	
	VHD0418	SCREW	1	
	EYF52BC	FUSE HOLDER	2	
△	VMZ2378	BARRIER	1	
△	VMZ2212	CAPACITOR COVER	2	
	■	CYLINDER STATOR C. B. A.		(RTL)
		MISCELLANEOUS		
	HW-300A-CF	HALL IC	1	
	VJS3537B009G	CONNECTOR (FEMALE) 9P	1	

**INTERNAL REFERENCE CODE**

NOTE: This chart is only for internal reference.  
Do not order any parts according to these codes.

<b>P.C.B.</b>	<b>FILM CODE</b>
MAIN SYUGO(MAIN/HEAD AMP)	HOAO00-0494A
POWER	HOAO00-01826
OSD	HOAO00-07974
NICAM DECODER(B/BL/EC)	HOAO00-07973
DECODER(EG)	HOAO00-07801
TV DEMODU	HOAO01-07784
CYLINDER DRIVE	HOAO01-00V01

**Panasonic**  
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