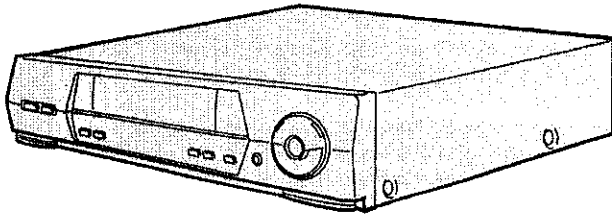


Service Manual

Video Cassette Recorder

Panasonic VHS
PAL
Hi-Fi HQ



NV-HD636EG/B/EC
NV-HD640EG/B/EC/
EG-K/B-K/BL-K/EC-K
NV-HD645EG/B/EC/EG-K
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-HD636EG, HD640EG, HD645EG) 21 watts (NV-HD636B/EC, HD640B/EC/BL, HD645B/EC)			INPUT: EURO AV (AV1, AV2) Connector (21 pin) More than -6dBV (500 mV), 10 k Ω AUDIO IN (AV3: FRONT) Connector More than -6dBV (500 mV), 10 k Ω (NV-HD645EG/B/EC)	
RECORDING SYSTEM	2 rotary heads, helical scanning system PAL			OUTPUT: AUDIO OUT Connector (Phono type) -6 dBV (500mV), Less than 1k Ω EURO AV (AV1, AV2) Connector (21 pin) -6 dBV (500mV), Less than 1k Ω	
TV TUNER SYSTEM	NV-HD638EG/EC, HD640EG/EC, HD645EG/EC	VHF: CHE2-CHE12 CHA-CHH2 (ITALY) (PAL/SECAM B) UHF: CH21-CH69 (PAL/SECAM G) CATV: CHS01-CHS41 (PAL/SECAM B) 75 Ω terminated	TAPE SPEED	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: 60 sec. with 180 min. type tape	
	NV-HD636B, HD640B, HD645B	UHF: CH21-CH68 (PAL I) 75 Ω terminated		OPERATING TEMPERATURE	5°C - 40°C
	NV-HD640BL	VHF: CHA-CHJ (PAL I) UHF: CH21-CH69 (PAL I) CATV: 104 MHz-470 MHz (PAL I) 75 Ω terminated		OPERATING HUMIDITY	35% - 80%
RF OUT SYSTEM	NV-HD636EG/EC, HD640EG/EC, HD645EG/EC	UHF: CH21-CH69 (PAL/SECAM G) 71 \pm 3 dB μ , 75 Ω terminated	DIMENSIONS	430 (W) \times 87(H) \times 300(D) mm	
	NV-HD636B, HD640B/BL, HD645B	UHF: CH21-CH68 (PAL I) 71 \pm 3 dB μ , 75 Ω terminated	WEIGHT	4.0 kg	
VIDEO	HEADS: 4 rotary heads 1 pair for recording and playback (L-R heads) 1 pair for trick play (L'-R' heads)		STANDARD ACCESSORIES	1 pc. DIN-RF Cable 1 pc. AC Mains Lead 1 pc. Infra-res Remote Controller	
	INPUT: EURO AV (AV1, AV2) Connector (21 pin) 1.0 Vp-p, 75 Ω unbalanced VIDEO IN (AV3: FRONT) Connector 1.0 Vp-p, 75 Ω unbalanced (NV-HD645EG/B/EC)				
	OUTPUT: EURO AV (AV1, AV2) Connector (21 pin) 1.0 Vp-p, 75 Ω unbalanced				

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

Panasonic

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⚠ 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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1 INTRODUCTION

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

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)

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

Model No.	Indication Mark
NV-HD636EG, NV-HD640EG	(A)
NV-HD636B, NV-HD640B	(B)
NV-HD636EC, NV-HD640EC	(C)
NV-HD640BL	(D)
NV-HD645EG	(E)
NV-HD645B	(F)
NV-HD645EC	(G)

2 GENERAL DESCRIPTIONS

2.1. SERVICE INFORMATION

2.1.1. CHANNEL MEMORY IC INITIALIZATION

When replacing the Memory IC7801 and/or Oscillator X6001, Memory IC7801 has to be initialized due to the setting value changes.

Note:

1. When replacing the memory IC7801, the OSD microprocessor IC7703 should be replaced together.

2. It has to be performed before tuning.
3. Meaning of "MEMORY IC INITIALIZATION" is to make dependency in different models and to distinguish between different features.
4. 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)
Set the Model Code and Option Code by pressing 10-key or [RIGHT] [LEFT] [UP] [DOWN] keys on the Remote Controller Unit. (See Fig.S2)		Service Screen (See Fig.S1)
To release Service Mode, press the POWER key and then press the FF and EJECT keys simultaneously 6 times until the normal indication on the FIP.		None

Service		
	Version	
OSD	VGDX0.12	0
MAIN	VFDU0.00	0
Pos for time ref.	NONE	
Last error code:	00	
Model Code	96 (60h)	
Option Code1	136 (88h)	
Option Code2	64 (40h)	
Clock adjust	+ 0	
VPS/PDC default	AUTO (depend)	

Model No.	Model Code	Option Code 1	Option Code 2
NV-HD636EG	96	140	64
NV-HD636B	104	164	64
NV-HD636EC	100	140	64
NV-HD640EG	96	136	64
NV-HD640B	104	160	64
NV-HD640EC	100	136	64
NV-HD640BL	108	160	64
NV-HD645EG	97	8	64
NV-HD645B	105	32	64
NV-HD645EC	101	8	64

Fig. S Model Code & Option Code

Fig.S1 Service Secreen (sample)

2.1.2. 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 connect the Extension Cable (VFK2744) between the POWER C.B.A. connector (P1103) and the MAIN C.B.A. connector (P1001) as shown in Fig.S3.

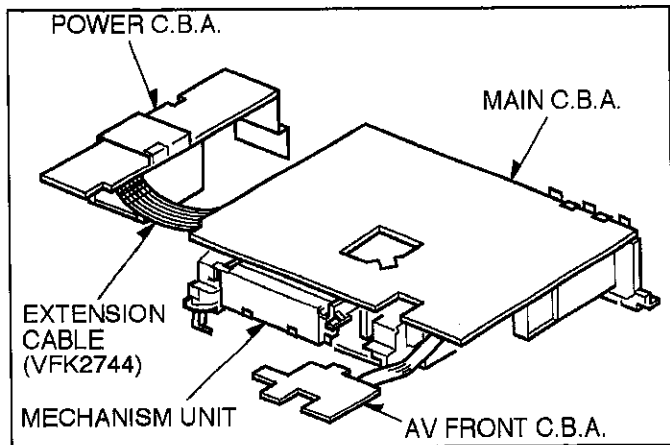


Fig. S3

2.1.3. CYLINDER UNIT REPLACEMENT

1. CYLINDER UNIT REPLACEMENT

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

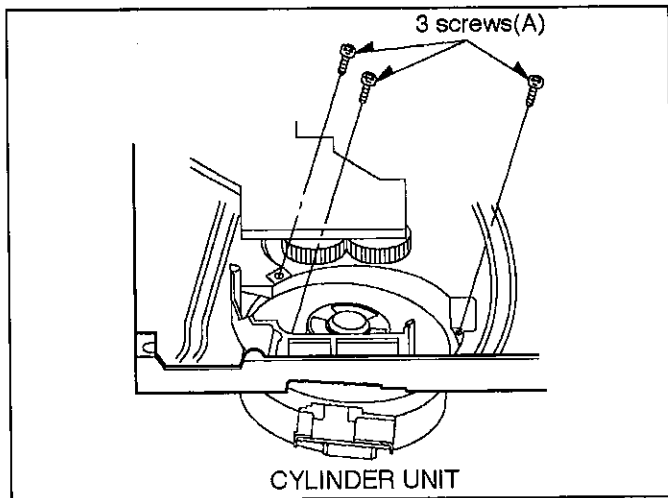


Fig. S4

2. UPPER CYLINDER DISASSEMBLY

- a. Remove 2 screws (A).
- b. Remove the Cylinder Stator Unit.

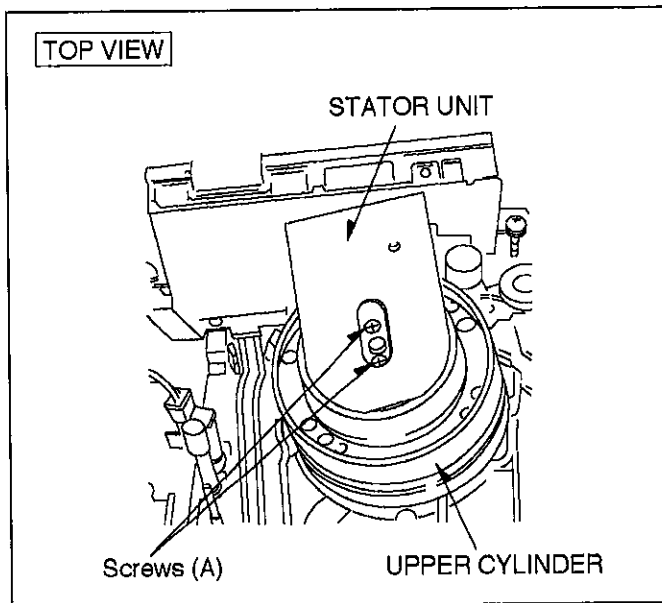


Fig. S5

- c. Remove 2 screws (B).
- d. Remove the Cylinder Rotor Unit.

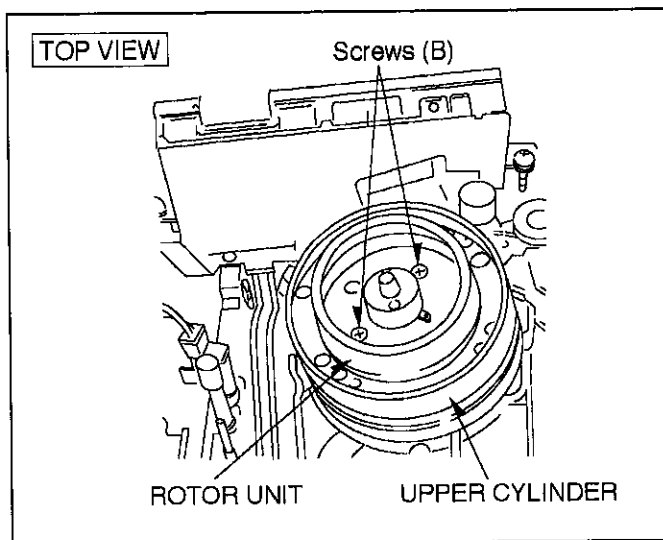


Fig. S6

- e. Loose hex screw (C) (1.5mm) and remove the Cylinder Retainer.
- f. Remove the Upper Cylinder.

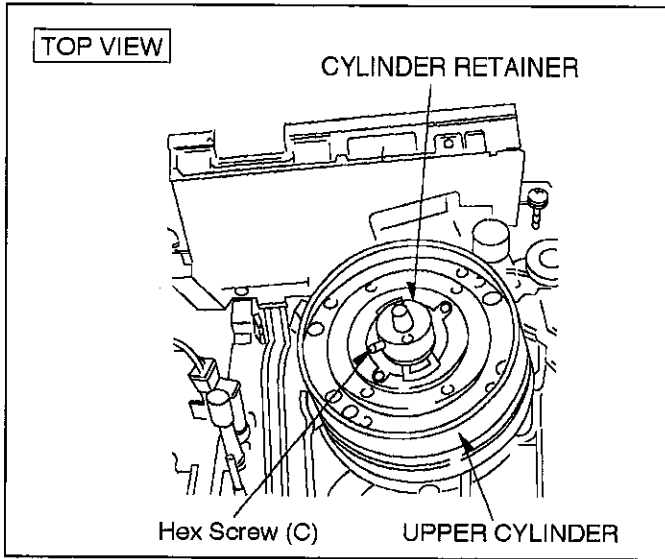


Fig. S7

3. UPPER CYLINDER ASSEMBLY

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

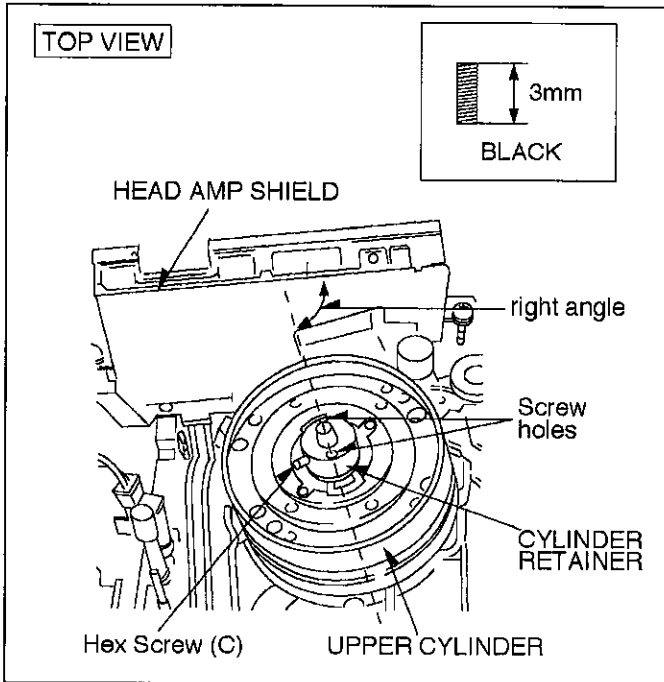


Fig. S8

- c. 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.
- d. Tighten 2 screws (B).

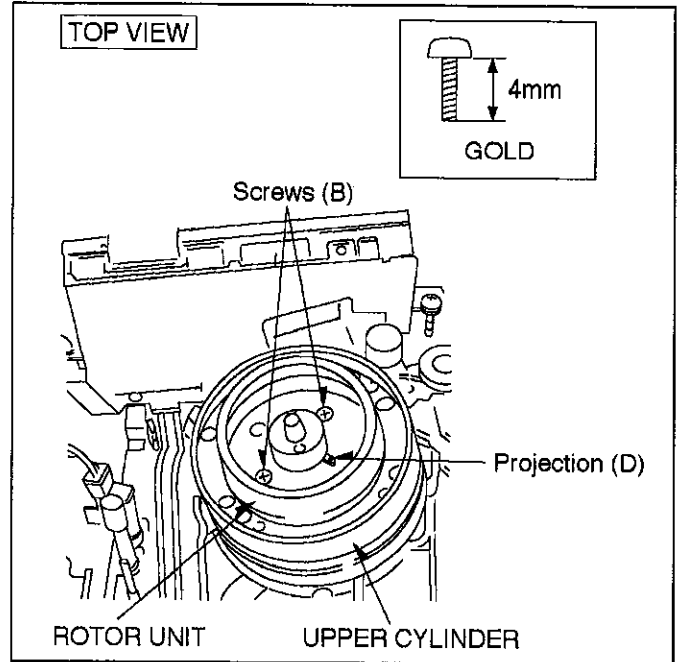


Fig. S9

- e. Install the Cylinder Stator Unit so that the rear side of the Cylinder Stator C.B.A. is parallel with the Head Amp Shield.
- f. Tighten 2 screws (A).
- g. Confirm the PG SHIFTER ADJUSTMENT with the alignment tape (PAL: VFJ8125H3F/NTSC: VFM8080HQFP) and adjust it if necessary.

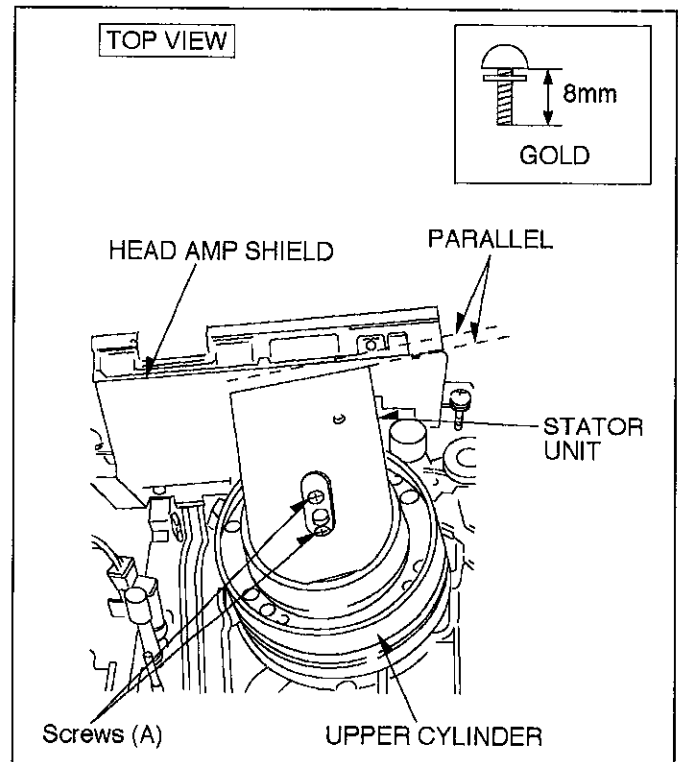


Fig. S10

2.1.4. FLAT CARD CABLE INSTALLATION

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

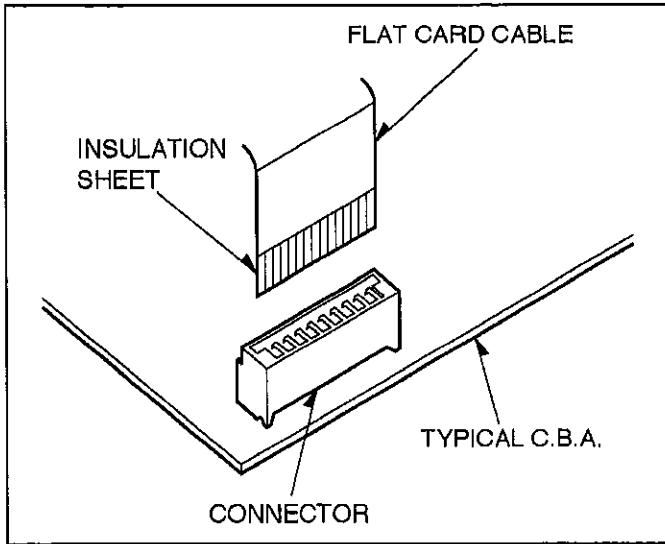


Fig. S11

2.2. REMOVAL OF CASSETTE TAPE

There are 2 ways to remove a cassette tape.

1. Service Information Display Operation

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

2. Manual Operation

- a. Disconnect the AC Mains Lead and remove the Top Panel.
- b. Rotate the Main Cam Gear clockwise until the Loading Posts move to fully unloaded position as shown in Fig.S12. (Tape is remaining)

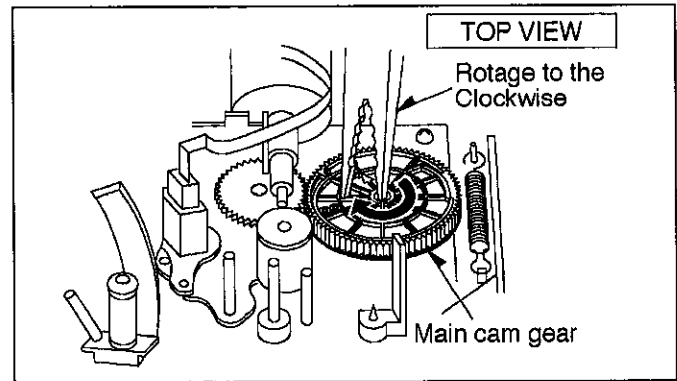


Fig. S12

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

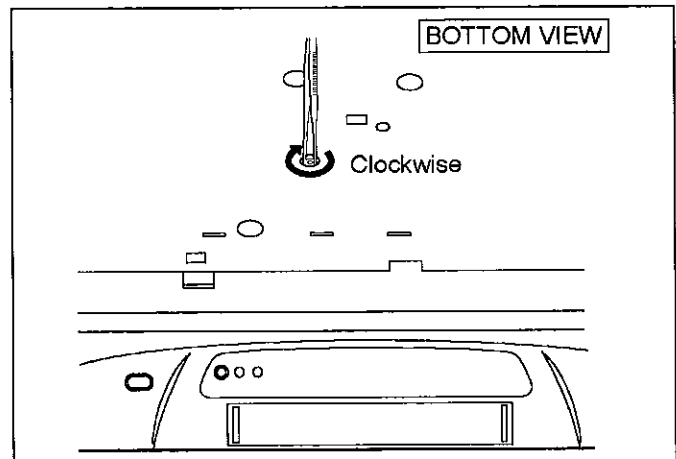


Fig. S13

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



2.3. CAUTION FOR AC MAINS LEAD (NV-HD636B, HD640B/BL, HD645B)

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 .

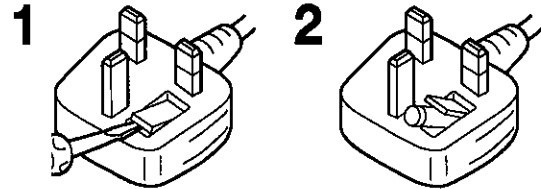
How to replace the Fuse

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

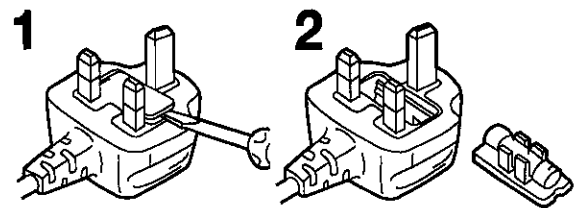
1 Open the fuse compartment with a screwdriver.

2 Replace the fuse and fuse cover.

TYPE A



TYPE B



2.4. INTRODUCTION OF VIDEO CLEANING TAPE (Polishing type)

< Strong weapon for Video Head cleaning >

1. Purpose

To improve the efficiency of the Video Head cleaning service and shortening cleaning time for repair technicians. It is exclusive cleaning tape removing the hard and sticky clogging on Video Heads, without removing the casing part.

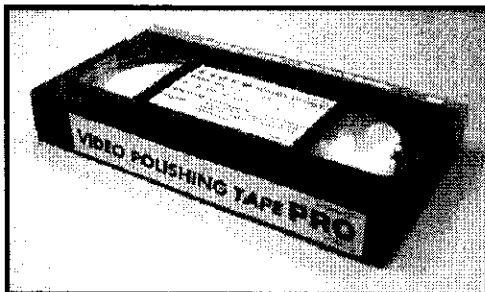
2. Feature

Shortening 30% of Video Head cleaning process.

Remove the clog by short time : 10 seconds / one cleaning procedure.

3. Specifications

Part No.	VFK0923FT
Tape Length	20m/ 10 minutes
Using Time / one cleaning	10 seconds
Total number of using times	180 times



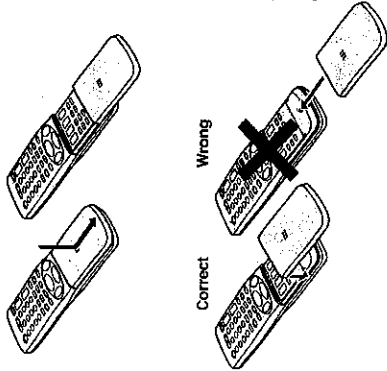
Caution:

Please do not apply this Polishing Tape more than 10 seconds/ one cleaning procedure.

3 OPERATING INSTRUCTIONS

Preparing the Remote Control

To Open the Sliding Cover of the Remote Control
Slide the cover downward while pressing down on the protruding parts.

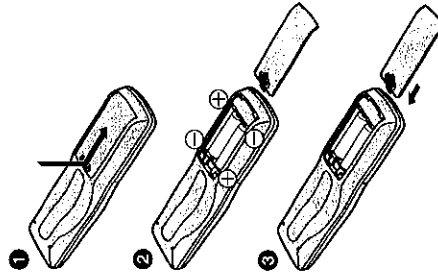


If the Sliding Cover of the Remote Control Becomes Detached
If the sliding cover of the remote control becomes detached accidentally, fit it securely in place by placing it on the top of the remote control at the position shown in the illustration on the left, and pushing it down until it clicks into position.

- It is not possible to fit the sliding cover in place by pushing or sliding it on from the bottom end of the remote control.

Inserting Remote Control Batteries

- Slide off the battery cover.
- Insert the batteries with the polarity (+ and -) correctly aligned.
- Replace the battery cover.

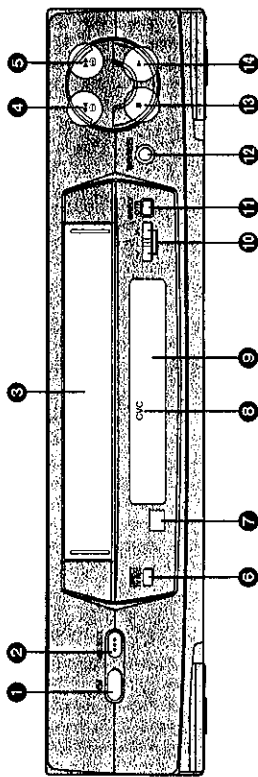


Notes for Battery Replacement:

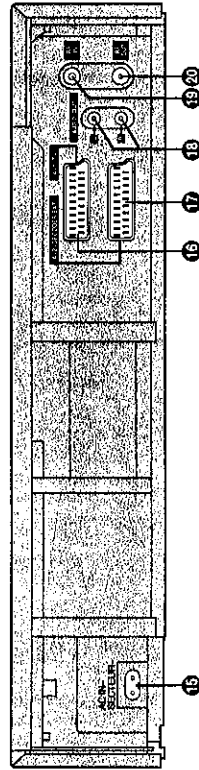
- The service life of the batteries is approximately 1 year. However, it varies considerably depending on the frequency of use.
- When they are exhausted, replace them with two AA, UM3, or P6 size batteries.
- When the batteries are exhausted, remove them immediately and dispose of them correctly.
- Make sure that the batteries are inserted with the polarity (+ and -) correctly aligned.
- Do not mix old batteries with new batteries.
- Do not mix different battery types, i.e. Alkaline and Manganese.
- Do not use rechargeable (Ni-Cd) batteries.
- Do not heat or short-circuit the batteries.
- When you do not use the remote control for a long time, take out the batteries and store them in a cool, dry place.

Controls and Components (VCR)

The ☞ mark indicates pages with additional information.

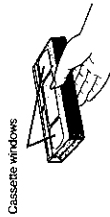
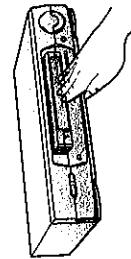


- Power button (⏻) (☞ 22)
- Cassette Eject button (EJECT) (☞ 25)
- Cassette compartment
- Rewind/Review button (⏮) (☞ 23)
- Fast Forward/Cue button (⏭) (☞ 23)
- Direct TV Recording button (DIRECT TV REC) (☞ 27)
- Infra-red Remote Control Receiver window
- Crystal View Control Indicator (CVC) (☞ 50)
- VCR display
- Channel buttons (V^) (☞ 26)
- Recording/One-Touch Recording button (REC/OTR) (☞ 26, 34)
- Timer Recording button (TIMER REC) (☞ 29)
- Stop button (■) (☞ 22)
- Play button (▶) (☞ 22)



- AC Input socket (AC IN -) (☞ 12)
- AV1 21-pin Scart socket [AV1 (TV)] (☞ 12)
- AV2 21-pin Scart socket [AV2 (DECODER/EXT)] (☞ 37)
- Audio Output sockets (AUDIO OUT) (☞ 37)
- Aerial Input socket (RF IN) (☞ 12)
- Aerial Output socket (RF OUT) (☞ 12)

Inserting a Cassette

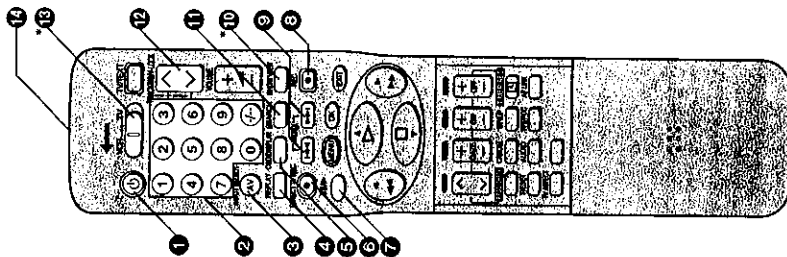


Insert the cassette with the window side facing upward.

Controls and Components (Remote Control)

VCR Operation

When you want to operate the VCR, set the VCR/TV switch to "VCR". Controls marked with an asterisk (*) are further explained at the bottom of the page.



- 1 Power button (⏻) (☞ 22)
- *2 Numeric buttons
- 3 Input Select button (INPUT SELECT) (☞ 36)
- 4 Replay button (REPLAY) (☞ 24)
- 5 On Screen Display/Display button (OSD/DISPLAY) (☞ 27)
- 6 Direct TV Recording button (DIRECT TV REC) (☞ 27)
- 7 Pause/Slow button (|||/⏪) (☞ 22)
- 8 Recording button (REC) (☞ 26)
- 9 Index buttons (INDEX) (☞ 35)
- *10 Show view Programming button (SHOWVIEW) (☞ 30)
- 11 Search button (SEARCH) (☞ 34)
- 12 Channel button (V^) (☞ 26)
Tracking/Vertical-Lock button (TRACKING-V-LOCK) (☞ 52)
- *13 VCR/TV switch
- 14 Infra-red transmitter

Hints:

*2 Numeric buttons

To select the programme positions (1-99) of the VCR.

Example:

9: 9

19: 4 - 1 - 9

To enter a ShowView number.

To enter numbers for various settings.

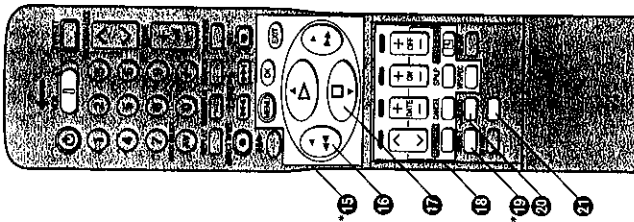
*10 SHOW VIEW Programming button (SHOW VIEW)

Use this button when you want to programme timer recordings using the ShowView number. For this convenient programming method, you use the individual numbers which are assigned to each TV programme and listed in newspapers and magazines.

*13 VCR/TV switch

If you set this switch to TV, you can use this remote control to turn your TV on or off, select TV/AV Input, and operate other TV functions. (See page 9.)
When you want to operate the VCR, set this switch to "VCR". The initial setting is "VCR".

Controls marked with an asterisk (*) are further explained at the bottom of the page.



- *15 On Screen Display Menu Operation buttons (☞ 39)
Menu button (MENU)
OK button (OK)
Exit button (EXIT)
Cursor buttons (▲ ▼ ◀ ▶)
- 16 Rewind button (◀) (☞ 23)
- 17 Stop button (□) (☞ 22)
- 18 Timer Recording Operation buttons (☞ 28, 29)
Channel button (V^)
Date button (DATE)
Starting Time button (ON)
Ending Time button (OFF)
Programme/Check button (PROG./CHECK)
Cancel button (CANCEL) (☞ 33)
Standard Play/Long Play button (SP/LP)
Timer Recording button (TIMER REC)
Video Programme System/Programme Delivery Control button (VPS/PDC) (☞ 32)
- *19 Tape Counter Reset button (RESET)
- 20 Audio button (AUDIO) (☞ 46)
- 21 This button does not operate any function on this VCR.

Hints:

*15 On Screen Display Menu Operation buttons

You can display menus with the timer programmings and operations for timer recording as well as other settings on the TV screen and operate them using the following buttons:

Menu button (MENU): To display the OSD Main menu on the TV screen.
To return to the previous menu.
To confirm and accept the settings.

OK button (OK): To exit the OSD.

Cursor buttons (▲ ▼ ◀ ▶): To select an item.

These buttons also function for playback, stop, rewinding and fast-forwarding.

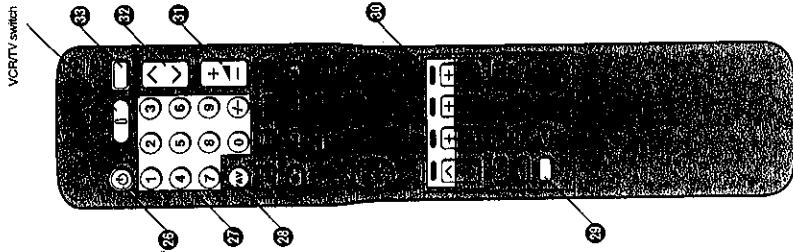
*19 Tape Counter Reset button (RESET)

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.

TV Operation

Only Panasonic TVs can be operated with the provided remote control.

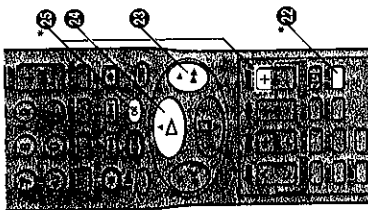
The explanations below show you what functions individual buttons have when the VCR/TV switch is set to "TV". The control marked with an asterisk (*) is further explained at the bottom of the page.



- *25 Power button (⏻)**
To switch the TV on from standby mode (OFF) or vice versa.
- 26 Numeric buttons**
To select the programme positions (1-99) on the TV.
- 27 AV button (AV)**
To select the desired AV input on the TV.
- 28 TV Screen Format button (TV ASPECT)**
To switch the screen format between the wide-screen and other formats.
- 29 Teletext buttons**
If your TV is equipped for teletext reception, you can use these buttons to change the teletext information displayed on the screen and select desired information. For details, refer to your TV's operating instructions.
- 30 Volume button (↔)**
To adjust the volume of the TV.
- 31 Channel button (↔)**
To select the desired programme position (TV station) on the TV.
- 32 TV/Text button (TV/TEXT)**
To switch between normal TV mode and teletext mode.

Hint:
25 Power button (⏻)
 On some TVs it is only possible to switch the TV to standby mode (OFF) with this button, but not on. In this case, try to turn the TV on with one of the following buttons:
 Numeric buttons
 AV button (AV)
 Channel button (↔)

Controls marked with an asterisk (*) are further explained at the bottom of the page.



- *25 AV Link button (AV LINK)
- *26 Fast Forward button (▶▶) (⏩ 23)
- *27 Play button (▶) (⏪ 22)
- *28 Child Lock Function buttons

Hints:

***25 AV Link button (AV LINK)**
 If the VCR is connected to the TV via a 21-pin Scart cable, you can use this button to switch the TV from normal TV reception over to the video playback channel (AV input) (and vice versa). In the VCR mode (when the VCR indication in the VCR display is lit), the TV is switched to the video playback channel (AV input). In the TV mode (when the VCR indication is not lit), the TV is switched to TV reception.

	VCR	TV
VCR Mode	VCR indication is lit.	AV Input is selected.
TV Mode	VCR indication is not lit.	TV reception is selected.

- When you press the MENU button to display the menu on the TV screen, the TV is also automatically switched to the VCR mode, however, the VCR indication does not appear in this case.
- When you start playback on the VCR, the TV is automatically switched to the VCR mode. However, during playback, it is not possible to switch the TV back to the TV mode.
- If a Play TV station has been selected on the VCR when you switch to the TV mode, the picture on the TV is scrambled when you select a Play TV station on the TV. In this case, either switch to the VCR mode or select the AV input on the TV.

***26 Child Lock Function buttons**
(Convenient function to prevent unauthorized use)
 This function deactivates all buttons on the VCR and the remote control. Use this function, when you do not want other people to operate the VCR.

To Activate the Child Lock Function:

- 1 Set the VCR/TV switch to "VCR".
- 2 Hold down the OK and the OFF (+) buttons simultaneously until the "▶<" hold" indication appears in the VCR display.
- If you press a button while the Child Lock function is on, the "▶<" hold" indication appears in the VCR display to inform you that no operation is possible.



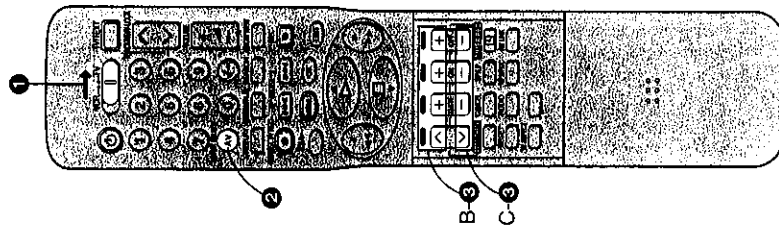
Indication when the Child Lock function is activated

To Cancel the Child Lock Function:

- 1 Hold down the OK and the OFF (+) buttons simultaneously until the "▶<" hold" indication disappears.
- If you disconnect the power cable, the Child Lock function is automatically cancelled after the power backup time of approximately 60 minutes has elapsed.

Using the Remote Control to Operate Your TV

Only Panasonic TVs can be operated with the provided remote control. The settings for operating the TV with the remote control have already been made. No additional settings need to be performed. However, some Panasonic TVs cannot be operated using this remote control.



The 3 Methods for Switching to the AV Input on Your Panasonic TV

Your Panasonic TV uses one of three different methods for switching between TV reception and the AV input(s). Perform the operations steps listed for the switching methods A, B and C below to determine which one your Panasonic TV uses.

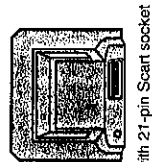
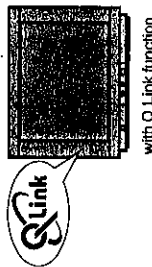
- A**
 - 1 Set the VCR/TV switch to "TV".
 - 2 Press the AV button to switch to the AV input. Each press of the AV button switches between "TV reception" and "AV Input(s)".
- B**
 - 1 Set the VCR/TV switch to "TV".
 - 2 Press the AV button. Colour bars for selecting the AV input appear on the TV screen.
 - 3 Follow the instructions displayed on the TV screen to select the desired AV input from the displayed colour bars for the AV input by pressing the corresponding colour button: ^ (red), DATE+ (green), ON+ (yellow) or OFF+ (blue) on the remote control.
- C**
 - 1 Set the VCR/TV switch to "TV".
 - 2 Press the AV button. The last previously selected AV input indication appears on the TV screen. The indications for selecting another AV input also appear, but they disappear a few seconds later.
 - 3 Before the indications for selecting another AV input disappear, press the V button, DATE- button, ON- button, or OFF- button to select the desired AV input. With the following four buttons, you can move and select as follows:
 - V: Move left
 - DATE-: Move down
 - ON-: Move up
 - OFF-: Move right

Basic Connections and Preparations for Auto Setup of Available TV Stations

To be able to watch the VCR picture on your TV, you need to make basic connections and tune all available TV stations. The optimum type of connection and setup operation depends on what type of sockets your TV is equipped with. Refer to the illustrations (Type A), (Type B) and (Type C) below in order to determine into which category your TV falls, and then follow the explanations for the necessary connections and setup.

Type A: With Q Link function

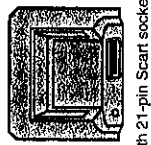
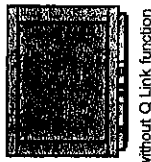
If your TV is equipped with the Q Link* function and also with a 21-pin Scart socket, read from page 12. If your TV is equipped with the "DATA LOGIC**", "Easy Link**", "Megalogic**" or "SMARTLINK**" function and with a 21-pin Scart socket, also read from page 12.



A fully-wired 21-pin Scart cable (not supplied) is necessary. Please purchase it.

Type B: Without Q Link function, but with 21-pin Scart socket

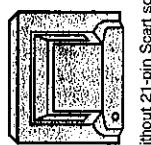
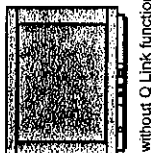
If your TV is not equipped with the Q Link function but is equipped with a 21-pin Scart socket, read from page 15. If your TV is not equipped with the "DATA LOGIC**", "Easy Link**", "Megalogic**" or "SMARTLINK**" function but is equipped with a 21-pin Scart socket, also read from page 15.



A 21-pin Scart cable (not supplied) is necessary. Please purchase it.

Type C: Without 21-pin Scart socket

If your TV is not equipped with the Q Link function and is not equipped with a 21-pin Scart socket, read from page 18.



Hints:

- Q Link is an advanced system that offers a range of convenient functions such as automatic copying of the tuning position of all available TV stations (in the same order as they are programmed on the TV) into your VCR's memory (this is called Download) if you connect the VCR to your TV with a fully-wired 21-pin Scart cable (not supplied). Depending on the manufacturer, the equivalent of the Q Link function has a different name and may not work exactly the same.
- *"Q Link" is a registered trademark of Panasonic.
- **"DATA LOGIC" is a registered trademark of Metz.

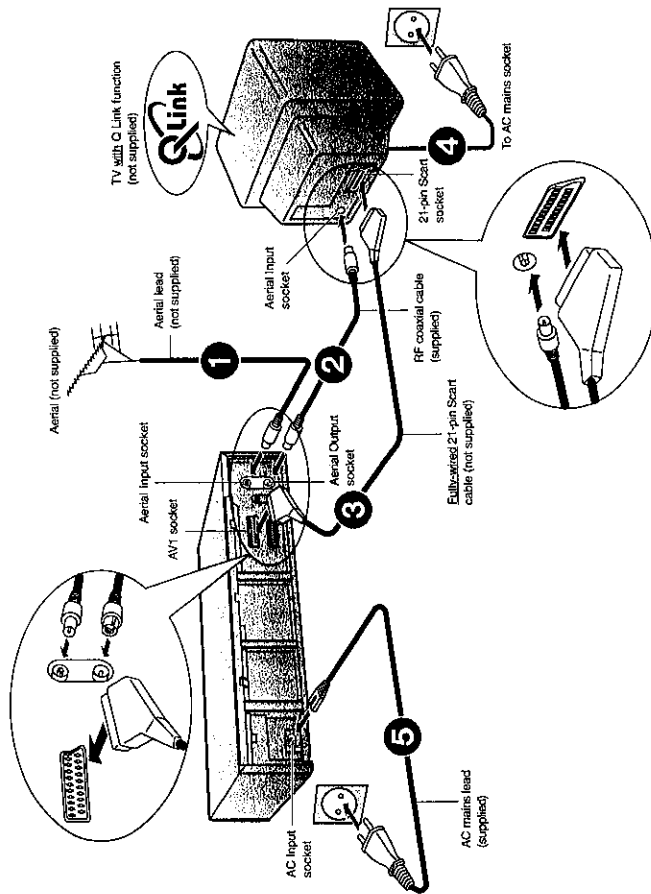
- *"Easy Link" is a registered trademark of Philips.
 - **"Megalogic" is a registered trademark of Grundig.
 - **"SMARTLINK" is a registered trademark of Sony.
- For details, refer to your TV's operating instructions or consult your dealer.
- Unlike in most commercially sold 21-pin Scart cables, in fully-wired 21-pin Scart cables all 21 pins of one plug are connected to the matching pin of the plug on the other end of the cable. This type of cable is necessary for the Preset Download function to work.

Basic Connections to a TV Equipped with the Q Link Function

Connections and preparations for a TV equipped with the Q Link function and equipped with a 21-pin Scart socket. For the connections and preparations for a TV equipped with the "DATA LOGIC", "Easy Link", "Megalogic" or "SMARTLINK" function and with a 21-pin Scart socket, also read from this page.

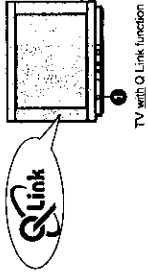
For details about the connections, also read TV's operating instructions.

Be sure to keep both the TV and VCR switched off until all connections have been made. For your safety, be sure not to connect or handle the equipment with wet hands.



- 1 Connect the aerial lead to the VCR's Aerial Input socket (RF IN).
- 2 Connect the supplied RF coaxial cable to the VCR's Aerial Output socket (RF OUT) and to the TV's Aerial Input socket.
- 3 Connect a fully-wired 21-pin Scart cable (not supplied) to the VCR's AV1 socket and to the TV's 21-pin Scart socket.
- 4 Connect the TV to an AC mains socket.
- 5 Connect the VCR to an AC mains socket.

The basic connections are now complete. Proceed to the next page.



Automatically Copying the Tuning Position of All Available TV Stations in the Same Order from the TV on to the VCR (Preset Download Function)

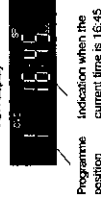
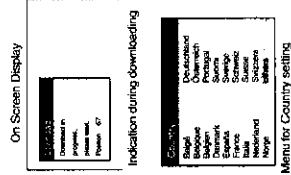
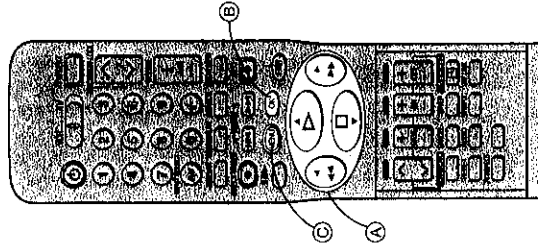
The Preset Download function automatically copies the tuning position of all available TV stations into the VCR's memory when you connect the VCR using a fully-wired 21-pin Scart cable to a TV equipped with the Q Link function.

- A-1 To simultaneously set up this VCR with a new TV, follow the operation steps explained below.
- A-2 To set up this VCR with a TV already in use, follow the operation steps explained on the next page.

A-1 To Simultaneously Set Up this VCR with a New TV

Perform the following operation steps exactly as described to ensure that the Preset Download function works correctly.

- ◆ First of all, make sure that the VCR is switched off.
- Switch the TV on. The TV starts to tune all available TV stations and to adjust the clock. (This is called Auto Setup function.)
- ◆ When the TV has finished its own auto setup, the VCR is automatically switched on, and the downloading of the setup data from the TV to the VCR starts. (Applicable to TVs with "Q Link" or "DATA LOGIC" function)
- ◆ If your TV is equipped with the "Easy Link", "Megalogic", or "SMARTLINK" function, the Country setting menu appears on the TV screen before downloading. Press the Cursor buttons (▲▼◀▶) to select the desired country. Then, press the OK button ⊞ and the downloading automatically starts.
- ◆ The VCR's Auto Setup (Downloading) is complete when the programme position and the current time appear in the VCR display.



- Note:**
In the operation A-1, if you accidentally switch on the VCR before the TV, downloading of the setup data from the TV may not be performed correctly. In this case, follow the operation steps below.
- 1 Wait until the Auto Setup is complete on both the TV and the VCR.
 - 2 Press the MENU button ⊞ to display the OSD Main menu on the TV screen.
 - 3 Press the Cursor buttons (▲▼◀▶) to select "Tuning" and then "Download".
 - 4 Press the OK button twice. Downloading of the setup data from the TV to the VCR starts.
 - 5 When the programme position and the current time appear in the VCR display, downloading is complete.

Hints:

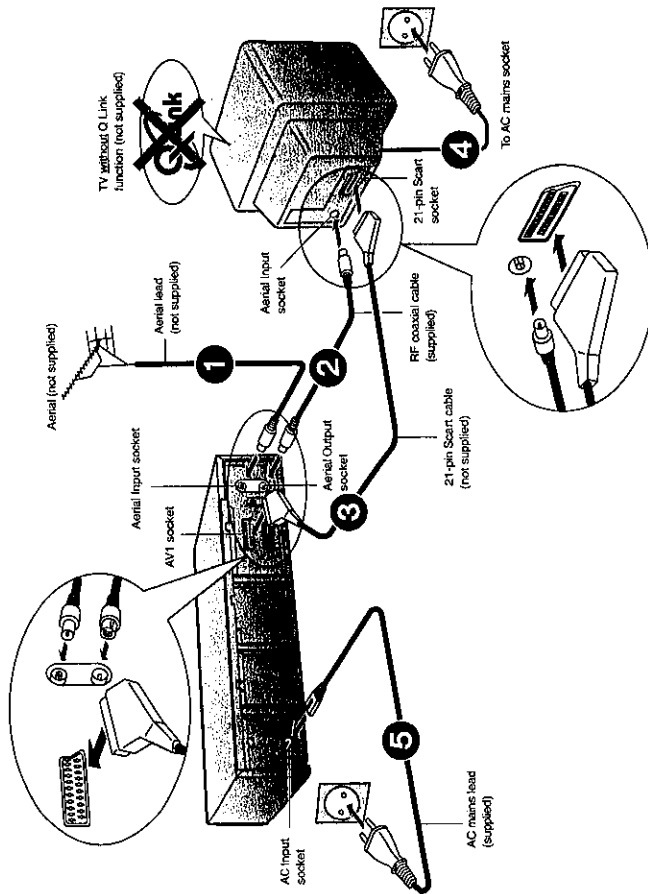
- If you select "Schweiz", "Suisse" or "Svizzera" on the Country setting menu, the Display setting menu appears automatically to let you set the item "Power save" to "ON". In this setting, the VCR's power consumption is minimised (less than 4 watts) when it is off (Standby mode) thus meeting the Swiss "Energy 2000" specifications.
- If you use a Panasonic TV and perform the operation step 3 above, starting the downloading of the setup data will automatically display the "Download" indication. However, in case of a TV of another make, the "Download" indication may not appear. In this case, select the AV input on your TV if you want to see the "Download" indication.

Basic Connections to a TV Equipped with a 21-pin Scart Socket but not with the Q Link Function

Connections and preparations for a TV without Q Link function but equipped with a 21-pin Scart socket.

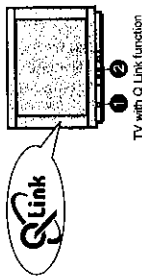
For the connections and preparations for a TV not equipped with the "DATA LOGIC", "Easy Link", "Megalogic" or "SMARTLINK" function but equipped with a 21-pin Scart socket, also read from this page.

Be sure to keep both the TV and VCR switched off until all connections have been made. For your safety, be sure not to connect or handle the equipment with wet hands.



- 1 Connect the aerial lead to the VCR's Aerial Input socket (RF IN).
- 2 Connect the supplied RF coaxial cable to the VCR's Aerial Output socket (RF OUT) and to the TV's Aerial Input socket.
- 3 Connect a 21-pin Scart cable (not supplied) to the VCR's AV1 socket and to the TV's 21-pin Scart socket.
- 4 Connect the TV to an AC mains socket.
- 5 Connect the VCR to an AC mains socket.

The basic connections are now complete. Proceed to the next page.

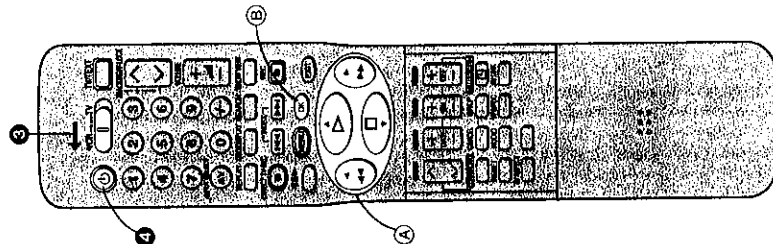
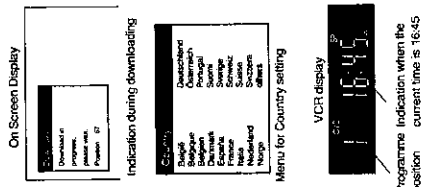


A-2 To Set Up this VCR with a TV Already in Use

- 1 Switch the TV on.
- 2 Select the AV input on your TV.
- 3 Set the VCR/TV switch to "VCR".
- 4 Press the Power button (⏻) to switch the VCR on. Downloading of the setup data starts automatically. (Applicable to TVs with "Q Link" and "DATA LOGIC" function)

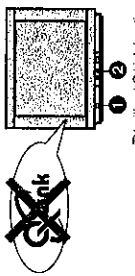
If your TV is equipped with the "Easy Link", "Megalogic", "SMARTLINK" function, the Country setting menu appears on the TV screen before downloading. Press the Cursor buttons (⬆️⬇️⬆️⬆️) (A) to select the desired country. Then, press the OK button (Ⓞ) and the downloading automatically starts.

- ◆ When the programme position and the current time appear in the VCR display, the VCR's Auto Setup (Downloading) is complete.



Hint:

- If you select "Schweiz", "Suisse" or "Svizzera" on the Country setting menu, the Display setting menu appears automatically to let you set the item "Power save" to "On". In this setting, the VCR's power consumption is minimised (less than 4 watts) when it is off (Standby mode) thus meeting the Swiss "Energy 2000" specifications.

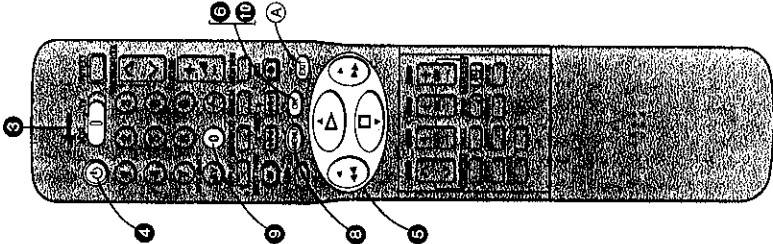


TV without O Link function

To Automatically Tune All Available TV Stations and Setting the Clock (Auto Setup Function)

The Auto Setup function automatically tunes all available TV stations and sets the VCR's clock to the current date and time. If the tuning and time/date settings are not correct, performing timer recordings is not possible. Follow the operations explained below to set them correctly.

- 1 Switch the TV on.
- 2 Select the AV input on your TV.
- 3 Set the VCR/TV switch to "VCR".
- 4 Press the Power button (⏻) to switch the VCR on. The Country setting menu appears on the TV screen.
- 5 Press the Cursor buttons (▲▼◀▶) to select the country where you are using the VCR.
- 6 Press the OK button and the VCR's Auto Setup automatically starts and tunes all available TV stations and also sets the clock. This takes about 5 minutes.
- 7 When the indication shown on the right appears on the VCR display, the Auto Setup is complete.
- 8 Press the MENU button for more than 5 seconds so that the RF output channel number appears on the VCR display. The initial setting is channel / 36.
- 9 Press the Numeric button "0" so that the displayed RF output channel number changes to " _ _".
- 10 Press the OK button to conclude the setting.
- ◆ To Cancel the Auto Setup Before it Has Finished Press the EXIT button (⏻).



On Screen Display

Switzerland	Deutschland
Belgium	Dänemark
Frankreich	Spanien
Österreich	Italien
Polen	USA
Japan	Brasilien
Indonesien	Indonesien
Indonesien	Indonesien

Menu for Country setting

Auto-Setup	05:21
Auto-Setup	05:21
Auto-Setup	05:21
Auto-Setup	05:21

Indication during Auto Setup VCR display

Indication when Auto Setup is complete

Indication when the RF output channel is 36 (example)

Indication after changing the RF output channel to " _ _"

Hint:

- If you select "Schweiz", "Suisse" or "Svizzera" on the Country setting menu, the Display setting menu appears automatically to let you set the item "Power save" to "ON". In this setting, the VCR's power consumption is minimised (less than 4 watts) when it is off (Standby mode) thus meeting the Swiss "Energy 2000" specifications.

To Confirm that the TV Stations Have Been Tuned Correctly by the Auto Setup Function

- 1 Press the MENU button to display the OSD Main menu on the TV screen.
- 2 Press the Cursor buttons (▲▼◀▶) to select "Tuning" and then "Manual".
- 3 Press the OK button to display the list of tuned TV stations and confirm that all available TV stations have been set correctly.

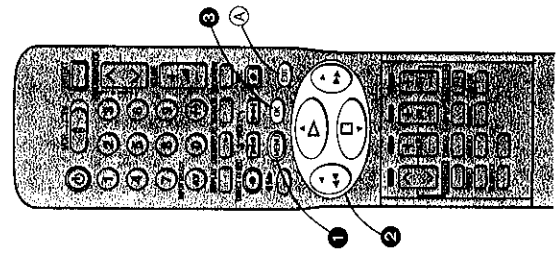
On Screen Display

Channel	11	12	13	14	15	16	17	18	19	20
Auto-Setup Report	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Download	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Shipping condition	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

List of tuned TV stations (example)

Ch	RF	Name	Country
11	36	SWITZ	Switzerland
12	36	SWITZ	Switzerland
13	36	SWITZ	Switzerland
14	36	SWITZ	Switzerland
15	36	SWITZ	Switzerland
16	36	SWITZ	Switzerland
17	36	SWITZ	Switzerland
18	36	SWITZ	Switzerland
19	36	SWITZ	Switzerland
20	36	SWITZ	Switzerland

To Exit the On Screen Display: Press the EXIT button (⏻).

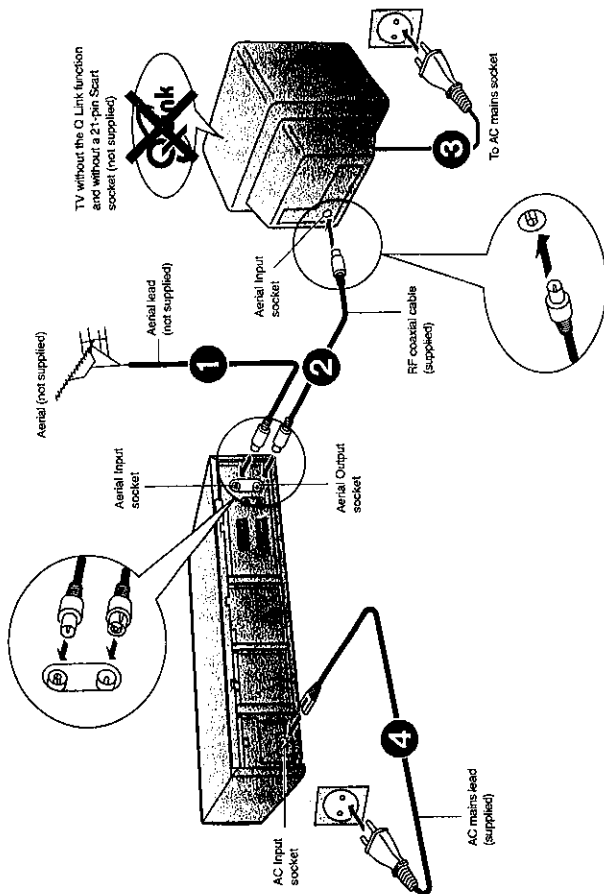


Hints:

- When the clock setting menu appears after Auto Setup has finished:
- 1 Press the Cursor buttons (▲▼◀▶) to set the correct time and date.
 - 2 Press the OK button to conclude the setting.
 - 3 Press the EXIT button to exit the On Screen Display.
- When the station names and/or channel numbers have not been set correctly:
- 1 Press the MENU button to display the OSD Main menu.
 - 2 Press the Cursor buttons (▲▼◀▶) to select "Tuning", and then "Manual".
- When the clock setting menu appears after Auto Setup has finished:
- 3 Press the OK button to display the list of tuned TV stations.
 - 4 Press the Cursor buttons (▲▼◀▶) to select the programme position whose station name and/or channel number you want to change.
 - 5 Press the OK button to display the Manual Tuning menu.
 - 6 Press the Cursor buttons (▲▼◀▶) to enter the correct station name and channel number.
 - 7 Press the OK button to conclude the setting.
 - 8 Press the MENU button.
 - 9 Press the EXIT button to exit the On Screen Display. See page 39 for details.

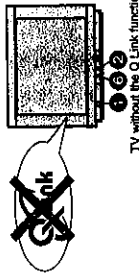
Basic Connections to a TV Not Equipped with a 21-pin Scart Socket

Connections and preparations for a TV which is equipped neither with the Q Link function nor with a 21-pin Scart socket. Be sure to keep both the TV and VCR switched off until all connections have been made. For your safety, be sure not to connect or handle the equipment with wet hands.



- 1 Connect the aerial lead to the VCR's Aerial Input socket (RF IN).
- 2 Connect the supplied RF coaxial cable to the VCR's Aerial Output socket (RF OUT), and to the TV's Aerial Input socket.
- 3 Connect the TV to an AC mains socket.
- 4 Connect the VCR to an AC mains socket.

The basic connections are now complete. Proceed to the next page.



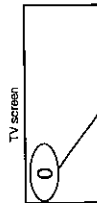
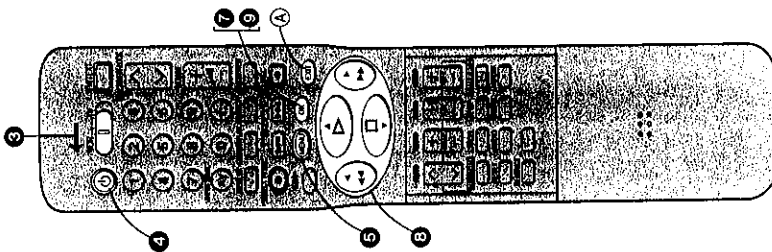
TV without the Q Link function and without a 21-pin Scart socket

To Automatically Tune All Available TV Stations and Setting the Clock (Auto Setup Function)

The Auto Setup function automatically tunes all available TV stations and sets the VCR's clock to the current date and time. If the tuning and time/date settings are not correct, performing timer recordings is not possible. Follow the operations explained below to set them correctly.

In addition, to be able to watch the VCR picture on the TV, this type of connection (RF connection) requires the video playback channel to be set on the TV. Follow the operations explained below.

- 1 Switch the TV on.
- 2 Select an unoccupied programme position (which is not tuned to a TV station). If you are using a Panasonic TV, select programme position "0".
- 3 Set the VCR/TV switch to "VCR".
- 4 Press the Power button (b) to switch the VCR on.
- 5 Press the MENU button for more than 5 seconds. The number of the RF output channel appears on the VCR display. The initial setting is channel 36.
- 6 Tune your TV until the test pattern shown on the right appears on the TV screen. Now, the setting of the RF output channel is complete.
 - As the tuning method differs depending on the TV you are using, refer to your TV's operating instructions for details about tuning.
- 7 Press the OK button.
- 8 Press the Country setting menu (▲▼) to select the country where you are using the VCR.
- 9 Press the OK button and the VCR's Auto Setup automatically starts and tunes all available TV stations and also sets the clock. This takes about 5 minutes.
- 10 When the indication shown on the right appears on the VCR display, the Auto Setup is complete.
- ◆ To Cancel the Auto Setup Before it Has Finished Press the EXIT button (c).



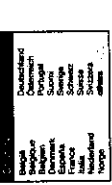
Indication when unoccupied programme position "0" is selected (example)



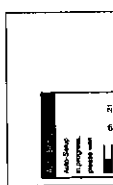
Indication when the RF output channel is 36 (example)



On Screen Display



Menu for Country setting



Indication during Auto Setup

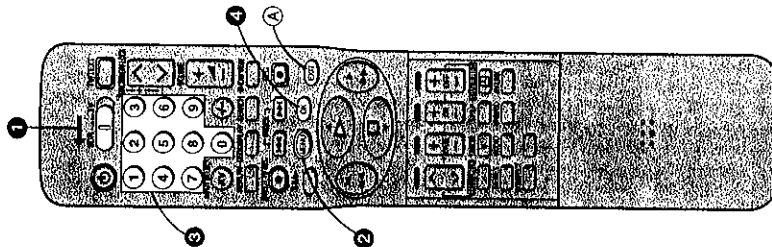


Indication when Auto Setup is complete

Hint:

- If you select "Schweiz", "Suisse" or "Svizzera" on the Country setting menu, the Display setting menu appears automatically to let you set the item "Power save" to "ON". In this setting, the VCR's power consumption is minimised (less than 4 watts) when it is off (Standby mode) thus meeting the Swiss "Energy 2000" specifications.

If the Picture on the TV's Video Playback Channel Is Distorted
 If, after setup, you select AV input on the TV and view a TV programme on a programme position selected on the VCR, some interference may occur in certain cases. If this happens, you can minimise the distortion by changing the RF output channel on the VCR to another number. Follow the operations below.

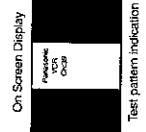


- 1 Set the VCR/TV switch to "VCR".
- 2 Press the MENU button for more than 5 seconds. The number of the RF output channel appears on the VCR display. The initial setting is channel 36.
- 3 Press the numeric buttons to change the RF output channel. Enter a channel number which differs by 2 or 3 from the one initially set number. For example, as the original number is 36, enter 39.
- 4 Press the OK button to conclude the setting.



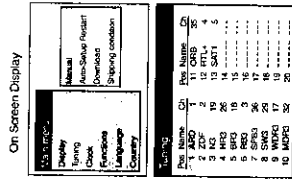
Note When You Have Changed the RF Output Channel:
 After changing the RF output channel to a different number, be sure to retune your TV to the VCR's new RF output channel. (For details about tuning, refer to your TV's operating instructions.)

- 1 Press the MENU button for more than 5 seconds.
- 2 When the test pattern shown on the right appears sharp and clear on the TV screen, the tuning is complete.
- 3 Press the EXIT button (A) to exit the On Screen Display.



To Confirm that the TV Stations Have Been Tuned Correctly by the Auto Setup Function

- 1 Press the MENU button to display the OSD main menu on the TV screen.
- 2 Press the Cursor buttons (A) to select "Tuning" and then "Manual".
- 3 Press the OK button to display the list of tuned TV stations and confirm that all available TV stations have been set correctly.



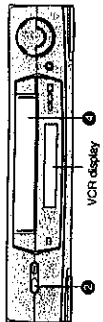
To Exit the On Screen Display:
 Press the EXIT button (A).

Hints:

- When the clock setting menu appears after Auto Setup has finished:**
- 1 Press the Cursor buttons (A) to set the correct time and date.
 - 2 Press the OK button to conclude the setting.
 - 3 Press the EXIT button to exit the On Screen Display.
- When the station names and/or channel numbers have not been set correctly:**
- 1 Press the MENU button to display the OSD Main menu.
 - 2 Press the Cursor buttons (A) to select "Tuning", and then "Manual".

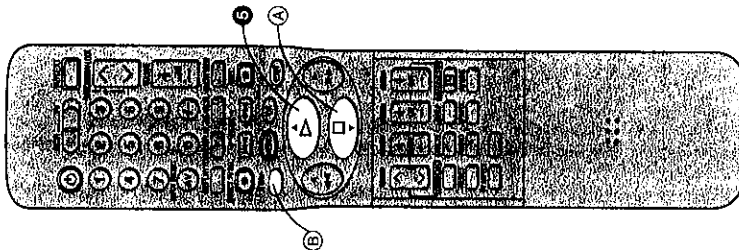
- 3 Press the OK button to display the list of tuned TV stations.
- 4 Press the Cursor buttons (A) to select the programme position whose station name and/or channel number you want to change.
- 5 Press the OK button to display the Manual Tuning menu.
- 6 Press the Cursor buttons (A) to enter the correct station name and channel number.
- 7 Press the OK button to conclude the setting.
- 8 Press the MENU button.
- 9 Press the EXIT button to exit the On Screen Display. See page 39 for details.

Playback



TV with 21-pin Start socket

To be able to watch the VCR picture on the TV, you need to select the AV input on the TV. However, the method for selecting the AV input depends on how the VCR is connected to the TV. If the VCR is connected to your TV via a 21-pin Start cable (optional) as shown in (A) or (B) on page 11, perform the operation steps below. If the VCR is connected to your TV via RF coaxial cable as shown in (C) on page 11, perform the operation steps explained from page 18 to display the VCR picture on the TV.



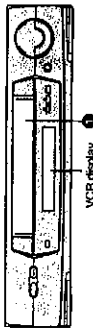
Operation Steps	Confirmation of Operation
<ol style="list-style-type: none"> Switch the TV on. Press the Power button (⏻) to switch the VCR on. Select AV input on your TV. Insert the recorded video cassette. Press the Play button (▶). • Playback starts. 	<p>TV screen</p> <p>This indication may be different on your TV.</p> <p>VCR display</p> <p>Indication when the video cassette is inserted</p> <p>Indication displayed during playback</p>

◆ **To Stop Playback**
Press the Stop button (⏹).

◆ **To Pause Playback Briefly (Still Playback)**

- Press the Pause/Slow button (⏸) briefly.
- If you leave the VCR in the still playback mode for more than 5 minutes, the VCR cancels this mode automatically to protect the tape and video heads, and it switches over to the stop mode.

Other Playback and Convenient Functions

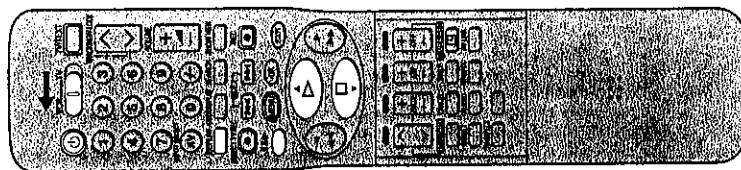


Described on this page are the operations for fast-forwarding and rewinding the tape. However, depending on whether the tape is stopped or is being played back, pressing the Fast Forward button (▶▶) or the Rewind button (◀◀) will activate a different function. In addition, the activated function also differs depending on how long you press the button. Operate these buttons according to the intended function.

Operation Steps	Confirmation of Operation
<p>Fast-forwarding or Rewinding the Tape</p> <ol style="list-style-type: none"> Insert a video cassette. Press the Stop button (⏹) to put the VCR in the stop mode. This prevents automatic playback start. To fast-forward the tape: Press the Fast Forward button (▶▶). To rewind the tape: Press the Rewind button (◀◀). To stop fast-forwarding or rewinding, press the Stop button (⏹). To briefly view the picture during fast-forwarding or rewinding, press and hold down the corresponding button. <p>Fast-forwarding or Rewinding the Tape while Viewing the Playback Picture</p> <p>For Cue Playback: During playback, press the Fast Forward button (▶▶) briefly.</p> <p>For Review Playback: During playback, press the Rewind button (◀◀) briefly.</p> <ul style="list-style-type: none"> To resume normal playback, press the Play button (▶). If you press and hold down the Fast Forward button (▶▶) or the Rewind button (◀◀), cue or review playback continues for as long as you keep the button pressed. 	<p>VCR display</p> <p>Indication when the tape is stopped</p> <p>Indication during fast-forwarding or cue playback</p> <p>Indication during rewinding or review playback</p>

Notes for special playback functions (except normal playback):

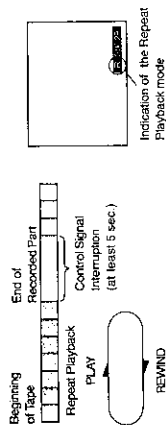
- During playback function other than normal playback, horizontal noise bars may appear in the picture, the colour of the picture may be unstable, or the picture may be otherwise distorted.
- When you play back a tape recorded in the LP (Long Play) mode, the picture may be in black and white. However, these are not malfunctions.
- If cue or review playback continues for more than 10 minutes, the VCR automatically switches over to the normal playback mode to protect the tape and video heads.



◆ To Play Back a Recorded Part Repeatedly

Press the Play button (▶) for more than 5 seconds. The "R" indication appears on the On Screen Display.

- If "OSD" is set to "OFF" (See page 45), the "R" indication will not appear in repeat playback mode.



To Cancel the Repeat Playback Mode:
Press the Stop button (□).

◆ To rewind the tape a little to view the same scene again (Repeat Function)

If you want to view the same scene again, for example because you could not catch clearly what a person said, simply press the REPLAY button, to rewind the tape a little from its present position and play it back again. The direction in which the tape is rewound depends on what playback mode the VCR is in when you press the REPLAY button.

- If you press the REPLAY button when the VCR is in the stop, rewind, fast-forward, slow playback, or standby (OFF) mode, the Replay function does not work.

◆ During Normal Playback, Cue Playback and Still Playback:

When you press the REPLAY button, the VCR switches over to the review playback mode for a few seconds and then resumes normal playback.

◆ During Review Playback:

When you press the REPLAY button, the VCR briefly switches over to Cue playback and then plays back at normal speed in forward direction from the point where the REPLAY button was pressed.

◆ To Play Back NTSC Video Cassettes on Your PAL TV (Quasi-NTSC Playback Function) (NV-HD640EG/EC only)

This VCR allows playback of tapes recorded in the NTSC system on a normal PAL system TV with the same operations as usual.

- On some TVs, however, the playback picture may roll up or down.
- If your TV has a V-HOLD control or equivalent adjustment function, use it to try to stop the picture movement.

◆ To Perform Slow Playback

Press and hold down the Pause/Slow button (⏸) for more than 2 seconds during playback.

- If the slow playback mode continues for more than 10 minutes, the VCR cancels this mode automatically to protect the tape and video heads, and it switches over to the stop mode.



◆ To Stop Playback Automatically (Playback Off Timer Function)

If you set the playback duration, the playback will stop automatically.

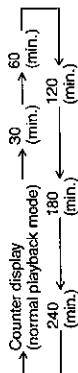
After the set playback time has elapsed, the VCR automatically stops playback and switches off.

◆ To Activate the Playback Off Timer Function:

During normal playback, press the Play button (▶) on the VCR for more than 2 seconds to put the VCR in the Playback Off Timer mode. (The indication shown below appears on the VCR display.)

After that, press the Play button (▶) on the VCR repeatedly until the desired playback duration is displayed on the VCR display.

- Repeatedly pressing this button changes the indication in the following order:



Indication when the VCR is in the Playback Off Timer mode (a playback duration of 30 minutes is selected)

To Stop Midway:
Press the Stop button (□).

◆ Convenient Automatic Functions

This VCR features the following convenient functions:

- **VCR Auto Power On**
When you insert a video cassette, the VCR switches on automatically.
- **Auto Playback Start**
When you insert a video cassette with a broken erasure prevention tab, playback start automatically without having to press the Play button (▶).
- **Auto Rewind (this function does not work during timer recording and OTR)**
When the tape reaches the end, the VCR automatically rewinds it to the beginning.

◆ After Use

- 1 Press the EJECT button on the VCR and take out the cassette.
- 2 Or, press and hold the Stop button (□) on the remote control for more than 3 seconds and then take out the ejected cassette.
- 3 Set the VCR/TV switch to "VCR".
- 4 Press the Power button (⏻) to switch the VCR off.
- 5 Ejecting the video cassette is also possible when the VCR is off. It will switch on, eject the cassette and then switch off again.

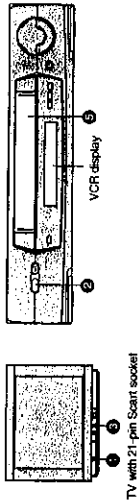
Hint:

- There are three major TV broadcast systems in the world. Their use depends on the country and continent, and these systems are not compatible with each other.

Major Broadcast Systems:

- PAL:** UK, Germany and most West-European countries, Australia, New Zealand, South Africa, China, etc.
- NTSC:** USA, Canada, Japan, etc.
- SECAM:** France, Middle-Eastern countries, etc.

Recording



To be able to watch the VCR picture on the TV, you need to select the AV input on the TV. However, the method for selecting the AV input depends on how the VCR is connected to the TV. If the VCR is connected to your TV via a 21-pin Scart cable (optional) as shown in (A) or (B) on page 11, perform the operation steps below. If the VCR is connected to your TV via RF-coaxial cable as shown in (C) on page 11, perform the operation steps explained from page 18 to display the VCR picture on the TV.

Operation Steps	Confirmation of Operation
<ol style="list-style-type: none"> Switch the TV on. Press the Power button (⏻) to switch the VCR on. Select the AV input on your TV. Set the VCR/TV switch to "VCR". Insert a video cassette with an intact erasure prevention tab. (See page 27.) Press the SP/LP button to set the desired tape speed. <ul style="list-style-type: none"> SP provides standard recording time and optimum picture quality. LP provides doubled recording time with slightly reduced picture quality. Press the Channel button (N) or (A) to select the programme position of the TV programme that you want to record. Press the REC button. <ul style="list-style-type: none"> Recording starts. 	

◆ **To Stop Recording**
Press the Stop button (⏹).

Hints:

- When playing back an E300 cassette recorded in the LP mode, some picture distortion may occur. However, this is not a malfunction.

Note about the Tape Speed (SP/LP):

- The initial setting is "SP".
- SP stands for Standard Play.
- LP stands for Long Play.

◆ **To Pause Recording**

Press the Pause/Slow button (⏸/▶). To resume recording, press the Pause/Slow button (⏸/▶) again.

- If you leave the VCR in the pause mode for more than 5 minutes, the VCR cancels this mode automatically, and it switches over to the stop mode.

◆ **To View One TV Programme while Recording Another TV Programme**

After pressing the REC button to start recording, select on your TV the programme position of the TV programme that you want to view.

◆ **To Immediately Record the Same TV Programme That You Are Viewing on the TV (Direct TV Recording)**

This function allows you to immediately start recording the same programme that you are viewing on the TV. The programme position selected on the VCR automatically changes to that of the TV programme that you are viewing on the TV. At the end of the TV programme, the recording stops and the VCR automatically switches back to the previously selected programme position.

- Conditions for correct operation of the Direct TV Recording function:
- Your TV must be equipped with the "Q Link" function.
 - The VCR must be connected to the TV via a fully-wired 21-pin Scart cable.

To Perform Direct TV Recording:

- Insert a video cassette with an intact erasure prevention tab.
- Press the DIRECT TV REC button.
- Recording of the TV programme that you are viewing on the TV starts.
 - In some cases, it may not be possible to change the programme position on the TV during Direct TV Recording.
 - Do not press the AV LINK button during Direct TV REC, otherwise the recording may not be performed correctly.

To Stop Recording Midway:

Press the Stop button (⏹).

◆ **To Confirm the Approximate Remaining Tape Time**

The remaining tape time can be displayed in the VCR display.

- Condition for correct display of the remaining tape time:
- The tape length of the tape being used must be set correctly.
 - (For example, select the tape length "◀E-180" for a 180-minute cassette.)

To set the Tape Length:

- Press the MENU button to make the Main menu appear on the TV screen.
- Use the Cursor buttons (⏪/⏩) to select "Functions", "Tape length", and "◀E-180" in this order.

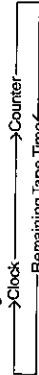
- Press the Cursor buttons (▲▼) to select the tape length of the video cassette you are using.

- ◀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.

- Press the OK button to conclude the setting.
- Press the EXIT button to exit the menu.

To Display the Remaining Tape Time:

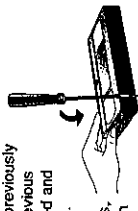
- Press the OSD/DISPLAY button until the remaining tape time is displayed on the On Screen Display.
- Pressing the OSD/DISPLAY button once makes the On Screen Display appear, after that, pressing it repeatedly changes the indication in the following order:



For certain cassettes, the remaining tape time may not be displayed correctly.

◆ **To Prevent Accidental Erasure of Recorded Contents**

When you record again onto a previously recorded video cassette, the previous recording is automatically erased and replaced with the new recording. Therefore, to prevent accidental erasure of the recorded contents, break out the erasure prevention tab after recording.

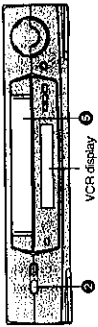


Use a screwdriver or similar tool to break out the tab.

To Record Again onto the Video Cassette with a Broken Out Erasure Prevention Tab:

If you insert a video cassette with a broken out erasure prevention tab and press the REC button, the "⏹" indication flashes on the VCR display to indicate that recording is not possible. In this case, cover the tab hole with two layers of adhesive tape. The adhesive tape substitutes for the prevention erasure tab and makes it possible to record again on this cassette.





TV with 21-pin Scart socket

Timer Recording

This function lets you programme the VCR for unattended automatic recording of desired TV programmes when you are not at home or sleeping.

You can programme timer recordings in two different ways:

- (1) By entering the necessary information with the remote control while viewing the On Screen Display (OSD) on the TV screen (explained below) or;
 - (2) By entering the ShowView number published alongside the TV programme listings in newspapers and magazines (see page 30).
- This VCR lets you programme up to 8 TV programmes (including weekly and daily programmes) for unattended recording up to one month in advance.

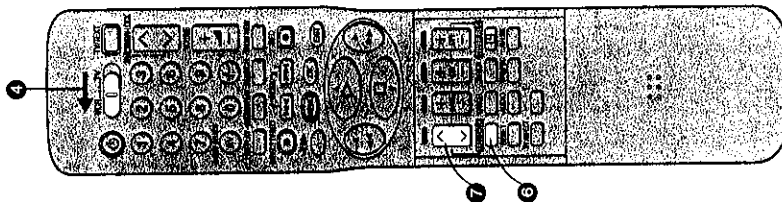
(1) To Programme with the On Screen Display (OSD)

This method offers easy step-by-step programming with the remote control while you view the prompts on the TV screen.

To be able to watch the VCR picture on the TV, you need to select the AV input on the TV. However, the method for selecting the AV input depends on how the VCR is connected to the TV.

- (A) If the VCR is connected to your TV via a 21-pin Scart cable (optional) as shown in (A) or (B) on page 11, perform the operation steps below.
- (B) If the VCR is connected to your TV via RF coaxial cable as shown in (C) on page 11, perform the operation steps explained from page 18 to display the VCR picture on the TV.

Example: Programming the timer recording of a TV programme broadcast on programme position (channel) 2 from 20:00 to 21:30 on 27 October.



Operation Steps	Confirmation of Operation
1 Switch the TV on.	TV screen This indication may be different on your TV.
2 Press the Power button (⏻) to switch the VCR on.	VCR display Indication when the video cassette is inserted
3 Select the AV input on your TV.	On Screen Display Menu for programming timer recordings
4 Set the VCR/TV switch to "VCR".	Indication when programming position 2 is set
5 Insert a video cassette with an intact erasure prevention tab. (See page 27.)	
6 Press the PROG./CHECK button to display the menu for programming timer recordings on the TV screen.	
7 Press the Channel button (N) or (A) to select the programme position of the desired TV station.	

(continues on the next page)

Operation Steps	Confirmation of Operation
8 Press the DATE button to set the date on which the TV programme will be broadcast.	On Screen Display Indication when 27/10 is set
9 Press the ON button to set the starting time.	On Screen Display Indication when 20:00 is set
10 Press the OFF button to set the ending time.	On Screen Display Indication when 21:30 is set
11 Press the SP/LP button to set the desired tape speed. <ul style="list-style-type: none"> • SP provides standard recording time and optimum picture quality. • LP provides doubled recording time with slightly reduced picture quality. Regarding the "A" indication, refer to page 32.	On Screen Display Indication when SP is set
12 Press the OK button to conclude the settings. <ul style="list-style-type: none"> • To programme additional timer recordings, repeat operation steps 8-10. 	VCR display Indication of the timer recording standby mode
13 Press the TIMER REC button to switch the VCR over to the timer recording standby mode. <ul style="list-style-type: none"> • At the programmed date and time, the recording will start automatically. 	VCR display Indication of the timer recording standby mode

◆ To Suspend the Timer Recording Standby Mode

When you want to use the VCR for playback, normal recording or some other operation before the programmed timer recording will be performed, you can temporarily suspend the timer recording standby mode by pressing the TIMER REC button so that the "TS" indication on the VCR display disappears.

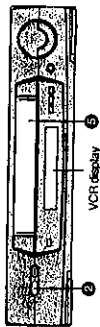
However, after you have finished using the VCR, be sure to reactivate the timer recording standby mode by pressing the TIMER REC button again, otherwise the programmed timer recording will not be performed.



The indication of the timer recording standby mode disappears.

Hints:

- When you set the starting or ending times, keeping the ON or OFF button pressed changes the indication in 30-minute steps.
- After programming a timer recording, confirm that the "TS" indication is displayed on the VCR display. If the "TS" indication is flashing, check the timer programming contents and programme it again correctly.
- If the VCR is not put in the timer recording standby mode at the latest 10 minutes before the programmed timer recording starting time, the "TS" indication flashes on the VCR display. In this case, press the TIMER REC button to put the VCR in the timer recording standby mode.
- Performing the operation steps 8-13 with the Cursor buttons (▲▼◀▶) is also possible.



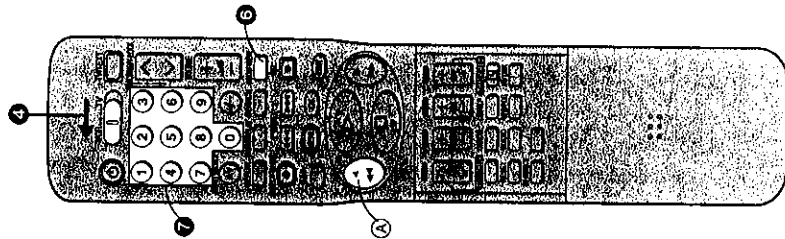
TV with 21-pin Scart socket

(2) To Programme with the ShowView Function

The ShowView numbers assigned to each TV programme and published alongside the TV programme listings in newspapers and magazines make it extremely easy to set the VCR for timer recording. The duration of a timer recording programmed with ShowView number may be slightly longer than the actual duration of the TV programme.

To be able to watch the VCR picture on the TV, you need to select the AV input on the TV. However, the method for selecting the AV input depends on how the VCR is connected to the TV.
 (A) If the VCR is connected to your TV via a 21-pin Scart cable (optional) as shown in (A) or (B) on page 11, perform the operation steps below.
 (B) If the VCR is connected to your TV via RF coaxial cable as shown in (C) on page 11, perform the operation steps explained from page 18 to display the VCR picture on the TV.

Example:
 Programming a timer recording of a TV programme with the ShowView number 920126



Operation Steps	Confirmation of Operation
1 Switch the TV on.	
2 Press the Power button (⏻) to switch the VCR on.	TV screen This indication may be different on your TV.
3 Select the AV input on your TV.	VCR display Indication when the video cassette is inserted
4 Set the VCR/TV switch to "VCR".	On Screen Display
5 Insert a video cassette with an intact erasure prevention tab. (See page 27.)	Menu for entering the ShowView number
6 Press the SHOW VIEW button to display the menu for entering the ShowView number on the TV.	Indication when the ShowView number is entered
7 Press the Numeric buttons to enter the ShowView number. • If you have entered a wrong digit, press the Cursor button (←) and then enter the correct digit.	

(continued on the next page)

Operation Steps	Confirmation of Operation
8 Press the OK button to display the programmed content.	On Screen Display
9 Press the SP/LP button to set the desired tape speed. • SP provides standard recording time and optimum picture quality. LP provides doubled recording time with slightly reduced picture quality. Regarding the "A" indication, refer to page 32.	Indication when SP is set
10 Press the OK button again to conclude the settings. • To programme additional timer recordings, repeat operation steps 8-10.	Indication when the settings are concluded
11 Press the TIMER REC button to switch the VCR over to the timer recording standby mode. • At the programmed date and time, the recording will start automatically.	VCR display Indication of the timer recording standby mode

◆ If the Programming Contents Are Not Entered Correctly When Programming with the ShowView Function, or When You Want to Change the Programmed Contents

In some cases, the programming contents may not be entered correctly when programming a timer recording with the ShowView function. In such a case, correct the wrong or missing information in the following way:

- To Correct:**
 After displaying the programmed contents in operation step 9, perform the following steps:
 To change the programme position:
 Use the Channel button (V/∧) (A).
 To change the date of timer recording:
 Use the DATE button (B).
 To change the recording starting time:
 Use the ON button (C).
 To change the recording ending time:
 Use the OFF button (D).

◆ To Suspend the Timer Recording Standby Mode

When you want to use the VCR for playback, normal recording or some other operation before the programmed timer recording will be performed, you can temporarily suspend the timer recording standby mode by pressing the TIMER REC button so that the "TV" indication on the VCR display disappears.

However, after you have finished using the VCR, be sure to reactivate the timer recording standby mode by pressing the TIMER REC button again, otherwise the programmed timer recording will not be performed.

◆ If "—" Appears under "Pos/Name" after Entering a ShowView Number

Pos/Name stands for Programme Position/TV Station Name. Normally, the name of the TV station or the number of the programme position is displayed under "Pos/Name". However, if the TV station information was not automatically set during Preset Download or Auto Setup due to adverse reception conditions,

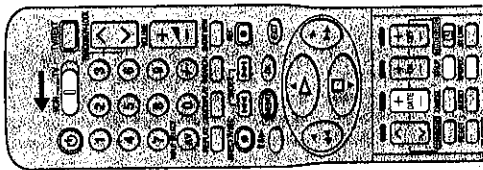
- the "—" indication appears instead.
 In such a case, follow the operation steps below to correct it.
 Press the Channel button (V/∧) or (V/∨) repeatedly to select the programme position on which the TV programme to be recorded will be broadcast.

After you have entered the information of a TV station, it remains stored in the VCR's memory, and you do not need to enter it again in the future.

hint:

- After programming a timer recording, confirm that the "TV" indication is displayed in the VCR display. If the "TV" indication is flashing, check the timer programming contents and programme it again correct.
- If the VCR is not put in the timer recording standby mode at the latest 10 minutes before the programmed timer recording starting time, the "TV" indication flashes on the VCR display. In this case, press the TIMER REC button to put the VCR in the timer recording standby mode.

Other Timer Recordings and Convenient Functions



This VCR is equipped with the following functions that facilitate the programming of timer recordings.

- Setting the recording date/day(s)
- Ensuring that a TV programme will be recorded until its end (Auto SP/LP Change Function)
- Setting for control of the recording start and end by special signal included in the broadcasting signal (VPS/PDC Function)

① Setting the Recording Date/Day(s)

Perform this operation in operation step ② when programming a timer recording with the On Screen Display, or in operation step ⑤ when programming with the ShowView number. (See page 29 and 31.)

You can select the recording date (day of the month/day of the week) by pressing the DATE button. If you repeatedly press the + side of the DATE button, the indication changes in the order shown below. If you press the - side of the DATE button, the indication changes in the opposite order.

- Programming a timer recording (setting the date) is possible up to one month ahead of the TV programme's broadcasting date and time. Daily and weekly timer recordings will continue until you cancel them.

<To Programme within 1 Month>
Example: 1 2 ... 31

<To Programme Daily Timer Recordings>
Example: Daily recording from Sunday to Saturday (Su-Sa)

Daily recording from Monday to Saturday (Mo-Sa)

Daily recording from Monday to Friday (Mo-Fr)

<To Programme a Weekly Timer Recording>
Example: Weekly recording every Sunday

Weekly recording every Monday

Weekly recording every Saturday

(Su = Sunday, Mo = Monday, Tu = Tuesday,

We = Wednesday, Th = Thursday, Fr = Friday, Sa = Saturday)

② Ensuring that a TV Programme Will Be Recorded until Its End (Auto SP/LP Change Function)

If, at the start of a timer recording, the VCR determines that the remaining tape time is insufficient to record the whole programme, the Auto SP/LP Change function automatically selects LP mode to ensure that the whole programme will be recorded. However, if the remaining tape time is still not sufficient even in the LP mode, the programme cannot be recorded to its end.

- If you programme a daily or weekly timer recording, recording will be performed in the LP mode from the start regardless of the remaining tape time.
- In case of a timer recording programmed with the VPS/PDC function, if the TV programme continues past the programmed ending time, the VCR automatically switches over to the LP mode at that moment.

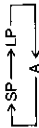
Condition for correct operation of the Auto SP/LP Change function:

- The tape length of the inserted cassette must be set correctly.

To Activate the Auto SP/LP Change Function:

In operation step ① when programming a timer recording with the On Screen Display (see page 29), or in operation step ⑤ when programming with the ShowView number (see page 31), press the SP/LP button to select "A".

- When you press this button repeatedly, the indication changes in the following order:



Indication when "A" is selected

③ Setting for Control of the Recording Starting and Ending Time by Special Signal (VPS/PDC Function)

VPS stands for Video Programme System.

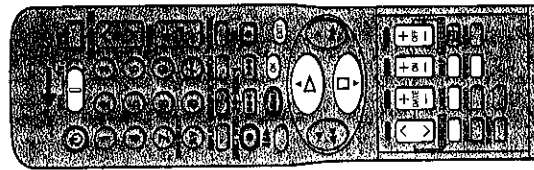
PDC stands for Programme Delivery Control. If a TV programme, for example a football game runs longer than scheduled, is shortened or starts earlier or later, this function synchronises the recording start and stop with the actual broadcasting start and stop of the TV programme.

- Conditions for correct operation of the VPS/PDC function:
 - "ON" must be displayed under "VPS/PDC" on the On Screen Display.
 - The TV station must broadcast VPS/PDC signals.
 - The programme starting time must be set correctly to the starting time listed in the newspaper/magazine.

To Activate the VPS/PDC Function:

- After operation step ① when programming a timer recording with the On Screen Display (see page 29), or in operation step ⑤ when programming with the ShowView number (see page 31), press the VPS/PDC button to make the ON indication appear.

Checking, Changing or Cancelling a Programmed Timer Recording



- Follow the operations below to change the programmed contents.

To change the broadcasting station:

Use the Channel buttons (V/Λ).

To change the date of the timer recording:

Use the DATE button.

To change the recording starting time:

Use the ON button.

To change the recording ending time:

Use the OFF button.

To change the recording speed:

Use the SP/LP button.

To change the setting for VPS/PDC ON/OFF (---):

Use the VPS/PDC button.

- Press the OK button to conclude the setting.

To Exit the On Screen Display:

Press the EXIT button.

◆ To Cancel the Programming of a Timer Recording

It is not possible to cancel a programming while the timer recording is being performed.

- Display the VCR picture on the TV.

- Set the VCR/TV switch to "VCR".

- Press the PROG./CHECK button to display the timer recording programmings on the TV screen.

- Press the CURSOR buttons (▲▼) to select the programming that you want to cancel.

- Press the CANCEL button.

To Exit the On Screen Display:

Press the EXIT button.

◆ To Check the Contents of Timer Recording Programmings

- Display the VCR picture on the TV.

- Set the VCR/TV switch to "VCR".

- Press the PROG./CHECK button to display the timer recording programmings on the TV screen.

- When the VCR is in the timer recording standby mode for a VPS/PDC recording, the On Screen Display may be distorted.

To Exit the On Screen Display:

Press the EXIT button.

◆ To Change a Timer Recording Programming

It is not possible to change a programming while the timer recording is being performed.

- Display the VCR picture on the TV.

- Set the VCR/TV switch to "VCR".

- Press the PROG./CHECK button to display the timer recording programmings on the TV screen.

- Press the CURSOR buttons (▲▼) to select the programming that you want to change.

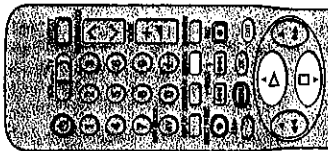
Notes for Cancelling the Programming of a Timer Recording

In some cases, for example as listed below, the programming of a timer recording remains stored in the memory until 4 a.m. the next day. However, this is not a malfunction.

- When a timer recording was not performed up to the TV programme's ending time because the remaining tape time was not sufficient.
- When you have stopped the timer recording while it was being performed.

Convenient Recording Functions

- ◆ To select a Timer-Recorded Programme from the List and Quickly Locate Its Beginning for Automatic Playback (Programme List Search)



This VCR can display a list of the timer-recorded programmes on the inserted video cassette on the TV screen. You can then select the desired programme, and the VCR will quickly locate its beginning and start playback.

- Conditions for correct operation of the Programme List Search function:
- The video cassette must not have been ejected after the timer recordings were performed.
 - The tape length of the inserted cassette must be set correctly.
 - The VCR must not be in the timer recording standby mode.
 - A programme of at least 15 minutes must be recorded on the tape.
 - If a timer recording was performed onto a recorded video cassette, the previous recording must have been completely erased by the new recording.

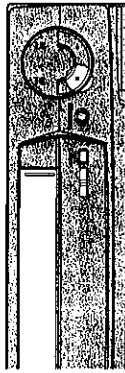
- 1 Display the VCR picture on the TV.
 - 2 Press the SEARCH button to display the Programme List menu.
 - 3 Press the Cursor buttons (▲▼) to select the programme that you want to locate and play back.
 - 4 Press the SEARCH button to start the search for the beginning of the selected programme.
 - After the desired recorded programme has been found, playback starts automatically.
 - If, after playback has started, you want to search for the beginning of the same or another programme, press the SEARCH button.
- Playback stops, and the Programme List menu appears.
- Repeat the above operations steps 3-4.

To Cancel the Programme List Search:
Press the EXIT button.

Hint:

- When you press the SEARCH button in the above operation step 3, the last timer-recorded programme is selected (highlighted).
- If you take out the cassette or insert another cassette after a timer recording has finished, pressing the SEARCH button activates the Intro-Jet Scan instead of the Programme List Search. (Refer to page 35.)

- ◆ To Select the Recording Duration and Perform Timer Recording (OTR Recording)



The OTR (One-Touch Recording) is the easiest timer recording method. It is called this way, because you can start recording and select the recording duration by repeatedly pressing a single button. This is very convenient, for example when you want to start recording immediately but need to go out or want to go to bed.

After the selected recording duration has elapsed, recording stops and the VCR automatically switches off.

- To Perform an OTR Recording:
- 1 Display the VCR picture on the TV.
 - 2 Insert a video cassette with an intact erasure prevention tab.
 - 3 Press the Channel buttons (V) to select the programme position on which the TV programme to be recorded will be broadcast.
 - 4 Press the REC/OTR button to start recording.
 - 5 Press the REC/OTR button repeatedly to select the desired recording duration.
 - Every time you press this button, the recording duration indicated in the VCR display changes in the following order.



To Stop the OTR Recording Before the End:
Press the Stop button (□).

- Note:**
- This function also works during Direct TV Recording.

Search Functions

- ◆ To Search for a Desired Programme While Checking the Recorded Contents on a Cassette (Intro-Jet Scan)

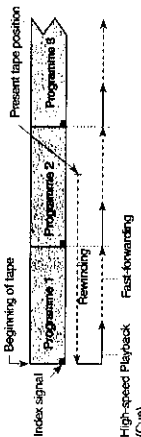
This VCR automatically records special index signals on the tape every time a recording starts. The Intro-Jet Scan function makes use of these index signals to play back the beginning of each programme recorded on the cassette one after another at high speed. This lets you quickly and easily check the contents of a cassette and find a desired programme.

- Index signals are automatically recorded in the following cases:
- When you start a recording by pressing the REC button, REC/OTR button, or the DIRECT TV REC button.
 - When a timer recording starts.
 - When you press the REC button on the remote control during recording.

Conditions for correct operation of the Intro-Jet Scan function:

- The cassette must have been ejected after the timer recordings were performed.
- VCR must be switched on (ON), be in the playback mode or be in the standby mode (OFF).
- Each programme recorded on the tape must be at least 15 minutes long.

- 1 Display the VCR picture on the TV.
- 2 Insert a cassette recorded on this VCR.
- 3 Press the SEARCH button to start the Intro-Jet Scan.
 - After rewinding the tape to the beginning, the VCR plays it back at high speed for approximately 10 seconds. It then fast-forwards the tape to the next tape position marked by an index signal (beginning of a programme), and every time an index signal is found, the VCR switches over to high-speed playback (Cue) for about 10 seconds.



- 4 When you have found the programme that you want to view, press the Play button (▶) to start normal playback.

To Cancel the Intro-Jet Scan or to Stop Playback:
Press the Stop button (□).

Note:
If you press the SEARCH button after a timer recording has finished, but before ejecting that cassette, the Programme List Search (for details, see page 34) will be activated instead of the Intro-Jet Scan.

- ◆ To Quickly Find the Beginning of a Desired Programme (VISS = Video Index Search System)

This VCR automatically records special index signals on the tape every time a recording is started. The Index search function makes use of these index signals to let you find the beginning of a desired programme quickly and easily.

Index signals are automatically recorded in the following cases:

- When you start a recording by pressing the REC button, REC/OTR button, or DIRECT TV REC button.
- When a timer recording starts.
- When you press the REC button on the remote control during recording.

Conditions for correct operation of the Index search function:

- The VCR must be in the stop mode or in the playback mode.
- Each programme recorded on the tape must be at least 5 minutes long.

- 1 Display the VCR picture on the TV.
- 2 Insert a cassette recorded on this VCR.
- 3 Press the INDEX button (that corresponds to the direction from the current tape position in which the desired programme is located on the tape) to start the index search. For example, if you want to search for the 2nd recorded programme in forward direction, press the INDEX >>> button twice. (Read the hint at the bottom of the page.)

- The VCR fast-forwards or rewinds the tape and searches for the specified index signal (the beginning of the desired recorded programme).
- When it has been found, playback starts automatically.

To Cancel the Index Search or to Stop Playback:
Press the Stop button (□).

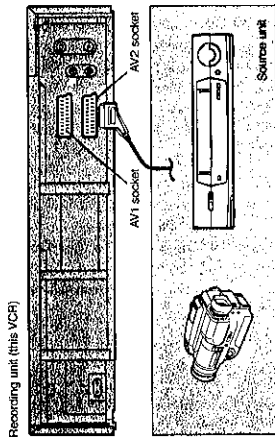
Hints:

- Searching in either direction is possible up to the 20th index signal.
- If you press either of the INDEX buttons too many times, simply press the other INDEX button (indicating the opposite direction) to correct it. In this way, you can reduce the displayed figure down to 1.
- The figure on the VCR display decreases by 1 every time an index signal is located.

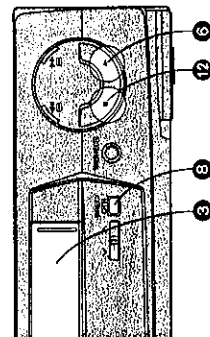
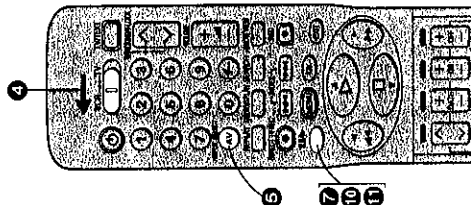
Editing

Assemble Editing

The assemble editing function makes it easy to record the picture and sound of virtually any number of scenes or programmes in succession with smooth, noise-free transitions between them. Assemble editing from an external source, for example from a movie camera, can be performed in the same way.



- 1 Connect a video movie camera or a VCR to this VCR with an audio/video cable or a 21-pin Scart cable, as shown in the illustration.
- 2 Display the VCR picture on the TV.
- 3 Insert the cassette on which the assemble editing is to be performed, and make sure that its erasure prevention tab is not broken out.
- 4 Set the VCR/TV switch to "VCR".
- 5 Press the INPUT SELECT button to select the AV Input (external input) "A1" or "A2" according to the socket on the VCR to which the source unit has been connected.
A1: When connected to the AV1 21-pin Scart socket [AV1 (TV)]
A2: When connected to the AV2 21-pin Scart socket [AV2 (DECODER/EXT)]
- 6 Press the Play button (▶) on this VCR to start playback.
- 7 At the point where you want to join a new scene, press the Pause/Slow button (⏸) on the remote control of this VCR to put it in the still playback mode.
- 8 Press the REC/OTR button on this VCR to put it in the recording pause mode.
- 9 Start playback on the source unit and search for the point from which you want to record (copy) onto this VCR.
- 10 When that point is reached, press the Pause/Slow button (⏸) on the remote control of this VCR again to start recording the new picture and sound from the playback unit.
- 11 To record (copy) additional scenes, press the Pause/Slow button (⏸) to put this VCR in the recording pause mode and then perform above steps 8 and 10 again.
- 12 At the point where you want to stop recording, press the Stop button (■) to finish recording.



Hint:

The new sound is recorded on both the Hi-Fi audio tracks and the normal audio track. The sound recorded on the normal audio track is always in mono.

Note:

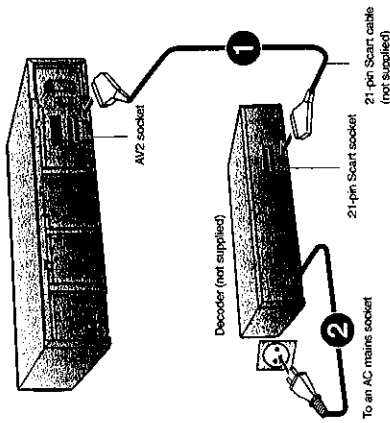
If you leave the VCR in the recording pause mode for more than 5 minutes in step 8 or 11, the VCR automatically switches over to the stop mode to protect the video heads.

Connecting the VCR to a Decoder/ Connecting the VCR to a Stereo Amplifier

To connect this VCR to a decoder or a stereo amplifier, make the connections shown in the illustration below. For the connection to the TV, see page 11.

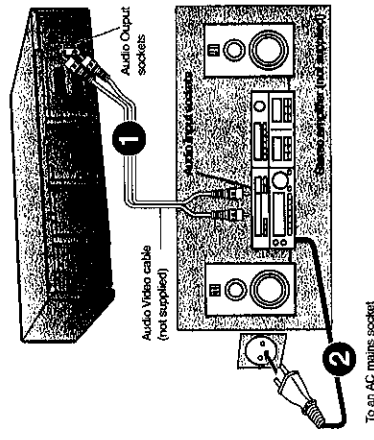
For details about the connection, also read the operating instructions of the decoder or stereo amplifier. Be sure to keep the VCR, TV and decoder or stereo amplifier switched off until you have finished all connections. For your safety, do not connect or handle the equipment with wet hands.

To Connect the VCR to a Decoder Amplifier



- 1 Connect a 21-pin Scart cable (not supplied) to the AV2 21-pin Scart socket [AV2 (DECODER/EXT)] on the VCR and to the 21-pin Scart socket on the decoder.
- 2 Connect the decoder's mains lead to an AC mains socket.
- 3 Set "AV2" to "DECODER". For details, see below.

To Connect the VCR to a Stereo Amplifier



- 1 Connect an Audio Video cable (not supplied) to the Audio Output sockets [AUDIO OUT] on the VCR and to Audio Input sockets on the stereo amplifier.
- 2 Connect the stereo amplifier's mains lead to an AC mains socket.

Hint:

"RGB" means separate Red/Green/Blue colour signals. If you connect a TV equipped with RGB input capability to the AV1 socket on this VCR, and a decoder equipped with RGB output capability to the AV2 socket, the TV can receive RGB signal input from the decoder via the VCR.

Note:

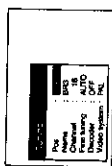
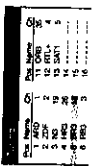
After connecting the decoder to the AV2 21-pin Scart socket [AV2 (DECODER/EXT)] on this VCR, you need to change the setting for "AV2" to "DECODER". It is initially set to "DECODER", but if it has been set to "EXT", follow the operations below.

- 1 Press the MENU button to display the Main menu on the TV screen.
- 2 Press the Cursor buttons (▲▼◀▶) to select "Functions", "AV2", and "EXT" in this order.
- 3 Press the Cursor buttons (▲▼) to set to "DECODER".
- 4 Press the OK button to conclude the setting.
- 5 Press the EXIT button to make the On Screen Display disappear.

Tuning and Assigning the TV Stations Available in Your Area to the Programme Positions (Manual Tuning)

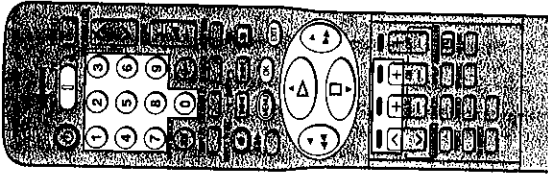
1 To Change the Order in Which the TV Stations Are Assigned to the Programme Positions

- 1 Display the VCR picture on the TV.
- 2 Set the VCR/TV switch to "VCR".
- 3 Press the MENU button to display the Main menu on the TV screen.
- 4 Press the Cursor buttons (▲▼◀▶) to select "Tuning" and "Manual" in this order.
- 5 Press the OK button to display the list of tuned TV stations.
- 6 Press the Cursor buttons (▲▼◀▶) to select the TV station that you want to assign to a different programme position.
- 7 Press the OK button to display the Manual Tuning menu.
- 8 Press the Cursor buttons (▲▼◀▶) to select the entry field for "Pos".
- 9 Press the Numeric buttons to enter the number of the desired programme position.
- 10 Press the OK button to conclude the setting.



To Exit the On Screen Display:

Press the EXIT button.



This VCR has 99 programme positions that can be preset to receive TV stations. Usually, if you switch the VCR on for the first time after making the necessary connections, the VCR will start the Download or Auto Setup function automatically so that all available TV stations in the area can be received. However, if Auto Setup is not successful due to extraordinary transmission circumstances, or if you want to change the name of a TV station or change a TV station from its regular programme position to one of your preference, you can set it up manually. This is called Manual Tuning.

If Download from the TV occurs after you have performed Manual Tuning, the manually performed tuning may be cancelled. In that case, perform Manual Tuning again.

Manual Tuning can be used for the following:

- 1 To change the order in which the TV stations are assigned to the programme positions
- 2 To enter or change the name of a TV station
- 3 To enter newly available TV stations
- 4 To obtain the best tuning condition
- 5 To preset pay TV stations
- 6 To change the type of video system (colour TV system)
- 7 To select the type of sound to be recorded
- 8 To facilitate the following operations with the instruction indications on the On Screen Display
 - To delete a programme position
 - To insert a blank programme position
 - To move a TV station to another programme position

Connecting the VCR to a Satellite Receiver

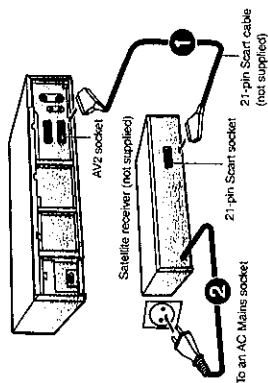
The connection method differs depending on the type of your satellite receiver. For details about the connection, also read the satellite receiver's operating instructions.

◆ If the Satellite Receiver is Equipped with a 21-pin Scart Socket

If your satellite receiver is equipped with a 21-pin Scart socket, use a 21-pin Scart cable to connect the VCR.

For the connection to the TV, refer to page 11.

Be sure to keep the VCR, TV and satellite receiver switched off until you have finished all connections. For your safety, do not connect or handle the equipment with wet hands.



- 1 Connect a 21-pin Scart cable (not supplied) to the AV2 21-pin Scart socket [AV2 (DECODER/EXT)] on the VCR and to the 21-pin Scart socket on the satellite receiver.
- 2 Connect the satellite receiver's mains lead to an AC mains socket.
- 3 Set "AV2" to "EXT". For details, see below.

Note:

- When you connect the satellite receiver to AV2 21-pin Scart socket [AV2 (DECODER/EXT)] on this VCR, you need to change the setting for "AV2" to "EXT". Follow the operations below.
 - 1 Press the MENU button to display the Main menu on the TV screen.
 - 2 Press the Cursor buttons (▲▼◀▶) to select "Functions", "AV2", and "DECODER" in this order.
 - 3 Press the Cursor buttons (▲▼) to set to "EXT".
 - 4 Press the OK button to conclude the setting.
 - 5 Press the EXIT button to make the On Screen Display disappear.

Hint:

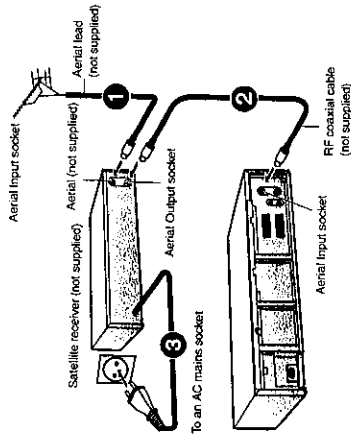
- The RF output channel of the satellite receiver should be adjusted away from channel 36, which is used by the VCR, e.g. re-adjust to channel 33.

◆ If the Satellite Receiver is Not Equipped With a 21-Pin Scart Socket

In case your satellite receiver is not equipped with a 21-pin Scart socket, use the supplied RF coaxial cable to connect it to the VCR.

For the connection to the TV, refer to page 11.

Be sure to keep the VCR, TV and satellite receiver switched off until you have finished all connections. For your safety, do not connect or handle the equipment with wet hands.



- 1 Connect the aerial lead to the Aerial Input socket on the satellite receiver.
- 2 Connect the RF coaxial cable to the Aerial Output socket (RF IN) on the VCR.
- 3 Connect the satellite receiver's mains lead to an AC mains socket.

2) To Enter or Change the Name of a TV Station

- 1 Display the VCR picture on the TV.
- 2 Press the MENU button to display the Main menu on the TV screen.
- 3 Press the Cursor buttons (▲▼) to select "Tuning" and "Manual" in this order.
- 4 Press the OK button to display the list of tuned TV stations.
- 5 Press the Cursor buttons (▲▼) to select a programme position whose TV station name is indicated as *□□□□.
- 6 Press the OK button to display the Manual Tuning menu.
- 7 Press the Cursor buttons (▲▼) to select the entry field for "Name".
 - The character list appears.
- 8 Use the Cursor buttons (▲▼) and OK button to enter the station name.
 - If the station name needs a blank space, select the blank between "Z" and "4".

To Exit the On Screen Display:
Press the EXIT button.

Hint:

- If you want to abort the entering or changing of the TV station name in step 8 above, press the EXIT button. However, as the characters that you have entered are stored as the station name, be sure to enter the correct name.

3) To Enter Newly Available TV Stations

- 1 Display the VCR picture on the TV.
- 2 Set the VCR/TV switch to "VCR".
- 3 Press the MENU button to display the Main menu on the TV screen.
- 4 Press the Cursor buttons (▲▼) to select "Tuning" and "Manual" in this order.
- 5 Press the OK button to display the list of tuned TV stations.
- 6 Press the Cursor buttons (▲▼) to select an unused programme position.
- 7 Press the OK button to display the Manual Tuning menu.
- 8 Press the Numeric buttons to enter the channel number of the desired TV station.
- 9 Press the OK button to conclude the setting.

To Exit the On Screen Display:
Press the EXIT button.

To Change the Channel Number of an Already Tuned TV Station:
You can change it in the same way as explained above. However, in step 8 select the programme position of the TV station that you want to change to another channel number, and after pressing the OK button in step 9, use the Cursor buttons (▲▼) to select the entry field for "Channel".

List of TV Reception Channels

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

*In Italy: H1...(11), H2...(12)
**Only for 8 MHz channel raster

4) To Obtain the Best Tuning Condition

- 1 Display the VCR picture on the TV.
- 2 Press the MENU button to display the Main menu on the TV screen.
- 3 Press the Cursor buttons (▲▼) to select "Tuning" and "Manual" in this order.
- 4 Press the OK button to display the list of tuned TV stations.
- 5 Press the Cursor buttons (▲▼) to select the TV station for which you want to obtain the best tuning condition.
- 6 Press the OK button to display the Manual Tuning menu.
- 7 Press the Cursor buttons (▲▼) to select the entry field for "Fine tuning".
- 8 Press the Cursor buttons (▲▼) to obtain the best tuning condition.
- 9 Press the OK button to conclude the setting.

To Exit the On Screen Display:
Press the EXIT button.

To Return the Tuning to the Original Condition (AUTO):
In step 8 above, press the Cursor button (▶).

5) To Preset Pay TV Stations

- 1 Display the VCR picture on the TV.
- 2 Press the MENU button to display the Main menu on the TV screen.
- 3 Press the Cursor buttons (▲▼) to select "Tuning" and "Manual" in this order.
- 4 Press the OK button to display the list of tuned TV stations.
- 5 Press the Cursor buttons (▲▼) to select the pay TV station.
- 6 Press the OK button to display the Manual Tuning menu.

6) To Change the Type of Video System (colour TV system)

- 1 Press the Cursor buttons (▲▼) to select the entry field for "Decoder".
 - 2 Press the Cursor buttons (▲▼) to select "ON".
 - 3 Press the OK button to conclude the setting.
- ON : To preset pay TV stations.
OFF : To preset normal TV stations.
- To Exit the On Screen Display:**
Press the EXIT button.
- 1 Display the VCR picture on the TV.
 - 2 Press the MENU button to display the Main menu on the TV screen.
 - 3 Press the Cursor buttons (▲▼) to select "Tuning" and "Manual" in this order.
 - 4 Press the OK button to display the list of tuned TV stations.
 - 5 Press the OK button to display the list of tuned TV stations.
 - 6 Press the Cursor buttons (▲▼) to select the TV station for which you want to change the type of video system.
 - 7 Press the OK button to display the Manual Tuning menu.
 - 8 Press the Cursor buttons (▲▼) to select the entry field for "Video system".
 - 9 Press the Cursor buttons (▲▼) to change the type of video system "PAL" or "MESECAM".
 - 10 Press the OK button to conclude the setting.

To Exit the On Screen Display:
Press the EXIT button.

To Return the Tuning to the Original Condition (AUTO):
In step 8 above, press the Cursor button (▶).

Restarting the Auto Setup or Download Resetting the VCR to the Shipping Condition

7 To Select the Type of Sound to Be Recorded (NV-HD640/636EC only)

Display the VCR picture on the TV.

Press the MENU button to display the Main menu on the TV screen.

Press the Cursor buttons (▲▼◀▶) to select "Tuning" and "Manual" in this order.

Press the OK button to display the list of tuned TV stations.

Press the Cursor buttons (▲▼◀▶) to select the desired TV station.

Press the OK button to display the Manual Tuning menu.

Press the Cursor buttons (▲▼◀▶) to select the entry field for "Mono".

Select "ON" if you want to record the normal (mono) sound on the hi-fi audio tracks during a stereo, bilingual or NICAM broadcast, or if the stereo sound is distorted due to inferior reception conditions.

Press the OK button to conclude the setting.

To Exit the On Screen Display:
Press the EXIT button.

8 To Facilitate the Following Operations with the Instruction Indications on the On Screen Display

- To delete a programme position
- To insert a blank programme position
- To move a TV station to another programme position

Use the coloured instruction indications displayed below the list of tuned TV stations and the corresponding coloured buttons.
If downloading of the setup data has been performed, only the instruction indication "Delete" appears.

Display the VCR picture on the TV.

Set the VCR/TV switch to "VCR".

Press the MENU button to display the Main menu on the TV screen.

Press the Cursor buttons (▲▼◀▶) to select "Tuning" and "Manual" in this order.

Press the OK button to display the list of tuned TV stations.

Press the Cursor buttons (▲▼◀▶) to select the desired TV station.

Follow the operations below:

To delete a programme position (Delete):

Press the Channel button (↵, red).

To insert a blank programme position (Add):

Press the Date button (+, green).

To move a TV station to another programme position (Move):

Press the ON button (-, yellow),

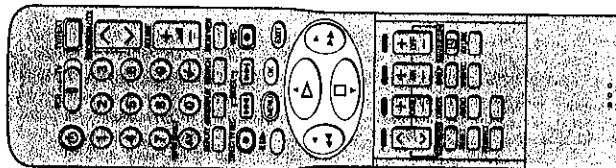
and then use the Cursor buttons (▲▼) to select the new programme position to which you want to assign the TV station.

Press the OK button to conclude the setting.

To Exit the On Screen Display:
Press the EXIT button.

Hint:

- If you have performed Manual Tuning to enter TV stations, the "—" indication may appear under "Pos/Name" on the On Screen Display when programming a ShowView timer recording.



◆ To Restart the Download

To perform the Download again, follow the operation steps below.

Display the VCR picture on the TV.

Press the MENU button to display the Main menu on the TV screen.

Press the Cursor buttons (▲▼◀▶) to select "Tuning" and "Download" in this order.

Press the OK button to prepare for Download start.

Press the OK button again to actually start the Download.

◆ To Return the VCR to the Shipping Condition

If you want to reset the VCR to the factory preset condition, follow the operation steps below.

Display the VCR picture on the TV.

Press the MENU button to display the Main menu on the TV screen.

Press the Cursor buttons (▲▼◀▶) to select "Tuning" and "Shipping condition" in this order.

Press the OK button to prepare for resetting the VCR to the shipping condition.

Press the OK button two more times to actually change the settings back to the shipping condition.

- To re-tune the VCR, disconnect and reconnect the AC Mains Cable.

Performing Auto Setup or Download automatically tunes all TV stations available in your area for the VCR.

Resetting this function is convenient when you move to another area and may need to set up the VCR again.

◆ To Restart the Auto Setup

To perform the Auto Setup again, follow the operation steps below.

Display the VCR picture on the TV.

Press the MENU button to display the Main menu on the TV screen.

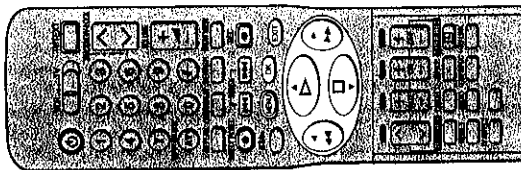
Press the Cursor buttons (▲▼◀▶) to select "Tuning" and "Auto-Setup Restart" in this order.

Press the OK button to prepare for Auto Setup start.

Press the OK button again to actually start the Auto Setup.

Other Convenient Functions (Various Settings)

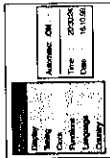
Setting the VCR's Clock



◆ To Activate the Automatic Time Correction Function

If a TV station transmits a signal for time setting, performing the operation steps below activates the Automatic time correction function and the time is corrected automatically. Display the VCR picture on the TV.

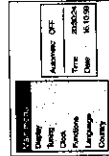
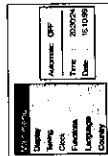
- 1 Press the MENU button to display the Main menu on the TV screen.
- 2 Press the Cursor buttons (▲▼) to select "Clock".
- 3 Use the Cursor button (▶) to move to the Clock setting menu, and then use the Cursor buttons (▲▼) to set "Automatic" to "ON".
- 4 Press the OK button to conclude the setting.
 - Under adverse reception conditions, etc., the Automatic time correction function may not work. In this case, the indication for "Automatic" is automatically reset to "OFF".
 - If the reception conditions improve later on, it may be possible to activate this function.



Usually, the VCR's Auto Setup or Download function automatically adjusts the clock to the correct time. Under some reception conditions, however, the VCR cannot set the clock automatically. In this case, follow the operation steps below to manually set the clock.

◆ To Manually Adjust the Clock

- 1 Display the VCR picture on the TV.
- 2 Press the MENU button to display the Main menu on the TV screen.
- 3 Press the Cursor buttons (▲▼) to select "Clock".
 - The Clock setting menu appears on the TV.
- 4 Use the Cursor button (▶) to move to the Clock setting menu, confirm that "Automatic" is set to "OFF", and then press the OK button.
- 5 Use the Cursor buttons (▲▼▶) to set the date and time.
- 6 Press the OK button to conclude the setting.



Hints:

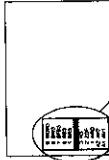
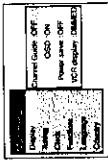
- If "Automatic" is set to "ON" when you open the Clock screen, do not set it to "OFF", otherwise, the automatic time correcting function is deactivated.
- The built-in clock employs the 24-hour system.
- In case of a power failure, an automatic back-up system automatically maintains the operation of the clock for at least 60 minutes.
- When "Automatic" on the Clock setting menu is set to "ON", the automatic time correction function checks and if necessary adjusts the time several times every day.
- The automatic time correction function only works when the VCR is switched off; it does not work in the timer recording standby mode.

To Exit the On Screen Display:
Press the EXIT button.

(1) Settings for the Main Menu Item "Display"

◆ For Automatic Display of the Channel Guide on the TV Screen Each Time You Change the Programme Position

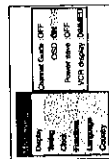
- 1 Display the VCR picture on the TV.
- 2 Press the MENU button to display the Main menu on the TV screen.
- 3 Press the Cursor button (▲▼▶) to select "Display", "Channel Guide" and "ON" or "OFF" in this order.
- 4 Press the Cursor buttons (▲▼) to select "ON".
 - Each time you change the programme position with the Channel buttons (▼/▶), the Channel Guide indication appears for a few seconds.
 - Set the VCR/TV switch to "VCR".



- 5 Press the OK button to conclude the setting.
- To Exit the On Screen Display:**
Press the EXIT button.

◆ For Automatic Display on the TV Screen of the TV Station Information, Type of Sound System of the TV Programme Being Watched and the Sound Playback Mode

- 1 Display the VCR picture on the TV.
- 2 Press the MENU button to display the Main menu on the TV screen.
- 3 Press the Cursor buttons (▲▼▶) to select "Display", "OSD" and "ON" or "OFF" in this order.
- 4 Press the Cursor buttons (▲▼) to select "ON".
 - The TV station information, type of sound system of the programme being watched and the sound playback mode are displayed on the TV screen.
- 5 Press the OK button to conclude the setting.



For optimum use of this VCR, various function settings for the items "Display" and "Functions" on the Main menu are explained below and on the following pages.

- (1) For the Main menu item "Display", the following functions can be selected:
 - Automatic display of the Channel Guide on the TV screen each time you change the programme position
 - Automatic display on the TV screen of the TV station information, type of sound system of the programme being watched and the sound playback mode
 - Reduced power consumption when the VCR is switched off
 - Automatic change of the brightness of the VCR display when the VCR is switched off
 - (2) For the Main menu item "Functions", the following settings can be made:
 - Setting of the tape length of the cassette being used to ensure correct indication of the remaining tape time
 - Setting of the type of external source equipment that is connected to the "AV2" 21-pin Scart socket
 - Setting of the type of the colour TV system to be used during playback or recording from an external source
 - (3) Language setting
 - (4) Country setting
- To activate the above functions correctly, perform the following operation steps:

Indications that Can Be Displayed on the TV Screen with This Function:

At a press of the OSD/DISPLAY button, the following indications appear on the TV screen.

- ① TV station name
- ② Video system (colour TV system)
- ③ STEREO or BILINGUAL Indicator (NV-HD640/636EG)

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, M1 and M2 Indicator (NV-HD640/636EG)
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 dual-sound NICAM broadcast.
M1: When receiving a NICAM monaural broadcast.

④ **Sound mode during playback (L/R)**
At each press of the AUDIO button, the selected playback sound is indicated with L (Left) and R (Right).

Stereo playback:
The L and R indications are displayed.
Left audio channel playback:
The L indication alone is displayed.
Right audio channel playback:
The R indication alone is displayed.
Playback of normal audio track:
Neither L nor R indication is displayed.

⑤ **Tape speed indicator**
⑥ **Tape running display**

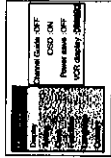
Stop, Eject	□
Rewind	◀◀
Fast Forward	▶▶
Playback	▶
Recording	●
Repeat Playback	R

⑦ **Present time/Tape counter/Remaining tape time/Index Search/One-Touch Recording (OTR)/Playback Off Timer Function**

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
Playback Off Timer Function	30

◆ For Automatic Change of the Brightness of the VCR Display When the VCR Is Switched Off

- ① Display the VCR picture on the TV.
- ② Press the MENU button to display the Main menu on the TV screen.



- ③ Press the Cursor buttons (▲▼◀▶) to select "Display", "VCR display" and "ON", "OFF", or "DIMMED" in this order.

- ④ Press the Cursor buttons (▲▼) to select the desired condition.

• When the VCR is switched off, the brightness of the VCR display is as follows:
ON: Indications are brightly lit.
OFF: Indications are not lit.
DIMMED: Indications are dimly lit.

- ⑤ Press the OK button to conclude the setting.

To Exit the On Screen Display:
Press the EXIT button.

(2) Settings for the Main Menu Item "Functions"

◆ To Set the Tape Length of the Cassette Being Used to Ensure Correct Indication of the Remaining Tape Time

- ① Display the VCR picture on the TV.
- ② Press the MENU button to display the Main menu on the TV screen.



- ③ Press the Cursor buttons (▲▼◀▶) to select "Functions", "Tape length" and "E-180" in this order.

- ④ Press the Cursor buttons (▲▼) to select the tape length of the cassette being used

◀E-180: For E30, -60, -90, -120 and -180 tapes
E-195: For E195 tape
E-240: For E240 tape
E-280 ▶: For E280 and -300 tapes

- ⑤ Press the OK button to conclude the setting.

To Exit the On Screen Display:
Press the EXIT button.

◆ To Set the Type of External Source Equipment that Is Connected to the AV2 21-pin Scart Socket

- ① Display the VCR picture on the TV.
- ② Press the MENU button to display the Main menu on the TV screen.



- ③ Press the Cursor buttons (▲▼◀▶) to select "Functions", "AV2" and "DECODER/EXT" in this order.

- ④ Press the Cursor buttons (▲▼) to select the type of external source equipment which is connected to the VCR's AV2 21-pin socket.

• Set the external source equipment as follows:
DECODER: When a decoder is connected
EXT: When another VCR or a satellite receiver is connected

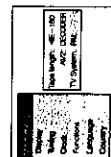
- ⑤ Press the OK button to conclude the setting.

To Exit the On Screen Display:
Press the EXIT button.

Note:
• Even if you have selected the correct tape length, the remaining tape time may not be indicated correctly with certain kinds of cassettes.

◆ To Set the Type of the Colour TV System Used During Playback or Recording from an External Source

- ① Display the VCR picture on the TV.
- ② Press the MENU button to display the Main menu on the TV screen.



- ③ Press the Cursor buttons (▲▼◀▶) to select "Functions", "TV system" and "PAL/MESECAM" in this order.

- ④ Press the Cursor buttons (▲▼) to select the type of colour TV system (PAL or MESECAM) to be used during playback or during recording from an external source.

- ⑤ Press the OK button to conclude the setting.

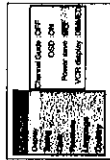
To Exit the On Screen Display:
Press the EXIT button.

Notes:

- If "OSD" is set to "OFF", none of the above indications appear.
- None of the above indications appear during special playback.
- During playback and when the AV input for the external source is selected, indications ①, ② and ③ do not appear.

◆ For Reduced the VCR's Power Consumption When the VCR is Switched Off

- ① Display the VCR picture on the TV.
- ② Press the MENU button to display the Main menu on the TV screen.



- ③ Press the Cursor buttons (▲▼◀▶) to select "Display", "Power save" and the entry field for "Power save" in this order.

- ④ Press the Cursor buttons (▲▼) to select "ON" or "OFF".

ON: In this setting, the power consumption is greatly reduced (less than 4 W) when the VCR is turned off (Standby mode). In this case, the following happens:

- The item: "VCR display" is automatically set to "OFF".
- To turn the VCR on, keep the Power button (⏻) pressed on the VCR main unit. It is not possible to turn it on with the remote control.
- The Power save function works only when the VCR is turned off (Standby mode). It does not operate in the timer recording standby mode. After all programmed timer recordings have been made, or after you have erased all timer recording programmings, the VCR switches over to the Power save mode.
- When the VCR is off, Pay TV programmes cannot be watched on the TV because the signal from the connected decoder is not looped through. To watch them, turn on the VCR.

OFF: In this setting, the power consumption is not reduced when the VCR is turned off (Standby mode).

- ⑤ Press the OK button to conclude the setting.

To Exit the On Screen Display:
Press the EXIT button.

Glossary

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 TV 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 TV 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 on the right.

(3) Language Setting

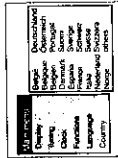
- 1 Display the VCR picture on the TV.
- 2 Press the MENU button to display the Main menu on the TV screen.
- 3 Press the Cursor buttons (▲▼) to select "Language", and then press the Cursor button (▶).
- 4 Press the Cursor buttons (▲▼) to select the desired language.
- 5 Press the OK button to conclude the setting.



To Exit the On Screen Display: Press the EXIT button (⓪).

(4) Country Setting

- 1 Display the VCR picture on the TV.
- 2 Press the MENU button to display the Main menu on the TV screen.
- 3 Press the Cursor buttons (▲▼) to select "Country", and then press the Cursor button (▶).
- 4 Press the Cursor buttons (▲▼▶) to select the desired country.
- 5 Press the OK button to conclude the setting.



To Exit the On Screen Display: Press the EXIT button (⓪).

Programming method	ShowView programming	Changes in ShowView programming start time	Non-ShowView programming
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

• If the broadcasting station is not transmitting VPS/PDC signals, "----" appears in the menu for timer programming under "VPS/PDC".

NICAM Broadcasting System (NV-HD640/636EC only)

NV-HD640/636EC model features the NICAM digital sound system, a 2-channel sound broadcast system that provides either 2 high-quality stereo sound tracks or 2 independent mono sound tracks, M1 and M2.

NICAM programmes are always accompanied by standard (mono) sound broadcasts, and during playback, you can select the desired sound with the AUDIO button.

- The NICAM stereo sound can only be recorded on the Hi-Fi audio tracks.
- If, for some reason, you want to record a stereo, bilingual or NICAM TV programme intentionally in mono on the Hi-Fi audio tracks, set "Mono" to "ON" for the programme position on which the desired programme is broadcast, as described on page 42.

Important Note on the NICAM System

When NV-HD640/636EC model is switched on, the tuner automatically switches to a NICAM broadcast if NICAM is being transmitted. During test transmissions, it is possible that the sound received does not correspond to the picture being viewed. In order to receive synchronised sound and picture, select monaural sound with the AUDIO button or setting "Mono" to "ON". This applies only until NICAM transmissions are fully operational. Even if the sound track is in mono, the STEREO indication will appear.

Cautions

Be sure to read the cautions carefully before you operate this VCR.

Avoid sudden changes in temperature

If the VCR is moved suddenly from a cold to a warm place, condensation may form on the tape surface and inside the VCR. If this happens, leave the VCR at room temperature for at least 1 hour before operating it.

Avoid humidity and dust

Do not use the VCR in very humid or dusty places. This may cause damage to its internal parts.

Do not cover the ventilation holes

The ventilation holes prevents excessive heat build-up inside the VCR during extended periods of use. Do not block these holes; especially avoid covering them with soft materials such as paper or cloth.

Keep the VCR away from high temperatures

Keep the VCR away from extreme heat such as direct sunlight, heating radiators, or closed automobiles.

Avoid magnets or magnetized objects

Never bring a magnet or magnetized object close to the VCR because this could adversely affect the performance of the VCR. When using the VCR together with other equipment, keep as much distance as possible between them to prevent them from adversely affecting each other's performance.

No fingers or other objects inside

Touching internal parts of the VCR is dangerous, and may seriously damage it. Do not attempt to disassemble the VCR. There are no user-serviceable parts inside.

Keep water away

Keep the VCR away from flower vases, tubs, sinks, etc.
Caution: If water or some other liquid is spilled into the VCR, serious damage could occur. If you spill any liquid into the VCR, consult qualified service personnel.

Lightning

To avoid damage by lightning, disconnect the aerial plug from the VCR during lightning storms.

Cleaning the VCR

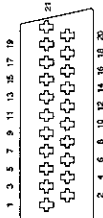
Wipe the VCR with a clean, dry cloth. Never use any cleaning fluid or other chemicals. Also do not use compressed air to remove dust.

Stacking

Install the VCR in a horizontal position and do not place anything heavy on it.

21-pin Scart Socket

The 21-pin Scart socket transmits both input and output signals for picture and sound. TVs equipped with the same type of socket can be connected here.
 This type of socket is also called Peritel, Euro Connector and Euro AV.



AV1 Scart Socket (for Q Link connection)

- 1 Audio output CH2 (R)
- 2 Audio input CH2 (R)
- 3 Audio output CH1 (L)
- 4 Audio ground
- 5 Blue ground
- 6 Audio input CH1 (L)
- 7 Blue
- 8 Switching voltage
- 9 Green ground
- 10 Q Link data
- 11 Green
- 12 Reserved
- 13 Red ground
- 14 Blanking ground
- 15 Red
- 16 Blanking
- 17 Video output ground
- 18 Video input ground
- 19 Video output
- 20 Video input
- 21 Ground

AV2 Scart Socket

- 1 Audio output CH2 (R)
- 2 Audio input CH2 (R)
- 3 Audio output CH1 (L)
- 4 Audio ground
- 5 Blue ground
- 6 Audio input CH1 (L)
- 7 Blue
- 8 Switching voltage
- 9 Green ground
- 10 Control signal
- 11 Green

The Red, Green and Blue (RGB) video signals are looped through only from an external source unit, for example from a connected pay-TV decoder, i.e. they are not from tape playback.

Q Link Function

This function works only if the VCR is connected via a fully-wired 21-pin Scart cable to a TV featuring the Q Link or similar function.
 Q Link offers the following functions:

- (1) Download from the TV
 When you connect the VCR to a TV, the station list data is automatically copied from the TV to the VCR, and the TV stations are assigned to the programme positions on the VCR in the same order as on the TV.
- (2) Direct TV Recording
 By simply pressing the DIRECT TV REC button, you can at once record the same programme that you are watching on the TV.
- *(3) TV/VCR Auto Power On
 Even if the TV and the VCR are off (standby mode), pressing the Play (>) , SHOW VIEW or PROG/CHECK button automatically turns on both the TV and the VCR.
 - When a cassette with a broken erasure prevention tab is in the VCR, it turns on and starts playback. The TV also turns on.
- *(4) VCR Auto Power Off
 When you turn the TV off, the VCR is turned off as well. However, this function only works during rewinding, in the stop mode, or when no cassette is inserted.
 If the VCR receives the Auto Power Off command while it is rewinding the tape, it turns off after the rewinding has been finished.
 This function does not work during the following operations:
 Preset Download, Auto Setup, Auto Clock Setting and Manual Tuning.
- *(5) On Screen Display Messages
 Even when you are watching a TV programme, the following VCR message appears on the TV screen when a timer recording starts:
 "This programme has already started"
 • Depending on the type of TV used, the above message may not appear correctly.

• The above operations marked with asterisk are only available if the VCR is connected to a TV featuring the Q Link or the DATA LOGIC function.

Crystal View Control (CVC)

The crystal view control function ensures that you always obtain the optimum picture quality so that you get the best picture automatically.
 While the VCR is turned on, the CVC indication is always displayed to show that the Crystal View Control is activated.

4 ADJUSTMENT PROCEDURES

4.1. DISASSEMBLY METHOD

4.1.1. 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.

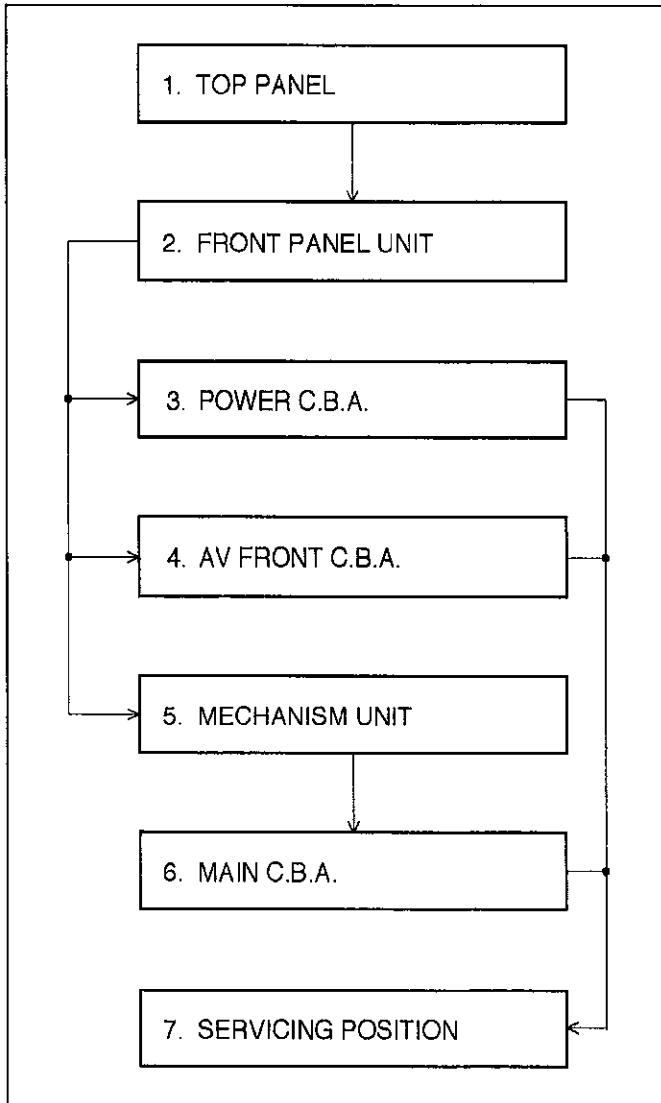


Fig. D1

4.1.2. DETAIL OF DISASSEMBLY METHOD

1. REMOVAL OF THE TOP PANEL

Remove	4 Screws (A)
--------	--------------

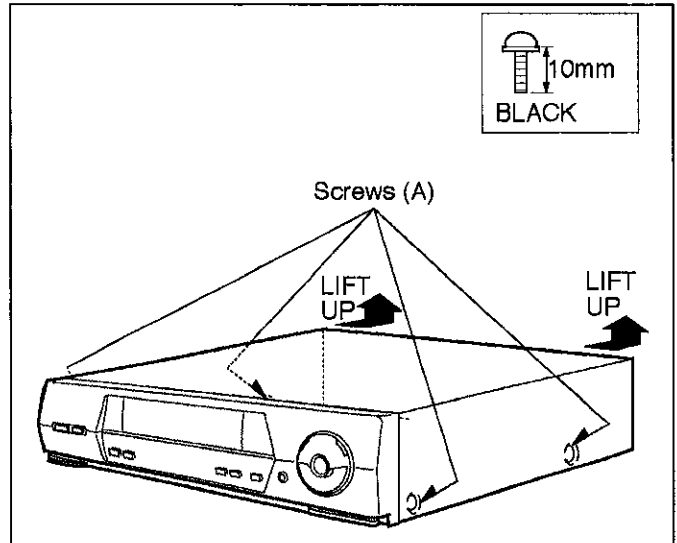


Fig. D2

2. REMOVAL OF THE FRONT PANEL UNIT

Unlock	7 Tabs (B)
--------	------------

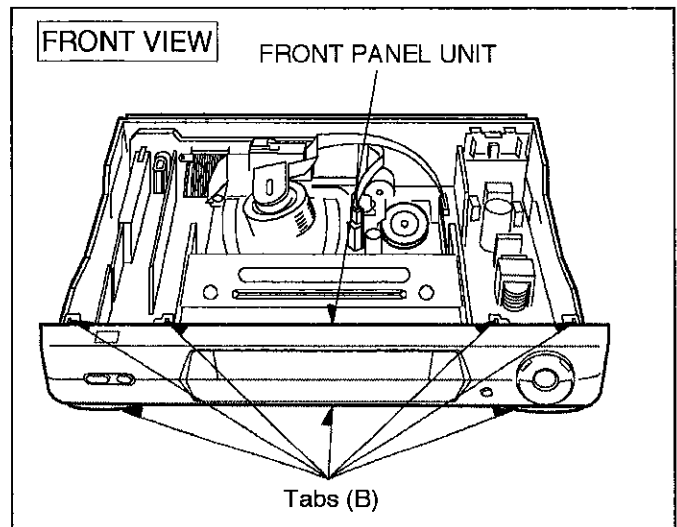


Fig. D3

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

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

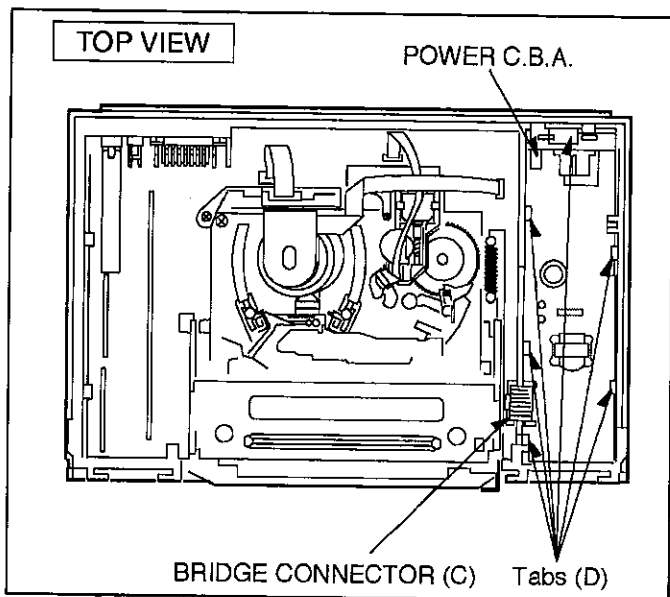


Fig. D4

CAUTIONS:

Please pay an attention to disconnect the connector (P1001-P1103) which connected between Main C.B.A. and Power supply unit as shown below.

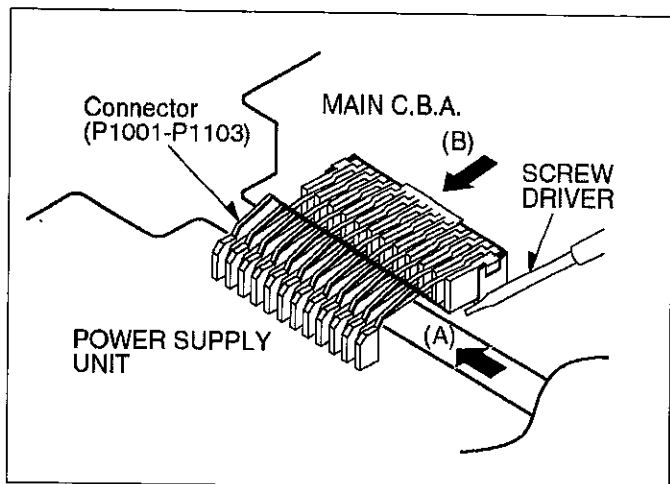


Fig. D5

As above drawing, disconnect the connector by SCREW DRIVER from the direction (A).
Do not disconnect from direction (B) because it is possibility to damage the parts located by the connector.

4. REMOVAL OF THE AV FRONT C.B.A.

REMOVAL OF THE AV FRONT C.B.A.	
Unlock	2 Tabs (E)

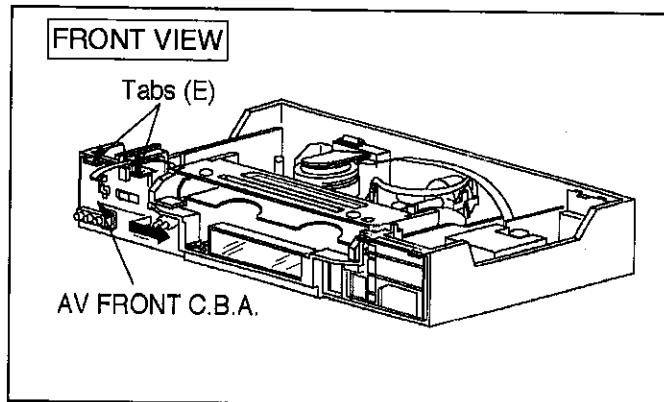


Fig. D6

5. REMOVAL OF THE MECHANISM UNIT

Remove	3 Screws (F)
Remove	2 Screws (G)

Note:

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

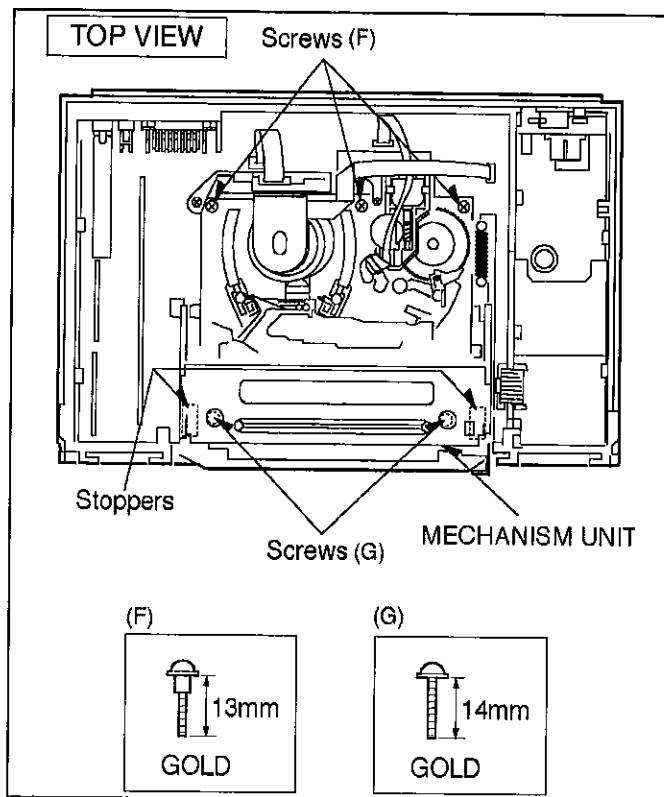


Fig. D7

6. REMOVAL OF THE MAIN C.B.A.

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

4.2. MECHANICAL ADJUSTMENT PROCEDURES

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

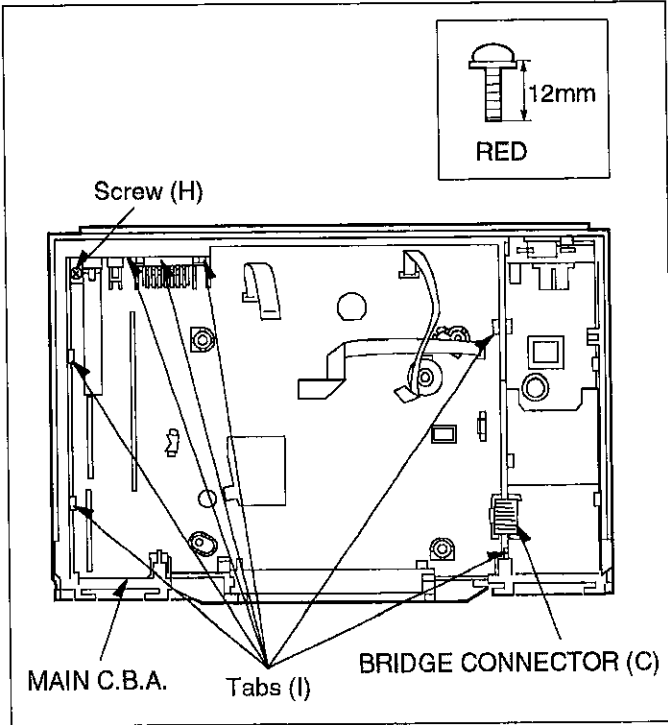


Fig. D8

7. SERVICING POSITION

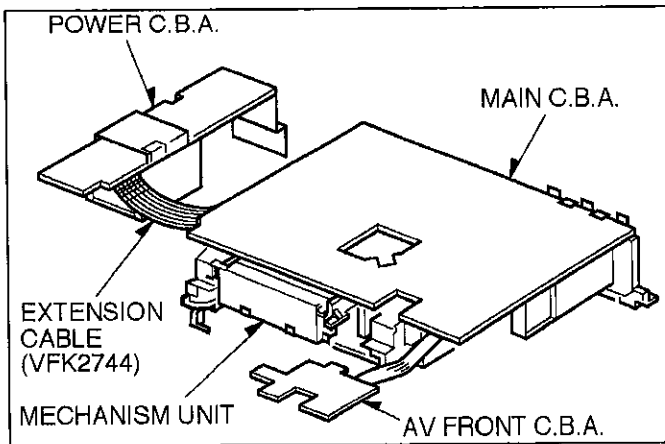


Fig. D9

4.3. ELECTRICAL ADJUSTMENT PROCEDURES

4.3.1. TEST EQUIPMENT

The following equipments are required for Electrical Adjustments.

1. Dual-Trace Oscilloscope
 - Voltage Range: 0.005-5V/div
 - Frequency Range: DC-35MHz
 - Probes: 10:1 / 1:1
2. Frequency Counter
 - Frequency Range: 0-10MHz
 - Probes: 1:1
3. Universal Counter
4. Digital Volt Meter (D.V.M.)
5. Video Sweep Generator
6. Sinewave Generator

7. Video Pattern Generator
8. Monitor TV
9. DC Power Supply
10. VHS Blank Tape
11. VHS Alignment Tape
 - Parts No.: VFJ8125H3F(PAL)
 - Parts No.:VFM8080HQFP(NTSC)

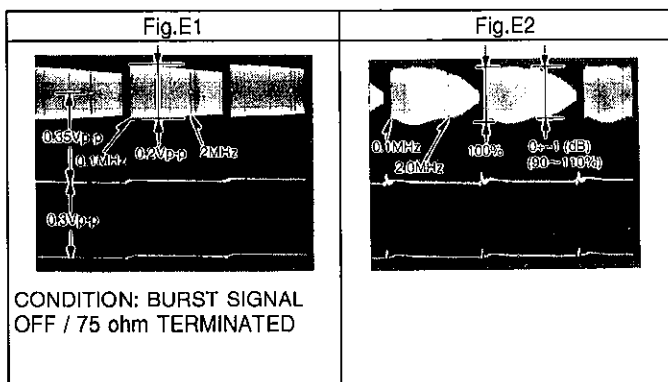
4.3.2. VCR SETTING

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

1. TAPE SPEED: SP
2. CHANNEL: AV1/AV2/AV3
(Set to signal input terminal number)

4.3.3. ADJUSTMENTS

ITEM	TP	ADJ.	MODE	INPUT	TAPE	M. EQ.	SPEC.	REMARKS
PG SHIFTER ADJUSTMENT	---	---	PLABACK	---	ALIGNMENT TAPE (PAL)	---	---	Refer to procedure of PG SHIFTER ADJUSTMENT as shown in Fig.E3.
AI FUNCTION ADJUSTMENT	---	---	PLAYBACK (SELF-REC)	PAL COLOUR BAR	BLANK TAPE	---	---	1. Refer to the procedure of AI FUNCTION ADJUSTMENT as shown in Fig.E4. 2. This adjustment has to be done before VIDEO FREQUENCY RESPONSE ADJUSTMENT.
VIDEO FREQUENCY RESPONSE ADJUSTMENT	VIDEO OUT	VR3012 (SP) VR3013 (LP)	SP/LP PLAYBACK (SELF-REC)	VIDEO SWEEP (See Fig.E1)	BLANK TAPE	OSCILLOSCOPE/ VIDEO SWEEP GENERATOR	SP: 0+1 (dB) (90~110%) LP: 0+1 (dB) (90~110%) (See Fig. E2)	1. Connect a jumper wire between pin 6 of IC6001 and GND. (TEST MODE) 2. Set the Video sweep signal. (See Fig.E1)



4.3.4. PG SHIFTER ADJUSTMENT (AUTOMATIC)

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: VFJ81215H3F) (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"> Adjustment completed: The tape will be ejected. Adjustment incompleted: "F2*" is indicated on the FIP. Check the Servo/System Control circuit and Cylinder Unit. 	
To release Service Mode, press the FF and EJECT keys simultaneously 6 times until the normal indication on the FIP.	

Fig. E3

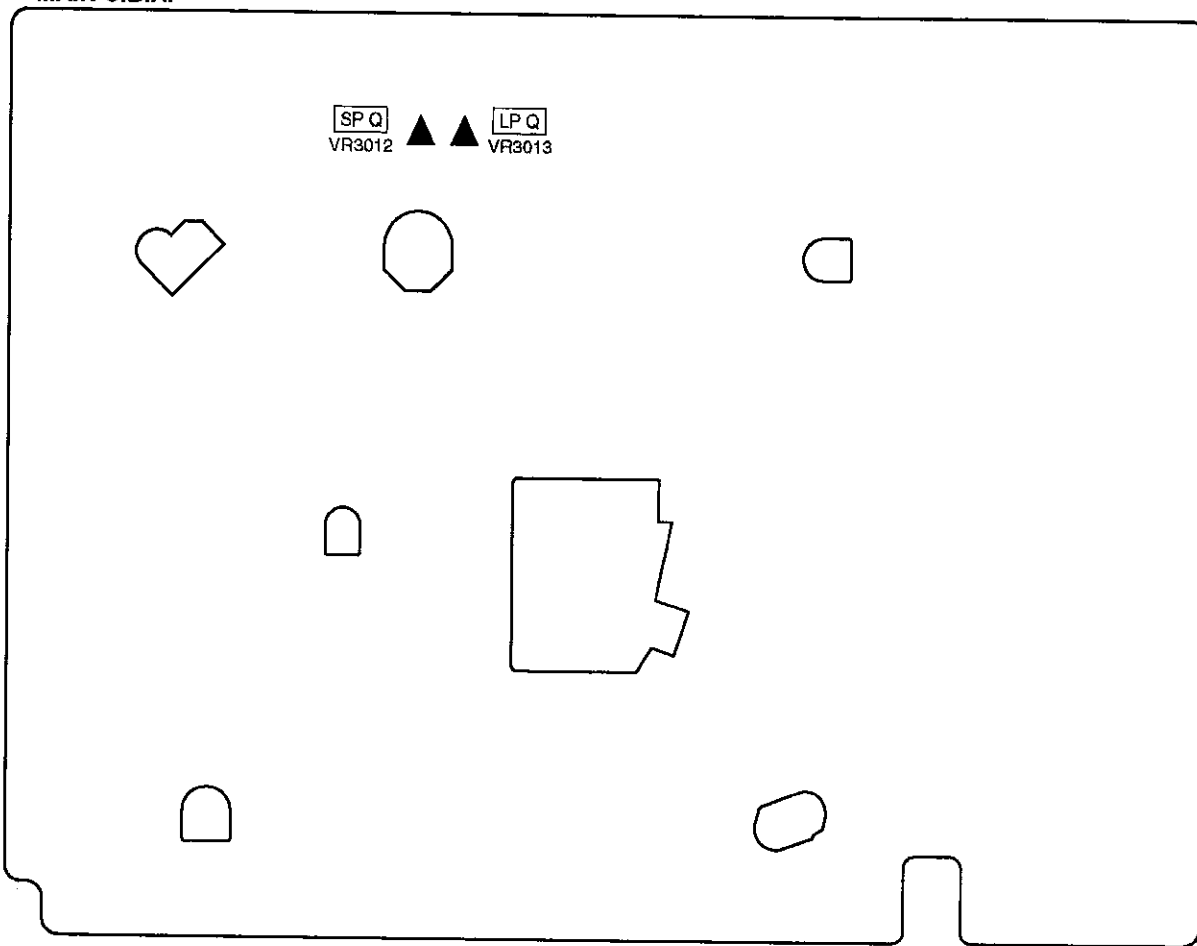
4.3.5. AI FUNCTION ADJUSTMENT (AUTOMATIC)

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 button 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"> Adjustment completed: The VCR goes to STOP Mode. 	
To release Service Mode, press the FF and EJECT keys simultaneously 6 times until the normal indication on the FIP.	

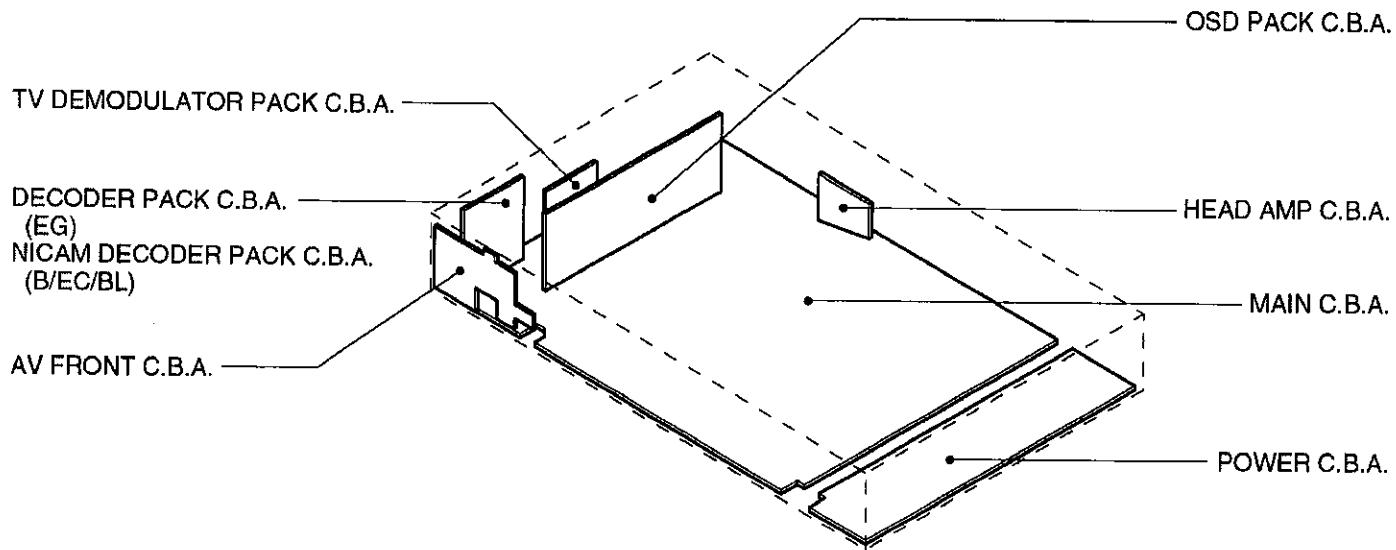
Fig. E4

4.3.6. LOCATION OF TEST POINTS & CONTROLS

MAIN C.B.A.



4.3.7. CIRCUIT BOARD LAYOUT



5 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
A/VS/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 (+)
	ARTIFICIAL VERTICAL SYNC SIGNAL	CHP	CONTROL SIGNAL (-)
	TEST/NORMAL/SERVICE	CINEM [L]	CINEMA ①
AT. V/H/N		CINEMA [L]	CINEMA ①
ATSW/TEST/NOR/SE		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 ⊕
LINE OUT [L]	LINE OUTPUT (L)	P-OFF [L]	POWER OFF ⊙
LINE OUT [R]	LINE OUTPUT (R)	P. FAIL	POWER FAILURE DETECT
LP [H]	LP ⊕	P. OFF [H]	POWER OFF ⊕
LPTRI [L]	LP TRICK PLAY ⊙	P. OFF [L]	POWER OFF ⊙
Lch/A. DUB	Lch/AUDIO DUBBING	PAL [H]	PAL ⊕
M GND	MOTOR GND	PAL [L]/NTSC [H]	PAL ⊙/NTSC ⊕
M REG	MOTOR REGULATOR	PB ADJ OUT	PLAYBACK ADJUST OUTPUT
MAIN OUT	MAIN OUTPUT	PB OUT	PLAYBACK OUTPUT
MAIN [L]	MAIN ⊙	PB. H	PLAYBACK ⊕
MAIN/MONO	MAIN/MONAUROAL	PFG	PG/FG
MAX IN	MAXIMAM INPUT	PHOTSN +B	PHOTO SENSOR +B
MES [H]	MESECAM ⊕	PICT. CNT	PICTURE CONTROL
MESE [H]	MESECAM ⊕	PLAY LED/RVS LED	PLAY LED/REVERSE LED
MESE [L]	MESECAM ⊙	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 ⊕
METER [R]	LEVEL METER (R)	POWER OFF [L]	POWER OFF ⊙
METER. L/AVS	LEVEL METER (L)	PREROLL [H]	PREROLL ⊕
METER. R/AVC	LEVEL METER (R)	PWRFAIL	POWER FAILURE DETECT
MI/BI [L]	MIX ⊕/BILIGUAL	R. CH [H]	Rch ⊕
MIC GND	MIC GND	R. CH [L]	Rch ⊙
MIC IN	MIC INPUT	R. ST	RESET
MIC IN [L]	MIC INPUT (L)	R/S/F	REVERSE ⊕/STOP ⊕/FORWARD ⊙
MIC IN [R]	MIC INPUT (R)	RCH [H]	Rch ⊕
MIC [H]	MIC ⊕	REC 12V	RECORDING 12V
MIX [H]	MIX ⊕	REC CHROMA	RECORDING CHROMINANCE SIGNAL
MIX [H]/CINEMA [L]	MIX ⊕/CINEMA SOUND ⊙	REC H	RECORDING ⊕
MIX/CINE	MIX ⊕/CINEMA SOUND ⊙	REC IN	RECORDING INPUT
MIX/CINEMA [L]	MIX ⊕/CINEMA SOUND ⊙	REC OUT [L]	RECORDING OUTPUT ⊙
MN. H/M. L	MONAURAL ⊕/MAIN ⊙	REC START	RECORDING START
MN. H/MAI. L	MONAURAL ⊕/MAIN ⊙	REC VR [C]	RECORDING VOLUME (COMMON)
MN2/MES. L	MONAURAL 2/MESECAM ⊙	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 ⊕
MODE. S. OUT	AUDIO MODE SELECT OUTPUT	REC. C	RECORDING CHROMINANCE SIGNAL
MONO [H]	MONAURAL ⊕	REC. Y	RECORDING LUMINANCE SIGNAL
MONO [H]/MAIN [L]	MONAURAL ⊕/MAIN ⊙	REC/EE CTL	RECORDING/EE CONTROL
MONO2 [L]	MONAURAL 2	REEL-T	REEL PULSE (TAKE-UP)
MONO2/MESE [FM(L)]	MONAURAL 2/MESECAM (FM ⊙)	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 ⊙	REV MOTOR V1	REVIEW MOTOR
NOL [H]	PAL ⊕/4.43 NTSC ⊕/3.58 NTSC ⊙	REV MOTOR V2	FORWARD/REVERSE
NOR/SOFT [H]	NORMAL/SOFT TAPE PLAY ⊕	REV MOTOR [+]	REVIEW MOTOR V1
NORMAL [H]	NORMAL ⊕	REV MOTOR [-]	REVIEW MOTOR V2
NR BIAS	NR BIAS	REV. M. GND	REVIEW MOTOR (+)
NTSC [L]	NTSC ⊙	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 Ⓛ	T. END [L]	TAPE END Ⓛ
Rch/INST	Rch/INSERT	T. PHOTO	TAKE-UP PHOTO TRANSISTOR
S IN	SERIAL DATA INPUT	T. TAPE END [L]	TAPE END Ⓛ
S OUT	SERIAL DATA OUTPUT	T. TAPE END [L]/CAM	TAPE END Ⓛ/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 Ⓛ
S. CLK/AV	SERIAL CLOCK/AV	TRICK [L]	TRIC PLAY Ⓛ
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 Ⓛ	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 ⊕	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 ⊕
SLW TR. REF	SLOW TRACKING REFERENCE	TV. AUDIO	TV AUDIO
	VOLTAGE	TV/VTR	TV/VTR
SNS. GND	SENSOR GND	TXTON [L]	TEXT ON Ⓛ
SOFT [H]	SOFT TAPE PLAY ⊕	U. REG45V	UNREGULATOR 45V
SOFT [H]/NORMAL	SOFT TAPE PLAY ⊕/NORMAL ⊕	UNREG	UNREGULATOR
SOLENOID ON [L]	SOLENOID ON Ⓛ	UNREG19V	UNREGULATOR 19V
SP [H]	SP ⊕	V. REF	REFERENCE VOLTAGE
SP/L/SLP	SP/LP	V. EE [H]	VIDEO EE ⊕
SSS [L]	SLOW/STILL/STOP	V. EE [L]	VIDEO EE Ⓛ
STEREO LED	STEREO LED	VCO REF	REFERENCE OSCILLATER
STEREO [H]	STEREO ⊕	VD. IN	VIDEO SIGNAL INPUT
STEREO [L]	STEREO Ⓛ	VD. OUT	VIDEO SIGNAL OUTPUT
STOP. PO	STOP POSITION	VIDEO EE [L]	VIDEO EE Ⓛ
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 Ⓛ
STOP2/S-TAB	STOP 2 POSITION/SAFETY TAB SW	VSS	VERTICAL SYNC SIGNAL
STREO [H]	STEREO ⊕	VTR [H]	VTR ⊕
SUB BIAS	SUB BIAS	VTR. 12V	VTR 12V
SUB. SW	SUB SW	X IN	OSCILLATOR INPUT
SVHS CAS [L]	S-VHS CASSETTE Ⓛ	X OUT	OSCILLATOR OUTPUT
SW. 5. DET	SW 5V DETECT		
SYNC [L]	SYNC Ⓛ		

6 INPUT/OUTPUT CHART

6.1. 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	O	Not used																			
5	I	L6/U6/U4/U2/U2L	Cylinder unit (HI-FI/Normal) selection. <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Input voltage</th> <th>Cylinder Type</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 Type	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 Type	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" style="margin-left: 20px;"> <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>Test2</td> </tr> <tr> <td>Less than 1.0V</td> <td>Test1</td> </tr> </tbody> </table>	Input voltage	Mode	More than 4.0V	Normal	2.5V - 4.0V	Service	1.0V - 2.5V	Test2	Less than 1.0V	Test1								
Input voltage	Mode																				
More than 4.0V	Normal																				
2.5V - 4.0V	Service																				
1.0V - 2.5V	Test2																				
Less than 1.0V	Test1																				
7	I	S-PHOT	This port receives 2.4V or less when Supply photo sensor detects the tape end.																		
8	I	T-PHOT	This port receives 2.4V or less when Take-up photo sensor detects the tape beginning.																		
9	I	TRACKING ENVE	Playback envelope input for auto tracking adjustment and CVC.																		
10	O	Not used																			
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 control signal input and Digital Link 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

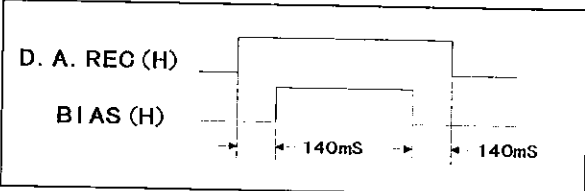
Pin No.	In/Out	Port Name	Function																																				
26	O	D.A.REC(H)	DC voltage control for recording mode. 																																				
27	O	BIAS(H)																																					
28	O	FM.MUTE(H)	This port is high during special playback (CUE,REV,SLOW,STILL) mode, head cleaning and so on.																																				
29	O	VSYNC(L)	This port is low when detecting the V-Sync signal.																																				
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																																			
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																																				
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	Not used																																					
47	O	Not used																																					
48	O	CAL(H)	This port supplies high during audio IC automatic adjustment.																																				

Fig.MP2

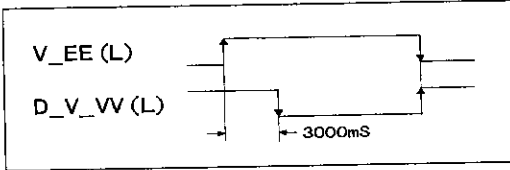
Pin No.	In/Out	Port Name	Function
49	O	AI MESH(H)	This port is high when measuring the head and tape condition to determine the optimum recording current before starting the AI recording.
50	O	HALF WAVE(H)	Capstan driver selection.
51	O	P.OFF(H)	Power on/off control.
52	O	FF/REW(L)	This port supplies low during FF and REW modes.
53	O	Not used	
54	O	Not used	
55	O	UNLOADING(H)	This port supplies high during the mechanism is unloaded.
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	D V VV(L)	This port is low during VV mode. 
63	O	Not used	
64	O	Not used	
65	O	T2.DATA.OUT	Serial data output for factory.
66	I	T2.DATA.IN	Serial data input for factory.
67	O	T2.CLOCK	Serial data clock for factory.
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 when inserting the cassette tape with safety tab.

Fig.MP3

Pin No.	In/Out	Port Name	Function
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 BIAS (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. In SECAM model, this port is high when using 24u head chip for LP mode is mounted on the cylinder.
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	O	Not used	

Fig.MP4

Pin No. Suffix	System 2 Pin 60	System 4 Pin 59	System 5 Pin 61
ALL	SECAM(L) H : OTHER L : SECAM	I/L/DK/BG H : I/L IN : DK L : BG	NTSC (L) H : 50Hz L : 60Hz

Fig.MP5

6.2. TRUTH TABLE (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.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	

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				
		VTR	EE	L	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	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				

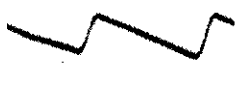





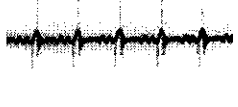











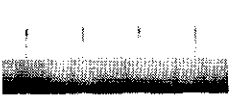

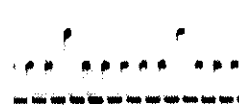
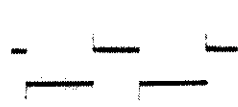








INPUT CONDITION							OUTPUT RESULT								
POWER	AV2 SELECT	TV/ VTR	EE/ VV	OSD ON(H)	INPUT CH	AV2 PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT			
P.ON	DECODER	TV	EE	H	AV3	L	VTR OUT	AV1 IN	H	OFF	AV3	AV3			
						H	VTR OUT	AV1 IN	H	OFF	AV3	AV3			
					SAT.NOR TUN	L	VTR OUT	AV1 IN	H	OFF	SAT.TUN	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	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			
		AV 3	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	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	--	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				















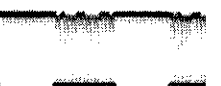









6.3. TRUTH TABLE (B/BL MODEL)

INPUT CONDITION						OUTPUT RESULT							
POWER	AV2 SELECT	EE/VV	OSD ON(H)	INPUT CH	AV 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						

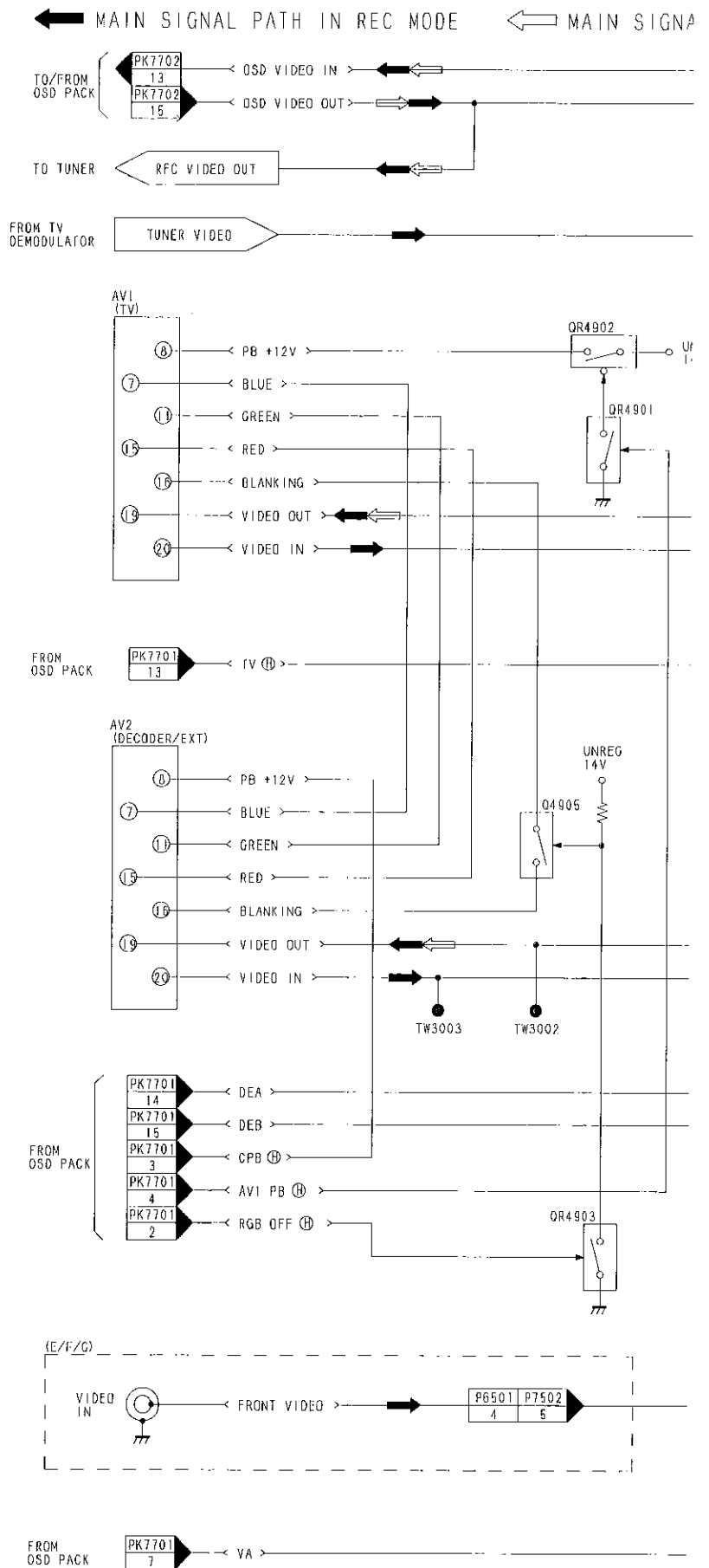
INPUT CONDITION						OUTPUT RESULT										
POWER	AV2 SELECT	EE/VV	OSD ON(H)	INPUT CH	AV PB(H)	AV1 OUT	AV2 OUT	AV1 PB(H)	RGB SW	VCR IN	VCR OUT					
P.ON	EXT	EE	L	TUNER	---	VTR OUT	VTR OUT	L	OFF	TUN	TUN					
				AV1	---	VTR OUT	VTR OUT	L	OFF	AV1	AV1					
				AV2	---	VTR OUT	VTR OUT	L	ON	AV2	AV2					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

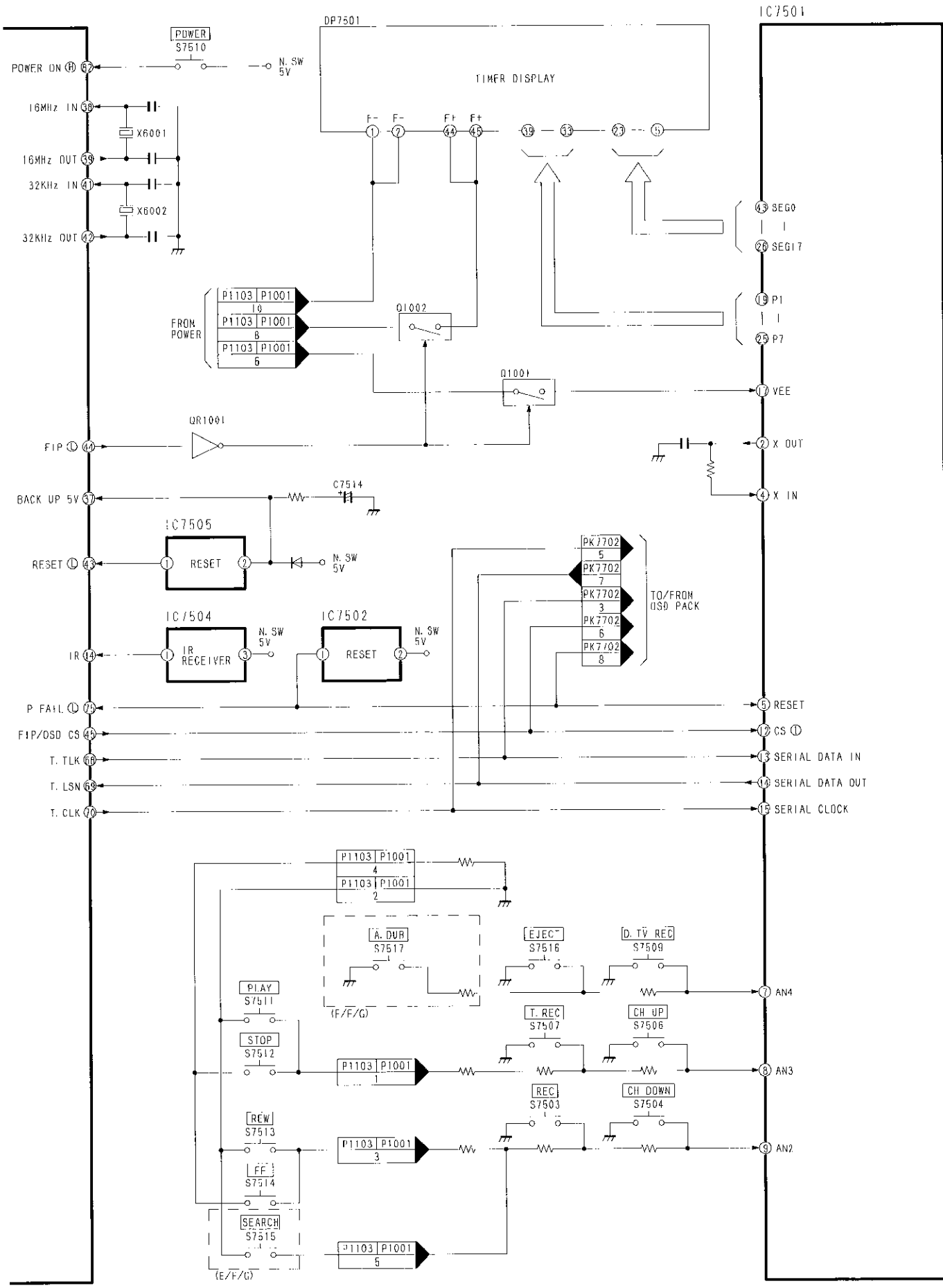
7 WAVEFORM TABLE

 <p>T1101-3 STOP 8.0Vp-p (2msec. div.)</p>	 <p>T1101-7 STOP 100Vp-p (5μsec. div.)</p>	 <p>IC1101-1 STOP 500Vp-p (5μsec. div.)</p>	 <p>IC1101-2 STOP 11Vp-p (10μsec. div.)</p>	 <p>IC1101-4 STOP 0.8Vp-p (10μsec. div.)</p>
 <p>IC1101-5 STOP 1.4Vp-p (10μsec. div.)</p>	 <p>IC1101-6 STOP 4.0Vp-p (10μsec. div.)</p>	 <p>IC1101-7 STOP 0.6Vp-p (10μsec. div.)</p>	 <p>Q1111-1 STOP 0.5Vp-p (5μsec. div.)</p>	 <p>IC2501-1,2,16 REC 9.0Vp-p (2msec. div.)</p>
 <p>IC6001-13 PAUSE 4.8Vp-p (10msec. div.)</p>	 <p>IC6001-15 REC 4.8Vp-p (10msec. div.)</p>	 <p>IC6001-18 REC 5.0Vp-p (10msec. div.)</p>	 <p>IC6001-68,69 REC 5.0Vp-p (5msec. div.)</p>	 <p>IC6001-70 REC 5.0Vp-p (5msec. div.)</p>
 <p>IC6001-71 REC 5.0Vp-p (5msec. div.)</p>	 <p>IC6001-72 REC 5.0Vp-p (5msec. div.)</p>	 <p>IC6001-79,80 FF/REW 5.0Vp-p (1msec. div.)</p>	 <p>IC6001-84 REC 5.0Vp-p (10msec. div.)</p>	 <p>IC6001-85 REC 0.8Vp-p (5msec. div.)</p>
 <p>IC6001-86 REC 5.0Vp-p (10msec. div.)</p>	 <p>IC6001-91,92 REC 6.0Vp-p (10msec. div.)</p>	 <p>IC6001-97 PLAY 4.2Vp-p (10msec. div.)</p>	 <p>IC7501-4 STOP 2.2Vp-p (0.2μsec. div.)</p>	 <p>IC7501-13,14 STOP 5.0Vp-p (5msec. div.)</p>
 <p>IC7501-15 STOP 5.0Vp-p (5msec. div.)</p>	 <p>IC3001-2 REC 1.5Vp-p (5msec. div.)</p>	 <p>IC3001-4 PLAY 5.0Vp-p (5msec. div.)</p>	 <p>IC3001-14 REC 0.4Vp-p (5msec. div.)</p>	 <p>IC3001-15 PLAY 0.6Vp-p (20μsec. div.)</p>

 <p>IC3001-20 PLAY 150mVp-p (20µsec. div.)</p>	 <p>IC3001-24 REC/PLAY 5.0Vp-p (10msec. div.)</p>	 <p>IC3001-37 REC/PLAY 5.0Vp-p (5msec. div.)</p>	 <p>IC3001-38 REC/PLAY 5.0Vp-p (5msec. div.)</p>	 <p>IC3001-42,43 PLAY 0.4Vp-p (20µsec. div.)</p>
 <p>IC3001-48 REC 1.0Vp-p (20µsec. div.)</p>	 <p>IC3001-52 REC/PLAY 2.0Vp-p (20µsec. div.)</p>	 <p>IC4001-5,6 REC 1.2Vp-p (5msec. div.)</p>	 <p>IC4001-15,16 REC/PLAY 1.2Vp-p (5msec. div.)</p>	 <p>IC4001-20 REC 1.2Vp-p (5msec. div.)</p>
 <p>IC4001-21 REC/PLAY 1.2Vp-p (5msec. div.)</p>	 <p>IC4001-36 REC 0.6Vp-p (20µsec. div.)</p>	 <p>IC4001-37 PLAY 0.5Vp-p (20µsec. div.)</p>	 <p>IC4001-41 REC/PLAY 5.0Vp-p (5msec. div.)</p>	 <p>IC4001-42 REC/PLAY 5.0Vp-p (5msec. div.)</p>
 <p>Q4005-C REC Q4007-C REC 9.0Vp-p (5µsec. div.)</p>	 <p>Q4907-B REC/PLAY Q4909-B REC/PLAY 1.0Vp-p (20µsec. div.)</p>	 <p>PK7701-8,9 REC/PLAY 5.0Vp-p (10msec. div.)</p>	 <p>PK7702-13,15 REC/PLAY 2.0Vp-p (20µsec. div.)</p>	 <p>P501-3 REC 0.3Vp-p (20µsec. div.)</p>
 <p>P501-4 PLAY 1.2Vp-p (20µsec. div.)</p>	 <p>P501-9 REC/PLAY 5.0Vp-p (10msec. div.)</p>	 <p>P501-10 REC 0.3Vp-p (5msec. div.)</p>	 <p>P501-11 PLAY 0.5Vp-p (5msec. div.)</p>	

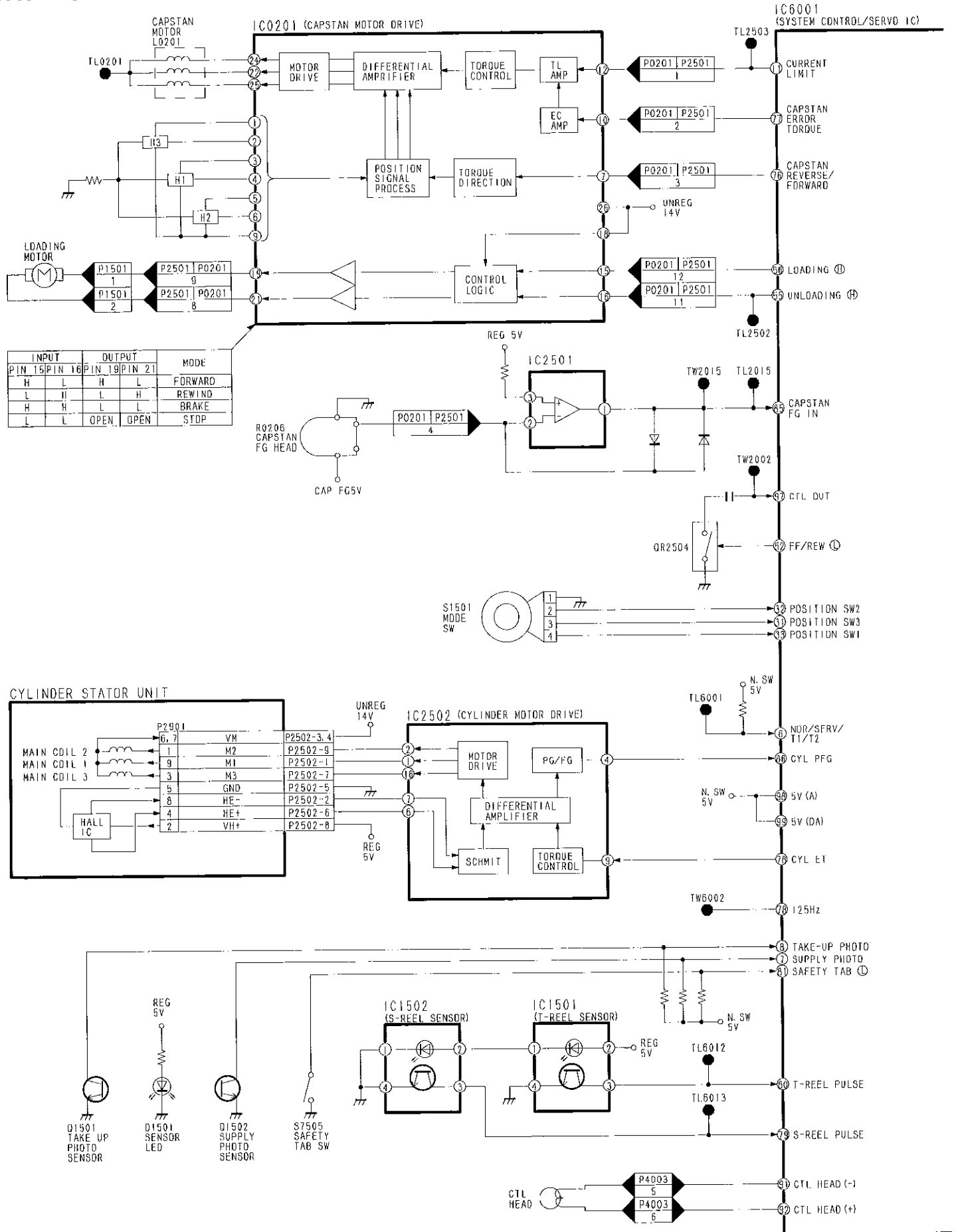
8.2. LUMINANCE & CHROMINANCE BLOCK DIAGRAM



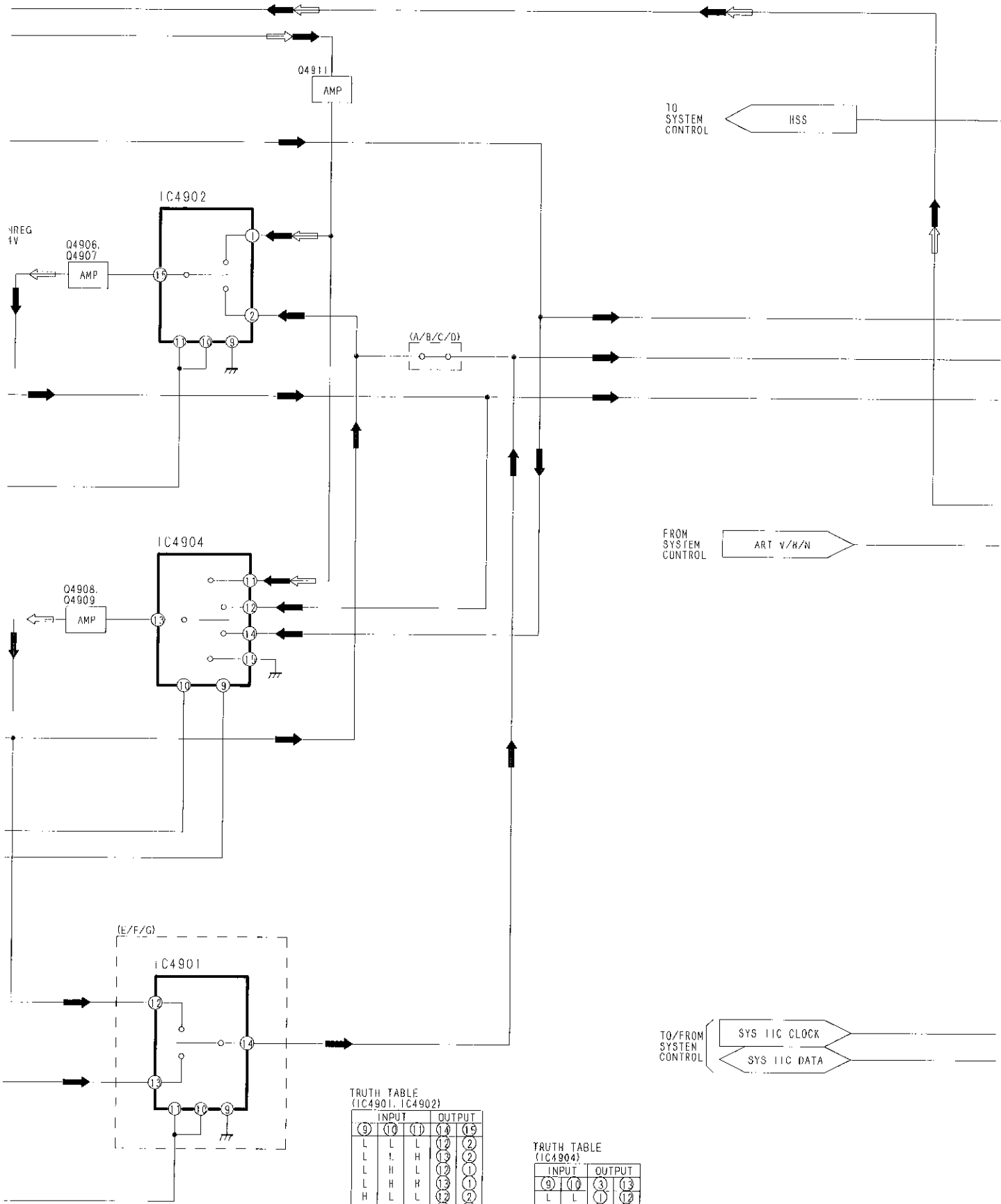


8 BLOCK DIAGRAMS

8.1. SYSTEM CONTROL & SERVO BLOCK DIAGRAM



I. PATH IN PLAYBACK MODE



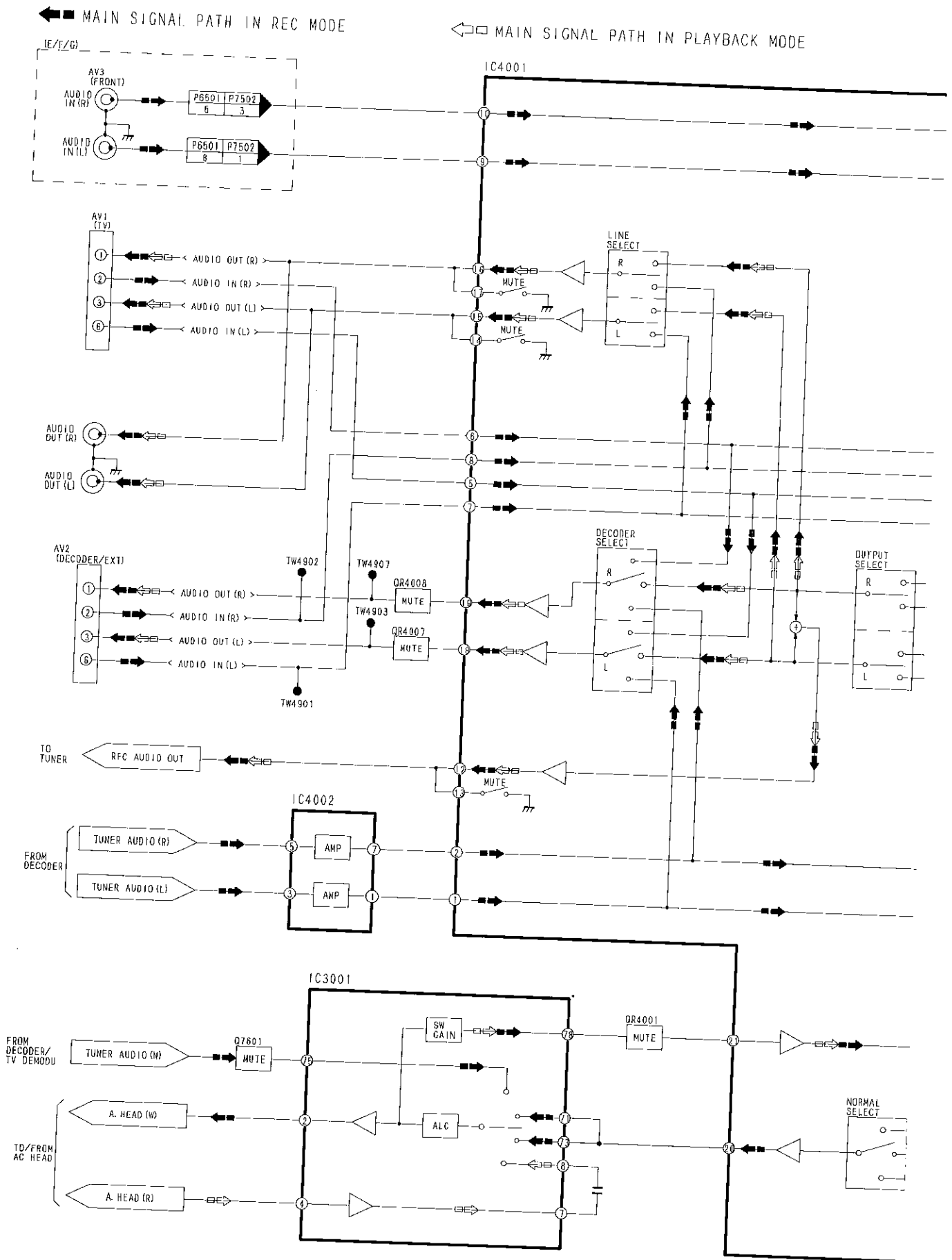
TRUTH TABLE
(IC4901, IC4902)

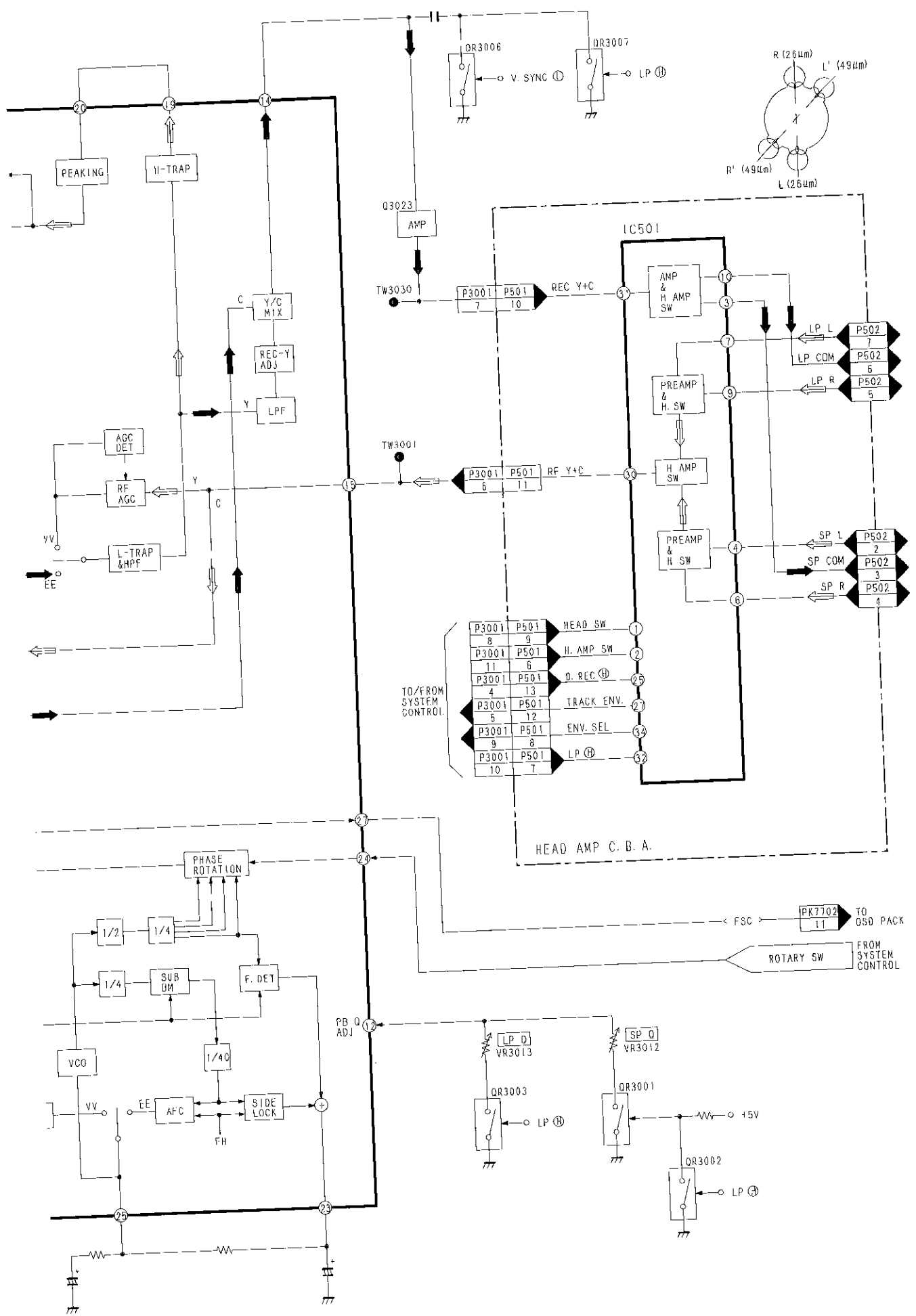
INPUT		OUTPUT	
(9)	(10)	(1)	(2)
L	L	L	(2)
L	L	H	(3)
L	H	L	(1)
L	H	H	(2)
H	L	L	(3)
H	L	H	(1)
H	H	L	(2)
H	H	H	(3)
*	*	*	NONE

TRUTH TABLE
(IC4904)

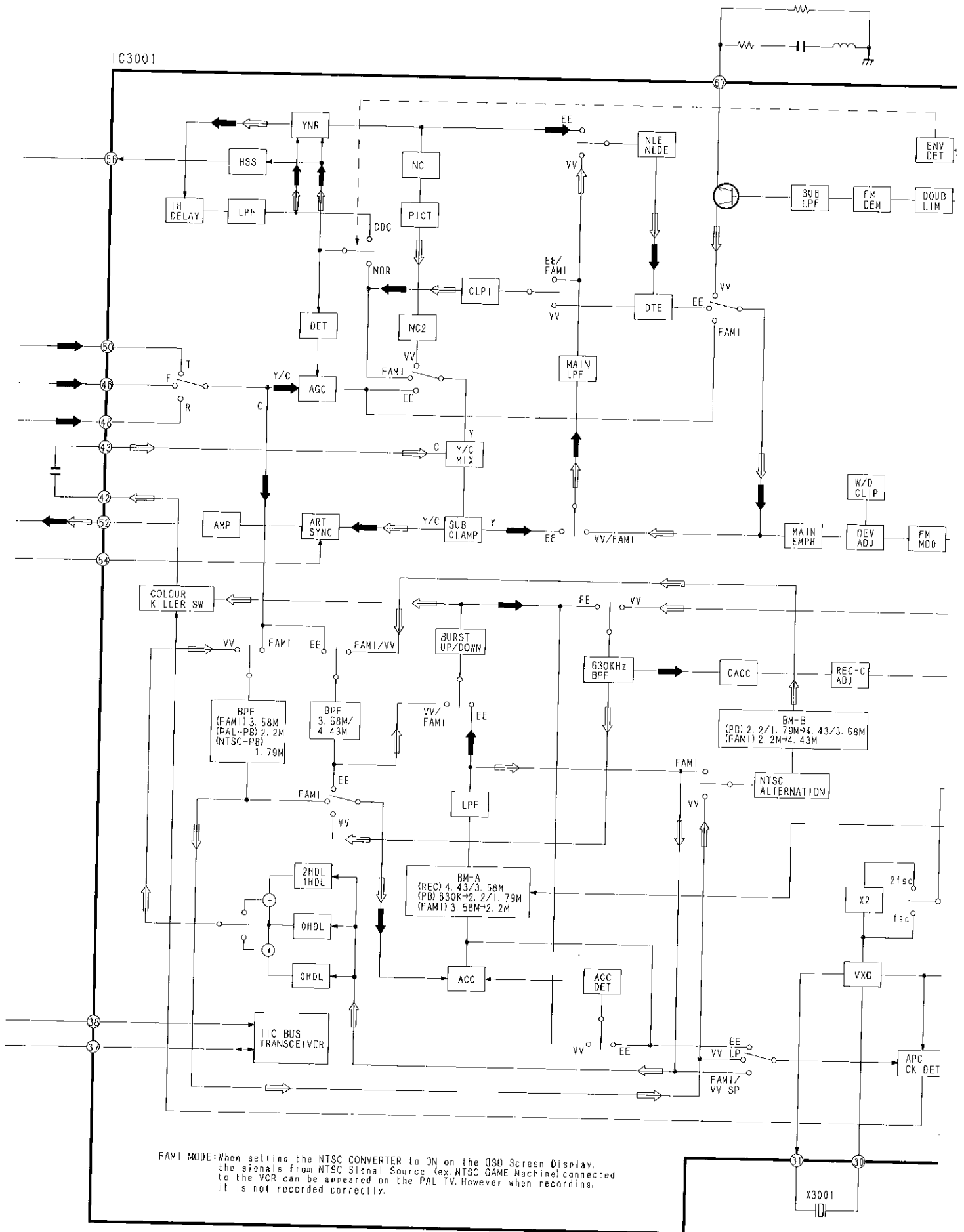
INPUT		OUTPUT	
(9)	(10)	(3)	(13)
L	L	(1)	(12)
L	H	(5)	(14)
H	L	(2)	(15)
H	H	(4)	(11)
*	*	NONE	NONE

8.3. AUDIO BLOCK DIAGRAM

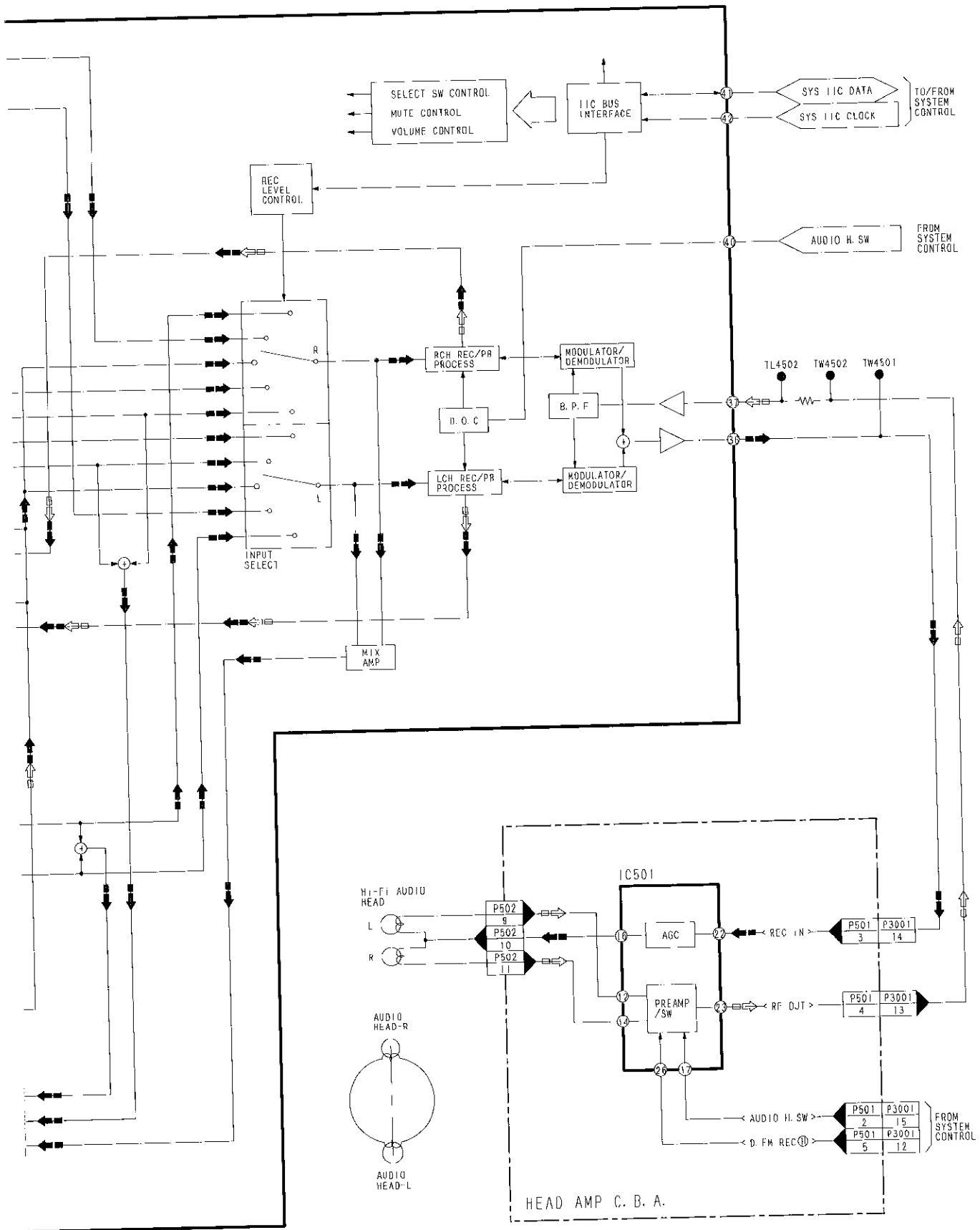




IC3001



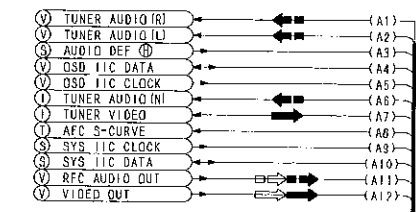
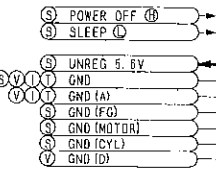
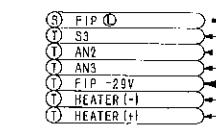
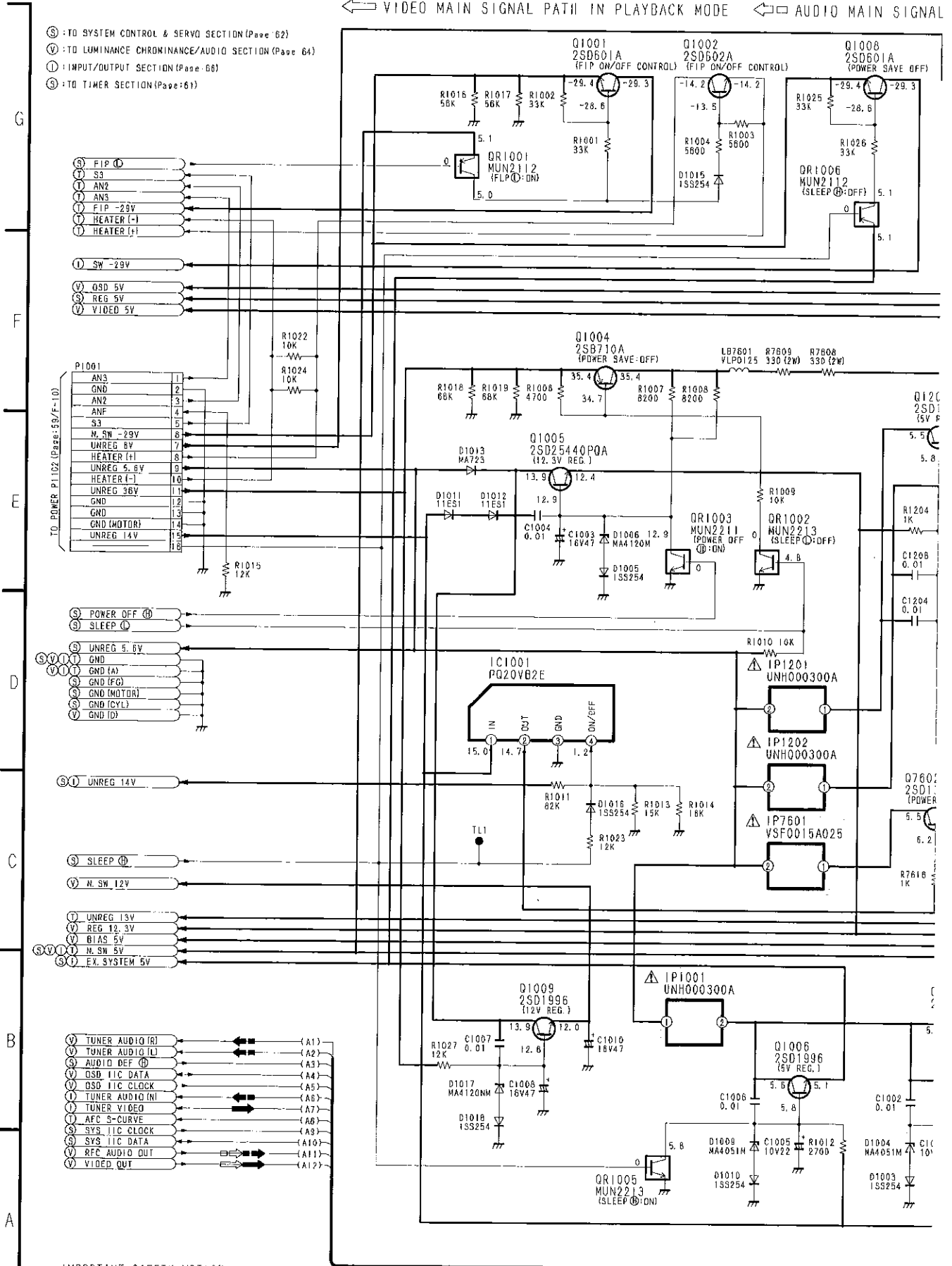
FAMI MODE: When setting the NTSC CONVERTER to ON on the OSD Screen Display, the signals from NTSC Signal Source (ex. NTSC GAME Machine) connected to the VCR can be appeared on the PAL TV. However when recordings, it is not recorded correctly.



9.2. POWER SUPPLY/RF SECTION IN MAIN SCHEMATIC DIAGRAM

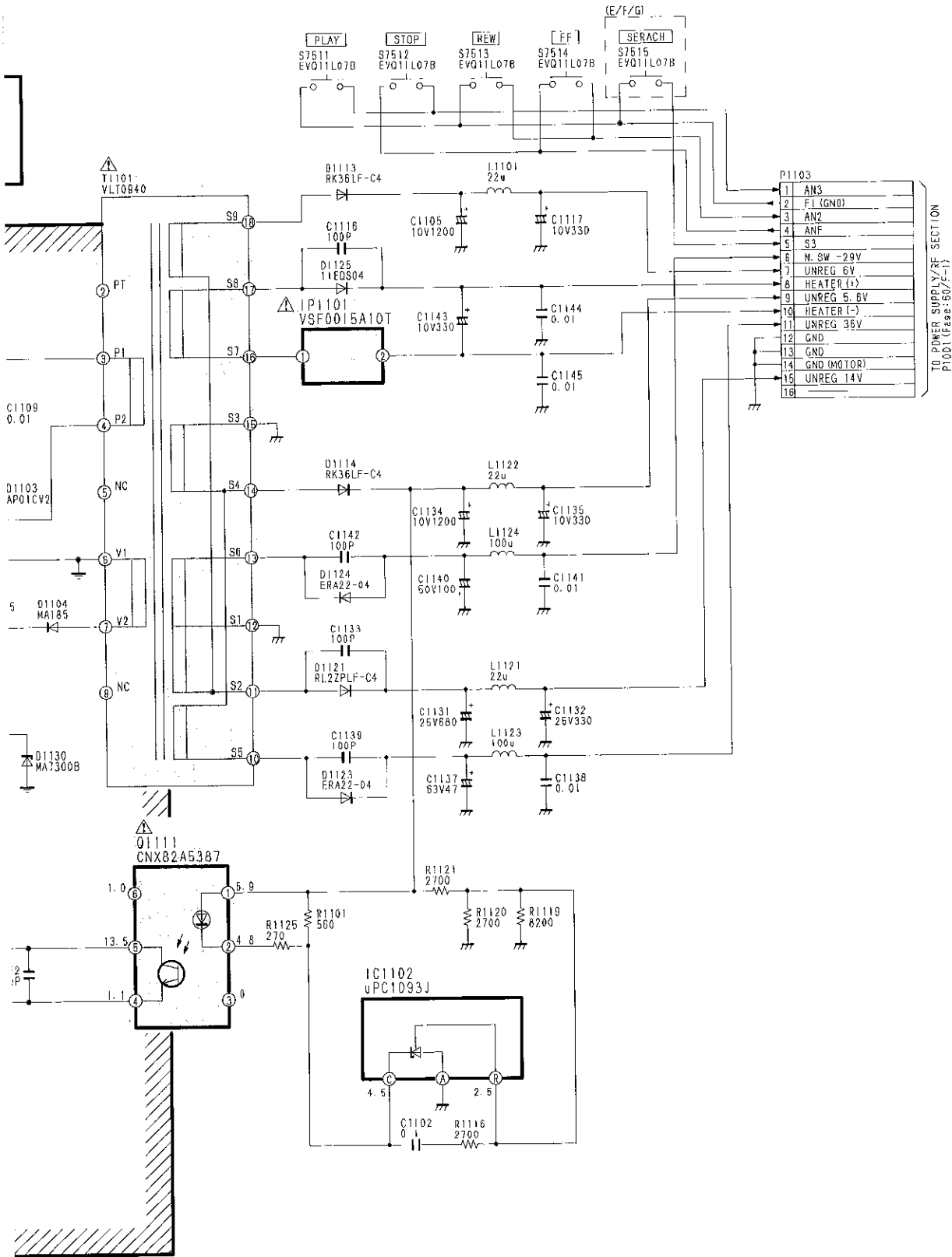
VIDEO MAIN SIGNAL PATH IN REC MODE
 AUDIO MAIN SIGNAL
 VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
 AUDIO MAIN SIGNAL

- ③ : TO SYSTEM CONTROL & SERVO SECTION (Page: 62)
- ④ : TO LUMINANCE CHROMINANCE/AUDIO SECTION (Page: 64)
- ① : INPUT/OUTPUT SECTION (Page: 66)
- ③ : TO TIMER SECTION (Page: 61)



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 MEAS



TO POWER SUPPLY/RF SECTION
P1001 (Fcap:50/F-1)

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: ...

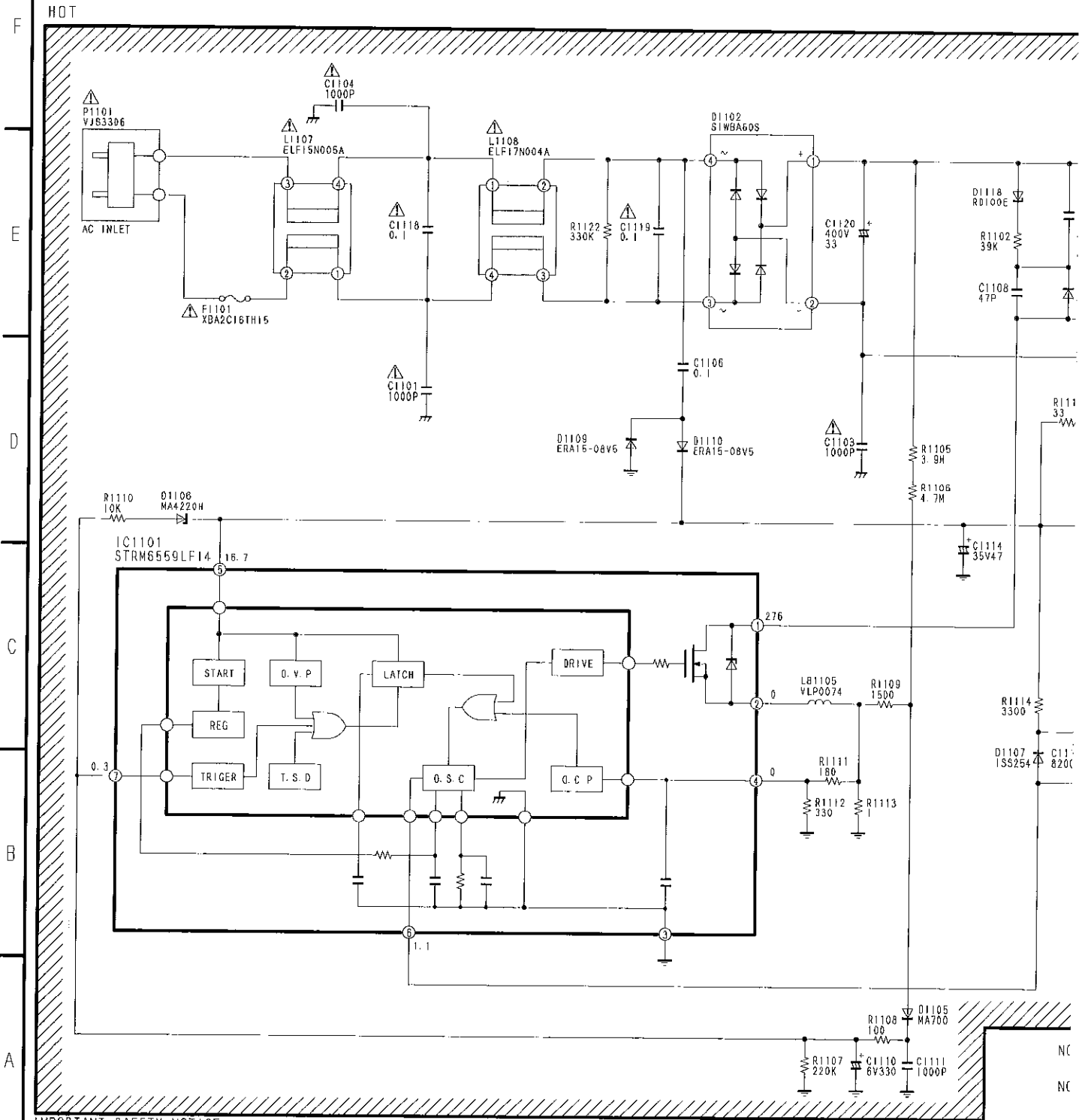
NOTE2: THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 240V.

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

9 SCHEMATIC DIAGRAMS

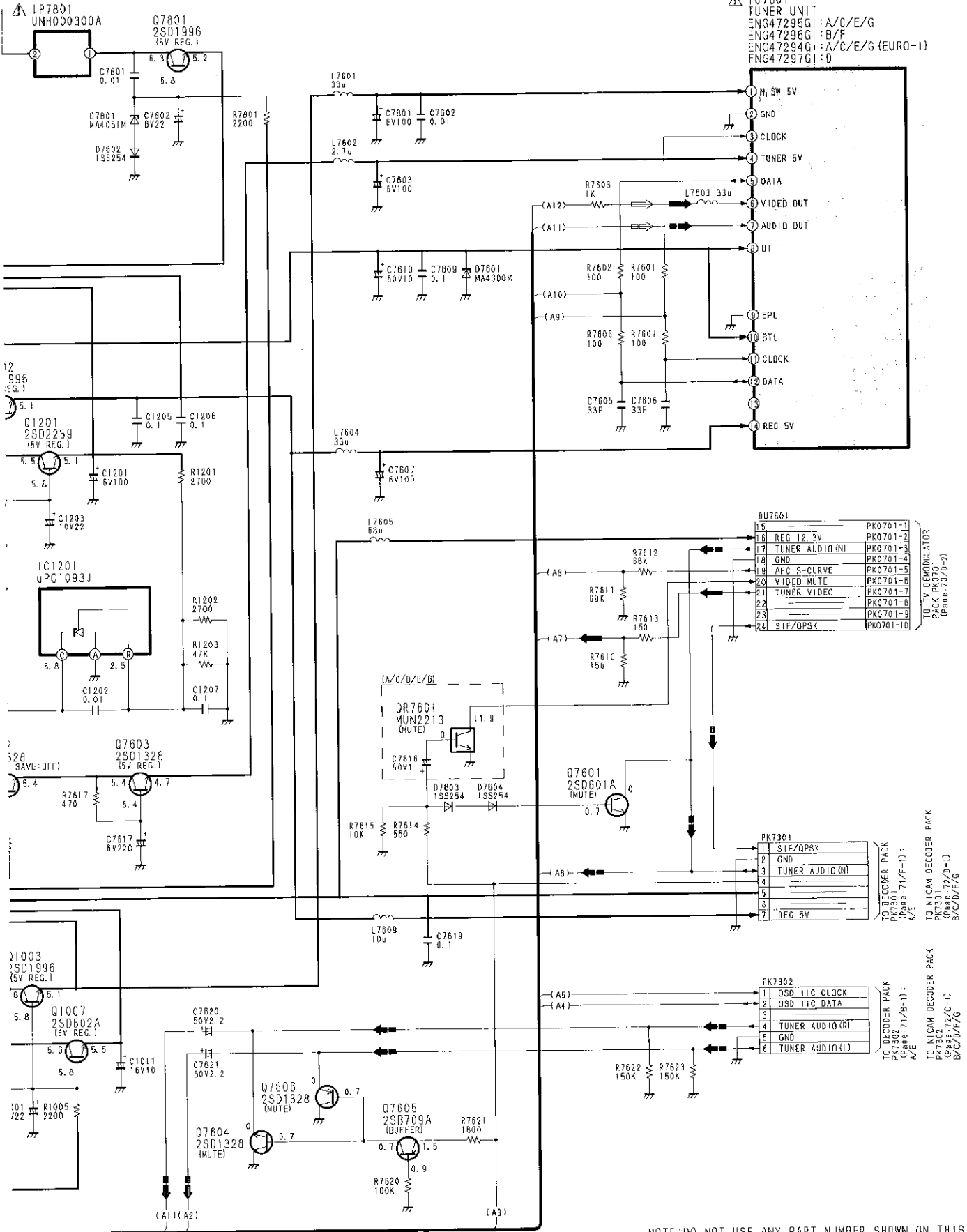
9.1. POWER SCHEMATIC DIAGRAM

CAUTION THE STRIPED FRAME 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 Δ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

PATH IN REC MODE
PATH IN PLAYBACK MODE



TU7601
TUNER UNIT
ENG47295G1:A/C/E/G
ENG47296G1:B/F
ENG47294G1:A/C/E/G (EURO-1)
ENG47297G1:D

0U7601

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

TO TV DEMODULATOR
PACK PK0701
(Page 70/0-2)

PK7301

1	SIF/DPSK
2	GND
3	TUNER AUDIO (N)
4	
5	
6	
7	REG 5V

TO DECODER PACK
PACK PK7301
(Page 71/F-1)
A/E

TO N/C/M DECODER PACK
PACK PK7301
(Page 72/D-1)
B/C/D/F/G

PK7302

1	OSD IIC CLOCK
2	OSD IIC DATA
3	
4	TUNER AUDIO (R)
5	GND
6	
7	TUNER AUDIO (L)

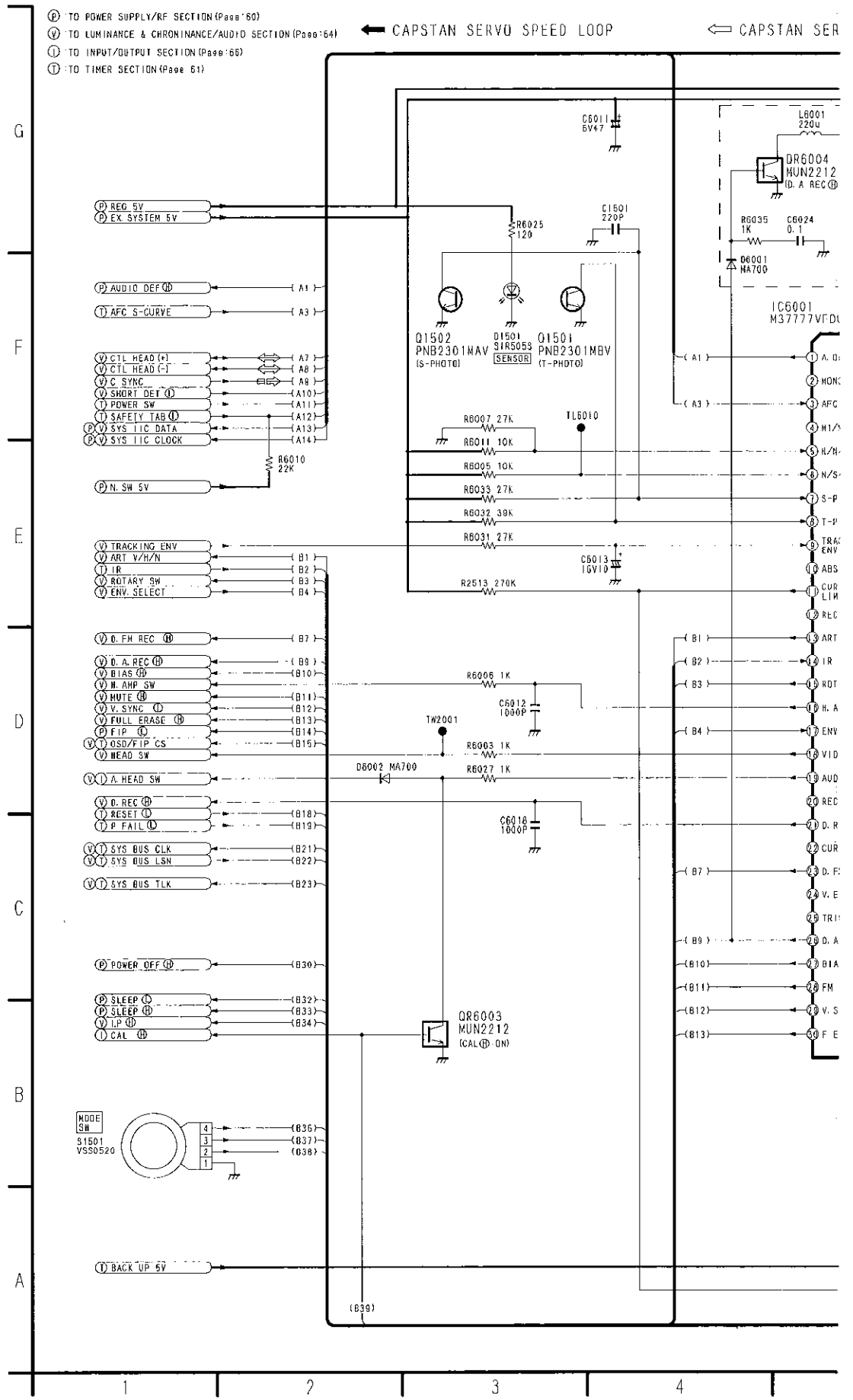
TO DECODER PACK
PACK PK7302
(Page 71/B-1)
A/E

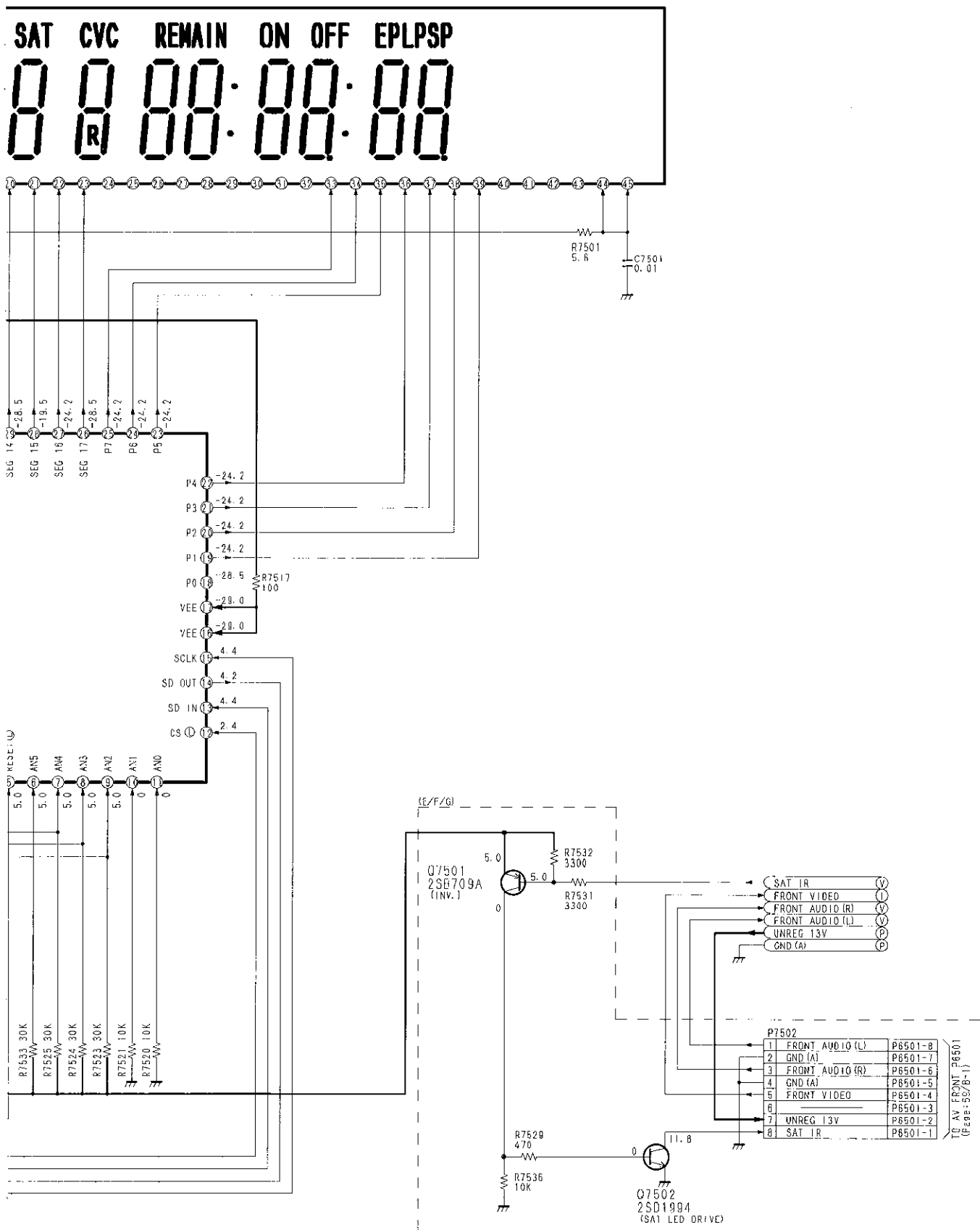
TO N/C/M DECODER PACK
PACK PK7302
(Page 72/D-1)
B/C/D/F/G

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

URGENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

9.4. SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM

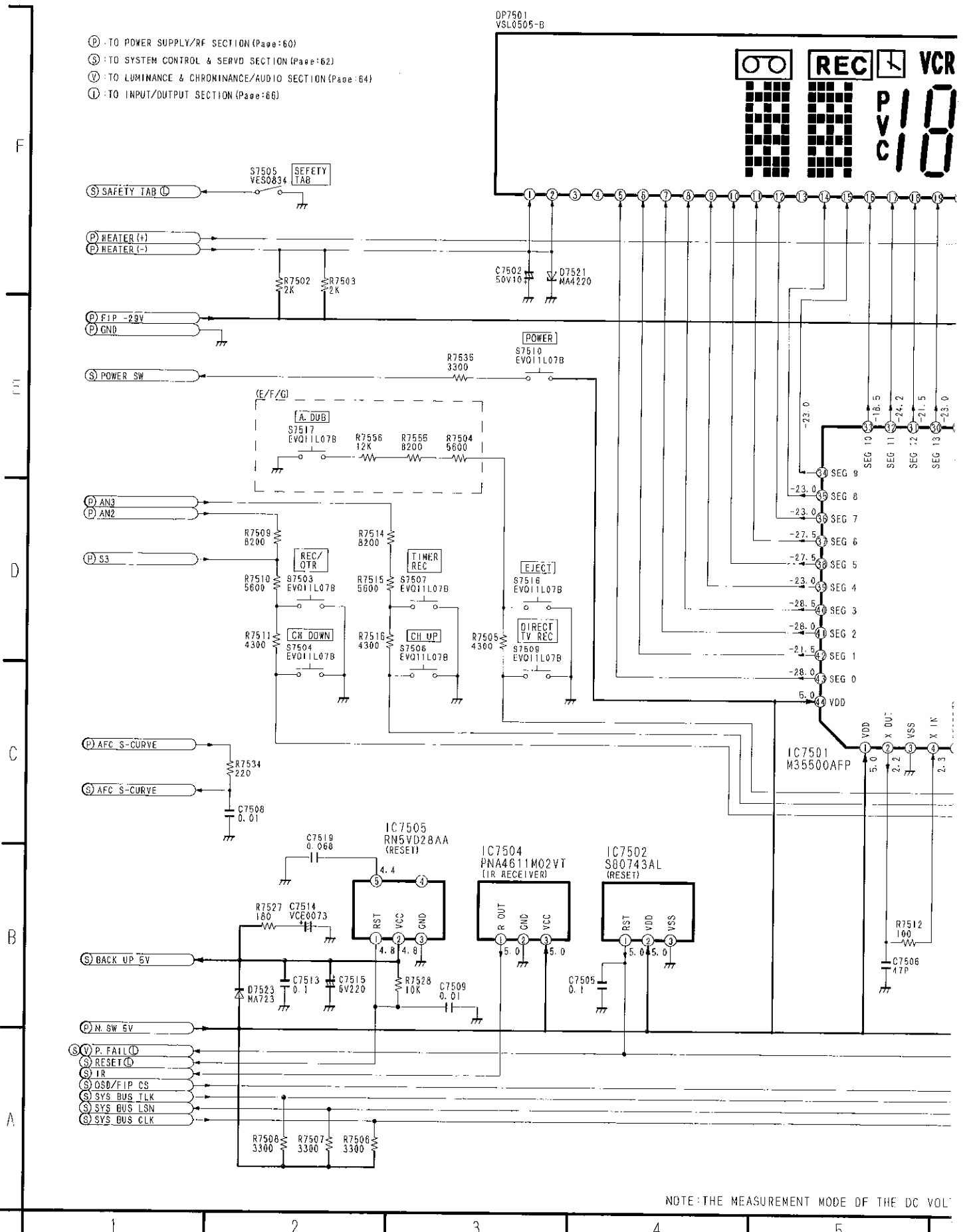




PAGE ON THIS DIAGRAM IS STOP MODE.

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

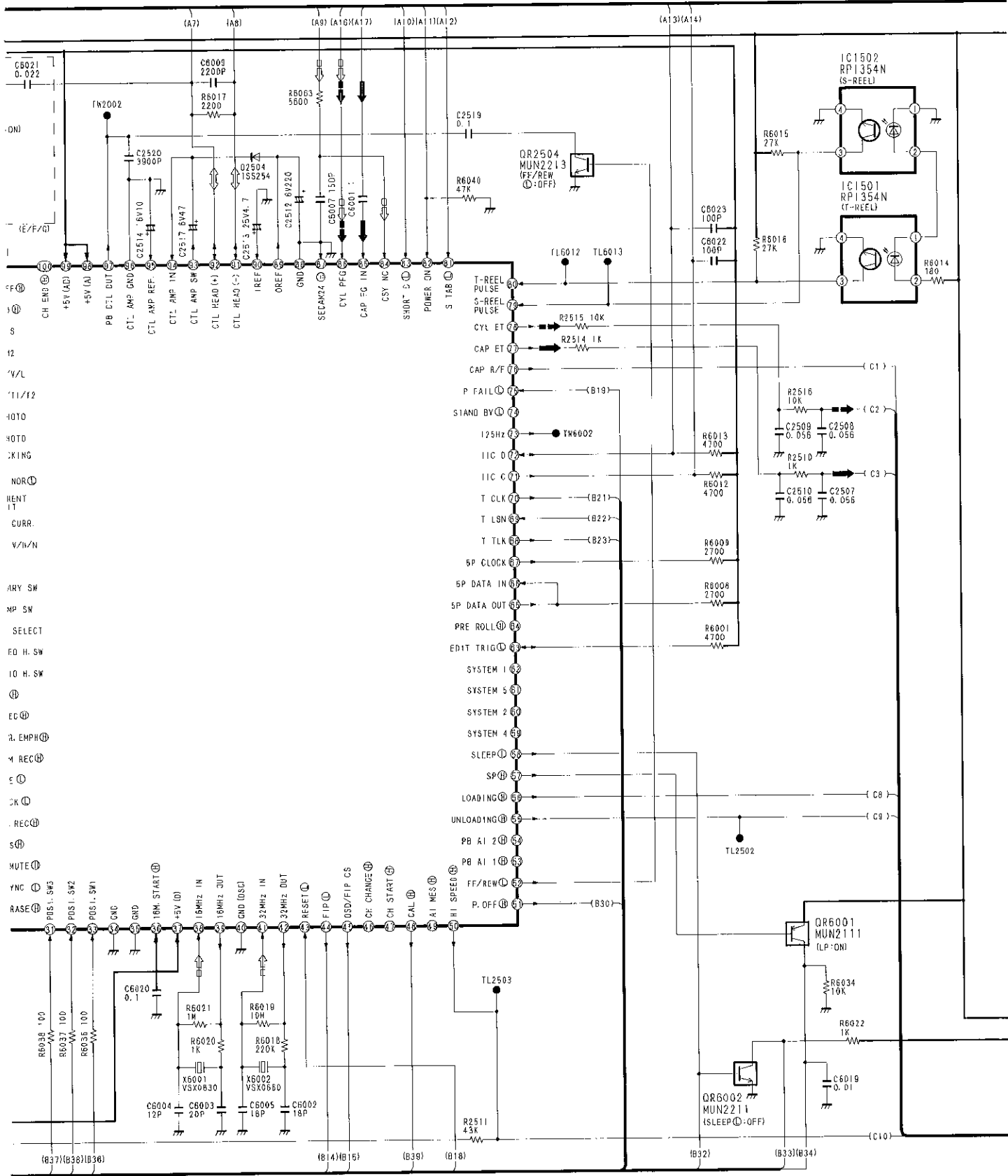
9.3. TIMER SECTION IN MAIN SCHEMATIC DIAGRAM



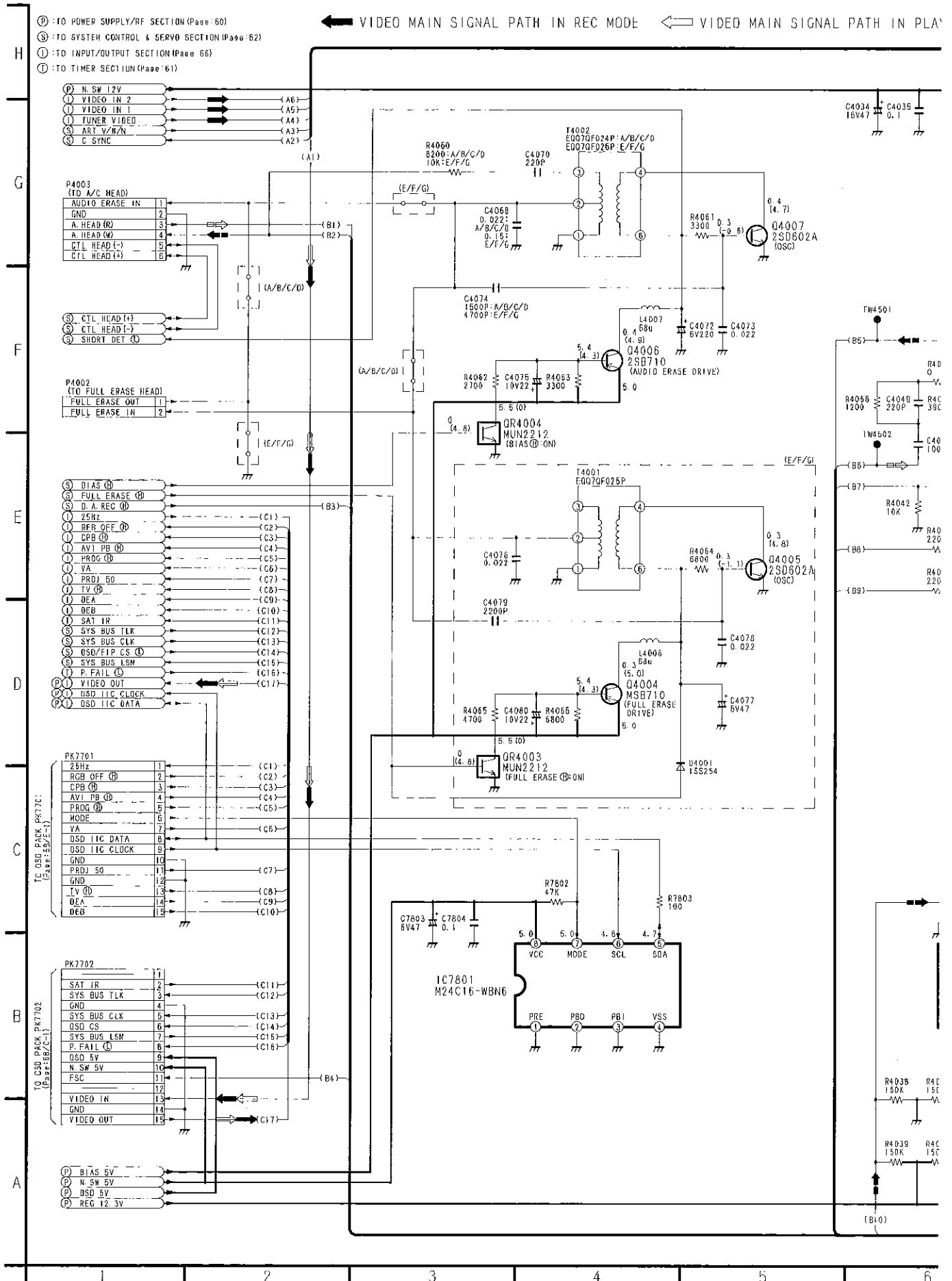
VD PHASE LOOP

CYLINDER SERVO SPEED LOOP

CYLINDER SERVO PHASE LOOP



9.5. LUMINANCE & CHROMINANCE/AUDIO SECTION IN MAIN SCHEMATIC

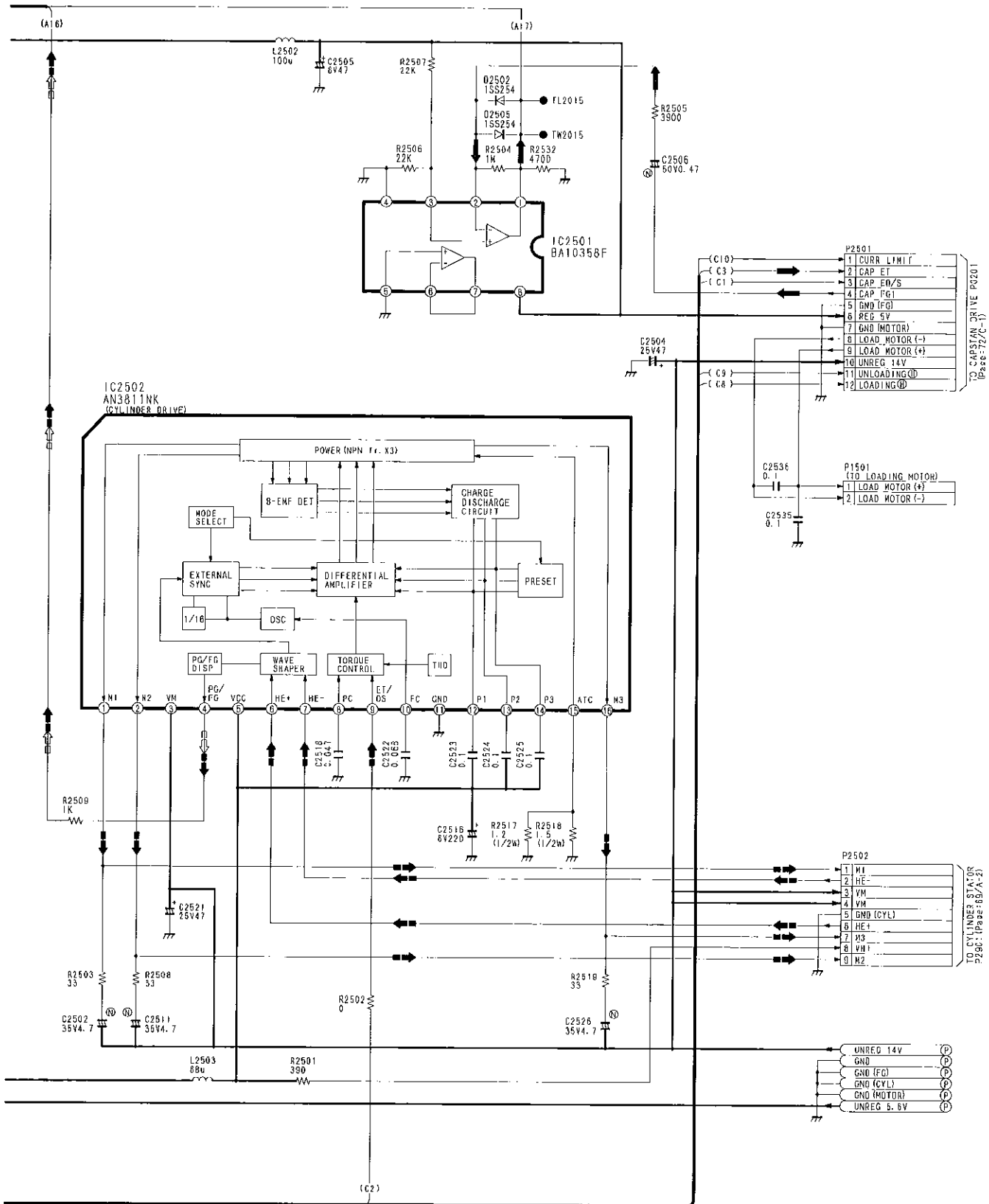


SYSTEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

Ref. No.	IC1501								IC1502																															
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8																								
MODE																																								
STOP	1.1	2.3	5.1	0					0	1.1	5.1	0																												
PLAY	1.1	2.3	4.9	0					0	1.1	5.0	0																												
REC	1.1	2.3	4.1	0					0	1.1	5.1	0																												
F.F	1.1	2.3	2.4	0					0	1.1	2.3	0																												
REW	1.1	2.3	2.4	0					0	1.1	2.4	0																												
Ref. No.	IC2501																																							
	1	2	3	4	5	6	7	8																																
MODE																																								
STOP	2.5	2.5	2.5	0	0	0	0	5.0																																
PLAY	2.5	2.5	2.5	0	0	0	0	5.0																																
REC	2.5	2.5	2.5	0	0	0	0	5.0																																
F.F	2.5	2.5	2.5	0	0	0	0	5.1																																
REW	2.5	2.5	2.5	0	0	0	0	5.1																																
Ref. No.	IC2502																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																								
MODE																																								
STOP	14.5	14.5	14.7	1.1	5.0	1.1	1.1	0.5	2.4	1.4	0	3.8	3.8	3.8	0	14.5																								
PLAY	14.4	14.4	14.7	1.1	5.0	1.1	1.1	0.5	2.4	1.4	0	3.8	3.8	3.8	0	14.4																								
REC	14.4	14.4	14.7	1.1	5.0	1.1	1.1	0.5	2.4	1.4	0	3.8	3.8	3.8	0	14.4																								
F.F	14.2	14.2	14.4	1.1	5.1	1.1	1.1	0.5	2.5	1.4	0	3.9	3.8	3.8	0	14.2																								
REW	14.1	14.1	14.4	1.1	5.1	1.1	1.1	0.6	2.5	1.4	0	3.9	3.8	3.8	0	14.2																								
Ref. No.	IC6001																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																				
MODE																																								
STOP	4.1	0	2.8	0	3.7	5.1	5.1	4.6	1.7	0	0	1.7	0	5.1	0	0	0	0	0																					
PLAY	4.4	0	2.8	0	3.7	5.1	5.1	4.5	3.5	0	4.8	1.7	0	5.1	2.4	0	4.9	2.4	2.4																					
REC	4.4	0	2.8	0	3.7	5.1	5.1	4.5	2.2	0	4.8	2.9	0	5.0	2.4	0	4.7	2.4	0																					
F.F	4.3	0	2.7	0	3.6	5.0	4.9	3.7	0.8	0	4.9	1.6	0	5.0	0	0	2.7	2.3	0																					
REW	4.3	0	2.6	0	3.6	5.0	4.9	3.8	2.7	0	5.0	1.6	0	5.0	0	0	0.0	2.3	0																					
Ref. No.	IC6001																																							
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40																				
MODE																																								
STOP	0	0	0	1.3	4.8	0	0	0	0	0	4.8	4.8	0	0	4.7	4.7	2.2	2.2	0																					
PLAY	0	0	0	4.8	4.8	1.3	0	0	0	4.8	0	0	0	4.8	4.8	2.1	2.0	0	0																					
REC	4.8	0	4.8	0	4.8	4.7	4.8	0	0	4.8	4.8	0	0	4.8	4.8	2.0	2.0	0	0																					
F.F	0	0	0	0	4.7	0	0	0	0	4.7	4.7	0	0	4.7	4.7	-	-	0	0																					
REW	0	0	0	0	4.7	0	0	0	0	4.7	4.7	0	0	4.7	4.7	-	-	0	0																					
Ref. No.	IC6001																																							
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60																				
MODE																																								
STOP	1.2	1.3	4.7	0	0	0	0	0	0	0	4.7	0	0	0	0	4.7	4.7	0	0																					
PLAY	0.9	1.3	4.8	0	2.4	0	0	0	0	0.1	0	4.8	0	0	0	4.8	4.8	0	4.8																					
REC	1.1	1.3	4.8	4.8	0.6	0	0	0	0	0.4	0	4.8	0	0	0	4.8	4.7	0	4.8																					
F.F	1.1	1.3	4.7	0	2.4	0	0	0	0	4.6	0	0	0	0	0	4.7	4.7	0	0																					
REW	1.1	1.3	4.7	0	2.4	0	0	0	0	4.6	0	0	0	0	0	4.7	4.7	0	0																					
Ref. No.	IC6001																																							
	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																				
MODE																																								
STOP	0	4.7	0	0	5.0	5.0	5.0	4.4	4.1	4.5	3.1	3.0	0	4.7	5.0	0	0	2.5	5.1																					
PLAY	4.8	0	0	0	5.1	5.1	5.1	4.5	4.0	4.5	0	0	1.3	5.1	0	2.4	2.4	5.0	4.9																					
REC	4.8	4.8	0	0	5.1	5.1	5.1	4.5	4.0	4.4	3.2	3.1	0	1.2	5.1	0	2.4	2.4	5.1																					
F.F	4.7	4.7	0	0	5.0	5.0	5.0	4.5	4.1	4.4	3.1	3.0	0	4.7	5.0	0	4.7	2.5	2.3																					
REW	4.7	4.7	0	0	5.0	5.0	5.0	4.5	4.1	4.4	3.1	3.0	0	4.7	5.0	4.7	3.0	2.4	2.4																					
Ref. No.	IC6001																																							
	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																				
MODE																																								
STOP	0	0	0.3	0.4	2.5	1.1	0	0	2.5	2.5	0	0	0	2.5	2.5	0	2.4	5.0	5.0																					
PLAY	0	0	0.3	0.4	2.5	1.1	0	0	2.5	2.5	0	0	0	2.4	2.5	0	2.5	5.1	5.1																					
REC	0	0	4.7	0.8	3.9	1.0	0	0	2.5	2.5	2.3	2.7	0	2.5	2.5	0	2.5	5.1	5.1																					
F.F	0	0	0.3	0.4	2.5	1.1	0	0	2.5	2.5	0	0	0	2.5	2.5	0	2.4	5.0	5.0																					
REW	0	0	0.3	0.4	2.5	1.1	0	0	2.5	2.5	0	0	0	2.5	2.5	0	2.4	5.0	5.0																					

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

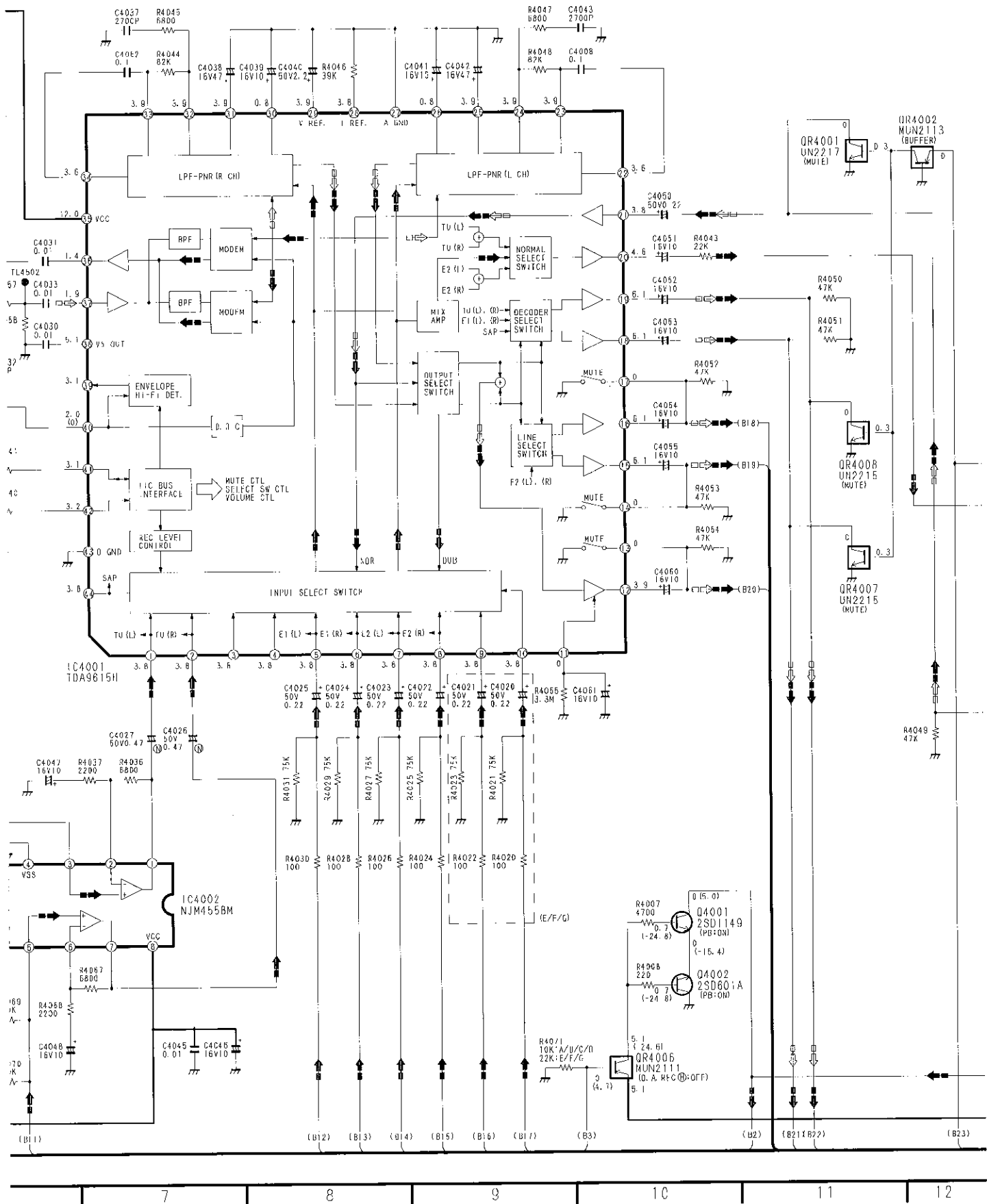
Ref. No.	Q1501				Q1502											
MODE																
STOP	4.5	0			4.9	0										
PLAY	4.5	0			4.9	0										
REC	4.5	0			4.9	0										
F.F	4.3	0			4.8	0										
REW	4.3	0			4.8	0										
Ref. No.	QR2504			QR6001												
	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	
MODE																
STOP	0	0	4.8		5.1	0.4	4.8	-0.1	0	4.8		0	0	0	0	
PLAY	0	0	4.8		5.1	0.4	4.8	0	0	4.8		0	2.2	0	0	
REC	0	0	4.8		5.1	0.4	4.7	0	0	4.7		0	0	0	4.7	
F.F	0	2.0	0		5.2	0.4	4.7	0.1	0	4.7		0	0	0	0	
REW	0	2.0	0		5.2	0.4	4.7	0	0	4.7		0	0	0	0	



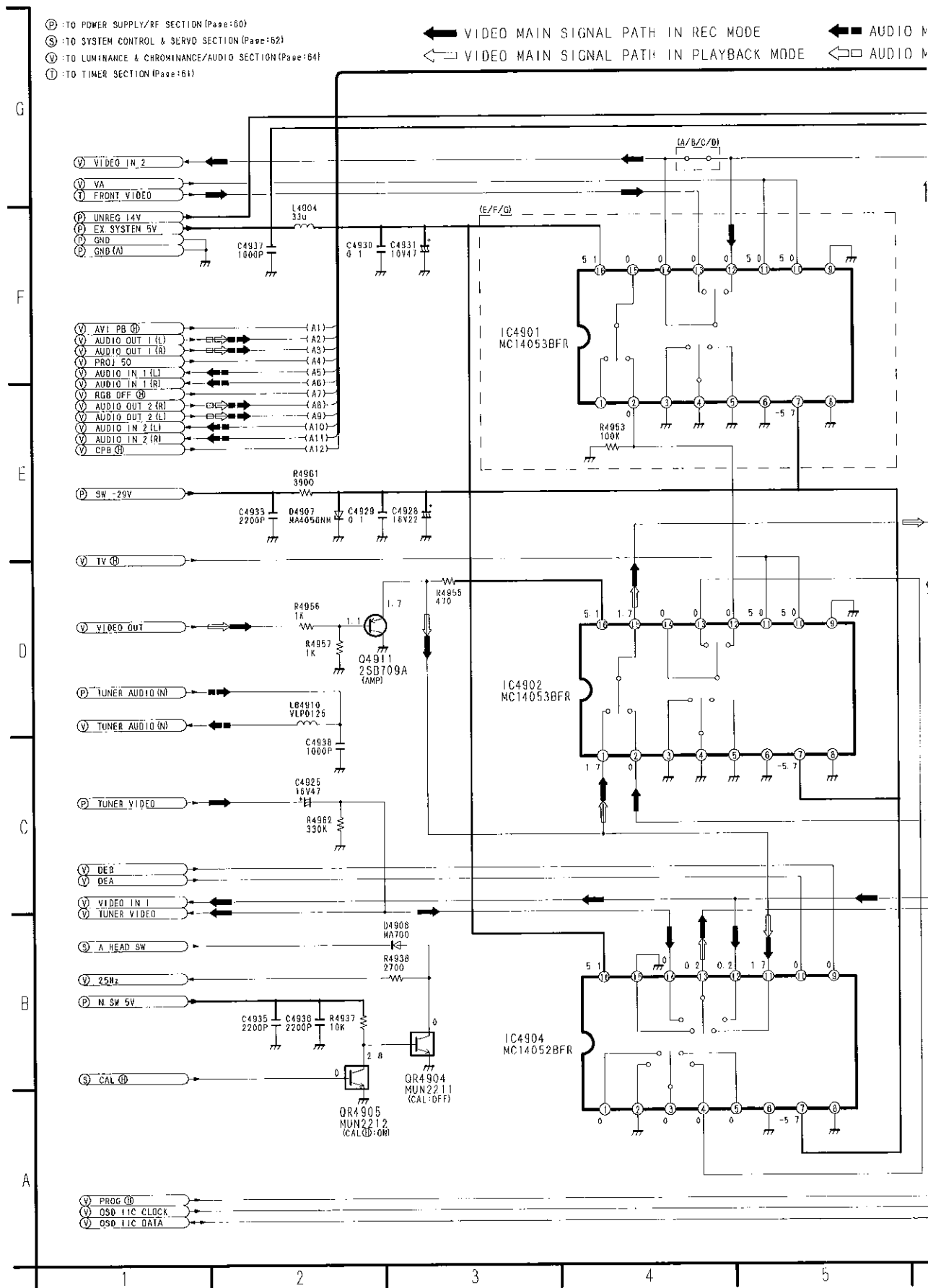
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

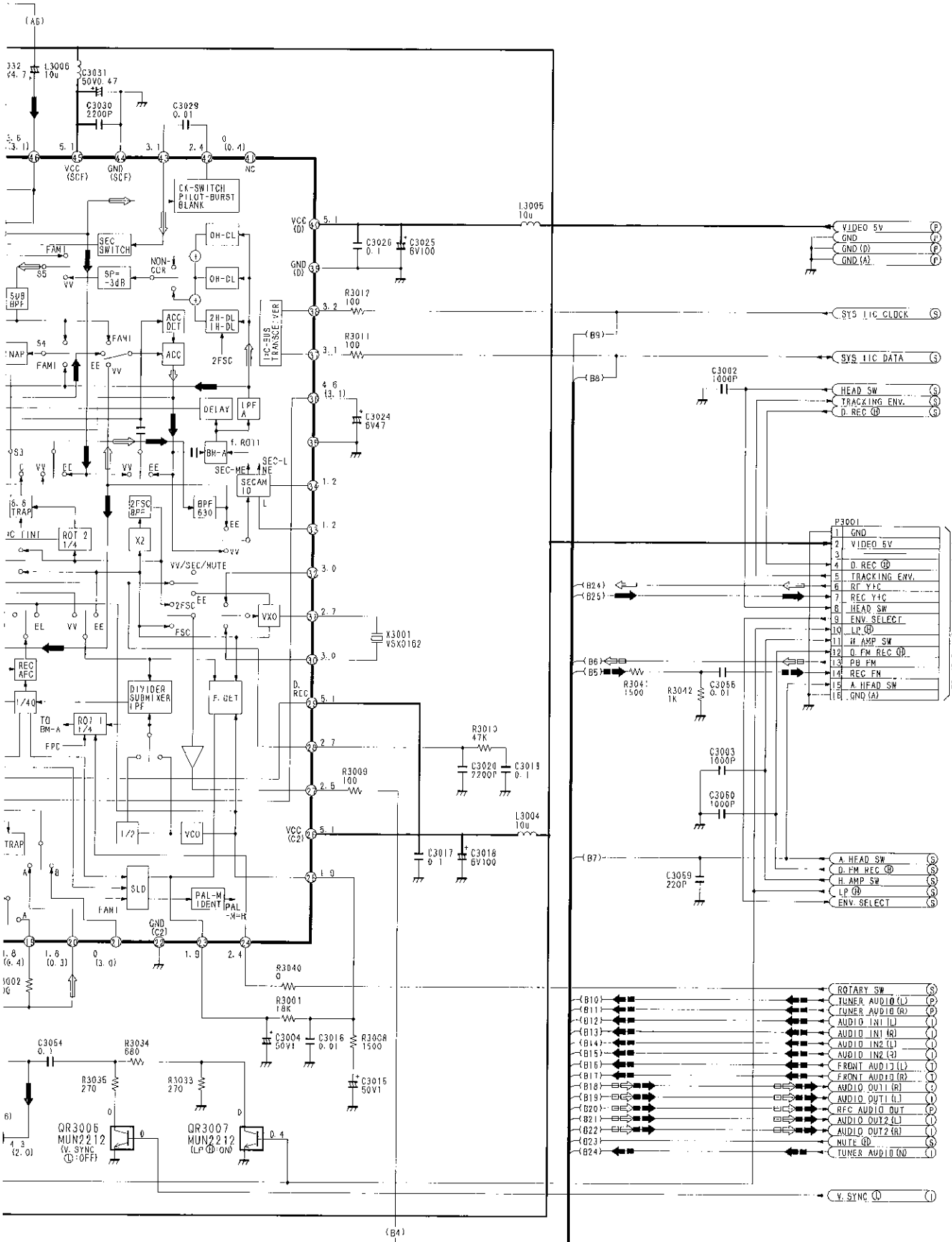
DIAGRAM

← BACK MODE **▶** AUDIO MAIN SIGNAL PATH IN REC MODE ◀ AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



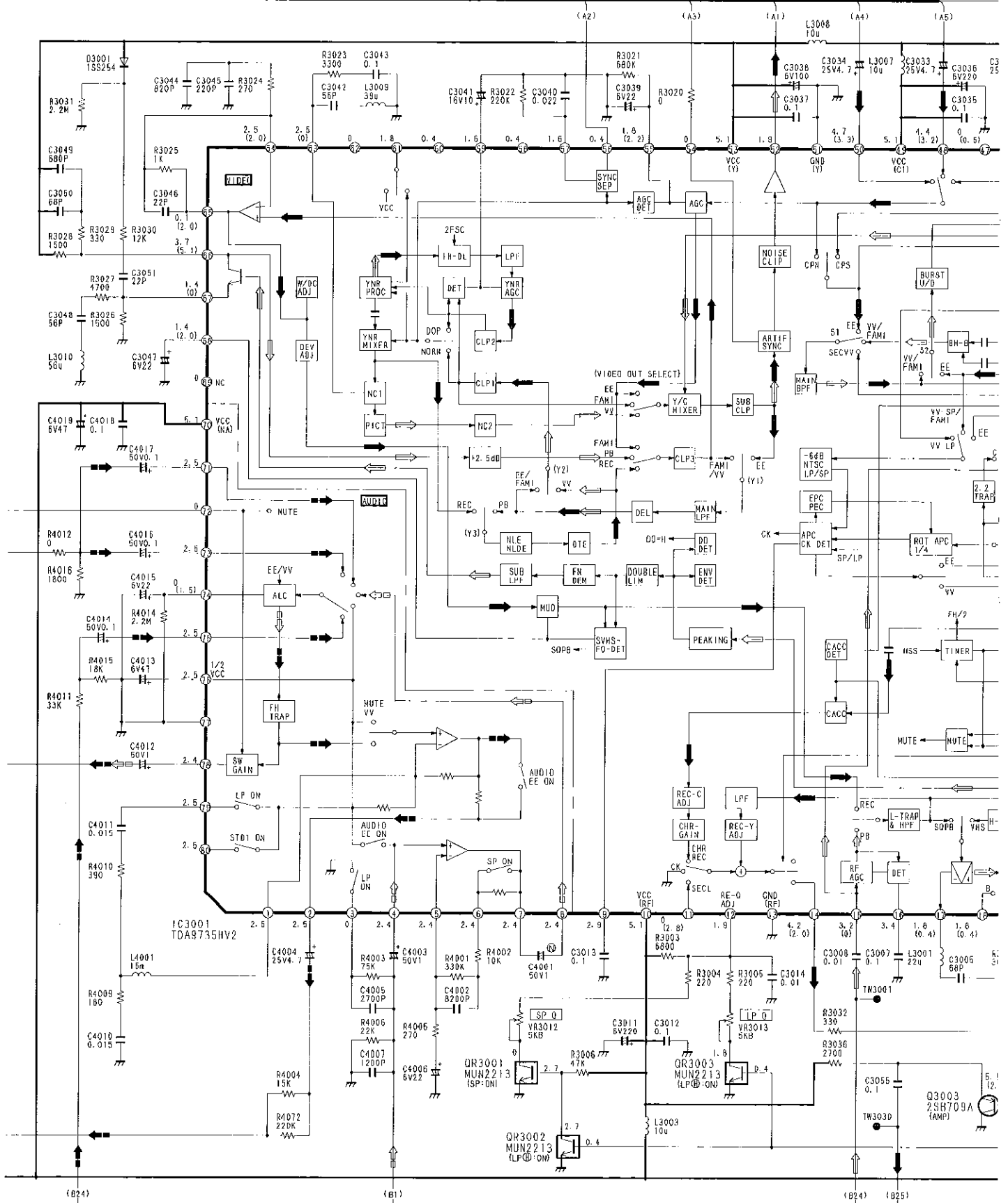
9.6. INPUT/OUTPUT SECTION IN MAIN SCHEMATIC DIAGRAM





VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS 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.



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

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

13

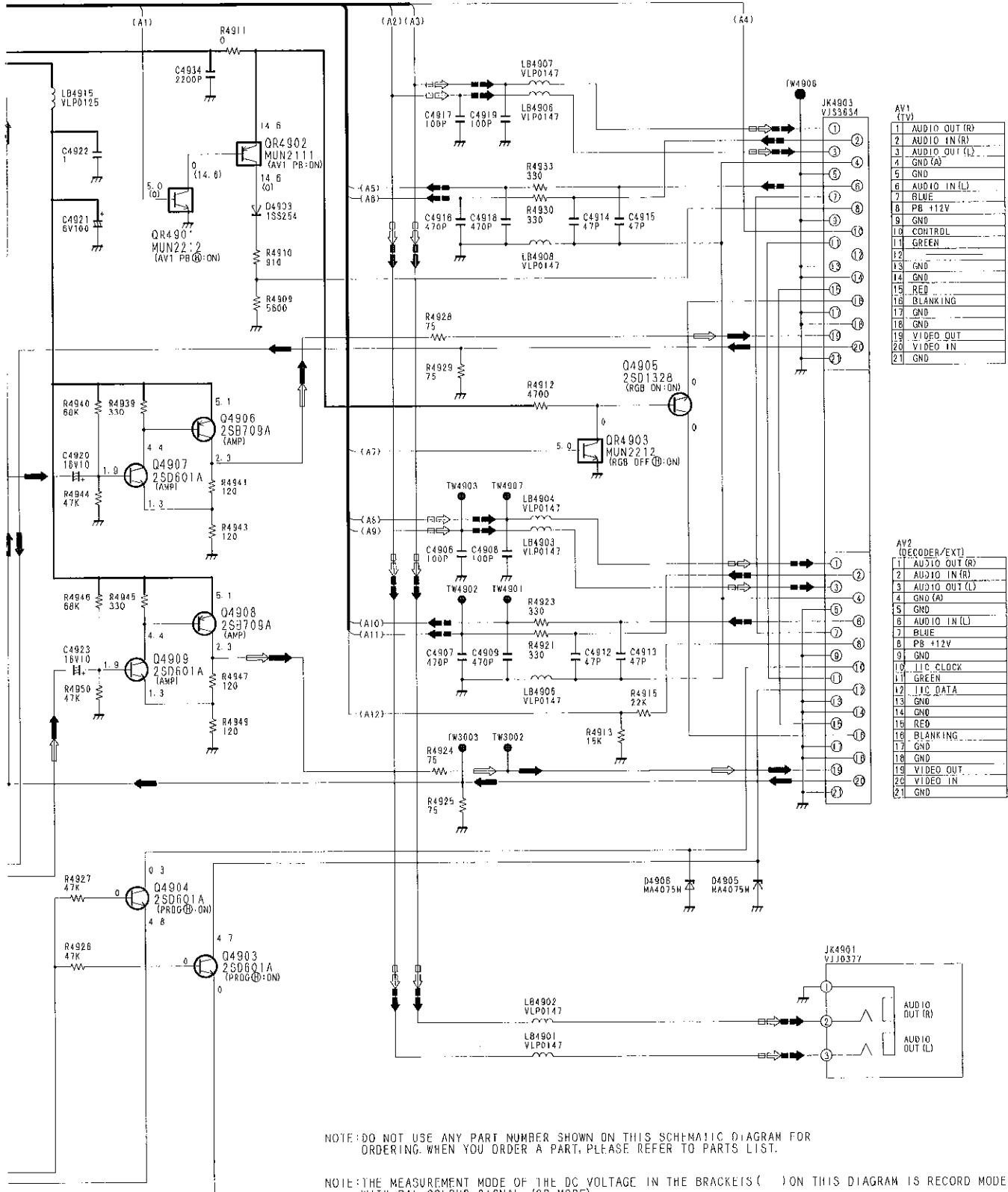
14

15

16

17

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



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	CONTRDL
11	GREEN
12	
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND

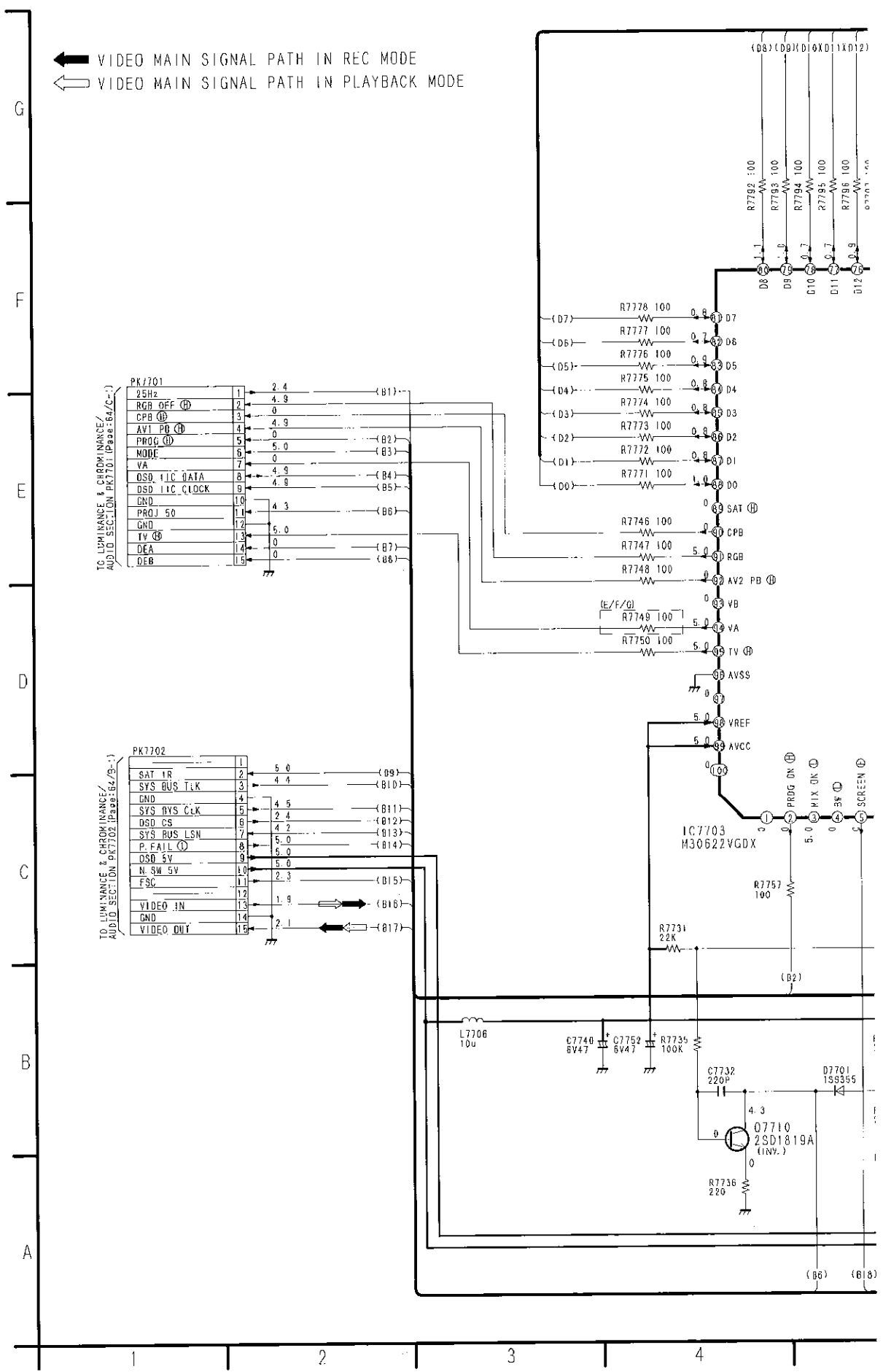
AV2 (DECODER/EXT)



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	TTC CLOCK
11	GREEN
12	TTC DATA
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND

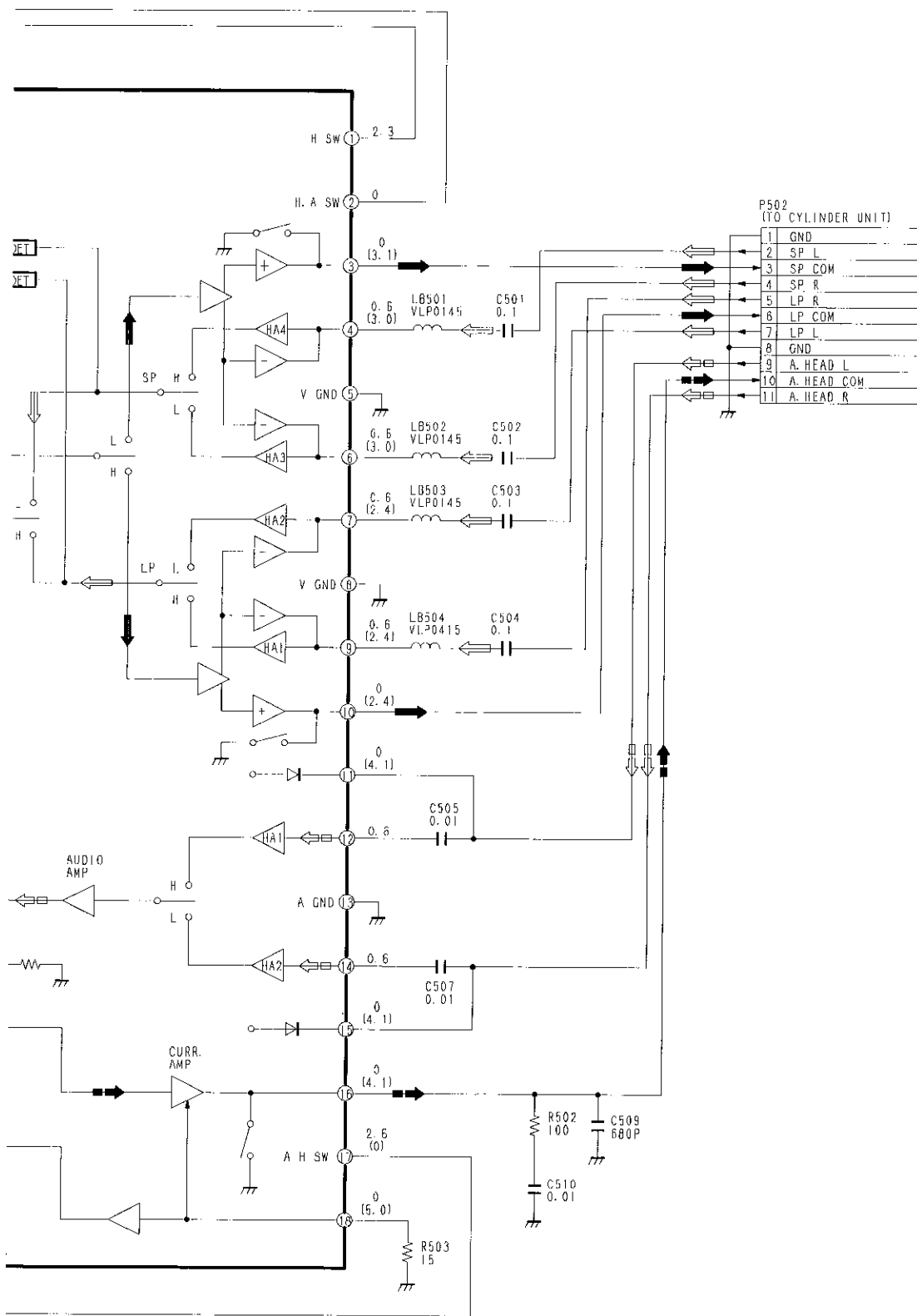
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

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

9.8. OSD PACK SCHEMATIC DIAGRAM



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



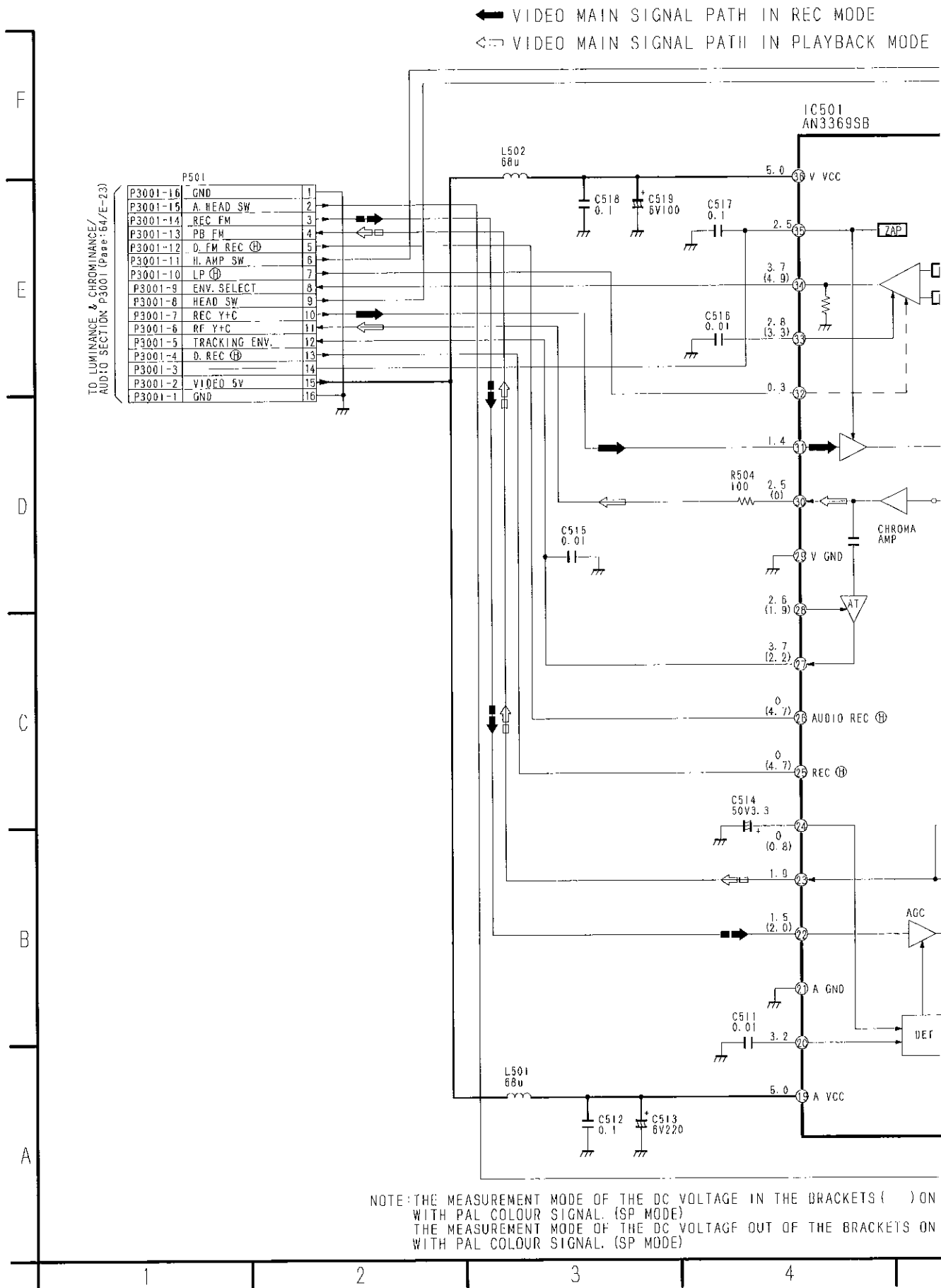
P502
(TO CYLINDER UNIT)

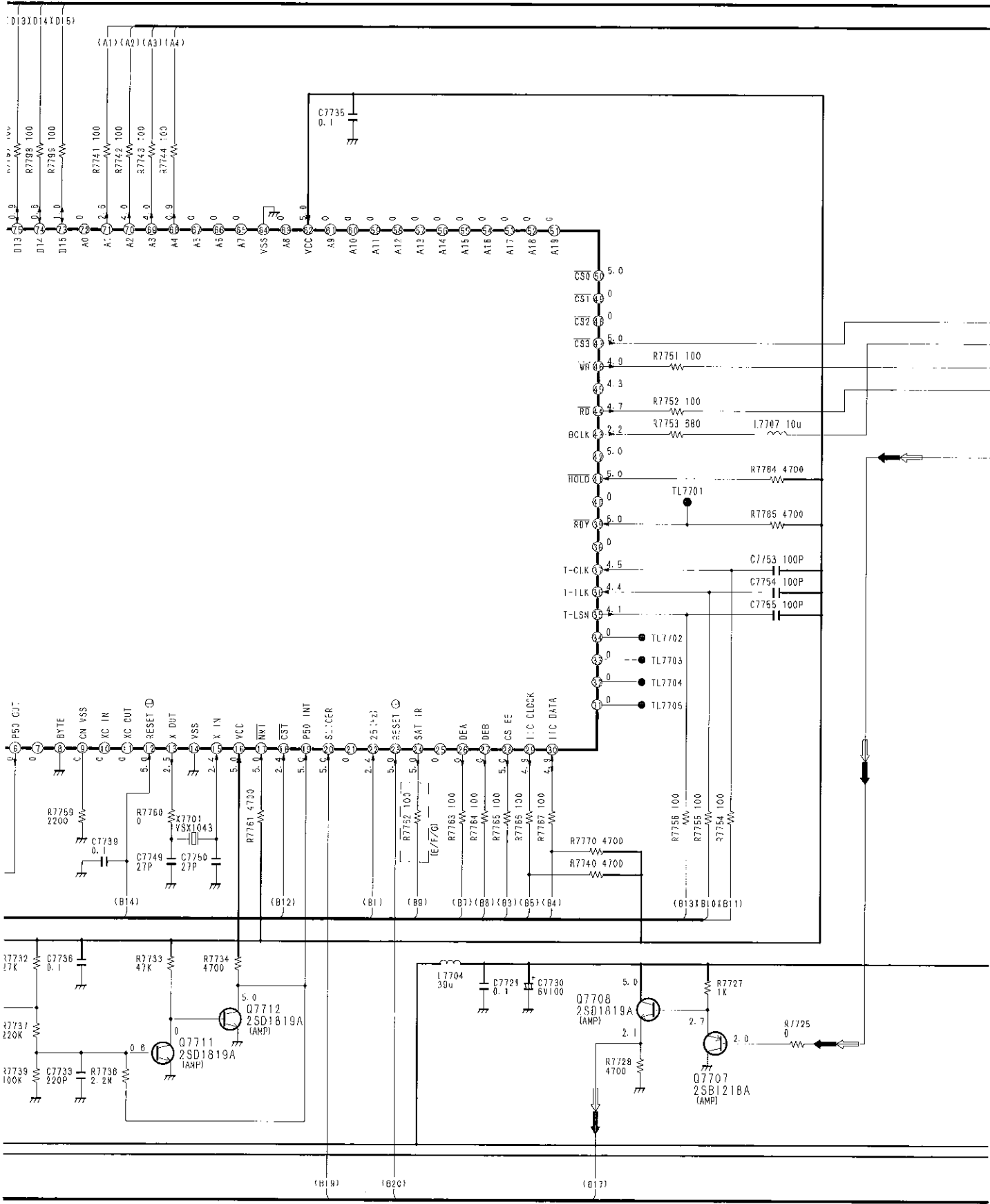
1	GND
2	SP L
3	SP COM
4	SP R
5	LP R
6	LP COM
7	LP L
8	GND
9	A. HEAD L
10	A. HEAD COM.
11	A. HEAD R

THIS DIAGRAM IS RECORD MODE
 THIS DIAGRAM IS PLAYBACK MODE

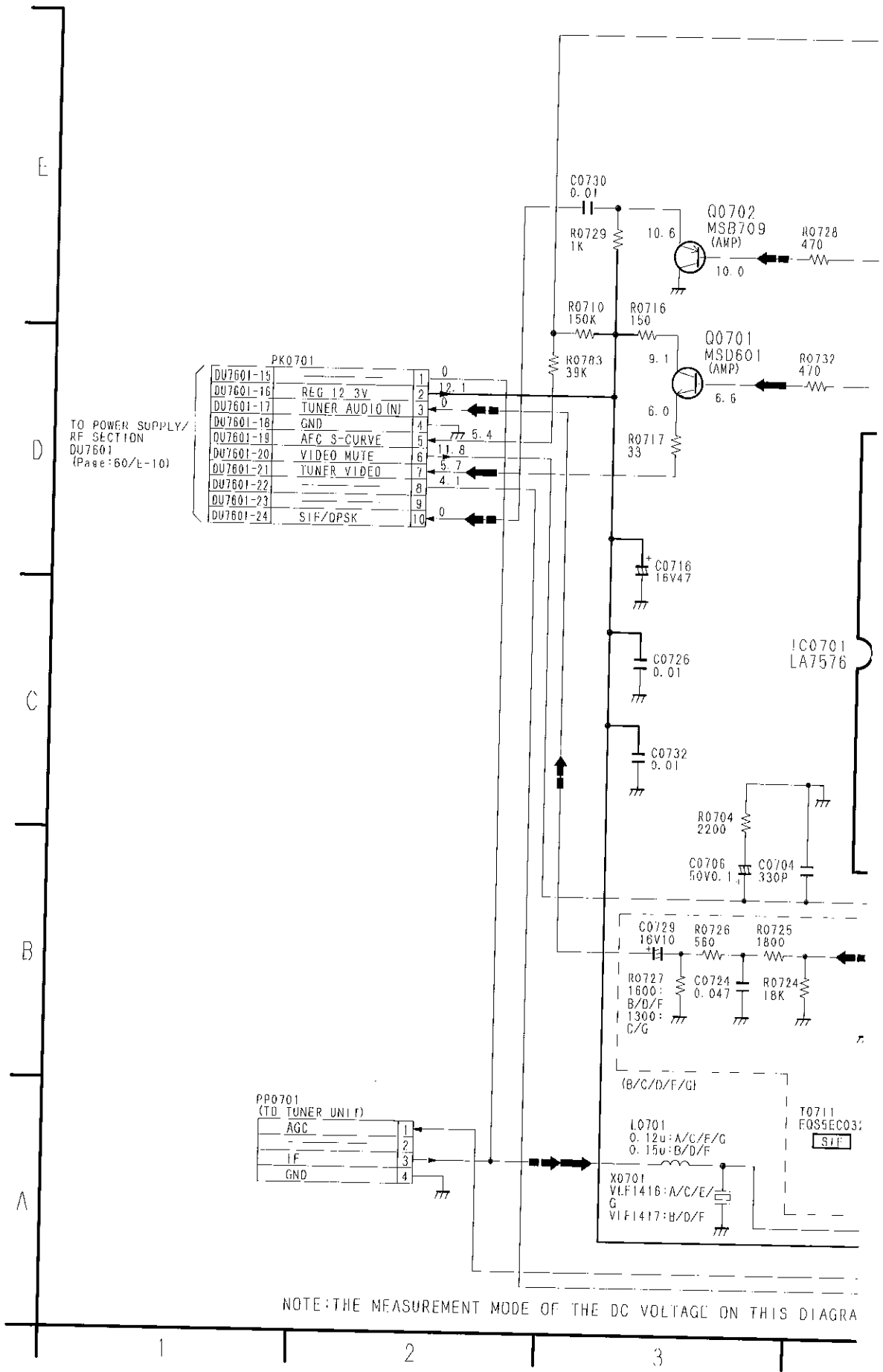
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

9.7. HEAD AMP SCHEMATIC DIAGRAM



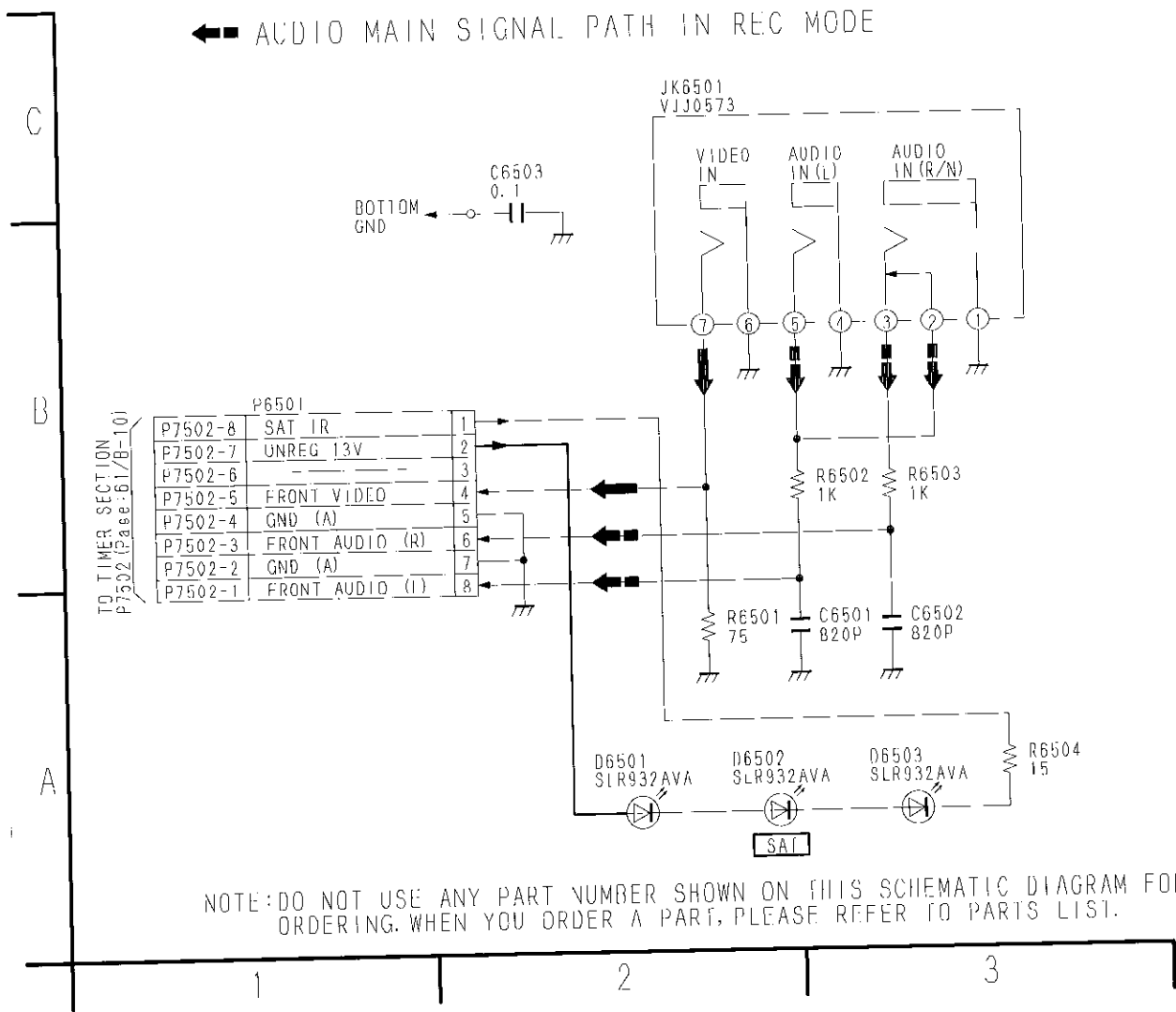


9.11. TV DEMODULATOR PACK SCHEMATIC DIAGRAM

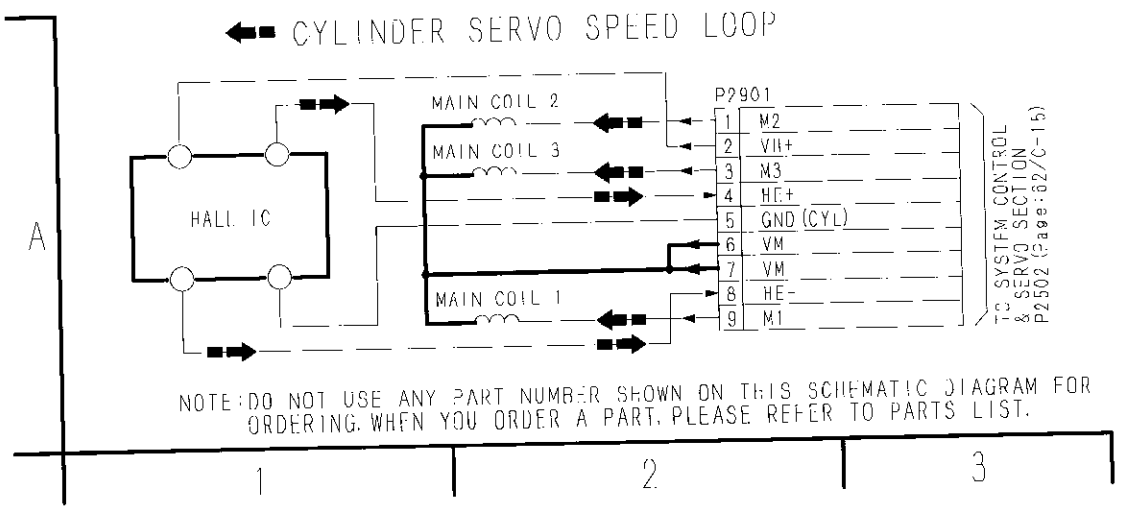


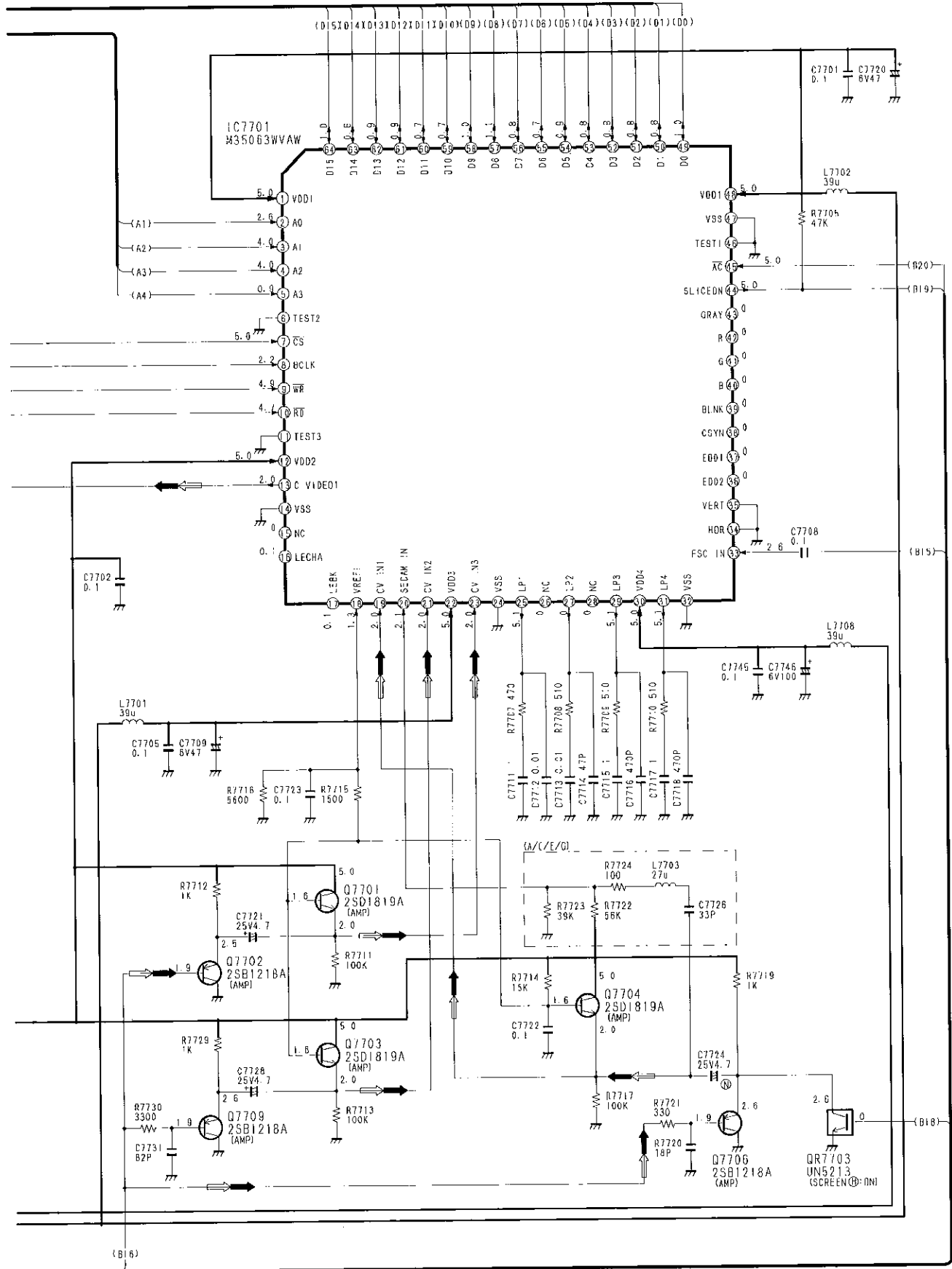
9.9. AV FRONT SCHEMATIC DIAGRAM (NV-HD645)

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



9.10. CYLINDER STATOR UNIT SCHEMATIC DIAGRAM

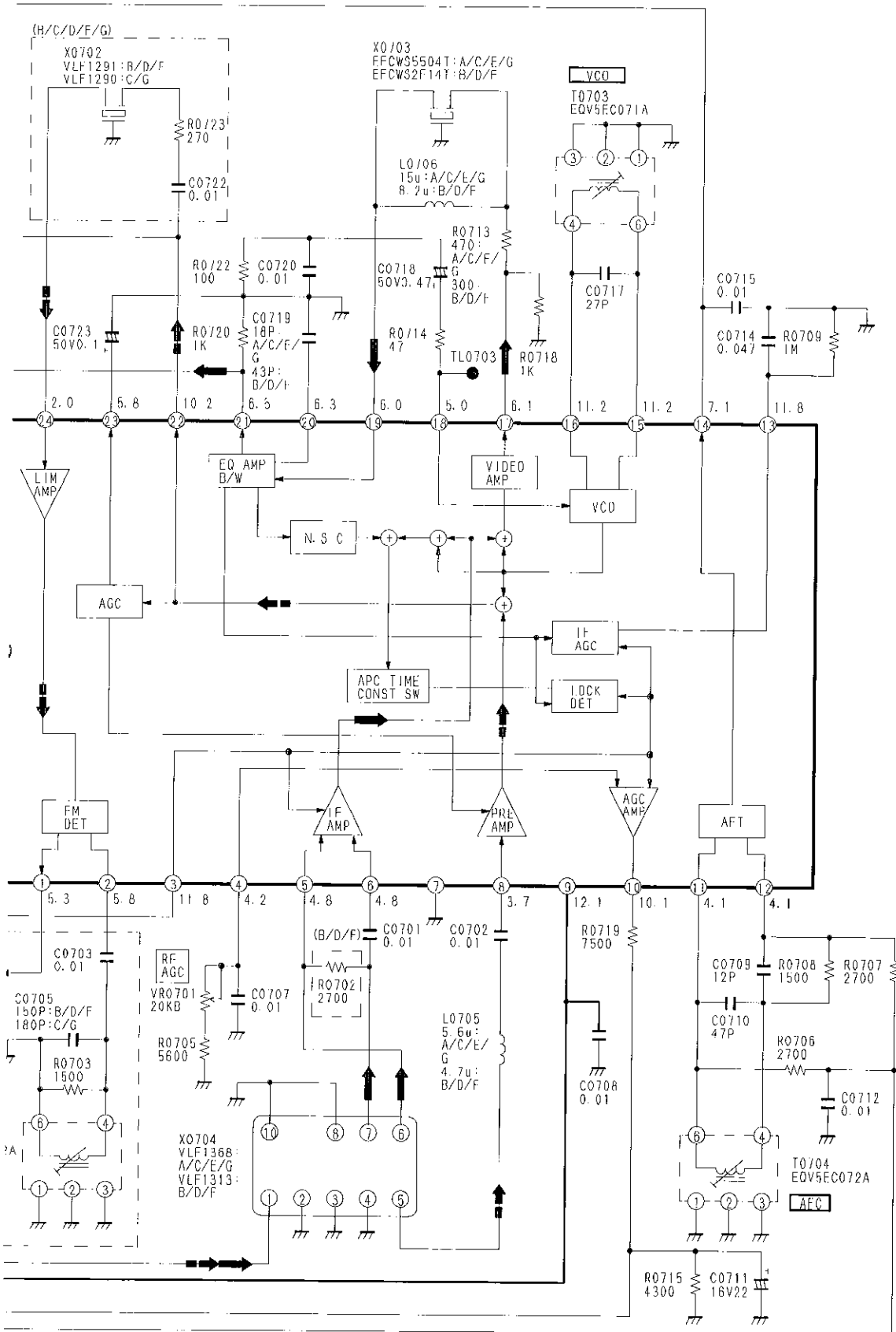




NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

← VIDEO SIGNAL PATH

← AUDIO SIGNAL PATH

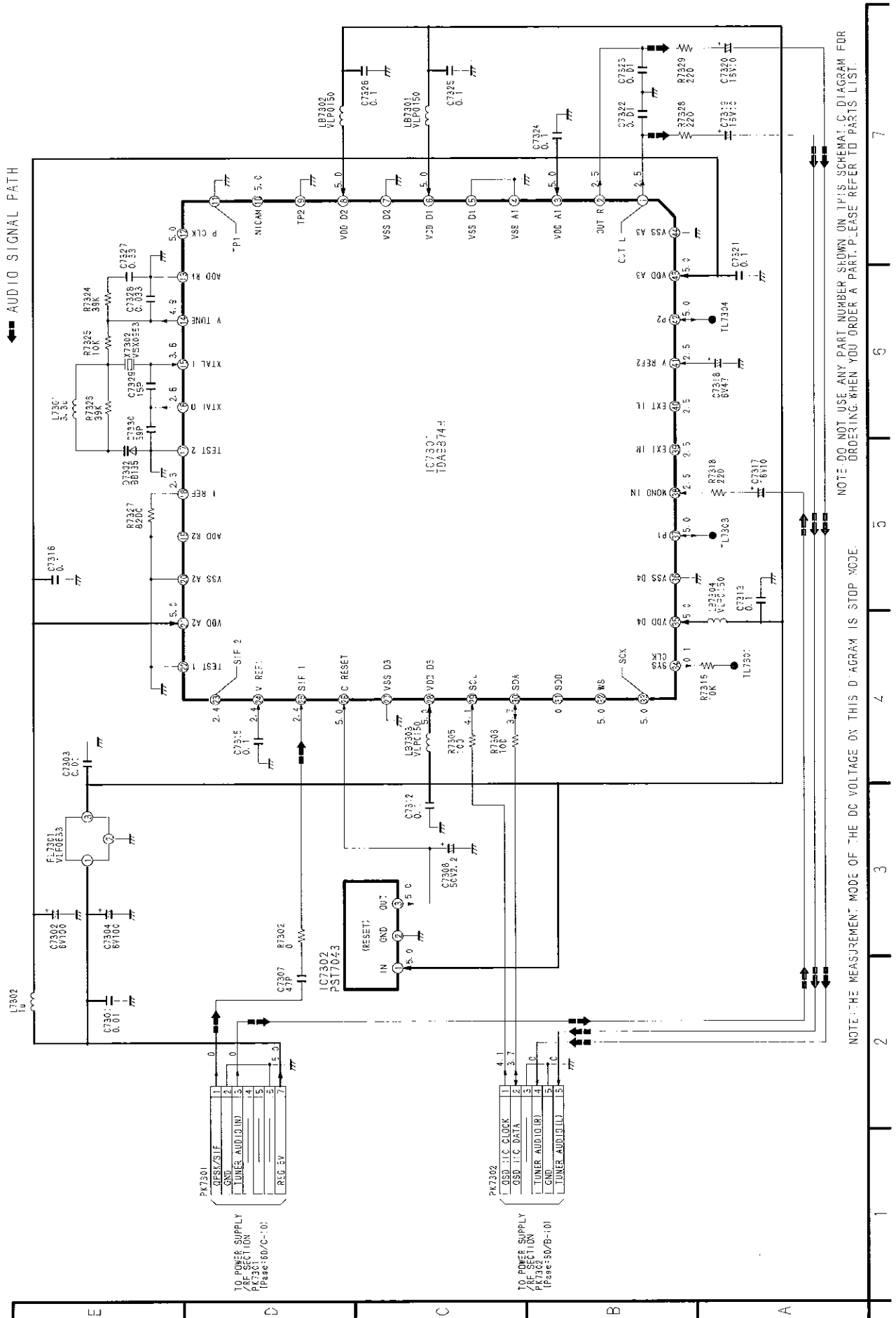


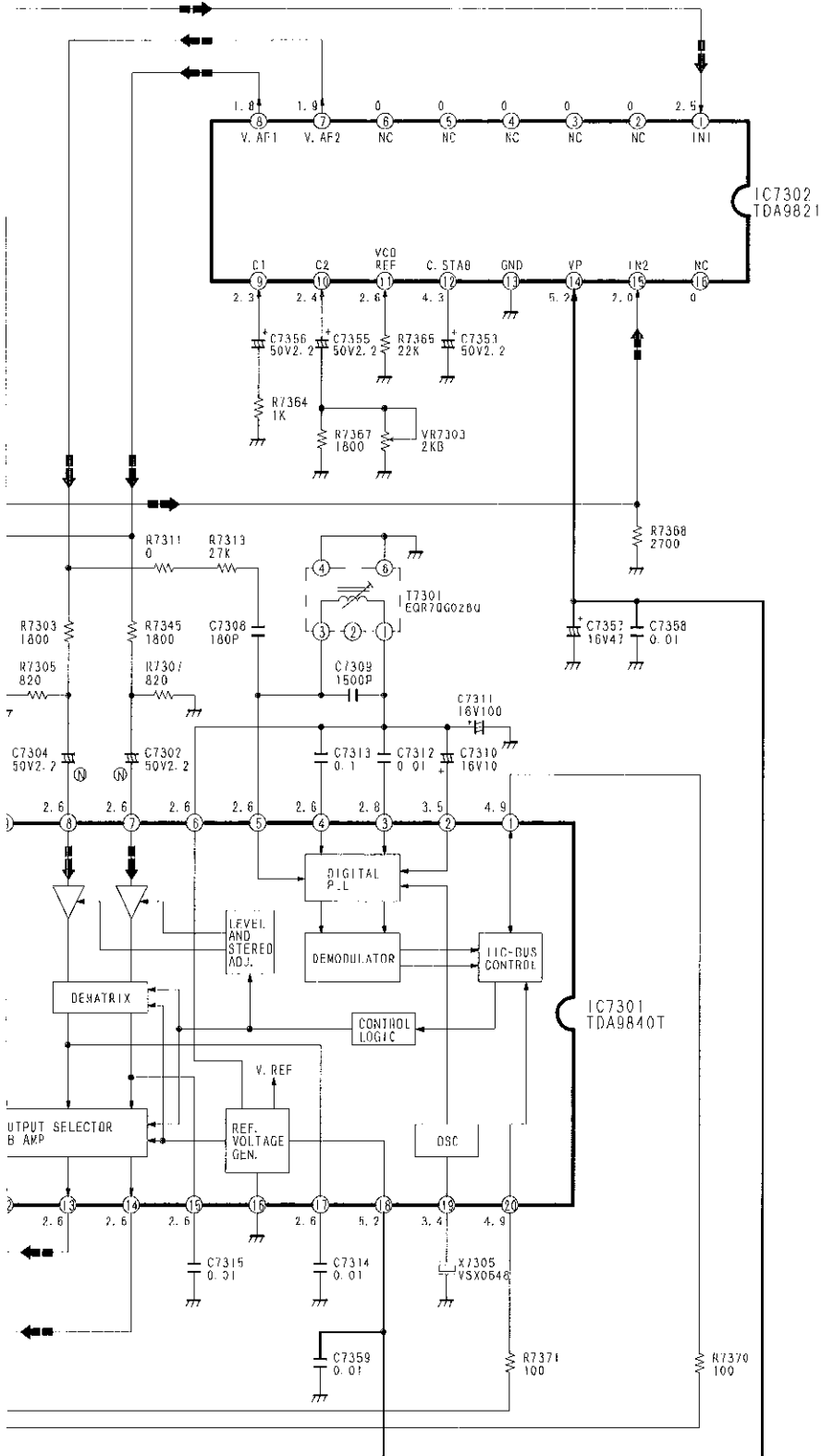
M IS STOP MODE.

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

4 | 5 | 6 | 7

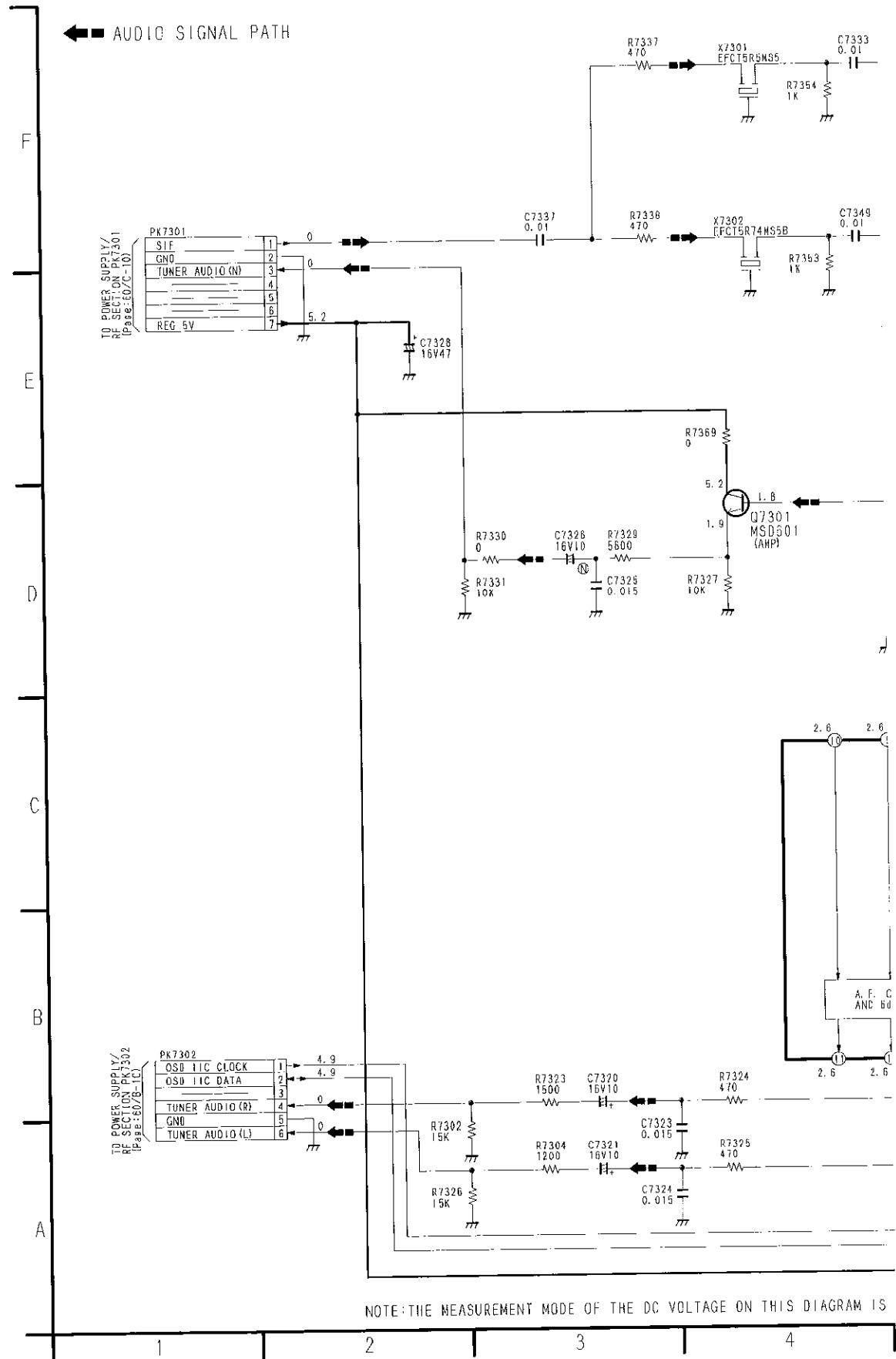
9.13. NICAM DECODER PACK SCHEMATIC DIAGRAM (B/EC/BL)



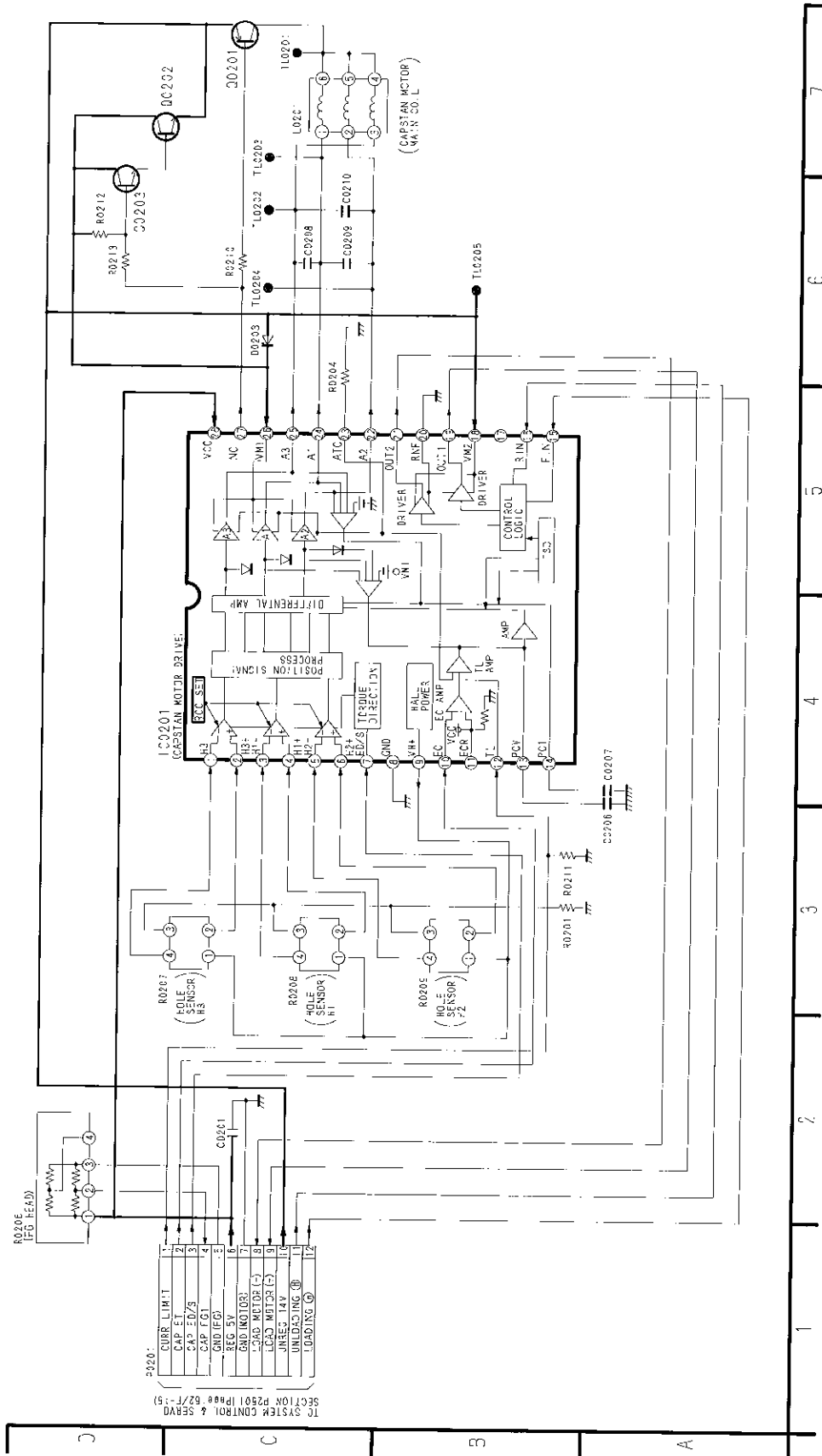


NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR STOP MODE. ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

9.12. DECODER PACK SCHEMATIC DIAGRAM (EG)

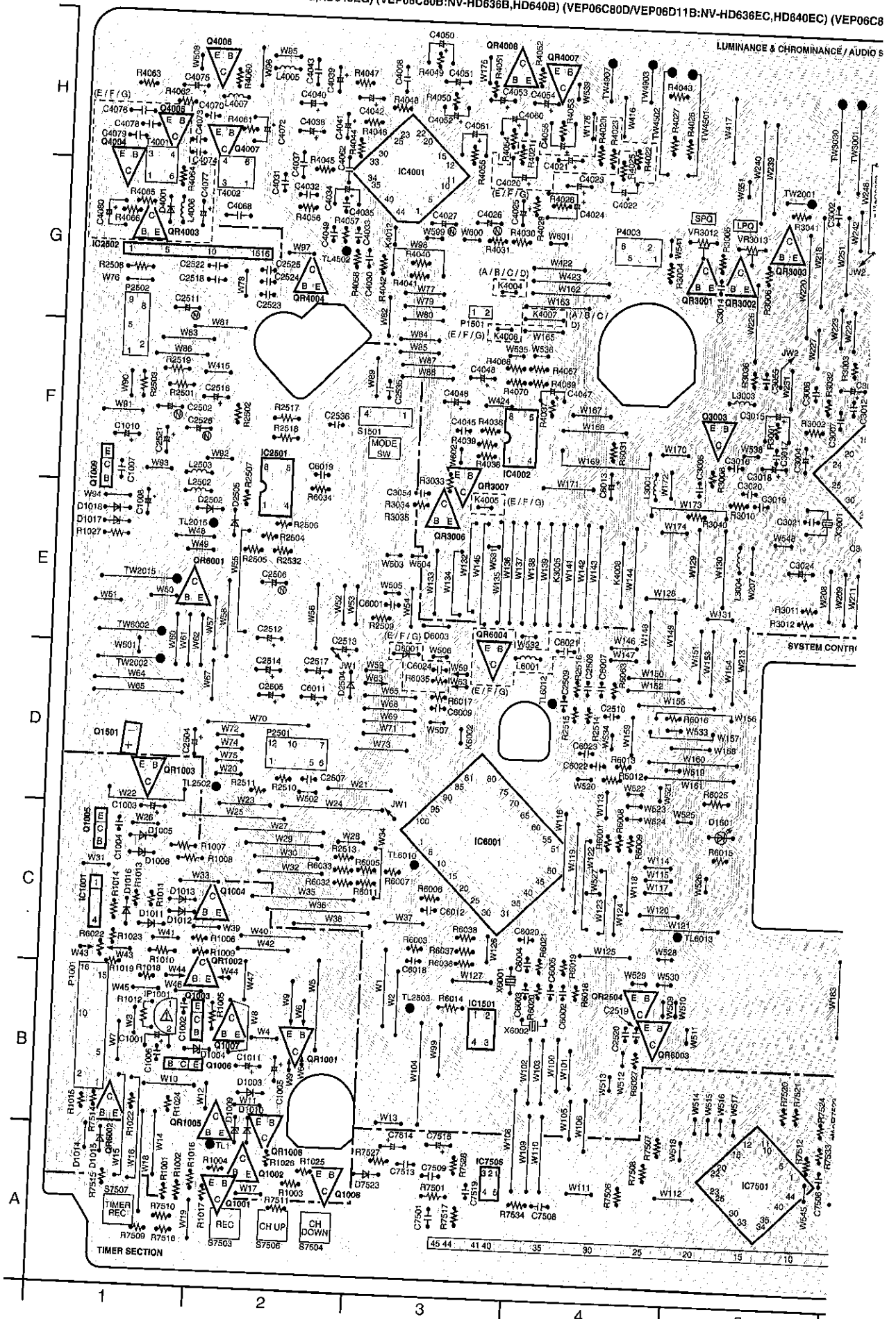


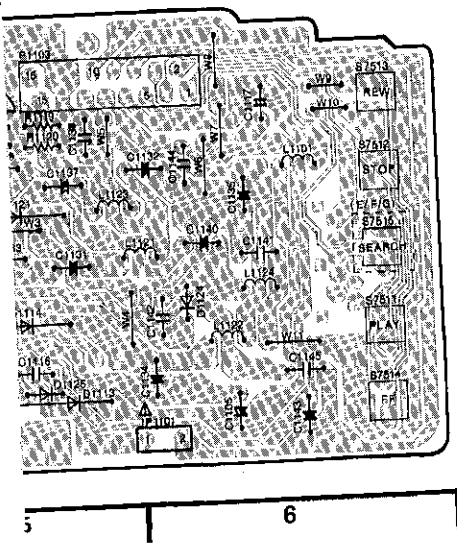
9.14. CAPSTAN UNIT SCHEMATIC DIAGRAM



10.3. MAIN C.B.A.

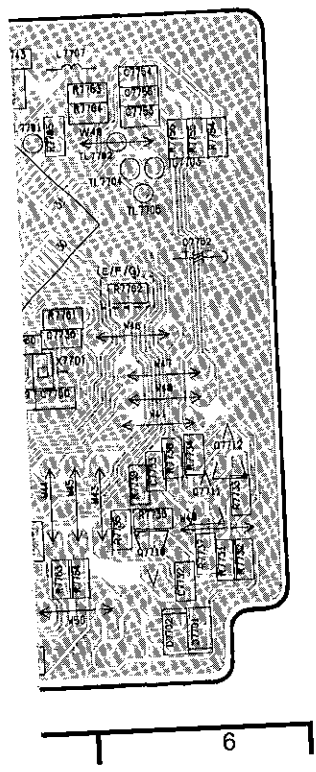
(VEP06C80A/VEP06D11A:NV-HD636EG,HD640EG) (VEP06C80B:NV-HD636B,HD640B) (VEP06C80D/VEP06D11B:NV-HD636EC,HD640EC) (VEP06C8





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



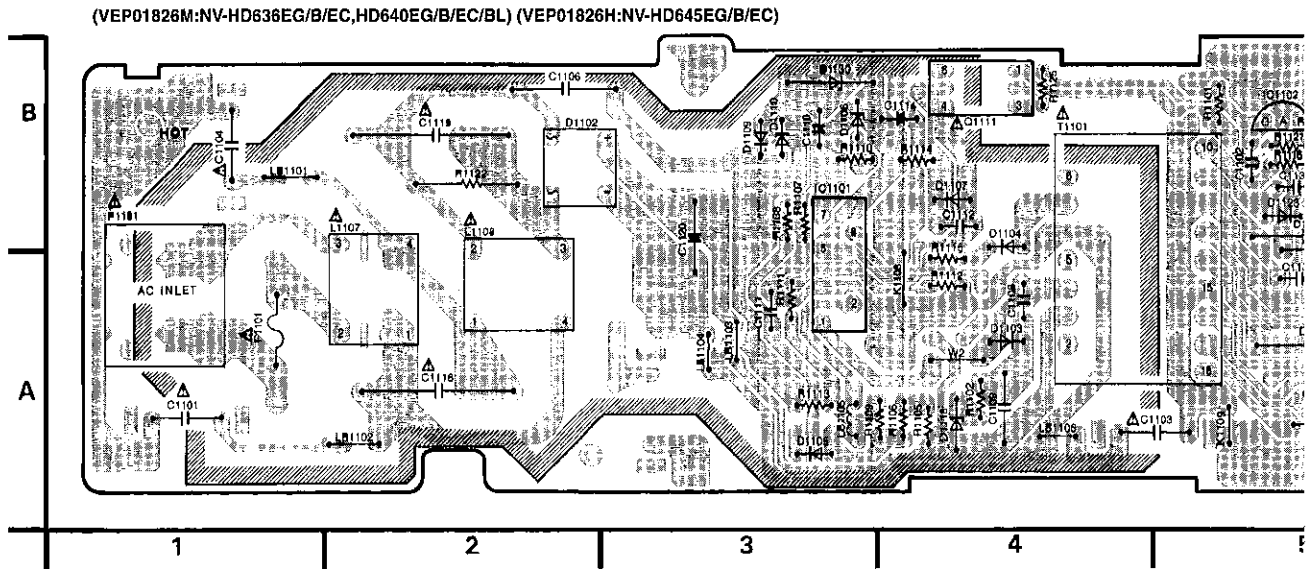
OSD PACK C.B.A.			
Transistor		Integrated Circuit	
Q7701	A-2	IC7701	B-1
Q7702	A-1	IC7703	B-5
Q7703	A-2	Test Point	
Q7704	A-2	TL7701	C-5
Q7708	B-2	TL7702	C-6
Q7707	A-2	TL7703	C-6
Q7708	A-2	TL7704	C-6
Q7709	A-3	TL7705	C-6
Q7710	A-6	Connector	
Q7711	A-6	PK7701	A-5
Q7712	B-6	PK7702	A-3
Transistor & Resistor			
QR7703	B-3		

ADDRESS INFORMATION

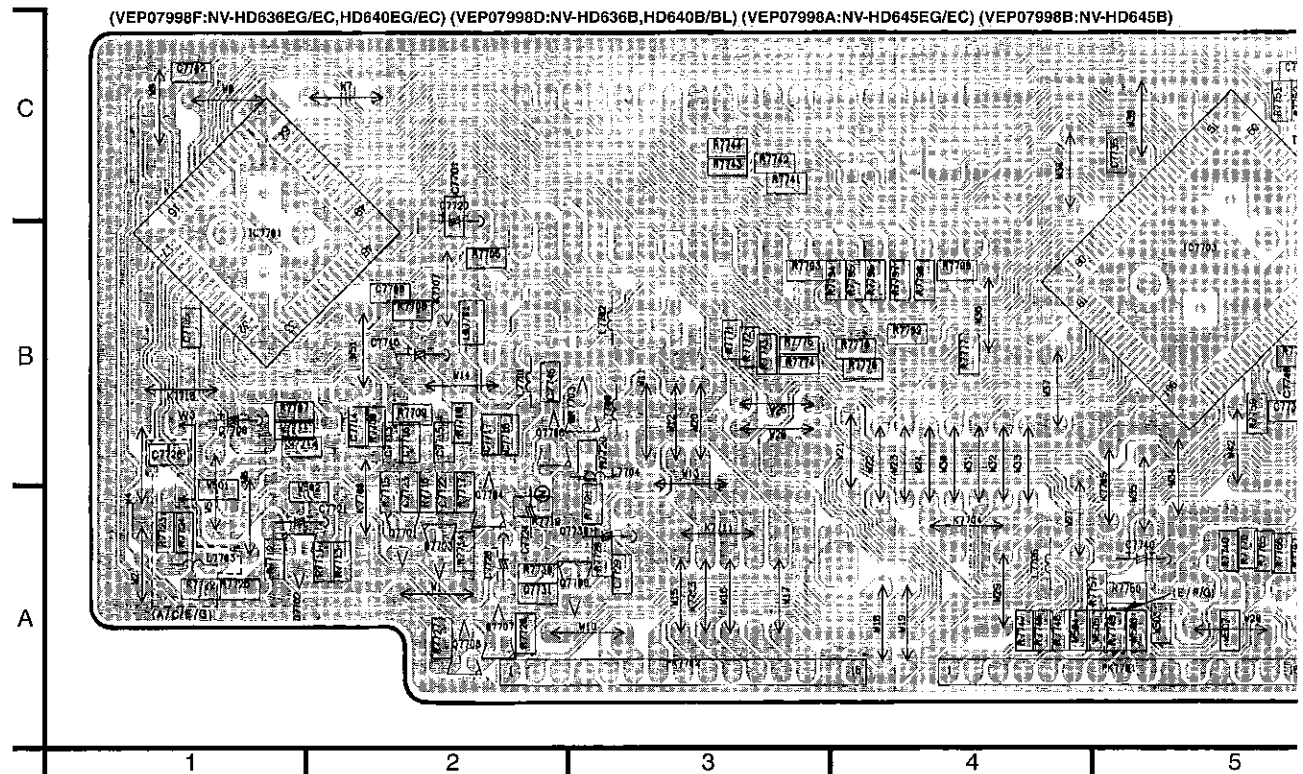
10 CIRCUIT BOARD ASSEMBLIES

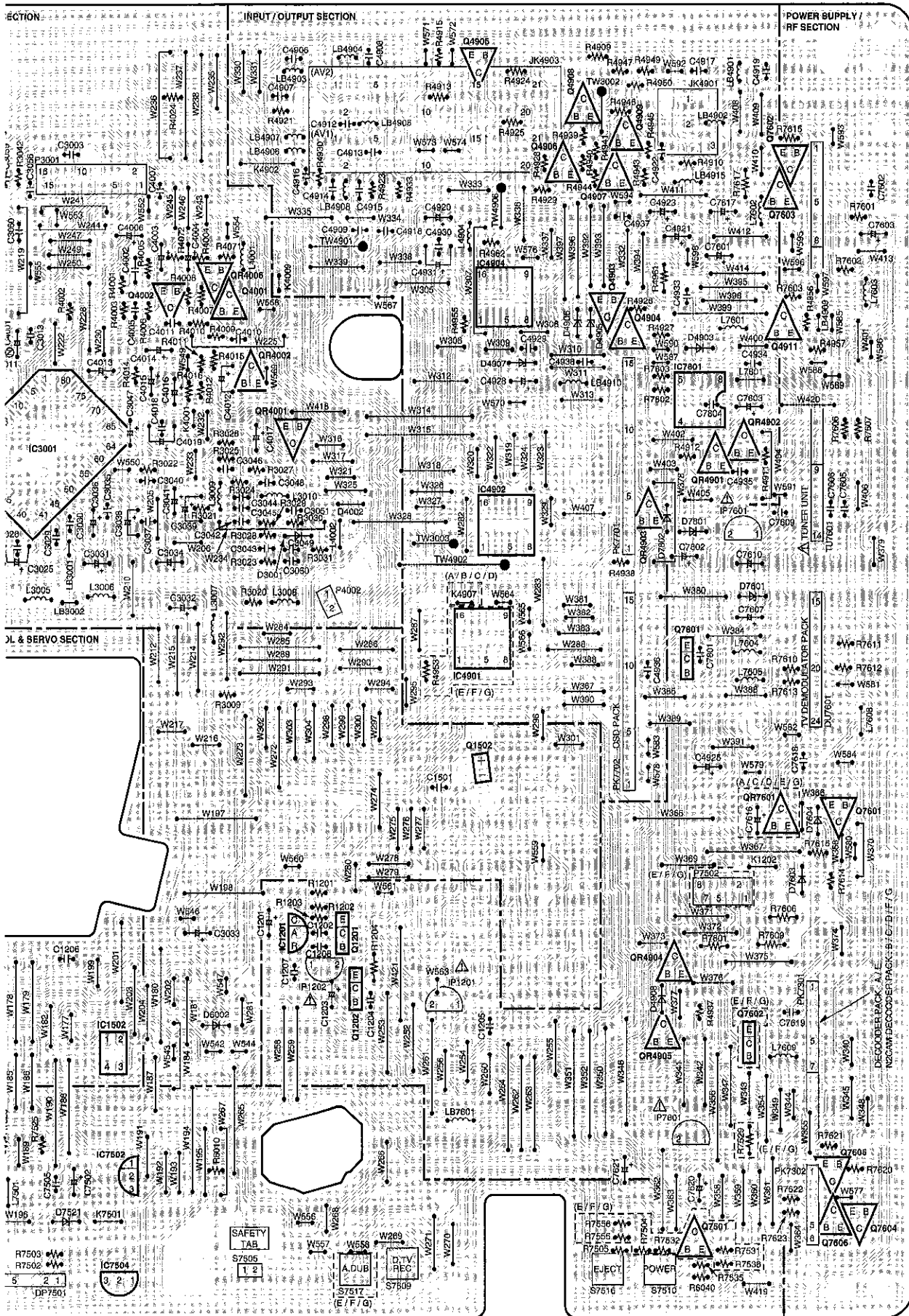
10.1. POWER C.B.A.

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

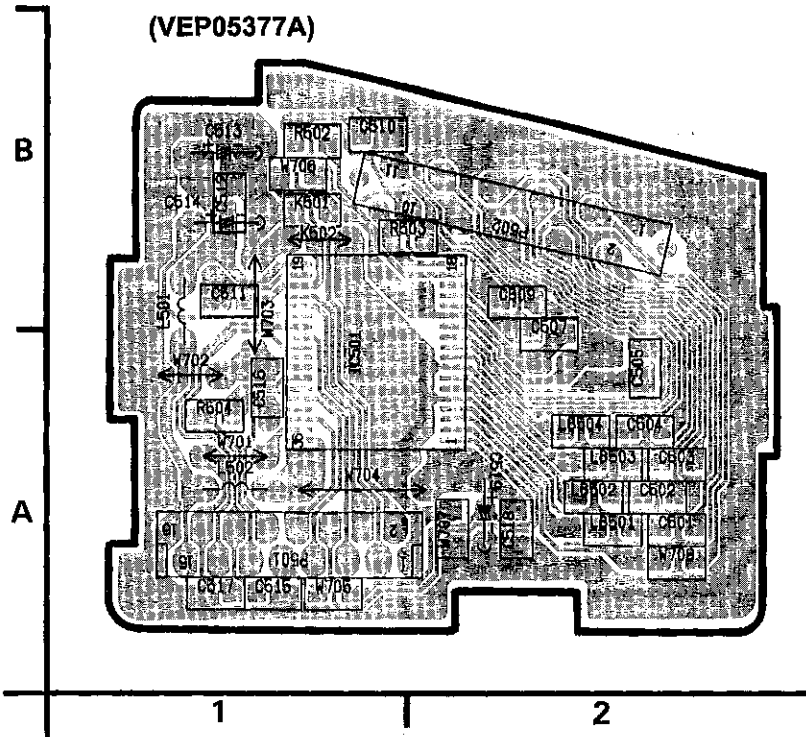


10.2. OSD PACK C.B.A.





10.6. HEAD AMP C.B.A.

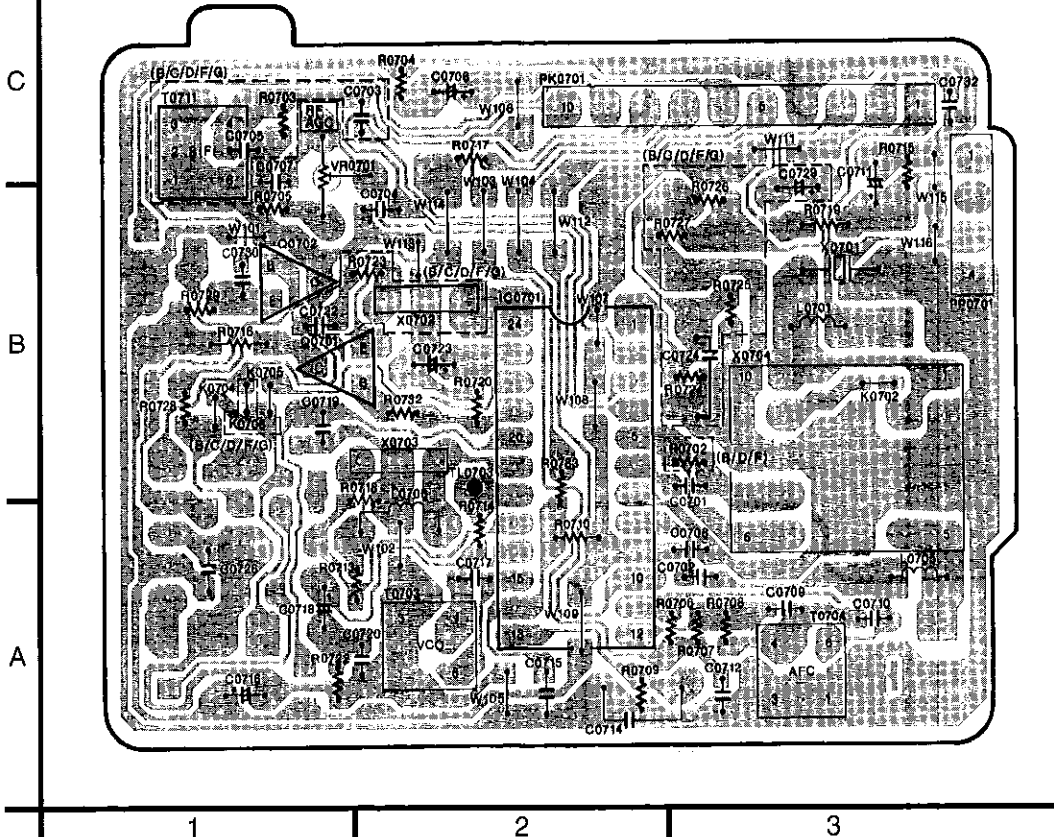


HEAD AMP C.B.A.	
Integrated Circuit	
IC501	A-1
Connector	
P501	A-1
P502	B-2

ADDRESS INFORMATION

10.7. TV DEMODULATOR PACK C.B.A.

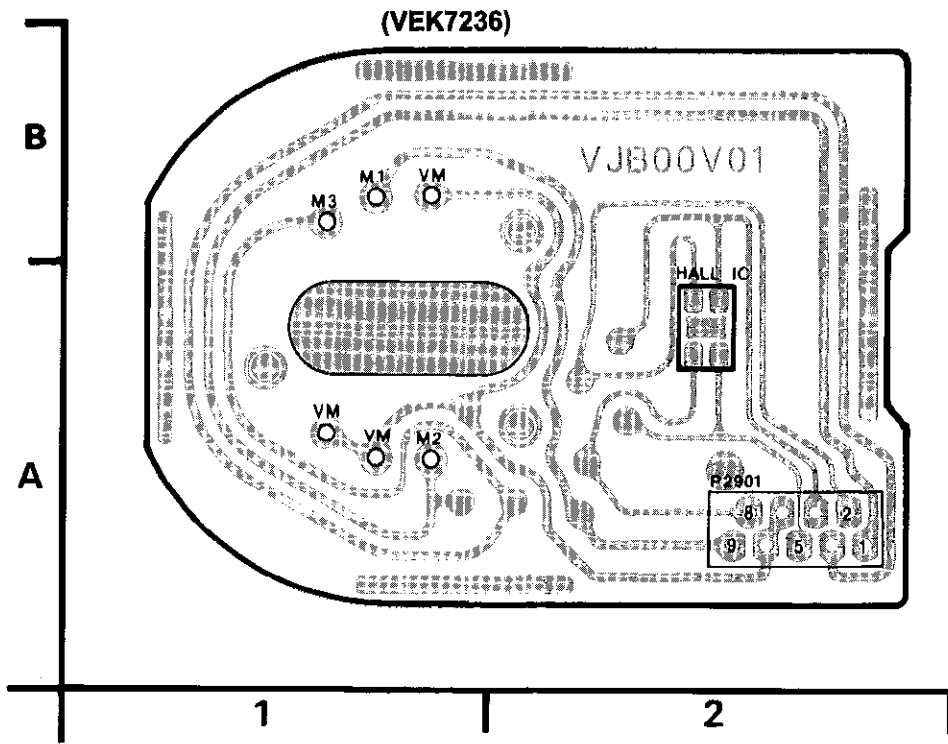
(VEP07801BA:NV-HD636EG,HD640EG,HD645EG) (VEP07801AX:NV-HD636B,HD640B/BL,HD645B)
(VEP07801AY:NV-HD636EC,HD640EC,HD645EC)



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

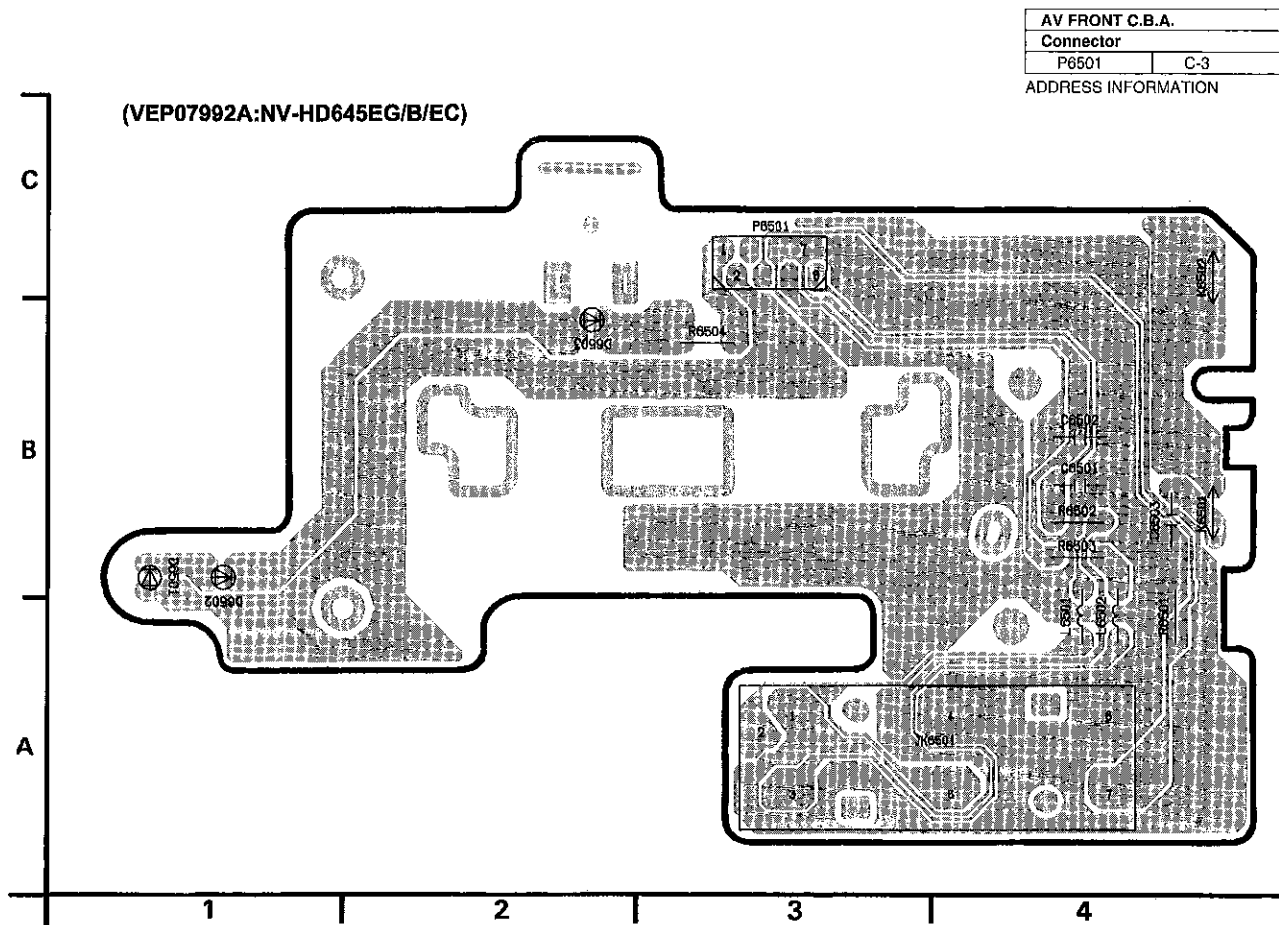
ADDRESS INFORMATION

10.4. CYLINDER STATOR UNIT



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

10.5. AV FRONT C.B.A. (NV-HD645)

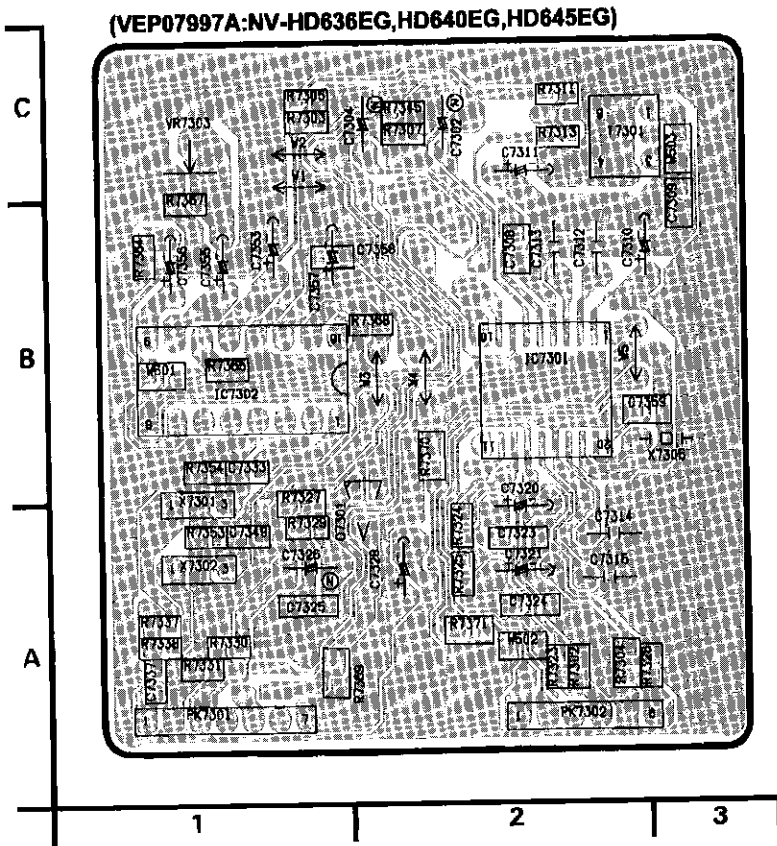


AV FRONT C.B.A.	
Connector	
P6501	C-3
ADDRESS INFORMATION	

MAIN C.B.A.			
Transistor		Integrated Circuit	
Q1001	A-2	IC1001	C-1
Q1002	A-2	IC1201	C-7
Q1003	B-2	IC1501	B-3
Q1004	C-2	IC1502	B-6
Q1005	C-1	IC2501	F-2
Q1006	B-1	IC2502	G-1
Q1007	B-1	IC3001	F-6
Q1008	A-2	IC4001	H-3
Q1009	F-1	IC4002	F-3
Q1201	C-8	IC4901	E-8
Q1202	C-8	IC4902	E-9
Q1501	D-1	IC4904	G-9
Q1502	D-8	IC6001	C-3
Q3003	F-5	IC7501	A-5
Q4001	G-7	IC7502	A-6
Q4002	G-7	IC7504	A-6
Q4004	G-1	IC7505	A-3
Q4005	H-1	IC7801	F-10
Q4006	H-1		
Q4007	H-1		
Q4903	G-9		
Q4904	F-9		
Q4905	H-8		
Q4906	G-9		
Q4907	G-9		
Q4908	H-9		
Q4909	H-9		
Q4911	G-10		
Q7501	A-10		
Q7502	B-10		
Q7601	D-10		
Q7602	H-10		
Q7603	G-10		
Q7604	A-10		
Q7605	A-10		
Q7606	A-10		
Q7801	E-10		
Transistor & Resistor		Test Point	
QR1001	B-2	TL1	A-2
QR1002	B-2	TL2015	E-1
QR1003	D-1	TL2502	D-2
QR1005	B-2	TL2503	B-3
QR1006	B-2	TL4502	G-2
QR2504	B-4	TL6010	C-3
QR3001	G-5	TL6012	D-4
QR3002	G-5	TL6013	C-5
QR3003	G-5	TW2001	G-5
QR3006	F-3	TW2002	D-1
QR3007	E-3	TW2015	E-1
QR4001	F-7	TW3001	H-5
QR4002	F-7	TW3002	H-9
QR4003	G-1	TW3003	E-8
QR4004	G-2	TW3030	H-5
QR4006	G-7	TW4501	H-4
QR4007	H-4	TW4502	H-4
QR4008	H-3	TW4901	G-8
QR4901	F-10	TW4902	E-8
QR4902	F-10	TW4903	H-4
QR4903	E-9	TW4906	G-9
QR4904	C-10	TW4907	H-4
QR4905	B-10	TW6002	E-1
QR6001	E-1		
QR6002	B-1		
QR6003	B-4		
QR6004	E-3		
QR7601	D-10		
		Adjustment	
		VR3012	G-4
		VR3013	G-5
		Connector	
		P1001	B-1
		P1501	G-3
		P2501	D-2
		P2502	F-1
		P3001	G-6
		P4002	E-8
		P4003	G-4
		P7502	C-10
		PK7301	B-10
		PK7302	A-10
		PK7701	F-9
		PK7702	D-9

ADDRESS INFORMATION

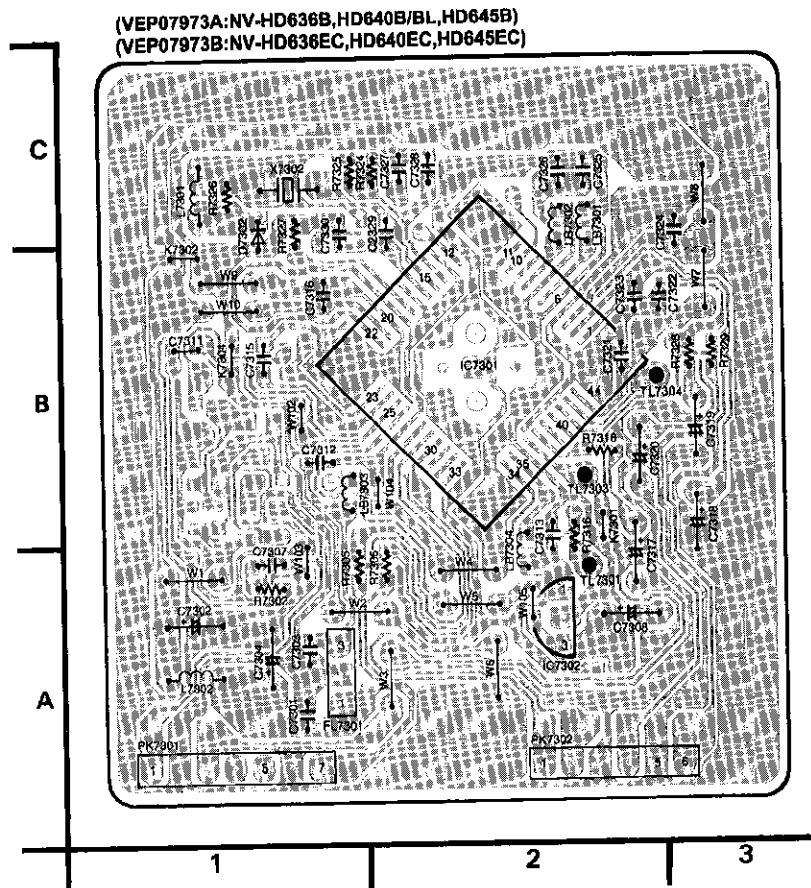
10.8. DECODER PACK C.B.A. (EG)



DECODER PACK C.B.A.	
Transistor	
Q7301	A-1
Integrated Circuit	
IC7301	B-2
IC7302	B-1
Adjustment	
T7301	C-2
VR7303	C-1
Connector	
PK7301	A-1
PK7302	A-2

ADDRESS INFORMATION

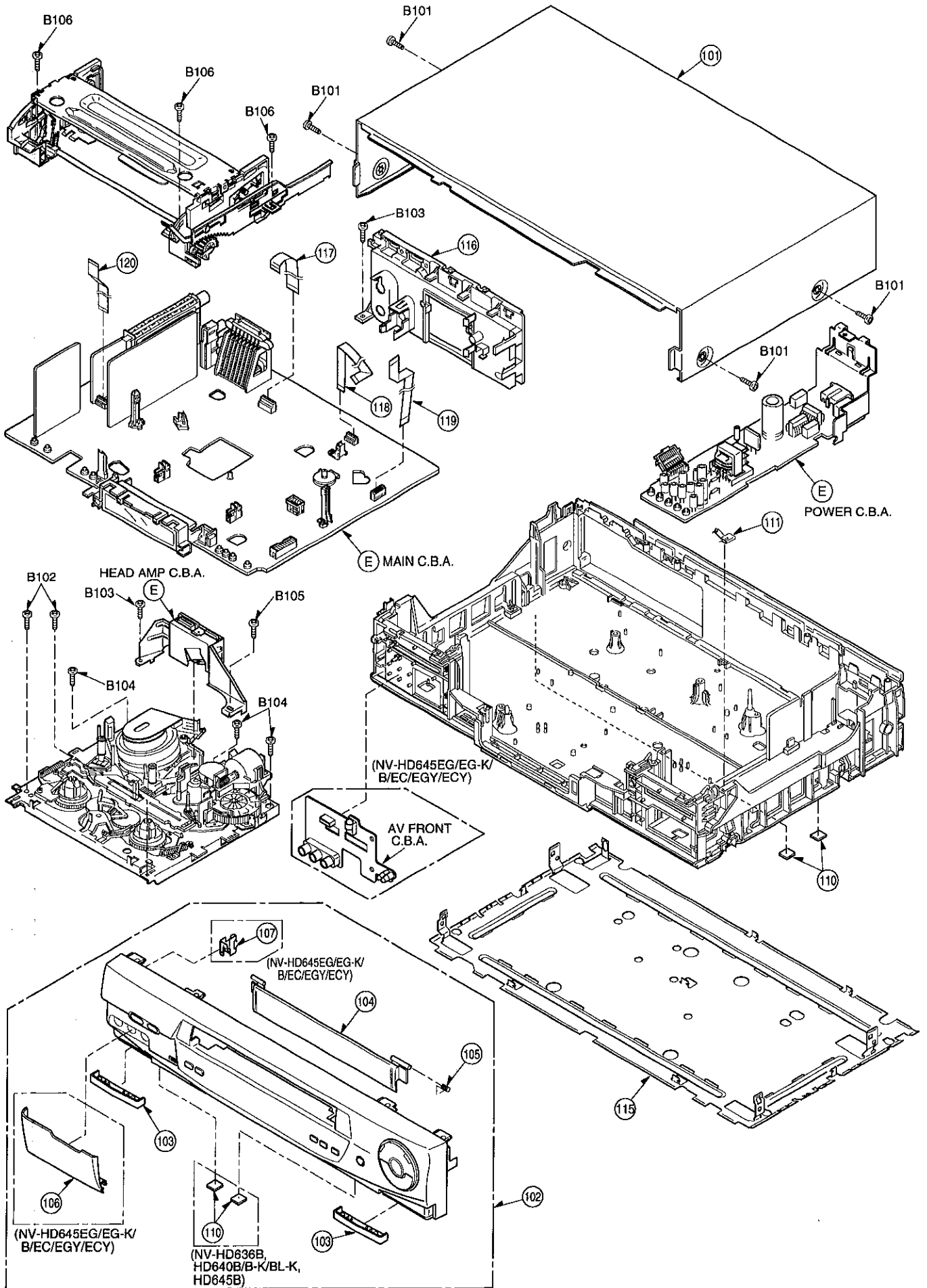
10.9. NICAM DECODER PACK C.B.A. (B/EC/BL)



NICAM DECODER PACK C.B.A.	
Integrated Circuit	
IC7301	B-2
IC7302	A-2
Test Point	
TL7301	A-2
TL7302	B-2
TL7303	B-2
Connector	
PK7301	A-1
PK7302	A-2

ADDRESS INFORMATION

11.2. 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 Δ 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)	VGM1486	TOP PANEL	1	[SUPPLIED FROM MBV] NV-HD636EG/B/EC NV-HD640EG-K/B-K/BL-K NV-HD640EC-K NV-HD645EG-K
101 (2)	VGM1556	TOP PANEL	1	[SUPPLIED FROM MBV] NV-HD640EG/B/EC NV-HD645EG/B/EC
102 (2)	VYP7157	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD638EG
102 (2)	VYP7159	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD638B
102 (2)	VYP7158	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD638EC
102 (2)	VYP7049	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD640EG
102 (2)	VYP7137	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD640EG-K
102 (2)	VYP7140	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD640B
102 (2)	VYP7141	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD640B-K/BL-K
102 (2)	VYP7138	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD640EC
102 (2)	VYP7139	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD640EC-K
102 (2)	VYP7152	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD645EG
102 (2)	VYP7309	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD645EG-K
102 (2)	VYP7154	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD645B
102 (2)	VYP7153	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV] NV-HD645EC
103 (2)	VKA0191	LEG	2	[SUPPLIED FROM MBV]
104 (2)	VKF3037	BLINDER PANEL	1	[SUPPLIED FROM MBV] NV-HD638EG/B/EC NV-HD640EG-K/B-K/BL-K NV-HD640EC-K NV-HD645EG-K
104 (2)	VKF3011	BLINDER PANEL	1	[SUPPLIED FROM MBV] NV-HD640EG/B/EC NV-HD645EG/B/EC
105 (2)	VMB2521	BLINDER SPRING	1	
106 (2)	VKF3004	DOOR	1	[SUPPLIED FROM MBV] NV-HD645EG
106 (2)	VKF3099	DOOR	1	[SUPPLIED FROM MBV] NV-HD645EG-K
106 (2)	VKF3044	DOOR	1	[SUPPLIED FROM MBV] NV-HD645B
106 (2)	VKF3043	DOOR	1	[SUPPLIED FROM MBV] NV-HD645EC
107 (2)	VMC1289	EARTH SPRING	1	NV-HD645EG/EG-K/B/EC
110 (2)	RKA0072	FOOT	2	NV-HD636EG/EC [SUPPLIED FROM MBV] NV-HD640EG/EG-K/EC/EC-K NV-HD645EG/EG-K/EC
110 (2)	RKA0072	FOOT	4	NV-HD636B [SUPPLIED FROM MBV] NV-HD640B/B-K/BL-K NV-HD645B
111 (2)	VMC1065	EARTH SPRING	1	
115 (2)	VKU0519	BOTTOM PLATE	1	
116 (2)	VJH1024	JACK PLATE	1	[SUPPLIED FROM MBV]
117 (2)	VWJ1260	FLAT CARD CABLE (16P)	1	[SUPPLIED FROM MBV] P3001 - P501
118 (2)	VWJ1281	FLAT CARD CABLE (8P)	1	[SUPPLIED FROM MBV] P4003 - A/C HEAD
119 (2)	VWJ1282	FLAT CARD CABLE (8P)	1	[SUPPLIED FROM MBV] P2502 - P2801
120 (2)	VWJ1279	FLAT CARD CABLE (8P)	1	[SUPPLIED FROM MBV]

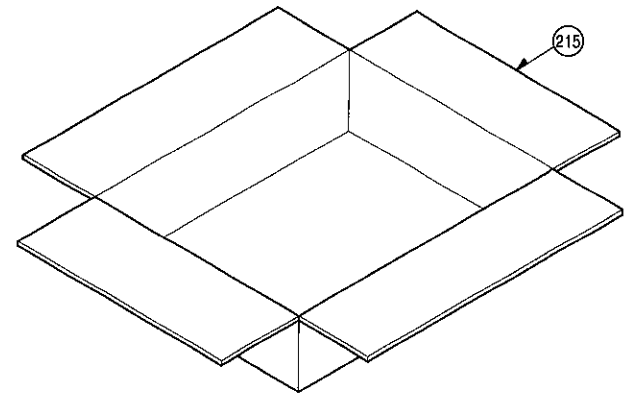
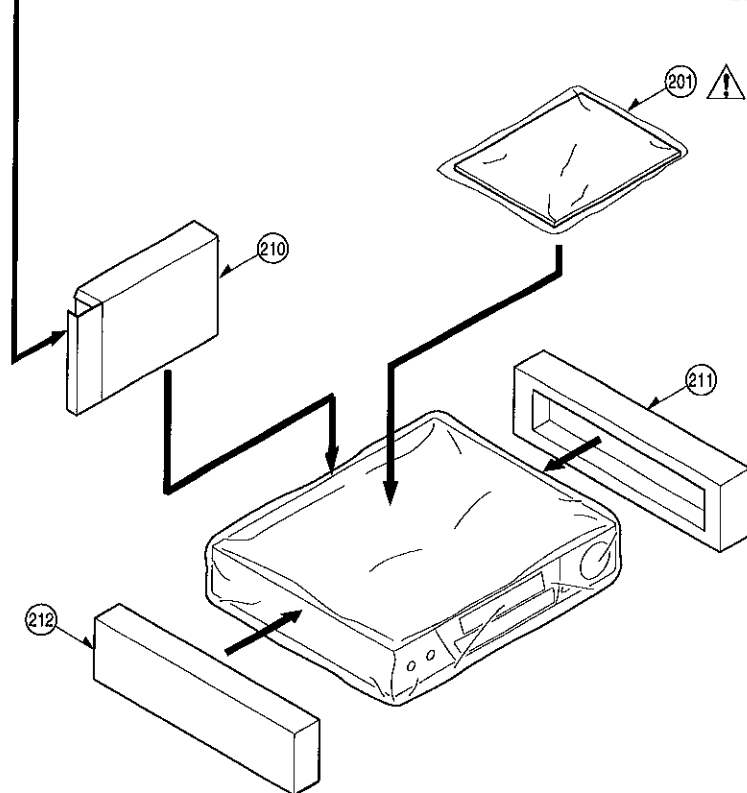
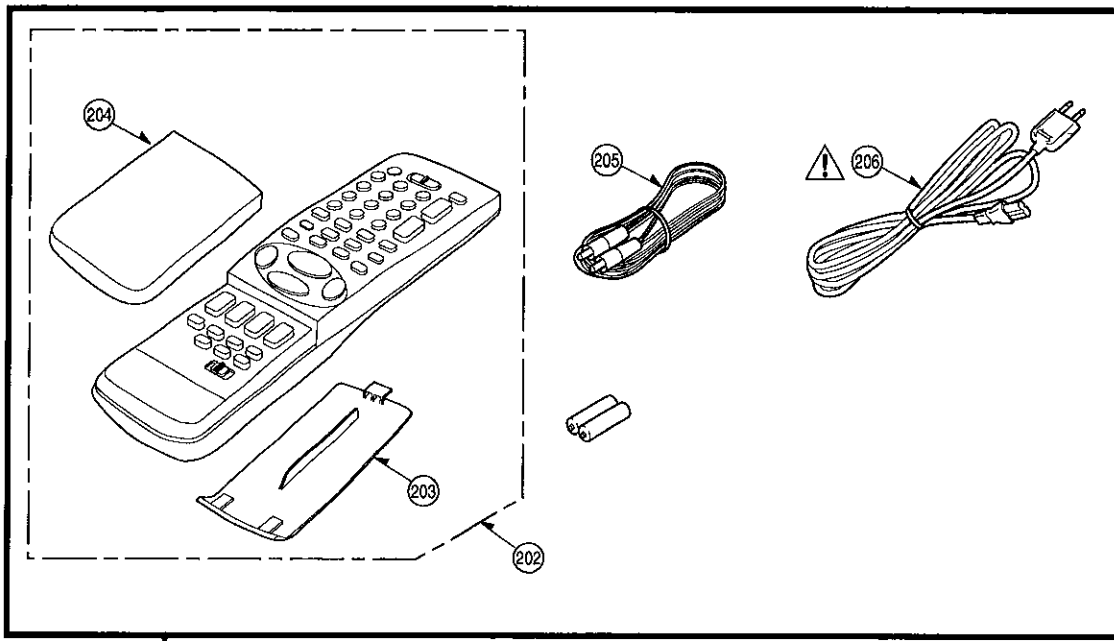
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
				P7502 - P6501
				NV-HD645EG/EG-K/B/EC
B101 (2)	XTW3+10TFZ	SCREW	4	NV-HD638EG/B/EC NV-HD640EG-K/B-K/BL-K NV-HD640EC-K NV-HD645EG-K
B101 (2)	XTW3+10TFC	SCREW	4	NV-HD640EG/B/EC NV-HD645EG/B/EC
B102 (2)	VHD0168	SCREW	2	
B103 (2)	VHD0773	SCREW	2	
B104 (2)	VHD1085	SCREW	3	
B105 (2)	XTV28+9FR	SCREW	1	
B106 (2)	XTV28+9FR	SCREW	3	

Note: 1. *Be sure to make your orders of replacement parts according to this list.
 2. IMPORTANT SAFETY NOTICE
 Components identified with the mark Δ 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
Δ 201 (3)	VQT7892	OPERATING INSTRUCTIONS (GERMAN)	1	[SUPPLIED FROM MBV] NV-HD638EG/EC NV-HD640EG/EG-K/EC/EC-K
Δ 201 (3)	VQT7894	OPERATING INSTRUCTIONS (ITALIAN)	1	[SUPPLIED FROM MBV] NV-HD638EG NV-HD640EG/EG-K
Δ 201 (3)	VQT7896	OPERATING INSTRUCTIONS (DUTCH)	1	[SUPPLIED FROM MBV] NV-HD638EG/EC NV-HD640EG/EG-K/EC/EC-K
Δ 201 (3)	VQT7899	OPERATING INSTRUCTIONS (GREEK)	1	[SUPPLIED FROM MBV] NV-HD638EG NV-HD640EG/EG-K
Δ 201 (3)	VQT7904	OPERATING INSTRUCTIONS (ENGLISH)	1	[SUPPLIED FROM MBV] NV-HD638B NV-HD640EG/EG-K
Δ 201 (3)	VQT7893	OPERATING INSTRUCTIONS (FRENCH)	1	[SUPPLIED FROM MBV] NV-HD638EG/EC NV-HD640EG/EG-K/EC/EC-K
Δ 201 (3)	VQT7895	OPERATING INSTRUCTIONS (SPANISH, PORTUGUESE)	1	[SUPPLIED FROM MBV] NV-HD638EC NV-HD640EG/EG-K
Δ 201 (3)	VQT7898	OPERATING INSTRUCTIONS (DANISH, FINNISH)	1	[SUPPLIED FROM MBV] NV-HD638EC NV-HD640EG/EC-K
Δ 201 (3)	VQT8118	OPERATING INSTRUCTIONS (SWEDISH)	1	[SUPPLIED FROM MBV] NV-HD638EC NV-HD640EC/EC-K
Δ 201 (3)	VQT7891	OPERATING INSTRUCTIONS (ENGLISH)	1	[SUPPLIED FROM MBV] NV-HD638EG/EC NV-HD640EG/EG-K/EC/EC-K
Δ 201 (3)	VQT7900	OPERATING INSTRUCTIONS (ENGLISH)	1	[SUPPLIED FROM MBV] NV-HD640B/B-K/BL-K NV-HD645EG/EG-K/EC
Δ 201 (3)	VQT7906	OPERATING INSTRUCTIONS (GERMAN)	1	[SUPPLIED FROM MBV] NV-HD645EG/EG-K/EC
Δ 201 (3)	VQT7908	OPERATING INSTRUCTIONS (ITALIAN)	1	[SUPPLIED FROM MBV] NV-HD645EG/EG-K
Δ 201 (3)	VQT7910	OPERATING INSTRUCTIONS (DUTCH)	1	[SUPPLIED FROM MBV] NV-HD645EG/EG-K/EC
Δ 201 (3)	VQT7913	OPERATING INSTRUCTIONS (GREEK)	1	[SUPPLIED FROM MBV] NV-HD645EG/EG-K
Δ 201 (3)	VQT7914	OPERATING INSTRUCTIONS (ENGLISH)	1	[SUPPLIED FROM MBV] NV-HD645B
Δ 201 (3)	VQT7907	OPERATING INSTRUCTIONS (FRENCH)	1	[SUPPLIED FROM MBV] NV-HD645EG/EC
Δ 201 (3)	VQT7909	OPERATING INSTRUCTIONS (SPANISH, PORTUGUESE)	1	[SUPPLIED FROM MBV] NV-HD645EC
Δ 201 (3)	VQT7912	OPERATING INSTRUCTIONS (DANISH, FINNISH)	1	[SUPPLIED FROM MBV] NV-HD645EC
Δ 201 (3)	VQT8119	OPERATING INSTRUCTIONS (SWEDISH)	1	[SUPPLIED FROM MBV] NV-HD645EC
Δ 201 (3)	VQT7905	OPERATING INSTRUCTIONS (ENGLISH)	1	[SUPPLIED FROM MBV] NV-HD645EG/EC
202 (3)	VEQ2224	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV] NV-HD638EG/EC NV-HD640EG/EG-K/EC/EC-K
202 (3)	VEQ2235	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV] NV-HD638B NV-HD640B/B-K/BL-K
202 (3)	VEQ2225	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV] NV-HD640B/B-K/BL-K
202 (3)	VEQ2227	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV] NV-HD645EG/EG-K/EC
202 (3)	VEQ2228	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV] NV-HD645B
203 (3)	VKF3025	BATTERY COVER	1	
204 (3)	VGP4960	DOOR PANEL	1	
205 (3)	VJA0963	DIN RF CABLE	1	[SUPPLIED FROM MBV]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Δ 208 (3)	VJA1058	AC CORD	1	NV-HD638EG/EC [SUPPLIED FROM MBV] NV-HD640EG/EG-K/EC/EC-K NV-HD645EG/EG-K/EC
Δ 208 (3)	VJA1022	AC CORD	1	[SUPPLIED FROM MBV] NV-HD638B NV-HD640B/B-K/BL-K NV-HD645B
210 (3)	VPK2246	ACCESSORIES PACKING	1	[SUPPLIED FROM MBV]
211 (3)	VPN5125	CUSHION (L)	1	[SUPPLIED FROM MBV]
212 (3)	VPN5126	CUSHION (R)	1	[SUPPLIED FROM MBV]
215 (3)	VPG9789	PACKING CASE	1	[SUPPLIED FROM MBV] NV-HD638EG/B/EC
215 (3)	VPG9787	PACKING CASE	1	[SUPPLIED FROM MBV] NV-HD640EG/B/EC
215 (3)	VPG9788	PACKING CASE	1	[SUPPLIED FROM MBV] NV-HD640EG-K/B-K/BL-K NV-HD640EC-K
215 (3)	VPG9790	PACKING CASE	1	[SUPPLIED FROM MBV] NV-HD645EG/B/EC
215 (3)	VPG9958	PACKING CASE	1	[SUPPLIED FROM MBV] NV-HD645EG-K
		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	MOLYTONE GREASE	1	
	VFK0330	FINE ADJUSTMENT GEAR DRIVER	1	
	VFK2744	16P EXTENSION CABLE	1	MAIN - POWER
	VFK1301	SILICONE GREASE	1	

11.3. PACKING PARTS SECTION



12 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 Δ 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 (μ F), P= μ F.
 4. The P.C. Board units marked with \blacksquare 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
\blacksquare	VEP06C80A	MAIN C. B. A.	1	[SUPPLIED FROM MBV] (RTL)
\blacksquare	VEP06D11A	MAIN C. B. A (For EURO-1 Version) (Page:82)	1	[SUPPLIED FROM MBV] (RTL) NV-HD638EG NV-HD640EG/EG-K THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07801BA VEP07997A VEP07998F
<input type="checkbox"/>	VEP07801BA	TV DEMODULATOR PACK C. B. A	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80A/VEP06D11A).
<input type="checkbox"/>	VEP07997A	DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80A/VEP06D11A).
<input type="checkbox"/>	VEP07998F	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80A/VEP06D11A).
\blacksquare	VEP06C80B	MAIN C. B. A. (Page:87)	1	[SUPPLIED FROM MBV] (RTL) NV-HD638B NV-HD640B/B-K THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07801AX VEP07973A VEP07998D
<input type="checkbox"/>	VEP07801AX	TV DEMODULATOR PACK C. B. A	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80B).
<input type="checkbox"/>	VEP07973A	NICAM DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80B).
<input type="checkbox"/>	VEP07998D	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80B).
\blacksquare	VEP06C80D	MAIN C. B. A.	1	[SUPPLIED FROM MBV] (RTL)
\blacksquare	VEP06D11B	MAIN C. B. A. (For EURO-1 Version) (Page:92)	1	[SUPPLIED FROM MBV] (RTL) NV-HD638EC NV-HD640EG/EG-K THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07801AY VEP07973B VEP07998F
<input type="checkbox"/>	VEP07801AY	TV DEMODULATOR PACK C. B. A	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80D/VEP06D11B).

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
<input type="checkbox"/>	VEP07973B	NICAM DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80D/VEP06D11B).
<input type="checkbox"/>	VEP07998F	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80D/VEP06D11B).
\blacksquare	VEP06C80C	MAIN C. B. A. (Page:97)	1	[SUPPLIED FROM MBV] (RTL) NV-HD640BL-K THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07801AX VEP07973A VEP07998D
<input type="checkbox"/>	VEP07801AX	TV DEMODULATOR PACK C. B. A	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80C).
<input type="checkbox"/>	VEP07973A	NICAM DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80C).
<input type="checkbox"/>	VEP07998D	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80C).
\blacksquare	VEP06C80G	MAIN C. B. A.	1	[SUPPLIED FROM MBV] (RTL)
\blacksquare	VEP06D11D	MAIN C. B. A. (For EURO-1 Version) (Page:103)	1	[SUPPLIED FROM MBV] (RTL) NV-HD645EG/EG-K THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07801BA VEP07997A VEP07998A
<input type="checkbox"/>	VEP07801BA	TV DEMODULATOR PACK C. B. A	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80G/VEP06D11D).
<input type="checkbox"/>	VEP07997A	DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80G/VEP06D11D).
<input type="checkbox"/>	VEP07998A	OSD C. B. A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80G/VEP06D11D).
\blacksquare	VEP06C80H	MAIN C. B. A. (Page:108)	1	[SUPPLIED FROM MBV] (RTL) NV-HD645B THE FOLLOWING C. B. A. S ARE INCLUDED IN MAIN C. B. A. VEP07801AX VEP07973A VEP07998B
<input type="checkbox"/>	VEP07801AX	TV DEMODULATOR PACK C. B. A	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C. B. A. (VEP06C80H).
<input type="checkbox"/>	VEP07973A	NICAM DECODER PACK C. B. A.	1	[SUPPLIED FROM MBV] (RTL)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
				INCLUDED IN MAIN C.B.A. (VEP06C80H).
□	VEP07998B	OSD C.B.A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C.B.A. (VEP06C80H).
■	VEP06C80J	MAIN C.B.A.	1	[SUPPLIED FROM MBV] (RTL)
■	VEP06D11E	MAIN C.B.A. (For EURO-1 Version) (Page:113)	1	[SUPPLIED FROM MBV] (RTL) NV-HD645EG THE FOLLOWING C.B.A.S ARE INCLUDED IN MAIN C.B.A. VEP07801AY VEP07973B VEP07998A
□	VEP07801AY	TV DEMODULATOR PACK C.B.A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C.B.A. (VEP06C80J/VEP06D11E).
□	VEP07973B	NIGAM DECODER PACK C.B.A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C.B.A. (VEP06C80J/VEP06D11E).
□	VEP07998A	OSD C.B.A.	1	[SUPPLIED FROM MBV] (RTL) INCLUDED IN MAIN C.B.A. (VEP06C80J/VEP06D11E).
■	VEP05377A	HEAD AMP C.B.A. (Page:118)	1	[SUPPLIED FROM MBV] (RTL)
△	■	VEP01826M	POWER C.B.A. (Page:119)	1 [SUPPLIED FROM MBV] (RTL) NV-HD638EG/B/EC NV-HD640EG/EG-K/B/B-K NV-HD640EC/EG-K/BL-K
△	■	VEP01826H	POWER C.B.A. (Page:119)	1 [SUPPLIED FROM MBV] (RTL) NV-HD645EG/EG-K/B/EG
■	VEP07992A	AV FRONT C.B.A. (Page:120)	1	[SUPPLIED FROM MBV] (RTL) NV-HD645EG/EG-K/B/EC
■	-----	CYLINDER STATOR C.B.A. (Page:120)	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 (VEK8629).
△	TU7601	ENG47295G1	TUNER	1 [SUPPLIED FROM MBV] NV-HD638EG/EG NV-HD640EG/EG-K/EC/EG-K NV-HD645EG/EG-K/EC INCLUDED IN MAIN C.B.A. (VEP06C80A/D/G/J)
△	TU7601	ENG47294G1	TUNER (For EURO-1 Version)	1 [SUPPLIED FROM MBV] NV-HD638EG/EG NV-HD640EG/EG-K/EC/EG-K NV-HD645EG/EG-K/EC INCLUDED IN MAIN C.B.A. (VEP06D11A/B/D/E)
△	TU7601	ENG47296G1	TUNER	1 [SUPPLIED FROM MBV] NV-HD638EG

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
				NV-HD640B/B-K NV-HD645B
△	TU7601	ENG47297G1	TUNER	1 [SUPPLIED FROM MBV] NV-HD640BL-K
△	F1101	XBA2C16TH15	FUSE	1 [SUPPLIED FROM MBV]
■	VEP06C80A	MAIN C.B.A.		[SUPPLIED FROM MBV] (RTL)
■	VEP06D11A	MAIN C.B.A. (For EURO-1 Version)		[SUPPLIED FROM MBV] (RTL) NV-HD638EG NV-HD640EG/EG-K
C0701, 02	ECUX1H103ZV	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	ECUX1H103ZV	C. CAPACITOR CH 50V	0.01U	2
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V	12P	1
C0710	ECUX1H470JPV	C. CAPACITOR CH 50V	47P	1
C0711	ECEA1CKA220	E. CAPACITOR	16V 22U	1
C0712	ECUX1H103ZV	C. CAPACITOR CH 50V	0.01U	1
C0714	ECQB1H473JF	P. CAPACITOR	50V 0.047U	1
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V	0.01U	1
C0716	ECEA1CKA470	E. CAPACITOR	16V 47U	1
C0717	ECUX1H270JPV	C. CAPACITOR CH 50V	0.27P	1
C0718	ECEA1HKS0R47	E. CAPACITOR	50V 0.47U	1
C0719	ECUX1H180JCV	C. CAPACITOR CH 50V	18P	1
C0720	ECUX1H103ZV	C. CAPACITOR CH 50V	0.01U	1
C0723	ECEA1HKA0R1	E. CAPACITOR	50V 0.1U	1
C0726	ECUX1H103ZV	C. CAPACITOR CH 50V	0.01U	1
C0730	ECUX1H103ZV	C. CAPACITOR CH 50V	0.01U	1
C0732	ECUX1H103ZV	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	ECEA1C6E470	E. CAPACITOR	16V 47U	1
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V	0.01U	1
C1005	ECEA1AKA220	E. CAPACITOR	10V 22U	1
C1006, 07	ECUM1H103ZFN	C. CAPACITOR CH 50V	0.01U	2
C1008	ECA1CAK470X	E. CAPACITOR	16V 47U	1
C1010	ECA1CAK470X	E. CAPACITOR	16V 47U	1
C1011	ECEA1CKA100	E. CAPACITOR	16V 10U	1
C1201	ECEA0JKA101	E. CAPACITOR	6.3V 100U	1
C1202	ECUM1H103ZFN	C. CAPACITOR CH 50V	0.01U	1
C1203	ECEA1AKA220	E. CAPACITOR	10V 22U	1
C1204	ECUM1H103ZFN	C. CAPACITOR CH 50V	0.01U	1
C1205-07	ECUM1E104KBN	C. CAPACITOR CH 25V	0.1U	3
C1208	ECUM1H103ZFN	C. CAPACITOR CH 50V	0.01U	1
C1501	ECUM1H221JCN	C. CAPACITOR CH 50V	220P	1
C2502	ECEA1YKN4R7	E. CAPACITOR	35V 4.7U	1
C2504	ECEA1EGE470	E. CAPACITOR	25V 47U	1
C2505	ECEA0JKA470	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	ECEA1YKN4R7	E. CAPACITOR	35V 4.7U	1
C2512	ECEA0JKA221	E. CAPACITOR	6.3V 220U	1
C2513	ECEA1EKA4R7	E. CAPACITOR	25V 4.7U	1
C2514	ECEA1CKA100	E. CAPACITOR	16V 10U	1
C2516	ECEA0JKA221	E. CAPACITOR	6.3V 220U	1
C2517	ECEA0JKA470	E. CAPACITOR	6.3V 47U	1
C2518	ECUM1H473ZFN	C. CAPACITOR CH 50V	0.047U	1
C2519	ECUM1H104ZFN	C. CAPACITOR CH 50V	0.1U	1
C2520	ECUM1H392KBN	C. CAPACITOR CH 50V	3900P	1
C2521	ECEA1EKA470	E. CAPACITOR	25V 47U	1
C2522	ECUM1E683KBN	C. CAPACITOR CH 25V	0.068U	1
C2523-25	ECUM1E104KBN	C. CAPACITOR CH 25V	0.1U	3
C2526	ECEA1YKN4R7	E. CAPACITOR	35V 4.7U	1
C2535, 36	ECUM1H104ZFN	C. CAPACITOR CH 50V	0.1U	2
C3002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V	1000P	2
C3004	ECEA1HKA010	E. CAPACITOR	50V 1U	1
C3005	ECUM1H680JCN	C. CAPACITOR CH 50V	68P	1
C3007	ECUM1E104KBN	C. CAPACITOR CH 25V	0.1U	1
C3008	ECUM1H103ZFN	C. CAPACITOR CH 50V	0.01U	1

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3011	ECEAOJKA221	E. CAPACITOR 8.3V 220U	1	
C3012, 13	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3018	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3017	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3018	ECEAOJKA101	E. CAPACITOR 8.3V 100U	1	
C3019	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3021	ERJ6GNZ0R00	M. RESISTOR CH 1/10W 0	1	
C3024	ECEAOJKA470	E. CAPACITOR 8.3V 47U	1	
C3025	ECEAOJKA101	E. CAPACITOR 8.3V 100U	1	
C3026	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3029	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3031	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	
C3032-34	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	3	
C3035	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3036	ECEAOJKA221	E. CAPACITOR 8.3V 220U	1	
C3037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3038	ECEAOJKA101	E. CAPACITOR 8.3V 100U	1	
C3039	ECEAOJKA220	E. CAPACITOR 8.3V 22U	1	
C3040	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C3042	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C3043	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3047	ECEAOJKA220	E. CAPACITOR 8.3V 22U	1	
C3048	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C3049	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3050	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3051	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3054, 55	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C3056	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3058	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3080	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4001	ECEA1HKN010	E. CAPACITOR 50V 1U	1	
C4002	ECQB1H22JF	P. CAPACITOR 50V 8200P	4	
C4003	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4006	ECEAOJKA220	E. CAPACITOR 8.3V 22U	1	
C4007	ECUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4008	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4010, 11	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
C4012	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4013	ECEAOJKA470	E. CAPACITOR 8.3V 47U	1	
C4014	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C4015	ECEAOJKA220	E. CAPACITOR 8.3V 22U	1	
C4016, 17	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	2	
C4018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4018	ECEAOJKA470	E. CAPACITOR 8.3V 47U	1	
C4022-25	ECA1HAKR22X	E. CAPACITOR 50V 0.22U	4	[SUPPLIED FROM MBV]
C4026, 27	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	2	
C4030	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4031	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4032	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4033	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4034	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4035	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4037	ECQB1H27JF	P. CAPACITOR 50V 2700P	1	
C4038	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4038	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4040	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	1	[SUPPLIED FROM MBV]
C4041	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4042	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4043	ECQB1H27JF	P. CAPACITOR 50V 2700P	1	
C4045	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4046-48	ECA1CAK100X	E. CAPACITOR 16V 10U	3	
C4049	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4050	ECEA1HKAR22	E. CAPACITOR 50V 0.22U	1	
C4051	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4052-55	ECA1CAK100X	E. CAPACITOR 16V 10U	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4060, 81	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C4082	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4088	ECQB1H23JF	P. CAPACITOR 50V 0.022U	1	
C4070	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4072	ECEAOJKA221	E. CAPACITOR 8.3V 220U	1	
C4073	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H152JCN	C. CAPACITOR CH 50V 1500P	1	
C4075	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C4908	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4907	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4908	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4909	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4912-15	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	4	
C4916	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4917	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4918	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4918	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4920	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4921	ECEAOJKA101	E. CAPACITOR 8.3V 100U	1	
C4922	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4923	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4925	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4928	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C4928, 30	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4931	ECEA1KA470	E. CAPACITOR 10V 47U	1	
C4933-36	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	4	
C4937, 38	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C8001	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C8002	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8003	ECUM1H200JCN	C. CAPACITOR CH 50V 20P	1	
C8004	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C8005	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8007	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C8008	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C8011	ECEAOJKA470	E. CAPACITOR 8.3V 47U	1	
C8012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8013	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C8018	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8018	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C8020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C8022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C7302	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1	
C7304	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1	
C7308	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C7309	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	1	
C7310	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7311	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7312	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C7313	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C7314, 15	ECQB1H103JF	P. CAPACITOR 50V 0.01U	2	
C7320, 21	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C7323-25	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	3	
C7326	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7333	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7337	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7349	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7353	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C7355, 56	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
C7357	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7358	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7359	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7514	VCE0073	SUPER CAPACITOR	1	
C7515	ECEAOJKA221	E. CAPACITOR 8.3V 220U	1	
C7519	ECUM1E683KBN	C. CAPACITOR CH 25V 0.068U	1	
C7601	ECEAOJKA101	E. CAPACITOR 8.3V 100U	1	
C7602	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7603	ECEAOJKA101	E. CAPACITOR 8.3V 100U	1	
C7605, 06	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7607	ECEAOJKA101	E. CAPACITOR 8.3V 100U	1	
C7609	ECUM1H04ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7610	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7616	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7617	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7618, 19	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C7620, 21	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	2	[SUPPLIED FROM MBV]
C7701, 02	ECUX1C104ZVF	C. CAPACITOR CH 18V 0.1U	2	
C7705	ECUX1C104ZVF	C. CAPACITOR CH 18V 0.1U	1	
C7708	ECUX1C104ZVF	C. CAPACITOR CH 18V 0.1U	1	
C7709	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7711	ECUX1A105ZVF	C. CAPACITOR CH 10V 1U	1	
C7712, 13	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	2	
C7714	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7715	ECUX1A105ZVF	C. CAPACITOR CH 10V 1U	1	
C7716	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7717	ECUX1A105ZVF	C. CAPACITOR CH 10V 1U	1	
C7718	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7720	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7721	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7722, 23	ECUX1C104ZVF	C. CAPACITOR CH 18V 0.1U	2	
C7724	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C7726	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C7728	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7729	ECUX1C104ZVF	C. CAPACITOR CH 18V 0.1U	1	
C7730	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C7732, 33	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C7735, 36	ECUX1C104ZVF	C. CAPACITOR CH 18V 0.1U	2	
C7739	ECUX1C104ZVF	C. CAPACITOR CH 18V 0.1U	1	
C7740	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7743	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
C7745	ECUX1C104ZVF	C. CAPACITOR CH 18V 0.1U	1	
C7746	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7749, 50	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	2	
C7752	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7753-55	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	3	
C7801	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7802	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C7803	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
D1003	1SS254	DIODE	1	
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	MA723VT	DIODE	1	
D1015, 16	1SS254	DIODE	2	
D1017	MA4120N-M	DIODE	1	[SUPPLIED FROM MBV]
D1018	1SS254	DIODE	1	
D1501	S1R505STA47	DIODE	1	
D2502	1SS254	DIODE	1	
D2504, 05	1SS254	DIODE	2	
D3001	1SS254	DIODE	1	
D4903	1SS254	DIODE	1	
D4905, 06	MA4075-M	DIODE	2	
D4907	MA4056N-M	DIODE	1	[SUPPLIED FROM MBV]
D4908	MA700	DIODE	1	
D6002	MA700	DIODE	1	
D7521	MA4220	DIODE	1	
D7523	MA723VT	DIODE	1	
D7601	MA4300M	DIODE	1	
D7603, 04	1SS254	DIODE	2	
D7701	1SS355	DIODE	1	
D7702	ERJ8GEYOR00	M. RESISTOR CH 1/10W 0	1	
D7801	MA4051-M	DIODE	1	
D7802	1SS254	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC0701	LA7576	IC	1	[SUPPLIED FROM MBV]
IC1001	PQ20V82E	IC	1	[SUPPLIED FROM MBV]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC1201	UPCI083J	IC	1	[SUPPLIED FROM MBV]
IC1501, 02	RP1354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3811NK	IC	1	
IC3001	TDA9735HV2	IC	1	[SUPPLIED FROM MBV]
IC4001	TDA9615H	IC	1	[SUPPLIED FROM MBV]
IC4002	NJM4558M	IC	1	
IC4902	MC14053BF	IC	1	[SUPPLIED FROM MBV]
IC4904	MC14052BF	IC	1	[SUPPLIED FROM MBV]
IC8001	M3777VFDU	IC	1	[SUPPLIED FROM MBV]
IC7301	TDA9840T	IC	1	[SUPPLIED FROM MBV]
IC7302	TDA9821	IC	1	[SUPPLIED FROM MBV]
IC7501	M35600AFP	IC	1	[SUPPLIED FROM MBV]
IC7502	S80743AL	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	[SUPPLIED FROM MBV]
IC7505	RN5V028AA	IC	1	[SUPPLIED FROM MBV]
IC7701	M35083WVAW	IC	1	[SUPPLIED FROM MBV]
IC7703	M30822VGDY	IC	1	[SUPPLIED FROM MBV]
IC7801	M24C16-WBNG	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201, 02	UNH000300A	IC PROTECTOR	2	
△ IP7601	VSF0015A025	IC PROTECTOR	1	[SUPPLIED FROM MBV]
△ IP7801	UNH000300A	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4903	VJS3634	21-PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
K0704, 05	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
K4001	ERJ8GEYOR00	M. RESISTOR CH 1/10W 0	1	
K4004	ERJ8GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4009	ERJ8GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4012	ERJ8GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4907	ERJ8GMZOR00	M. RESISTOR CH 1/10W 0	1	
K8002	ERJ8GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7709	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
L0701	ELJFAR12JB	COIL 0.12UH	1	[SUPPLIED FROM MBV]
L0705	ELJFA5R6JB	COIL 5.8UH	1	[SUPPLIED FROM MBV]
L0706	VLQEL05S150K	COIL 15UH	1	
L2502	VLQ0599J101	COIL 100UH	1	
L2503	VLQ0599J680	COIL 68UH	1	
L3001	VLQ0599J220	COIL 22UH	1	
L3003-08	VLQ0599J100	COIL 10UH	8	
L3009	VLQ0599J390	COIL 39UH	1	
L3010	VLQ0599J560	COIL 56UH	1	
L4001	ELELN153JA	INDUCTOR	1	[SUPPLIED FROM MBV]
L4007	VLQ0599J680	COIL 68UH	1	
L4904	VLQ0599J330	COIL 33UH	1	
L7601	VLQ0599J330	COIL 33UH	1	
L7602	VLQ0599J2R7	COIL 2.7UH	1	
L7603	VLQ0599J330	COIL 33UH	1	
L7604	ELESE330KA	COIL 33UH	1	
L7605	ELESE680KA	INDUCTOR 68UH	1	
L7609	VLQ0599J100	COIL 10UH	1	
L7701, 02	ELESE390KA	INDUCTOR 39UH	2	
L7703	ELESE270KA	INDUCTOR 27UH	1	
L7704	ELESE390KA	INDUCTOR 39UH	1	
L7706, 07	ELESE100KA	INDUCTOR 10UH	2	
L7708	ELESE390KA	INDUCTOR 39UH	1	
LB3001, 02	ERJ8GMZOR00	M. RESISTOR CH 1/10W 0	2	
LB4901-08	VLP0147	COIL 8	8	
LB4909	ERJ8GMZOR00	M. RESISTOR CH 1/10W 0	1	
LB4910	VLP0125	COIL	1	
LB4915	VLP0125	COIL	1	
LB7601	VLP0125	COIL	1	
LB7701	ERJ8GEYOR00	M. RESISTOR CH 1/10W 0	1	
P1001	VJS3917A018W	CONNECTOR (FEMALE) 18P	1	
P1501	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P2501	VJP3835A012	CONNECTOR (MALE) 12P	1	
P2502	VJS3537A009G	CONNECTOR (FEMALE) 9P	1	
P3001	VJS3537A018G	CONNECTOR (FEMALE) 18P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P4002	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4003	VJS3537A006G	CONNECTOR (FEMALE) 6P	1	
PK0701	VJRO818E010W	CONNECTOR (MALE) 10P	1	
PK7301	VJRO777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJRO777B008W	CONNECTOR (MALE) 6P	1	
PK7701.02	VJRO777B015W	CONNECTOR (MALE) 15P	2	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR-RESISTOR	1	
Q1001	2SD601A	TRANSISTOR	1	
Q1002	2SD602A	TRANSISTOR	1	
Q1003	2SD1998-S	TRANSISTOR	1	
Q1004	2SB710A	TRANSISTOR	1	
Q1005	2SD2544OPA	TRANSISTOR	1	
Q1006	2SD1998-S	TRANSISTOR	1	
Q1007	2SD602A-R	TRANSISTOR	1	
Q1008	2SD601A	TRANSISTOR	1	
Q1009	2SD1998-S	TRANSISTOR	1	
Q1201	2SD2259	TRANSISTOR	1	
Q1202	2SD1998-S	TRANSISTOR	1	
Q1501	PNB2301MBV	TRANSISTOR	1	
Q1502	PNB2301MAV	TRANSISTOR	1	
Q3003	2SB709A	TRANSISTOR	1	
Q4001	2SD1149	TRANSISTOR	1	
Q4002	2SD601A	TRANSISTOR	1	
Q4008	2SB710-R	TRANSISTOR	1	
Q4007	2SD602A-R	TRANSISTOR	1	
Q4903.04	2SD601A	TRANSISTOR	2	
Q4905	2SD1328-S	TRANSISTOR	1	
Q4906	2SB709A	TRANSISTOR	1	
Q4907	2SD601A	TRANSISTOR	1	
Q4908	2SB709A	TRANSISTOR	1	
Q4909	2SD601A	TRANSISTOR	1	
Q4911	2SB709A	TRANSISTOR	1	
Q7301	MSD601-S	TRANSISTOR	1	
Q7801	2SD601A	TRANSISTOR	1	
Q7802-04	2SD1328-S	TRANSISTOR	3	
Q7805	2SB709A	TRANSISTOR	1	
Q7806	2SD1328-S	TRANSISTOR	1	
Q7701	2SD1819A	TRANSISTOR	1	
Q7702	2SB1218A	TRANSISTOR	1	
Q7703.04	2SD1819A	TRANSISTOR	2	
Q7706.07	2SB1218A	TRANSISTOR	2	
Q7708	2SD1819A	TRANSISTOR	1	
Q7709	2SB1218A	TRANSISTOR	1	
Q7710-12	2SD1819A	TRANSISTOR	3	
Q7801	2SD1998-S	TRANSISTOR	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
QR1002	MUN2213	TRANSISTOR-RESISTOR	1	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR1005	MUN2213	TRANSISTOR-RESISTOR	1	
QR1006	MUN2112	TRANSISTOR-RESISTOR	1	
QR2504	MUN2213	TRANSISTOR-RESISTOR	1	
QR3001-03	MUN2213	TRANSISTOR-RESISTOR	3	
QR3006.07	MUN2212	TRANSISTOR-RESISTOR	2	
QR4001	UN2217	TRANSISTOR-RESISTOR	1	
QR4002	MUN2113	TRANSISTOR-RESISTOR	1	
QR4004	MUN2212	TRANSISTOR-RESISTOR	1	
QR4006	MUN2111	TRANSISTOR-RESISTOR	1	
QR4007.08	UN2215	TRANSISTOR	2	
QR4901	MUN2212	TRANSISTOR-RESISTOR	1	
QR4902	MUN2111	TRANSISTOR-RESISTOR	1	
QR4903	MUN2212	TRANSISTOR-RESISTOR	1	
QR4904	MUN2211	TRANSISTOR-RESISTOR	1	
QR4905	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1	
QR6003	MUN2212	TRANSISTOR-RESISTOR	1	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1	
QR7703	UN5213	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	CHIP RESISTOR	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 1/10W 39K	1	
R1001.02	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R1003.04	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R1005	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R1006	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1007.08	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	2	
R1009.10	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R1011	ERJ6GMYG823	M.RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ272	C.RESISTOR 1/4W 2.7K	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	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	2	
R1018.19	ERJ6GMYJ883	M.RESISTOR CH 1/10W 88K	2	
R1022	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1025.26	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R1027	ERDS2TJ123	C.RESISTOR 1/4W 12K	1	
R1201.02	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	2	
R1203	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R1204	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R2501	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R2502	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R2503	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2504	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2505	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2506.07	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2508	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2509.10	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R2511	ERJ6GMYG433	M.RESISTOR CH 1/10W 43K	1	
R2513	ERJ6GMYJ274	M.RESISTOR CH 1/10W 270	1	
R2514	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2515.16	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R2517	ERDS1TJ1R2	C.RESISTOR 1/2W 1.2	1	
R2518	ERDS1TJ1R5	C.RESISTOR 1/2W 1.5	1	
R2519	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2532	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3001	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3002	ERJ6GMYG301	M.RESISTOR CH 1/10W 300	1	
R3003	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3004.05	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R3006	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3008	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3009	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R3010	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3011.12	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R3020	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3021	ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R3022	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R3023	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3024	ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R3025	ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3027	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3028	ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3029	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R3031	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R3032	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R3033	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3034	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3035	ERJ6GMYJ271	M. RESISTOR CH 1/10W 270	1	
R3036	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3040	ERJ6GZOR00	M. RESISTOR CH 1/10W 0	1	
R3041	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3042	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4001	ERJ6GMYG334	M. RESISTOR CH 1/10W 330K	1	
R4002	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4004	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4005	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4006	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4007	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4008	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4009	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1	
R4010	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R4011	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R4012	ERJ6GZOR00	M. RESISTOR CH 1/10W 0	1	
R4014	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R4015	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1	
R4016	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R4024	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4025	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4026	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4027	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4028	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4029	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4030	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4031	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4036	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4037	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4038, 39	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R4040, 41	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R4042	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4043	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4044	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R4045	ERJ6GMYJ882	M. RESISTOR CH 1/10W 6.8K	1	
R4046	ERJ6RBD393	M. RESISTOR CH 1/10W 39K	1	[SUPPLIED FROM MBV]
R4047	ERJ6GMYJ882	M. RESISTOR CH 1/10W 6.8K	1	
R4048	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R4048	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4050	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4051-54	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	4	
R4055	ERJ6GEYJ335	M. RESISTOR CH 1/10W 3.3M	1	
R4056	ERJ6GMYJ122	M. RESISTOR CH 1/10W 1.2K	1	
R4057	ERJ6GZOR00	M. RESISTOR CH 1/10W 0	1	
R4058	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R4080	ERJ6GMYJ822	M. RESISTOR CH 1/10W 8.2K	1	
R4081	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4082	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4083	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4087	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4088	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4069, 70	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R4071	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4072	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R4909	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R4910	ERJ6GMYJ811	M. RESISTOR CH 1/10W 910	1	
R4911	ERJ6GZOR00	M. RESISTOR CH 1/10W 0	1	
R4912	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4913	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4915	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4921	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4923	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4924, 25	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R4926, 27	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	2	
R4928, 29	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R4930	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4933	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4937	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4938	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4939	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4940	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R4941	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4943	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4944	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4945	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4946	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R4947	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4949	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4950	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4955	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R4956, 57	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R4961	ERDS2TJ392	C. RESISTOR 1/4W 3.9K	1	
R4982	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R6001	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R6003	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6008, 09	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	2	
R6010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6012, 13	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R6015, 16	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	2	
R6017	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R6018	ERJ6GMYJ254	M. RESISTOR CH 1/10W 250K	1	
R6019	ERJ6GMYK106	M. RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R6027	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6031	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6032	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R6033	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6034	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6036-38	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	3	
R6040	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6063	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R7302	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
R7303	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R7304	ERJ6GEYJ122	M. RESISTOR CH 1/10W 1.2K	1	[SUPPLIED FROM MBV]
R7305	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R7307	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7313	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7323	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R7324, 25	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	2	
R7328	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
R7327	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R7329	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R7330	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7331	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7337, 38	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	2	
R7345	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R7353, 54	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	2	
R7364	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7365	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7367	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R7368	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R7369	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R7370, 71	ERJ6GEYJ101	M. RESISTOR CH 1/10W 100	2	
R7501	ERDS2TJ566	C. RESISTOR 1/4W 5.6	1	
R7502, 03	ERJ6GMYJ202	M. RESISTOR CH 1/10W 2K	2	
R7505	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7506-08	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	3	
R7509	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7510	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7511	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7512	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7514	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7515	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7516	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7517	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7520, 21	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R7523-25	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	3	
R7527	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1	
R7528	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7533	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	1	
R7534	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R7535	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7601, 02	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R7603	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7606, 07	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R7608, 09	ERQ2SJ331	M. RESISTOR 2W 330	2	
R7610	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7611, 12	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R7613	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7614	ERJ6GMYJ581	M. RESISTOR CH 1/10W 580	1	
R7615	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7616	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7617	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R7620	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R7621	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R7622, 23	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R7705	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7707	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R7708-10	ERJ3GEYJ511	M. RESISTOR CH 1/16W 510	3	
R7711	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7712	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7713	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7714	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
R7715	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R7716	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R7717	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7719	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7720	EQUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
R7721	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R7722	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R7723	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7724	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R7725	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7727	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7728	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7730	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R7731	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7732	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7733	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7734	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7735	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7736	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7737	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R7738	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R7739	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7740	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7741-44	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7746-48	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3	
R7750-52	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3	
R7753	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R7754-57	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7759	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R7760	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7761	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7763-67	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	5	
R7770	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7771-78	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7784, 85	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	2	
R7782-89	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7801	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R7802	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R7803	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
S1501	VSS0520-3	MODE SELECT SWITCH	1	[SUPPLIED FROM MBV]
S7503, 04	EVQ11L07B	SWITCH	2	
S7505	VES0834	S-TAB SWITCH	1	
S7506, 07	EVQ11L07B	SWITCH	2	
S7509, 10	EVQ11L07B	SWITCH	2	
S7516	EVQ11L07B	SWITCH	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
T0703	EQV5ECO71A	TRANSFORMER	1	
T0704	EQV5ECO72A	TRANSFORMER	1	
T4002	EQQ7OF024P	TRANSFORMER	1	
T7301	EQR7QG028P	TRANSFORMER	1	
▲ TU7601	ENG47295G1	TUNER	1	[SUPPLIED FROM MBV]
▲ TU7601	ENG47294G1	TUNER	1	[SUPPLIED FROM MBV] (For EURO-1 Version)
VR0701	EVNCBAA00824	V. RESISTOR 20K	1	
VR3012, 13	EVNCAAA03B53	V. RESISTOR 5K	2	
VR7303	EVNCBAA00823	V. RESISTOR	1	
X0701	VLF1416	FILTER	1	[SUPPLIED FROM MBV]
X0703	EFCT5R5MM5	FILTER	1	
X0704	VLF1368	FILTER	1	[SUPPLIED FROM MBV]
X3001	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0830	CRYSTAL OSCILLATOR	1	
X8002	VSX0860	CRYSTAL OSCILLATOR	1	
X7301	EFCS5R5MS5	FILTER	1	
X7302	EFCS5R74MS5B	CRYSTAL OSCILLATOR	1	
X7305	VSX0648	CRYSTAL OSCILLATOR	1	
X7701	VSX1043	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VXQ0648	FIP HOLDER	1	
	VMP5897	CONNECTING ANGLE	1	FOR TV DEMODULATOR C. B. A.
	VMP4894	SUPPORT ANGLE	1	FOR DECODER PACK C. B. A.
	VMP4894	SUPPORT ANGLE	1	FOR OSD C. B. A.
■ VEP08C80B		MAIN C. B. A.		[SUPPLIED FROM MBV] (RTL) NV-HD636B NV-HD640B/B-K
C0701-03	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	3	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0705	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0708	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JPV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C0712	ECUX1H103ZFV	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	ECUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H430JCV	C. CAPACITOR CH 50V 43P	1	[SUPPLIED FROM MBV]
C0720	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0722	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0724	EQQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0726	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0729	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0730	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZFV	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	ECEA1CGE470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1006, 07	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C1008	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C1010	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C1011	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C1201	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1204	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1205-07	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C1208	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2502	ECEA1VKNR7	E. CAPACITOR 35V 4.7U	1	
C2504	ECEA1E6E470	E. CAPACITOR 25V 47U	1	
C2505	ECEAOJKA470	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	ECEA1VKNR47	E. CAPACITOR 35V 4.7U	1	
C2512	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2516	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2517	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2518	ECUM1H473ZFN	G. CAPACITOR CH 50V 0.47U	1	
C2519	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C2520	ECUM1H392KBN	G. CAPACITOR CH 50V 3900P	1	
C2521	ECEA1EKA470	E. CAPACITOR 25V 47U	1	
C2522	ECUM1E6B3KBN	G. CAPACITOR CH 25V 0.068U	1	
C2523-25	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	3	
C2526	ECEA1VKNR47	E. CAPACITOR 35V 4.7U	1	
C2535, 36	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
C3002, 03	ECUM1H102KBN	G. CAPACITOR CH 50V 1000P	2	
C3004	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3005	ECUM1H860JCN	G. CAPACITOR CH 50V 68P	1	
C3007	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
C3008	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3011	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3012, 13	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
C3014	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3016	ECUM1H103KBN	G. CAPACITOR CH 50V 0.01U	1	
C3017	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3018	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3019	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	G. CAPACITOR CH 50V 2200P	1	
C3021	ERJ6QMZOR00	M. RESISTOR CH 1/10W 0	1	
C3024	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3025	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3026	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3028	ECUM1H103ZFN	G. CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	G. CAPACITOR CH 50V 2200P	1	
C3031	ECEA1HKA47	E. CAPACITOR 50V 0.47U	1	
C3032-34	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	3	
C3035	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3036	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3037	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3038	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3039	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C3040	ECUM1H223KBN	G. CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C3042	ECUM1H560JCN	G. CAPACITOR CH 50V 56P	1	
C3043	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	G. CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	G. CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	G. CAPACITOR CH 50V 22P	1	
C3047	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C3048	ECUM1H560JCN	G. CAPACITOR CH 50V 56P	1	
C3049	ECUM1H881JCN	G. CAPACITOR CH 50V 880P	1	
C3050	ECUM1H880JCN	G. CAPACITOR CH 50V 88P	1	
C3051	ECUM1H220JCN	G. CAPACITOR CH 50V 22P	1	
C3054, 55	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	2	
C3056	ECUM1H103KBN	G. CAPACITOR CH 50V 0.01U	1	
C3059	ECUM1H221JCN	G. CAPACITOR CH 50V 220P	1	
C3060	ECUM1H102KBN	G. CAPACITOR CH 50V 1000P	1	
C4001	ECEA1HKN010	E. CAPACITOR 50V 1U	1	
C4002	ECQB1H822JF	P. CAPACITOR 50V 8200P	1	
C4003	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	G. CAPACITOR CH 50V 2700P	1	
C4006	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C4007	ECUM1H122JCN	G. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4008	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4010, 11	ECUM1H153KBN	G. CAPACITOR CH 50V 0.015U	2	
C4012	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4013	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4014	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C4015	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4016, 17	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	2	
C4018	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C4019	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4022-25	ECA1HAKR22X	E. CAPACITOR 50V 0.22U	4	[SUPPLIED FROM MBV]
C4026, 27	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	2	
C4030	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
C4031	ECUM1H103KBN	G. CAPACITOR CH 50V 0.01U	1	
C4032	ECUM1H101JCN	G. CAPACITOR CH 50V 100P	1	
C4033	ECUM1H103KBN	G. CAPACITOR CH 50V 0.01U	1	
C4034	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4035	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
C4037	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4038	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4039	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4040	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	1	[SUPPLIED FROM MBV]
C4041	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4042	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4043	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4045	ECUM1H103KBN	G. CAPACITOR CH 50V 0.01U	1	
C4046-48	ECA1CAK100X	E. CAPACITOR 16V 10U	3	
C4049	ECUM1H221JCN	G. CAPACITOR CH 50V 220P	1	
C4050	ECEA1HKA22	E. CAPACITOR 50V 0.22U	1	
C4051	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4052-55	ECA1CAK100X	E. CAPACITOR 16V 10U	4	
C4060, 61	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C4062	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4068	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4070	ECUM1H221JCN	G. CAPACITOR CH 50V 220P	1	
C4072	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4073	ECUM1H223KBN	G. CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H152JCN	G. CAPACITOR CH 50V 1500P	1	
C4075	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C4086	ECUM1H101JCN	G. CAPACITOR CH 50V 100P	1	
C4090	ECUM1H471KBN	G. CAPACITOR CH 50V 470P	1	
C4098	ECUM1H01JCN	G. CAPACITOR CH 50V 100P	1	
C4099	ECUM1H471KBN	G. CAPACITOR CH 50V 470P	1	
C4912-15	ECUM1H470JCN	G. CAPACITOR CH 50V 47P	4	
C4916	ECUM1H471KBN	G. CAPACITOR CH 50V 470P	1	
C4917	ECUM1H01JCN	G. CAPACITOR CH 50V 100P	1	
C4918	ECUM1H471KBN	G. CAPACITOR CH 50V 470P	1	
C4919	ECUM1H01JCN	G. CAPACITOR CH 50V 100P	1	
C4920	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4921	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4922	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
C4923	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4925	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4928	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C4929, 30	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	2	
C4931	ECEA1AKA470	E. CAPACITOR 10V 47U	1	
C4933-36	ECUM1H222KBN	G. CAPACITOR CH 50V 2200P	4	
C4937, 38	ECUM1H102KBN	G. CAPACITOR CH 50V 1000P	2	
C6001	ECUM1C105ZFN	G. CAPACITOR CH 16V 1U	1	
C6002	ECUM1H180JCN	G. CAPACITOR CH 50V 18P	1	
C6003	ECUM1H200JCN	G. CAPACITOR CH 50V 20P	1	
C6004	ECUM1H120JCN	G. CAPACITOR CH 50V 12P	1	
C6005	ECUM1H180JCN	G. CAPACITOR CH 50V 18P	1	
C6007	ECUM1H151JCN	G. CAPACITOR CH 50V 150P	1	
C6009	ECUM1H222KBN	G. CAPACITOR CH 50V 2200P	1	
C6011	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6012	ECUM1H102KBN	G. CAPACITOR CH 50V 1000P	1	
C6013	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C6018	ECUM1H102KBN	G. CAPACITOR CH 50V 1000P	1	
C6019	ECUM1H103KBN	G. CAPACITOR CH 50V 0.01U	1	
C6020	ECUM1H104ZFN	G. CAPACITOR CH 50V 0.1U	1	
C6022, 23	ECUM1H101JCN	G. CAPACITOR CH 50V 100P	2	
C7301	ECUX1H103ZV	G. CAPACITOR CH 50V 0.01U	1	
C7302	VCEAOJAW101	E. CAPACITOR 6.3V 100U	1	
C7303	ECUX1H103ZV	G. CAPACITOR CH 50V 0.01U	1	
C7304	VCEAOJAW101	E. CAPACITOR 6.3V 100U	1	
C7307	ECUX1H470JCV	G. CAPACITOR CH 50V 47P	1	
C7308	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
C7312, 13	ECUX1C104ZV	G. CAPACITOR CH 16V 0.1U	2	
C7315	ECUM1E104KBN	G. CAPACITOR CH 25V 0.1U	1	
C7316	ECUX1C104ZV	G. CAPACITOR CH 16V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7317	VCEA1CAW100	E. CAPACITOR 16V 10U	1	
C7318	VCEAOJAW470	E. CAPACITOR 6.3V 47U	1	
C7319, 20	VCEA1CAW100	E. CAPACITOR 16V 10U	2	
C7321	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7322, 23	ECUX1H103KVB	C. CAPACITOR CH 50V 0.01U	2	
C7324-26	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	3	
C7327	ECUM1C334KBN	C. CAPACITOR CH 16V 0.33U	1	
C7328	ECUM1E333KBN	C. CAPACITOR CH 50V 0.033U	1	
C7329	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1	
C7330	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7508	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7514	VCE0073	SUPER CAPACITOR	1	
C7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7519	ECUM1E883KBN	C. CAPACITOR CH 25V 0.088U	1	
C7801	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7802	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7803	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7805, 06	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C7807	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7809	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7810	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7817	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7818, 19	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C7820, 21	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	2	[SUPPLIED FROM MBV]
C7701, 02	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2	
C7705	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7708	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7709	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7711	ECUX1A105ZFY	C. CAPACITOR CH 10V 1U	1	
C7712, 13	ECUX1H103ZFY	C. CAPACITOR CH 50V 0.01U	2	
C7714	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7715	ECUX1A105ZFY	C. CAPACITOR CH 10V 1U	1	
C7716	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7717	ECUX1A105ZFY	C. CAPACITOR CH 10V 1U	1	
C7718	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7720	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7721	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7722, 23	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2	
C7724	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C7728	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7729	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7730	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C7732, 33	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C7735, 36	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2	
C7739	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7740	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7743	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
C7745	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7746	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7749, 50	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	2	
C7752	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7753-55	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	3	
C7801	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7802	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C7803	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
D1003	1SS254	DIODE	1	
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	MA723VT	DIODE	1	
D1015, 16	1SS254	DIODE	2	
D1017	MA4120N-M	DIODE	1	[SUPPLIED FROM MBV]
D1018	1SS254	DIODE	1	
D1501	SI1R505STA47	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D2502	1SS254	DIODE	1	
D2504, 05	1SS254	DIODE	2	
D3001	1SS254	DIODE	1	
D4903	1SS254	DIODE	1	
D4905, 06	MA4075-M	DIODE	2	
D4907	MA4056N-M	DIODE	1	[SUPPLIED FROM MBV]
D4908	MA700	DIODE	1	
D6002	MA700	DIODE	1	
D7302	8B135	DIODE	1	[SUPPLIED FROM MBV]
D7521	MA4220	DIODE	1	
D7523	MA723VT	DIODE	1	
D7801	MA4300M	DIODE	1	
D7803, 04	1SS254	DIODE	2	
D7701	1SS355	DIODE	1	
D7702	ERJ8GEY0R00	M. RESISTOR CH 1/10W 0	1	
D7801	MA4051-M	DIODE	1	
D7802	1SS254	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
FL7301	VLF0833	FILTER	1	
IC0701	LA7576	IC	1	[SUPPLIED FROM MBV]
IC1001	PQ20VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPC1093J	IC	1	[SUPPLIED FROM MBV]
IC1501, 02	RP1354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3811NK	IC	1	
IC3001	TDA9735HV2	IC	1	[SUPPLIED FROM MBV]
IC4001	TDA9615H	IC	1	[SUPPLIED FROM MBV]
IC4002	NUM4558M	IC	1	
IC4902	MC14053BF	IC	1	[SUPPLIED FROM MBV]
IC4904	MC14052BF	IC	1	[SUPPLIED FROM MBV]
IC6001	M3777VFDU	IC	1	[SUPPLIED FROM MBV]
IC7301	TDA8874H	IC	1	[SUPPLIED FROM MBV]
IC7302	PST7043	IC	1	
IC7501	M35500AFP	IC	1	[SUPPLIED FROM MBV]
IC7502	S80743AL	IC	1	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	[SUPPLIED FROM MBV]
IC7505	RN5VD28AA	IC	1	[SUPPLIED FROM MBV]
IC7701	M35063WAW	IC	1	[SUPPLIED FROM MBV]
IC7703	M30822V6DX	IC	1	[SUPPLIED FROM MBV]
IC7801	M24C16-W6N6	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201, 02	UNH000300A	IC PROTECTOR	2	
△ IP7801	VSF0015A025	IC PROTECTOR	1	[SUPPLIED FROM MBV]
△ IP7801	UNH000300A	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4903	VJS3634	21-PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0704-06	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3	
K4001	ERJ8GEY0R00	M. RESISTOR CH 1/10W 0	1	
K4004	ERJ8GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4009	ERJ8GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4012	ERJ8GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4907	ERJ8GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K6002	ERJ8GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7301, 02	ERJ8GEY0R00	M. RESISTOR CH 1/10W 0	2	
K7304	ERJ8GEY0R00	M. RESISTOR CH 1/10W 0	1	
K7709	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
L0701	ELJFAR15JB	COIL 0.15UH	1	[SUPPLIED FROM MBV]
L0705	ELJFA4R7JB	COIL 4.7UH	1	[SUPPLIED FROM MBV]
L0706	VL0EL05S8R2K	COIL 8.2UH	1	
L2502	VLQ0599J101	COIL 100UH	1	
L2503	VLQ0599J880	COIL 68UH	1	
L3001	VLQ0599J220	COIL 22UH	1	
L3003-08	VLQ0599J100	COIL 10UH	6	
L3009	VLQ0599J390	COIL 39UH	1	
L3010	VLQ0599J580	COIL 56UH	1	
L4001	ELELN153JA	INDUCTOR	1	[SUPPLIED FROM MBV]
L4007	VLQ0599J680	COIL 68UH	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L4904	VLQ0599J330	COIL 33UH	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	
L7604	ELESE330KA	COIL 33UH	1	
L7605	ELESE680KA	INDUCTOR 68UH	1	
L7609	VLQ0599J100	COIL 10UH	1	
L7701.02	ELESE390KA	INDUCTOR 39UH	2	
L7704	ELESE390KA	INDUCTOR 39UH	1	
L7706.07	ELESE100KA	INDUCTOR 10UH	2	
L770B	ELESE390KA	INDUCTOR 39UH	1	
LB3001.02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	2
LB4901-0B	VLP0147	COIL	8	
LB4909	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	1
LB4910	VLP0125	COIL	1	
LB4915	VLP0125	COIL	1	
LB7301-04	VLP0150	COIL	4	
LB7601	VLP0125	COIL	1	
LB7701	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0	1
P1001	VJS3917A018W	CONNECTOR (FEMALE) 18P	1	
P1501	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P2501	VJP3835A012	CONNECTOR (MALE) 12P	1	
P2502	VJS3537A008B	CONNECTOR (FEMALE) 8P	1	
P3001	VJS3537A018G	CONNECTOR (FEMALE) 18P	1	
P4002	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4003	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
PK0701	VJR0818E010W	CONNECTOR (MALE) 10P	1	
PK7301	VJR0777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK7701.02	VJR0777B015W	CONNECTOR (MALE) 15P	2	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR-RESISTOR	1	
Q1001	2SD601A	TRANSISTOR	1	
Q1002	2SD602A	TRANSISTOR	1	
Q1003	2SD1996-S	TRANSISTOR	1	
Q1004	2SB710A	TRANSISTOR	1	
Q1005	2SD2544OPGA	TRANSISTOR	1	
Q1006	2SD1996-S	TRANSISTOR	1	
Q1007	2SD602A-R	TRANSISTOR	1	
Q1008	2SD601A	TRANSISTOR	1	
Q1009	2SD1996-S	TRANSISTOR	1	
Q1201	2SD2259	TRANSISTOR	1	
Q1202	2SD1996-S	TRANSISTOR	1	
Q1501	PNB2301MBV	TRANSISTOR	1	
Q1502	PNB2301MAV	TRANSISTOR	1	
Q3003	2SB709A	TRANSISTOR	1	
Q4001	2SD1149	TRANSISTOR	1	
Q4002	2SD601A	TRANSISTOR	1	
Q4006	2SB710-R	TRANSISTOR	1	
Q4007	2SD602A-R	TRANSISTOR	1	
Q4903.04	2SD601A	TRANSISTOR	2	
Q4905	2SD1328-S	TRANSISTOR	1	
Q4906	2SB709A	TRANSISTOR	1	
Q4907	2SD601A	TRANSISTOR	1	
Q4908	2SB709A	TRANSISTOR	1	
Q4909	2SD601A	TRANSISTOR	1	
Q4911	2SB709A	TRANSISTOR	1	
Q7601	2SD601A	TRANSISTOR	1	
Q7602-04	2SD1328-S	TRANSISTOR	3	
Q7605	2SB709A	TRANSISTOR	1	
Q7606	2SD1328-S	TRANSISTOR	1	
Q7701	2SD1819A	TRANSISTOR	1	
Q7702	2SB1218A	TRANSISTOR	1	
Q7703.04	2SD1819A	TRANSISTOR	2	
Q7706.07	2SB1218A	TRANSISTOR	2	
Q7708	2SD1819A	TRANSISTOR	1	
Q7709	2SB1218A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q7710-12	2SD1819A	TRANSISTOR	3	
Q7801	2SD1966-S	TRANSISTOR	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
QR1002	MUN2213	TRANSISTOR-RESISTOR	1	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR1005	MUN2213	TRANSISTOR-RESISTOR	1	
QR1006	MUN2112	TRANSISTOR-RESISTOR	1	
QR2504	MUN2213	TRANSISTOR-RESISTOR	1	
QR3001-03	MUN2213	TRANSISTOR-RESISTOR	3	
QR3006.07	MUN2212	TRANSISTOR-RESISTOR	2	
QR4001	UN2217	TRANSISTOR-RESISTOR	1	
QR4002	MUN2113	TRANSISTOR-RESISTOR	1	
QR4004	MUN2212	TRANSISTOR-RESISTOR	1	
QR4006	MUN2111	TRANSISTOR-RESISTOR	1	
QR4007.08	UN2215	TRANSISTOR	2	
QR4901	MUN2212	TRANSISTOR-RESISTOR	1	
QR4902	MUN2111	TRANSISTOR-RESISTOR	1	
QR4903	MUN2212	TRANSISTOR-RESISTOR	1	
QR4904	MUN2211	TRANSISTOR-RESISTOR	1	
QR4905	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1	
QR6003	MUN2212	TRANSISTOR-RESISTOR	1	
QR7703	UN5213	TRANSISTOR-RESISTOR	1	
R0702	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R0703	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
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	ERJ3GEYJ301	M. RESISTOR CH 1/16W 300	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	1	
R0716	VRE0040E151	CHIP RESISTOR	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	
R0723	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R0724	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0725	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R0726	ERJ3GEY6561	M. RESISTOR CH 1/16W 560	1	
R0727	ERJ3GEY6162	M. RESISTOR CH 1/16W 1.6K	1	[SUPPLIED FROM MBV]
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	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R1003.04	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	2	
R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R1006	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R1007.08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
R1009.10	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R1011	ERJ6GMYG823	M. RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	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	ERJ6GMYJ563	M. RESISTOR CH 1/10W 56K	2	
R1018.19	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R1022	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYJ123	M. RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1025.26	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R1027	ERDS2TJ123	C. RESISTOR 1/4W 12K	1	
R1201.02	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R1203	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R2501	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
R2502	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	1

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2503	ERDS2TJ330	C. RESISTOR 1/4W 33	1		R4047	ERJ6GMYJ882	M. RESISTOR CH 1/10W 8.9K	1	
R2504	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1		R4048	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R2505	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1		R4049	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R2506_07	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2		R4050	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R2508	ERDS2TJ330	C. RESISTOR 1/4W 33	1		R4051-54	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	4	
R2509_10	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2		R4055	ERJ6GMYJ335	M. RESISTOR CH 1/10W 3.3M	1	
R2511	ERJ6GMYG433	M. RESISTOR CH 1/10W 43K	1		R4056	ERJ6GMYJ122	M. RESISTOR CH 1/10W 1.2K	1	
R2513	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270	1		R4057	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R2514	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1		R4058	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R2515_16	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2		R4060	ERJ6GMYJ822	M. RESISTOR CH 1/10W 8.2K	1	
R2517	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1		R4061	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R2518	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1		R4062	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R2519	ERDS2TJ330	C. RESISTOR 1/4W 33	1		R4063	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R2532	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1		R4067	ERJ6GMYJ882	M. RESISTOR CH 1/10W 8.8K	1	
R3001	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1		R4068	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3002	ERJ6GMYG301	M. RESISTOR CH 1/10W 300	1		R4069_70	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R3003	ERJ6GMYJ882	M. RESISTOR CH 1/10W 8.8K	1		R4071	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3004_05	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2		R4072	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R3006	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1		R4909	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R3008	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1		R4910	ERJ6GMYJ011	M. RESISTOR CH 1/10W 910	1	
R3009	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R4911	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3010	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1		R4912	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3011_12	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2		R4913	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R3020	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		R4915	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3021	ERJ6GMYJ884	M. RESISTOR CH 1/10W 880K	1		R4921	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3022	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1		R4923	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3023	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1		R4924_25	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R3024	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1		R4926_27	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	2	
R3025	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		R4928_29	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R3026	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1		R4930	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3027	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1		R4933	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3028	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1		R4937	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3029	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1		R4938	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1		R4939	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3031	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1		R4940	ERJ6GMYJ883	M. RESISTOR CH 1/10W 88K	1	
R3032	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1		R4941	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R3033	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1		R4943	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R3034	ERJ6GMYG881	M. RESISTOR CH 1/10W 880	1		R4944	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R3035	ERJ6GMYJ271	M. RESISTOR CH 1/10W 270	1		R4945	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3036	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1		R4946	ERJ6GMYJ883	M. RESISTOR CH 1/10W 88K	1	
R3040	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		R4947	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R3041	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1		R4949	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R3042	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1		R4950	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4001	ERJ6GMYG334	M. RESISTOR CH 1/10W 330K	1		R4955	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R4002	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R4956_57	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R4003	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R4961	ERDS2TJ392	C. RESISTOR 1/4W 3.9K	1	
R4004	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1		R4962	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R4005	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1		R6001	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4006	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1		R6003	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4007	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1		R6005	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4008	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1		R6006	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4009	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1		R6007	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R4010	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1		R6008_09	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	2	
R4011	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1		R6010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4012	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		R6011	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4014	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1		R6012_13	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R4015	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1		R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R4016	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1		R6015_16	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	2	
R4024	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6017	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4025	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6018	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R4026	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6019	ERJ6GMYK106	M. RESISTOR CH 1/10W 10M	1	
R4027	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6020	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4028	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4029	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6022	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4030	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R4031	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6027	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4036	ERJ6GMYJ882	M. RESISTOR CH 1/10W 8.8K	1		R6031	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R4037	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1		R6032	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R4038_39	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2		R6033	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R4040_41	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2		R6034	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4042	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1		R6036-38	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	3	
R4043	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1		R6040	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4044	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1		R6063	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R4045	ERJ6GMYJ882	M. RESISTOR CH 1/10W 8.8K	1		R7302	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R4046	ERJ6RBD393	M. RESISTOR CH 1/10W 39K	1	[SUPPLIED FROM MBV]	R7305_06	ERJ6GEYJ101	M. RESISTOR CH 1/10W 100	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7318	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7324	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7325	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7326	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7327	ERJ3GEYJ822	M. RESISTOR CH 1/16W 8.2K	1	
R7328, 29	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R7501	ERDS2TJ5R6	G. RESISTOR 1/4W 5.8	1	
R7502, 03	ERJ6GMJ202	M. RESISTOR CH 1/10W 2K	2	
R7505	ERJ6GMJ432	M. RESISTOR CH 1/10W 4.3K	1	
R7506-08	ERJ6GMJ332	M. RESISTOR CH 1/10W 3.3K	3	
R7509	ERJ6GMJ822	M. RESISTOR CH 1/10W 8.2K	1	
R7510	ERJ6GMJ562	M. RESISTOR CH 1/10W 5.6K	1	
R7511	ERJ6GMJ432	M. RESISTOR CH 1/10W 4.3K	1	
R7512	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
R7514	ERJ6GMJ822	M. RESISTOR CH 1/10W 8.2K	1	
R7515	ERJ6GMJ562	M. RESISTOR CH 1/10W 5.6K	1	
R7516	ERJ6GMJ432	M. RESISTOR CH 1/10W 4.3K	1	
R7517	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
R7520, 21	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	2	
R7523-25	ERJ6GMJ303	M. RESISTOR CH 1/10W 30K	3	
R7527	ERJ6GMJ181	M. RESISTOR CH 1/10W 180	1	
R7528	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R7533	ERJ6GMJ303	M. RESISTOR CH 1/10W 30K	1	
R7534	ERJ6GMJ221	M. RESISTOR CH 1/10W 220	1	
R7535	ERJ6GMJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7601, 02	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	2	
R7603	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R7606, 07	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	2	
R7608, 09	ERG2S331	M. RESISTOR 2W 330	2	
R7610	ERJ6GMJ151	M. RESISTOR CH 1/10W 150	1	
R7611, 12	ERJ6GMJ883	M. RESISTOR CH 1/10W 88K	2	
R7613	ERJ6GMJ151	M. RESISTOR CH 1/10W 150	1	
R7614	ERJ6GMJ561	M. RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R7616	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R7617	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R7620	ERJ6GMJ104	M. RESISTOR CH 1/10W 100K	1	
R7621	ERJ6GMJ182	M. RESISTOR CH 1/10W 1.8K	1	
R7622, 23	ERJ6GMJ154	M. RESISTOR CH 1/10W 150K	2	
R7705	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7707	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R7708-10	ERJ3GEYJ511	M. RESISTOR CH 1/16W 510	3	
R7711	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7712	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7713	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7714	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
R7715	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R7716	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R7717	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7720	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
R7721	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R7725	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7727	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7728	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7730	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R7731	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7732	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7733	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7734	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7735	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7736	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7737	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R7738	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2W	1	
R7739	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7740	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7741-44	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7746-48	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3	
R7750-52	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3	
R7753	ERJ3GEYJ881	M. RESISTOR CH 1/16W 880	1	
R7754-57	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7759	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R7760	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7761	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7763-67	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	5	
R7770	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7771-78	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7784, 85	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	2	
R7782-88	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7801	ERDS2TJ222	G. RESISTOR 1/4W 2.2K	1	
R7802	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	1	
R7803	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
S1501	VSS0520-3	MODE SELECT SWITCH	1	[SUPPLIED FROM MBV]
S7503, 04	EVQ11L07B	SWITCH	2	
S7505	VES0834	S-TAB SWITCH	1	
S7506, 07	EVQ11L07B	SWITCH	2	
S7509, 10	EVQ11L07B	SWITCH	2	
S7518	EVQ11L07B	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T0711	EQS5EC032A	TRANSFORMER	1	
T4002	EQQ7QF024P	TRANSFORMER	1	
▲ TU7601	ENG4729601	TUNER	1	[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
VR3012, 13	EVNCRYAA03B53	V. RESISTOR 5K	2	
X0701	VLFI417	FILTER	1	[SUPPLIED FROM MBV]
X0702	VLFI281	FILTER	1	[SUPPLIED FROM MBV]
X0703	EFCT6M85MW3B	FILTER	1	
X0704	VLFI313	FILTER	1	
X3001	VXS01B2	CRYSTAL OSCILLATOR	1	
X6001	VXS0830	CRYSTAL OSCILLATOR	1	
X6002	VXS0860	CRYSTAL OSCILLATOR	1	
X7302	VXS0953	CRYSTAL OSCILLATOR	1	
X7701	VXS1043	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VXQ0848	FIP HOLDER	1	
	VMP5897	CONNECTING ANGLE	1	FOR TV DEMODULATOR C. B. A.
	VSC4753	SHIELD CASE (BOTTOM)	1	FOR NIGAM DECODER C. B. A.
	VSC4752	SHIELD CASE (MAIN)	1	FOR NIGAM DECODER C. B. A.
	VMP4894	SUPPORT ANGLE	1	FOR OSD C. B. A.
	■ VEPO6C80D	MAIN C. B. A.		[SUPPLIED FROM MBV] (RTL)
	■ VEPO6D11B	MAIN C. B. A.		[SUPPLIED FROM MBV] (RTL) (For EURO-1 Version)
				NV-HD636EC NV-HD640EC/EC-K
C0701-03	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	3	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0705	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	2	
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JPV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C0712	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0714	EC081H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C0717	ECUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C0720	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0722	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0724	EC081H473JF	P. CAPACITOR 50V 0.047U	1	
C0726	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0729	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0730	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECEA1AK6220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1CGE470	E. CAPACITOR 18V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C1008, 07	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C1008	ECA1CAK470X	E. CAPACITOR 18V 47U	1	
C1010	ECA1CAK470X	E. CAPACITOR 18V 47U	1	
C1011	ECEA1CA100	E. CAPACITOR 18V 10U	1	
C1201	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C1204	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1205-07	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C1208	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1501	ECUM1H221JCN	G. CAPACITOR CH 50V 220P	1	
C2502	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2504	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C2505	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2506	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
C2507-10	ECUM1H583ZFN	C. CAPACITOR CH 50V 0.056U	4	
C2511	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2512	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1CA100	E. CAPACITOR 18V 10U	1	
C2516	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2517	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2518	ECUM1H473ZFN	G. CAPACITOR CH 50V 0.047U	1	
C2519	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2520	ECUM1H382KBN	G. CAPACITOR CH 50V 3800P	1	
C2521	ECEA1EKA470	E. CAPACITOR 25V 47U	1	
C2522	ECUM1E683KBN	C. CAPACITOR CH 25V 0.068U	1	
C2523-25	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C2526	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2535, 36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C3004	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3005	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3007	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3011	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3012, 13	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3016	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3017	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3018	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3019	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	G. CAPACITOR CH 50V 2200P	1	
C3021	ERJ6GMZ0R00	M. RESISTOR CH 1/10W	0	
C3024	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3025	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3026	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3029	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	G. CAPACITOR CH 50V 2200P	1	
C3031	ECEA1HKA47	E. CAPACITOR 50V 0.47U	1	
C3032-34	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	3	
C3035	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3036	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3038	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3039	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C3040	ECUM1H223KBN	G. CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CA100	E. CAPACITOR 18V 10U	1	
C3042	ECUM1H580JCN	C. CAPACITOR CH 50V 58P	1	
C3043	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	G. CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3047	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C3048	ECUM1H580JCN	C. CAPACITOR CH 50V 58P	1	
C3049	ECUM1H881JCN	C. CAPACITOR CH 50V 880P	1	
C3050	ECUM1H880JCN	C. CAPACITOR CH 50V 88P	1	
C3051	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3054, 55	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C3056	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3058	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3060	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4001	ECEA1HKN010	E. CAPACITOR 50V 1U	1	
C4002	ECQB1H822JF	P. CAPACITOR 50V 8200P	1	
C4003	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4006	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C4007	ECUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4008	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4010, 11	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
C4012	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4013	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4014	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C4015	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C4016, 17	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	2	
C4018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4019	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4022-25	ECA1HAKR22X	E. CAPACITOR 50V 0.22U	4	[SUPPLIED FROM MBV]
C4026, 27	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	2	
C4030	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4031	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4032	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4033	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4034	ECA1CAK470X	E. CAPACITOR 18V 47U	1	
C4035	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4037	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4038	ECA1CAK470X	E. CAPACITOR 18V 47U	1	
C4039	ECA1CAK100X	E. CAPACITOR 18V 10U	1	
C4040	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	1	[SUPPLIED FROM MBV]
C4041	ECA1CAK100X	E. CAPACITOR 18V 10U	1	
C4042	ECA1CAK470X	E. CAPACITOR 18V 47U	1	
C4043	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4045	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4046-48	ECA1CAK100X	E. CAPACITOR 18V 10U	3	
C4049	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4050	ECEA1HKA220	E. CAPACITOR 50V 0.22U	1	
C4051	ECEA1CA100	E. CAPACITOR 18V 10U	1	
C4052-55	ECA1CAK100X	E. CAPACITOR 18V 10U	4	
C4060, 61	ECEA1CA100	E. CAPACITOR 18V 10U	2	
C4062	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4068	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4070	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4072	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4073	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H152JCN	G. CAPACITOR CH 50V 1500P	1	
C4075	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C4906	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4907	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4908	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4909	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4912-15	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	4	
C4916	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4917	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4918	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4919	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4920	ECEA1CA100	E. CAPACITOR 18V 10U	1	
C4921	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4922	ECUM1G105ZFN	C. CAPACITOR CH 18V 1U	1	
C4923	ECEA1CA100	E. CAPACITOR 18V 10U	1	
C4925	ECEA1CA470	E. CAPACITOR 18V 47U	1	
C4928	ECEA1CA220	E. CAPACITOR 18V 22U	1	
C4929, 30	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4931	ECEA1KA470	E. CAPACITOR 10V 47U	1	
C4933-36	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	4	
C4937, 38	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C6001	ECUM1G105ZFN	C. CAPACITOR CH 18V 1U	1	
C6002	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C6003	ECUM1H200JCN	C. CAPACITOR CH 50V 20P	1	
C6004	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C6005	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C6007	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C6009	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C6011	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C6012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C8013	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C8018	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8019	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C8020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C8022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C7301	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C7302	VCEAOJAW101	E. CAPACITOR 6.3V 100U	1	
C7303	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C7304	VCEAOJAW101	E. CAPACITOR 6.3V 100U	1	
C7307	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7308	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
C7312, 13	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	2	
C7315	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7316	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	1	
C7317	VCEA1CAW100	E. CAPACITOR 16V 10U	1	
C7318	VCEAOJAW470	E. CAPACITOR 6.3V 47U	1	
C7319, 20	VCEA1CAW100	E. CAPACITOR 16V 10U	2	
C7321	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	1	
C7322, 23	ECUX1H103KVB	C. CAPACITOR CH 50V 0.01U	2	
C7324-28	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	3	
C7327	ECUM1C334KBN	C. CAPACITOR CH 16V 0.33U	1	
C7328	ECUM1E333KBN	C. CAPACITOR CH 50V 0.033U	1	
C7329	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1	
C7330	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7508	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7514	VCE0073	SUPER CAPACITOR	1	
C7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7519	ECUM1E883KBN	C. CAPACITOR CH 25V 0.088U	1	
C7801	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7802	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7803	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7805, 08	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C7807	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7809	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7810	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7816	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7817	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7818, 19	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C7820, 21	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	2	[SUPPLIED FROM MBV]
C7701, 02	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	2	
C7705	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	1	
C7708	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	1	
C7709	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7711	ECUX1A105ZVF	C. CAPACITOR CH 10V 1U	1	
C7712, 13	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	2	
C7714	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7715	ECUX1A105ZVF	C. CAPACITOR CH 10V 1U	1	
C7716	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7717	ECUX1A105ZVF	C. CAPACITOR CH 10V 1U	1	
C7718	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7720	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7721	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7722, 23	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	2	
C7724	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C7726	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C7728	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7729	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	1	
C7730	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C7732, 33	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C7735, 36	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	2	
C7739	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	1	
C7740	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7743	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
C7745	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	1	
C7746	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7749, 50	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	2	
C7752	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7753-55	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7801	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7802	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C7803	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
D1003	1SS254	DIODE	1	
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	MA723VT	DIODE	1	
D1015, 16	1SS254	DIODE	2	
D1017	MA4120N-M	DIODE	1	[SUPPLIED FROM MBV]
D1018	1SS254	DIODE	1	
D1501	SIR505STA47	DIODE	1	
D2502	1SS254	DIODE	1	
D2504, 05	1SS254	DIODE	2	
D3001	1SS254	DIODE	1	
D4803	1SS254	DIODE	1	
D4805, 08	MA4075-M	DIODE	2	
D4807	MA4056N-M	DIODE	1	[SUPPLIED FROM MBV]
D4808	MA700	DIODE	1	
D6002	MA700	DIODE	1	
D7302	BB135	DIODE	1	[SUPPLIED FROM MBV]
D7521	MA4220	DIODE	1	
D7523	MA723VT	DIODE	1	
D7801	MA4300M	DIODE	1	
D7803, 04	1SS254	DIODE	2	
D7701	1SS355	DIODE	1	
D7702	ERJ3GEYOR00	M. RESISTOR CH 1/10W 0	1	
D7801	MA4051-M	DIODE	1	
D7802	1SS254	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
FL7301	VLF0633	FILTER	1	
IC0701	LA7576	IC	1	[SUPPLIED FROM MBV]
IC1001	PQ20VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPC1093J	IC	1	[SUPPLIED FROM MBV]
IC1501, 02	RP1354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3811NK	IC	1	
IC3001	TDA9735HV2	IC	1	[SUPPLIED FROM MBV]
IC4001	TDA9815H	IC	1	[SUPPLIED FROM MBV]
IC4002	NJM4558M	IC	1	
IC4902	MC14053BF	IC	1	[SUPPLIED FROM MBV]
IC4904	MC14052BF	IC	1	[SUPPLIED FROM MBV]
IC6001	M3777VFDU	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	
IC7504	PNA4811M02VT	IR RECEIVER UNIT	1	[SUPPLIED FROM MBV]
IC7505	RN5VD28AA	IC	1	[SUPPLIED FROM MBV]
IC7701	M35063MVAW	IC	1	[SUPPLIED FROM MBV]
IC7703	M30622VSDX	IC	1	[SUPPLIED FROM MBV]
IC7801	M24C16-WBNG	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201, 02	UNH000300A	IC PROTECTOR	2	
△ IP7801	VSF0015A025	IC PROTECTOR	1	[SUPPLIED FROM MBV]
△ IP7801	UNH000300A	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4903	VJS3634	21-PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
K0704-08	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	3	
K4001	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
K4004	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4009	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4012	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
K4907	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
K6002	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	
K7709	ERJ3GEYOR00	M. RESISTOR CH 1/10W	0 1	
L0701	ELJFAR12JB	COIL	0.12UH 1	[SUPPLIED FROM MBV]
L0705	ELJFA5R6JB	COIL	5.6UH 1	[SUPPLIED FROM MBV]
L0706	VLQEL05S150K	COIL	15UH 1	
L2502	VLQ0599J101	COIL	100UH 1	
L2503	VLQ0599J680	COIL	68UH 1	
L3001	VLQ0599J220	COIL	22UH 1	
L3003-08	VLQ0599J100	COIL	10UH 6	
L3008	VLQ0599J390	COIL	39UH 1	
L3010	VLQ0599J580	COIL	58UH 1	
L4001	ELELN153JA	INDUCTOR		[SUPPLIED FROM MBV]
L4007	VLQ0599J680	COIL	68UH 1	
L4904	VLQ0599J330	COIL	33UH 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	
L7604	ELESE330KA	COIL	33UH 1	
L7605	ELESE680KA	INDUCTOR	68UH 1	
L7609	VLQ0599J100	COIL	10UH 1	
L7701, 02	ELESE390KA	INDUCTOR	39UH 2	
L7703	ELESN270KA	INDUCTOR	27UH 1	
L7704	ELESE390KA	INDUCTOR	39UH 1	
L7706, 07	ELESE100KA	INDUCTOR	10UH 2	
L7708	ELESE390KA	INDUCTOR	39UH 1	
LB3001, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
LB4901-08	VLP0147	COIL		8
LB4909	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
LB4910	VLP0125	COIL		1
LB4915	VLP0125	COIL		1
LB7301-04	VLP0150	COIL		4
LB7601	VLP0125	COIL		1
LB7701	ERJ6GEYOR00	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	
P4002	VJS3837A002	CONNECTOR (FEMALE)	2P 1	
P4003	VJS3537A006G	CONNECTOR (FEMALE)	6P 1	
PK0701	VJR0818E010W	CONNECTOR (MALE)	10P 1	
PK7301	VJR0777B007W	CONNECTOR (MALE)	7P 1	
PK7302	VJR0777B008W	CONNECTOR (MALE)	8P 1	
PK7701, 02	VJR0777B015W	CONNECTOR (MALE)	15P 2	
PP0701	VJP3589A004B	CONNECTOR (MALE)	4P 1	
Q0701	MSD601-S	TRANSISTOR		1
Q0702	MSB709-R	TRANSISTOR-RESISTOR		1
Q1001	2SD601A	TRANSISTOR		1
Q1002	2SD602A	TRANSISTOR		1
Q1003	2SD1896-S	TRANSISTOR		1
Q1004	2SB710A	TRANSISTOR		1
Q1005	2SD25440PGA	TRANSISTOR		1
Q1006	2SD1896-S	TRANSISTOR		1
Q1007	2SD602A-R	TRANSISTOR		1
Q1008	2SD601A	TRANSISTOR		1
Q1009	2SD1896-S	TRANSISTOR		1
Q1201	2SD2259	TRANSISTOR		1
Q1202	2SD1896-S	TRANSISTOR		1
Q1501	PNB2301MBV	TRANSISTOR		1
Q1502	PNB2301MAV	TRANSISTOR		1
Q3003	2SB709A	TRANSISTOR		1
Q4001	2SD1149	TRANSISTOR		1
Q4002	2SD601A	TRANSISTOR		1
Q4008	2SB710-R	TRANSISTOR		1

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q4007	2SD602A-R	TRANSISTOR		1
Q4903, 04	2SD601A	TRANSISTOR		2
Q4905	2SD1328-S	TRANSISTOR		1
Q4906	2SB709A	TRANSISTOR		1
Q4907	2SD601A	TRANSISTOR		1
Q4908	2SB709A	TRANSISTOR		1
Q4908	2SD601A	TRANSISTOR		1
Q4911	2SB709A	TRANSISTOR		1
Q7601	2SD601A	TRANSISTOR		1
Q7602-04	2SD1328-S	TRANSISTOR		3
Q7605	2SB709A	TRANSISTOR		1
Q7608	2SD1328-S	TRANSISTOR		1
Q7701	2SD1819A	TRANSISTOR		1
Q7702	2SB1218A	TRANSISTOR		1
Q7703, 04	2SD1819A	TRANSISTOR		2
Q7706, 07	2SB1218A	TRANSISTOR		2
Q7708	2SD1819A	TRANSISTOR		1
Q7709	2SB1218A	TRANSISTOR		1
Q7710-12	2SD1819A	TRANSISTOR		3
Q7801	2SD1998-S	TRANSISTOR		1
QR1001	MUN2112	TRANSISTOR-RESISTOR		1
QR1002	MUN2213	TRANSISTOR-RESISTOR		1
QR1003	MUN2211	TRANSISTOR-RESISTOR		1
QR1005	MUN2213	TRANSISTOR-RESISTOR		1
QR1006	MUN2112	TRANSISTOR-RESISTOR		1
QR2504	MUN2213	TRANSISTOR-RESISTOR		1
QR3001-03	MUN2213	TRANSISTOR-RESISTOR		3
QR3006, 07	MUN2212	TRANSISTOR-RESISTOR		2
QR4001	UN2217	TRANSISTOR-RESISTOR		1
QR4002	MUN2113	TRANSISTOR-RESISTOR		1
QR4004	MUN2212	TRANSISTOR-RESISTOR		1
QR4006	MUN2111	TRANSISTOR-RESISTOR		1
QR4007, 08	UN2215	TRANSISTOR		2
QR4901	MUN2212	TRANSISTOR-RESISTOR		1
QR4902	MUN2111	TRANSISTOR-RESISTOR		1
QR4903	MUN2212	TRANSISTOR-RESISTOR		1
QR4904	MUN2211	TRANSISTOR-RESISTOR		1
QR4905	MUN2212	TRANSISTOR-RESISTOR		1
QR6001	MUN2111	TRANSISTOR-RESISTOR		1
QR6002	MUN2211	TRANSISTOR-RESISTOR		1
QR6003	MUN2212	TRANSISTOR-RESISTOR		1
QR7601	MUN2213	TRANSISTOR-RESISTOR		1
QR7703	UN5213	TRANSISTOR-RESISTOR		1
R0703	ERJ3GEYJ152	M. RESISTOR CH 1/16W	1.5K 1	
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/16W	2.2K 1	
R0705	ERJ3GEYJ582	M. RESISTOR CH 1/16W	5.8K 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	CHIP RESISTOR		1
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W	33 1	
R0719	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	
R0723	ERJ3GEYJ271	M. RESISTOR CH 1/16W	270 1	
R0724	ERJ3GEYJ183	M. RESISTOR CH 1/16W	18K 1	
R0725	ERJ3GEYJ182	M. RESISTOR CH 1/16W	1.8K 1	
R0726	ERJ3GEYJ561	M. RESISTOR CH 1/16W	560 1	
R0727	ERJ3GEYJ132	M. RESISTOR CH 1/16W	1.3K 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	ERJ6GMJ333	M. RESISTOR CH 1/10W	33K 2	
R1003, 04	ERJ6GMJ562	M. RESISTOR CH 1/10W	5.6K 2	
R1005	ERDS2TJ222	C. RESISTOR	1/4W 2.2K 1	
R1006	ERJ6GMJ472	M. RESISTOR CH 1/10W	4.7K 1	
R1007, 08	ERDS2TJ822	C. RESISTOR	1/4W 8.2K 2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1009, 10	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R1011	ERJ6GMYG823	M. RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	1	
R1013	ERJ6GMYG153	M. RESISTOR CH 1/10W 15K	1	
R1014	ERJ6GMYG183	M. RESISTOR CH 1/10W 18K	1	
R1015	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R1016, 17	ERJ6GMYJ583	M. RESISTOR CH 1/10W 58K	2	
R1018, 19	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R1022	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYJ123	M. RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1025, 26	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R1027	ERDS2TJ123	C. RESISTOR 1/4W 12K	1	
R1201, 02	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R1203	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R2501	ERDS2TJ381	C. RESISTOR 1/4W 380	1	
R2502	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R2503	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2504	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2505	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1	
R2506, 07	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2508	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2509, 10	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R2511	ERJ6GMYG433	M. RESISTOR CH 1/10W 43K	1	
R2513	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270	1	
R2514	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2515, 16	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R2517	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1	
R2518	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1	
R2519	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2532	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3001	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1	
R3002	ERJ6GMYG301	M. RESISTOR CH 1/10W 300	1	
R3003	ERJ6GMYJ882	M. RESISTOR CH 1/10W 6.8K	1	
R3004, 05	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R3006	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R3008	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3009	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R3010	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R3011, 12	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R3020	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3021	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1	
R3022	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R3023	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3024	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3025	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3027	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3028	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3029	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R3030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R3031	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R3032	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R3033	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3034	ERJ6GMYG881	M. RESISTOR CH 1/10W 880	1	
R3035	ERJ6GMYJ271	M. RESISTOR CH 1/10W 270	1	
R3036	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3040	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3041	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3042	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4001	ERJ6GMYG334	M. RESISTOR CH 1/10W 330K	1	
R4002	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4004	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4005	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4006	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4007	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4008	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4009	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1	
R4010	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R4011	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R4012	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4014	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R4015	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4016	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R4024	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4025	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4026	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4027	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4028	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4029	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4030	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4031	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4036	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4037	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4038, 39	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R4040, 41	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R4042	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4043	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4044	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R4045	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4046	ERJ6RBD393	M. RESISTOR CH 1/10W 39K	1	[SUPPLIED FROM MBV]
R4047	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4048	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R4049	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4050	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4051-54	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	4	
R4055	ERJ6GEYJ335	M. RESISTOR CH 1/10W 3.3M	1	
R4056	ERJ6GMYJ122	M. RESISTOR CH 1/10W 1.2K	1	
R4057	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4058	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R4060	ERJ6GMYJ822	M. RESISTOR CH 1/10W 8.2K	1	
R4061	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4062	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4063	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4067	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4068	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4069, 70	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R4071	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4072	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R4908	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R4910	ERJ6GMYJ911	M. RESISTOR CH 1/10W 910	1	
R4911	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4912	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4913	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4915	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4921	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4923	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4924, 25	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R4926, 27	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	2	
R4928, 29	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R4930	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4933	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4937	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4938	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4939	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4940	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R4941	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4943	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4944	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4945	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4946	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R4947	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4949	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4950	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4955	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R4956, 57	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R4961	ERDS2TJ392	C. RESISTOR 1/4W 3.9K	1	
R4962	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R6001	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R6003	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6008, 09	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	2	
R6010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6012, 13	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6015, 16	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	2	
R6017	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R6018	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R6019	ERJ6GMYK106	M. RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R6027	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6031	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6032	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R6033	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6034	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6036-3B	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	3	
R6040	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6083	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R7302	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7305, 06	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	2	
R7316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7318	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7324	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7325	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7326	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7327	ERJ3GEYJ822	M. RESISTOR CH 1/16W 8.2K	1	
R7328, 29	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R7501	ERDS2TJ5R6	C. RESISTOR 1/4W 5.6	1	
R7502, 03	ERJ6GMYJ202	M. RESISTOR CH 1/10W 2K	2	
R7505	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7506-0B	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	3	
R7509	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7510	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7511	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7512	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7514	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7515	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7516	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7517	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7520, 21	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R7523-25	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	3	
R7527	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1	
R7528	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7533	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	1	
R7534	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R7535	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7601, 02	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R7603	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7606, 07	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R7608, 09	ER02SJ331	M. RESISTOR 2W 330	2	
R7610	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7611, 12	ERJ6GMYJ883	M. RESISTOR CH 1/10W 88K	2	
R7613	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7614	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7616	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7617	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R7620	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R7621	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R7622, 23	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R7705	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7707	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R7708-10	ERJ3GEYJ511	M. RESISTOR CH 1/16W 510	3	
R7711	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7712	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7713	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7714	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
R7715	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R7716	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R7717	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7719	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7720	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
R7721	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R7722	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R7723	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7724	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R7725	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7727	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7728	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7730	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R7731	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7732	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7733	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7734	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7735	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7736	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7737	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R7738	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R7739	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7740	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7741-44	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7746-48	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3	
R7750-52	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3	
R7753	ERJ3GEYJ881	M. RESISTOR CH 1/16W 880	1	
R7754-57	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7759	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R7760	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7761	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7763-67	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	5	
R7770	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7771-78	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7784, 85	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	2	
R7792-99	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7801	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R7802	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R7803	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
S1501	VSS0520-3	MODE SELECT SWITCH	1	[SUPPLIED FROM MBV]
S7503, 04	EVQ11L07B	SWITCH	2	
S7505	VES0834	S-TAB SWITCH	1	
S7506, 07	EVQ11L07B	SWITCH	2	
S7506, 10	EVQ11L07B	SWITCH	2	
S7516	EVQ11L07B	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T0711	EQS5EC032A	TRANSFORMER	1	
T4002	EQG7QF024P	TRANSFORMER	1	
▲ TU7601	EN647295G1	TUNER	1	[SUPPLIED FROM MBV]
▲ TU7601	EN647294G1	TUNER (For EURO-1 Version)	1	[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
VR3012, 13	EVN0YAA03B53	V. RESISTOR 5K	2	
X0701	VLF1416	FILTER	1	[SUPPLIED FROM MBV]
X0702	VLF1290	FILTER	1	[SUPPLIED FROM MBV]
X0703	EFCT5R5MM5	FILTER	1	
X0704	VLF136B	FILTER	1	[SUPPLIED FROM MBV]
X3001	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0830	CRYSTAL OSCILLATOR	1	
X6002	VSX0660	CRYSTAL OSCILLATOR	1	
X7302	VSX0953	CRYSTAL OSCILLATOR	1	
X7701	VSX1043	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VXQ0648	FIP HOLDER	1	
	VMP5897	CONNECTING ANGLE	1	FOR TV DEMODULATOR C. B. A.
	VSC4753	SHIELD CASE (BOTTOM)	1	FOR NICAM DECODER C. B. A.
	VSC4752	SHIELD CASE (MAIN)	1	FOR NICAM DECODER C. B. A.
	VMP4894	SUPPORT ANGLE	1	FOR OSD C. B. A.
	■ VEP06C80C	MAIN C. B. A.		[SUPPLIED FROM MBV]
				(RTL) NV-HD640BL-K
C0701-03	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	3	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0705	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C0707_08	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	2	
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JVF	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C0712	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C0714	ECQB1H473JF	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	ECUX1H430JCV	C. CAPACITOR CH 50V 43P	1	[SUPPLIED FROM MBV]
C0720	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C0722	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0724	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0726	ECUX1H103ZVF	C. CAPACITOR CH 50V 0.01U	1	
C0729	ECEA1CKA100	E. CAPACITOR 16V 10U	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	ECEA1CBE470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1008_07	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C1008	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C1010	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C1011	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C1201	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1204	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1205-07	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C1208	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C2502	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2504	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C2505	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2508	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
C2507-10	ECUM1H583ZFN	C. CAPACITOR CH 50V 0.058U	4	
C2511	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2512	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2516	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2517	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2518	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C2519	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2520	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2521	ECEA1EKA470	E. CAPACITOR 25V 47U	1	
C2522	ECUM1E683KBN	C. CAPACITOR CH 25V 0.068U	1	
C2523-25	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C2526	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2535_36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3002_03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C3004	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3005	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3007	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3011	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3012_13	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3016	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3017	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3018	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3019	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3021	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
C3024	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3025	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3026	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3029	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3031	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3032-34	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	3	
C3035	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3036	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3038	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3039	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C3040	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C3042	ECUM1H580JCN	C. CAPACITOR CH 50V 58P	1	
C3043	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3047	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C3048	ECUM1H580JCN	C. CAPACITOR CH 50V 58P	1	
C3049	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3050	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3051	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3054_55	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C3056	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3059	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3060	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4001	ECEA1HKN010	E. CAPACITOR 50V 1U	1	
C4002	ECQB1H822JF	P. CAPACITOR 50V 8200P	1	
C4003	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4006	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C4007	ECUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4008	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4010_11	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
C4012	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4013	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4014	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C4015	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C4016_17	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	2	
C4018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4019	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4022-25	ECA1HAKR22X	E. CAPACITOR 50V 0.22U	4	[SUPPLIED FROM MBV]
C4026_27	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	2	
C4030	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4031	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4032	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4033	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4034	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4035	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4037	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4038	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4039	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4040	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	1	[SUPPLIED FROM MBV]
C4041	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4042	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4043	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4045	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4046-48	ECA1CAK100X	E. CAPACITOR 16V 10U	3	
C4049	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4050	ECEA1HKAR22	E. CAPACITOR 50V 0.22U	1	
C4051	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4052-55	ECA1CAK100X	E. CAPACITOR 16V 10U	4	
C4060_61	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C4062	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4068	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4070	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4072	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4073	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H152JCN	C. CAPACITOR CH 50V 1500P	1	
C4075	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C4908	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4907	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4908	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4909	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4912-15	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	4	
C4916	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4917	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4918	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4919	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4920	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4921	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C4922	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4923	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4925	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4928	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C4929, 30	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4931	ECEA1AKA470	E. CAPACITOR 10V 47U	1	
C4933-36	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	4	
C4937, 38	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C8001	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C8002	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8003	ECUM1H200JCN	C. CAPACITOR CH 50V 20P	1	
C8004	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C8005	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8007	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C8008	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C8011	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C8012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8013	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C8016	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8019	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C8020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C8022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C7301	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7302	YCEA0JAW101	E. CAPACITOR 6.3V 100U	1	
C7303	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7304	YCEA0JAW101	E. CAPACITOR 6.3V 100U	1	
C7307	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7308	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C7311	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
C7312, 13	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C7315	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7316	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7317	YCEA1CAW100	E. CAPACITOR 16V 10U	1	
C7318	YCEA0JAW470	E. CAPACITOR 6.3V 47U	1	
C7319, 20	YCEA1CAW100	E. CAPACITOR 16V 10U	2	
C7321	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7322, 23	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C7324-26	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	3	
C7327	ECUM1C334KBN	C. CAPACITOR CH 16V 0.33U	1	
C7328	ECUM1E333KBN	C. CAPACITOR CH 50V 0.033U	1	
C7329	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1	
C7330	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7514	YCE0073	SUPER CAPACITOR	1	
C7515	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C7519	ECUM1E883KBN	C. CAPACITOR CH 25V 0.088U	1	
C7601	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7602	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7603	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7605, 06	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C7607	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7609	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7610	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7616	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7617	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C7618, 19	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C7620, 21	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	2	[SUPPLIED FROM MBV]
C7701, 02	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C7705	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7708	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7709	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7711	ECUX1A105ZFN	C. CAPACITOR CH 10V 1U	1	
C7712, 13	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7714	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7715	ECUX1A105ZFN	C. CAPACITOR CH 10V 1U	1	
C7716	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7717	ECUX1A105ZFN	C. CAPACITOR CH 10V 1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7718	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7720	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7721	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7722, 23	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C7724	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C7728	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7729	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7730	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C7732, 33	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C7735, 36	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C7739	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7740	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7743	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
C7745	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7746	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7749, 50	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	2	
C7752	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7753-55	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	3	
C7801	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7802	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C7803	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
D1003	1SS254	DIODE	1	
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	MA723VT	DIODE	1	
D1015, 16	1SS254	DIODE	2	
D1017	MA4120N-M	DIODE	1	[SUPPLIED FROM MBV]
D1018	1SS254	DIODE	1	
D1501	S1R505STA47	DIODE	1	
D2502	1SS254	DIODE	1	
D2504, 05	1SS254	DIODE	2	
D3001	1SS254	DIODE	1	
D4903	1SS254	DIODE	1	
D4905, 06	MA4075-M	DIODE	2	
D4907	MA4056N-M	DIODE	1	[SUPPLIED FROM MBV]
D4908	MA700	DIODE	1	
D6002	MA700	DIODE	1	
D7302	BB135	DIODE	1	[SUPPLIED FROM MBV]
D7521	MA4220	DIODE	1	
D7523	MA723VT	DIODE	1	
D7601	MA4300M	DIODE	1	
D7603, 04	1SS254	DIODE	2	
D7701	1SS355	DIODE	1	
D7702	ERJ8GEY0R00	M. RESISTOR CH 1/10W 0	1	
D7801	MA4051-M	DIODE	1	
D7802	1SS254	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
FL7301	VLF0833	FILTER	1	
IC0701	LA7576	IC	1	[SUPPLIED FROM MBV]
IC1001	PQ20VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPG1093J	IC	1	[SUPPLIED FROM MBV]
IC1501, 02	RPI354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3811NK	IC	1	
IC3001	TDA9735HV2	IC	1	[SUPPLIED FROM MBV]
IC4001	TDA9615H	IC	1	[SUPPLIED FROM MBV]
IC4002	NJM4558M	IC	1	
IC4902	MC14053BF	IC	1	[SUPPLIED FROM MBV]
IC4904	MC14052BF	IC	1	[SUPPLIED FROM MBV]
IC6001	M3777VFDU	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	
IC7504	PNA4611M02VT	IR RECEIVER UNIT	1	[SUPPLIED FROM MBV]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC7505	RN5VD28AA	IC	1	[SUPPLIED FROM MBV]
IC7701	M35063WVAW	IC	1	[SUPPLIED FROM MBV]
IC7703	M30622V6DX	IC	1	[SUPPLIED FROM MBV]
IC7801	M24C16-WBNE	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201.02	UNH000300A	IC PROTECTOR	2	
△ IP7801	VSF0015A025	IC PROTECTOR	1	[SUPPLIED FROM MBV]
△ IP7801	UNH000300A	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4903	VJS3834	21-PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ3GEY0R00	M. RESISTOR CH 1/16W	0 1	
K0704-06	ERJ3GEY0R00	M. RESISTOR CH 1/16W	0 3	
K4001	ERJ8GEY0R00	M. RESISTOR CH 1/10W	0 1	
K4004	ERJ8GMZ0R00	M. RESISTOR CH 1/10W	0 1	
K4009	ERJ8GMZ0R00	M. RESISTOR CH 1/10W	0 1	
K4012	ERJ8GMZ0R00	M. RESISTOR CH 1/10W	0 1	
K4907	ERJ8GMZ0R00	M. RESISTOR CH 1/10W	0 1	
K8002	ERJ8GMZ0R00	M. RESISTOR CH 1/10W	0 1	
K7301.02	ERJ8GEY0R00	M. RESISTOR CH 1/10W	0 2	
K7304	ERJ8GEY0R00	M. RESISTOR CH 1/10W	0 1	
K7709	ERJ3GEY0R00	M. RESISTOR CH 1/16W	0 1	
L0701	ELJFAR15JB	COIL 0.15UH	1	[SUPPLIED FROM MBV]
L0705	ELJFA4R7JB	COIL 4.7UH	1	[SUPPLIED FROM MBV]
L0706	VL0EL05S8R2K	COIL 8.2UH	1	
L2502	VLQ0599J101	COIL 100UH	1	
L2503	VLQ0599J080	COIL 88UH	1	
L3001	VLQ0599J220	COIL 22UH	1	
L3003-08	VLQ0599J100	COIL 10UH	6	
L3009	VLQ0599J390	COIL 39UH	1	
L3010	VLQ0599J560	COIL 56UH	1	
L4001	ELELN153JA	INDUCTOR	1	[SUPPLIED FROM MBV]
L4007	VLQ0599J880	COIL 88UH	1	
L4904	VLQ0599J330	COIL 33UH	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	
L7604	ELESE330KA	COIL 33UH	1	
L7605	ELESE880KA	INDUCTOR 88UH	1	
L7609	VLQ0599J100	COIL 10UH	1	
L7701.02	ELESE390KA	INDUCTOR 39UH	2	
L7704	ELESE390KA	INDUCTOR 39UH	1	
L7706.07	ELESE100KA	INDUCTOR 10UH	2	
L7708	ELESE390KA	INDUCTOR 39UH	1	
LB3001.02	ERJ8GMZ0R00	M. RESISTOR CH 1/10W	0 2	
LB4901-08	VLPO147	COIL	8	
LB4909	ERJ8GMZ0R00	M. RESISTOR CH 1/10W	0 1	
LB4910	VLPO125	COIL	1	
LB4915	VLPO125	COIL	1	
LB7301-04	VLPO150	COIL	4	
LB7801	VLPO125	COIL	1	
LB7701	ERJ8GEY0R00	M. RESISTOR CH 1/10W	0 1	
P1001	VJS3917A018W	CONNECTOR (FEMALE) 18P	1	
P1501	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P2501	VJP3835A012	CONNECTOR (MALE) 12P	1	
P2502	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
P3001	VJS3537A018G	CONNECTOR (FEMALE) 18P	1	
P4002	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4003	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
PK0701	VJR0818E010W	CONNECTOR (MALE) 10P	1	
PK7301	VJR0777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK7701.02	VJR0777B015W	CONNECTOR (MALE) 15P	2	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
Q0701	MSD601-S	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q0702	MSB709-R	TRANSISTOR-RESISTOR	1	
Q1001	2SD801A	TRANSISTOR	1	
Q1002	2SD802A	TRANSISTOR	1	
Q1003	2SD1896-S	TRANSISTOR	1	
Q1004	2SB710A	TRANSISTOR	1	
Q1005	2SD25440PQA	TRANSISTOR	1	
Q1006	2SD1998-S	TRANSISTOR	1	
Q1007	2SD602A-R	TRANSISTOR	1	
Q1008	2SD801A	TRANSISTOR	1	
Q1009	2SD1898-S	TRANSISTOR	1	
Q1201	2SD2259	TRANSISTOR	1	
Q1202	2SD1898-S	TRANSISTOR	1	
Q1501	PNB2301MBV	TRANSISTOR	1	
Q1502	PNB2301MAV	TRANSISTOR	1	
Q3003	2SB709A	TRANSISTOR	1	
Q4001	2SD1149	TRANSISTOR	1	
Q4002	2SD801A	TRANSISTOR	1	
Q4006	2SB710-R	TRANSISTOR	1	
Q4007	2SD802A-R	TRANSISTOR	1	
Q4903.04	2SD801A	TRANSISTOR	2	
Q4905	2SD1328-S	TRANSISTOR	1	
Q4906	2SB709A	TRANSISTOR	1	
Q4907	2SD801A	TRANSISTOR	1	
Q4908	2SB709A	TRANSISTOR	1	
Q4909	2SD801A	TRANSISTOR	1	
Q4911	2SB709A	TRANSISTOR	1	
Q7601	2SD801A	TRANSISTOR	1	
Q7602-04	2SD1328-S	TRANSISTOR	3	
Q7605	2SB709A	TRANSISTOR	1	
Q7606	2SD1328-S	TRANSISTOR	1	
Q7701	2SD1819A	TRANSISTOR	1	
Q7702	2SB1218A	TRANSISTOR	1	
Q7703.04	2SD1819A	TRANSISTOR	2	
Q7706.07	2SB1218A	TRANSISTOR	2	
Q7708	2SD1819A	TRANSISTOR	1	
Q7709	2SB1218A	TRANSISTOR	1	
Q7710-12	2SD1819A	TRANSISTOR	3	
Q7801	2SD1898-S	TRANSISTOR	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
QR1002	MUN2213	TRANSISTOR-RESISTOR	1	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR1005	MUN2213	TRANSISTOR-RESISTOR	1	
QR1006	MUN2112	TRANSISTOR-RESISTOR	1	
QR2504	MUN2213	TRANSISTOR-RESISTOR	1	
QR3001-03	MUN2213	TRANSISTOR-RESISTOR	3	
QR3006.07	MUN2212	TRANSISTOR-RESISTOR	2	
QR4001	UN2217	TRANSISTOR-RESISTOR	1	
QR4002	MUN2113	TRANSISTOR-RESISTOR	1	
QR4004	MUN2212	TRANSISTOR-RESISTOR	1	
QR4006	MUN2111	TRANSISTOR-RESISTOR	1	
QR4007.08	UN2215	TRANSISTOR	2	
QR4901	MUN2212	TRANSISTOR-RESISTOR	1	
QR4902	MUN2111	TRANSISTOR-RESISTOR	1	
QR4903	MUN2212	TRANSISTOR-RESISTOR	1	
QR4904	MUN2211	TRANSISTOR-RESISTOR	1	
QR4905	MUN2212	TRANSISTOR-RESISTOR	1	
QR8001	MUN2111	TRANSISTOR-RESISTOR	1	
QR8002	MUN2211	TRANSISTOR-RESISTOR	1	
QR8003	MUN2212	TRANSISTOR-RESISTOR	1	
QR7801	MUN2213	TRANSISTOR-RESISTOR	1	
QR7703	UN5213	TRANSISTOR-RESISTOR	1	
R0702	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R0703	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
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	ERJ8GEYJ154	M. RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ301	M. RESISTOR CH 1/16W 300	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	1	
R0716	VRE0040E151	CHIP RESISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
R0718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0719	ERJ3GEYJ752	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	
R0723	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R0724	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0725	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R0726	ERJ3GEYJ6561	M. RESISTOR CH 1/16W 560	1	
R0727	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	[SUPPLIED FROM MBV]
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	ERJ6GMJ333	M. RESISTOR CH 1/10W 33K	2	
R1003_04	ERJ6GMJ582	M. RESISTOR CH 1/10W 5.8K	2	
R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R1006	ERJ6GMJ472	M. RESISTOR CH 1/10W 4.7K	1	
R1007_08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
R1008_10	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	2	
R1011	ERJ6GMJ823	M. RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	1	
R1013	ERJ6GMJ153	M. RESISTOR CH 1/10W 15K	1	
R1014	ERJ6GMJ163	M. RESISTOR CH 1/10W 16K	1	
R1015	ERJ6GMJ123	M. RESISTOR CH 1/10W 12K	1	
R1016_17	ERJ6GMJ563	M. RESISTOR CH 1/10W 56K	2	
R1018_19	ERJ6GMJ683	M. RESISTOR CH 1/10W 68K	2	
R1022	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMJ123	M. RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R1025_26	ERJ6GMJ333	M. RESISTOR CH 1/10W 33K	2	
R1027	ERDS2TJ123	C. RESISTOR 1/4W 12K	1	
R1201_02	ERJ6GMJ6272	M. RESISTOR CH 1/10W 2.7K	2	
R1203	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	1	
R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R2501	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
R2502	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R2503	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2504	ERJ6GMJ105	M. RESISTOR CH 1/10W 10K	1	
R2505	ERJ6GMJ392	M. RESISTOR CH 1/10W 3.9K	1	
R2506_07	ERJ6GMJ223	M. RESISTOR CH 1/10W 22K	2	
R2508	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2509_10	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	2	
R2511	ERJ6GMJ433	M. RESISTOR CH 1/10W 43K	1	
R2513	ERJ6GMJ274	M. RESISTOR CH 1/10W 270	1	
R2514	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R2515_16	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	2	
R2517	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1	
R2518	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1	
R2519	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2532	ERJ6GMJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3001	ERJ6GMJ183	M. RESISTOR CH 1/10W 18K	1	
R3002	ERJ6GMJ301	M. RESISTOR CH 1/10W 300	1	
R3003	ERJ6GMJ682	M. RESISTOR CH 1/10W 6.8K	1	
R3004_05	ERJ6GMJ221	M. RESISTOR CH 1/10W 220	2	
R3006	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	1	
R3008	ERJ6GMJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3009	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
R3010	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	1	
R3011_12	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	2	
R3020	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3021	ERJ6GMJ684	M. RESISTOR CH 1/10W 680K	1	
R3022	ERJ6GMJ224	M. RESISTOR CH 1/10W 220K	1	
R3023	ERJ6GMJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3024	ERJ6GMJ271	M. RESISTOR CH 1/10W 270	1	
R3025	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3027	ERJ6GMJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3028	ERJ6GMJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3029	ERJ6GMJ331	M. RESISTOR CH 1/10W 330	1	
R3030	ERJ6GMJ123	M. RESISTOR CH 1/10W 12K	1	
R3031	ERJ6GMJ225	M. RESISTOR CH 1/10W 2.2M	1	
R3032	ERJ6GMJ331	M. RESISTOR CH 1/10W 330	1	
R3033	ERJ6GMJ271	M. RESISTOR CH 1/10W 270	1	
R3034	ERJ6GMJ681	M. RESISTOR CH 1/10W 680	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3035	ERJ6GMJ271	M. RESISTOR CH 1/10W 270	1	
R3036	ERJ6GMJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3040	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3041	ERJ6GMJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3042	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R4001	ERJ6GMJ334	M. RESISTOR CH 1/10W 330K	1	
R4002	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMJ753	M. RESISTOR CH 1/10W 75K	1	
R4004	ERJ6GMJ153	M. RESISTOR CH 1/10W 15K	1	
R4005	ERJ6GMJ6271	M. RESISTOR CH 1/10W 270	1	
R4006	ERJ6GMJ223	M. RESISTOR CH 1/10W 22K	1	
R4007	ERJ6GMJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4008	ERJ6GMJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4008	ERJ6GMJ181	M. RESISTOR CH 1/10W 180	1	
R4010	ERJ6GMJ391	M. RESISTOR CH 1/10W 390	1	
R4011	ERJ6GMJ333	M. RESISTOR CH 1/10W 33K	1	
R4012	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4014	ERJ6GMJ225	M. RESISTOR CH 1/10W 2.2M	1	
R4015	ERJ6GMJ183	M. RESISTOR CH 1/10W 18K	1	
R4016	ERJ6GMJ182	M. RESISTOR CH 1/10W 1.8K	1	
R4024	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
R4025	ERJ6GMJ753	M. RESISTOR CH 1/10W 75K	1	
R4026	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
R4027	ERJ6GMJ753	M. RESISTOR CH 1/10W 75K	1	
R4028	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
R4028	ERJ6GMJ753	M. RESISTOR CH 1/10W 75K	1	
R4030	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
R4031	ERJ6GMJ753	M. RESISTOR CH 1/10W 75K	1	
R4036	ERJ6GMJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4037	ERJ6GMJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4038_39	ERJ6GMJ154	M. RESISTOR CH 1/10W 150K	2	
R4040_41	ERJ6GMJ221	M. RESISTOR CH 1/10W 220	2	
R4042	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R4043	ERJ6GMJ223	M. RESISTOR CH 1/10W 22K	1	
R4044	ERJ6GMJ623	M. RESISTOR CH 1/10W 82K	1	
R4045	ERJ6GMJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4046	ERJ6RBD393	M. RESISTOR CH 1/10W 39K	1	[SUPPLIED FROM MBV]
R4047	ERJ6GMJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4048	ERJ6GMJ623	M. RESISTOR CH 1/10W 82K	1	
R4049	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	1	
R4050	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4051-54	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	4	
R4055	ERJ6GEYJ335	M. RESISTOR CH 1/10W 3.3M	1	
R4056	ERJ6GMJ122	M. RESISTOR CH 1/10W 1.2K	1	
R4057	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4058	ERJ6GMJ391	M. RESISTOR CH 1/10W 390	1	
R4060	ERJ6GMJ622	M. RESISTOR CH 1/10W 6.2K	1	
R4061	ERJ6GMJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4062	ERJ6GMJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4063	ERJ6GMJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4067	ERJ6GMJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4068	ERJ6GMJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4069_70	ERJ6GMJ154	M. RESISTOR CH 1/10W 150K	2	
R4071	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R4072	ERJ6GMJ224	M. RESISTOR CH 1/10W 220K	1	
R4909	ERJ6GMJ562	M. RESISTOR CH 1/10W 5.6K	1	
R4910	ERJ6GMJ911	M. RESISTOR CH 1/10W 910	1	
R4911	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4912	ERJ6GMJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4913	ERJ6GMJ153	M. RESISTOR CH 1/10W 15K	1	
R4915	ERJ6GMJ223	M. RESISTOR CH 1/10W 22K	1	
R4921	ERJ6GMJ331	M. RESISTOR CH 1/10W 330	1	
R4923	ERJ6GMJ331	M. RESISTOR CH 1/10W 330	1	
R4924_25	ERJ6GMJ750	M. RESISTOR CH 1/10W 75	2	
R4926_27	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	2	
R4928_29	ERJ6GMJ750	M. RESISTOR CH 1/10W 75	2	
R4930	ERJ6GMJ331	M. RESISTOR CH 1/10W 330	1	
R4933	ERJ6GMJ331	M. RESISTOR CH 1/10W 330	1	
R4937	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R4938	ERJ6GMJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4939	ERJ6GMJ331	M. RESISTOR CH 1/10W 330	1	
R4940	ERJ6GMJ683	M. RESISTOR CH 1/10W 68K	1	
R4941	ERJ6GMJ121	M. RESISTOR CH 1/10W 120	1	
R4943	ERJ6GMJ121	M. RESISTOR CH 1/10W 120	1	
R4944	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4945	ERJ6GMJ331	M. RESISTOR CH 1/10W 330	1	
R4946	ERJ6GMJ683	M. RESISTOR CH 1/10W 68K	1	
R4947	ERJ6GMJ121	M. RESISTOR CH 1/10W 120	1	
R4949	ERJ6GMJ121	M. RESISTOR CH 1/10W 120	1	
R4950	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	1	
R4955	ERJ6GMJ471	M. RESISTOR CH 1/10W 470	1	
R4956, 57	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	2	
R4961	ERDS2TJ392	C. RESISTOR 1/4W 3.9K	1	
R4962	ERJ6GMJ334	M. RESISTOR CH 1/10W 330K	1	
R6001	ERJ6GMJ472	M. RESISTOR CH 1/10W 4.7K	1	
R6003	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMJ273	M. RESISTOR CH 1/10W 27K	1	
R6008, 09	ERJ6GMJ272	M. RESISTOR CH 1/10W 2.7K	2	
R6010	ERJ6GMJ223	M. RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R6012, 13	ERJ6GMJ472	M. RESISTOR CH 1/10W 4.7K	2	
R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R6015, 16	ERJ6GMJ273	M. RESISTOR CH 1/10W 27K	2	
R6017	ERJ6GMJ222	M. RESISTOR CH 1/10W 2.2K	1	
R6018	ERJ6GMJ224	M. RESISTOR CH 1/10W 220K	1	
R6019	ERJ6GMJ106	M. RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R6021	ERJ6GMJ105	M. RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R6027	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R6031	ERJ6GMJ273	M. RESISTOR CH 1/10W 27K	1	
R6032	ERJ6GMJ393	M. RESISTOR CH 1/10W 39K	1	
R6033	ERJ6GMJ273	M. RESISTOR CH 1/10W 27K	1	
R6034	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R6036-38	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	3	
R6040	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	1	
R6083	ERJ6GMJ562	M. RESISTOR CH 1/10W 5.6K	1	
R7302	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7305, 06	ERJ6GEYJ101	M. RESISTOR CH 1/10W 100	2	
R7316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7318	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7324	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7325	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7326	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7327	ERJ3GEYJ822	M. RESISTOR CH 1/16W 8.2K	1	
R7328, 29	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R7501	ERDS2TJ5R8	C. RESISTOR 1/4W 5.6	1	
R7502, 03	ERJ6GMJ202	M. RESISTOR CH 1/10W 2K	2	
R7505	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7506-08	ERJ6GMJ332	M. RESISTOR CH 1/10W 3.3K	3	
R7509	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7510	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7511	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7512	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
R7514	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7515	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7516	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7517	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
R7520, 21	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	2	
R7523-25	ERJ6GMJ303	M. RESISTOR CH 1/10W 30K	3	
R7527	ERJ6GMJ181	M. RESISTOR CH 1/10W 180	1	
R7528	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R7533	ERJ6GMJ303	M. RESISTOR CH 1/10W 30K	1	
R7534	ERJ6GMJ221	M. RESISTOR CH 1/10W 220	1	
R7535	ERJ6GMJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7601, 02	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	2	
R7603	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R7606, 07	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	2	
R7608, 09	ERQ2SJ331	M. RESISTOR 2W 330	2	
R7610	ERJ6GMJ151	M. RESISTOR CH 1/10W 150	1	
R7611, 12	ERJ6GMJ683	M. RESISTOR CH 1/10W 68K	2	
R7613	ERJ6GMJ151	M. RESISTOR CH 1/10W 150	1	
R7614	ERJ6GMJ561	M. RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMJ103	M. RESISTOR CH 1/10W 10K	1	
R7616	ERJ6GMJ102	M. RESISTOR CH 1/10W 1K	1	
R7617	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R7620	ERJ6GMJ104	M. RESISTOR CH 1/10W 100K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7621	ERJ6GMJ182	M. RESISTOR CH 1/10W 1.8K	1	
R7622, 23	ERJ6GMJ154	M. RESISTOR CH 1/10W 150K	2	
R7705	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7707	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R7708-10	ERJ3GEYJ511	M. RESISTOR CH 1/16W 510	3	
R7711	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7712	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7713	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7714	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
R7715	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R7716	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R7717	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7719	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7720	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
R7721	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R7725	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7727	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7728	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7730	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R7731	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7732	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7733	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7734	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7735	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7736	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7737	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R7738	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R7739	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7740	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7741-44	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7746-48	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3	
R7750-52	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	3	
R7753	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R7754-57	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7759	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R7760	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7761	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7763-67	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	5	
R7770	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7771-78	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7784, 85	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	2	
R7792-99	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7801	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R7802	ERJ6GMJ473	M. RESISTOR CH 1/10W 47K	1	
R7803	ERJ6GMJ101	M. RESISTOR CH 1/10W 100	1	
S1501	VSS0520-3	MODE SELECT SWITCH	1	[SUPPLIED FROM MBV]
S7503, 04	EVQ11L07B	SWITCH	2	
S7505	VES0834	S-TAB SWITCH	1	
S7506, 07	EVQ11L07B	SWITCH	2	
S7509, 10	EVQ11L07B	SWITCH	2	
S7516	EVQ11L07B	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T0711	EQS5EC032A	TRANSFORMER	1	
T4002	EQQ7GF024P	TRANSFORMER	1	
▲ TU7601	ENG4729761	TUNER	1	[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
VR3012, 13	EVNCYAA03B53	V. RESISTOR 5K	2	
X0701	VLF1417	FILTER	1	[SUPPLIED FROM MBV]
X0702	VLF1291	FILTER	1	[SUPPLIED FROM MBV]
X0703	EFCT6M5MW3B	FILTER	1	
X0704	VLF1313	FILTER	1	
X3001	VSX0182	CRYSTAL OSCILLATOR	1	
X8001	VSX0830	CRYSTAL OSCILLATOR	1	
X8002	VSX0860	CRYSTAL OSCILLATOR	1	
X7302	VSX0853	CRYSTAL OSCILLATOR	1	
X7701	VSX1043	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	VX00848	ZIP HOLDER	1	
	VMP5887	CONNECTING ANGLE	1	FOR TV DEMODULATOR C.B.A.
	VSC4753	SHIELD CASE (BOTTOM)	1	FOR NICAM DECODER C.B.A.
	VSC4752	SHIELD CASE (MAIN)	1	FOR NICAM DECODER C.B.A.
	VMP4894	SUPPORT ANGLE	1	FOR OSD C.B.A.
	VEP06C80G	MAIN C.B.A.		[SUPPLIED FROM MBV] (RTL)
	VEP08011D	MAIN C.B.A. (For EURO-1 Version)		[SUPPLIED FROM MBV] (RTL) NV-HD645EG/EG-K
C0701-02	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	2	
C0704	ECUX1H31JCV	C. CAPACITOR CH 50V 330P	1	
C0708	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707-08	ECUX1H103ZV	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	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0714	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C0717	ECUX1H270JVP	G. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C0720	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0726	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0730	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZV	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	ECEA1CGE470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1008-07	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C1008	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C1010	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C1011	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C1201	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C1204	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1205-07	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C1208	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C2502	ECEA1YKN4R7	E. CAPACITOR 35V 4.7U	1	
C2504	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
C2505	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2508	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
C2507-10	ECUM1H563ZFN	C. CAPACITOR CH 50V 0.056U	4	
C2511	ECEA1YKN4R7	E. CAPACITOR 35V 4.7U	1	
C2512	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2516	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2517	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2518	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C2519	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2520	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2521	ECEA1EKA470	E. CAPACITOR 25V 47U	1	
C2522	ECUM1E883KBN	C. CAPACITOR CH 25V 0.088U	1	
C2523-25	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C2526	ECEA1YKN4R7	E. CAPACITOR 35V 4.7U	1	
C2535-36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3002-03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C3004	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3005	ECUM1H880JCN	C. CAPACITOR CH 50V 68P	1	
C3007	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3011	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3012, 13	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E. CAPACITOR 50V 1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3016	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3017	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3018	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C3019	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3021	ERJ8GMZ0R00	M. RESISTOR CH 1/10W 0	1	
C3024	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3025	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C3026	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3029	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3031	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	
C3032-34	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	3	
C3035	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3036	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3038	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C3039	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C3040	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C3042	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C3043	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3047	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C3048	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C3049	ECUM1H881JCN	C. CAPACITOR CH 50V 880P	1	
C3050	ECUM1H880JCN	C. CAPACITOR CH 50V 88P	1	
C3051	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3054, 55	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C3056	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3059	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3060	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4001	ECEA1HKN010	E. CAPACITOR 50V 1U	1	
C4002	ECQB1H822JF	P. CAPACITOR 50V 8200P	1	
C4003	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4006	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C4007	ECUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4008	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4010, 11	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
C4012	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4013	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C4014	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C4015	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C4016, 17	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	2	
C4018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4019	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C4020-25	ECA1HAKR22X	E. CAPACITOR 50V 0.22U	6	[SUPPLIED FROM MBV]
C4026, 27	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	2	
C4030	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4031	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4032	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4033	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4034	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4035	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4037	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4038	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4039	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4040	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	1	[SUPPLIED FROM MBV]
C4041	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4042	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4043	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4045	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4046-48	ECA1CAK100X	E. CAPACITOR 16V 10U	3	
C4049	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4050	ECEA1HKAR22	E. CAPACITOR 50V 0.22U	1	
C4051	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4052-55	ECA1CAK100X	E. CAPACITOR 16V 10U	4	
C4060, 61	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C4062	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4068	ECQV1H154JM	P. CAPACITOR 50V 0.15U	1	
C4070	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4072	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4073	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C4075	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C4076	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4077	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4078	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4079	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4080	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C4906	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4907	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4908	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4909	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4912-15	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	4	
C4916	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4917	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4918	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4919	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4920	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4921	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4922	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4923	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4925	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4928	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C4929, 30	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4931	ECEA1KA470	E. CAPACITOR 10V 47U	1	
C4933-36	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	4	
C4937, 38	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C8001	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C8002	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8003	ECUM1H200JCN	C. CAPACITOR CH 50V 20P	1	
C8004	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C8005	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8007	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C8009	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C8011	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C8012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8013	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C8018	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8019	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C8020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C8021	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C8022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C8024	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7302	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1	
C7304	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1	
C7308	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C7309	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	1	
C7310	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7311	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7312	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C7313	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C7314, 15	ECQB1H103JF	P. CAPACITOR 50V 0.01U	2	
C7320, 21	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C7323-25	ECUM1H153KBM	C. CAPACITOR CH 50V 0.015U	3	
C7326	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7333	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7337	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7349	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7353	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C7355, 56	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
C7357	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7358	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7359	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7514	VCE0073	SUPER CAPACITOR	1	
C7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7519	ECUM1E683KBN	C. CAPACITOR CH 25V 0.068U	1	
C7601	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7602	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7603	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7605, 06	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C7607	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7609	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7610	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7616	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7617	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7618, 19	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C7620, 21	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	2	[SUPPLIED FROM MBV]
C7701, 02	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C7705	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7708	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7709	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7711	ECUX1A105ZFN	C. CAPACITOR CH 10V 1U	1	
C7712, 13	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7714	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7715	ECUX1A105ZFN	C. CAPACITOR CH 10V 1U	1	
C7716	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7717	ECUX1A105ZFN	C. CAPACITOR CH 10V 1U	1	
C7718	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7720	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7721	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7722, 23	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C7724	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C7728	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C7728	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7729	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7730	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C7732, 33	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C7735, 38	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C7739	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7740	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7743	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0	
C7745	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7746	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7749, 50	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	2	
C7752	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7753-55	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	3	
C7801	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7802	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C7803	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
D1003	1SS254	DIODE	1	
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	MA723VT	DIODE	1	
D1015, 16	1SS254	DIODE	2	
D1017	MA4120N-M	DIODE	1	[SUPPLIED FROM MBV]
D1018	1SS254	DIODE	1	
D1501	SIR505STA47	DIODE	1	
D2502	1SS254	DIODE	1	
D2504, 05	1SS254	DIODE	2	
D3001	1SS254	DIODE	1	
D4001	1SS254	DIODE	1	
D4903	1SS254	DIODE	1	
D4905, 06	MA4075-M	DIODE	2	
D4907	MA4058N-M	DIODE	1	[SUPPLIED FROM MBV]
D4908	MA700	DIODE	1	
D6001, 02	MA700	DIODE	2	
D7521	MA4220	DIODE	1	
D7523	MA723VT	DIODE	1	
D7601	MA4300M	DIODE	1	
D7603, 04	1SS254	DIODE	2	
D7701	1SS355	DIODE	1	
D7702	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0	
D7801	MA4051-M	DIODE	1	
D7802	1SS254	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]	P1501	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
IC0701	LA7578	IC	1	[SUPPLIED FROM MBV]	P2501	VJP3835A012	CONNECTOR (MALE) 12P	1	
IC1001	PQ20V82E	IC	1	[SUPPLIED FROM MBV]	P2502	VJS3837A009G	CONNECTOR (FEMALE) 9P	1	
IC1201	UPC1083J	IC	1	[SUPPLIED FROM MBV]	P3001	VJS3837A018G	CONNECTOR (FEMALE) 18P	1	
IC1501, 02	RP1354N	IC	2		P4002	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
IC2501	NJM2904M	IC	1		P4003	VJS3837A008G	CONNECTOR (FEMALE) 8P	1	
IC2502	AN3811NK	IC	1		P7502	VJS3837A008G	CONNECTOR (FEMALE) 8P	1	
IC3001	TDA8735HV2	IC	1	[SUPPLIED FROM MBV]	PK0701	VJR0818E010W	CONNECTOR (MALE) 10P	1	
IC4001	TDA8615H	IC	1	[SUPPLIED FROM MBV]	PK7301	VJR0777B007W	CONNECTOR (MALE) 7P	1	
IC4002	NJM4558M	IC	1		PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
IC4901, 02	MC14053BF	IC	2	[SUPPLIED FROM MBV]	PK7701, 02	VJR0777B015W	CONNECTOR (MALE) 15P	2	
IC4904	MC14052BF	IC	1	[SUPPLIED FROM MBV]	PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
IC8001	M37777VFDU	IC	1	[SUPPLIED FROM MBV]	Q0701	MSD601-S	TRANSISTOR	1	
IC7301	TDA9840T	IC	1	[SUPPLIED FROM MBV]	Q0702	MSB709-R	TRANSISTOR-RESISTOR	1	
IC7302	TDA9821	IC	1	[SUPPLIED FROM MBV]	Q1001	2SD601A	TRANSISTOR	1	
IC7501	M35500AFP	IC	1	[SUPPLIED FROM MBV]	Q1002	2SD602A	TRANSISTOR	1	
IC7502	S80743AL	IC	1		Q1003	2SD1996-S	TRANSISTOR	1	
IC7504	PNA4811M02VT	IR RECEIVER UNIT	1	[SUPPLIED FROM MBV]	Q1004	2SB710A	TRANSISTOR	1	
IC7505	RM5VD28AA	IC	1	[SUPPLIED FROM MBV]	Q1005	2SD25440PQA	TRANSISTOR	1	
IC7701	M35083WYAW	IC	1	[SUPPLIED FROM MBV]	Q1006	2SD1998-S	TRANSISTOR	1	
IC7703	M30822VGDY	IC	1	[SUPPLIED FROM MBV]	Q1007	2SD602A-R	TRANSISTOR	1	
IC7801	M24C18-W8N6	IC	1	[SUPPLIED FROM MBV]	Q1008	2SD601A	TRANSISTOR	1	
△ IP1001	UNH000300A	IC PROTECTOR	1		Q1009	2SD1996-S	TRANSISTOR	1	
△ IP1201, 02	UNH000300A	IC PROTECTOR	2		Q1201	2SD2259	TRANSISTOR	1	
△ IP7801	VSF0015A025	IC PROTECTOR	1	[SUPPLIED FROM MBV]	Q1202	2SD1988-S	TRANSISTOR	1	
△ IP7801	UNH000300A	IC PROTECTOR	1		Q1501	PNB2301MBV	TRANSISTOR	1	
JK4801	VJJ0377	RCA JACK	1		Q1502	PNB2301MAV	TRANSISTOR	1	
JK4803	VJS3834	21-PIN SCART JACK	1	[SUPPLIED FROM MBV]	Q3003	2SB709A	TRANSISTOR	1	
K0702	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0	1	Q4001	2SD1149	TRANSISTOR	1	
K0704, 05	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0	2	Q4002	2SD801A	TRANSISTOR	1	
K4001	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0	1	Q4004	2SB710-R	TRANSISTOR	1	
K4005, 06	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	2	Q4005	2SD602A-R	TRANSISTOR	1	
K4009	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	1	Q4006	2SB710-R	TRANSISTOR	1	
K4012	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	1	Q4007	2SD602A-R	TRANSISTOR	1	
K8002	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	1	Q4903, 04	2SD601A	TRANSISTOR	2	
K7709	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0	1	Q4905	2SD1328-S	TRANSISTOR	1	
L0701	ELJFARI2JB	COIL 0.12UH	1	[SUPPLIED FROM MBV]	Q4906	2SB709A	TRANSISTOR	1	
L0705	ELJFA5R6JB	COIL 5.6UH	1	[SUPPLIED FROM MBV]	Q4907	2SD601A	TRANSISTOR	1	
L0706	VLQ0599J150K	COIL 15UH	1		Q4908	2SB709A	TRANSISTOR	1	
L2502	VLQ0599J101	COIL 100UH	1		Q4909	2SD601A	TRANSISTOR	1	
L2503	VLQ0599J080	COIL 80UH	1		Q4911	2SB709A	TRANSISTOR	1	
L3001	VLQ0599J220	COIL 22UH	1		Q7301	MSD601-S	TRANSISTOR	1	
L3003-08	VLQ0599J100	COIL 10UH	6		Q7501	2SB709A	TRANSISTOR	1	
L3009	VLQ0599J390	COIL 39UH	1		Q7502	2SD1994	TRANSISTOR	1	
L3010	VLQ0599J560	COIL 56UH	1		Q7601	2SD601A	TRANSISTOR	1	
L4001	ELELN153JA	INDUCTOR	1	[SUPPLIED FROM MBV]	Q7602-04	2SD1328-S	TRANSISTOR	3	
L4008, 07	VLQ0599J680	COIL 68UH	2		Q7605	2SB709A	TRANSISTOR	1	
L4904	VLQ0599J330	COIL 33UH	1		Q7606	2SD1328-S	TRANSISTOR	1	
L8001	VLQ0599J221	COIL 220UH	1		Q7701	2SD1818A	TRANSISTOR	1	
L7601	VLQ0599J330	COIL 33UH	1		Q7702	2SB1218A	TRANSISTOR	1	
L7602	VLQ0599J2R7	COIL 2.7UH	1		Q7703, 04	2SD1818A	TRANSISTOR	2	
L7603	VLQ0599J330	COIL 33UH	1		Q7706, 07	2SB1218A	TRANSISTOR	2	
L7604	ELESE330KA	COIL 33UH	1		Q7708	2SD1818A	TRANSISTOR	1	
L7605	ELESE680KA	INDUCTOR 68UH	1		Q7709	2SB1218A	TRANSISTOR	1	
L7609	VLQ0599J100	COIL 10UH	1		Q7710-12	2SD1818A	TRANSISTOR	3	
L7701, 02	ELESE390KA	INDUCTOR 39UH	2		Q7801	2SD1996-S	TRANSISTOR	1	
L7703	ELESE270KA	INDUCTOR 27UH	1		QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
L7704	ELESE390KA	INDUCTOR 39UH	1		QR1002	MUN2213	TRANSISTOR-RESISTOR	1	
L7706, 07	ELESE100KA	INDUCTOR 10UH	2		QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
L7708	ELESE390KA	INDUCTOR 39UH	1		QR1005	MUN2213	TRANSISTOR-RESISTOR	1	
LB3001, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	2	QR1008	MUN2112	TRANSISTOR-RESISTOR	1	
LB4901-08	VLPO147	COIL	8		QR2504	MUN2213	TRANSISTOR-RESISTOR	1	
LB4909	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0	1	QR3001-03	MUN2213	TRANSISTOR-RESISTOR	3	
LB4910	VLPO125	COIL	1		QR3008, 07	MUN2212	TRANSISTOR-RESISTOR	2	
LB4915	VLPO125	COIL	1		QR4001	UN2217	TRANSISTOR-RESISTOR	1	
LB7601	VLPO125	COIL	1		QR4002	MUN2113	TRANSISTOR-RESISTOR	1	
LB7701	ERJ6GEYOR00	M. RESISTOR CH 1/10W	0	1	QR4003, 04	MUN2212	TRANSISTOR-RESISTOR	2	
P1001	VJS3917A018W	CONNECTOR (FEMALE) 18P	1		QR4006	MUN2111	TRANSISTOR-RESISTOR	1	
					QR4007, 08	UN2215	TRANSISTOR	2	
					QR4901	MUN2212	TRANSISTOR-RESISTOR	1	
					QR4902	MUN2111	TRANSISTOR-RESISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
QR4903	MUN2212	TRANSISTOR-RESISTOR	1	
QR4904	MUN2211	TRANSISTOR-RESISTOR	1	
QR4905	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1	
QR6003_04	MUN2212	TRANSISTOR-RESISTOR	2	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1	
QR7703	UN5213	TRANSISTOR-RESISTOR	1	
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R0705	ERJ3GEYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R0708_07	ERJ3GEYJ272	M. RESISTOR CH 1/10W 2.7K	2	
R0708	ERJ3GEYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/10W 1M	1	
R0710	ERJ6GEYJ154	M. RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ471	M. RESISTOR CH 1/10W 470	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/10W 47	1	
R0715	ERJ3GEYJ432	M. RESISTOR CH 1/10W 4.3K	1	
R0716	VRE0040E151	CHIP RESISTOR	1	
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/10W 33	1	
R0718	ERJ3GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R0719	ERJ6GEYJ752	M. RESISTOR CH 1/10W 7.5K	1	
R0720	ERJ3GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/10W 100	1	
R0728	ERJ3GEYJ471	M. RESISTOR CH 1/10W 470	1	
R0729	ERJ3GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R0732	ERJ3GEYJ471	M. RESISTOR CH 1/10W 470	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/10W 39K	1	
R1001_02	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R1003_04	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	2	
R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R1006	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R1007_08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
R1009_10	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R1011	ERJ6GMYG823	M. RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	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	ERJ6GMYJ563	M. RESISTOR CH 1/10W 56K	2	
R1018_19	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R1022	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYJ123	M. RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1025_26	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R1027	ERDS2TJ123	C. RESISTOR 1/4W 12K	1	
R1201_02	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R1203	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R2501	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
R2502	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R2503	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2504	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2505	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1	
R2506_07	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2508	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2509_10	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R2511	ERJ6GMYG433	M. RESISTOR CH 1/10W 43K	1	
R2513	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270	1	
R2514	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2515_16	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R2517	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1	
R2518	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1	
R2519	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2532	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3001	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1	
R3002	ERJ6GMYG301	M. RESISTOR CH 1/10W 300	1	
R3003	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R3004_05	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R3006	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R3008	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3009	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R3010	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R3011_12	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R3020	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3021	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1	
R3022	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R3023	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3024	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3025	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3027	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3028	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3029	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R3030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R3031	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R3032	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R3033	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3034	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3035	ERJ6GMYJ271	M. RESISTOR CH 1/10W 270	1	
R3036	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3040	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3041	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3042	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4001	ERJ6GMYG334	M. RESISTOR CH 1/10W 330K	1	
R4002	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4004	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4005	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4006	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4007	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4008	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4009	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1	
R4010	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R4011	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R4012	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4014	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R4015	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1	
R4016	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R4020	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4021	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4022	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4023	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4024	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4025	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4026	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4027	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4028	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4029	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4030	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4031	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4036	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4037	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4038_39	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R4040_41	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R4042	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4043	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4044	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R4045	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4046	ERJ6RBD393	M. RESISTOR CH 1/10W 39K	1	[SUPPLIED FROM MBV]
R4047	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4048	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R4049	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4050	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4051-54	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	4	
R4055	ERJ6GEYJ335	M. RESISTOR CH 1/10W 3.3M	1	
R4056	ERJ6GMYJ122	M. RESISTOR CH 1/10W 1.2K	1	
R4057	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4058	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R4060	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4061	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4062	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4063	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4064	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4065	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4066_67	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	2	
R4068	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4069_70	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R4071	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4072	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4809	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R4910	ERJ6GMYJ911	M. RESISTOR CH 1/10W 910	1	
R4911	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4912	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4913	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4915	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4921	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4923	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4924, 25	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R4926, 27	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	2	
R4928, 29	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R4930	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4933	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4937	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4938	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4939	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4940	ERJ6GMYJ883	M. RESISTOR CH 1/10W 88K	1	
R4941	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4943	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4944	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4945	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4946	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R4947	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4949	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4950	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4953	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R4955	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R4956, 57	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R4961	ERDS2TJ392	C. RESISTOR 1/4W 3.9K	1	
R4962	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R8001	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R8003	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R8005	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R8006	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R8007	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R8008, 09	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	2	
R8010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R8011	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R8012, 13	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R8014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R8015, 16	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	2	
R8017	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R8018	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R8019	ERJ6GMYK106	M. RESISTOR CH 1/10W 10M	1	
R8020	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R8021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R8022	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R8025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R8027	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R8031	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R8032	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R8033	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R8034	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R8035	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R8036-38	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	3	
R8040	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R8083	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R7302	ERJ3GEYQ153	M. RESISTOR CH 1/16W 15K	1	
R7303	ERJ3GEYQ182	M. RESISTOR CH 1/16W 1.8K	1	
R7304	ERJ6GEYQ122	M. RESISTOR CH 1/10W 1.2K	1	[SUPPLIED FROM MBV]
R7305	ERJ3GEYQ821	M. RESISTOR CH 1/16W 820	1	
R7307	ERJ3GEYQ821	M. RESISTOR CH 1/16W 820	1	
R7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7313	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7323	ERJ3GEYQ152	M. RESISTOR CH 1/16W 1.5K	1	
R7324, 25	ERJ3GEYQ471	M. RESISTOR CH 1/16W 470	2	
R7326	ERJ3GEYQ153	M. RESISTOR CH 1/16W 15K	1	
R7327	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R7329	ERJ3GEYQ562	M. RESISTOR CH 1/16W 5.6K	1	
R7330	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7331	ERJ3GEYQ103	M. RESISTOR CH 1/16W 10K	1	
R7337, 38	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	2	
R7345	ERJ3GEYQ182	M. RESISTOR CH 1/16W 1.8K	1	
R7353, 54	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	2	
R7364	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7365	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7367	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R7368	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R7369	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R7370, 71	ERJ6GEYJ101	M. RESISTOR CH 1/10W 100	2	
R7501	ERDS2TJ5R6	C. RESISTOR 1/4W 5.6	1	
R7502, 03	ERJ6GEYJ202	M. RESISTOR CH 1/10W 2K	2	
R7504	ERJ6GMYQ562	M. RESISTOR CH 1/10W 5.6K	1	
R7505	ERJ6GMYQ432	M. RESISTOR CH 1/10W 4.3K	1	
R7506-08	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	3	
R7509	ERJ6GMYQ822	M. RESISTOR CH 1/10W 8.2K	1	
R7510	ERJ6GMYQ562	M. RESISTOR CH 1/10W 5.6K	1	
R7511	ERJ6GMYQ432	M. RESISTOR CH 1/10W 4.3K	1	
R7512	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7514	ERJ6GMYQ822	M. RESISTOR CH 1/10W 8.2K	1	
R7515	ERJ6GMYQ562	M. RESISTOR CH 1/10W 5.6K	1	
R7516	ERJ6GMYQ432	M. RESISTOR CH 1/10W 4.3K	1	
R7517	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7520, 21	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R7523-25	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	3	
R7527	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1	
R7528	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7529	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R7531, 32	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	2	
R7533	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	1	
R7534	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R7535	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7536	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7555	ERJ6GMYQ822	M. RESISTOR CH 1/10W 8.2K	1	
R7556	ERJ6GMYQ123	M. RESISTOR CH 1/10W 12K	1	
R7601, 02	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R7603	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7606, 07	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R7608, 09	ERQ2SJ331	M. RESISTOR 2W 330	2	
R7610	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7611, 12	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R7613	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7614	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7616	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7617	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R7620	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R7621	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R7622, 23	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R7705	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7707	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R7708-10	ERJ3GEYJ511	M. RESISTOR CH 1/16W 510	3	
R7711	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7712	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7713	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7714	ERJ3GEYQ153	M. RESISTOR CH 1/16W 15K	1	
R7715	ERJ3GEYQ152	M. RESISTOR CH 1/16W 1.5K	1	
R7716	ERJ3GEYQ562	M. RESISTOR CH 1/16W 5.6K	1	
R7717	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7719	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7720	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
R7721	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R7722	ERJ3GEYJ583	M. RESISTOR CH 1/16W 58K	1	
R7723	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7724	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R7725	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7727	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7728	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7730	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R7731	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7732	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7733	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7734	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7735	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7736	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7737	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R7738	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R7739	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7740	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7741-44	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7746-52	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	7	
R7753	ERJ3GEYJ881	M. RESISTOR CH 1/16W 680	1	
R7754-57	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7759	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R7760	ERJ3GEYR000	M. RESISTOR CH 1/16W 0	1	
R7761	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7762-87	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7770	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7771-78	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7784.85	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	2	
R7792-99	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7801	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R7802	ERJ8GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R7803	ERJ8GMYJ101	M. RESISTOR CH 1/10W 100	1	
S1501	VSS0520-3	MODE SELECT SWITCH	1	[SUPPLIED FROM MBV]
S7503.04	EVQ11L07B	SWITCH	2	
S7505	YES0834	S-TAB SWITCH	1	
S7506.07	EVQ11L07B	SWITCH	2	
S7509.10	EVQ11L07B	SWITCH	2	
S7516.17	EVQ11L07B	SWITCH	2	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T4001	EQQ70F025P	TRANSFORMER	1	
T4002	EQQ70F028P	TRANSFORMER	1	
T7301	EQR70Q028P	TRANSFORMER	1	
▲ TU7801	ENG47295G1	TUNER	1	[SUPPLIED FROM MBV]
▲ TU7801	ENG47294G1	TUNER (For EURO-1 Version)	1	[SUPPLIED FROM MBV]
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
VR3012.13	EVNCYAA03B53	V. RESISTOR 5K	2	
VR7303	EVNCBAA00B23	V. RESISTOR	1	
X0701	VLF1416	FILTER	1	[SUPPLIED FROM MBV]
X0703	EFCT9R5MW5	FILTER	1	
X0704	VLF1368	FILTER	1	[SUPPLIED FROM MBV]
X3001	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0830	CRYSTAL OSCILLATOR	1	
X6002	VSX0860	CRYSTAL OSCILLATOR	1	
X7301	EFCS5R5MS5	FILTER	1	
X7302	EFCS5R74MS5B	CRYSTAL OSCILLATOR	1	
X7305	VSX0848	CRYSTAL OSCILLATOR	1	
X7701	VSX1043	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VXQ0848	FIP HOLDER	1	
	VMP5897	CONNECTING ANGLE	1	FOR TV DEMODULATOR C. B. A.
	VMP4894	SUPPORT ANGLE	1	FOR DECODER PACK C. B. A.
	VMP4894	SUPPORT ANGLE	1	FOR OSD C. B. A.
■ VEPO6C80H		MAIN C. B. A.		[SUPPLIED FROM MBV] (RTL) NV-HD645B
C0701-03	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	3	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0705	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707.08	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JVP	G. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA220	E. CAPACITOR 18V 22U	1	
C0712	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0714	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA470	E. CAPACITOR 18V 47U	1	
C0717	ECUX1H270JVP	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKS47	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H430JCV	C. CAPACITOR CH 50V 43P	1	[SUPPLIED FROM MBV]
C0720	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0722	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0724	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0726	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0729	ECEA1CKA100	E. CAPACITOR 18V 10U	1	
C0730	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECEA1KA0220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECEA1GGE470	E. CAPACITOR 18V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C1006.07	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C1008	ECA1CAK470X	E. CAPACITOR 18V 47U	1	
C1010	ECA1CAK470X	E. CAPACITOR 18V 47U	1	
C1011	ECEA1CKA100	E. CAPACITOR 18V 10U	1	
C1201	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C1202	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1203	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C1204	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1205-07	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C1208	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C2502	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2504	ECEA1EGE470	E. CAPACITOR 25V 47U	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	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2512	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2514	ECEA1CKA100	E. CAPACITOR 18V 10U	1	
C2516	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C2517	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C2518	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C2519	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2520	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2521	ECEA1EKA470	E. CAPACITOR 25V 47U	1	
C2522	ECUM1E683KBN	C. CAPACITOR CH 25V 0.068U	1	
C2523-25	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C2526	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2535.36	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3002.03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C3004	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3005	ECUM1H880JCN	C. CAPACITOR CH 50V 88P	1	
C3007	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3011	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3012.13	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C3014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3016	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3017	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3018	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3019	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3021	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
C3024	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C3025	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3026	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3029	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3031	ECEA1HKA47	E. CAPACITOR 50V 0.47U	1	
C3032-34	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	3	
C3035	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3036	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C3037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3038	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C3039	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C3040	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CKA100	E. CAPACITOR 18V 10U	1	
C3042	ECUM1H580JCN	C. CAPACITOR CH 50V 58P	1	
C3043	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3047	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C3048	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C3049	ECUM1H8B1JCN	C. CAPACITOR CH 50V 880P	1	
C3050	ECUM1H680JCN	C. CAPACITOR CH 50V 88P	1	
C3051	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3054, 55	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C3056	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3059	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3080	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4001	ECEA1HKND10	E. CAPACITOR 50V 1U	1	
C4002	ECQB1H822JF	P. CAPACITOR 50V 8200P	1	
C4003	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4006	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C4007	ECUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4008	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4010, 11	ECUM1H153KBN	C. CAPACITOR CH 50V 0.15U	2	
C4012	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4013	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4014	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C4015	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C4016, 17	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	2	
C4018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4019	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4020-25	ECA1HAKR22X	E. CAPACITOR 50V 0.22U	8	[SUPPLIED FROM MBV]
C4026, 27	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	2	
C4030	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4031	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4032	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4033	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4034	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4035	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4037	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4038	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4039	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4040	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	1	[SUPPLIED FROM MBV]
C4041	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4042	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4043	ECQB1H272JF	P. CAPACITOR 50V 2700P	1	
C4045	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4046-48	ECA1CAK100X	E. CAPACITOR 16V 10U	3	
C4049	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4050	ECEA1HKAR22	E. CAPACITOR 50V 0.22U	1	
C4051	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4052-55	ECA1CAK100X	E. CAPACITOR 16V 10U	4	
C4060, 81	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C4062	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C4068	ECQV1H154JM	P. CAPACITOR 50V 0.15U	1	
C4070	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4072	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C4073	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C4075	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C4076	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4077	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C4078	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4079	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4080	ECEA1KA220	E. CAPACITOR 10V 22U	1	
C4906	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4907	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4908	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4909	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4912-15	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	4	
C4916	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4917	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4918	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4919	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4920	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4921	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C4922	ECUM1C105ZFN	C. CAPACITOR CH 18V 1U	1	
C4923	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4925	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4928	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C4929, 30	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4931	ECEA1KA470	E. CAPACITOR 10V 47U	1	
C4933-36	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	4	
C4937, 38	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C8001	ECUM1C105ZFN	C. CAPACITOR CH 18V 1U	1	
C8002	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8003	ECUM1H200JCN	C. CAPACITOR CH 50V 20P	1	
C8004	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C8005	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8007	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C8008	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C8011	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C8012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8013	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C8018	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8019	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C8020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C8021	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C8022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C8024	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7301	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7302	VCEAOJAW101	E. CAPACITOR 6.3V 100U	1	
C7303	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7304	VCEAOJAW101	E. CAPACITOR 6.3V 100U	1	
C7307	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7308	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C7311	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
C7312, 13	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2	
C7315	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7316	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7317	VCEA1CAW100	E. CAPACITOR 16V 10U	1	
C7318	VCEAOJAW470	E. CAPACITOR 6.3V 47U	1	
C7319, 20	VCEA1CAW100	E. CAPACITOR 16V 10U	2	
C7321	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7322, 23	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C7324-26	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	3	
C7327	ECUM1C334KBN	C. CAPACITOR CH 16V 0.33U	1	
C7328	ECUM1E333KBN	C. CAPACITOR CH 50V 0.033U	1	
C7329	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1	
C7330	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7514	VGE0073	SUPER CAPACITOR	1	
C7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7519	ECUM1E683KBN	C. CAPACITOR CH 25V 0.068U	1	
C7601	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7602	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7603	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7605, 06	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C7607	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7609	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7610	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7617	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7618, 19	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C7620, 21	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	2	[SUPPLIED FROM MBV]
C7701, 02	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2	
C7705	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7708	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	
C7709	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7711	ECUX1A105ZFY	C. CAPACITOR CH 10V 1U	1	
C7712, 13	ECUX1H103ZFY	C. CAPACITOR CH 50V 0.01U	2	
C7714	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7715	ECUX1A105ZFY	C. CAPACITOR CH 10V 1U	1	
C7716	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7717	ECUX1A105ZFY	C. CAPACITOR CH 10V 1U	1	
C7718	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7720	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7721	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7722, 23	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2	
C7724	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C7728	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7729	ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7730	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C7732, 33	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C7735, 36	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	2	
C7738	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	1	
C7740	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7743	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
C7745	ECUX1C104ZVF	C. CAPACITOR CH 16V 0.1U	1	
C7746	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7746, 50	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	2	
C7752	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7753-55	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	3	
C7801	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7802	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C7803	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
D1003	1SS254	DIODE	1	
D1004	MA4051-M	DIODE	1	
D1005	1SS254	DIODE	1	
D1008	MA4120-M	DIODE	1	
D1009	MA4051-M	DIODE	1	
D1010	1SS254	DIODE	1	
D1011, 12	11ES1	DIODE	2	
D1013	MA723VT	DIODE	1	
D1015, 16	1SS254	DIODE	2	
D1017	MA4120N-M	DIODE	1	[SUPPLIED FROM MBV]
D1018	1SS254	DIODE	1	
D1501	S1R505STA47	DIODE	1	
D2502	1SS254	DIODE	1	
D2504, 05	1SS254	DIODE	2	
D3001	1SS254	DIODE	1	
D4001	1SS254	DIODE	1	
D4903	1SS254	DIODE	1	
D4905, 06	MA4075-M	DIODE	2	
D4907	MA4056N-M	DIODE	1	[SUPPLIED FROM MBV]
D4908	MA700	DIODE	1	
D6001, 02	MA700	DIODE	2	
D7302	BB135	DIODE	1	[SUPPLIED FROM MBV]
D7521	MA4220	DIODE	1	
D7523	MA723VT	DIODE	1	
D7601	MA4300M	DIODE	1	
D7603, 04	1SS254	DIODE	2	
D7701	1SS355	DIODE	1	
D7702	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
D7801	MA4051-M	DIODE	1	
D7802	1SS254	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
FL7301	VLF0633	FILTER	1	
IC0701	LA7576	IC	1	[SUPPLIED FROM MBV]
IC1001	P020VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPC1093J	IC	1	[SUPPLIED FROM MBV]
IC1501, 02	RP1354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3811NK	IC	1	
IC3001	TDA9735HV2	IC	1	[SUPPLIED FROM MBV]
IC4001	TDA9815H	IC	1	[SUPPLIED FROM MBV]
IC4002	NJM4558M	IC	1	
IC4901, 02	MC14053BF	IC	2	[SUPPLIED FROM MBV]
IC4904	MC14052BF	IC	1	[SUPPLIED FROM MBV]
IC6001	M37777VFDU	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	
IC7504	PNA4611W02VT	IR RECEIVER UNIT	1	[SUPPLIED FROM MBV]
IC7505	RN5VD28AA	IC	1	[SUPPLIED FROM MBV]
IC7701	M35063WVAW	IC	1	[SUPPLIED FROM MBV]
IC7703	M30622VGDY	IC	1	[SUPPLIED FROM MBV]
IC7801	M24C16-WBNG	IC	1	[SUPPLIED FROM MBV]
IP1001	UNH000300A	IC PROTECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IP1201, 02	UNH000300A	IC PROTECTOR	2	
IP7801	VSF0015A025	IC PROTECTOR	1	[SUPPLIED FROM MBV]
IP7801	UNH000300A	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4903	VJS3634	21-PIN SCART JACK	1	[SUPPLIED FROM MBV]
K0702	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
K0704-08	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	3	
K4001	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
K4005, 06	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K4009	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4012	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K6002	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	
K7709	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
L0701	ELJFAR15JB	COIL 0.15UH	1	[SUPPLIED FROM MBV]
L0705	ELJFA4R7JB	COIL 4.7UH	1	[SUPPLIED FROM MBV]
L0706	VLQEL05SBR2K	COIL 8.2UH	1	
L2502	VLQ0599J101	COIL 100UH	1	
L2503	VLQ0599J880	COIL 68UH	1	
L3001	VLQ0599J220	COIL 22UH	1	
L3003-08	VLQ0599J100	COIL 10UH	6	
L3009	VLQ0599J390	COIL 39UH	1	
L3010	VLQ0599J580	COIL 58UH	1	
L4001	ELELN153JA	INDUCTOR	1	[SUPPLIED FROM MBV]
L4006, 07	VLQ0599J880	COIL 68UH	2	
L4904	VLQ0599J330	COIL 33UH	1	
L6001	VLQ0599J221	COIL 220UH	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	
L7604	ELESE330KA	COIL 33UH	1	
L7605	ELESE680KA	INDUCTOR 68UH	1	
L7609	VLQ0599J100	COIL 10UH	1	
L7701, 02	ELESE390KA	INDUCTOR 39UH	2	
L7704	ELESE390KA	INDUCTOR 39UH	1	
L7706, 07	ELESE100KA	INDUCTOR 10UH	2	
L7708	ELESE390KA	INDUCTOR 39UH	1	
LB3001, 02	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
LB4901-08	VLP0147	COIL	8	
LB4909	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
LB4910	VLP0125	COIL	1	
LB4915	VLP0125	COIL	1	
LB7301-04	VLP0150	COIL	4	
LB7601	VLP0125	COIL	1	
LB7701	ERJ6GEYOR00	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	
P4002	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4003	VJS3537A006G	CONNECTOR (FEMALE) 6P	1	
P7502	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
PK0701	VJR0818E010W	CONNECTOR (MALE) 10P	1	
PK7301	VJR0777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK7701, 02	VJR0777B015W	CONNECTOR (MALE) 15P	2	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
Q0701	MSD801-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR-RESISTOR	1	
Q1001	2SD801A	TRANSISTOR	1	
Q1002	2SD602A	TRANSISTOR	1	
Q1003	2SD1986-S	TRANSISTOR	1	
Q1004	2SB710A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q1005	2SD25440PQA	TRANSISTOR	1	
Q1006	2SD1966-S	TRANSISTOR	1	
Q1007	2SD802A-R	TRANSISTOR	1	
Q1008	2SD601A	TRANSISTOR	1	
Q1009	2SD1996-S	TRANSISTOR	1	
Q1201	2SD2259	TRANSISTOR	1	
Q1202	2SD1996-S	TRANSISTOR	1	
Q1501	PNB2301MBV	TRANSISTOR	1	
Q1502	PNB2301MAV	TRANSISTOR	1	
Q3003	2SB709A	TRANSISTOR	1	
Q4001	2SD1149	TRANSISTOR	1	
Q4002	2SD601A	TRANSISTOR	1	
Q4004	2SB710-R	TRANSISTOR	1	
Q4005	2SD802A-R	TRANSISTOR	1	
Q4006	2SB710-R	TRANSISTOR	1	
Q4007	2SD802A-R	TRANSISTOR	1	
Q4903, 04	2SD601A	TRANSISTOR	2	
Q4905	2SD1328-S	TRANSISTOR	1	
Q4906	2SB709A	TRANSISTOR	1	
Q4907	2SD601A	TRANSISTOR	1	
Q4909	2SB709A	TRANSISTOR	1	
Q4909	2SD601A	TRANSISTOR	1	
Q4911	2SB709A	TRANSISTOR	1	
Q7501	2SB709A	TRANSISTOR	1	
Q7502	2SD1984	TRANSISTOR	1	
Q7601	2SD601A	TRANSISTOR	1	
Q7602-04	2SD1328-S	TRANSISTOR	3	
Q7605	2SB709A	TRANSISTOR	1	
Q7606	2SD1328-S	TRANSISTOR	1	
Q7701	2SD1819A	TRANSISTOR	1	
Q7702	2SB1218A	TRANSISTOR	1	
Q7703, 04	2SD1819A	TRANSISTOR	2	
Q7706, 07	2SB1218A	TRANSISTOR	2	
Q7708	2SD1819A	TRANSISTOR	1	
Q7709	2SB1218A	TRANSISTOR	1	
Q7710-12	2SD1819A	TRANSISTOR	3	
Q7801	2SD1996-S	TRANSISTOR	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
QR1002	MUN2213	TRANSISTOR-RESISTOR	1	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR1005	MUN2213	TRANSISTOR-RESISTOR	1	
QR1006	MUN2112	TRANSISTOR-RESISTOR	1	
QR2504	MUN2213	TRANSISTOR-RESISTOR	1	
QR3001-03	MUN2213	TRANSISTOR-RESISTOR	3	
QR3006, 07	MUN2212	TRANSISTOR-RESISTOR	2	
QR4001	UN2217	TRANSISTOR-RESISTOR	1	
QR4002	MUN2113	TRANSISTOR-RESISTOR	1	
QR4003, 04	MUN2212	TRANSISTOR-RESISTOR	2	
QR4006	MUN2111	TRANSISTOR-RESISTOR	1	
QR4007, 08	UN2215	TRANSISTOR	2	
QR4901	MUN2212	TRANSISTOR-RESISTOR	1	
QR4902	MUN2111	TRANSISTOR-RESISTOR	1	
QR4903	MUN2212	TRANSISTOR-RESISTOR	1	
QR4904	MUN2211	TRANSISTOR-RESISTOR	1	
QR4905	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1	
QR6003, 04	MUN2212	TRANSISTOR-RESISTOR	2	
QR7703	UN5213	TRANSISTOR-RESISTOR	1	
R0702	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R0703	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
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	ERJ3GEYJ154	M. RESISTOR CH 1/16W 150K	1	
R0713	ERJ3GEYJ301	M. RESISTOR CH 1/16W 300	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ432	M. RESISTOR CH 1/16W 4.3K	1	
R0716	VRE0040E151	CHIP RESISTOR	1	
R0717	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
R0718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R0719	ERJ3GEYJ752	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	
R0723	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R0724	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0725	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R0726	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	1	
R0727	ERJ3GEYJ162	M. RESISTOR CH 1/16W 1.6K	1	[SUPPLIED FROM MBV]
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	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R1003, 04	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	2	
R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R1006	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R1007, 08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
R1009, 10	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R1011	ERJ6GMYG823	M. RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	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	
R1018, 17	ERJ6GMYJ563	M. RESISTOR CH 1/10W 56K	2	
R1018, 19	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R1022	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYJ123	M. RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1025, 26	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R1027	ERDS2TJ123	C. RESISTOR 1/4W 12K	1	
R1201, 02	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	
R1203	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R2501	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
R2502	ERJ6GMYZ0R00	M. RESISTOR CH 1/10W 0	1	
R2503	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2504	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2505	ERJ6GMYJ382	M. RESISTOR CH 1/10W 3.8K	1	
R2506, 07	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2508	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2509, 10	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R2511	ERJ6GMYG433	M. RESISTOR CH 1/10W 43K	1	
R2513	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270	1	
R2514	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2515, 16	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R2517	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1	
R2518	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1	
R2519	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R2532	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3001	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1	
R3002	ERJ6GMYG301	M. RESISTOR CH 1/10W 300	1	
R3003	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R3004, 05	ERJ6GMYJ221	M. RESISTOR CH 1/10W 22K	2	
R3006	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R3008	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3009	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R3010	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R3011, 12	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R3020	ERJ6GMYZ0R00	M. RESISTOR CH 1/10W 0	1	
R3021	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1	
R3022	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R3023	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3024	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3025	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3027	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3028	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1	
R3029	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R3030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R3031	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R3032	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R3033	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R3034	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1	
R3035	ERJ6GMYJ271	M. RESISTOR CH 1/10W 270	1	
R3038	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3040	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R3041	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3042	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4001	ERJ6GMYG334	M. RESISTOR CH 1/10W 330K	1	
R4002	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4004	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4005	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1	
R4006	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4007	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4008	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4009	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1	
R4010	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R4011	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R4012	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R4014	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R4015	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1	
R4018	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R4020	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4021	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4022	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4023	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4024	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4025	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4026	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4027	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4028	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4029	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4030	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R4031	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1	
R4036	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4037	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4038, 39	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R4040, 41	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R4042	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4043	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4044	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R4045	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4046	ERJ6RBD383	M. RESISTOR CH 1/10W 39K	1	[SUPPLIED FROM MBV]
R4047	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4048	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R4049	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4050	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4051-54	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	4	
R4055	ERJ6GEYJ335	M. RESISTOR CH 1/10W 3.3M	1	
R4056	ERJ6GMYJ122	M. RESISTOR CH 1/10W 1.2K	1	
R4057	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R4058	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R4060	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4061	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4062	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4063	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4064	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4065	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4066, 67	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	2	
R4068	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4069, 70	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R4071	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4072	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R4909	ERJ6GMYJ582	M. RESISTOR CH 1/10W 5.8K	1	
R4910	ERJ6GMYJ911	M. RESISTOR CH 1/10W 910	1	
R4911	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R4912	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4913	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4915	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4921	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4923	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4924, 25	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R4926, 27	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	2	
R4928, 29	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R4930	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4933	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4937	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4938	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4939	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4940	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R4941	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4943	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4944	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4945	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4946	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R4947	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4949	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4950	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4953	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R4955	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R4956, 57	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R4961	ERDS2TJ392	C. RESISTOR 1/4W 3.9K	1	
R4962	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R6001	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R6003	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6005	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6006	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6007	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6008, 09	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	2	
R6010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R6011	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6012, 13	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R6015, 16	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	2	
R6017	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R6018	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R6019	ERJ6GMYK106	M. RESISTOR CH 1/10W 10M	1	
R6020	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R6022	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R6027	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6031	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6032	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R6033	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6034	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6035	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6036-38	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	3	
R6040	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6063	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R7302	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
R7305, 06	ERJ6GEYJ101	M. RESISTOR CH 1/10W 100	2	
R7316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7318	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7324	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7325	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7326	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7327	ERJ3GEYJ822	M. RESISTOR CH 1/16W 8.2K	1	
R7328, 29	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R7501	ERDS2TJ5R8	C. RESISTOR 1/4W 5.6	1	
R7502, 03	ERJ6GMYJ202	M. RESISTOR CH 1/10W 2K	2	
R7504	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7505	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7506-08	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	3	
R7509	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7510	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7511	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7512	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7514	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7515	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R7516	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7517	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7520, 21	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R7523-25	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	3	
R7527	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1	
R7528	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7529	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R7531, 32	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	2	
R7533	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	1	
R7534	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R7535	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7536	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7555	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7556	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7601_02	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2		X0701	VLF1417	FILTER	1	[SUPPLIED FROM MBV]
R7603	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1		X0702	VLF1281	FILTER	1	[SUPPLIED FROM MBV]
R7608_07	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2		X0703	EFC16M65MW3B	FILTER	1	
R7608_09	ER62SJ331	M. RESISTOR 2W 330	2		X0704	VLF1313	FILTER	1	
R7610	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1		X3001	VSX0162	CRYSTAL OSCILLATOR	1	
R7611_12	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2		X6001	VSX0830	CRYSTAL OSCILLATOR	1	
R7613	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1		X6002	VSX0860	CRYSTAL OSCILLATOR	1	
R7614	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	1		X7302	VSX0953	CRYSTAL OSCILLATOR	1	
R7615	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1		X7701	VSX1043	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
R7616	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1						
R7617	ER0S2TJ471	C. RESISTOR 1/4W 470	1				MISCELLANEOUS		
R7620	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1		VX00648		FIP HOLDER	1	
R7621	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1		VMP5897		CONNECTING ANGLE	1	FOR TV DEMODULATOR C. B. A.
R7622_23	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2		VSC4753		SHIELD CASE (BOTTOM)	1	FOR NIGAM DECODER C. B. A.
R7705	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		VSC4752		SHIELD CASE (MAIN)	1	FOR NIGAM DECODER C. B. A.
R7707	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1		VMP4894		SUPPORT ANGLE	1	FOR OSD C. B. A.
R7708-10	ERJ3GEYJ511	M. RESISTOR CH 1/16W 510	3						
R7711	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1						
R7712	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1						
R7713	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1		■ VEPO6C80J		MAIN C. B. A.		[SUPPLIED FROM MBV]
R7714	ERJ3GEY0153	M. RESISTOR CH 1/16W 15K	1						(RTL)
R7715	ERJ3GEY0152	M. RESISTOR CH 1/16W 1.5K	1		■ VEPO6D11E		MAIN C. B. A.		[SUPPLIED FROM MBV]
R7716	ERJ3GEY0562	M. RESISTOR CH 1/16W 5.6K	1				(For EURO-1 Version)		(RTL)
R7717	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1						NV-HD645EC
R7718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1		C0701-03	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	3	
R7720	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1		C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
R7721	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1		C0705	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
R7725	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1		C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
R7727	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1		C0707_08	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	2	
R7728	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1		C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
R7728	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1		C0710	ECUX1H470JPV	C. CAPACITOR CH 50V 47P	1	
R7730	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1		C0711	ECEA1CKA220	E. CAPACITOR 18V 22U	1	
R7731	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1		C0712	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
R7732	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1		C0714	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
R7733	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1		C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
R7734	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1		C0716	ECEA1CKA470	E. CAPACITOR 18V 47U	1	
R7735	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1		C0717	ECUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
R7738	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1		C0718	ECEA1HKSR47	E. CAPACITOR 50V 0.47U	1	
R7737	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1		C0719	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
R7738	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1		C0720	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
R7739	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1		C0722	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
R7740	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1		C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
R7741-44	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4		C0724	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
R7746-52	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	7		C0726	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
R7753	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1		C0729	ECEA1CKA100	E. CAPACITOR 18V 10U	1	
R7754-57	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4		C0730	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
R7759	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1		C0732	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	1	
R7780	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1		C1001	ECEA1AK3220	E. CAPACITOR 10V 22U	1	[SUPPLIED FROM MBV]
R7781	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1		C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
R7782-67	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	6		C1003	ECEA1CGE470	E. CAPACITOR 18V 47U	1	
R7770	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1		C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
R7771-78	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8		C1005	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
R7784_85	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	2		C1008_07	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
R7792-99	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8		C1009	ECA1CAK470X	E. CAPACITOR 18V 47U	1	
R7801	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1		C1010	ECA1CAK470X	E. CAPACITOR 18V 47U	1	
R7802	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1		C1011	ECEA1CKA100	E. CAPACITOR 18V 10U	1	
R7803	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		C1201	ECEADJKA101	E. CAPACITOR 6.3V 100U	1	
S1501	VSS0520-3	MODE SELECT SWITCH	1	[SUPPLIED FROM MBV]	C1202	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
S7503_04	EVQ11L07B	SWITCH	2		C1203	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
S7505	VES0834	S-TAB SWITCH	1		C1204	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
S7506_07	EVQ11L07B	SWITCH	2		C1205-07	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
S7509_10	EVQ11L07B	SWITCH	2		C1208	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
S7516_17	EVQ11L07B	SWITCH	2		C1501	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
T0703	EQV5ECO71A	TRANSFORMER	1		C2502	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
T0704	EQV5ECO72A	TRANSFORMER	1		C2504	ECEA1EGE470	E. CAPACITOR 25V 47U	1	
T0711	EQS5ECO32A	TRANSFORMER	1		C2505	ECEADJKA470	E. CAPACITOR 6.3V 47U	1	
T4001	EQQ70F025P	TRANSFORMER	1		C2506	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	1	
T4002	EQQ70F026P	TRANSFORMER	1		C2507-10	ECUM1H583ZFN	C. CAPACITOR CH 50V 0.058U	4	
▲ TU7601	ENG47296G1	TUNER	1	[SUPPLIED FROM MBV]	C2511	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1		C2512	ECEADJKA221	E. CAPACITOR 6.3V 220U	1	
VR3012_13	EVNCYAA03B53	V. RESISTOR 5K	2		C2513	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
					C2514	ECEA1CKA100	E. CAPACITOR 18V 10U	1	
					C2516	ECEADJKA221	E. CAPACITOR 6.3V 220U	1	
					C2517	ECEADJKA470	E. CAPACITOR 6.3V 47U	1	
					C2518	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2519	ECUM1H104ZF	C. CAPACITOR CH 50V 0.1U	1	
C2520	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2521	ECEA1EKA470	E. CAPACITOR 25V 47U	1	
C2522	ECUM1E083KBN	C. CAPACITOR CH 25V 0.088U	1	
C2523-25	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	3	
C2526	ECEA1VKN4R7	E. CAPACITOR 35V 4.7U	1	
C2535, 36	ECUM1H104ZF	C. CAPACITOR CH 50V 0.1U	2	
C3002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C3004	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3005	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3007	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3011	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3012, 13	ECUM1H104ZF	C. CAPACITOR CH 50V 0.1U	2	
C3014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3015	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C3016	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3017	ECUM1H104ZF	C. CAPACITOR CH 50V 0.1U	1	
C3018	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C3019	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3020	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3021	ERJ98MZ0R00	M. RESISTOR CH 1/10W 0	0	
C3024	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3025	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C3026	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3029	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3030	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C3031	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	
C3032-34	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	3	
C3035	ECUM1H104ZF	C. CAPACITOR CH 50V 0.1U	1	
C3036	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3037	ECUM1H104ZF	C. CAPACITOR CH 50V 0.1U	1	
C3038	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C3039	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C3040	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C3041	ECEA1CAK100	E. CAPACITOR 16V 10U	1	
C3042	ECUM1H580JCN	C. CAPACITOR CH 50V 58P	1	
C3043	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3044	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C3045	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3046	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3047	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C3048	ECUM1H580JCN	C. CAPACITOR CH 50V 58P	1	
C3049	ECUM1H881JCN	C. CAPACITOR CH 50V 880P	1	
C3050	ECUM1H880JCN	C. CAPACITOR CH 50V 88P	1	
C3051	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3054, 55	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C3056	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C3059	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C3060	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4001	ECEA1HKND10	E. CAPACITOR 50V 1U	1	
C4002	EG0B1H822JF	P. CAPACITOR 50V 8200P	1	
C4003	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4004	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C4005	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4006	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C4007	ECUM1H122JCN	C. CAPACITOR CH 50V 1200P	1	[SUPPLIED FROM MBV]
C4008	EG0V1H104JM	P. CAPACITOR 50V 0.1U	1	
C4010, 11	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	2	
C4012	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C4013	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C4014	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C4015	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C4016, 17	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	2	
C4018	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4019	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C4020-25	ECA1HAKR22X	E. CAPACITOR 50V 0.22U	6	[SUPPLIED FROM MBV]
C4026, 27	ECEA1HKNR47	E. CAPACITOR 50V 0.47U	2	
C4030	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4031	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4032	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4033	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4034	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4035	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4037	EG0B1H272JF	P. CAPACITOR 50V 2700P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4038	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4039	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4040	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	1	[SUPPLIED FROM MBV]
C4041	ECA1CAK100X	E. CAPACITOR 16V 10U	1	
C4042	ECA1CAK470X	E. CAPACITOR 16V 47U	1	
C4043	EG0B1H272JF	P. CAPACITOR 50V 2700P	1	
C4045	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4046-48	ECA1CAK100X	E. CAPACITOR 16V 10U	3	
C4049	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4050	ECEA1HKAR22	E. CAPACITOR 50V 0.22U	1	
C4051	ECEA1CAK100	E. CAPACITOR 16V 10U	1	
C4052-55	ECA1CAK100X	E. CAPACITOR 16V 10U	4	
C4060, 61	ECEA1CAK100	E. CAPACITOR 16V 10U	2	
C4062	EG0V1H104JM	P. CAPACITOR 50V 0.1U	1	
C4068	EG0V1H154JM	P. CAPACITOR 50V 0.15U	1	
C4070	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4072	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C4073	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4074	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C4075	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C4076	EG0B1H223JF	P. CAPACITOR 50V 0.022U	1	
C4077	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C4078	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C4079	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4080	ECEA1AKA220	E. CAPACITOR 10V 22U	1	
C4906	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4907	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4908	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4909	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4912-15	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	4	
C4916	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4917	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4918	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C4919	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	1	
C4920	ECEA1CAK100	E. CAPACITOR 16V 10U	1	
C4921	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C4922	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4923	ECEA1CAK100	E. CAPACITOR 16V 10U	1	
C4925	ECEA1GKA470	E. CAPACITOR 16V 47U	1	
C4928	ECEA1CAK220	E. CAPACITOR 16V 22U	1	
C4929, 30	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C4931	ECEA1AKA470	E. CAPACITOR 10V 47U	1	
C4933-38	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	4	
C4937, 38	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C8001	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C8002	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8003	ECUM1H200JCN	C. CAPACITOR CH 50V 20P	1	
C8004	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C8005	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C8007	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C8009	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C8011	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C8012	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8013	ECEA1CAK100	E. CAPACITOR 16V 10U	1	
C8018	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C8019	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C8020	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C8021	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C8022, 23	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C8024	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7301	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7302	VCEA0JAW101	E. CAPACITOR 6.3V 100U	1	
C7303	ECUX1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7304	VCEA0JAW101	E. CAPACITOR 6.3V 100U	1	
C7307	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7308	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C7311	ERJ36EY0R00	M. RESISTOR CH 1/16W 0	1	
C7312, 13	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	2	
C7315	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7316	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7317	VCEA1CAW100	E. CAPACITOR 16V 10U	1	
C7318	VCEA0JAW470	E. CAPACITOR 6.3V 47U	1	
C7319, 20	VCEA1CAW100	E. CAPACITOR 16V 10U	2	
C7321	ECUX1C104ZFN	C. CAPACITOR CH 16V 0.1U	1	
C7322, 23	ECUX1H103KBN	C. CAPACITOR CH 50V 0.01U	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7324-26	ECUX1C104ZV	C. CAPACITOR CH 18V 0.1U	3	
C7327	ECUMIC334KBN	C. CAPACITOR CH 18V 0.33U	1	
C7328	ECUMIE333KBN	C. CAPACITOR CH 50V 0.033U	1	
C7329	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1	
C7330	ECUX1H300JCV	C. CAPACITOR CH 50V 39P	1	
C7501	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7502	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C7508, 09	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7513	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7514	VCE0073	SUPER CAPACITOR	1	
C7515	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7518	ECUMIE683KBN	C. CAPACITOR CH 25V 0.088U	1	
C7801	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7802	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7803	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7805, 06	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C7807	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7809	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7810	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7816	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7817	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C7818, 19	ECUMIE104KBN	C. CAPACITOR CH 25V 0.1U	2	
C7820, 21	ECA1HAK2R2X	E. CAPACITOR 50V 2.2U	2	[SUPPLIED FROM MBV]
C7701, 02	ECUX1C104ZV	C. CAPACITOR CH 18V 0.1U	2	
C7705	ECUX1C104ZV	C. CAPACITOR CH 18V 0.1U	1	
C7708	ECUX1C104ZV	C. CAPACITOR CH 18V 0.1U	1	
C7709	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7711	ECUX1A105ZV	C. CAPACITOR CH 10V 1U	1	
C7712, 13	ECUX1H103ZV	C. CAPACITOR CH 50V 0.01U	2	
C7714	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C7715	ECUX1A105ZV	C. CAPACITOR CH 10V 1U	1	
C7716	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7717	ECUX1A105ZV	C. CAPACITOR CH 10V 1U	1	
C7718	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	1	
C7720	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7721	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7722, 23	ECUX1C104ZV	C. CAPACITOR CH 18V 0.1U	2	
C7724	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C7726	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C7728	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7729	ECUX1C104ZV	C. CAPACITOR CH 18V 0.1U	1	
C7730	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7731	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C7732, 33	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C7735, 36	ECUX1C104ZV	C. CAPACITOR CH 18V 0.1U	2	
C7739	ECUX1C104ZV	C. CAPACITOR CH 18V 0.1U	1	
C7740	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7743	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 1	
C7745	ECUX1C104ZV	C. CAPACITOR CH 18V 0.1U	1	
C7746	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
C7749, 50	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	2	
C7752	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7753-55	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	3	
C7801	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7802	ECEAOJKA220	E. CAPACITOR 6.3V 22U	1	
C7803	ECEAOJKA470	E. CAPACITOR 6.3V 47U	1	
C7804	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
D1003	1SS254	DIODE	1	
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	MA723VT	DIODE	1	
D1015, 16	1SS254	DIODE	2	
D1017	MA4120N-M	DIODE	1	[SUPPLIED FROM MBV]
D1018	1SS254	DIODE	1	
D1501	S1R505STA47	DIODE	1	
D2502	1SS254	DIODE	1	
D2504, 05	1SS254	DIODE	2	
D3001	1SS254	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D4001	1SS254	DIODE	1	
D4903	1SS254	DIODE	1	
D4905, 08	MA4075-M	DIODE	2	
D4907	MA4056N-M	DIODE	1	[SUPPLIED FROM MBV]
D4908	MA700	DIODE	1	
D6001, 02	MA700	DIODE	2	
D7302	BB135	DIODE	1	[SUPPLIED FROM MBV]
D7521	MA4220	DIODE	1	
D7523	MA723VT	DIODE	1	
D7801	MA4300M	DIODE	1	
D7803, 04	1SS254	DIODE	2	
D7701	1SS355	DIODE	1	
D7702	ERJ8GEYOR00	M. RESISTOR CH 1/10W	0 1	
D7801	MA4051-M	DIODE	1	
D7802	1SS254	DIODE	1	
DP7501	VSL0505	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
FL7301	VLFO633	FILTER	1	
IC0701	LA7578	IC	1	[SUPPLIED FROM MBV]
IC1001	PQ20VB2E	IC	1	[SUPPLIED FROM MBV]
IC1201	UPC1093J	IC	1	[SUPPLIED FROM MBV]
IC1501, 02	RP1354N	IC	2	
IC2501	NJM2904M	IC	1	
IC2502	AN3811NK	IC	1	
IC3001	TA9735HV2	IC	1	[SUPPLIED FROM MBV]
IC4001	TA9815H	IC	1	[SUPPLIED FROM MBV]
IC4002	NJM4558M	IC	1	
IC4901, 02	MC14053BF	IC	2	[SUPPLIED FROM MBV]
IC4904	MC14052BF	IC	1	[SUPPLIED FROM MBV]
IC6001	M3777VFDU	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	
IC7504	PNA611M02VT	IR RECEIVER UNIT	1	[SUPPLIED FROM MBV]
IC7505	RN5V28AA	IC	1	[SUPPLIED FROM MBV]
IC7701	M35063MVAW	IC	1	[SUPPLIED FROM MBV]
IC7703	M30822VGDV	IC	1	[SUPPLIED FROM MBV]
IC7801	M24C16-WBNG	IC	1	[SUPPLIED FROM MBV]
△ IP1001	UNH000300A	IC PROTECTOR	1	
△ IP1201, 02	UNH000300A	IC PROTECTOR	2	
△ IP7801	VSF0015A025	IC PROTECTOR	1	[SUPPLIED FROM MBV]
△ IP7801	UNH000300A	IC PROTECTOR	1	
JK4901	VJJ0377	RCA JACK	1	
JK4903	VJS3634	21-PIN 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	
K4001	ERJ8GEYOR00	M. RESISTOR CH 1/10W	0 1	
K4005, 06	ERJ8GMZOR00	M. RESISTOR CH 1/10W	0 2	
K4009	ERJ8GMZOR00	M. RESISTOR CH 1/10W	0 1	
K4012	ERJ8GMZOR00	M. RESISTOR CH 1/10W	0 1	
K6002	ERJ8GMZOR00	M. RESISTOR CH 1/10W	0 1	
K7301, 02	ERJ8GEYOR00	M. RESISTOR CH 1/10W	0 2	
K7304	ERJ8GEYOR00	M. RESISTOR CH 1/10W	0 1	
K7709	ERJ3GEYOR00	M. RESISTOR CH 1/16W	0 1	
L0701	ELJFAR12JB	COIL 0.12UH	1	[SUPPLIED FROM MBV]
L0705	ELJFA5R8JB	COIL 5.8UH	1	[SUPPLIED FROM MBV]
L0706	VLQEL05S150K	COIL 15UH	1	
L2502	VLQ0599J101	COIL 100UH	1	
L2503	VLQ0599J680	COIL 68UH	1	
L3001	VLQ0599J220	COIL 22UH	1	
L3003-08	VLQ0599J100	COIL 10UH	8	
L3009	VLQ0599J390	COIL 39UH	1	
L3010	VLQ0599J560	COIL 56UH	1	
L4001	ELELN153JA	INDUCTOR	1	[SUPPLIED FROM MBV]
L4006, 07	VLQ0599J680	COIL 68UH	2	
L4904	VLQ0599J330	COIL 33UH	1	
L6001	VLQ0599J221	COIL 220UH	1	
L7301	VLQ0599J3R3	COIL 3.3UH	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L7302	VLQ0599J1R0	COIL 1UH	1	
L7601	VLQ0599J330	COIL 33UH	1	
L7602	VLQ0599J2R7	COIL 2.7UH	1	
L7603	VLQ0599J330	COIL 33UH	1	
L7604	ELESE330KA	COIL 33UH	1	
L7605	ELESE880KA	INDUCTOR 88UH	1	
L7609	VLQ0599J100	COIL 10UH	1	
L7701_02	ELESE390KA	INDUCTOR 39UH	2	
L7703	ELESN270KA	INDUCTOR 27UH	1	
L7704	ELESE390KA	INDUCTOR 39UH	1	
L7706_07	ELESE100KA	INDUCTOR 10UH	2	
L7708	ELESE390KA	INDUCTOR 39UH	1	
LB3001_02	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 2	
LB4901-08	VLP0147	COIL	8	
LB4909	ERJ6GMZOR00	M. RESISTOR CH 1/10W	0 1	
LB4910	VLP0125	COIL	1	
LB4915	VLP0125	COIL	1	
LB7301-04	VLP0150	COIL	4	
LB7601	VLP0125	COIL	1	
LB7701	ERJ6GEYOR00	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	VJS3537A018G	CONNECTOR (FEMALE) 18P	1	
P4002	VJS3837A002	CONNECTOR (FEMALE) 2P	1	
P4003	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
P7502	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
PK0701	VJR0818E010W	CONNECTOR (MALE) 10P	1	
PK7301	VJR0777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK7701_02	VJR0777B015W	CONNECTOR (MALE) 15P	2	
PP0701	VJP3599A004B	CONNECTOR (MALE) 4P	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR-RESISTOR	1	
Q1001	2SD601A	TRANSISTOR	1	
Q1002	2SD602A	TRANSISTOR	1	
Q1003	2SD1996-S	TRANSISTOR	1	
Q1004	2SB710A	TRANSISTOR	1	
Q1005	2SD2544OPQA	TRANSISTOR	1	
Q1006	2SD1996-S	TRANSISTOR	1	
Q1007	2SD602A-R	TRANSISTOR	1	
Q1008	2SD601A	TRANSISTOR	1	
Q1009	2SD1996-S	TRANSISTOR	1	
Q1201	2SD2259	TRANSISTOR	1	
Q1202	2SD1996-S	TRANSISTOR	1	
Q1501	PNB2301MBV	TRANSISTOR	1	
Q1502	PNB2301MAV	TRANSISTOR	1	
Q3003	2SB709A	TRANSISTOR	1	
Q4001	2SD1149	TRANSISTOR	1	
Q4002	2SD601A	TRANSISTOR	1	
Q4004	2SB710-R	TRANSISTOR	1	
Q4005	2SD602A-R	TRANSISTOR	1	
Q4006	2SB710-R	TRANSISTOR	1	
Q4007	2SD602A-R	TRANSISTOR	1	
Q4903_04	2SD601A	TRANSISTOR	2	
Q4905	2SD1328-S	TRANSISTOR	1	
Q4906	2SB709A	TRANSISTOR	1	
Q4907	2SD601A	TRANSISTOR	1	
Q4908	2SB709A	TRANSISTOR	1	
Q4909	2SD601A	TRANSISTOR	1	
Q4911	2SB709A	TRANSISTOR	1	
Q7501	2SB709A	TRANSISTOR	1	
Q7502	2SD1894	TRANSISTOR	1	
Q7601	2SD601A	TRANSISTOR	1	
Q7602-04	2SD1328-S	TRANSISTOR	3	
Q7605	2SB709A	TRANSISTOR	1	
Q7606	2SD1328-S	TRANSISTOR	1	
Q7701	2SD1819A	TRANSISTOR	1	
Q7702	2SB1218A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q7703_04	2SD1819A	TRANSISTOR	2	
Q7708_07	2SB1218A	TRANSISTOR	2	
Q7708	2SD1819A	TRANSISTOR	1	
Q7709	2SB1218A	TRANSISTOR	1	
Q7710-12	2SD1819A	TRANSISTOR	3	
Q7801	2SD1996-S	TRANSISTOR	1	
QR1001	MUN2112	TRANSISTOR-RESISTOR	1	
QR1002	MUN2113	TRANSISTOR-RESISTOR	1	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR1005	MUN2113	TRANSISTOR-RESISTOR	1	
QR1006	MUN2112	TRANSISTOR-RESISTOR	1	
QR2504	MUN2113	TRANSISTOR-RESISTOR	1	
QR3001-03	MUN2213	TRANSISTOR-RESISTOR	3	
QR3008_07	MUN2212	TRANSISTOR-RESISTOR	2	
QR4001	UN2217	TRANSISTOR-RESISTOR	1	
QR4002	MUN2113	TRANSISTOR-RESISTOR	1	
QR4003_04	MUN2212	TRANSISTOR-RESISTOR	2	
QR4008	MUN2111	TRANSISTOR-RESISTOR	1	
QR4007_06	UN2215	TRANSISTOR	2	
QR4901	MUN2212	TRANSISTOR-RESISTOR	1	
QR4902	MUN2111	TRANSISTOR-RESISTOR	1	
QR4903	MUN2212	TRANSISTOR-RESISTOR	1	
QR4904	MUN2211	TRANSISTOR-RESISTOR	1	
QR4905	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	MUN2111	TRANSISTOR-RESISTOR	1	
QR6002	MUN2211	TRANSISTOR-RESISTOR	1	
QR6003_04	MUN2212	TRANSISTOR-RESISTOR	2	
QR7601	MUN2213	TRANSISTOR-RESISTOR	1	
QR7703	UN5213	TRANSISTOR-RESISTOR	1	
R0703	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
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	CHIP RESISTOR	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	
R0723	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R0724	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0725	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
R0726	ERJ3GEY0561	M. RESISTOR CH 1/16W 560	1	
R0727	ERJ3GEY0132	M. RESISTOR CH 1/16W 1.3K	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	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R1003_04	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	2	
R1005	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R1006	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R1007_08	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	2	
R1009_10	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R1011	ERJ6GMYG823	M. RESISTOR CH 1/10W 82K	1	
R1012	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	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	ERJ6GMYJ563	M. RESISTOR CH 1/10W 56K	2	
R1018_19	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R1022	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1023	ERJ6GMYJ123	M. RESISTOR CH 1/10W 12K	1	
R1024	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R1025_26	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R1027	ERDS2TJ123	C. RESISTOR 1/4W 12K	1	
R1201_02	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1203	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1		R4037	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R1204	ERDS2TJ102	C. RESISTOR 1/4W 1K	1		R4038_39	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R2501	ERDS2TJ391	C. RESISTOR 1/4W 390	1		R4040_41	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R2502	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		R4042	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R2503	ERDS2TJ330	C. RESISTOR 1/4W 33	1		R4043	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R2504	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1		R4044	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R2505	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1		R4045	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R2506_07	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2		R4046	ERJ6RBD393	M. RESISTOR CH 1/10W 39K	1	[SUPPLIED FROM MBV]
R2508	ERDS2TJ330	C. RESISTOR 1/4W 33	1		R4047	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R2509_10	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2		R4048	ERJ6GMYJ823	M. RESISTOR CH 1/10W 82K	1	
R2511	ERJ6GMYG433	M. RESISTOR CH 1/10W 43K	1		R4049	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R2513	ERJ6GMYJ274	M. RESISTOR CH 1/10W 270	1		R4050	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R2514	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1		R4051-54	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	4	
R2515_16	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2		R4055	ERJ6GEYJ335	M. RESISTOR CH 1/10W 3.3M	1	
R2517	ERDS1TJ1R2	C. RESISTOR 1/2W 1.2	1		R4058	ERJ6GMYJ122	M. RESISTOR CH 1/10W 1.2K	1	
R2518	ERDS1TJ1R5	C. RESISTOR 1/2W 1.5	1		R4057	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R2519	ERDS2TJ330	C. RESISTOR 1/4W 33	1		R4058	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R2532	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1		R4060	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3001	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1		R4061	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3002	ERJ6GMYG301	M. RESISTOR CH 1/10W 300	1		R4062	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3003	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1		R4063	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3004_05	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2		R4064	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R3006	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1		R4065	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3008	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1		R4066_67	ERJ6GMYJ882	M. RESISTOR CH 1/10W 6.8K	2	
R3009	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R4069	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3010	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1		R4069_70	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R3011_12	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2		R4071	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3020	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		R4072	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R3021	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1		R4909	ERJ6GMYJ582	M. RESISTOR CH 1/10W 5.8K	1	
R3022	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1		R4910	ERJ6GMYJ811	M. RESISTOR CH 1/10W 810	1	
R3023	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1		R4911	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R3024	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1		R4912	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R3025	ERJ6GMYG102	M. RESISTOR CH 1/10W 1K	1		R4913	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R3026	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1		R4915	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3027	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1		R4921	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3028	ERJ6GMYG152	M. RESISTOR CH 1/10W 1.5K	1		R4923	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3029	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1		R4924_25	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R3030	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1		R4926_27	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	2	
R3031	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1		R4928_29	ERJ6GMYJ750	M. RESISTOR CH 1/10W 75	2	
R3032	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1		R4930	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3033	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1		R4933	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3034	ERJ6GMYG681	M. RESISTOR CH 1/10W 680	1		R4937	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3035	ERJ6GMYJ271	M. RESISTOR CH 1/10W 270	1		R4938	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3036	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1		R4939	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R3040	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		R4940	ERJ6GMYJ883	M. RESISTOR CH 1/10W 88K	1	
R3041	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1		R4941	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R3042	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1		R4943	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4001	ERJ6GMYG334	M. RESISTOR CH 1/10W 330K	1		R4944	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4002	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1		R4945	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4003	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R4946	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R4004	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1		R4947	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4005	ERJ6GMYG271	M. RESISTOR CH 1/10W 270	1		R4949	ERJ6GMYJ121	M. RESISTOR CH 1/10W 120	1	
R4006	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1		R4950	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4007	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1		R4953	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R4008	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1		R4955	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R4009	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1		R4956_57	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R4010	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1		R4961	ERDS2TJ392	C. RESISTOR 1/4W 3.9K	1	
R4011	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1		R4962	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R4012	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1		R6001	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4014	ERJ6GMYJ225	M. RESISTOR CH 1/10W 2.2M	1		R6003	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4015	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1		R6005	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4016	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1		R6006	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4020	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6007	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R4021	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6008_09	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	2	
R4022	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6010	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4023	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6011	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4024	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6012_13	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R4025	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6014	ERDS2TJ181	C. RESISTOR 1/4W 180	1	
R4026	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6015_16	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	2	
R4027	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6017	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4028	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6018	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R4029	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6019	ERJ6GMYK108	M. RESISTOR CH 1/10W 10M	1	
R4030	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1		R6020	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4031	ERJ6GMYJ753	M. RESISTOR CH 1/10W 75K	1		R6021	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4036	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1		R6022	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6025	ERDS2TJ121	C. RESISTOR 1/4W 120	1	
R6027	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6031	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6032	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R6033	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R6034	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6035	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6038-38	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	3	
R6040	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6063	ERJ6GMYJ582	M. RESISTOR CH 1/10W 5.6K	1	
R7302	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7305_06	ERJ3GEYJ101	M. RESISTOR CH 1/10W 100	2	
R7316	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7318	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7324	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7325	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7326	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7327	ERJ3GEYJ822	M. RESISTOR CH 1/16W 8.2K	1	
R7328_29	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R7501	ERDS2TJ5R8	C. RESISTOR 1/4W 5.6	1	
R7502_03	ERJ6GMYJ202	M. RESISTOR CH 1/10W 2K	2	
R7504	ERJ6GMYG582	M. RESISTOR CH 1/10W 5.6K	1	
R7505	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7506-08	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	3	
R7509	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7510	ERJ6GMYG582	M. RESISTOR CH 1/10W 5.6K	1	
R7511	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7512	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7514	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7515	ERJ6GMYG582	M. RESISTOR CH 1/10W 5.6K	1	
R7516	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R7517	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7520_21	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R7523-25	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	3	
R7527	ERJ6GMYJ181	M. RESISTOR CH 1/10W 180	1	
R7528	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7529	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R7531_32	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	2	
R7533	ERJ6GMYJ303	M. RESISTOR CH 1/10W 30K	1	
R7534	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R7535	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7536	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7555	ERJ6GMYG822	M. RESISTOR CH 1/10W 8.2K	1	
R7556	ERJ6GMYG123	M. RESISTOR CH 1/10W 12K	1	
R7801_02	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R7803	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7806_07	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R7808_09	ERG2S.J331	M. RESISTOR 2W 330	2	
R7810	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7811_12	ERJ6GMYJ883	M. RESISTOR CH 1/10W 88K	2	
R7813	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7814	ERJ6GMYJ581	M. RESISTOR CH 1/10W 580	1	
R7815	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7816	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7817	ERDS2TJ471	C. RESISTOR 1/4W 470	1	
R7820	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R7821	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R7822_23	ERJ6GMYJ154	M. RESISTOR CH 1/10W 150K	2	
R7705	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7707	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R7708-10	ERJ3GEYJ511	M. RESISTOR CH 1/16W 510	3	
R7711	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7712	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7713	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7714	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
R7715	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R7716	ERJ3GEYJ582	M. RESISTOR CH 1/16W 5.6K	1	
R7717	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7719	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7720	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
R7721	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R7722	ERJ3GEYJ583	M. RESISTOR CH 1/16W 58K	1	
R7723	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R7724	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R7725	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7727	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7728	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7730	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R7731	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7732	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7733	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7734	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7735	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7736	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R7737	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R7738	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R7739	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7740	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7741-44	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7746-52	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	7	
R7753	ERJ3GEYJ681	M. RESISTOR CH 1/16W 880	1	
R7754-57	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	4	
R7759	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R7780	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7761	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7782-87	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	6	
R7770	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7771-78	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7784_85	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	2	
R7792-99	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	8	
R7801	ERDS2TJ222	C. RESISTOR 1/4W 2.2K	1	
R7802	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R7803	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
S1501	VSS0520-3	MODE SELECT SWITCH	1	[SUPPLIED FROM MBV]
S7503_04	EVQ11L07B	SWITCH	2	
S7505	VES0834	S-TAB SWITCH	1	
S7506_07	EVQ11L07B	SWITCH	2	
S7509_10	EVQ11L07B	SWITCH	2	
S7516_17	EVQ11L07B	SWITCH	2	
T0703	EQV5E0071A	TRANSFORMER	1	
T0704	EQV5E0072A	TRANSFORMER	1	
T0711	EQS5E0032A	TRANSFORMER	1	
T4001	EQQ7QF025P	TRANSFORMER	1	
T4002	EQQ7QF026P	TRANSFORMER	1	
▲ TU7601	ENG4728561	TUNER	1	[SUPPLIED FROM MBV]
▲ TU7601	ENG4728461	TUNER	1	[SUPPLIED FROM MBV] (For EURO-1 Version)
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
VR3012_13	EVNVCYAA03B53	V. RESISTOR 5K	2	
X0701	VLF1416	FILTER	1	[SUPPLIED FROM MBV]
X0702	VLF1290	FILTER	1	[SUPPLIED FROM MBV]
X0703	EFCT5R5MH5	FILTER	1	
X0704	VLF1368	FILTER	1	[SUPPLIED FROM MBV]
X3001	VSX0182	CRYSTAL OSCILLATOR	1	
X6001	VSX0830	CRYSTAL OSCILLATOR	1	
X8002	VSX0880	CRYSTAL OSCILLATOR	1	
X7302	VSX0953	CRYSTAL OSCILLATOR	1	
X7701	VSX1043	CRYSTAL OSCILLATOR	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VX00648	FIP HOLDER	1	
	VMP5897	CONNECTING ANGLE	1	FOR TV DEMODULATOR C. B. A.
	VSC4753	SHIELD CASE (BOTTOM)	1	FOR NICAM DECODER C. B. A.
	VSC4752	SHIELD CASE (MAIN)	1	FOR NICAM DECODER C. B. A.
	VMP4894	SUPPORT ANGLE	1	FOR OSD C. B. A.
	■ VEP05377A	HEAD AMP C. B. A.		[SUPPLIED FROM MBV] (RTL)
C501-04	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	4	
C505	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C507	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C509	ECUM1H81KBN	C. CAPACITOR CH 50V 680P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C510, 11	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C512	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C513	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1	
C514	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C515, 16	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C517, 18	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	2	
C519	ECEAOJKA101	E. CAPACITOR 6.3V 100U	1	
IC501	AN3369SB	IC	1	[SUPPLIED FROM MBV]
K501	ERJ8GEY0R00	M. RESISTOR CH 1/10W 0	1	
L501, 02	VLQ0599J880	COIL 68UH	2	
LB501-04	VLP0145	COIL	4	
P501	VJS3537B016G	CONNECTOR (FEMALE) 18P	1	
P502	VJS3958	CONNECTOR (FEMALE) 11P	1	[SUPPLIED FROM MBV]
R502	ERJ8GEYJ101	M. RESISTOR CH 1/10W 100	1	
R503	ERJ8RE0150	M. RESISTOR CH 1/10W 15	1	
R504	ERJ8GEYJ101	M. RESISTOR CH 1/10W 100	1	
		MISCELLANEOUS		
	VSC4583	SHIELD CASE (TOP)	1	
	VSC4792	SHIELD CASE (BOTTOM)	1	[SUPPLIED FROM MBV]
▲	■	VEP01828M	POWER C. B. A.	[SUPPLIED FROM MBV] (RTL) NV-HD836EG/B/EC NV-HD840EG/EG-K/B/B-K NV-HD840EC/EC-K/BL-K
▲	C1101	VCK0288E102	CERAMIC CAPACITOR	1
	C1102	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1
▲	C1103, 04	VCK0288E102	CERAMIC CAPACITOR	2
	C1105	EEUFA1A122	E. CAPASITOR 10V 1200U	1
	C1106	ECQE6104KF	P. CAPACITOR 630V 0.1U	1
	C1108	ECQD3A470KQE	C. CAPACITOR 1KV 47P	1
	C1109	ECKD2H103PU	C. CAPACITOR 500V 0.01U	1
	C1110	ECEAOJGE331	E. CAPACITOR 6.3V 330U	1
	C1111	ECKF1H102KB	C. CAPACITOR 50V 1000P	1
	C1112	ECQB1H822JF	P. CAPACITOR 50V 8200P	1
	C1114	ECA1VGE470X	E. CAPACITOR 35V 47U	1
	C1116	ECKD2H101KB	C. CAPACITOR 500V 100P	1
	C1117	ECEA1AGE331	E. CAPACITOR 10V 330U	1
▲	C1118, 19	ECQZ2A104MVA	P. CAPACITOR 250V 0.1U	2
	C1120	ECEC2G6330	E. CAPACITOR 400V 33U	1
	C1131	EEUFA1E8B1	E. CAPASITOR 25V 680U	1
	C1132	EEUFA1E331L	E. CAPASITOR 25V 330U	1 [SUPPLIED FROM MBV]
	C1133	ECKD2H101KB	C. 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	C. CAPACITOR 50V 0.01U	1
	C1139	ECKD2H101KB	C. CAPACITOR 500V 100P	1
	C1140	ECEA1HGE101	E. CAPACITOR 50V 100U	1
	C1141	ECKF1H103ZF	C. CAPACITOR 50V 0.01U	1
	C1142	ECKD2H101KB	C. CAPACITOR 500V 100P	1
	C1143	ECEA1AFZ331	E. CAPACITOR 10V 330U	1
	C1144, 45	ECQB1H103JF	P. CAPACITOR 50V 0.01U	2
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	ZENER DIODE	1	[SUPPLIED FROM MBV]
D1121	RL2Z	DIODE	1	
D1123, 24	ERA22-04	DIODE	2	
D1125	11EQS04	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D1130	MA7300B	DIODE	1	
▲	F1101	XBA2C16TH15	FUSE	1 [SUPPLIED FROM MBV]
IC1101	STRM6559LF	IC	1	[SUPPLIED FROM MBV]
IC1102	UPG1093J	IC	1	[SUPPLIED FROM MBV]
▲	IP1101	VSF0015A10	FUSE	1 [SUPPLIED FROM MBV]
L1101	VLQ0855K220	COIL 22UH	1	
▲	L1107	ELF15N005A	LINE FILTER	1
▲	L1108	ELF17N004A	LINE FILTER	1
L1121, 22	VLQ0855K220	COIL 22UH	2	
L1123, 24	ELESE101KA	COIL 100UH	2	
LB1105	VLP0074	COIL	1	
▲	P1101	VJS3306	AC INLET	1 [SUPPLIED FROM MBV]
P1103	VJP3917A016G	CONNECTOR (MALE) 16P	1	
▲	Q1111	CNX82A5387	PHOTO COUPLER	1 [SUPPLIED FROM MBV]
R1101	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R1102	ER81SJ393	M. RESISTOR 1W 39K	1	
R1105	ERDS1TJ395	C. RESISTOR 1/2W 3.9M	1	
R1106	ERDS1TJ475	C. RESISTOR 1/2W 4.7M	1	
R1107	ERDS2FJ224	C. RESISTOR 1/4W 220K	1	
R1108	ERDS2FJ101	C. RESISTOR 1/4W 100	1	
R1109	ERDS2FJ152	C. RESISTOR 1/4W 1.5K	1	
R1110	ERDS2FJ103	C. RESISTOR 1/4W 10K	1	
R1111	ERDS2FJ181	C. RESISTOR 1/4W 180	1 [SUPPLIED FROM MBV]	
R1112	ERDS2FJ331	C. RESISTOR 1/4W 330	1	
R1113	ERX1SJ1R0	M. RESISTOR 1W 1	1	
R1114	ERDS2FJ332	C. RESISTOR 1/4W 3.3K	1	
R1115	ERDS2FJ330	C. RESISTOR 1/4W 33	1 [SUPPLIED FROM MBV]	
R1116	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	1	
R1119	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	1	
R1120, 21	ER0S2CKG2701	M. RESISTOR 1/4W 2.7K	2	
R1122	ERC12AGM334	S. RESISTOR 1/2W 330K	1	
R1125	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
S7511-14	EV011L07B	SWITCH	4	
▲	T1101	VLTO940	SWITCHING TRANSFORMER	1 [SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VMP5133	INLET ANGLE	1	
	VHD0418	SCREW	1	
	TP00351-51	FUSE HOLDER	2	
▲	■	VEP01828H	POWER C. B. A.	[SUPPLIED FROM MBV] (RTL) NV-HD845EG/EG-K/B/EC
▲	C1101	VCK0288E102	CERAMIC CAPACITOR	1
	C1102	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1
▲	C1103, 04	VCK0288E102	CERAMIC CAPACITOR	2
	C1105	EEUFA1A122	E. CAPASITOR 10V 1200U	1
	C1106	ECQE6104KF	P. CAPACITOR 630V 0.1U	1
	C1108	ECQD3A470KQE	C. CAPACITOR 1KV 47P	1
	C1109	ECKD2H103PU	C. CAPACITOR 500V 0.01U	1
	C1110	ECEAOJGE331	E. CAPACITOR 6.3V 330U	1
	C1111	ECKF1H102KB	C. CAPACITOR 50V 1000P	1
	C1112	ECQB1H822JF	P. CAPACITOR 50V 8200P	1
	C1114	ECA1VGE470X	E. CAPACITOR 35V 47U	1
	C1116	ECKD2H101KB	C. CAPACITOR 500V 100P	1
	C1117	ECEA1AGE331	E. CAPACITOR 10V 330U	1
▲	C1118, 19	ECQZ2A104MVA	P. CAPACITOR 250V 0.1U	2
	C1120	ECEC2G6330	E. CAPACITOR 400V 33U	1
	C1131	EEUFA1E8B1	E. CAPASITOR 25V 680U	1
	C1132	EEUFA1E331L	E. CAPASITOR 25V 330U	1 [SUPPLIED FROM MBV]
	C1133	ECKD2H101KB	C. 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

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1138	ECKF1H103ZF	C. CAPACITOR 50V 0.01U	1	
C1139	ECKD2H101KB	C. CAPACITOR 500V 100P	1	
C1140	ECEA1HG101	E. CAPACITOR 50V 100U	1	
C1141	ECKF1H103ZF	C. CAPACITOR 50V 0.01U	1	
C1142	ECKD2H101KB	C. CAPACITOR 500V 100P	1	
C1143	ECEA1AF2331	E. CAPACITOR 10V 330U	1	
C1144. 45	EQGB1H103JF	P. CAPACITOR 50V 0.01U	2	
D1102	S1WBA80S	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	ZENER DIODE	1	[SUPPLIED FROM MBV]
D1121	RL2Z	DIODE	1	
D1123. 24	ERA22-04	DIODE	2	
D1125	11EQS04	DIODE	1	
D1130	MA7300B	DIODE	1	
△ F1101	XBA2C16TH15	FUSE	1	[SUPPLIED FROM MBV]
IC1101	STRM6559LF	IC	1	[SUPPLIED FROM MBV]
IC1102	UPC1093J	IC	1	[SUPPLIED FROM MBV]
△ IP1101	VSF0015A10	FUSE	1	[SUPPLIED FROM MBV]
L1101	VLQ0655K220	COIL 22UH	1	
△ L1107	ELF15N005A	LINE FILTER	1	
△ L1108	ELF17N004A	LINE FILTER	1	
L1121. 22	VLQ0655K220	COIL 22UH	2	
L1123. 24	ELESE101KA	COIL 100UH	2	
LB1105	VLP0074	COIL	1	
△ P1101	VJS330B	AC INLET	1	[SUPPLIED FROM MBV]
P1103	VJP9917A016G	CONNECTOR (MALE) 16P	1	
△ Q1111	CNX82A5387	PHOTO COUPLER	1	[SUPPLIED FROM MBV]
R1101	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R1102	ER01SJ393	M. RESISTOR 1W 39K	1	
R1105	ERDS1TJ395	C. RESISTOR 1/2W 3.9M	1	
R1106	ERDS1TJ475	C. RESISTOR 1/2W 4.7M	1	
R1107	ERDS2FJ224	C. RESISTOR 1/4W 220K	1	
R1108	ERDS2FJ101	C. RESISTOR 1/4W 100	1	
R1109	ERDS2FJ152	C. RESISTOR 1/4W 1.5K	1	
R1110	ERDS2FJ103	C. RESISTOR 1/4W 10K	1	
R1111	ERDS2FJ181	C. RESISTOR 1/4W 180	1	[SUPPLIED FROM MBV]
R1112	ERDS2FJ331	C. RESISTOR 1/4W 330	1	
R1113	ERX1SJ1R0	M. RESISTOR 1W 1	1	
R1114	ERDS2FJ332	C. RESISTOR 1/4W 3.3K	1	
R1115	ERDS2FJ330	C. RESISTOR 1/4W 33	1	[SUPPLIED FROM MBV]
R1116	ERDS2TJ272	C. RESISTOR 1/4W 2.7K	1	
R1119	ERDS2TJ822	C. RESISTOR 1/4W 8.2K	1	
R1120. 21	ER0S2CK02701	M. RESISTOR 1/4W 2.7K	2	
R1122	ERC12AGM334	S. RESISTOR 1/2W 330K	1	
R1125	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
S7511-15	EVQ11L07B	SWITCH	5	
△ T1101	VLTO940	SWITCHING TRANSFORMER	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
	VMP5133	INLET ANGLE	1	
	VHD0418	SCREW	1	
	TP00351-51	FUSE HOLDER	2	



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	■ VEPO7892A	AV FRONT C. B. A.		[SUPPLIED FROM MBV] (RTL) NV-HD645EG/EG-K/B/EC
C6501. 02	ECKF1H821KB	C. CAPACITOR 50V 820P	2	
C6503	EQGV1H104JM	P. CAPACITOR 50V 0.1U	1	
D6501-03	SLR932AVA	DIODE	3	[SUPPLIED FROM MBV]
JK6501	VJJ0573	3-PIN AV JACK	1	[SUPPLIED FROM MBV]
P6501	VJS3537A008G	CONNECTOR (FEMALE) 8P	1	
R6501	ERDS2TJ750	C. RESISTOR 1/4W 75	1	
R6502. 03	ERDS2TJ102	C. RESISTOR 1/4W 1K	2	
R6504	ERDS2TJ150	C. RESISTOR 1/4W 15	1	
		MISCELLANEOUS		
	VMD0504	LED HOLDER	2	
	VMD2591	LED HOLDER	1	[SUPPLIED FROM MBV]
	■ -----	CYLINDER STATOR C. B. A.		
		MISCELLANEOUS		
	HW-300A-CF	HALL IC	1	[SUPPLIED FROM MBV]
	VJS3537B009G	CONNECTOR (FEMALE) 8P	1	

INTERNAL REFERENCE CODE

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

P.C.B.	FILM CODE
MAIN SYUGO	HOAO00-0582B
MAIN SYUGO(EURO-1 VERSION)	HOAO00-0649A
POWER	HOAO01-01826
OSD	HOAO00-07998
AV FRONT(HD645)	HOAO00-07992
NICAM DECODER(B/BL/EC)	HOAO00-07973
DECODER(EG)	HOAO00-07997
TV DEMODU	HOAO00-07801
CYLINDER DRIVE	HOAO01-00V01

2209-1

 KFYW	Door No. 3	 51
	Drop No. 0	
Customer: TECHNICA42		
Load: SPOTU1		
Model: VRD9902004C2	Qty: 1	
Assemble at: 60	04/07/00	

Panasonic
MATSUSHITA ELECTRIC